

## MONTHLY REPORT

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**Abbreviations and symbols**

|   |  |
|---|--|
| <b>e</b>  | Estimated  |
| <b>p</b>  | Provisional  |
| <b>pe</b>   | Partly estimated                                       |
| <b>r</b>  | Revised  |
| ...   | Data available at a later date                         |
| .   | Data unknown, not to be published or<br>not meaningful |
| <b>0</b>  | Less than 0.5 but more than nil                        |
| –   | Nil  |
| Discrepancies in the totals are due to round-<br>ing. |  |

## Commentaries

### Economic conditions

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#### Industry

Industrial output in July and August continued at the subdued pace of the second quarter. If positive special factors in the first quarter and various holiday-related irregularities in the ensuing period are taken into account, the purely cyclical losses were, if anything, moderate in the period under review. In August, seasonally adjusted industrial output was 3.2% up on the month, in fact. However, this quite sharp increase mainly reflects the fact that the public holidays were relatively heavily concentrated on the month of July. While this resulted in a weak output figure for July, production in August benefited from the way in which the holidays fell. If the two months are taken together – which is more informative – industrial output declined by 0.5% on the quarter, which was merely the extent of the upward revision of activity for the reference period. Output in July and August was 1.2% up on the year overall.

*Output*

In line with output, industrial sales, on an average of the period from July to August, were 0.4% down on the second quarter. While domestic sales remained virtually unchanged, exports showed a marked decline. The fact that the decline in exports of goods in July was followed by a further seasonally adjusted fall in August is consistent with this picture. Price corrections in the international commodity markets, too, meant that nominal imports of goods in the reporting period failed by a wide margin to match the very high level of the previous month. In August,

*Domestic sales  
and foreign  
trade*

## Economic conditions in Germany \*

Seasonally adjusted

| Period             | Orders received (volume); 2000 = 100 |   |  |  |
|--------------------|--------------------------------------|---|--|--|
|                    | Industry                             |   |  | Con-<br>struction  |
|                    | Total                                | Domestic  | Foreign                                  |  |
| 2007 Q4            | 136.0                                | 116.1   | 160.9                                    | 80.9   |
| 2008 Q1            | 133.7                                | 115.7   | 156.2                                    | 88.4   |
| Q2                 | 128.6                                | 113.2   | 147.8                                    | 74.2   |
| June               | 125.8                                | 111.7   | 143.4                                    | 72.9   |
| July               | 124.2                                | 109.2   | 143.0                                    | 78.0   |
| Aug                | 128.7                                | 113.2   | 148.0                                    | ...  |
| Period             | Output; 2000 = 100                   |   |  |  |
|                    | Industry                             |   |  | Con-<br>struction  |
|                    | Total                                | of which  |  |  |
| Intermediate goods |                                      | Capital goods                                   |  |  |
| 2007 Q4            | 123.4                                | 125.9   | 132.7                                    | 82.4   |
| 2008 Q1            | 125.3                                | 128.2   | 135.3                                    | 88.5   |
| Q2                 | 124.0                                | 127.3   | 134.5                                    | 81.2   |
| June               | 123.6                                | 126.5   | 134.3                                    | 80.5   |
| July               | 121.4                                | 125.8   | 130.1                                    | 78.4   |
| Aug                | 125.3                                | 129.1   | 135.2                                    | 82.7   |
| Period             | Foreign trade; € billion             |   |  | Memo<br>item<br>Current<br>account<br>balance<br>€ billion |
|                    | Exports                              | Imports   | Balance                                  |  |
|                    | 2007 Q4                              | 248.79  | 194.42                                   | 54.37  |
| 2008 Q1            | 254.52                               | 206.82  | 47.70                                    | 45.14  |
| Q2                 | 253.57                               | 203.03  | 50.54                                    | 45.38  |
| June               | 85.83                                | 67.62   | 18.21                                    | 15.51  |
| July               | 84.33                                | 72.72   | 11.61                                    | 11.55  |
| Aug                | 83.95                                | 70.89   | 13.06                                    | 12.33  |
| Period             | Labour market                        |   |  |  |
|                    | Employ-<br>ment                      | Vacancies                                       | Un-<br>employ-<br>ment                   | Un-<br>employ-<br>ment rate<br>in %                        |
|                    | Number in thousands                  |   |  |  |
| 2008 Q1            | 40,184                               | 580   | 3,388                                    | 8.1  |
| Q2                 | 40,267                               | 566   | 3,295                                    | 7.9  |
| Q3                 | ...                                  | 565   | 3,209                                    | 7.7  |
| July               | 40,324                               | 562   | 3,245                                    | 7.8  |
| Aug                | 40,363                               | 563   | 3,206                                    | 7.7  |
| Sep                | ...                                  | 569   | 3,177                                    | 7.6  |
| Period             | Import<br>prices                     | Producer<br>prices of<br>industrial<br>products | Con-<br>struction<br>prices <sup>1</sup> | Con-<br>sumer<br>prices                                    |
|                    | 2000 = 100                           |   | 2005 = 100                               |  |
|                    | 2008 Q1                              | 112.3   | 122.6                                    | 111.5  |
| Q2                 | 115.7                                | 125.6   | 112.5                                    | 106.6  |
| Q3                 | ...                                  | ...   | 114.0                                    | 107.3  |
| July               | 118.5                                | 129.4   | .  | 107.3  |
| Aug                | 116.9                                | 128.8   | .  | 107.1  |
| Sep                | ...                                  | ...   | .  | 107.4  |

\* Explanatory notes, see Statistical Section, X, and Statistical Supplement, Seasonally adjusted business statistics. — 1 Not seasonally adjusted.

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the trade surplus, in which there was a massive reduction in July, showed an improvement to a seasonally adjusted €13 billion. Adjusted for movements in prices, foreign trade is likely to have been a dampening factor for economic activity in the third quarter.

The intake of orders in August, at a seasonally adjusted +3.6%, picked up sharply in comparison with July. This growth was sustained equally by increased domestic and foreign demand. Especially with regard to domestic orders, the effects of the public holidays are likely to have been a significant factor. On an average of the months of July and August, the volume of orders, at 1.6%, was, nevertheless, quite clearly down on the second quarter. While there was no more than a moderate decline in the volume of orders received by intermediate goods producers, orders of capital goods and consumer goods showed a marked fall. The largest decline was in orders for motor vehicles, trailers and semi-trailers. The volume of orders for machinery and equipment was even somewhat larger than in the second quarter. Overall, orders received in July and August were 2.5% down on the year in calendar-adjusted terms.

### Construction

Construction output was quite weak overall in July and August. Seasonally adjusted construction output did increase by 5.5% in August, but had declined quite markedly in the two preceding months. Output in the reporting period may have benefited from the fact that the volume of orders had picked up exceptionally strongly (+7.0%) in July

*Orders received*

*Construction output and demand*

(more recent data are unavailable at present). This increase was due mainly to new road construction projects and followed a period of very slow ordering in the second quarter. In addition, demand for housing construction has recovered somewhat since the second quarter.

### Economy as a whole

*Assessment  
of overall  
economic  
output in Q3*

Given the marked slowdown in the pace of global economic growth and generally greater uncertainty in the wake of the heightened crisis in the international financial markets, the German economy is likely to have largely stood still in seasonally adjusted terms in the third quarter. This was due mainly to the fact that the dampening effects stemming from foreign trade became stronger in the period under review, while the surge in costs due to energy prices in the second quarter was still impacting on demand in the third quarter. The very sharp adjustment in prices in the international oil markets after the middle of the year as well as the ongoing growth in employment are likely to have stabilised private consumption, however. Furthermore, investment probably showed an overall increase in the third quarter. The building-up of inventories played the most important part in this as the cost of inputs went down again. Firms' spending on new plant and equipment is likely to have held up at least at a high level. By contrast, construction investment is likely to have been weak as in the second quarter. Given a trend stabilisation in domestic demand and a greater propensity to stock up with raw materials that are no longer so

expensive, imports showed a sharp increase in the third quarter.

### Labour market

According to initial estimates by the Federal Statistical Office, the number of persons in work in August went up by 39,000 to 40.36 million. Virtually the entire increase was accounted for latterly by jobs which are subject to social security contributions. The overall level of employment was 545,000, or 1.4%, higher than in the same period of 2007. There was hardly any change in the number of job vacancies reported to the Federal Employment Agency. According to the Ifo employment barometer, trade and industry are, nevertheless, likely to have become much more cautious in their personnel planning.

*Employment*

Seasonally adjusted unemployment fell by 29,000 to 3.18 million in September. This gives an overall fall in unemployment of 463,000 on the year. Just under 40% of the decline was in job seekers receiving unemployment benefits under the statutory insurance scheme and just over 60% were job seekers receiving the basic welfare allowance. The unemployment rate was a seasonally adjusted 7.6% in September, compared with 7.7% in August and 8.3% at the end of last year.

*Unemployment*

### Prices

Against the backdrop of an expected cooling of the global economy, crude oil prices were tending to show a further decline in Septem-

*International  
crude oil prices*

ber. For a time, suggestions that the OPEC decision to cut back production was going to be implemented as well as production losses in the Gulf of Mexico as a result of the hurricanes "Gustav" and "Ike" led to a marked upward movement with decidedly high volatility. On a monthly average, the spot price for Brent North Sea oil, at more than US\$101, was almost US\$15 below the the figure for August. As this report went to press, the spot price stood at US\$67, which was less than half as much as when the price peaked in July. In the oil futures markets, six-month deliveries now cost US\$6¾ more; the mark-up for 18-month deliveries is, in fact, more than US\$14.

*Import and  
producer prices*

Owing to the falling crude oil prices, imports in August were a seasonally adjusted 1.4% cheaper on average than in the previous month. The year-on-year figure was unchanged at +9.3%. If energy is excluded, import prices showed a further rise and the 12-month figure went up from 1.4% to 1.8%. Domestic producer prices also went down because of energy prices. They were up 8.1% on the year at the end of the period under review; excluding energy, the increase was 3.4%.

*Consumer  
prices*

Following a temporary decline in August, consumer prices went up again in September by a seasonally adjusted 0.3%. Heating oil was, in fact, somewhat cheaper and fuel prices remained largely stable, although there were sharp increases in some cases for gas. There was a further relatively sharp rise in the cost of industrial goods, while the price trends for services and housing rents con-

tinued to be moderate. The change in food prices was only slight. The annual rate of change in the national consumer price index (CPI) fell from 3.1% in August to 2.9% in September. According to the Harmonised Index of Consumer Prices (HICP), the year-on-year rate at the end of the reporting period was 3.0%, compared with 3.3% in August.

## Public finances<sup>1</sup>

### Local government finances

The most recent cash statistics data from the Federal Statistical Office show that local government recorded a large overall surplus of €3 billion in the second quarter of 2008, as it had done one year previously. However, the Federal Statistical Office points out that the results could be distorted as the use of commercial bookkeeping, which is becoming more widespread within local government, is associated with data recording problems.<sup>2</sup> It said that this also impairs the informative value of year-on-year comparisons.

*Large surplus  
in 2008 Q2*

According to the available data, local government revenue increased sharply again by almost 6% (€2½ billion). This was mainly due to the favourable development of tax receipts (+7½% or €1¼ billion), which was driven by

*Continued  
positive  
revenue  
development...*

<sup>1</sup> In the short report on public finances which regularly appears in the Monthly Report, the emphasis is on recent outturns. The quarterly Monthly Reports (published in February, May, August and November), by contrast, contain a detailed description of general government budget trends during the preceding quarter. For detailed statistical data on budgetary developments and public debt, see the statistical section of this report.

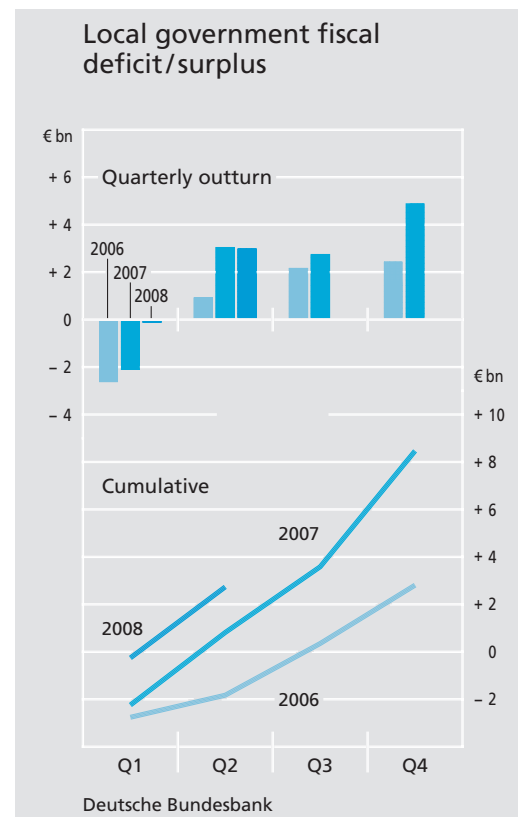
<sup>2</sup> See press release No 373 of the Federal Statistical Office dated 30 September 2008.



rapid growth in inflows from income tax shares (+16½% or €¾ billion). But local business tax revenue also continued to increase – albeit at a somewhat slower pace – with the shortfalls expected as a result of the business tax reform probably having had only a limited impact on cash receipts up to the end of the reporting period. After deducting the share of local business tax revenue accruing to state and central government, which was reduced further in 2008, the high prior-year figure was further exceeded by just over 4½% (€½ billion). In addition, revenue from categories of grants from state government which are largely linked to the level of tax revenue also increased (+10% or €½ billion). By contrast, receipts from fees and capital proceeds, which alongside investment grants from state government consist above all of proceeds from asset realisations, remained largely unchanged on the year.

... alongside  
much higher  
spending

Following the slight year-on-year decline in total expenditure that was recorded at the beginning of 2008, spending shot up by 6½% (€2½ billion) in the second quarter. The steep rise in personnel expenditure of 7½% (or €¾ billion) was primarily due to the relatively high pay settlement concluded in spring, which entailed corresponding back-payments for the months since the start of 2008. Other operating expenditure jumped by as much as 9½% (or €¾ billion). However, as in the case of other categories of expenditure, this figure may exaggerate the actual expenditure development somewhat owing to retrospective postings from the first quarter. Despite the marked decrease in accommodation costs for long-term unemployed



persons, the cost of social benefits also recorded an increase. However, at just over 2%, this was below average. Finally, the volume of expenditure on fixed assets grew by just over 9½% (just under €½ billion). Alongside higher prices, this reflected, as expected, the overall favourable local government financial situation.

Despite the revenue shortfalls expected as a result of the business tax reform and the impact of the negotiated pay rises on personnel expenditure, local government is again likely to record a relatively high surplus on balance in 2008. At +€3 billion in mid-2008, the balance was €2 billion higher still than the comparable figure in 2007, which posted a full-year record surplus of €8½ billion. However, the macroeconomic slowdown and the pos-

High surplus  
expected again  
for 2008 as a  
whole, but cash  
advances  
remain high

sible increase in tax shortfalls in the second half of 2008 owing to fiscal reforms mean that it is unlikely that this favourable development will continue. Against this background, the developments in local government borrowing give cause for concern. Although surpluses in the second quarter of 2008 were reported for local government in all the federal states, municipal credit market debt at the end of the second quarter (€82½ billion gross) remained at the level recorded at the end of the first three months. The volume of cash advances – which are actually only intended to bridge temporary liquidity shortages, but are in fact used to finance current expenditure – rose again by €½ billion to €29 billion. It therefore seems imperative that those local governments affected pursue a particularly cautious expenditure policy. Otherwise, any slackening of tax revenue developments will make it even harder to return to a sound fiscal position, which is necessary for sustainable development.

*Ensuring data quality for double-entry bookkeeping*

When publishing its cash statistics data, the Federal Statistical Office once again highlighted data quality problems which are apparently connected to deriving the data from the accounting records of those local governments that have changed over to the double-entry bookkeeping system. However, high-quality German public finance statistics are indispensable, not least as a basis for sustainable budgetary management and in the context of the European budgetary surveillance procedure. Alongside local governments subject to reporting requirements, state parliaments also have an important responsibility in this respect. The autumn 2003 Interior Ministers'

Conference on reforming local government budgetary rules addressed the need to meet the statistical reporting requirements and adopted corresponding agreements on new account systems. Reliable and comparable data on local government finances are indispensable.

## Securities markets

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### Bond market

In August 2008, the issue volume in the German bond market was down on the previous month with gross sales amounting to €135.9 billion (July: €147.2 billion). In the light of reduced redemptions and after taking account of changes in issuers' holdings of their own bonds and notes, net sales came to €45.5 billion, compared with €11.3 billion in the preceding month. The outstanding amount of foreign debt securities in the German market decreased by €2.3 billion in the reporting month; on balance, the decrease affected euro-denominated securities only.

*Sales of debt securities*

Among borrowers, the public sector tapped the capital markets for €13.0 billion in August. Central government issued €11.0 billion worth of debt securities; these were primarily ten-year Federal bonds (Bunds) for €9.0 billion, Bubills for €1.8 billion and two-year Federal Treasury notes (Schätze) for €0.6 billion. At the same time it redeemed 30-year Bunds, Federal savings notes, Federal Treasury financing paper and five-year Federal notes (Bobls) worth €0.6 billion in total. The outstanding

*Public debt securities*

amount of debt securities issued by state governments increased by €2.0 billion net.

*Bank debt securities*

German credit institutions' net borrowing reached €4.3 billion in the reporting month. They did this by issuing other credit institution bonds (€3.2 billion) and mortgage Pfandbriefe (€2.5 billion) while specialised credit institutions issued debt securities worth €1.3 billion. By contrast, the volume of public Pfandbriefe outstanding declined by €2.6 billion.

*Corporate bonds*

In the reporting month, domestic enterprises tapped the bond market for €28.1 billion in net terms. A large securitisation operation was one notable factor.

*Purchases of debt securities*

Domestic credit institutions formed the most significant group of purchasers in the German bond market (€27.2 billion). They concentrated solely on domestic instruments. Foreign investors also significantly increased their German bond portfolios (€21.6 billion). By contrast, German non-banks sold debt securities totalling €5.6 billion.

**Equity market**

*Sales and purchases of shares*

In the month under review, domestic enterprises issued €0.4 billion worth of new shares in the German equity market, almost all of which involved listed companies. Sales of foreign equities on the German market were somewhat higher (€1.3 billion). As regards the purchasers, it was primarily German non-banks who were active (€8.2 billion). By contrast, German credit institutions were predominantly sellers (€0.8 billion). Foreign in-

**Sales and purchases of debt securities**

€ billion

| Item                                  | 2007          | 2008        |             |
|---------------------------------------|---------------|-------------|-------------|
|                                       | Aug           | July        | Aug         |
| <b>Sales</b>                          |               |             |             |
| Domestic debt securities <sup>1</sup> | - 32.6        | 11.3        | 45.5        |
| <i>of which</i>                       |               |             |             |
| Bank debt securities                  | - 13.9        | 21.2        | 4.3         |
| Public debt securities                | - 18.0        | - 11.6      | 13.0        |
| Foreign debt securities <sup>2</sup>  | 4.8           | 3.5         | - 2.3       |
| <b>Purchases</b>                      |               |             |             |
| Residents                             | - 43.8        | 1.7         | 21.6        |
| Credit institutions <sup>3</sup>      | - 1.8         | 0.5         | 27.2        |
| Non-banks <sup>4</sup>                | - 42.1        | 1.2         | - 5.6       |
| <i>of which</i>                       |               |             |             |
| Domestic debt securities              | - 39.2        | - 2.7       | - 6.7       |
| Non-residents <sup>2</sup>            | 16.0          | 13.0        | 21.6        |
| <b>Total sales/purchases</b>          | <b>- 27.8</b> | <b>14.8</b> | <b>43.2</b> |

<sup>1</sup> Net sales at market values plus/minus changes in issuers' holdings of their own debt securities. — <sup>2</sup> Transaction values. — <sup>3</sup> Book values, statistically adjusted. — <sup>4</sup> Residual.

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vestors also sold German equities totalling €5.6 billion net.

**Mutual fund shares**

In August, domestic mutual funds recorded inflows of €1.9 billion net. As had already been the case in the previous month, only specialised funds reserved for institutional investors were able to sell certificates (€2.5 billion) while domestic mutual funds open to the general public paid back €0.6 billion out of their managed funds to investors. These outflows affected bond-based funds in particular (€0.9 billion) as well as, to a lesser extent, money market and share-based funds (each €0.3 billion). By contrast, open-end real estate funds (€0.5 billion), mixed securities-based funds and mixed funds (each €0.2 bil-

*Sales and purchases of mutual fund shares*

## Major items of the balance of payments

€ billion

| Item  | 2007   |        | 2008   |     |
|---|--------|--------|--------|-----|
|   | Aug    | July r | Aug    | Aug |
| I Current account   |        |        |        |     |
| 1 Foreign trade <sup>1</sup>  |        |        |        |     |
| Exports (fob)   | 77.7   | 87.0   | 75.7   |     |
| Imports (cif)   | 63.4   | 73.2   | 65.1   |     |
| Balance   | + 14.3 | + 13.8 | + 10.6 |     |
| <i>Memo item</i>  |        |        |        |     |
| Seasonally adjusted figures   |        |        |        |     |
| Exports (fob)   | 82.5   | 84.3   | 84.0   |     |
| Imports (cif)   | 66.8   | 72.7   | 70.9   |     |
| 2 Supplementary trade items <sup>2</sup>  | - 0.8  | - 0.8  | - 0.9  |     |
| 3 Services  |        |        |        |     |
| Receipts  | 13.5   | 15.1   | 13.6   |     |
| Expenditure   | 18.3   | 17.7   | 17.6   |     |
| Balance   | - 4.8  | - 2.5  | - 4.0  |     |
| 4 Income (net)  | + 4.3  | + 4.1  | + 4.2  |     |
| 5 Current transfers   |        |        |        |     |
| from non-residents  | 0.9    | 0.7    | 0.6    |     |
| to non-residents  | 3.9    | 3.3    | 3.2    |     |
| Balance   | - 3.0  | - 2.6  | - 2.6  |     |
| Balance on current account  | + 10.0 | + 11.9 | + 7.3  |     |
| II Capital transfers (net) <sup>3</sup>   | - 0.1  | - 0.1  | - 0.0  |     |
| III Financial account (net capital exports: -)                                  |        |        |        |     |
| 1 Direct investment   | - 5.6  | - 10.2 | - 1.0  |     |
| German investment abroad  | - 9.7  | - 3.1  | - 3.0  |     |
| Foreign investment in Germany   | + 4.1  | - 7.0  | + 2.0  |     |
| 2 Portfolio investment  | + 30.5 | + 6.6  | + 16.0 |     |
| German investment abroad  | + 3.7  | - 1.0  | + 0.4  |     |
| <i>of which</i>   |        |        |        |     |
| Shares  | + 4.1  | + 1.9  | - 0.8  |     |
| Bonds and notes <sup>4</sup>  | - 2.1  | + 1.4  | + 0.1  |     |
| Foreign investment in Germany   | + 26.9 | + 7.7  | + 15.6 |     |
| <i>of which</i>   |        |        |        |     |
| Shares  | + 10.6 | - 4.4  | - 5.6  |     |
| Bonds and notes <sup>4</sup>  | + 10.5 | + 8.8  | + 14.0 |     |
| 3 Financial derivatives   | - 12.3 | - 4.9  | - 1.3  |     |
| 4 Other investment <sup>5</sup>   | - 9.9  | + 9.5  | - 16.3 |     |
| Monetary financial institutions <sup>6</sup>                                    | + 8.5  | - 2.1  | + 0.5  |     |
| <i>of which</i>   |        |        |        |     |
| Short-term  | + 25.6 | + 14.6 | + 10.2 |     |
| Enterprises and households  | - 6.8  | - 12.8 | + 2.6  |     |
| General government  | + 12.0 | + 21.6 | - 7.0  |     |
| Bundesbank  | - 23.6 | + 2.9  | - 12.5 |     |
| 5 Change in the reserve assets at transaction values (increase: -) <sup>7</sup> | - 0.0  | + 1.2  | - 0.1  |     |
| Balance on financial account <sup>8</sup>                                       | + 2.7  | + 2.3  | - 2.8  |     |
| IV Errors and omissions   | - 12.6 | - 14.0 | - 4.5  |     |

<sup>1</sup> Special trade according to the official foreign trade statistics (source: Federal Statistical Office).—<sup>2</sup> Including warehouse transactions for account of residents and deduction of goods returned. —<sup>3</sup> Including the acquisition/disposal of non-produced non-financial assets. —<sup>4</sup> Original maturity of more than one year. —<sup>5</sup> Includes financial and trade credits, bank deposits and other assets. —<sup>6</sup> Excluding Bundesbank. —<sup>7</sup> Excluding allocation of SDRs and excluding changes due to value adjustments. —<sup>8</sup> Balance on financial account including change in the reserve assets.

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lion) recorded inflows. Foreign investment funds also recorded inflows from German investors (€1.1 billion). In August, mutual fund shares were purchased predominantly by German non-banks (€2.6 billion) as well as by German credit institutions (€0.7 billion). By contrast, non-residents sold €0.3 billion net worth of share certificates.

## Balance of payments

In August, the surplus on Germany's current account – in unadjusted terms – fell to €7.3 billion and was thus €4.6 billion down on the month. This result can be attributed to a reduced trade surplus and a larger deficit on invisible current transactions, which comprise services, income and current transfers.

*Current account*

According to provisional figures from the Federal Statistical Office, the foreign trade surplus in August went down by €3.2 billion on the month to €10.6 billion. After adjustment for seasonal and calendar variations, it increased by €1.5 billion to €13.1 billion. The value of exports declined by 0.5% while the value of imports fell by 2.5%. Based on a July-August average, seasonally adjusted nominal exports were down by 0.5% compared with the average recorded for the second quarter. Imports rose by 6.1%; more than one-quarter of this increase was caused by higher prices, especially for energy and other commodities.

*Foreign trade*

The deficit on invisible current transactions grew from €1.0 billion in July to €2.4 billion in August. The main reason for this was the

*Invisibles*

€1.5 billion rise in the deficit on services to €4.0 billion, which was largely holiday-related. By contrast, the income balance surplus widened slightly by €0.1 billion to €4.2 billion. At €2.6 billion, net expenditure on current transfers remained unchanged on the month.

*Portfolio investment*

As in the preceding three months, there were again net capital imports resulting from cross-border portfolio investment in August (€16.0 billion). Following a temporary lull, foreign portfolio investors once again strengthened their investment in Germany (€15.6 billion compared with €7.7 billion in July). They invested primarily in debt securities (€21.6 billion) concentrating mainly on public bonds and money market paper. By contrast, they again disposed of shares (€5.6 billion compared with €4.4 billion in the previous month). Securities transactions by German investors almost cancelled each other out in August (€0.4 billion). Residents sold foreign debt securities (€2.3 billion) and purchased modest amounts of mutual fund shares (€1.1 billion) and shares (€0.8 billion).

*Direct investment*

Direct investment resulted in net capital exports of €1.0 billion in August, which was down on the month (€10.2 billion). This decline was attributable largely to the fact that foreign enterprises re-equipped their German affiliates with capital (€2.0 billion) after withdrawing funds from them in the previous month (€7.0 billion). German enterprises

likewise provided their foreign affiliates with additional capital (€3.0 billion). This was achieved by reinvesting earnings and boosting equity capital (combined total €5.2 billion). At the same time, as a result of credit relationships with their foreign affiliates, they acquired inflows of funds amounting to €2.2 billion.

Other statistically recorded investment comprising financial and trade credits (in as much as these do not constitute a part of direct investment) as well as bank deposits and other assets saw net capital exports of €16.3 billion in August. Non-banks accounted for €4.4 billion of these outflows. Here, a major role was played by the activities of general government (€7.0 billion), which redeemed short-term financial credits outside Germany and increased its bank deposits abroad. By contrast, enterprises and households recorded inflows of €2.6 billion. The banking system registered net capital exports of €12.0 billion. These resulted from the increase in the Bundesbank's claims against non-residents (€12.5 billion), which in large part was generated by the TARGET2 large value payment system. Conversely, credit institutions experienced modest inflows of funds (€0.5 billion).

*Other investment by non-banks and ...**... the banking system*

The Bundesbank's reserve assets – at transaction values – remained broadly unchanged in August.

*Reserve assets*

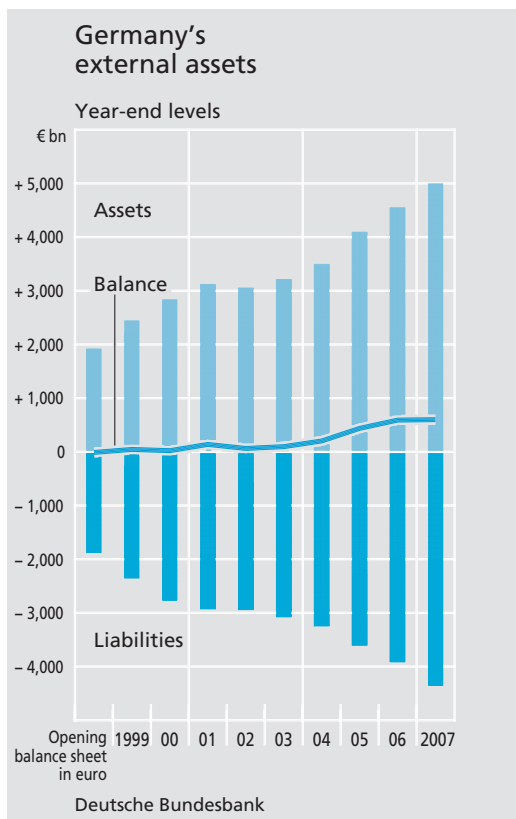


## Germany's international investment position since the beginning of monetary union: developments and structure

Germany's financial ties with the rest of the world have strengthened significantly in recent years. At the end of 2007, Germany's external assets totalled €5,004 billion, its liabilities €4,360 billion. Both positions have more than doubled since the beginning of monetary union. This increase reflects the global trend towards diversifying assets across borders. It also relates to the introduction of the euro which created a large financial playing field in which exchange rate risks no longer play a role.

Overall, Germany had net external assets of €645 billion at the end of 2007. This represented 26½% of GDP. This amount was essentially an accumulation of current account surpluses since 2001. Given the likely impact of demographic ageing, it can also be considered a nest egg for future financial requirements.

The following article analyses key developments in Germany's international investment position since the beginning of monetary union. It also examines the effects of the introduction of the euro on the main regional investment targets. The underlying methodology used to establish the international investment position is described in the annex.



### Developmental overview of Germany's international investment position

*International investment position as a source of information*

Germany's financial relationships with other countries are shown in relative detail in the international investment position (IIP). It provides information on the scope and structure of international assets and liabilities in domestic sectors in Germany. The IIP shows the international financial operations of residents, as recorded in the balance of payments, as well as the market price changes in assets between the relevant balance sheet dates. Exchange-rate-related changes are factored into foreign currency positions. In addition to the balance of payments, the IIP is therefore another important source of information for analysing Germany's relationships with third countries.

The annual figures for 2007 show that Germany's international financial relationships have again intensified. At the end of 2007, Germany's external assets amounted to €5,004 billion, two and a half times more than at the beginning of monetary union. Compared with the beginning of 1991, they were as much as six times higher. While, at an annual average of 10½%, the volume of external assets grew at roughly the same rate as total German financial assets (+9½%) in the years prior to monetary union (1991 to 1998), the external assets included in the IIP grew at an even faster rate from 1999 to 2007 (annual average of 11½%), overtaking total German assets by a considerable margin (annual average of around 4½%). The home bias of German investors has evidently continued to abate in recent years; portfolios have therefore assumed a more international flavour, in which – as explained later – other euro-area countries account for the lion's share of investments. This development suffered a temporary setback as a result of heightened uncertainty on the global financial markets following the bursting of the new economy bubble, the attacks of 11 September 2001 and the economic downturn in the world economy. These events led to a slight drop in Germany's external assets in 2002. The brisk increase then resumed, however, thanks mainly to high current account surpluses in Germany.

*External assets*

At the end of 2007, external liabilities totalled €4,360 billion, almost two and a half times more than at the beginning of monetary union. External liabilities have increased at a relatively continuous rate over the entire period despite a slightly slower pace of growth at the beginning of this decade

*External liabilities*



owing to the above-mentioned events. Heavy external demand for German securities played a key role in increasing external liabilities. In recent years, however, external liabilities have grown considerably more slowly than assets as current account surpluses tended to favour the creation of external assets.

*Change in the net external position:*

*current account transactions...*

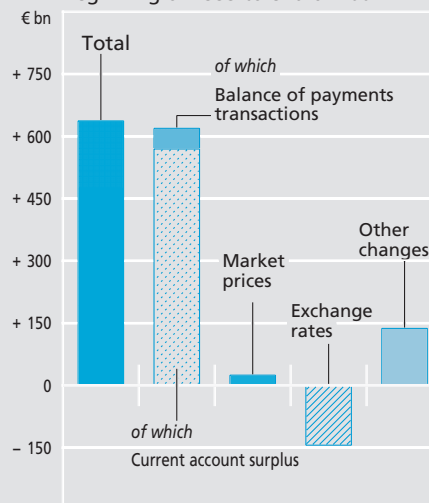
Germany's net external position thus reached a record high of €645 billion at the end of 2007. At the beginning of monetary union, Germany's net external position was just €34 billion. The increase is attributable largely to the current account surpluses of €569 billion generated since 1999. To a certain extent, these contain a self-perpetuating element as they are linked to the accumulation of yield-bearing assets, and the resulting capital gains, in turn, have a positive effect on the current account.

*... exchange rates ...*

Revaluations following changes in exchange rates and stock market prices also played a major role in the development of the net international investment position. These affected foreign currency items and market-price-related assets. In the nine years since the beginning of monetary union, exchange rate changes have had a negative effect on the international investment position overall (€144 billion). Owing to the trend appreciation of the euro, this reflects the accumulated losses relating to positions denominated in foreign currency which, because of the higher proportion of foreign currency on the asset side, have a negative impact on the net international investment position. At the end of 2007, 32% of external assets and 16½% of external liabilities were denominated in

### Cumulative change in net external assets

Beginning of 1999 to end of 2007



<sup>1</sup> Mainly deviations relating to systematics of balance of payments statistics, but also adjustments resulting from stock data on direct investment, changes of a statistical nature, write-downs and missing reports in the balance of payments statistics.

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foreign currency; at the beginning of monetary union,<sup>1</sup> the corresponding percentages were 46% and 21%.

By contrast, market prices – particularly developments on the share and bond markets – had a slightly positive effect in the period under review, albeit with major fluctuations in individual years (accumulated effect: €25 billion). Market-price-related haircuts were applied only at the beginning of the decade and in 2007. Last year alone, market price changes reduced the net international investment position by €67 billion, in part because,

*... and market prices*

<sup>1</sup> Data relate to the end of June 1999 as a complete international investment position broken down by currency is not available for 1 January 1999. On the "eve of EMU" – 31 December 1998 – with the national currencies of euro-area countries as foreign currencies, the percentages were 63½% and 27%.

in 2007, the share prices of German companies rose significantly more than those of foreign companies.

*Increasing degree of financial openness*

The sharp increase in Germany's external assets and liabilities in recent years has taken place in an international environment characterised largely by advancing financial market convergence. As a result, the degree of financial openness – measured as the ratio of total external assets and liabilities to GDP – rose significantly in many countries.<sup>2</sup> In industrial countries overall, this ratio has more or less doubled since the beginning of 1999; it has therefore grown much faster than the degree of openness of the real economy. Germany's financial integration into the world economy took place correspondingly fast during this period. At the end of 2007, the degree of financial openness was almost 400%, twice as high as at the beginning of monetary union.

## Germany's international investment position by sector

### Monetary financial institutions

*Central role of credit institutions*

The banking sector plays a central role in Germany's increasing financial integration with other countries. Almost half of all of Germany's external assets and liabilities (€2,432 billion and €2,032 billion, respectively) were attributable to credit institutions at the end of 2007. Banks have expanded their foreign business considerably since the beginning of monetary union. Financial credits have accounted for a large share of business, including loans, loans against borrower's notes,

bank deposits and assets acquired through assignment. At the end of 2007, they made up two-thirds of banks' external assets and just over half of their external liabilities. The counterparties are mostly foreign banks (interbank transactions), not least banks' own affiliates abroad.

Monetary financial institutions (MFIs) also held substantial foreign securities worth €735 billion at the end of 2007. The majority of these (€685 billion) were in the form of debt securities. Mutual fund shares and equities, by contrast, played only a minor role. Banks' high level of securities investment should be seen in connection with below-average credit growth in Germany in the reporting period. Banks invested large amounts of the funds available to them in securities, and did so to a considerable extent abroad – taking advantage of the yield spread and accepting the associated risks.<sup>3</sup>

*Significant securities claims ...*

<sup>2</sup> See P R Lane and G M Milesi-Ferretti (2007), The external wealth of nations mark II: Revised and extended estimates of foreign assets and liabilities, 1970-2004, *Journal of International Economics*, 73(2), pp 223-250, and P R Lane and G M Milesi-Ferretti (2008), The drivers of financial globalisation, *American Economic Review: Papers & Proceedings*, 98(2), pp 327-332.

<sup>3</sup> The extent to which the crisis on the international financial markets has affected the external assets of banks – for example, through the granting of additional cross-border loans or acceptance of assets or refinancing operations – cannot be explicitly identified in the highly aggregated IIP figures, especially as some of the distortions occurred only this year, ie after the cut-off date for the international investment position (31 December 2007). Furthermore, certain financial operations, such as the use of derivatives as risk collateral or the granting of standby credit, are not included (directly) in the international investment position. Instead, the international investment position shows a country's external assets and liabilities by cut-off date according to an internationally uniform template, regardless of whether certain positions can be offset at microeconomic level or hedging instruments have been used.

## Germany's external assets by sector

| Item  | Assets            |                          |             |                          | Liabilities       |                          |             |                          |
|---|-------------------|--------------------------|-------------|--------------------------|-------------------|--------------------------|-------------|--------------------------|
|   | Beginning of 1999 |                          | End of 2007 |                          | Beginning of 1999 |                          | End of 2007 |                          |
|   | € bn              | Percent-<br>age<br>share | € bn        | Percent-<br>age<br>share | € bn              | Percent-<br>age<br>share | € bn        | Percent-<br>age<br>share |
| I Monetary financial institutions <sup>1</sup>            | 750.0             | 39.2                     | 2,431.9     | 48.6                     | 904.3             | 48.0                     | 2,032.0     | 46.6                     |
| 1 Direct investment                                       | 34.5              | 1.8                      | 95.6        | 1.9                      | 8.4               | 0.4                      | 56.3        | 1.3                      |
| Equity capital  | 34.3              | 1.8                      | 94.9        | 1.9                      | 8.4               | 0.4                      | 56.3        | 1.3                      |
| Real estate   | 0.2               | 0.0                      | 0.8         | 0.0                      | –                 | –                        | –           | –                        |
| 2 Portfolio investment                                    | 148.5             | 7.8                      | 734.9       | 14.7                     | 245.5             | 13.0                     | 927.0       | 21.3                     |
| Shares  | 6.6               | 0.3                      | 23.8        | 0.5                      | 26.7              | 1.4                      | 70.6        | 1.6                      |
| Mutual fund shares  | 4.4               | 0.2                      | 25.8        | 0.5                      | 1.5               | 0.1                      | 2.8         | 0.1                      |
| Bonds and notes   | 130.7             | 6.8                      | 642.2       | 12.8                     | 201.8             | 10.7                     | 780.6       | 17.9                     |
| Money market instruments                                  | 6.8               | 0.4                      | 43.0        | 0.9                      | 15.5              | 0.8                      | 73.0        | 1.7                      |
| 3 Loans arising from financial relationships <sup>2</sup> | 566.1             | 29.5                     | 1,598.8     | 31.9                     | 649.6             | 34.5                     | 1,047.6     | 24.0                     |
| Short-term  | 322.2             | 16.8                     | 1,001.1     | 20.0                     | 407.7             | 21.7                     | 826.8       | 19.0                     |
| Long-term   | 243.9             | 12.7                     | 597.8       | 11.9                     | 241.9             | 12.9                     | 220.7       | 5.1                      |
| 4 Other assets/other liabilities                          | 0.9               | 0.0                      | 2.6         | 0.1                      | 0.8               | 0.0                      | 1.2         | 0.0                      |
| II Enterprises and individuals                            | 1,017.7           | 53.1                     | 2,350.9     | 47.0                     | 544.7             | 28.9                     | 1,570.1     | 36.0                     |
| 1 Direct investment                                       | 277.9             | 14.5                     | 752.7       | 15.0                     | 207.6             | 11.0                     | 624.2       | 14.3                     |
| Equity capital  | 201.6             | 10.5                     | 586.4       | 11.7                     | 99.5              | 5.3                      | 356.7       | 8.2                      |
| Direct investment loans (net)                             | 42.6              | 2.2                      | 27.9        | 0.6                      | 102.7             | 5.5                      | 249.8       | 5.7                      |
| Loans from direct investors                               | 64.8              | 3.4                      | 143.1       | 2.9                      | 110.6             | 5.9                      | 276.1       | 6.3                      |
| Loans to direct investors                                 | 22.2              | 1.2                      | 115.2       | 2.3                      | 7.9               | 0.4                      | 26.3        | 0.6                      |
| Real estate   | 33.6              | 1.8                      | 138.4       | 2.8                      | 5.4               | 0.3                      | 17.7        | 0.4                      |
| 2 Portfolio investment                                    | 470.8             | 24.6                     | 1,053.5     | 21.1                     | 227.8             | 12.1                     | 557.0       | 12.8                     |
| Shares  | 226.4             | 11.8                     | 311.3       | 6.2                      | 217.8             | 11.6                     | 457.4       | 10.5                     |
| Mutual fund shares  | 79.5              | 4.2                      | 305.0       | 6.1                      | 2.1               | 0.1                      | 38.2        | 0.9                      |
| Bonds and notes   | 161.3             | 8.4                      | 429.1       | 8.6                      | 6.3               | 0.3                      | 33.7        | 0.8                      |
| Money market instruments                                  | 3.5               | 0.2                      | 8.2         | 0.2                      | 1.7               | 0.1                      | 27.7        | 0.6                      |
| 3 Loans arising from financial relationships <sup>2</sup> | 175.4             | 9.2                      | 391.3       | 7.8                      | 72.1              | 3.8                      | 289.3       | 6.6                      |
| Short-term  | 163.2             | 8.5                      | 260.2       | 5.2                      | 46.2              | 2.5                      | 130.1       | 3.0                      |
| Long-term   | 12.2              | 0.6                      | 131.2       | 2.6                      | 25.9              | 1.4                      | 159.2       | 3.7                      |
| 4 Trade credits   | 72.9              | 3.8                      | 112.4       | 2.2                      | 35.8              | 1.9                      | 96.1        | 2.2                      |
| 5 Other assets/other liabilities                          | 20.6              | 1.1                      | 41.0        | 0.8                      | 1.4               | 0.1                      | 3.5         | 0.1                      |
| III General government                                    | 52.7              | 2.8                      | 42.0        | 0.8                      | 425.0             | 22.6                     | 741.6       | 17.0                     |
| 1 Participating interests in international organisations  | 14.1              | 0.7                      | 16.5        | 0.3                      | –                 | –                        | –           | –                        |
| 2 Portfolio investment                                    | –                 | –                        | 2.9         | 0.1                      | 401.9             | 21.4                     | 720.3       | 16.5                     |
| Shares  | –                 | –                        | 0.2         | 0.0                      | –                 | –                        | –           | –                        |
| Mutual fund shares  | –                 | –                        | 0.5         | 0.0                      | –                 | –                        | –           | –                        |
| Bonds and notes   | –                 | –                        | 2.1         | 0.0                      | 394.7             | 21.0                     | 696.0       | 16.0                     |
| Money market instruments                                  | –                 | –                        | 0.1         | 0.0                      | 7.2               | 0.4                      | 24.3        | 0.6                      |
| 3 Loans arising from financial relationships <sup>2</sup> | 38.0              | 2.0                      | 22.0        | 0.4                      | 22.7              | 1.2                      | 20.1        | 0.5                      |
| Short-term  | 16.0              | 0.8                      | 13.6        | 0.3                      | 7.3               | 0.4                      | 5.5         | 0.1                      |
| Long-term   | 22.0              | 1.2                      | 8.4         | 0.2                      | 15.4              | 0.8                      | 14.6        | 0.3                      |
| 4 Other assets/other liabilities                          | 0.6               | 0.0                      | 0.7         | 0.0                      | 0.4               | 0.0                      | 1.2         | 0.0                      |
| IV Bundesbank   | 95.3              | 5.0                      | 179.5       | 3.6                      | 8.2               | 0.4                      | 16.0        | 0.4                      |
| 1 Reserve assets  | 93.9              | 4.9                      | 92.5        | 1.8                      | –                 | –                        | –           | –                        |
| of which  |                   |                          |             |                          |                   |                          |             |                          |
| Gold  | 29.3              | 1.5                      | 62.4        | 1.2                      | –                 | –                        | –           | –                        |
| 2 Other assets/other liabilities                          | 1.4               | 0.1                      | 86.9        | 1.7                      | 8.2               | 0.4                      | 16.0        | 0.4                      |
| Total (I to IV)   | 1,915.8           | 100.0                    | 5,004.3     | 100.0                    | 1,882.1           | 100.0                    | 4,359.7     | 100.0                    |

1 Excluding the Bundesbank. — 2 Loans, loans against borrower's notes, bank deposits, assets acquired through assignment etc.

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*... and liabilities*

On the financing side, third countries have also become increasingly important for banks as a result of the increased acquisition of securities. At the end of 2007, foreign investors held German bank debt securities worth €854 billion. The percentage of bonds and money market paper issued by German banks and held by foreign investors has therefore quadrupled since the beginning of 1999. By comparison, the entire securitised liabilities of German banks rose only by around half their value in the same period, growing by just €516 billion, to €1,660 billion.

*Minor role of direct investment*

Compared with financial credits and securities, direct investment accounted for only a relatively small proportion of banks' external assets and liabilities (€96 billion and €56 billion, respectively). However, this is also due partly to the fact that, in the case of bank shareholdings, loans between affiliated companies are not shown under direct investments but, instead, under financial credits, and are therefore not included in these figures. In total, the net external position of monetary financial institutions amounted to €400 billion at the end of 2007.

### Enterprises and individuals

*Largest net creditor sector in Germany*

At €781 billion, the net external assets of enterprises and individuals were almost twice those of banks. This sector therefore constituted the largest net creditor of third countries. Overall, enterprises and individuals held external assets of €2,351 billion and external liabilities of €1,570 billion at the end of 2007.

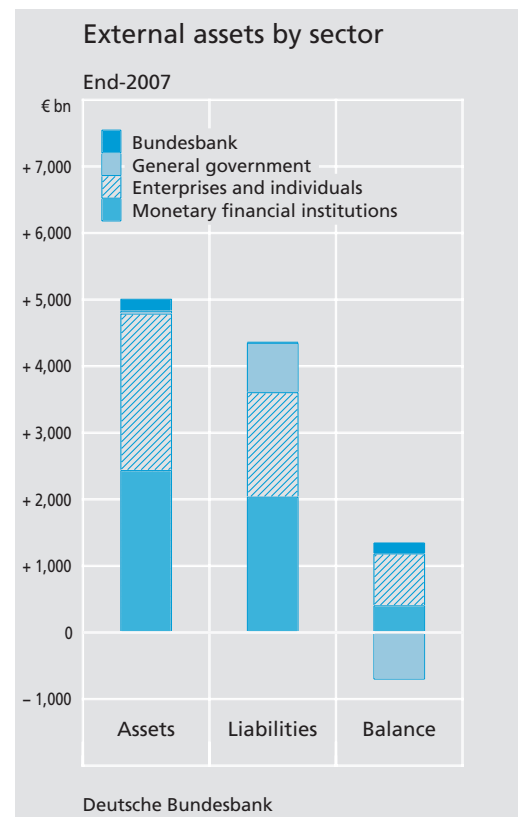
In terms of this sector's external assets, which also include investment funds (excluding money market funds) and insurance companies, securities accounted for the lion's share. At the end of 2007, the corresponding assets amounted to €1,053 billion, liabilities to €557 billion. German enterprises and individuals invested mainly in foreign bonds and notes (€429 billion) and foreign shares (€311 billion), although resident institutional investors played a significant role in both cases. The role of foreign mutual fund shares, which have almost quadrupled to €305 billion since January 1999, was not insignificant either. Moreover, individuals showed great demand for foreign fund products; such products are issued primarily by foreign affiliates of German financial institutions. With regard to the liabilities of enterprises and individuals, shares played an important role (€457 billion). They accounted for 80% of this sector's securitised paper liabilities. Non-resident investors now hold a substantial stake in many German stock companies – almost one-third in terms of market capitalisation (excluding direct investment). By contrast, the role of bonds and notes is insignificant since domestic firms traditionally raise funds through equity and loans. Furthermore, many enterprises active in the capital market have financial subsidiaries abroad which place their bonds in the international capital market. They are therefore not shown as domestic securities liabilities in the international investment position.

*Focus on securities*

Direct investment – the traditional form of cross-border integration – has soared in recent years, particularly in the corporate sector. At the end of 2007, enterprises and indi-

*Brisk development of direct investment*

viduals held foreign direct investment worth €753 billion compared with €278 billion at the beginning of 1999. Foreign proprietors, in turn, invested €624 billion in Germany (January 1999: €208 billion). The main destinations and countries of origin of direct investment are other European Union countries and the USA. These regions account for more than four-fifths of all primary direct investment – both German direct investment abroad and foreign direct investment in Germany.<sup>4</sup> Direct investment also includes cross-border loans between affiliated companies as these are considered a substitute for equity capital. Direct investment credits to foreign affiliates on the asset side of the international investment position amount to €28 billion and are thus substantially lower than direct investment credits on the liability side (€250 billion). There are two reasons for this. First, credits to foreign affiliates (€143 billion) are offset by substantial loans from foreign affiliates to their German parent companies (€115 billion). Second, the loan financing of affiliates in Germany by their foreign parent companies traditionally accounts for a large percentage of foreign direct investment in Germany. In terms of value, real estate, which is also classified as direct investment, plays a major role, particularly in the case of assets. Germans hold real estate abroad worth around €138 billion, while foreigners have real estate worth only €18 billion in Germany. It should be noted that the volume of real estate abroad was subject to considerable value appreciation which was not experienced to the same extent by property in Germany. Furthermore, German residents' holdings



abroad may be overstated as sales abroad to non-residents may not be fully recorded.

The international financial and trade credits of enterprises and individuals amounted to €504 billion at the end of 2007. By contrast, this sector had credit liabilities of €385 billion on its accounts. Half of the assets and one-third of the liabilities were attributable to short-term financial credits at the end of 2007. This was nonetheless a slight decline. The same applies to trade credits, which accounted for almost one-quarter of cross-border credit positions. At the beginning of monetary union, these accounted for about 30%. Thus, loans to enterprises and individ-

*High percentage of short-term loans*

<sup>4</sup> As of end-2006. See Deutsche Bundesbank, Foreign direct investment stock statistics, Special Statistical Publication 10, April 2008.

uals have shown a slight shift towards longer-term interest fixation despite the continued dominance of short-term rates in the past ten years.

### General government

*Traditional net debtors*

Public authorities in Germany are traditionally net debtors vis-à-vis third countries. At the end of 2007, their net debtor position was €700 billion. Debts had therefore almost doubled from their level at the beginning of 1999 (€372 billion). This is attributable mainly to strong international demand for Bunds, which, owing the high degree of security and liquidity offered by these instruments, has again risen sharply in the course of the financial crisis which began in the summer of 2007. Foreign investors held German government bonds totalling €720 billion at the end of 2007. In comparison, general government's external assets are relatively insignificant. They amounted to €42 billion and consisted mainly of participating interests in international organisations (€16 billion) and financial credits (including bank deposits) (€22 billion).

### Bundesbank

*Net external assets*

Assets, by contrast, played a dominant role in the international investment position of the Bundesbank. At the end of 2007, external assets amounted to €179 billion. They were partly offset by liabilities of €16 billion, which consisted mainly of foreign central bank deposits. The Bundesbank's external assets include currency reserves (€93 billion) and other assets (€87 billion), which also contain

asset balances arising in connection with the large-value payment system TARGET.<sup>5</sup> These are subject to significant fluctuation on specific dates and are ultimately of a purely transitional nature. The volume of currency reserves has barely changed since the beginning of monetary union as value increases resulting from revaluations, especially of gold, have offset decreases relating to exchange rates and transactions.

### Euro area's influence on financial integration

The introduction of the euro in 1999 marked an important watershed for international players. This applies to both the real economy, where it stimulated foreign trade, and the financial sector. Here, the disappearance of exchange rate risks facilitated cross-border investment in the euro area. Furthermore, it is now possible for investors tied to the national currency to invest abroad to a far greater extent. Conversely, the financing basis of debtors also expanded as a result of the enlarged currency area. However, they have since faced tougher competition for investment capital. This has, in many instances, led to investor-friendly issue terms.

*Introduction of euro as turning point*

The benefits of the introduction of the euro in terms of cross-border financial transactions gave rise to the assumption that there would be greater financial integration between euro-area countries. From an investor's perspective, however, it should be noted that all

*Effects a priori unclear*

<sup>5</sup> Since 19 November 2007, TARGET2-Bundesbank.

euro-area countries could also be exposed to stronger coincident shocks. Although this is not necessarily a deterrent for more foreign investment, it encourages greater risk diversification – particularly in relation to currency – and thus favours investment outside the euro area.<sup>6</sup> In the end, only empirical analyses can reveal the factors which shaped investment and financing decisions.

*Realignment of  
financial  
assets ...*

From a German perspective, two findings are particularly important.

(1) Financial asset and financing activities have become more international, as described above. In the period under review, external assets and liabilities increased at a much quicker pace than other comparable financial relationships in Germany. The home bias therefore decreased.

(2) The significance of euro-area countries within Germany's international investment position has grown considerably.<sup>7</sup> Other euro-area countries accounted for only around 39% of Germany's external assets and 36½% of external liabilities at the beginning of monetary union compared with 50% and 51½%, respectively, at the end of 2007.<sup>8</sup> Germany is therefore more financially integrated in the euro area than it is in a real economic sense. By way of comparison, the euro area accounted for 41½% of German trade in 2007 and 37% of cross-border services. This strong proportional shift has not, however, led to a regional regrouping of investments recorded in the IIP. Germany's assets and liabilities vis-à-vis countries inside and

outside the euro area have increased in absolute terms, albeit at different speeds.

Regional realignment is particularly evident in portfolio investments, which have already expanded at a disproportionate rate owing to the growing trend towards securitising financial relationships. Around two-thirds of German securities claims vis-à-vis other countries and more than half of securities liabilities related to euro-area countries at the end of 2007. In both instances, debt securities played the most important role. From the perspective of German investors, yield considerations were the main incentive for taking part in other euro-area countries' euro issues once exchange rate risks had disappeared. The yields on these countries' government bonds have been consistently higher than those on Bunds in recent years.<sup>9</sup> As Bunds provide

*... especially  
securities*

<sup>6</sup> The target country of an asset and the denomination currency are not always fully reconcilable. Particularly in the case of debt securities, many countries outside the euro area use the euro as the issue currency.

<sup>7</sup> The regional classification of the international investment position always refers to the composition of country groups, and thus the euro area, as of the relevant reporting date. Regional analyses of Germany's external assets use, among other things, information from the IMF's Coordinated Portfolio Investment Survey, in which the Bundesbank also takes part. This allows a reliable regional classification of securities liabilities, even when the original purchaser and actual holder are residents of different countries (see explanations on pp 26-27).

<sup>8</sup> Data for the beginning of monetary union date from the end of June 1999. No complete international investment position vis-à-vis euro-area countries is available as of 1 January 1999.

<sup>9</sup> Relationships with other euro-area countries in the field of securities were also chiefly influenced by developments in mutual fund shares. German investors (including MFIs) increased their stocks of foreign mutual fund shares by €247 billion to €331 billion between 1999 and 2007 (€319 billion of which was attributable to the euro area). Affiliates of German financial institutions based in Luxembourg provided a large percentage of the underlying mutual funds. Part of the fund assets may have flowed back into the German securities markets. This theory is supported by the large share of German securities liabilities held by Luxembourg.

## Evolution of home bias in portfolio investment

The regional diversification of the securities portfolio held by residents is a widely used measure of a country's financial integration into the world economy. If there are no transaction costs and market participants are perfectly informed, the international version of the Capital Asset Pricing Model (CAPM) put forward by Solnik (1974) assumes the regional structure of national securities portfolios to be identical in all countries and to correspond to the global portfolio.<sup>1</sup> In the real world, however, securities portfolios differ considerably from this ideal "benchmark" in nearly all countries and display a distinct bias towards domestic securities. This phenomenon, referred to in the literature as "home bias", is attributable largely to transactions costs in the broadest sense of the term and to imperfectly informed investors, especially with regard to securities issued by non-residents.<sup>2</sup>

The regional composition of the long-term securities (shares, mutual fund shares and debt securities with a maturity of more than one year) featuring in Germany's external assets position will be examined in depth below. The global portfolio is represented by the securities portfolios of the euro area (changing composition), the United Kingdom, Japan and the United States.<sup>3</sup>

Since the introduction of the euro, there has been a tendency towards a reduction in the home bias of German investors' securities portfolios.<sup>4</sup> The share of domestic instruments in German investors' securities portfolio has dropped from as much as 79% at the beginning of monetary union to 58% at the end of 2007. At both reference dates, German securities made up 6% of the global portfolio (see the chart on page 25). At the beginning of

monetary union, the securities of other euro-area countries were slightly underrepresented in German portfolios at 11% compared with their share of the global market (12%). However, their share has been continuously rising and is now around 12 percentage points higher than the benchmark. The decline in domestic investors' home bias has therefore coincided with a growing preference for instruments from the rest of the euro area (euro-area bias).

The regional structure of securities liabilities can also be studied in a similar manner. It turns out that, in the past few years, the percentage of German securities held by non-residents has increased, too. Whereas around 95% of the securities outstanding worldwide have been in the portfolios of non-residents (from a German perspective) – with practically little change since the introduction of the euro – only 27% of German securities were held by non-residents at the beginning of 1999. By the end of 2007, this percentage had risen to 47%. The situation is somewhat different vis-à-vis the rest of the euro area. Investors in the euro area excluding Germany were already the holders of 16% of German securities at the end of 2001, 6 percentage points higher than their share of the global portfolio.<sup>5</sup> In subsequent years, the euro-area bias grew even more intensely on the liability side of Germany's external position (to 26% compared with the theoretical benchmark of 14%). What is particularly noteworthy is the high percentage of German debt securities outstanding held by investors who are resident in the rest of the euro area (31%) owing to the liquidity and security these instruments provide.

<sup>1</sup> B Solnik (1974), An Equilibrium Model of the International Capital Markets, *Journal of Economic Theory*, 8, pp 500-524. — <sup>2</sup> Recent studies of the determinants behind the regional composition of securities portfolios include P R Lane (2005), *Global Bond Portfolios and EMU*, ECB Working Paper Series No 533 and P R Lane and G M Milesi-Ferretti (2004), *International Investment Patterns*, CEPR Discussion Paper No 4745. — <sup>3</sup> The international investment position,

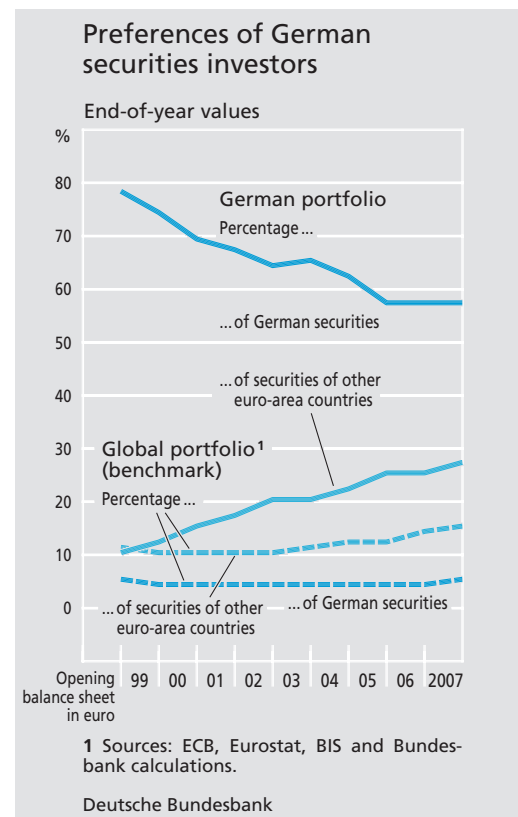
by contrast, shows claims on, and liabilities to, all countries. This leads to a slight understatement of the home bias as Germany's share of the global portfolio is somewhat overestimated. — <sup>4</sup> End-of-year levels are shown. The 1998 value corresponds here to the "opening balance sheet" on 1 January 1999. — <sup>5</sup> A comparable breakdown by region of German securities portfolios held by non-residents was not possible prior to 2001; see explanatory notes on pp 26-27.



credit and liquidity advantages for investors, however, they appear to be an attractive “safe haven” for foreign investors, particularly in times of heightened market tension. A role was also played by supply-side influences such as the temporary increase in issues of public bonds in Germany as a result of higher budgetary deficits at the beginning of this decade and increased direct refinancing in the capital market. In addition, central and state government tried to make their issues appealing to national and particularly international investors, for example, by increasing issue volumes, publishing an issue calendar and jointly issuing jumbo bonds.<sup>10</sup> As mentioned above, banks increasingly sought refinancing in the international capital market.

*From home bias to euro-area bias*

More recent empirical studies also confirm the above trends from another perspective. They show that the share and bond portfolios of German investors did, in fact, become more international in the period under review, despite a persistently substantial deviation from the “theoretical benchmark” resulting from the international Capital Asset Pricing Model (CAPM). The same trend can be seen in foreign portfolio investment in Germany. Germany’s financial relationships with other euro-area countries go – by contrast – well beyond the dimensions attributed to the euro area because of its economic weight (see explanations on p 24). Hence, the decreasing home bias seems to have been offset by an increased euro-area bias.



More broadly-based econometric studies, which take into account other determinants of portfolio investments, such as trade integration, information differentials and geographical distance, also support this hypothesis. Financial globalisation seems – at least in the case of bonds – not to be uniform, but rather to lead to strong mutual ties between euro-area countries.<sup>11</sup>

<sup>10</sup> See Deutsche Bundesbank, Structural changes in the German capital market in the run-up to European monetary union, Monthly Report, April 1998, pp 55-69, and Deutsche Bundesbank, The market for federal state bonds, Monthly Report, June 2008, pp 31-46.

<sup>11</sup> See P R Lane (2005), Global Bond Portfolios and EMU, ECB Working Paper Series No 533.

## Regional breakdown of German securities liabilities according to the Coordinated Portfolio Investment Survey

The regional classification of a country's securities liabilities is generally fraught with difficulties. At a national level, usually only the direct purchaser can be recorded statistically and not the actual holder of a security.<sup>1</sup> This problem also occurs when drawing up the German international investment position. Thus, on account of the importance of the City of London, the United Kingdom plays a dominant role in the direct purchase of German securities. The Coordinated Portfolio Investment Survey (CPIS), a survey of portfolio stocks in individual countries, which the IMF has coordinated for several years and in which Germany also participates, now offers considerable additional information which can be used to create a more reliable picture of the foreign holders of German securities.<sup>2</sup>

A total of 74 countries currently take part in the survey. At the end of 2006 – the most recent year for which data are available – they recorded portfolio investments of around US\$32,400 billion. The United States and the United Kingdom, the two countries with the largest securities markets, play the most important role in both the provision and absorption of funds. Furthermore, the mutual ties between them are exceptionally strong. At the end of 2006, German securities worth US\$2,540 billion (or €1,929 billion) were reported to be in foreign hands. This largely corresponded to the German secu-

rities liabilities that were recorded at that time in the international investment position (€1,931 billion).<sup>3</sup>

The CPIS therefore essentially offers a useful database for analysing the breakdown of holders of German securities abroad. However, it must also be remembered that economically important countries, such as China, India or oil-producing countries in the Middle East, do not take part in the survey. Another disadvantage is that it takes more than a year for the data to become available. Therefore, at the current end, adjustments need to be made to the way the data are used.

The regional classification is based on the total stock of German securities held abroad. The total stock appearing in the international investment position will continue to be calculated this year using the cumulated net turnover in the balance of payments (see the annex on pp 28-32).<sup>4</sup> The stocks are valued at prevailing market prices using estimates which are made separately for the individual instruments. The total stock is allocated to the individual countries in two steps.

- For CPIS-participating countries, the shares calculated in this survey are used.<sup>5</sup>
- For the other countries, as before, the cumulated net transactions are used as a basis.

<sup>1</sup> The purchaser and the holder are not one and the same if the original purchaser – often a bank – sells on the security. If the purchaser and the holder are domiciled in different countries, the regional break-

down of the securities liabilities can no longer be reliably ascertained on the basis of the transaction data. — <sup>2</sup> See IMF, Coordinated Portfolio Investment Survey – Guide, second edition, 2002. — <sup>3</sup> The two sets

Overall, the following picture emerges of holders of German securities abroad at the end of 2007. Around 56% of German interest-bearing instruments and equities in foreign investors' portfolios were held by investors from other euro-area countries, with Luxembourg, an important fund location, accounting for 13% of this and France for 10%. This can be taken as evidence for the close interdependence of the capital markets in the euro area (see the adjacent chart). At 11% (USA) and 6% (UK), the Anglo-Saxon countries, which traditionally have a strong preference for capital-market-oriented financing, also invested heavily in German securities. Japan, the country with the highest level of net external assets, accounted for 8%. It is noteworthy that the foreign central banks of CPIS-participating countries held around 13% (€265 billion) of the German securities purchased by non-residents as currency reserves. It is likely that these were primarily Bunds, which are characterised by a high degree of liquidity and security.

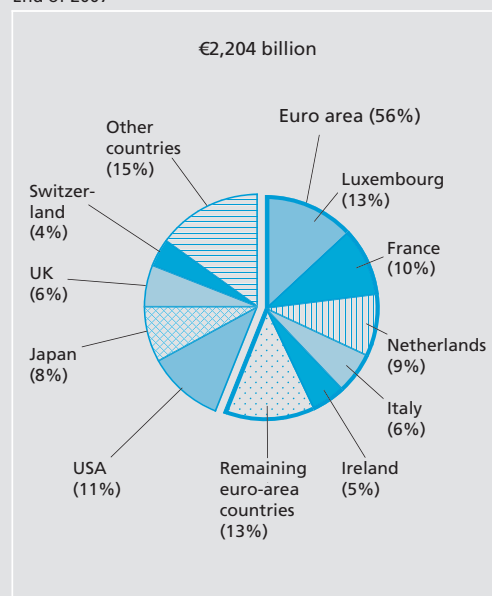
A comparison of the percentage shares of the individual holding countries with those of the initial counterparties, as shown in the balance of payments, allows conclusions to be drawn on the importance of individual countries as trading centres for German securities. The UK, which, on account of the City of London, has a 55% share of the sales and purchases of German securities recorded in the balance of payments, is in first place in this respect.

of statistics differ with regard to the methodology used for both the collection and the valuation. — 4 From 2009, the total volume of German securities held by non-residents will be calculated for each type

As already mentioned above, however, the UK accounts for only 6% of German securities held abroad. The vast majority of securities purchased are evidently sold on to investors in other countries. France also plays a more important role as a direct counterparty in German securities transactions than is shown in the regional breakdown of holders of securities.

#### Regional breakdown of German securities liabilities

End of 2007



of security by deducting the portfolio investment of German residents from the market volume. — 5 As the 2007 CPIS data are not yet available, the 2006 shares were used.

## Annex

### Methodological notes on the international investment position

|                            |  |   |                                    |
|----------------------------|--|---|------------------------------------|
| <i>Definition</i>          | <p>The international investment position (IIP) is a financial statement setting out a country's external financial assets and liabilities valued at market prices at a specific reference date. The holdings included in the IIP, or to be more precise changes in these holdings, reflect not only financial transactions, which are also included in the balance of payments, but also changes to market prices and exchange rates within a given period. The IIP is drawn up on the basis of the IMF's Balance of Payments Manual (fifth edition).<sup>12</sup></p>   | <p>The enterprises and individuals sector includes all enterprises and individuals based or resident in Germany (both employed and self-employed persons and all other private individuals) as well as insurance and investment companies and their funds, with the exception of money market funds, which are classified as MFIs.</p>  | <i>Enterprises and individuals</i> |
| <i>Breakdown by sector</i> | <p>The asset and liability positions included in the IIP (external receivables and payables) are broken down by domestic sector. These sectors comprise monetary financial institutions (MFIs), enterprises and individuals, general government, and the Bundesbank as the monetary authority. On the asset side, data are broken down by the domestic sector holding the asset; the IIP reflects the market value of a sector's external financial assets. By contrast, items on the liability side are broken down by the domestic sector of issuance; the IIP therefore measures the market value of a sector's external liabilities.</p> | <p>Besides central, state and local government, the general government sector also includes the social security funds.</p>  | <i>General government</i>          |
| <i>MFIs</i>                | <p>Monetary financial institutions include all institutions that accept deposits or near-deposits from non-MFIs and grant loans for their own account and/or invest in securities. The MFI sector therefore comprises all credit institutions resident in Germany and domestic money market funds. The Bundesbank, as the national central bank, is not included in this sector for the purposes of the IIP.</p>   | <p>The Bundesbank as the national central bank represents the fourth sector and provides information on reserve assets, other claims arising from securities as well as receivables and payables arising from loans and deposits.</p>   | <i>Bundesbank</i>                  |
|                            |  | <p>In addition, the IIP includes a breakdown by underlying instrument. These are divided into the main categories direct investment, portfolio investment and other capital investments (mainly loans and deposits), and reserve assets, which are relevant only for the Bundesbank.</p>  | <i>Breakdown by instrument</i>     |
|                            |  | <p>Direct investment comprises participating interests, for instance in the form of equities and other capital stakes, and also loans to affiliated enterprises abroad provided the stakeholding or the share of voting rights held is at least 10%. In addition, direct investment includes cross-border ownership of real estate.</p> | <i>Direct investment</i>           |
|                            |  | <p>Portfolio investment includes equities, where these are not counted as direct investment, as well as</p>   | <i>Portfolio investment</i>        |

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<sup>12</sup> Work is currently in progress on the sixth edition, which is scheduled to be published in 2009.

mutual fund shares, bonds and notes, as well as money market paper.

*Loans and deposits*

Loans are broken down into trade and financial loans and differentiated by maturity. In addition, this item includes the respective sector's (bank) deposits.

*Reserve assets*

The Bundesbank's reserve assets comprise gold holdings, claims on the IMF (Special Drawing Rights, or SDRs, and the IMF reserve position) and foreign currency reserves.

**Data sources and data compilation**

*Publication and revision practices*

The IIP is published quarterly, three months after the end of the reference quarter, and annually, nine months after the end of the reference year. The annual IIP differs from the quarterly IIP in that its data base is more exact. Once the annual IIP has been drawn up, the previously published quarterly data are adjusted and/or revised. The information for the quarterly IIP are frequently based on estimates. By contrast, when determining the year-end positions to be published in September, all IIP items are recalculated from scratch taking into consideration the primary statistical data that have since become available. The calculation is based not only on the current reporting year, but also includes the last four reporting years including the associated quarterly data. In geographical terms, the year-end levels are also broken down to the level of the individual countries specified in the country list. Consequently, any major methodological changes and/or revisions have in the past been carried out in September of the year concerned and then made public in a press release.

*Data sources: stock data ...*

The IIP should always be calculated using the available stock data. Here, the Bundesbank can draw

on banking statistics in the form of banks' monthly balance sheet statistics and external status as well as enterprises' external status. Statistics on direct investment stocks are based on the annual reports on direct investment abroad submitted by enterprises<sup>13</sup> and individuals and the reports of foreign enterprises and individuals on their direct investment in Germany. This information is also used to establish the IIP. The statistics on investment funds are also included in the calculation of the IIP. An additional source of data – securities deposit statistics, which reflect domestic and foreign depositors' securities holdings with domestic custodian banks on a security-by-security basis every quarter – was added at the end of 2005. In addition, the Bundesbank's accounting division also provides monthly data with which to calculate its external position.

Transactions (buying and selling) may result in changes in holdings, or their value may fluctuate as a result of stock price and market price movements. The IIP therefore includes not only stock data but also balance of payment transaction reports provided by resident MFIs and enterprises. The latter are used to establish estimates where no up-to-date stock data are available. In this case, turnover is aggregated, and individual holdings are determined using additional calculations and estimates.

The annual stock statistics on direct investment are the basis on which the appropriate IIP positions are calculated. All enterprises and individuals in Germany which hold stakes or voting rights of 10% or more in an enterprise abroad or in which foreign investors own a stake or voting rights of 10% or more are required to submit a report. Currently,

*... transactions and estimates*

*Direct investment*

---

<sup>13</sup> This includes credit institutions.

those with a balance sheet total of less than €3 million are exempt.

*Equity capital*

The sub-item equity capital is calculated from nominal capital data and the pro-rata reserves. Since the reporting year 2004, capital stakes in listed enterprises are valued at market prices based on stock prices as at the reference date. Equity capital in non-listed enterprises is valued at the respective book values as listed in the enterprises' balance sheets on the reporting date.

*Direct investment loans*

Direct investment loans may take the form of loans by direct investors to their affiliates or of reverse investment, ie loans extended by subsidiaries to their parent companies. Here, the "directional principle" applies for statistical purposes. Under this principle, all credit transactions that can be traced back to a German investment abroad, ie both parent companies' claims against their foreign subsidiaries and the parent companies' liabilities to their foreign affiliates, are booked on the asset side of the IIP. The German parent companies' credit liabilities to their foreign subsidiaries are deducted from their credit claims. The liability side, by contrast, depicts the financial ties between foreign parent companies and their domestic subsidiaries. Again, the foreign parent companies' credit liabilities to their German subsidiaries are deducted from their credit claims. Loans are reported at book value. Where an MFI is involved in the credit relationship between affiliated enterprises, either as a lender or borrower, the receivables or payables in question are counted not as direct investment but as financial loans.

*Real estate*

The item real estate comprises the domestic and foreign real estate holdings of banks, enterprises and individuals. It is classified as direct investment. As there are no stock statistics for this item, figures

have to be estimated on the basis of aggregate balance of payments transactions and valued at prevailing market prices. The Federal Statistical Office provides a special price index for domestic real estate, while foreign property and real estate are valued with the aid of a price index drawn up by the Bank for International Settlements (BIS).

The annual direct investment stock statistics are not available until around 15 months after the end of the reference year. In order to be able to provide up-to-date information on equity capital despite this delay, the transactions as recorded in the balance of payments statistics, which have been conducted in the meantime, are added to the latest available stock statistics. Direct investment loans are also estimated for periods for which no balance sheet information is available.

With the publication of the IIP for year-end 2007, securities holdings were, for the first time, determined using real security-by-security stock statistics. However, this procedure is currently applied only to the asset side, ie to foreign securities held by German investors, and to reporting periods from the end of 2006.

Pursuant to an ECB guideline (2004/15), portfolio investment for the IIP should always be measured on a security-by-security basis. The percentage of holdings not determined on a security-by-security basis must not exceed 15% of total securities claims and liabilities on the reference date. To comply with ECB requirements, the Bundesbank's securities deposit statistics were extended accordingly at the end of 2005. Since then, German custodian banks report their own portfolio holdings and their clients' securities holdings on a security-by-security basis once a quarter. The Centralised Securities Database (CSDB) set up by the ESCB is

*Special features*

*Portfolio investment*

*Security-by-security compilation*

used to calculate IIP positions based on the security-by-security data. The CSDB is a centralised securities database containing a range of statistically relevant information on every security. By merging information on both security-by-security holdings and securities master data in one database, various securities aggregates such as securities receivables and payables for the IIP can be determined comparatively flexibly.

*Transaction data formerly aggregated*

Securities claims for the reporting periods prior to the end of 2006 were determined by aggregating the securities sales and purchases listed in the balance of payments per type of security. To this end, the transaction values from the balance of payments statistics were converted into nominal values with the aid of average stock market prices and exchange rates or indices during a period and added to the nominal holdings of the preceding period. Holdings at market prices were based on nominal holdings valued at the stock market prices and exchange rates on the reference date. The Morgan Stanley Composite Index was used to determine the market value of nominal foreign share holdings, while information provided by JP Morgan and data from Merrill Lynch on interest rates and yields by type of bond and remaining time to maturity was used for bonds.

*Exceptions*

However, this calculation method was not applied to MFIs' securities claims, as these holdings were reported as part of the monthly balance sheet statistics, or to foreign money market paper, for which stock data had already been supplied in the past.

*General government securities claims*

To date, it had been assumed that general government holds no securitised external assets. Consequently, no holdings were reported on the asset side of the IIP for this sector. As the new securities deposit statistics show that general government

does indeed invest in foreign securities, albeit at comparatively low levels, the appropriate information was included in the IIP for the reporting periods from the end of 2006 onwards when the procedure for collecting statistics was revamped.

The collection procedure pursuant to ECB/2004/15 is scheduled to be introduced on the liability side in 2009. It is to be phased in gradually and concluded with the presentation of the annual IIP for 2008 in the autumn of 2009. German securities liabilities are currently still calculated merely by aggregating balance of payments transactions, ie much as securities claims were for the reporting periods prior to the end of 2006. Domestic shares are valued at market prices based on the DAX. Bonds issued by both the public and private sectors and reported on the liability side are valued at average prices as listed in the issuance statistics.

By contrast, the future compilation of real stock data is intended to allow securities liabilities, too, to be measured more precisely than in the past. Unlike securities claims, however, holdings of German securities cannot be determined by questioning foreign investors directly, nor can this information be reliably gleaned from data provided by custodian banks. They are therefore determined indirectly using the subtraction method. Two stock measures are necessary to apply the subtraction method on a security-by-security basis: the total volume of the domestic security in circulation (ie the original issuance volume minus any redemptions) and the total volume of this security held by residents (resident holdings). The IIP securities liabilities, ie the volume of domestic securities owned by non-residents, are then calculated as the difference between total volume in circulation and resident holdings.

*Changeover planned on liability side*

*Subtraction method used to determine securities liabilities*

*Loans and deposits*

The data on loans and deposits are compiled on the basis of banks' external status as well as the external status of enterprises, individuals and general government. Loans are broken down by type of loan (trade loan, financial loan) and maturity (maturity of up to or more than one year).

and monetary authorities in a foreign currency as well as foreign currency investments in the form of securities issued by non-residents. The term "non-resident" is defined as all those not resident within the euro area.

*Reserve assets*

The Bundesbank's reserve assets comprise gold, claims against the IMF (reserve positions in the International Monetary Fund and Special Drawing Rights) and foreign currency reserves. Foreign currency reserves are liquid, secure and marketable receivables and deposits with non-resident MFIs

Data on reserve asset holdings are compiled on the basis of information provided by the Bundesbank's accounting division. Gold is valued at the prices prevailing on the London Gold Exchange on the reference date, while foreign currency receivables are valued at the relevant exchange rates; SDR prices are applied to IMF reserve positions.

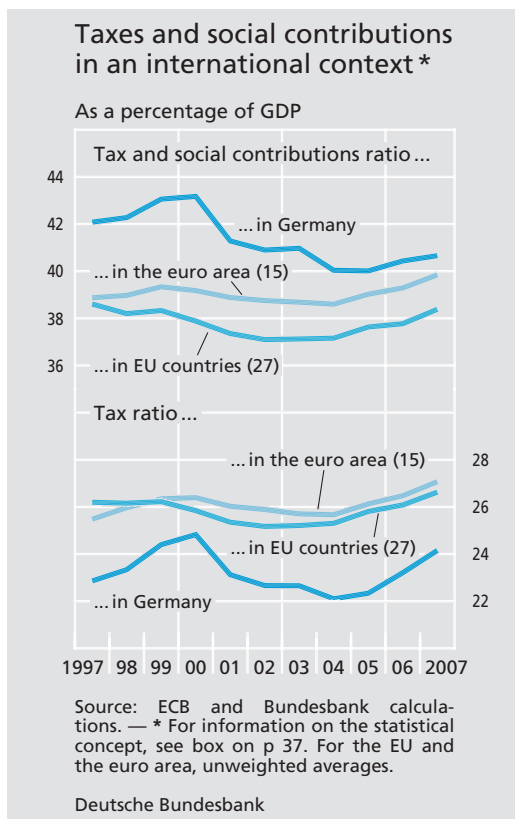
*Special features*



## Development of tax revenue in Germany and current tax policy issues

Over the last ten years, tax revenue in Germany fluctuated greatly and, at times, unexpectedly. This was due, in particular, to the extremely volatile nature of profit-related taxes. Overall, the tax ratio rose and, at the end of the period under review, was high even by historical standards. This rise was driven by increases in consumption-related taxes, which significantly outweighed the tax relief which was granted predominantly by the reform of income tax and business tax in 2000. By contrast, the combined tax and social contributions ratio declined on balance. The increased allocation of taxes towards co-funding the social security schemes was one of the factors which contributed to the diverging trends in the tax ratio and the combined tax and social contributions ratio.

An efficient tax and social contributions system and a contained tax burden are essential for creating an environment conducive to growth. A more transparent system could help improve the degree of public acceptance and reduce distortions. Thus the need to lower tax rates and limit special provisions for many types of taxes remains on the tax policy agenda. Furthermore, the degree of equivalence between social contributions and corresponding insurance benefits for the contributor could be strengthened by adopting a coherent strategy of tax-funding non-insurance-related benefits.



### General trends in the tax ratio and the combined tax and social contributions ratio over the last ten years

*Tax ratio volatile and higher overall*

Over the course of the last ten years, Germany has seen some extremely volatile and erratic developments in its tax revenue. This has been a major contributory factor to the considerable fluctuations in the general government deficits. Sharp revenue growth from 1997 up to the turn of the century was followed by a phase of decidedly weak revenue growth against the backdrop of an unfavourable macroeconomic momentum and comprehensive income tax cuts. This situation only reversed around the middle of the current decade and was notably reinforced by the substantial additional revenue ensuing from the raising of the standard VAT rate last

year. By the end of 2007 the tax ratio, that is tax revenue in relation to gross domestic product (GDP), again edged closer to the high level recorded in 2000, which is also elevated in a longer-term comparison (see adjacent chart and table on page 35 for details on the figures and the box on page 37 for the statistical concept). The high revenue volatility was due not only to legislative changes but also to the development of profit-related taxes, which fluctuated wildly and often unpredictably. At the end of the period under review, the level of revenue from profit-related taxes probably again distinctly exceeded the medium-term trend.

Consumption tax rates have been raised across the board as part of changes in tax legislation. By contrast, income tax rates (including business taxes) have been lowered, and this was offset only in part by counterfinancing measures.<sup>1</sup> Nevertheless, there was only a slight shift in relative weights from income-related taxes to consumption-related taxes on balance as, in the wake of rising income, the progressive structure of the income tax regime causes the income tax burden to increase automatically over time (fiscal drag) and the assessment bases for consumption-related taxes grew relatively sluggishly.

*Slight shift towards consumption-related taxes*

While on balance the tax ratio increased by 1½ percentage points over the last ten years to 24½% in 2007, the combined tax and social contributions ratio (ratio of revenue from taxes and social contributions to GDP) de-

*Declining tax and social contributions ratio and structural shifts*

<sup>1</sup> The general trends described here and in the following sections remain valid even after taking account of the tax relief provided by the 2008 business tax reform.

## Development of the tax and social contributions ratio \*

Ratios as a % of GDP

| Item                                  | 1997 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|
| <b>Taxes and social contributions</b> | 42.2 | 43.3 | 41.4 | 41.0 | 41.1 | 40.2 | 40.1 | 40.6 | 40.8 |
| <b>Tax revenue</b>                    | 23.0 | 25.0 | 23.3 | 22.8 | 22.8 | 22.2 | 22.5 | 23.3 | 24.3 |
| Income-related taxes                  | 11.9 | 13.3 | 11.7 | 11.4 | 11.3 | 11.0 | 11.2 | 12.1 | 12.5 |
| Wage tax                              | 8.5  | 8.5  | 8.1  | 8.2  | 8.1  | 7.5  | 7.2  | 7.2  | 7.3  |
| Profit-related taxes                  | 3.4  | 4.8  | 3.6  | 3.2  | 3.2  | 3.5  | 4.0  | 4.9  | 5.3  |
| Consumption-related taxes             | 10.1 | 10.6 | 10.5 | 10.4 | 10.5 | 10.2 | 10.2 | 10.2 | 10.7 |
| Turnover tax                          | 6.4  | 6.8  | 6.6  | 6.4  | 6.4  | 6.2  | 6.2  | 6.4  | 7.0  |
| Other                                 | 3.7  | 3.8  | 4.0  | 4.0  | 4.2  | 4.0  | 4.0  | 3.9  | 3.7  |
| Other taxes                           | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| <b>Social contributions</b>           | 19.2 | 18.3 | 18.2 | 18.2 | 18.3 | 17.9 | 17.7 | 17.2 | 16.5 |

Sources: Federal Statistical Office, Federal Ministry of Finance, Bundesbank calculations. — \* For information on the statistical definition, see box on p 37.

Deutsche Bundesbank

creased by 1½ percentage points to 41%. This was associated with a clear rise in the share of taxes relative to social contributions and a perceptible shift in the revenue structure from income-related levies to consumption-related taxes. The social contributions ratio fell mainly because social security spending in relation to GDP was lower in 2007 than it was in 1997 and the tax-financed share of the social security funds was lifted significantly by a substantial topping-up of Federal grants. A factor contributing to the decline of the ratio was the net lowering of contribution rates to the social security funds between 1997 and 2007. An even weightier factor was that the growth of the assessment bases for contribution receipts (gross wages and salaries, in particular) lagged behind that of GDP. In terms of public

finances as a whole, a decline in the wage ratio means that both the general government revenue and expenditure ratios fall almost automatically (that is without fiscal policy intervention) as numerous social benefits on the expenditure side are linked to the average growth of wages and remuneration in the public sector is also based on this growth.

Measured by international standards, the German tax and social contributions ratio has been declining towards the euro-area average since 1997 and in 2007 was just above

*Tax and social contributions ratio above EU average*

## Development of tax ratios and their determinants \*

Year-on-year change in ratios in percentage points

| Item                             | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 1998<br>to<br>2007 1 |
|----------------------------------|------|------|------|------|------|------|------|------|----------------------|
| <b>Tax revenue</b>               | 0.4  | -1.7 | -0.5 | 0.0  | -0.6 | 0.2  | 0.9  | 0.9  | 1.3                  |
| Legislative changes              | 0.2  | -0.9 | 0.6  | 0.3  | -0.5 | -0.2 | 0.1  | 1.1  | 1.2                  |
| Fiscal drag                      | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | 1.0                  |
| GDP structural shift             | -0.1 | 0.0  | -0.2 | 0.0  | 0.0  | 0.1  | 0.0  | -0.4 | -0.7                 |
| Residual                         | 0.2  | -0.9 | -1.0 | -0.4 | -0.1 | 0.3  | 0.7  | 0.1  | -0.2                 |
| <b>Income-related taxes</b>      | 0.5  | -1.6 | -0.3 | -0.1 | -0.3 | 0.3  | 0.9  | 0.4  | 0.6                  |
| Legislative changes              | -0.1 | -1.1 | 0.4  | 0.0  | -0.6 | -0.3 | 0.1  | -0.1 | -1.8                 |
| Fiscal drag                      | 0.2  | 0.2  | 0.1  | 0.2  | 0.2  | 0.1  | 0.1  | 0.1  | 1.4                  |
| GDP structural shift             | -0.1 | -0.1 | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0                  |
| Residual                         | 0.5  | -0.6 | -0.8 | -0.3 | 0.0  | 0.4  | 0.6  | 0.4  | 1.0                  |
| <b>Consumption-related taxes</b> | 0.0  | -0.1 | -0.1 | 0.1  | -0.3 | 0.0  | 0.0  | 0.5  | 0.6                  |
| Legislative changes              | 0.2  | 0.2  | 0.2  | 0.3  | 0.1  | 0.1  | 0.0  | 1.2  | 3.0                  |
| Fiscal drag                      | -0.1 | -0.1 | 0.0  | -0.1 | -0.1 | -0.1 | -0.1 | 0.0  | -0.5                 |
| GDP structural shift             | 0.0  | 0.0  | -0.1 | 0.1  | -0.1 | 0.0  | -0.1 | -0.4 | -0.6                 |
| Residual                         | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.1 | 0.1  | -0.3 | -1.3                 |

Sources: Federal Statistical Office, Federal Ministry of Finance, Bundesbank calculations. — \* For information on the method of calculating the determinants of the

development using the disaggregated framework, see box on pp 38-39. — 1 Total changes from 1998 to 2007.

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the EU average (see chart on page 34).<sup>2</sup> By contrast, the German tax ratio is comparatively low; however, unlike in other EU countries, the social security system in Germany is financed to a large extent by social contributions (rather than taxes). When comparing the tax and social contributions burden at international level, it is therefore advisable to consider taxes and social contributions jointly.

Hence overall tax and social contributions ratios, but also GDP ratios for individual tax and contribution types, are a customary international basis for analysing and classifying the development of taxes and social contributions as well as their impact on public finances. However, conclusions with regard to the underlying concrete burdens based on revenue-related observations should be

drawn with caution. For instance, social contributions function less as a distortionary tax if they are more closely linked to the social benefits accruing to the contributor (equivalence principle). Similarly, differences in the extent to which the recipient is taxed on social benefits (gross or net payment) or the possibility of providing a subsidy either by means of financial assistance or tax concessions, can significantly inhibit comparability. In addition, the ratio is influenced by the combination of the legislative setting and economic agents' behaviour, ie it also dependent

<sup>2</sup> The shift from income-related levies to consumption-related taxes and the volatility of profit-related taxes observed in Germany have also been recorded in many other EU countries, see European Commission (2008a), Taxation trends in the European Union, and, for information on current developments and revenue volatility, see European Commission, Public Finances in EMU – 2008, in particular p 100 ff.

*Need for  
caution in  
interpreting  
effective  
burdens*

on their (legal and illegal) evasive reactions. A high tax rate could, for example, lead to low ratios if tax payers partially evade taxation.

*Other indicators also point to above-average burden by international standards*

One approach which is independent of such behavioural reactions but instead more strongly affected by model assumptions is, for example, to calculate the wage income burden using the tax wedge. In this method, the relative gap between employers' labour costs and employees' net wages is analysed for stylised employee groups. Effective burdens for sample companies are calculated for enterprises. A number of different studies conducted in this field indicate that tax and social contribution burdens have declined considerably owing to rate cuts over the last ten years but that, by international standards, Germany still has a relatively high burden.<sup>3</sup>

#### Individual determinants of the tax ratio trend<sup>4</sup>

*The disaggregated framework for analysing fiscal developments*

The following section provides a more detailed breakdown of the development of tax revenue in Germany outlined above. The disaggregated framework for analysing public finances is used for this purpose, which shows the individual explanatory factors (see also the box on page 38). In this method, the

<sup>3</sup> See, for example, OECD (2008), *Taxing Wages 2006-2007*; D Endres, C Spengel and T Reister, *Neu Mass nehmen: Auswirkungen der Unternehmensteuerreform 2008*, Die Wirtschaftsprüfung 11/2007, p 478 ff and Federal Ministry of Finance, *Die wichtigsten Steuern im internationalen Vergleich 2007*.

<sup>4</sup> For further information about the period up to 2002 and especially for a detailed description of the developments around the turn of the century, see Deutsche Bundesbank, *Recent tax revenue trends*, Monthly Report, December 2002, pp 15-36.

#### Notes on statistical concepts

Unless indicated otherwise, the revenue development is described as defined in the national accounts, and the tax ratio includes the levies paid to the EU.<sup>1</sup> One important difference vis-à-vis the definition used in the government's budgetary financial statistics is that payments of grants to homeowners and investors and of child benefit are offset there against tax revenue, ie they reduce revenue, whereas they are treated as government expenditure in the national accounts. In addition, in the national accounts revenue is allocated not to the year of receipt but to the year of origin.

The national accounts generally differentiate between current taxes on income, wealth etc (direct taxes), taxes on production and imports (indirect taxes) and capital taxes. Here, however, a classification is used that is more oriented towards the underlying tax assessment bases. The term "income-related taxes" comprises wage tax, assessed income tax, investment income tax, corporation tax and local business tax. This classification is different from the "direct taxes" as defined in the national accounts, particularly since, in the national accounts, local business tax is assigned to the category of indirect taxes. The category of income-related taxes is subdivided into wage tax and (other) "profit-related taxes". However, it should be noted that wage tax merely represents a special method of levying income tax. Deviations from the actual tax liability (eg owing to additional deductions or additional income) are offset in the course of the income tax assessment procedure and reduce the receipts from assessed income tax. Turnover tax, energy tax, electricity tax, tobacco tax and insurance tax as well as the other special excise duties are classified as "consumption-related taxes".

As is customary (also at international level), the ratios are calculated in relation to GDP. Another way of evaluating the withdrawal of funds by means of levies, in principle, would be to consider the ratio in relation to national income (and thus to factor income) after deducting depreciation, among other things. However, this alters the general trends only modestly, although the ratios are naturally significantly higher (in 2007 the ratio of national income to GDP was 75.4%).

<sup>1</sup> The analysis of the European Commission (2008a), *op cit*, is based on a definition and classification that is for the most part comparable with the one used here.

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## The disaggregated framework for analysing public finances

### Outline of the framework<sup>1</sup>

Under the disaggregated framework, the development of the revenue and expenditure ratios can be explained in more detail. Revenue developments in the major taxes and social contributions are attributed within a model-based procedure to the (estimated) impact of legislative changes and the evolution of macroeconomic reference variables. To this end, appropriate reference variables are selected and revenue elasticities (percentage change in receipts when the variable is changed by 1%) and lag structures (temporal relationship between the evolution of the reference variable and payment of the tax or social contribution) are defined (see also table on p 39). The revenue models used under the framework are relatively simple and standardised, and correspond in principle to those used for revenue forecasting, for example. They are therefore also suitable, among other things, for modelling revenue windfalls, which are the subject of some discussion.

### Analysing extraordinary developments

Revenue developments cannot usually be fully explained using the standardised revenue models of the disaggregated framework, so that some unexplained components (residuals) remain. These arise, for example, because the models capture regular and average relationships but cannot record special factors. Thus, a certain relationship is seen between the unexplained weak development in turnover tax receipts in 2001 and an increase in turnover tax fraud (including "carousel transactions"). This manifests itself as a negative residual. However, the above example also demonstrates that specifically identifying and quantifying special factors can be difficult.

Problems in assessing the financial impact of legislative changes are a further cause of unexplained residuals. The calculations for this report were largely based on the estimates carried out by the Federal Government as part of the legislative process. The particular problem with this is that the estimates are often dependent on the forecasts for the economic and revenue development made at the time of estimation (ex

ante approach). A subsequent adjustment to the actual outturn has been carried out here only in isolated cases – primarily for changes to the rates of consumption-related taxes (ex post approach). Despite these limitations, the explanatory power of the revenue models can be significantly improved by including the estimates regarding the impact of legislative changes.<sup>2</sup>

The revenue elasticities are also ultimately estimates, and inaccuracies here can likewise lead to residuals. For taxes or social contributions for which the rates are, in principle, proportional, the elasticities are set to one. For income tax, the elasticity is set at greater than one owing to the progressive tax scale. This results in a positive fiscal drag, ie revenue increases automatically.<sup>3</sup> Furthermore, particular account is taken of the fact that excise taxes are largely volume-related and their receipts are consequently independent of price developments. Technically speaking, the elasticity to the relevant deflator is thus zero. The resultant decline in the tax ratio is likewise described as a (negative) fiscal drag.

Another cause of residuals in the disaggregated framework is that the actual tax assessment bases are not directly observable. For this reason, macroeconomic indicators which are also often used in revenue forecasts are applied to measure their development. In some cases, however, additional information with which the actual tax assessment bases can be better approximated becomes available ex post. By including this additional information, the explanatory power of the models can be improved, although this also renders them more complex. For example, this occurs in the case of turnover tax when allowing for the fact that the differently taxed components of the VAT assessment bases (standard rate, reduced rate, exempt) have developed differently, leading the effective average tax rate to change. Furthermore, the consumption volume figures used for energy and tobacco taxes show a much weaker development than that of real private consumption, which is used as the reference variable in the standard model. This provides an explanation for some of the negative residuals in the case of excise taxes.

<sup>1</sup> For more detail, see also Deutsche Bundesbank, A disaggregated framework for analysing public finances: Germany's fiscal track record between 2000 and 2005, Monthly Report, March 2006, pp 61-76, and J Kremer, C R Braz, T Brosens, G Langenus, S Momigliano, M Spolander, A disaggregated framework for the analysis of structural developments in public finances, ECB Working Paper Series, 579/2006, and Deutsche Bundesbank Research Centre, Discussion Paper, Series 1, Economic Studies, No 05/2006. — <sup>2</sup> See also G. Koester, The political

economy of tax reforms, Nomos 2008, Chapter III, forthcoming. — <sup>3</sup> The estimate for wage tax elasticity is taken from A Boss, A Boss and T Boss, Der Deutsche Einkommensteuertarif: Wieder eine Wachstumsbremse? Perspektiven der Wirtschaftspolitik, 9 (2008), 1, pp 102-124. Other estimates indicate higher or lower revenue effects, see eg T Büttner, A Dehne, G Flaig, O Hülsewig and P Winker, Berechnung der BIP-Elastizitäten öffentlicher Einnahmen und Ausgaben in

### Volatile revenue from profit-related taxes

As the chart on page 43 demonstrates, the revenue development can generally be explained quite satisfactorily using these more detailed (in comparison with the figures in the table below) revenue models; this means – in the terminology of the disaggregated framework – that a larger part of the development can be attributed to fiscal drag and structural shifts within GDP. For the profit-related taxes, however, the models' explanatory power in individual years is limited, and considerable residuals remain even after refinements. This is due, among other things, to the fact that the macroeconomic reference variables – entrepreneurial and property income and its sub-components – are only relatively loosely connected with the actual tax assessment bases. In particular, fluctuation in the tax assessment bases over the economic cycle seems to be significantly greater than that in the macroeconomic variables. For example, tax-relevant value adjustments are not recognised in entrepreneurial and property income as defined in the national accounts. The lag structures for the assessed taxes (assessed income tax, corporation tax, local business tax) are probably likewise very variable over time – contrary to the assumption in the models. At the end of a phase of relatively strong profit growth, for example, large advance payments often coincide with large back payments (and vice versa following a period of relatively weak growth). Additionally, the

extensive legislative changes in this area cause estimation difficulties.

This problem is illustrated in the chart on page 44. Although, after adjustment for cyclical components estimated using the standard procedure and for the impact of legislative changes, the trend in profit-related tax receipts was similar to that in entrepreneurial and property income, there were massive fluctuations in revenue in individual years.

### Relationship with cyclical adjustment

The revenue models on which the disaggregated framework is based are also used in the Bundesbank's disaggregated standard cyclical adjustment procedure for estimating the cyclical component of the general government fiscal balance. In this procedure, the trend deviations of the relevant macroeconomic variables are calculated using the Hodrick-Prescott filter (smoothing parameter  $\lambda=30$ ) and are used, with the aid of the elasticities, to determine the cyclical impact on the individual types of revenue. On the expenditure side, an analogous procedure is used to estimate the cyclical effects on spending on unemployment and of the statutory pension insurance scheme. The cyclical component of the fiscal balance is determined by netting the individual cyclical influences on the revenue and expenditure sides.

### Overview of the revenue models on which the disaggregated framework is based

| Levy type                         | Macroeconomic reference variable                           | Elasticity of revenue in t with regard to reference variables in |     |     |
|-----------------------------------|--|--|-----|-----|
|                                   |  | t  | t-1 | t-2 |
| Wage tax                          | Gross wages and salaries per employee <sup>4</sup>         | 1.9  | .   | .   |
|                                   | Employee total <sup>4</sup>                                | 1  | .   | .   |
| Profit-related taxes              |  |  |     |     |
| Assessed taxes <sup>5</sup>       | Entrepreneurial and property income                        | 0.9  | 0.1 | 0.1 |
| Investment income tax             | Entrepreneurial and property income                        | .  | 1   | .   |
| VAT                               |  |  |     |     |
|                                   | Nominal private consumption expenditure <sup>6</sup>       | 1  | .   | .   |
|                                   | Nominal private housing expenditure <sup>6</sup>           | 1  | .   | .   |
|                                   | Nominal government expenditure subject to VAT <sup>6</sup> | 1  | .   | .   |
| Excise taxes                      | Real private consumption expenditure                       | 0.8  | .   | .   |
| Social contributions <sup>7</sup> | Gross wages and salaries, total employees, unemployed      | 1  | .   | .   |

Prognosezwecken und Diskussion ihrer Volatilität, or P Gottfried and D Witczak, Gesamtwirtschaftliche Auswirkungen der "heimlichen Steuerprogression" und steuerpolitische Handlungsempfehlungen zur Entlastung der Bürger, IAW-Kurzbericht 1/2008. — <sup>4</sup> Excluding low-paid part-time jobs and "one-euro jobs" (ie top-up earnings of benefit recipients). — <sup>5</sup> Assessed income tax, corporation tax, local business tax; a certain progressive effect assumed for assessed income

tax. — <sup>6</sup> Excluding VAT; included VAT and government expenditure subject to VAT are estimates. — <sup>7</sup> Social contributions for employees (reference variable: gross wages and salaries), for pensions in the statutory pension insurance scheme (reference variable: gross wages and salaries per employee on an average of the years t-1 and t-2) and for unemployment benefit I (estimate; reference variable: unemployed total).

actual evolution of revenue is compared with a reference scenario in which tax revenue develops in line with GDP and the tax ratio thus remains constant.<sup>5</sup> Differences may be the result of legislative changes, ie they may be attributable to active fiscal policy measures. A role may also be played by additional revenue resulting from fiscal drag owing to the effects of tax progression and any structural shifts within GDP between components taxed at different rates (taking turnover tax as an example, between high tax-yielding domestic consumption and low tax-yielding exports). Changes in the tax ratio that cannot be explained by these three factors, which are termed residuals, have to be analysed in more detail. They can, in part, be explained by special developments and the high level of abstraction of the underlying revenue models.

### Changes in tax law lead to considerable additional revenue

Between 1997 and 2007, changes in tax law had a significant impact on the development of tax revenue. On balance, they brought about a rise of over 1 percentage point in the tax ratio, which for 2007 meant additional revenue of €30 billion (for an overview of the legislative changes, see the annex on pages 53-57). A sharp increase in the consumption tax ratio (+3 percentage points) was partly offset by a clear fall in income-related taxes (-2 percentage points).

The extensive rise and expansion of consumption-related taxes – in the case of energy tax and tobacco tax as well as turnover tax and insurance tax – was based partly

on the argument that social benefits were to be financed to a greater extent out of general tax revenue. Thus the Federal grants to the social security funds have increased substantially since 1997, which *per se* created scope to lower the contribution rates to the social security funds with a revenue volume of 1½% of GDP in 2007 (see the box on page 41). In effect, the ratio of social contributions to GDP fell on balance by a mere ½ percentage point as a result of relief measures (lower contribution rates, in particular) as other factors impacted negatively on the financial situation of the social security funds.<sup>6</sup> In addition to co-financing the social security funds, tax increases – especially the hike in VAT and insurance tax in 2007 – were closely linked to the need to consolidate government budgets, which showed large deficits, and they were explicitly justified by the need to plug structural budgetary gaps.<sup>7</sup> Partly thanks to this, the structural deficit declined noticeably.

Legislative changes between 1997 and 2007 provided considerable relief in respect of income-related taxes, causing the tax ratio to fall by almost 2 percentage points on balance. A key element in this was the income tax and business tax reform adopted in 2000 in the context of a comparatively comfortable budgetary position and outlook at that time.

*Higher consumption tax rates used partly to lift tax financing of social security funds*

*On balance, additional revenue due to legislative changes*

*Net cut in income-related taxes*

<sup>5</sup> The developments described below remain valid after adjustment for standard cyclical components as the cyclical components of the numerator (revenue) and the denominator (GDP) develop broadly in parallel and the impact on the revenue ratio is therefore small. As for the ratios, cyclical fluctuations are reflected primarily in the development of the expenditure ratio.

<sup>6</sup> See comments on pp 34-35.

<sup>7</sup> In addition there were a number of measures designed to stabilise revenue from turnover tax by combating tax fraud.



## Additional Federal grants to the social security funds and associated tax increases since 1997

Federal grants to the social security funds have been increased substantially over the past ten years in order to stabilise contribution rates. In most instances, taxes were raised simultaneously. Since social contributions are perceived as and act like a tax (owing to the limited equivalence between contributions and benefits accruing to the contributor), this essentially means that one tax was replaced with another. It cannot be ruled out, however, that retrenchment efforts from the social security funds may then have subsided owing to an easing of financial pressure and that some of the Federal grants were used to cover additional expenditure. Nonetheless, it can be assumed that there was an overall redistribution of funding from tax payers to contribution payers. This was intended, among other things, so as to better align non-insurance-related benefits with tax grants. In the following sections, the additional revenue generated through specific tax rises between 1997 and 2007 is compared with the greater leeway for lowering contribution rates resulting from the increases in the Federal grants. However, it should be borne in mind that a further rise in the Federal grants, particularly those to the statutory health insurance scheme, is planned for the coming years.

In 1998, the general Federal grant to the statutory pension insurance scheme was supplemented by an additional Federal grant. Since 1999, moreover, the Federal Government has been paying contributions to cover child-rearing periods. To finance this, the standard rate of VAT was increased on 1 April 1998 and energy tax was increased in several stages ("ecological tax reform"). While the general Federal grant amounted to just over €35 billion in 1997, the general and additional Federal grants reached a total of €67½ billion in 2007. In 1997, the contribution rate was kept just over 4½ percentage points lower with the aid of the Federal grants; by 2007, this effect had increased to nearly 8½ percentage points. The difference (over 3½ percentage points) was worth almost €29½ billion in 2007. Additional revenue from the aforementioned tax rises came to a total of €26 billion in 2007.

A Federal grant was paid to the statutory health insurance scheme for the first time in 2004 and was financed through a rise in tobacco tax rates. The grant was raised from an initial €1 billion to €4.2 billion in 2006, but was cut again to €2.5 billion in 2007. It is planned to increase the Federal

grant in stages from 2009 onwards from €1.5 billion annually to €14 billion (from 2016 onwards). Without the Federal grant of €2.5 billion, the contribution rate would have needed to be ¼ percentage point higher in 2007. The additional revenue generated from the increase in tobacco tax was also around €2½ billion in 2007.

Until 2006, the Federal Employment Agency's deficits were offset in full by the Federal Government. In 2007, a rule-based Federal grant was introduced. It is no longer envisaged that the Federal Employment Agency's deficits will be automatically offset using funds from the Federal budget; the Agency must therefore compensate for cyclical fluctuations using its own reserves. This requires a contribution rate which ensures a balanced budget over the economic cycle and sufficient reserves to avoid incurring debt. The new Federal grant is to be funded using one-third of the additional revenue generated from increasing the standard rate of VAT from 16% to 19%. In 2007, this additional tax revenue of an estimated €7 billion (the corresponding cash receipts were still relatively low in the year of the increase) was accompanied by a Federal grant of €6½ billion, ie just over ¾ percentage point of the contribution rate. In future, the Federal grant will be adjusted on the basis of turnover tax revenue.<sup>1</sup>

Overall, the Federal grants to the social security funds in 2007 were around €38½ billion higher than they would have been had the legislative *status quo* from 1997 still been in force. This was accompanied by additional revenue of €35½ billion arising from the specific tax increases. However, other measures reappportioning funding responsibilities have, on balance, considerably burdened the social security funds to the benefit of central, state and local government. These measures notably include the successive reductions in contributions to the statutory pension, health and long-term care insurance schemes paid out of the Federal budget on behalf of recipients of unemployment assistance. All in all, the additional revenue from the tax increases of the past ten years, for which the stated justification was refinancing of the social security funds, and the change in the payment flows between the social security funds and central, state and local government are likely to have opened up a potential to lower the contribution rates of a similar magnitude.

<sup>1</sup> In 1997, the Federal Government used just under €5 billion to offset the Federal Employment Agency's deficit. Under the assumption that, given the structural improvement in the labour market, no further transfers from the

Federal Government budget would be required based on the legislative status quo in force in 1997, here the current grant has not been netted with the offset of the 1997 deficit.

These measures lowered the tax rates considerably. However, this was counterfinanced in part by a broadening of the assessment bases and, in addition, various revenue-boosting measures in the area of income-related taxes were adopted with the aim of budgetary consolidation.<sup>8</sup>

### Fiscal drag raises tax ratio

With growing average income, the fixed nominal progressive income tax regime generates much higher additional revenue than a proportional tax regime. Consequently, over time, tax revenue tends to grow faster than GDP, thus also causing the tax ratio to rise. Over the course of the last ten years, this fiscal drag accumulated to a total of 1½ percentage points in 2007, the final year of the period under review, thereby neutralising a large part of the income tax relief described above. Measured on the basis of the rate of consumer price inflation, approximately two-thirds of fiscal drag was due to higher inflation (“cold progression”) while one-third was attributable to real income growth.

Additional revenue ensuing from income tax progression was accompanied by a negative fiscal drag of approximately ½ percentage point in the case of consumption taxes. This little heeded effect results from the fact that excise duties are mainly charged based on volume. For example, energy tax on petrol is charged at a fixed amount per litre that remains constant in the face of general price increases. The revenue generated from this tax loses real value over time and the ratio of consumption-related taxes to GDP declines.

### Shifts in GDP structure lower tax ratio

In addition to changes in tax legislation and fiscal drag, shifts in the relationship between higher tax-yielding and lower tax-yielding GDP components can automatically change the tax ratio. Such shifts have lowered the tax ratio by ½ percentage point in the last ten years. When interpreting this development, however, it should be noted that it does not reflect changes in the tax and social contributions burden for individual factors and thus does not reflect tax relief.

The assessment bases for consumption-related taxes in particular developed at a much slower pace than nominal GDP, even after the negative fiscal drag described above has been factored out of the calculations. The rises in tax rates had a major part to play in this as they entailed a nominal increase in consumption and GDP (at market prices) but not in the assessment bases (before taxes). This structural effect was particularly pronounced in 2007 owing to the hike in the standard rate of VAT. Furthermore, entrepreneurial and property income grew at a faster pace than gross wages and salaries, which shifted the relative weight from wage tax to profit-related taxes.

*Lower tax ratio owing to changed GDP structure unsuitable indicator of change in tax burden*

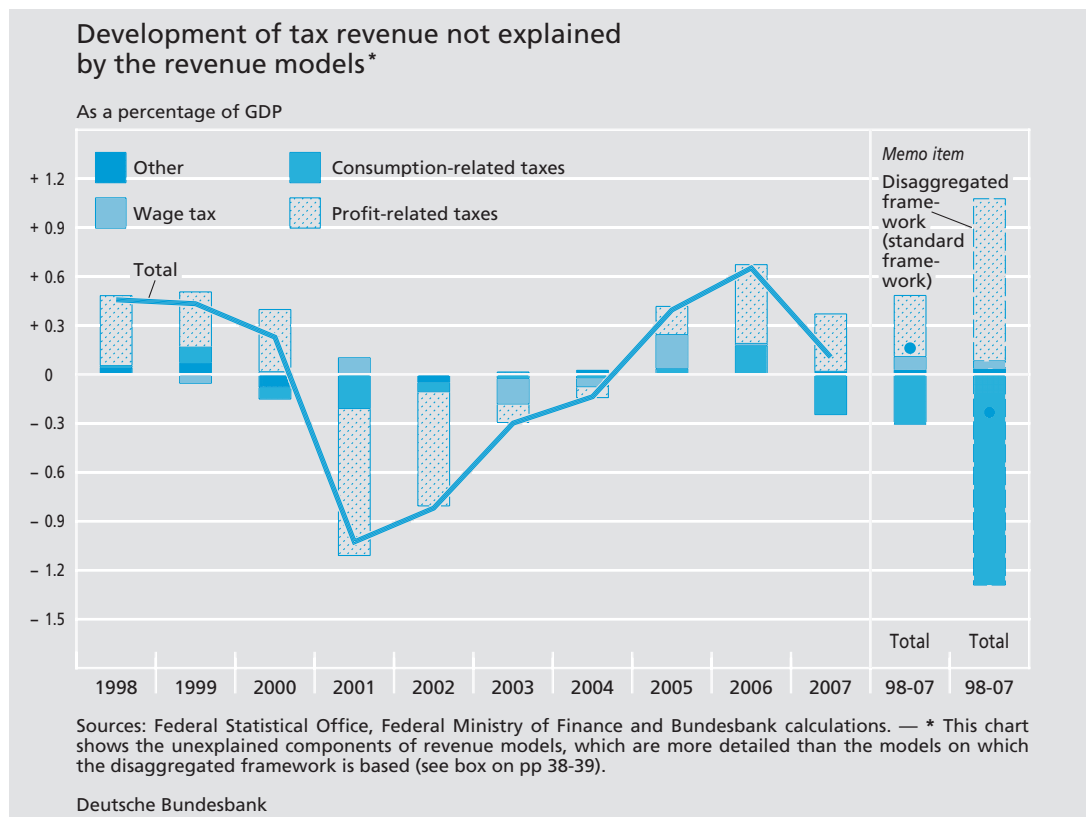
*Negative impact on consumption-related and wage-related taxes*

*Fiscal drag offsets much of income tax relief*

*Negative fiscal drag of volume-based consumption taxes*

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<sup>8</sup> Although the 2000 reforms and also the 2008 business tax reform were broadly acclaimed for the fact that the lower tax rates would improve conditions for investment in Germany, they were also criticised on the grounds of systemic incoherence as inter alia they intensify the distortion of enterprises’ choice of form of financing and legal form: see, for example, the German Council of Economic Experts (2008 and 2008), 2000/01 and 2007/08 Annual Reports as well as the Deutsche Bundesbank’s comments on the withholding tax presented to the Deutsche Bundestag’s finance committee, 20 April 2007.



#### Other factors with a significant impact

*Residuals fairly small overall but sizeable in individual years*

As a whole, tax developments over the last ten years can largely be explained by the factors mentioned above. However, in individual years there were sizeable developments that could not be explained using the disaggregated framework (residuals). Profit-related taxes, in particular, recorded an unexplained high volatility, leading to large net additional revenue. By contrast, consumption taxes grew far more slowly over time than was envisaged in the standard framework.

*More detailed analysis provides some explanation ...*

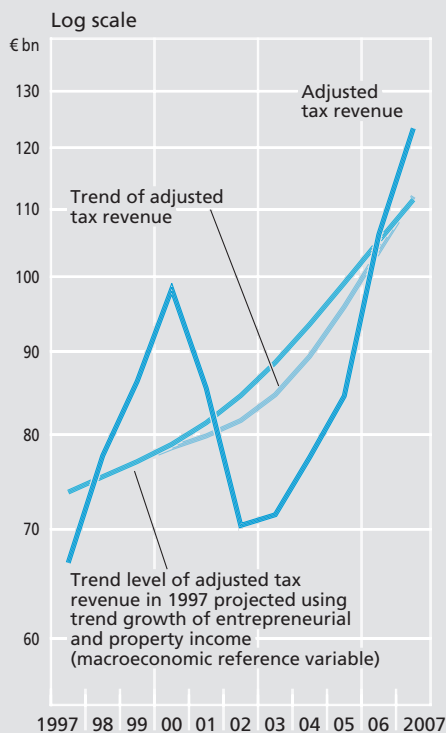
As the disaggregated framework determines "normal" revenue development using some key macroeconomic reference variables, the residuals can, in part, be explained using more detailed revenue models (see chart on this

page and the box on pages 38 and 39). For example, the development of consumption-related taxes can be captured much more accurately if the clearly shrinking proportion of the more highly taxed components of private consumption are taken into account in the case of turnover tax or energy tax and tobacco tax. Nevertheless, this still leaves some noticeable discrepancies in individual years. For turnover tax, these could be partly due to changes in the extent of tax fraud or tax shortfalls owing to insolvencies.

The residuals for profit-related taxes are particularly large and erratic. In some years, revenue swings amounting up to 1% of GDP (€24 billion in 2007) could not be explained using the more detailed approach either. This is probably due *inter alia* to the specific prob-

*... but profit-related taxes still erratic*

### Profit-related taxes and their macroeconomic reference variable\*



Sources: Federal Statistical Office, Federal Ministry of Finance and Bundesbank calculations. — \* Revenue was adjusted by factoring out the standard cyclical component (using the Bundesbank's procedure) and the impact of legislative changes as these factors explain a certain part of revenue volatility. The trends of adjusted tax revenue and of entrepreneurial and property income were estimated using the Hodrick-Prescott filter (smoothing parameter  $\lambda=30$ ). At the current end, they are also dependent on projections (here: official tax estimate and central government's spring 2008 macroeconomic projection).

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lems of estimating the effects of legislative changes in this area of revenue. Furthermore, the cyclical pattern suggests that the impact of the changing level of macroeconomic activity on revenue is underestimated in the underlying models. Thus large positive residuals were recorded for the "better" years between 1998 and 2000 as well as 2006 and 2007, and sizeable negative residuals for 2001 and 2002. This may well owe some-

thing to the fact that the actual assessment bases for profit-related taxes are more volatile than the proxy entrepreneurial and property income shown in the national accounts, which is used as the macroeconomic reference variable in the disaggregated framework. Moreover, changes in the relative amounts of advance and back payments of tax are likely to have magnified the cyclical revenue fluctuations. As regards the level, there are currently some grounds for supposing that, at the end of the period under review, revenue from profit-related taxes exceeded its medium-term trend and that a high setback potential exists (see chart on this page).

### Outlook fraught with uncertainty

According to the latest official tax estimate in May 2008, the tax ratio is expected to remain broadly unchanged until 2012.<sup>9</sup> Proceeds from income-related taxes will increase more rapidly than GDP on balance, with a relatively weak rise in profit-related taxes (as a counter-swing to the previous dynamic growth) likely to be offset by additional revenue owing to fiscal drag. The ratio of consumption-related taxes, by contrast, is expected to fall, predominantly because the assessment bases will probably continue to grow more slowly than GDP.

*Constant tax ratio estimated given legal status quo ...*

<sup>9</sup> The recalibration from the definition used in the government's financial statistics to that in the national accounts, which is the underlying definition here, is based on Bundesbank calculations.

... but lower  
revenue likely

On the whole, tax revenue has grown at a faster pace than expected so far this year.<sup>10</sup> However, forecasts for the forthcoming period are subject to considerable uncertainty, in particular regarding the macroeconomic outlook, the implications of the financial crisis and the level of revenue from profit-related taxes, which is currently very high and is prone to fluctuate greatly. Furthermore, various tax cuts are in the offing. For example, in addition to the planned increase in the tax allowance for children, the basic allowance may also be increased owing to the recalculation of the minimum subsistence level. Furthermore, the income tax allowance for contributions to private health and long-term care insurance schemes has to be raised from 2010 at the latest following a ruling of the Federal Constitutional Court. Depending on the precise form that this will take and, above all, on whether this will also apply to persons insured in the corresponding statutory schemes, this could mean substantial tax revenue shortfalls. Overall, these factors are likely to notably dent tax receipts vis-à-vis the forecast on which the current medium-term financial plan is based.

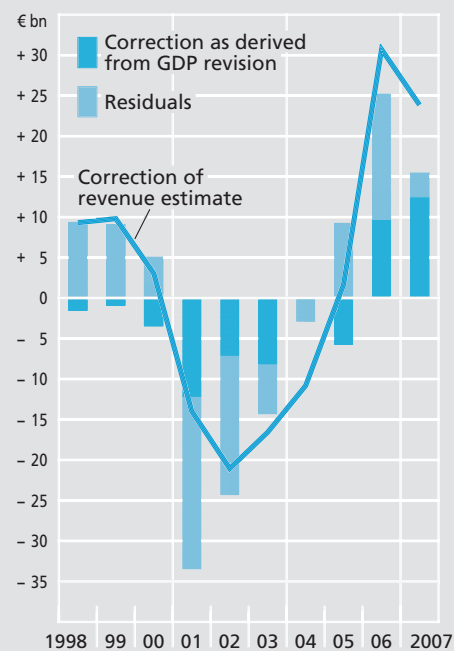
### Some aspects of the current tax policy debate

#### Need to factor tax forecast uncertainties into budgetary rules

Volatile  
development  
makes tax  
forecasting  
very hard

Tax forecasts – such as the regular official tax estimate but also other projections – are sometimes subject to considerable revision. For instance, tax revenue cash flows in 2002

The role of macro revisions and residuals in correcting the revenue estimate\*

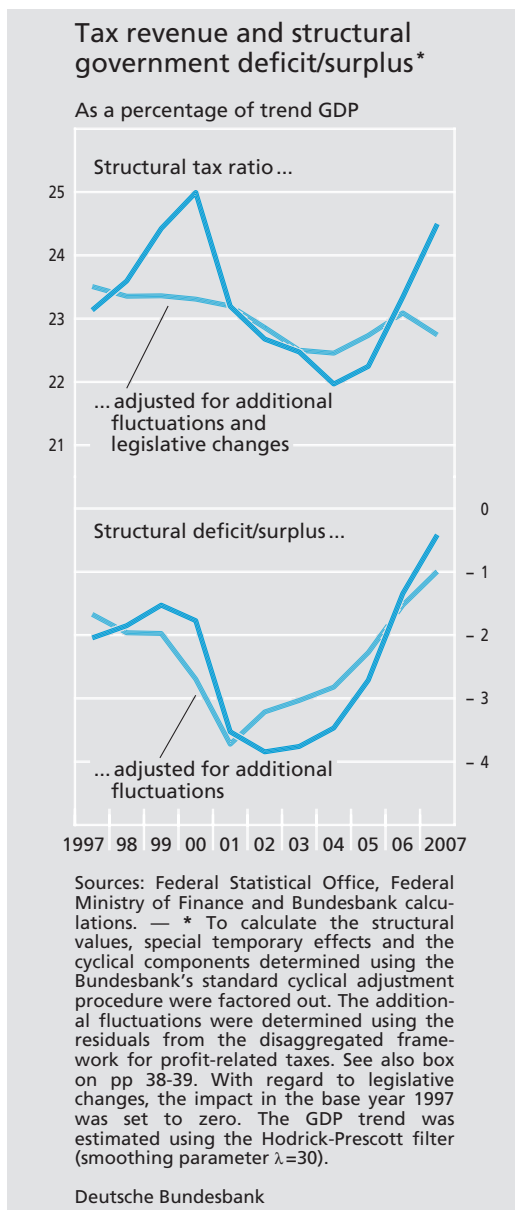


Sources: Federal Statistical Office, Federal Ministry of Finance and Bundesbank calculations. — \* This chart shows the estimate corrections for the tax revenue cash flows of central, state and local government that were made to the official tax estimate from November of the respective previous year. The corrections as derived from the GDP revision are calculated as the difference in the revenue level, as projected using the previous year's revenue level and the GDP growth rate, from the perspective of both the following year and the time of estimation. The residuals are the unexplained components of revenue models, which are more detailed than the models on which the disaggregated framework is based (see box on pp 38-39).

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(as defined in the government's financial statistics) were €21 billion lower than expected in the official tax estimate from November 2001, while revenue in 2007 exceeded the previous year's forecast by €24 billion (see chart). One reason why tax forecasts have to be revised is because the macroeconomic reference variables were estimated incorrectly.

<sup>10</sup> See Deutsche Bundesbank, Public finances, Monthly Report, August 2008, pp 57-67.



For example, the course of macroeconomic development was weaker than forecast during the period from 2001 to 2004, in particular, but then surpassed the expectations in 2006 and 2007. A major role is played, too, by factors which are reflected in the residuals in the disaggregated framework described above and which are generally very hard to predict. A factor which regularly poses major headaches in this context is the strong volatil-

ity of profit-related taxes, which can only be partly explained using the customary estimation models and accounts for a remarkably large proportion of the estimation errors of the past few years, especially given this item's relatively small share of overall revenue. But corrections may also be caused by incorrect estimates of the effects of legislative changes, which are often difficult to quantify even *ex post* and are then reflected as residuals in the disaggregated framework.

Forecasting uncertainty, which at times is considerable, hampers central and state government's budgetary and medium-term financial planning and its attempts to meet the set targets. For example, if there is an insufficient margin of safety below the deficit ceilings, unexpected tax shortfalls may necessitate extensive fiscal policy corrections at short notice. One particularly problematic aspect is that it is often difficult to judge at that moment whether deviations from the estimates are cyclical developments or whether a structural reassessment of the budgetary situation is necessary. For example, only a minimal proportion of the sharp and unexpected movements in profit-related taxes can be attributed to fluctuations in the commonly used macroeconomic reference variables (or even GDP). The standard cyclical adjustment procedures therefore only attribute a very small part of them to the cyclical component of the fiscal balance. The tax ratio adjusted for legislative changes and standard cyclical effects is still very volatile (and, in addition, tends to demonstrate a cyclical pattern). An additional adjustment for fluctuations not captured in the standard cyclical component to take account

*Short and medium-term budget planning hampered*

of the volatility of profit-related taxes appears to track the actual development more accurately (see chart on page 46).<sup>11</sup> This extra adjustment markedly alters the picture of the budgetary stance in individual years.

*Strict budgetary rules need cushion to absorb "genuine" estimation errors*

The estimation uncertainties described above are also relevant for the current discussions about stricter national budgetary rules.<sup>12</sup> If deficit limits are strictly defined, extensive revisions of the forecasts sometimes necessitate abrupt correction measures which impede the attempt to pursue a medium-term fiscal policy. However, this is no reason to dispense with strict rules. Instead, the likelihood of revisions can be reflected in the rules by stipulating that targets which are missed as a result of general, unexpected revenue developments have to be corrected only over the medium term. As forecasts often tend to overestimate tax revenue in economic downturns and to underestimate it in upturns, such leeway to adjust the budget plans (and the target deficit/surplus) to the forecast errors over a longer period of time could also considerably strengthen the stabilising function of public finances over the economic cycle. To prevent the in-built leeway from being abused for deliberate mistargeting, debt resulting from revisions to forecasts would have to be generally restricted and limited to "genuine" estimation errors. There should be institutional safeguards to ensure as far as possible that the relevant estimates are unbiased, ie that they are not regularly overoptimistic. The same applies to approaches to assessing the financial impact of legislative changes. Nevertheless, some estimation errors will remain unavoidable. However, a rule-based ap-

proach to dealing with the resulting deficits could limit the short-term and procyclical adjustment measures that are sometimes needed – including under current budget legislation.<sup>13</sup>

### Reducing individual tax allowances

From a macroeconomic perspective, low tax rates coupled with limited special tax allowances generally appears to be the optimal tax regime as this makes the tax system more transparent and simple and reduces the risk of misallocation. A moderate and transparent taxation system would increase public acceptance and dampen the incentive to evade or avoid paying tax. Adherence to coherent systemic principles and a transparent tax system could also facilitate public comprehension and discussion of changes to tax law and discourage the privileging of individual vested interests. This objective could be bolstered by a shift away from tax subsidies towards granting financial assistance on the expenditure side. In addition, it is crucial, however, to evaluate whether subsidies (whether granted in the form of tax relief or financial assistance) actually serve the public interest and, if not,

*Curbing tax subsidies is important ...*

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<sup>11</sup> As with every trend adjustment procedure, caution should be exercised when interpreting the trend level results, especially at the current end.

<sup>12</sup> A revision of the national budgetary rules is currently being considered by the Federalism Reform Commission II. For information on the Federal Finance Ministry's proposal, see C Kastrop and M Snelting (2008), Das Modell des Bundesfinanzministeriums für eine neue Schuldenregel, in: Wirtschaftsdienst, Vol 6, p 375 ff. For an overview of the discussion, see Deutsche Bundesbank, Reform of German budgetary rules, Monthly Report, October 2007, pp 47-68.

<sup>13</sup> For more information on this issue, see J Kremer and D Stegarescu (2008), Eine strenge und mittelfristig stabilisierende Haushaltsregel, in: Wirtschaftsdienst, Vol 3, p 181 ff.

## Tax benefits according to the modified definition from the Kiel Subsidy Report \*

in € bn

| Item  | 2003 | 2007 | 2008 | 2003<br>to<br>2007 1 | 2003<br>to<br>2008 1 |
|---|------|------|------|----------------------|----------------------|
| <b>Total</b>  | 54.0 | 53.4 | 50.4 | - 0.6                | - 3.6                |
| <i>Memo item: included in addition to the Kiel report</i>   | 2.2  | 1.5  | 1.6  | - 0.7                | - 0.6                |
| <b>Of which: quantitatively most important tax regulations</b>  | 50.5 | 50.2 | 47.6 | - 0.3                | - 2.9                |
| Turnover tax relief and exemptions 2  | 11.5 | 15.0 | 15.1 | 3.5                  | 3.5                  |
| <i>of which: tax benefits according to government report</i>  | 2.3  | 3.0  | 3.0  | 0.6                  | 0.6                  |
| Tax benefits relating to energy taxes   | 7.0  | 8.0  | 7.8  | 1.0                  | 0.8                  |
| Grant to homeowners   | 10.5 | 8.0  | 6.7  | - 2.5                | - 3.9                |
| Income tax relief for certain household services  | 0.0  | 3.3  | 3.3  | 3.3                  | 3.3                  |
| Special expenditure allowance for church tax 2  | 3.6  | 3.0  | 3.1  | - 0.6                | - 0.6                |
| Tax allowance for part-time trainers etc 2  | 2.0  | 2.0  | 2.0  | 0.0                  | 0.0                  |
| Tax exemption of certain supplements paid for working on Sundays,<br>public holidays and at night           | 1.9  | 1.9  | 2.0  | 0.0                  | 0.1                  |
| Commuting allowance 2   | 5.8  | 2.8  | 1.6  | - 3.0                | - 4.2                |
| Tax allowances to promote charitable, religious and non-profit activities<br>as well as political parties 2 | 1.2  | 1.4  | 1.3  | 0.2                  | 0.2                  |
| Savers' tax-free allowance  | 2.2  | 1.0  | 1.1  | - 1.1                | - 1.1                |
| Flat-rate wage tax for certain insurance contributions 2  | 1.0  | 0.9  | 0.8  | - 0.1                | - 0.2                |
| Halving of tax rate for corporate capital gains 2   | 0.8  | 0.7  | 0.7  | - 0.1                | - 0.1                |
| Grant to investors  | 1.9  | 0.7  | 0.6  | - 1.3                | - 1.4                |
| Promotion of supplementary private pension plans  | 0.0  | 0.5  | 0.6  | 0.5                  | 0.6                  |
| 2007 rate allowance for business earnings   | 0.0  | 0.5  | 0.5  | 0.5                  | 0.5                  |
| Series with data problems (not reported for all years)  | 1.0  | 0.5  | 0.5  | - 0.5                | - 0.5                |
| <b>Temporary measures 3</b>   | .    | .    | 8.4  | .                    | .                    |
| Grant to homeowners   | .    | .    | 6.7  | .                    | .                    |
| Tax allowances for biofuels   | .    | .    | 0.7  | .                    | .                    |
| Grant to investors  | .    | .    | 0.6  | .                    | .                    |
| 2007 rate allowance for business earnings   | .    | .    | 0.5  | .                    | .                    |

Sources: A Boss and A Rosenschon, Der Kieler Subventionsbericht: eine Aktualisierung, Kiel Discussion Papers No 452/453, May 2008; Federal Ministry of Finance, 21<sup>st</sup> Subsidy Report, September 2007, Bundesbank calculations. — \* Explanatory notes on the table: it is very hard to detail the tax revenue shortfalls that are likely to result from special tax benefits as there is much controversy as to how these items should be defined and there are widely varying views on issues such as the allowance-free reference system. In addition, the financial implications mostly have to be estimated. Furthermore, with regard to the general trend, in particular, it should be noted that the volume of tax benefits can change not only due to fiscal policies but also, for instance, due to changing take-up patterns. The definition from the Kiel Subsidy Report has mainly been applied here. Overall, this definition is broader than the definition of subsidies used by central government as it includes most tax subsidies defined in the government report (appendix 2 of the government report) as well as a number of additional tax regulations that are quantitatively important

(predominantly those from appendix 3 of the government report). However, the definition from the Kiel report was modified to include the tax shortfalls resulting from the savers' allowance and supplementary private pension plans as defined in appendix 2 of the government report. Consequently, the volume given here is comparatively high, although it would be possible to define subsidies even more broadly. However, the definition selected here does not purport to make a clear-cut demarcation but rather to give a relatively comprehensive representation on the basis of information that is generally available. In particular, major controversial tax regulations are shown separately. — 1 Difference between the years stated. — 2 Included either mainly in appendix 3 of the government report or not at all. — 3 Based on the government report. Additional temporary tax regulations with a small financial volume and the non-specified impact relating to section 10 (4a) of the Income Tax Act (in conjunction with the special expenditure allowance for pension contributions) have been omitted.



to abolish them. As experience has shown that cutting existing subsidies is an uphill struggle, it is particularly important that a transparent and efficient subsidy policy be underpinned by a regular and clear reporting system, including verifiable statements regarding the respective targets, and greater recourse to duration limits.<sup>14</sup>

... but clearly  
difficult

The volume of tax subsidies is measured differently by different approaches. According to a definition based on the Kiel Subsidy Report (and therefore, in particular, in line with the government's financial statistics), individual tax allowances currently cause tax shortfalls of approximately €50 billion or 8½% of revenue (see table on page 48). Although in the legal *status quo*, the gap will narrow somewhat in the coming years, the shortfalls will remain large. However, it is difficult to comprehensively cut subsidies, as has been seen in the last few years. In their "Joint Initiative to Reduce Subsidies by Consensus" in 2003, Roland Koch, prime minister of Hesse and a member of the Christian Democratic Union, and Peer Steinbrück, prime minister of North Rhine-Westphalia and a member of the Social Democratic Party, managed to agree on a reduction for only around 47% of the total volume of tax allowances of €83½ billion that they had identified in 2002.<sup>15</sup> In the period that followed, many of the identified allowances were indeed abolished or curbed in a cross-party consensus. However, subsidies were greatly expanded at the same time, especially in the form of income tax deductions for certain household services (eg home improvements) and tax allowances for donations and non-profit-making activities. Regu-

lar discussions about reducing or expanding tax relief measures for turnover tax and the current debate as to whether to re-expand the commuting allowance, which has only recently been restricted, also highlight the difficulties involved. Nevertheless, it is important and, given the associated distortions and in some cases large tax shortfalls, also worthwhile to continue pursuing the objective of cutting subsidies. When considering the cost of tax benefits, the lack of systemic transparency and the higher general tax and social contribution burden which they cause should likewise be borne in mind.

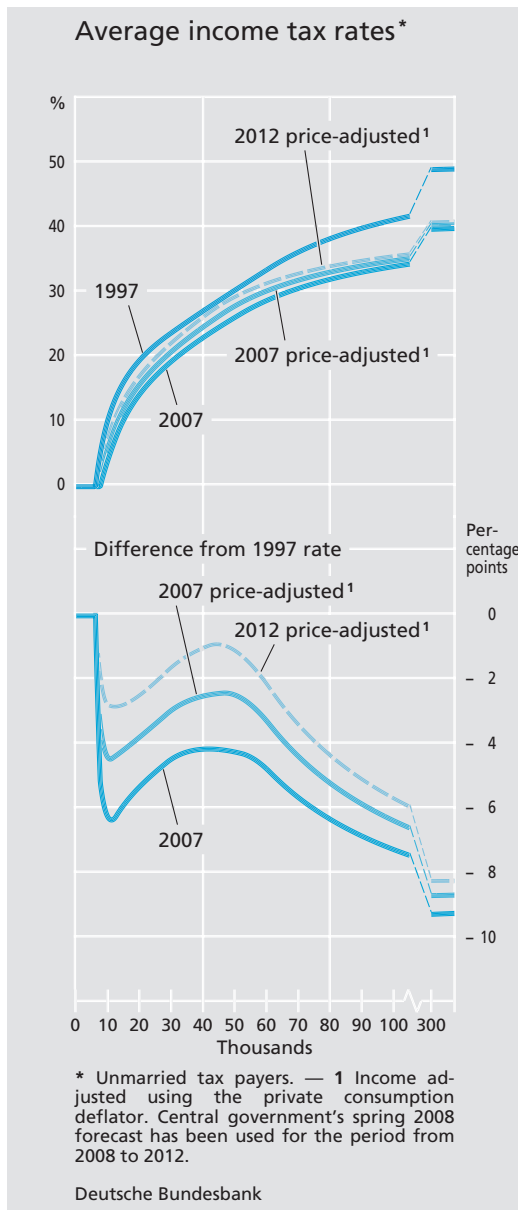
### Limiting fiscal drag

The primary aim of the progressive income tax regime is to ensure that higher-earning tax payers make an above-average contribution to tax revenue. Given steady general income growth, however, it leads to a continuously rising burden for all income tax brackets and to rising marginal tax burdens up to the top rate of taxation. The automatic step-up into higher tax bands caused by the growth in nominal income is especially problematic if nominal income growth is not matched by a corresponding improvement in tax payers' financial means measured in terms of real income (cold progression).

*Fiscal drag  
automatically  
increases tax  
burden*

<sup>14</sup> See the Federal Court of Auditors' press release from 15 April 2008, "Bundesrechnungshof kritisiert unzureichende Informationen über Steuersubventionen".

<sup>15</sup> See R Koch and P Steinbrück (2003), Subventionsabbau im Konsens. The larger size of the allowances identified in 2002 is attributable predominantly to the inclusion of depreciation allowances that have since been abolished (+€10½ billion), tax allowances for contributions to pension insurance (+€15 billion) and the flat-rate allowance for employees' expenses (+€3½ billion).



*Additional revenue from fiscal drag up to 2012 already earmarked*

As the analysis of revenue growth has shown, fiscal drag owing to the effects of tax progression has continuously caused additional income tax burdens in Germany. For example, in the period between 1997 and 2007, this pushed up the tax ratio by 1½ percentage points (or €34 billion in 2007), and the ratio could rise further by around 1 percentage point (or in a magnitude of €20 billion with regard to 2007) by 2012. The resulting add-

itional revenue has already been earmarked to help achieve the government's aim of a broadly balanced Federal budget, also in structural terms, in the last medium-term financial plan.

In the past, the government has responded to these automatic tax increases at infrequent intervals with tax rate reforms which again reduced the income tax burden, at least temporarily. For example, the reform adopted in 2000 cut income tax rates substantially, and the current rates are significantly lower than those in 1997, the start of the period under review. However, this relief is largely neutralised alone by the effect of cold progression. When comparing real tax rates for 1997 and 2007 (see adjacent chart), it can be seen that the average real burden has, in part, again drawn closer to the 1997 figures and will edge even closer by 2012 assuming consumer prices rise as forecast in the medium-term financial plan; and this comparison still takes no account of the average additional burden owing to general growth in real incomes.

*Inflation-induced fiscal drag qualifies rate cuts*

The automatic increase in the income tax burden owing to fiscal drag will thus continue in the future to necessitate a regular review of income tax rates and of the nominal deduction amounts. There have also been some calls to at least adjust tax rates to price developments so as to prevent cold progression from arising in the first place or at least to mitigate its effects. While fiscal drag would still occur, it would be restricted to cases where tax payers' financial means, measured in terms of average real income, increase.

*Fiscal drag requires regular review of burden*

However, from a stability policy perspective, there are serious reservations concerning all types of price indexation as its widespread use harbours the risk of high inflation rates becoming tolerated and entrenched. Should a rule-based antidote to cold progression be considered, then stability-oriented principles would have to be adhered to. Therefore, the relevant nominal values should be adjusted only within bounds compatible with price stability, for instance using a constant annual rate. The strengthening of the automatic stabilisation function that is part of the progressive income tax system would be broadly maintained.

#### Reorganising the method of financing the social security funds

*Efficiency effect limited if burden is merely shifted*

There are occasional calls to switch the basis of financing the expenditure of the social security funds more to general tax revenue on the grounds that this would make the tax and social contributions system more efficient overall and more conducive to growth. However, it should be remembered that freeing labour from social contributions by raising taxes would cause distortions elsewhere and, on balance, these may not be any lower. In the frequently discussed theoretical case of a rise in a general consumption tax with a simultaneous lowering of general levies on wages, the assessment base broadens – and the price effects, in particular, ensure that existing assets are also included in taxation. However, both types of taxes increase the tax wedge, ie the difference between real labour costs for employers and real net wages for employees. On the other hand, easing the

burden primarily for employees and placing a relatively heavier burden on existing assets and pension claims should yield a more even intergenerational distribution of burdens resulting from government activities. With regard to the social systems in Germany, it should also be noted that social contributions are generally paid by regular employees subject to social contributions. The associated specific taxation of employees encourages evasive reactions by switching to other forms of employment (such as self-employment and low-paid part-time employment). While, on balance, the burden imposed by general consumption taxation would probably be distributed more evenly, more cautious expectations should be placed on the macroeconomic growth and employment effects of such a shift in the tax and social contributions system.<sup>16</sup>

A principled and coherent approach appears appropriate to deciding the fundamental issue of how to finance the expenditure of the social security funds. In such an approach, tax grants ought to be transferred to the social security funds to cover the volume of non-insurance-related benefits, while tasks involving general income redistribution should be financed from taxes.<sup>17</sup> Strengthening the equivalence between social contributions and the corresponding benefits for the contributor would improve the transparency of government payments and ensure that general government activities are financed appropri-

*Strengthening the equivalence principle increases transparency and precision of burden-sharing*

<sup>16</sup> See, for example, European Commission (2008), op cit, p 169 ff.

<sup>17</sup> See, for example, Deutsche Bundesbank, Outlook for Germany's statutory pension insurance scheme, Monthly Report, April 2008, pp 51-72.

ately, ie not just by employees subject to social contributions but by the broader group of all tax payers. If such government activities and the associated expenditure or tax grants were clearly reported, this would also make it much easier to regularly review their necessity and facilitate the associated fiscal policy discussions. Furthermore, it would make it far harder to shift tasks and burdens back and forth in an opaque and unsystematic manner, as has been the case in the past. At the same time, contributions would be perceived less as a tax and more as the price to be paid for purchasing (insurance) benefits, and the distortions of the present tax and social contributions system could diminish overall.

### Concluding remarks

*Uncertainty about structural revenue development ...*

In the last two years, tax revenue developed extremely dynamically. This is due in no small measure to the revenue-boosting measures that were resolved in the context of a tight budgetary situation. In addition, proceeds from profit-related taxes soared, irrespective of legislative changes, and by far exceeded the estimates. Although this was, in part, a counterswing from the sluggish revenue dynamics after 2001, this revenue is now likely to be above the medium-term trend level.

*... requires careful planning*

The sharp growth in revenue, the achievement last year of a close-to-balance general government budget and the macroeconomic slowdown – owing in part to the crisis on the financial markets – have triggered a public debate about tax cuts. Curbing the tax burden and ensuring an efficient tax and social

contributions system are indeed key components of an institutional economic environment that is conducive to growth. However, given considerable uncertainty regarding the structural revenue level and foreseeable budgetary strains, a prudent approach that is consistent with the aim of achieving structurally balanced budgets appears appropriate. It is important to bear in mind that, in the end, expenditure has to be covered by revenue and that, ultimately, borrowing simply shifts the burden along the time axis – to the detriment of future generations. Thus, cuts in taxes and social contributions require sound counterfinancing. A key objective as part of the second stage of the federalism reform II is therefore the tightening of the budgetary rules so as to take better account of this underlying relationship. In view of the partly erratic evolution of tax revenue, it is important to systematically incorporate the associated forecasting uncertainties in the new budgetary rules. This could also better accommodate the stabilising function of government budgets over the economic cycle.

In general, policymakers should avoid pursuing a short-term fiscal policy oriented to the cash balance situation and should aim at making structural improvements in the field of tax policy. While the marked lowering of tax rates since 2001 has improved the underlying economic conditions, no progress has been made, for example, towards greater financing neutrality in the area of business taxation, and the transparency of the tax system has not improved on the whole. Furthermore, the tax burden is automatically increasing owing to income tax progression. Therefore,

*Balanced budget defines bounds of expenditure and revenue*

*Avoid further fragmentation of the tax system*

and also because international competition for tax bases is likely to continue, fundamental reforms will remain on the political agenda. These could include lower tax rates and a curbing of special tax provisions, a co-

herent tax system as well as a transparent financing of non-insurance-related benefits currently provided by the social security funds.

## Annex

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Major tax policy measures since the end of 2002<sup>18</sup>

**Second Act Promoting Modern Labour Market Services (*Zweites Gesetz für moderne Dienstleistungen am Arbeitsmarkt*) (23 December 2002)**

This Act revised the terms and conditions for low-paid part-time workers (“mini-jobs”) as of 2003. It introduced uniform flat-rate tax and social security levies (flat-rate tax of 2% and flat-rate social security contributions) for employees with a monthly salary of no more than €400. It also implemented income tax relief for expenditure on employment and services in households.

**Act Continuing the Ecological Tax Reform (*Gesetz zur Fortentwicklung der ökologischen Steuerreform*) (23 December 2002)**

This Act raised the energy tax rates – above all on natural gas – and curtailed the benefits granted to the production and agricultural sectors as of 2003. The additional energy tax revenue generated through the “ecological tax reform” was earmarked to expand the Federal grants to the statutory pension insurance scheme.<sup>19</sup>

**Act to Reduce Tax Privileges and Exemptions – the Tax Privilege Reduction Act (*Gesetz zum Abbau von Steuervergünstigungen und Ausnahmeregelungen – Steuervergünstigungsabbaugesetz*) (16 May 2003)**

This Act involved, above all, a three-year moratorium (12 April 2003 to 31 December 2005) on offsetting any corporation tax credits originating from the imputation method applicable until 2000, as well as the abolition of the legal institution of the multiple-parent fiscal unit with retroactive effect from the beginning of 2003.

**Second Act Amending Tax Provisions – the 2003 Tax Amendment Act (*Zweites Gesetz zur Änderung steuerlicher Vorschriften – Steueränderungsgesetz 2003*) (15 December 2003)**

Among other things, this Act introduced measures to combat turnover tax fraud, to simplify the tax system and to reduce bureaucracy with effect from 2004 onwards.

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<sup>18</sup> See also German Federal Ministry of Finance, Übersicht über die Steuerrechtsänderungen seit 1964 (available only in German), August 2007; for measures between 1997 and the end of 2002, see Deutsche Bundesbank, December 2002, op cit.

<sup>19</sup> See also the box on p 41.

Act Implementing the Federal Government's Protocol Statement on the Mediation Committee's Recommendations for the Tax Privilege Reduction Act (*Gesetz zur Umsetzung der Protokollerklärung der Bundesregierung zur Vermittlungsempfehlung zum Steuervergünstigungsabbaugesetz*) (22 December 2003) and the Act Amending the Local Business Tax Act and Other Acts (*Gesetz zur Änderung des Gewerbesteuergesetzes und anderer Gesetze*) (23 December 2003)

These Acts introduced various measures with the intention, above all, of stabilising corporation tax revenue, in particular limiting the tax loss carry-forward facility to 60% of total income for losses in excess of €1 million and implementing adjustments with regard to shareholder loans with effect from 2004 onwards. They also implemented analogous modifications to local business tax and relief for local governments through a reduction in the share of local business tax transferred to central and state government.

**Act to Promote Tax Honesty (*Gesetz zur Förderung der Steuerehrlichkeit*) (23 December 2003)**

This Act provided an exemption from prosecution and fines for tax evasion between 1993 and the end of 2002 through submission of an income declaration and payment of a flat-rate levy of 25% up to the end of 2004 or 35% in the first quarter of 2005 (tax amnesty).<sup>20</sup>

**Act Amending the Tobacco Tax Act and Other Excise Duty Acts (*Gesetz zur Änderung des Tabaksteuergesetzes und anderer Verbrauchsteuergesetze*) (23 December 2003)**

This Act involved a three-stage increase in tobacco tax: in March 2004, December 2004 and September 2005 (for cigarettes, this meant an increase of around 1.2 cents per cigarette each time). The additional revenue was earmarked to finance the Federal grant to the statutory health insurance scheme which was paid for the first time in 2004.<sup>21</sup>

**Act Accompanying the 2004 Budget (*Haushaltsbegleitgesetz 2004*) (29 December 2003)**

This Act brought forward part of the third tax relief stage of the 2000 income tax reform from 2005 to 2004 (the bottom rate was cut from 19.9% to 16%, the top rate was cut from 48.5% to 45%, the basic tax allowance was raised and the upper proportional zone was lowered). The Act also introduced various measures to eliminate tax subsidies, to aid budget consolidation and to combat turnover tax fraud with effect from 2004 onwards (these included, in particular, a reduction in the grant to homebuyers, modifications to the depreciation rules for movable assets and a cut in the commuting allowance).

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<sup>20</sup> The estimated revenue from this measure was put at €5 billion in the draft legislation. In reality, however, only €1.4 billion was generated.

<sup>21</sup> See also the box on p 41.

**Act to Reform the Income Tax Treatment of Pension Expenditure and Income – the Retirement Income Act (*Gesetz zur Neuordnung der einkommensteuerrechtlichen Behandlung von Altersvorsorgeaufwendungen und Altersbezügen – Alterseinkünftegesetz*) (5 July 2004)**

This Act implemented, above all, a gradual changeover to a downstream taxation of pensions. It was laid down that the taxable part of a pension would increase from 50% for current pensioners and those receiving a pension for the first time in 2005 to 100% for new pension recipients from 2040 onwards, while the share of tax-free pension contributions would be raised from the 2005 level of 60% to 100% by the year 2025.<sup>22</sup>

**Act to Transpose EU Directives into National Tax Legislation and Amend Further Provisions – the Directives Transposition Act (*Gesetz zur Umsetzung von EU-Richtlinien in nationales Steuerrecht und zur Änderung weiterer Vorschriften – Richtlinien-Umsetzungsgesetz*) (9 December 2004)**

This Act revised, above all, the special provisions for interdependent corporate groups with fiscal unity with effect from 2004 onwards (corporation tax treatment of overpayment or underpayment resulting outside the fiscal unit).

**Act to Abolish the Grant to Homebuyers (*Gesetz zur Abschaffung der Eigenheimzulage*) (22 December 2005)**

This Act abolished the grant to new homebuyers with effect from 2006 onwards.

**Act to Limit Loss Offsetting in Connection with Tax Deferral Models (*Gesetz zur Beschränkung der Verlustverrechnung im Zusammenhang mit Steuerstundungsmodellen*) (22 December 2005)**

This Act limited the offsetting of losses resulting from tax deferral models against positive income from the same source with retroactive effect from 11 November 2005.

**Act to Initiate an Immediate Tax Action Programme (*Gesetz zum Einstieg in ein steuerliches Sofortprogramm*) (22 December 2005)**

This Act implemented various measures to aid budget consolidation as of 2006 (in particular, the abolition of both the tax exemption for severance payments and the special allowance for private tax consultancy fees).

**Act on the Tax Promotion of Growth and Employment (*Gesetz zur steuerlichen Förderung von Wachstum und Beschäftigung*) (26 April 2006)**

This Act implemented various measures to promote economic growth from 2006 onwards: the declining-balance depreciation rate for movable assets was raised from 20% to 30% per year in 2006 and 2007, the income tax relief for expenditure on household services was extended (in particular to include the services of specific skilled trades) and actual taxation was expanded in the case of turnover tax.

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<sup>22</sup> For further details, see Deutsche Bundesbank, April 2008, op cit.

**Act Accompanying the 2006 Budget  
(*Haushaltsbegleitgesetz 2006*) (29 June 2006)**

This Act raised the standard rates of turnover tax and insurance tax by 3 percentage points to 19% as well as the lump-sum input tax for agriculture and forestry with effect from 2007 onwards. One-third of the additional revenue arising from the increase in turnover tax was earmarked (as part of a fundamental revision of the financial relations between central government and the Federal Employment Agency) to finance a rule-based Federal grant to the Federal Employment Agency.<sup>23</sup>

**2005 Investment Grant Act (*Investitionszulagengesetz 2005*) (17 March 2004), 2007 Investment Grant Act (*Investitionszulagengesetz 2007*) (15 July 2006)**

These Acts laid down that the assistance granted by the 1999 Investment Grant Act (*Investitionszulagengesetz 1999*) – which expired at the end of 2004 – would be continued up to the end of 2009, albeit with a reduced scope of assistance.<sup>24</sup>

**2007 Tax Amendment Act (*Steueränderungsgesetz 2007*) (19 July 2006)**

This Act implemented various measures to aid budget consolidation as of 2007. Above all, it laid down that the commuting allowance would be granted only from the 21st kilometre onwards (travel expenses for journeys between home and work would, in principle, no longer be deemed to be income-related expenses), the savers' tax allowance was cut (from €1,370 to €750 for unmarried persons), the maximum age of a child qualifying for child benefit was lowered and the rate of income tax for annual income in excess of €250,000 in the case of unmarried persons or €500,000 in

the case of married persons was raised to 45% (excluding income from profits up to the end of 2007).

**Act on the Creation of German Real Estate Investment Trusts with Listed Shares – the REIT Act (*Gesetz zur Schaffung deutscher Immobilien-Aktiengesellschaften mit börsennotierten Anteilen – REIT-Gesetz*) (28 May 2007)**

This Act created a new instrument for indirect investment in real estate in the form of the German real estate investment trust (REIT), ie a special kind of listed public limited company, which fulfils certain conditions (especially with regard to the free float of the company's shares and minimum dividend payments) and is itself not subject to taxation. The Act promoted the sale of commercial real estate to REITs through exempting half of the sales proceeds from income tax for a limited period from 2007 to 2009.

**2008 Business Tax Reform Act (*Unternehmenssteuerreformgesetz 2008*) (14 August 2007)**

This Act lowered tax rates for enterprises and was counterfinanced by various measures to broaden the tax assessment bases from 2008 onwards. The Act included the following.

- The corporation tax rate was cut by 10 percentage points to 15%.
- A retention reserve was introduced for non-corporations with a nominal tax rate of around 30%.

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<sup>23</sup> See also the box on p 41.

<sup>24</sup> For the time being, assistance at reduced rates is scheduled to be continued until 2013.



- The factor for offsetting local business tax against income tax was increased to 3.8.
- Various revisions were implemented with regard to local business tax (in particular, the lowering of the basic tax rate to 3.5%, the abolition of the possibility of deducting local business tax as operational expenditure and the revision of the facility for deducting debt financing costs).
- Declining-balance depreciation for movable assets was abolished, the debt interest deductible was limited by means of an “interest deduction ceiling” and revised arrangements were implemented with regard to shell purchases, securities lending and the determination of intercompany transfer prices in the case of a relocation of functions.

This Act also introduced a withholding tax of 25% for private investment income (such as interest, dividend payments or capital gains from the sale of securities) from 2009 onwards, with an assessment option and a blanket deduction for income-related expenses (new savers’ tax allowance of €801 for unmarried persons and €1,602 for married persons).

**Act to Further Promote Civic Involvement  
(*Gesetz zur weiteren Stärkung des bürger-  
schaftlichen Engagements*) (10 October 2007)**

This Act extended the tax promotion of donations and non-profit-making activities with retroactive effect from the beginning of 2007.



## Financing constraints and capital accumulation: microeconomic evidence

Financing constraints can potentially hamper corporate investment activity. The importance of this relationship is tested using two very different data sets: a qualitative UK study of firms and the ifo Investment Survey.

The results show that financially constrained firms are slower to adjust their capital stock upwards than are financially unconstrained firms. This adjustment delay is particularly evident in the case of small firms. However, small firms are, by nature, more flexible than large firms. On the basis of the microeconomic estimates, it is possible to construct an indicator of the sensitivity of investment demand as a function of the severity of the financial constraints.

The results presented in this article, as well as the fact that there has been a continuous substantial improvement in balance sheet structures for many years, appear to indicate that German firms' investment activity during the current business cycle up until the end of the observation period (late autumn 2007) was not exposed to any meaningful external finance constraints.

### The importance of financing constraints

---

There are various ways in which firms can be financially constrained. External financing costs may be high enough to prevent the im-

*Types of  
financing  
constraints*

plementation of projects that might have paid off had sufficient internal finance been available. Financing constraints may also take the form of quantitative restrictions (credit rationing) if borrowing in excess of a certain limit is not permitted. Lastly, lending may also be attached to the fulfilment of further conditions, such as the maturity of liabilities or how the funds are being used.

*Cause of financing constraints*

The default risk of the borrower is not *per se* the cause of the external finance premium. The agreed interest rate contains a default premium even in perfect markets. The real world, however, is characterised by imperfect markets with transaction costs and information asymmetry. The lender also needs to be compensated for the expected added costs of financing the project externally rather than internally. These are caused by the costs of obtaining and processing information as well as of monitoring, assessing and collecting the debt.

*Financing constraints as necessary elements of a market economy*

Constraints on external debt or equity finance are, by their very nature, a market-driven response by responsible agents to the imperfections of the financial markets. The dotcom bubble in the Neuer Markt at the start of the new millennium was a particularly striking example of what can happen when these mechanisms fail – equity was all too often provided without sound knowledge of the projects being financed, without adequate safety nets to protect against bad entrepreneurial decisions and without taking into account the incentives being given to decision-makers. Capital misallocation on a grand scale was the result.

The ability of real-world financial systems to deal with information problems has obvious implications for allocative efficiency and growth. On the heels of the seminal paper by Rajan and Zingales,<sup>1</sup> the state of financial development of a given country was identified as one of the major sectoral and macroeconomic determinants of growth, especially in terms of the growth outlook for economies in transition and how they are integrated into the system of the international division of labour.

*Importance for economic growth*

Financing constraints are also a factor in the monetary transmission process. Monetary policy measures can impact on potential borrowers' ability to borrow and also alter the banking industry's ability to lend.<sup>2</sup> In a very general sense, the financing constraints faced by firms are a key reason why there is any relationship at all between the financial health of a firm, its total value and its activity in the real sector.<sup>3</sup>

*Role in the monetary transmission mechanism*

<sup>1</sup> See R G Rajan and L Zingales (1998), Financial Dependence and Growth, *American Economic Review*, 88, pp 559-586.

<sup>2</sup> This refers to the balance sheet channel and the bank lending channel of the monetary transmission process. For more on this topic, see Deutsche Bundesbank, Bank balance sheets, bank competition and monetary policy transmission, *Monthly Report*, September 2001, pp 51-70, and Deutsche Bundesbank, Monetary policy and investment behaviour – an empirical study, *Monthly Report*, July 2002, pp 41-54, as well as the in-depth description of the monetary transmission process in I Angeloni, A Kashyap and B Mojon (eds) (2003), *Monetary Policy Transmission in the Euro Area*, Cambridge University Press, Cambridge et al.

<sup>3</sup> The Modigliani-Miller theorems, with their assertion of neutrality, are regarded as the foundation and starting point of modern corporate finance. See F Modigliani and M H Miller (1958), The Cost of Capital, *Corporate Finance and the Theory of Investment*, *American Economic Review*, Vol 48, pp 261-297, and F Modigliani and M H Miller (1961), Dividend Policy, Growth and the Valuation of Shares, *Journal of Business*, Vol 34, pp 411-433. Neutrality fails in the case of information asymmetry and tax-related distortions.

## Problems of measurement and operationalisation

*The traditional approach...*

For a long time, the approach developed by Fazzari, Hubbard and Petersen was used to identify and measure financing constraints in quantitatively oriented economic research.<sup>4</sup> The underlying idea may be illustrated as follows: the financing constraints faced by school-leavers can be tested by determining whether or not the decision to attend university and the financial wealth of the parents are correlated. If all the success factors of a four-year degree are controlled for, there should be no such correlation in the absence of financing constraints. Accordingly, the cash flow sensitivity of corporate investment can be used to identify financing constraints for firms. Without any external finance premium or credit rationing, current cash flow should have no explanatory power, provided all aspects of investment projects which actually determine the value can be adequately accounted for.

*...and criticism thereof*

In the past few years, however, this approach has come under heavy criticism.<sup>5</sup> The criteria for dividing firms into financially constrained and financially unconstrained groups proved to be spurious and not robust to generalisation. The sensitivity itself is virtually impossible to interpret under real-world conditions. A monotone relationship between this sensitivity and the degree of financing constraints exists neither theoretically nor empirically. If, therefore, a comparison is made between more constrained and less constrained firms instead of conceptually selecting the absence of any financing constraint as a reference

point, it is not clear which group can be expected to be more sensitive. An additional fundamental problem is that cash flow is calculated empirically as the sum of the firm's profit and depreciations. Profit, however, is the target variable for the entire range of entrepreneurial activities. Current profits and investment, the latter being the key instrument of corporate policy, are correlated for a multitude of reasons that have nothing to do with financing constraints. This remains true even if due account is taken of the fact that investment at a given point in time largely has no impact on output during the same period. Expectation formation, the time needed to develop and implement major projects and the persistence of productivity shocks all play a key role, as well as learning effects and the length of market penetration periods.

## Direct observation using surveys of firms

The problems involved in breaking firms down into constrained and unconstrained firms, and the difficulties in interpreting the cash flow sensitivity, can be avoided by ob-

*Surveys of firms as a source of data*

<sup>4</sup> See, for example, S M Fazzari, R G Hubbard and B C Petersen (1988), Financing Constraints and Corporate Investment, Brookings Papers on Economic Policy, Vol 19, pp 141-195.

<sup>5</sup> An animated discussion on this topic was conducted in the Quarterly Journal of Economics. See S N Kaplan and L Zingales (1997), Do Investment-Cash Flow Sensitivities Provide Useful Measures of Financing Constraints? Quarterly Journal of Economics, Vol 112, pp 169-215; the reply by S M Fazzari, R G Hubbard and B C Petersen (2000), Investment-Cash Flow Sensitivities are Useful: A Comment on Kaplan and Zingales, Quarterly Journal of Economics, Vol 115, pp 695-705; rounded out by S N Kaplan and L Zingales (2000), Investment-Cash Flow Sensitivities Are Not Valid Measures of Financing Constraints, Quarterly Journal of Economics, Vol 115, pp 707-712.

serving financing constraints directly. Data from surveys of firms, in which firms report anonymously on their plans and their assessment of the situation, the current trends in their sales and other business figures, are a useful tool for this purpose. Some surveys also contain information on financing conditions and constraints.

*Adjustment speed as an indicator*

The survey data can be validated and evaluated by measuring the speed at which firms respond to new investment projects that hold out the promise of profit.<sup>6</sup> Financially unconstrained firms are able to react immediately, or at least very rapidly, to new opportunities. By contrast, financially constrained firms do not instantaneously succeed in reaching the long-run optimum, but instead take time to adjust. In some cases, only part of the necessary fixed capital can be purchased using debt, whereas further investment has to be conducted with retained earnings from sales while, at the same time, the balance sheet is being repaired. The difference in the speed of adjustment is the statistical “fingerprint” of financing constraints and helps to identify their impact econometrically. It is a measure that can represent the core of the economic importance of such constraints.

*Survey data for the UK...*

This approach was first tested using qualitative survey data from the United Kingdom.<sup>7</sup> The test was based on the Industrial Trends Survey (ITS) conducted by the Confederation of British Industry (CBI), which plays a key role in business cycle analysis in the United Kingdom. The cleaned panel contains 49,244 observations on 5,196 firms over 11 years of data from January 1989 to October 1999.

The CBI claims that ITS represents around 33% of total current employment in the UK manufacturing sector. The panel covers all size categories; however, small firms, on which little information is otherwise available in the UK, are particularly well represented. More than 63% of observations in the sample relate to firms having fewer than 200 employees. On average, around 20.8% of those surveyed indicate that their firms were constrained by the lack of either internal or external finance and that these constraints had a real impact on investment behaviour. The study focuses on capacity adjustments. Firms report whether their capacity is insufficient relative to demand. Following the ideas outlined above, one would expect firms reporting financial constraints to experience capacity shortfalls more frequently than others and for these gaps to require more time to close.

A proportional hazard model is estimated in order to measure the speed of adjustment. Financially constrained firms take longer to complete a spell of restricted capacity. According to the results of the study, the measured difference in duration is marked but not significant. At any given time, financially constrained firms will leave the state of capacity restrictions at a rate that is around 20% lower than that of firms not reporting financial constraints.

*... and results of the estimates*

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<sup>6</sup> The relationships presented below are formally derived in U von Kalckreuth, Financial Constraints for Investors and the Speed of Adjustment: Are Innovators Special?, Discussion Paper, Series 1: Studies of the Economic Research Centre, No 20/2004.

<sup>7</sup> See U von Kalckreuth (2006), Financial Constraints and Capacity Adjustment: Evidence from a Large Panel of Survey Data, *Economica*, Vol 73, pp 691-724.

A breakdown of the sample shows that the relationship is less significant for large firms than for small firms. This could indicate that financial constraints are less important for the activity of large firms. However, it is interesting to observe that small firms overcome their capacity shortfalls more quickly than large firms – on average and conditional on their financial status. This may mean that, with their flat hierarchies and low coordination costs, small firms are more nimble and flexible in dealing with demand shocks than large firms.

Studying the adjustment behaviour of UK firms relies on qualitative information; this means that the survey can only state whether or not a firm suffered capacity restrictions. Nothing is said about the extent of restrictions. This provides leeway for interpreting the results cited above. Another reason why financially constrained firms take a longer time to adjust is that firms with a large investment demand encounter financing constraints more frequently than firms with a smaller demand for finance. The two possible directions of causation can be distinguished only if quantitative information about the need for adjustment is either available or can be constructed.

*ifo Investment  
Survey as a  
source of data  
for Germany*

The ifo Institute's Investment Survey provides high-quality quantitative information on investment volume, employment and sales, covering multiple consecutive years. The information is sufficient to reconstruct measures of firms' real capital stock and to estimate a partial adjustment model for the capital stock in which the speed of adjustment is measured as the strength of the reaction to a

gap between the target capital stock and installed capital. The size of the adjustment requirement can thus be explicitly included.<sup>8</sup> Also, the dataset contains information on how various factors affect investment behaviour, including financing conditions.

The micro data from the Ifo Investment Survey in Western German Manufacturing for 1988 to 1998 were available for sampling. During this 11-year period, the autumn survey, which contains information on financial constraints, contained 25,643 observations on a total of 4,443 firms with an average of 2,331 observations per year.

The advantage of this dataset, like the UK data, lies not only in its size and representativeness but also in containing a large number of relatively small firms. Nearly half of the observations refer to firms with fewer than 200 employees, and 20% of the firms have fewer than 50 employees. Around one-quarter of the surveyed firms indicated that their investment was constrained by the availability or cost of finance. To some extent, these responses could also be due to variations in the general level of lending rates. Such aggregated effects can be taken account of, and thus filtered out of the estimation equation by including time dummies indicating the year. Thus, it is only deviations of firm-level data from the sectoral average which are relevant for identification (see also the explanatory notes on page 64).

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<sup>8</sup> For more on the study cited below, see U von Kalckreuth, Financing Constraints, Firm Level Adjustment of Capital and Aggregate Implications, Deutsche Bundesbank, Research Centre, Discussion Paper, Series 1, Economic Studies, No 11/2008.

## Adjustment with regime-dependent speed and partly unobserved targets

The starting point is a static neoclassical equation for factor demand. With a CES production function, the first-order conditions for the static maximum profit result in the following linear relationship for the capital stock:

$$\log K^* = \log Y^* - \sigma \log UC^* + \log h^*. \quad (1)$$

Here,  $K$  is capital,  $Y$  real output,  $UC$  the user cost of capital,  $\sigma$  stands for the elasticity of substitution, and  $h$  for a variable that is dependent on firm-specific technology parameters. The asterisk denotes a long-term equilibrium value. To describe the adjustment dynamics, it is necessary to model the unobservable target variable econometrically. Following the error component approach for panel data, one may assume that the unobservable variable can be approximated by observable variables, augmented by error terms that either assume the same value for all individuals at a given point in time or are constant for a given individual. The desired capital stock of enterprise  $i$  at time  $t$  is modelled as follows:

$$\log K_{i,t}^* = \log S_{i,t} + \lambda_t + \mu_i. \quad (2)$$

In this case, the logarithm of real sales,  $\log S_{i,t}$ , is a proxy for the evolution of real output over time. In addition, it is also possible to use indicators for the expected sales development. The time effect  $\lambda_t$  captures the effects of changes in the user cost of capital and other macroeconomic effects which apply to all enterprises alike, including total factor productivities which are variable in time. The fixed effect  $\mu_i$  represents unobservable firm-specific technological determinants of capital intensity. It is now assumed that the speed with which the real capital stock is adjusted varies with the financing conditions:

<sup>1</sup> Such transformations are called "quasi-differences". The term was coined by D Holtz-Eakin, W Newey and H S Rosen (1988), Estimating Vector Autoregressions with Panel Data, *Econometrica*, Vol 56, pp 1371–1395. The transformation developed by Holtz-Eakin et al deals with a different case, however. For the technique described here, see U von

$$\Delta \log K_{i,t} = -\phi(\mathbf{r}_{i,t-1})(\log K_{i,t-1} - K_{i,t}^*) + \epsilon_{i,t} \quad (3)$$

with

$$\phi(\mathbf{r}_{i,t-1}) = 1 - \alpha_{i,t-1} = 1 - \boldsymbol{\alpha}'\mathbf{r}_{i,t-1}, \quad (4)$$

where  $\phi(\mathbf{r}_{i,t-1})$  is the speed of adjustment dependent on the financing situation and  $\alpha_{i,t-1}$  is a measure of the persistence. Variable  $\alpha_{i,t-1}$  cannot be observed; however, there are ordinal data on the financing conditions. Vector  $\mathbf{r}_{i,t-1}$  indicates the financing situation depending on the given answer. In each case, one element assumes the value of 1, all the others are zero. Coefficient vector  $\boldsymbol{\alpha}$  is to be estimated.

In this specification, the habitual procedure for dynamic panel estimations cannot be used. Writing equation (3) in first differences would not cause the fixed effects  $\mu_i$  to disappear, because they interact with the time-variable expression  $\phi(\mathbf{r}_{i,t-1})$ . If equation (3) is multiplied by  $\phi(\mathbf{r}_{i,t-2})/\phi(\mathbf{r}_{i,t-1})$  and if the lagged original equation is subtracted, substituting equation (4) results in

$$\frac{1 - \alpha_{i,t-2}}{1 - \alpha_{i,t-1}} \Delta \log K_{i,t} - \alpha_{i,t-2} \Delta \log K_{i,t-1} - (1 - \alpha_{i,t-2})(\Delta \log S_{i,t} + \lambda_t) = \xi_{i,t}, \quad (5)$$

where

$$\xi_{i,t} = \frac{1 - \alpha_{i,t-2}}{1 - \alpha_{i,t-1}} \epsilon_{i,t} - \epsilon_{i,t-1}. \quad (6)$$

The transformed equation looks more complicated than the original, but has the advantage that the unobservable error term  $\mu_i$  is eliminated and GMM estimations become possible for the  $\boldsymbol{\alpha}$  coefficients. However, the non-linearity of equation (5) has to be taken into account in an appropriate manner.<sup>1</sup>

Kalkreuth, Panel estimation of state dependent adjustment when the target is unobserved, Deutsche Bundesbank Research Centre, Discussion Paper, Series 1, Economic Studies, No 09/2008. This paper also analyses other estimation methods and compares them in a simulation study.

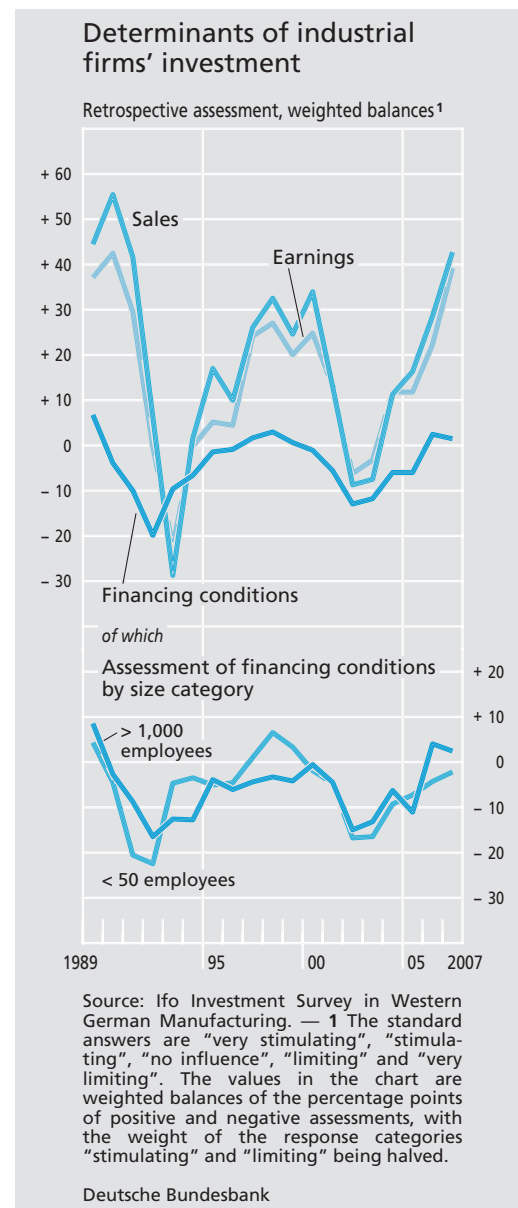


*Regimes of  
capital stock  
adjustment...*

The preferred estimate featured a distinction between three different adjustment regimes. The first regime is for stationary or expanding firms that are not financially constrained. The second regime covers stationary or expanding firms which report financing constraints, and the third is for potentially downsizing firms. For such firms, financial constraints do not, in fact, necessarily lead to a slower adjustment speed because the adjustment does not require the purchase of new capital goods. Expansion is modelled on the basis of sales expectations. Owing to potential endogeneity, lagged expectations of the impact of financial constraints and sales patterns are used to define the adjustment regime.

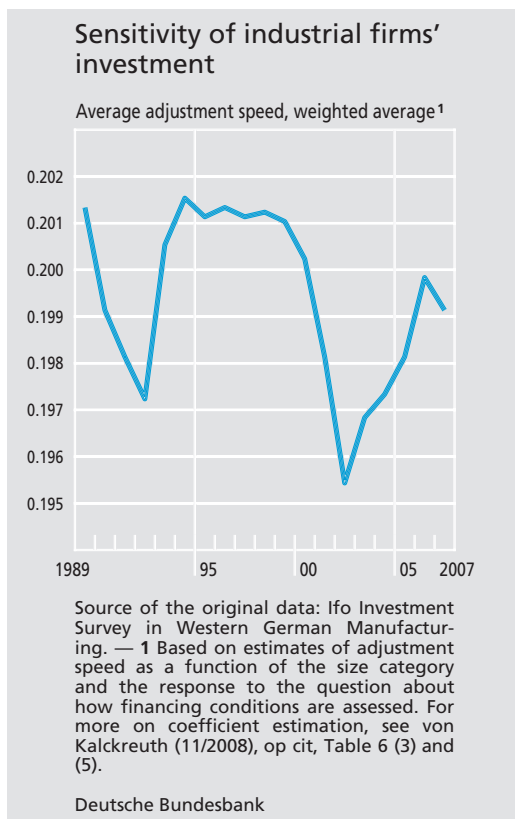
*... and the  
concomitant  
adjustment  
speeds*

A comparison is made between the adjustment speeds of stationary or expanding firms that are either financially constrained or financially unconstrained. The adjustment speed is defined as the fraction of the gap between the (logarithmic) values of the current and the target capital stock that is removed within a year. The estimates show that financial constraints do, in fact, reduce the adjustment speed. As in the study of UK firms, the effect is concentrated on smaller firms where, once again, the adjustment speed is generally higher than in the case of large firms. For small, financially unconstrained firms, the adjustment speed per year is measured at a rate of 0.243. If the firms are constrained, the rate decreases markedly to 0.166. For unconstrained large firms, the adjustment speed is 0.186, with the speed falling only marginally to 0.165 for constrained firms.<sup>9</sup> The fact that estimates with two wholly different datasets and entirely different methods reach qualita-



tively very similar outcomes may be regarded as a sign of the robustness of the selected approach.

<sup>9</sup> The estimates reproduced here are those in which sales developments have also been included in the model of the target capital stock.



## German firms' financing situation

### Survey findings on firms' investment behaviour

In the investment survey which yielded the micro data on which the above-described study is based, west German firms are surveyed once a year, in autumn, on the determinants of their investment behaviour, among other factors. The firms are asked to assess the impact of the following factors on a five-part scale: sales conditions/expectations, availability/costs of finance, earnings expectations, technological development, basic economic policy conditions and other factors. This assessment is made for both the current and the following year. The information is disaggregated by size category for the first time here.

In its upper half, the chart on this page initially shows the significance of the availability of finance for investment behaviour in a comparison with the key factors of sales expectations and earnings expectations across all size categories. The weighted balances of percentage points of positive and negative assessments are given, with the weight of "stimulating" and "limiting" answer categories each being halved. In terms of the strength of the fluctuation, availability of finance is less important for explaining investment behaviour than the other two factors. The microeconomic analysis also bears out this assessment.<sup>10</sup> However, sales expectations and earnings expectations are highly correlated, whereas the information provided by the "availability of finance" factor is partly independent.

*The significance of availability of finance*

A look at the availability of finance by size category shows a rather pronounced comovement. Despite the overall low level of interest rates, firms found it particularly difficult to obtain finance for their projects in the period after 2002. The situation has been improving again since 2005. It is interesting to note, however, that the volatility is stronger among the smallest firms than among firms with over 1,000 employees. This points to size-specific differences in the importance of financing constraints. When interpreting them, it should again be noted that the credit risk associated with loans to firms fluctuates over the business cycle. The possibility that

*Differences by size category*

<sup>10</sup> See U von Kalckreuth (2004), op cit.

these fluctuations are stronger for smaller firms cannot be ruled out.<sup>11</sup>

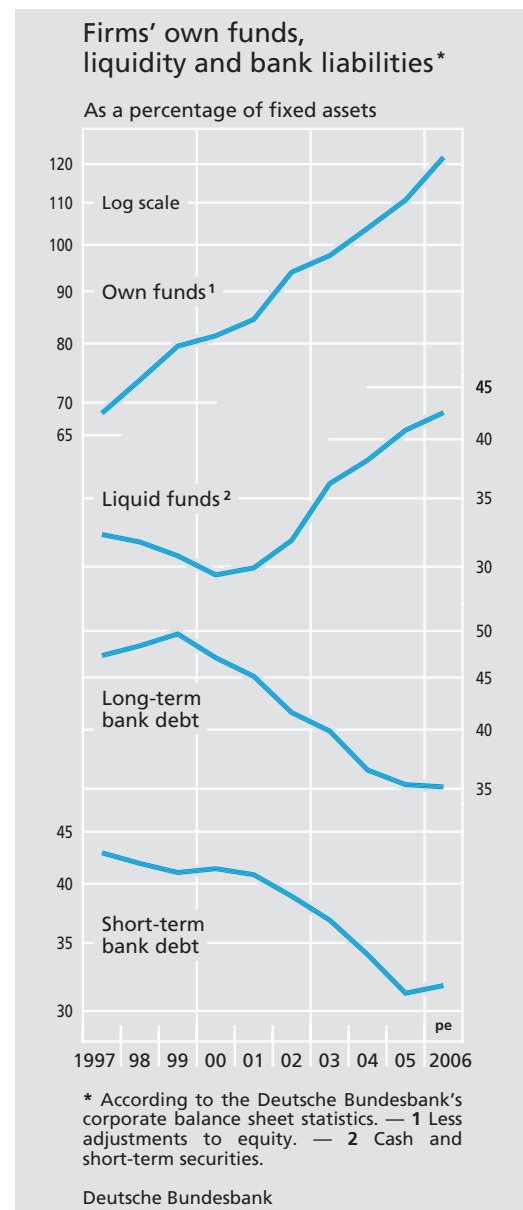
*Availability of  
finance in the  
manufacturing  
sector*

According to the assessment by firms in the west German manufacturing sector, the availability of finance was above average at the end of the data horizon in autumn 2007. The aggregate balance of positive and negative answers is only slightly below the previous year's peak. Even this slight decline is limited to large firms with 200 and more employees. If, instead of the assessment of the current year, one looks at the outlook for the forthcoming period, the assessment becomes somewhat gloomier at the current end, which also includes smaller firms. However, the assessment of the availability of finance remained at an above-average level.

*Aggregate  
adjustment  
speed*

The microeconomic estimates enable the survey data to be converted for analytical purposes into a sensitivity of the aggregate to positive investment opportunities. Financially constrained firms are slower to act on their investment opportunities. For these firms, the number of such new opportunities that can actually be realised is smaller. The aggregated adjustment speeds indicate the extent to which the availability of finance enables firms to respond quickly to growth opportunities.

The time series of estimated aggregate adjustment speeds clearly shows the recession that followed the end of the "reunification boom" of the early 1990s and the slump that followed the bursting of the New Economy bubble at the beginning of the new millennium. During the mid- to late 1990s, however, firms were especially well able to re-



spond quickly to new opportunities. The chart on this page shows that, up until the end of 2007, the finances available to firms still provided good growth opportunities despite weakening slightly, with the aggregate adjustment speed fluctuating between 0.195 and 0.202 during the observation period.

<sup>11</sup> Such differences have also been observed in other countries. For the UK, see U von Kalckreuth (2004), op cit.

Among small firms, the average adjustment speed varied between 0.256 and 0.267. The effect of changes in the availability of finance was therefore more pronounced than for large firms, whose estimated adjustment speed, as a function of the availability of finance, fluctuated only between 0.176 and 0.180.

*Firms' finances  
in sound  
condition*

German firms' finances are currently in sound condition, which reflects increased restructuring efforts and higher profitability. The chart on page 67 shows that firms' equity has been rising markedly and that their liquidity cush-

ion has also seen strong growth. At the same time, the importance of short and long-term bank loans for corporate finance has been on a pronounced slide. On the whole, Germany's non-financial corporate sector has sound financing structures, which reduces dependency on external capital and yet, at the same time, makes it easier for banks to grant loans. It is precisely in those cases where the financial markets encounter rough patches that the soundness of capital structures in the non-financial corporate sector benefits the economy as a whole.

# Statistical Section

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I Key economic data for the euro area

1 Monetary developments and interest rates

| Period   | Money stock in various definitions 1,2 |      |       |                                  | Determinants of the money stock 1 |   |                              | Interest rates                   |                     |  |
|----------|--|------|-------|----------------------------------|-----------------------------------|---|------------------------------|----------------------------------|---------------------|--|
|          | M1                                     | M2   | M 3 3 |                                  | MFI lending, total                | MFI lending to enterprises and households | Monetary capital formation 4 | Eonia 5,7                        | 3-month Euribor 6,7 | Yield on European government bonds outstanding 8 |
|          |  |      |       | 3-month moving average (centred) |                                   |   |                              |                                  |                     |  |
|          | Annual percentage change               |      |       |                                  |                                   |   |                              | % per annum as a monthly average |                     |  |
| 2006 Dec | 7.6                                    | 9.4  | 9.9   | 9.8                              | 8.2                               | 11.5                                      | 8.5                          | 3.50                             | 3.68                | 3.9  |
| 2007 Jan | 6.9                                    | 9.1  | 10.1  | 10.0                             | 8.1                               | 11.3                                      | 8.7                          | 3.56                             | 3.75                | 4.1  |
| Feb      | 6.8                                    | 8.9  | 10.1  | 10.4                             | 7.8                               | 10.7                                      | 8.5                          | 3.57                             | 3.82                | 4.1  |
| Mar      | 7.0                                    | 9.5  | 11.0  | 10.4                             | 7.8                               | 10.9                                      | 9.2                          | 3.69                             | 3.89                | 4.0  |
| Apr      | 6.2                                    | 8.8  | 10.3  | 10.6                             | 7.6                               | 10.7                                      | 9.1                          | 3.82                             | 3.98                | 4.2  |
| May      | 5.9                                    | 9.3  | 10.6  | 10.6                             | 8.3                               | 10.9                                      | 8.8                          | 3.79                             | 4.07                | 4.3  |
| June     | 6.1                                    | 9.5  | 11.0  | 11.1                             | 8.6                               | 11.5                                      | 9.4                          | 3.96                             | 4.15                | 4.6  |
| July     | 6.9                                    | 10.5 | 11.7  | 11.4                             | 8.7                               | 11.5                                      | 9.3                          | 4.06                             | 4.22                | 4.6  |
| Aug      | 6.6                                    | 10.5 | 11.5  | 11.5                             | 8.8                               | 11.7                                      | 9.3                          | 4.05                             | 4.54                | 4.4  |
| Sep      | 6.1                                    | 10.2 | 11.3  | 11.7                             | 8.7                               | 11.6                                      | 8.9                          | 4.03                             | 4.74                | 4.3  |
| Oct      | 6.4                                    | 11.2 | 12.3  | 12.0                             | 9.2                               | 12.3                                      | 9.0                          | 3.94                             | 4.69                | 4.4  |
| Nov      | 6.2                                    | 10.9 | 12.3  | 12.0                             | 9.1                               | 12.1                                      | 8.4                          | 4.02                             | 4.64                | 4.2  |
| Dec      | 4.0                                    | 10.1 | 11.5  | 11.8                             | 10.1                              | 12.8                                      | 9.0                          | 3.88                             | 4.85                | 4.3  |
| 2008 Jan | 4.4                                    | 10.4 | 11.5  | 11.4                             | 10.1                              | 12.8                                      | 9.0                          | 4.02                             | 4.48                | 4.2  |
| Feb      | 3.7                                    | 10.6 | 11.3  | 10.9                             | 9.9                               | 12.7                                      | 7.8                          | 4.03                             | 4.36                | 4.1  |
| Mar      | 2.8                                    | 9.7  | 9.9   | 10.5                             | 9.8                               | 12.3                                      | 6.5                          | 4.09                             | 4.60                | 4.1  |
| Apr      | 2.4                                    | 10.3 | 10.3  | 10.1                             | 9.9                               | 12.1                                      | 6.4                          | 3.99                             | 4.78                | 4.3  |
| May      | 2.3                                    | 10.1 | 10.0  | 10.0                             | 9.5                               | 12.0                                      | 6.4                          | 4.01                             | 4.86                | 4.4  |
| June     | 1.5                                    | 9.5  | 9.5   | 9.6                              | 9.1                               | 11.2                                      | 5.7                          | 4.01                             | 4.94                | 4.8  |
| July     | 0.2                                    | 9.1  | 9.1   | 9.2                              | 9.1                               | 11.0                                      | 5.5                          | 4.19                             | 4.96                | 4.7  |
| Aug      | 0.2                                    | 8.9  | 8.8   | ...                              | 9.2                               | 10.8                                      | 5.5                          | 4.30                             | 4.97                | 4.5  |
| Sep      | ...                                    | ...  | ...   | ...                              | ...                               | ...                                       | ...                          | 4.27                             | 5.02                | 4.4  |

1 Source: ECB. — 2 Seasonally adjusted. — 3 Excluding money market fund shares/units, money market paper and debt securities with a maturity of up to two years held by non-euro-area residents. — 4 Longer-term liabilities to euro-area non-MFIs. — 5 Euro OverNight Index Average. — 6 Euro Interbank Offered Rate. — 7 See also footnotes to Table VI.4, p 43\*. — 8 GDP-weighted yield on ten-year government bonds.

2 External transactions and positions \*

| Period   | Selected items of the euro-area balance of payments |                        |          |                   |                           |                  |                | Euro exchange rates 1 |                           |        |
|----------|---|------------------------|----------|-------------------|---------------------------|------------------|----------------|-----------------------|---------------------------|--------|
|          | Current account                                     |                        |          | Capital account   |                           |                  |                | Dollar rate           | Effective exchange rate 3 |        |
|          | Balance   | of which Trade balance | Balance  | Direct investment | Securities transactions 2 | Other investment | Reserve assets |                       | Nominal                   | Real 4 |
|          | € million   |                        |          |                   |                           |                  |                | Euro/US-\$            | Q1 1999 = 100             |        |
| 2006 Dec | + 13,543  | + 3,624                | - 22,903 | - 20,944          | + 17,334                  | - 17,405         | - 1,888        | 1.3213                | 105.6                     | 106.3  |
| 2007 Jan | - 2,011   | - 4,002                | + 47,226 | - 11,493          | + 38,285                  | + 23,281         | - 2,846        | 1.2999                | 104.9                     | 105.7  |
| Feb      | - 3,672   | + 2,455                | + 9,056  | - 357             | + 16,080                  | - 6,103          | - 563          | 1.3074                | 105.4                     | 106.2  |
| Mar      | + 9,430   | + 10,184               | - 26,846 | - 2,406           | + 72,988                  | - 99,415         | + 1,987        | 1.3242                | 106.1                     | 106.8  |
| Apr      | - 2,508   | + 4,887                | + 51,755 | - 5,085           | - 2,975                   | + 61,400         | - 1,585        | 1.3516                | 107.2                     | 107.8  |
| May      | - 13,176  | + 4,000                | + 7,030  | - 25,856          | + 9,387                   | + 24,317         | - 817          | 1.3511                | 107.3                     | 107.9  |
| June     | + 13,734  | + 11,235               | - 8,972  | - 26,929          | + 64,248                  | - 44,335         | - 1,956        | 1.3419                | 106.9                     | 107.6  |
| July     | + 6,299   | + 7,770                | + 48,035 | - 109             | + 7,772                   | + 43,416         | - 3,044        | 1.3716                | 107.6                     | 108.1  |
| Aug      | + 1,094   | + 3,633                | + 66,467 | + 475             | - 1,348                   | + 66,212         | + 1,129        | 1.3622                | 107.1                     | 107.6  |
| Sep      | + 6,238   | + 5,668                | - 16,996 | - 41,238          | + 31,902                  | - 5,234          | - 2,425        | 1.3896                | 108.2                     | 108.8  |
| Oct      | + 4,183   | + 7,157                | - 41,008 | + 35,379          | - 49,481                  | - 26,965         | + 60           | 1.4227                | 109.4                     | 110.1  |
| Nov      | + 2,868   | + 4,769                | + 12,606 | + 9,590           | - 12,784                  | + 15,547         | + 254          | 1.4684                | 111.0                     | 111.7  |
| Dec      | + 4,089   | - 2,195                | - 52,107 | - 49,249          | - 28,792                  | + 21,379         | + 4,555        | 1.4570                | 111.2                     | 111.7  |
| 2008 Jan | - 18,011  | - 9,059                | + 22,881 | - 51,932          | + 33,805                  | + 47,414         | - 6,406        | 1.4718                | 112.0                     | 112.3  |
| Feb      | + 7,627   | + 4,703                | - 8,416  | - 22,425          | + 16,349                  | - 6,964          | + 4,624        | 1.4748                | 111.8                     | 111.9  |
| Mar      | - 4,806   | + 1,426                | + 4,716  | - 30,478          | + 8,283                   | + 30,202         | - 3,291        | 1.5527                | 114.6                     | 115.0  |
| Apr      | - 7,359   | + 4,245                | + 18,207 | - 22,444          | - 17,880                  | + 61,888         | - 3,357        | 1.5751                | 116.0                     | 116.1  |
| May      | - 19,592  | - 3,272                | + 45,285 | - 8,774           | - 7,349                   | + 58,656         | + 2,750        | 1.5557                | 115.5                     | 115.5  |
| June     | + 1,088   | + 3,086                | + 12,660 | - 23,084          | + 56,506                  | - 21,255         | + 493          | 1.5553                | 115.4                     | 115.4  |
| July     | - 1,099   | + 915                  | - 4,542  | - 14,488          | - 2,456                   | + 14,058         | - 1,655        | 1.5770                | 115.8                     | 115.5  |
| Aug      | ...   | ...                    | ...      | ...               | ...                       | ...              | ...            | 1.4975                | 113.5                     | 113.2  |
| Sep      | ...   | ...                    | ...      | ...               | ...                       | ...              | ...            | 1.4370                | 111.6                     | 111.3  |

\* Source: ECB. — 1 See also Tables XI.12 and 13, pp 75–76. — 2 Including financial derivatives. — 3 Vis-à-vis the currencies of The-EER-22 group. — 4 Based on consumer prices.

**I. Key economic data for the euro area**
**3 General economic indicators**

| Period   | Euro area        | Belgium | Germany | Finland | France | Greece | Ireland          | Italy |
|--|------------------|---------|---------|---------|--------|--------|------------------|-------|
| <b>Real gross domestic product <sup>1</sup></b>          |                  |         |         |         |        |        |                  |       |
| 2005   | 1.7              | 1.7     | 0.8     | 2.8     | 1.9    | 3.8    | 6.4              | 0.6   |
| 2006   | 2.9              | 2.8     | 3.0     | 4.9     | 2.2    | 4.2    | 5.7              | 1.8   |
| 2007   | 2.6              | 2.8     | 2.5     | 4.5     | 2.2    | 4.0    | 6.0              | 1.5   |
| 2007 Q1  | 3.2              | 4.0     | 3.4     | 5.0     | 2.1    | 4.4    | 8.7              | 2.1   |
| Q2   | 2.6              | 3.3     | 2.5     | 4.9     | 1.6    | 4.1    | 5.9              | 1.8   |
| Q3   | 2.6              | 2.4     | 2.4     | 4.1     | 2.4    | 3.9    | 4.0              | 1.8   |
| Q4   | 2.1              | 1.7     | 1.6     | 4.1     | 2.5    | 3.6    | 5.5              | 0.3   |
| 2008 Q1  | 2.1              | 1.7     | 1.8     | 2.3     | 1.8    | 3.6    | - 1.3            | 0.2   |
| Q2   | 1.4              | 2.0     | 3.1     | 2.8     | 1.6    | 3.5    | - 0.8            | 0.0   |
| <b>Industrial production <sup>1,2</sup></b>              |                  |         |         |         |        |        |                  |       |
| 2005   | 1.4              | - 0.4   | 3.3     | 0.3     | 0.3    | - 0.9  | 3.0              | - 0.8 |
| 2006   | 4.0              | 5.1     | 5.9     | 9.8     | 0.9    | 0.5    | 5.1              | 2.4   |
| 2007   | 3.4              | 2.6     | 6.1     | 4.4     | 1.3    | 2.2    | 7.2              | - 0.2 |
| 2007 Q1  | 3.9              | 3.8     | 7.0     | 3.8     | 0.6    | 3.5    | 13.6             | 1.2   |
| Q2   | 2.8              | 2.6     | 5.9     | 3.7     | - 0.1  | 0.7    | - 1.0            | 0.7   |
| Q3   | 3.9              | 3.2     | 6.2     | 3.8     | 2.3    | 2.4    | 7.5              | 1.0   |
| Q4   | 2.9              | 1.1     | 5.6     | 6.0     | 2.4    | 2.2    | 9.9              | - 3.4 |
| 2008 Q1  | 2.5              | 3.1     | 5.0     | 3.6     | 1.8    | - 2.8  | 3.2              | - 1.3 |
| Q2   | 1.1              | 2.1     | 3.3     | 2.6     | - 0.1  | - 1.3  | <sup>p</sup> 4.3 | - 1.3 |
| <b>Capacity utilisation in industry <sup>3</sup></b>     |                  |         |         |         |        |        |                  |       |
| 2005   | 81.2             | 79.4    | 82.9    | 84.9    | 83.2   | 72.1   | 74.2             | 76.4  |
| 2006   | 83.0             | 82.7    | 85.5    | 86.0    | 85.0   | 75.7   | 75.7             | 77.6  |
| 2007   | 84.2             | 83.2    | 87.5    | 87.3    | 86.6   | 76.9   | 76.6             | 78.2  |
| 2007 Q2  | 84.6             | 83.2    | 88.2    | 86.9    | 86.2   | 76.9   | 77.1             | 78.9  |
| Q3   | 84.1             | 82.8    | 87.1    | 86.7    | 86.4   | 76.7   | 75.9             | 78.2  |
| Q4   | 84.0             | 83.4    | 87.0    | 86.3    | 87.6   | 77.1   | 76.4             | 77.4  |
| 2008 Q1  | 83.9             | 83.8    | 87.2    | 86.3    | 86.8   | 76.7   | 79.4             | 76.7  |
| Q2   | 83.8             | 83.4    | 87.6    | 85.2    | 86.2   | 77.3   | 75.3             | 76.2  |
| Q3   | 82.7             | 82.1    | 86.2    | 84.3    | 86.1   | 76.2   | ...              | 75.6  |
| <b>Unemployment rate <sup>4</sup></b>                    |                  |         |         |         |        |        |                  |       |
| 2005   | 8.9              | 8.5     | 10.7    | 8.4     | 9.2    | 9.9    | 4.4              | 7.7   |
| 2006   | 8.3              | 8.3     | 9.8     | 7.7     | 9.2    | 8.9    | 4.5              | 6.8   |
| 2007   | 7.4              | 7.5     | 8.4     | 6.9     | 8.3    | 8.3    | 4.6              | 6.1   |
| 2008 Mar   | 7.2              | 6.8     | 7.5     | 6.3     | 7.6    | 7.8    | 5.2              | 6.7   |
| Apr  | 7.3              | 6.7     | 7.4     | 6.3     | 7.6    | 7.5    | 5.2              | 6.8   |
| May  | 7.4              | 6.6     | 7.4     | 6.3     | 7.6    | 7.5    | 5.4              | 6.8   |
| June   | 7.4              | 6.6     | 7.4     | 6.3     | 7.7    | 7.5    | 5.6              | 6.8   |
| July   | 7.4              | 6.6     | 7.3     | 6.3     | 7.8    | ...    | 5.9              | ...   |
| Aug  | 7.5              | 6.6     | 7.2     | 6.3     | 8.0    | ...    | 6.2              | ...   |
| <b>Harmonised Index of Consumer Prices <sup>1</sup></b>  |                  |         |         |         |        |        |                  |       |
| 2005   | 2.2              | 2.5     | 1.9     | 0.8     | 1.9    | 3.5    | 2.2              | 2.2   |
| 2006   | 2.2              | 2.3     | 1.8     | 1.3     | 1.9    | 3.3    | 2.7              | 2.2   |
| 2007   | <sup>5</sup> 2.1 | 1.8     | 2.3     | 1.6     | 1.6    | 3.0    | 2.9              | 2.0   |
| 2008 Apr   | <sup>6</sup> 3.3 | 4.1     | 2.6     | 3.3     | 3.4    | 4.4    | 3.3              | 3.6   |
| May  | 3.7              | 5.1     | 3.1     | 4.1     | 3.7    | 4.9    | 3.7              | 3.7   |
| June   | 4.0              | 5.8     | 3.4     | 4.3     | 4.0    | 4.9    | 3.9              | 4.0   |
| July   | 4.0              | 5.9     | 3.5     | 4.3     | 4.0    | 4.9    | 3.6              | 4.0   |
| Aug  | 3.8              | 5.4     | 3.3     | 4.6     | 3.5    | 4.8    | 3.2              | 4.2   |
| Sep  | <sup>p</sup> 3.6 | 5.5     | 3.0     | 4.7     | 3.3    | 4.7    | 3.2              | 3.9   |
| <b>General government financial balance <sup>7</sup></b> |                  |         |         |         |        |        |                  |       |
| 2005   | - 2.6            | - 2.3   | - 3.3   | 2.9     | - 2.9  | - 5.1  | 1.6              | - 4.2 |
| 2006   | - 1.3            | 0.3     | - 1.5   | 4.1     | - 2.4  | - 2.6  | 3.0              | - 3.4 |
| 2007   | - 0.6            | - 0.2   | 0.1     | 5.3     | - 2.7  | - 2.8  | 0.3              | - 1.9 |
| <b>General government debt <sup>7</sup></b>              |                  |         |         |         |        |        |                  |       |
| 2005   | 70.2             | 92.1    | 67.8    | 41.3    | 66.4   | 98.0   | 27.4             | 105.8 |
| 2006   | 68.5             | 88.2    | 67.6    | 39.2    | 63.6   | 95.3   | 25.1             | 106.5 |
| 2007   | 66.3             | 84.9    | 65.1    | 35.4    | 64.2   | 94.5   | 25.4             | 104.0 |

Sources: National data, European Commission, Eurostat, European Central Bank. Latest data are partly based on press reports and are provisional. — <sup>1</sup> Annual percentage change; GDP of Greece, Portugal and the euro area calculated from seasonally adjusted data. — <sup>2</sup> Manufacturing, mining and

energy; adjusted for working-day variations. — <sup>3</sup> Manufacturing, in %; seasonally adjusted; data are collected in January, April, July and October. — <sup>4</sup> Standardised, as a percentage of the civilian labour force; force; seasonally adjusted. — <sup>5</sup> Including Slovenia from 2007 onwards. —

I. Key economic data for the euro area

3 General economic indicators

| Luxembourg   | Malta | Netherlands      | Austria          | Portugal | Slovenia | Spain | Cyprus | Period   |
|--|-------|------------------|------------------|----------|----------|-------|--------|----------|
| <b>Real gross domestic product <sup>1</sup></b>          |       |                  |                  |          |          |       |        |          |
| 5.2  | 3.5   | 2.1              | 2.9              | 0.9      | 4.4      | 3.6   | 3.9    | 2005     |
| 6.4  | 3.1   | 3.4              | 3.4              | 1.4      | 5.9      | 3.9   | 4.1    | 2006     |
| 5.2  | 3.7   | 3.5              | 3.1              | 1.9      | 6.8      | 3.7   | 4.4    | 2007     |
| 7.2  | 3.9   | 2.8              | 3.8              | 2.0      | 7.2      | 3.9   | 4.5    | 2007 Q1  |
| 5.2  | 3.2   | 2.9              | 3.2              | 1.9      | 6.0      | 3.6   | 4.2    | Q2       |
| 4.8  | 4.0   | 4.0              | 2.7              | 1.8      | 6.4      | 3.6   | 4.6    | Q3       |
| 3.6  | 3.7   | 4.1              | 2.6              | 1.9      | 4.7      | 3.6   | 4.4    | Q4       |
| 1.2  | 3.4   | 3.3              | 2.8              | 0.9      | 5.4      | 2.8   | 4.1    | 2008 Q1  |
| 2.8  | 3.2   | 3.0              | 2.0              | 0.7      | 5.5      | 1.6   | 3.9    | Q2       |
| <b>Industrial production<sup>1,2</sup></b>               |       |                  |                  |          |          |       |        |          |
| 1.0  | -     | 0.4              | 4.2              | 0.3      | 4.0      | 0.7   | 0.9    | 2005     |
| 2.4  | -     | 1.4              | 7.3              | 2.8      | 6.6      | 3.9   | 0.7    | 2006     |
| 0.3  | -     | 2.3              | 4.9              | 1.8      | 6.2      | 1.9   | 3.1    | 2007     |
| 2.4  | -     | 3.7              | 6.8              | 4.2      | 9.0      | 4.2   | 1.8    | 2007 Q1  |
| 2.2  | -     | 0.0              | 5.6              | 1.5      | 7.4      | 2.5   | 2.2    | Q2       |
| - 2.9  | -     | 4.7              | 4.4              | 1.3      | 5.8      | 1.1   | 3.9    | Q3       |
| - 0.7  | -     | 8.4              | 3.2              | 0.0      | 3.0      | - 0.2 | 4.3    | Q4       |
| - 2.0  | -     | 5.5              | 4.5              | - 2.8    | 2.6      | - 0.5 | 4.2    | 2008 Q1  |
| 0.7  | -     | 4.6              | 3.8              | - 2.7    | 1.9      | - 5.1 | 4.1    | Q2       |
| <b>Capacity utilisation in industry <sup>3</sup></b>     |       |                  |                  |          |          |       |        |          |
| 82.3   | 72.8  | 82.0             | 81.7             | 80.0     | 82.2     | 80.2  | 72.6   | 2005     |
| 85.2   | 81.6  | 82.0             | 83.4             | 78.4     | 83.9     | 80.5  | 69.9   | 2006     |
| 87.3   | 80.8  | 83.6             | 85.2             | 81.8     | 85.9     | 81.0  | 70.0   | 2007     |
| 88.8   | 87.4  | 83.3             | 85.5             | 81.7     | 86.2     | 81.3  | 69.8   | 2007 Q2  |
| 86.5   | 78.7  | 83.8             | 85.2             | 84.3     | 85.9     | 81.4  | 69.2   | Q3       |
| 86.5   | 76.3  | 83.8             | 84.8             | 81.3     | 86.0     | 80.0  | 71.3   | Q4       |
| 86.0   | 79.5  | 83.5             | 83.6             | 78.1     | 84.8     | 81.1  | 72.5   | 2008 Q1  |
| 84.5   | 82.4  | 83.4             | 84.0             | 82.3     | 85.3     | 80.2  | 73.2   | Q2       |
| 85.9   | 78.2  | 83.6             | 82.4             | 79.7     | 83.8     | 79.0  | 72.3   | Q3       |
| <b>Unemployment rate <sup>4</sup></b>                    |       |                  |                  |          |          |       |        |          |
| 4.6  | 7.2   | 4.7              | 5.2              | 7.7      | 6.5      | 9.2   | 5.3    | 2005     |
| 4.6  | 7.1   | 3.9              | 4.8              | 7.8      | 6.0      | 8.5   | 4.6    | 2006     |
| 4.1  | 6.4   | 3.2              | 4.4              | 8.1      | 4.9      | 8.3   | 4.0    | 2007     |
| 3.9  | 5.7   | 2.9              | 3.8              | 7.5      | 4.7      | 9.6   | 3.7    | 2008 Mar |
| 4.0  | 5.7   | 2.9              | 3.8              | 7.5      | 4.5      | 10.1  | 3.7    | Apr      |
| 4.1  | 5.8   | 2.8              | 3.6              | 7.6      | 4.4      | 10.5  | 3.6    | May      |
| 4.1  | 5.7   | 2.6              | 3.5              | 7.6      | 4.3      | 10.8  | 3.7    | June     |
| 4.1  | 5.7   | 2.6              | 3.4              | 7.5      | 4.3      | 11.0  | 3.7    | July     |
| 4.2  | 5.7   | 2.6              | 3.3              | 7.5      | 4.2      | 11.3  | 3.6    | Aug      |
| <b>Harmonised Index of Consumer Prices <sup>1</sup></b>  |       |                  |                  |          |          |       |        |          |
| 3.8  | 2.5   | 1.5              | 2.1              | 2.1      | 2.5      | 3.4   | 2.0    | 2005     |
| 3.0  | 2.6   | 1.7              | 1.7              | 3.0      | 2.5      | 3.6   | 2.2    | 2006     |
| 2.7  | 0.7   | 1.6              | 2.2              | 2.4      | 3.8      | 2.8   | 2.2    | 2007     |
| 4.3  | 4.1   | 1.7              | 3.4              | 2.5      | 6.2      | 4.2   | 4.3    | 2008 Apr |
| 4.8  | 4.1   | 2.1              | 3.7              | 2.8      | 6.2      | 4.7   | 4.6    | May      |
| 5.3  | 4.4   | 2.3              | 4.0              | 3.4      | 6.8      | 5.1   | 5.2    | June     |
| 5.8  | 5.6   | 3.0              | 3.8              | 3.1      | 6.9      | 5.3   | 5.3    | July     |
| 4.8  | 5.4   | 3.0              | 3.6              | 3.1      | 6.0      | 4.9   | 5.1    | Aug      |
| 4.8  | 4.9   | <sup>p</sup> 2.8 | <sup>p</sup> 3.7 | 3.2      | 5.6      | 4.6   | 5.0    | Sep      |
| <b>General government financial balance <sup>7</sup></b> |       |                  |                  |          |          |       |        |          |
| - 0.1  | - 3.0 | - 0.3            | - 1.5            | - 6.1    | - 1.5    | 1.0   | - 2.4  | 2005     |
| 1.3  | - 2.5 | 0.5              | - 1.5            | - 3.9    | - 1.2    | 1.8   | - 1.2  | 2006     |
| 2.9  | - 1.8 | 0.4              | - 0.5            | - 2.6    | - 0.1    | 2.2   | 3.3    | 2007     |
| <b>General government debt <sup>7</sup></b>              |       |                  |                  |          |          |       |        |          |
| 6.1  | 70.4  | 52.3             | 63.5             | 63.6     | 27.5     | 43.0  | 69.1   | 2005     |
| 6.6  | 64.2  | 47.9             | 61.8             | 64.7     | 27.2     | 39.7  | 64.8   | 2006     |
| 6.8  | 62.6  | 45.4             | 59.1             | 63.6     | 24.1     | 36.2  | 59.8   | 2007     |

6 Including Malta and Cyprus from 2008 onwards. — 7 As a percentage of GDP; euro-area aggregate: European Central Bank (ESA 1995), member states: European Commission (Maastricht Treaty definition). The results of

the revised national accounts of August 2008 for Germany concerning deficit and GDP, which are already reported, are not yet included in the calculation of the aggregate.

**II Overall monetary survey in the euro area**
**1 The money stock and its counterparts \***
**(a) Euro area**

€ billion

| Period   | I Lending to non-banks (non-MFIs) in the euro area |                            |                     |                    |                     | II Net claims on non-euro-area residents |                                   |  | III Monetary capital formation at monetary financial institutions (MFIs) in the euro area |  |  |  |                                   |
|----------|--|----------------------------|---------------------|--------------------|---------------------|--|-----------------------------------|--|---|--|--|--|-----------------------------------|
|          | Total  | Enterprises and households |                     | General government |                     | Total                                    | Claims on non-euro-area residents | Liabilities to non-euro-area residents | Total   | Deposits with an agreed maturity of over 2 years | Deposits at agreed notice of over 3 months | Debt securities with maturities of over 2 years (net) <sup>2</sup> | Capital and reserves <sup>3</sup> |
|          |  | Total                      | of which Securities | Total              | of which Securities |  |                                   |  |   |  |  |  |                                   |
| 2007 Jan | 116.3  | 99.2                       | 10.4                | 17.2               | 21.0                | - 24.2                                   | 142.7                             | 166.8                                  | 17.1  | 4.0  | 1.9  | 7.8  | 3.4                               |
| Feb      | 69.0   | 67.6                       | 2.4                 | 1.4                | 4.4                 | 36.5                                     | 121.1                             | 84.6                                   | 52.3  | 2.8  | 1.9  | 40.0   | 7.6                               |
| Mar      | 147.5  | 155.1                      | 48.2                | - 7.7              | - 6.4               | 75.9                                     | 116.9                             | 41.0                                   | 90.4  | 31.3   | 0.9  | 28.1   | 30.0                              |
| Apr      | 152.7  | 167.5                      | 75.0                | - 14.8             | - 15.4              | - 42.4                                   | 149.5                             | 191.9                                  | 24.8  | 12.6   | 0.3  | 17.2   | - 5.3                             |
| May      | 129.9  | 90.1                       | 15.5                | 39.8               | 45.4                | - 13.5                                   | 77.3                              | 90.7                                   | 14.4  | 16.7   | - 0.2                                      | 21.2   | - 23.4                            |
| June     | 97.5   | 115.4                      | - 4.7               | - 17.9             | - 17.5              | 55.7                                     | 3.4                               | - 52.2                                 | 83.6  | 19.7   | 0.7  | 31.7   | 31.6                              |
| July     | 86.8   | 107.9                      | 7.6                 | - 21.2             | - 22.5              | 8.2                                      | 66.7                              | 58.5                                   | 47.5  | 14.6   | 0.8  | 7.0  | 25.1                              |
| Aug      | - 2.5  | 34.8                       | - 4.3               | - 37.3             | - 31.9              | - 51.1                                   | - 10.9                            | 40.2                                   | 5.3   | - 4.4  | 0.2  | 9.3  | 0.2                               |
| Sep      | 124.4  | 136.3                      | 23.3                | - 11.9             | - 11.7              | - 24.4                                   | 31.1                              | 55.5                                   | 10.6  | - 3.1  | 1.3  | 0.4  | 12.0                              |
| Oct      | 161.1  | 162.6                      | 81.9                | - 1.4              | 2.2                 | 11.9                                     | 150.1                             | 138.2                                  | 59.6  | 16.8   | 1.1  | - 1.0  | 42.7                              |
| Nov      | 100.0  | 100.4                      | 13.3                | - 0.4              | - 1.2               | 28.6                                     | 80.9                              | 52.3                                   | - 2.9   | 2.8  | 0.8  | - 12.0   | 5.4                               |
| Dec      | 123.7  | 126.0                      | 67.9                | - 2.2              | - 13.1              | - 47.5                                   | - 136.4                           | - 88.9                                 | 86.8  | 51.1   | 0.4  | 1.7  | 33.7                              |
| 2008 Jan | 126.3  | 108.2                      | 17.7                | 18.1               | 14.6                | - 18.5                                   | 236.2                             | 254.7                                  | 19.8  | - 3.2  | 1.8  | 10.8   | 10.4                              |
| Feb      | 57.7   | 64.5                       | 2.5                 | - 6.7              | 2.8                 | - 13.8                                   | 85.4                              | 99.3                                   | - 6.9   | - 7.8  | - 1.1                                      | - 0.4  | 2.4                               |
| Mar      | 150.9  | 137.6                      | 26.5                | 13.3               | 6.6                 | - 51.0                                   | - 60.4                            | - 9.4                                  | 20.7  | 3.9  | - 2.3                                      | 9.6  | 9.5                               |
| Apr      | 186.9  | 163.4                      | 82.5                | 23.5               | 11.3                | - 73.4                                   | 82.6                              | 155.9                                  | 24.0  | 3.7  | - 1.6                                      | 15.7   | 6.1                               |
| May      | 85.3   | 84.3                       | 17.5                | 1.0                | 8.6                 | - 69.8                                   | - 21.0                            | 48.8                                   | 14.5  | 13.6   | - 1.7                                      | 10.3   | - 7.6                             |
| June     | 44.8   | 38.6                       | - 28.3              | 6.2                | - 5.9               | 14.4                                     | - 134.4                           | - 148.8                                | 50.1  | 8.3  | - 0.9                                      | 18.9   | 23.8                              |
| July     | 101.7  | 104.3                      | 41.7                | - 2.6              | 1.0                 | - 3.5                                    | 31.8                              | 35.3                                   | 35.4  | - 1.1  | - 0.7                                      | 16.3   | 20.9                              |
| Aug      | 15.4   | 14.6                       | 25.5                | 0.7                | 3.0                 | - 4.1                                    | 18.9                              | 23.0                                   | 6.1   | - 4.0  | - 1.3                                      | 0.3  | 11.0                              |

**(b) German contribution**

| Period   | I Lending to non-banks (non-MFIs) in the euro area |                            |                     |                    |                     | II Net claims on non-euro-area residents |                                   |  | III Monetary capital formation at monetary financial institutions (MFIs) in the euro area |  |  |  |                                   |
|----------|--|----------------------------|---------------------|--------------------|---------------------|--|-----------------------------------|--|---|--|--|--|-----------------------------------|
|          | Total  | Enterprises and households |                     | General government |                     | Total                                    | Claims on non-euro-area residents | Liabilities to non-euro-area residents | Total   | Deposits with an agreed maturity of over 2 years | Deposits at agreed notice of over 3 months | Debt securities with maturities of over 2 years (net) <sup>2</sup> | Capital and reserves <sup>3</sup> |
|          |  | Total                      | of which Securities | Total              | of which Securities |  |                                   |  |   |  |  |  |                                   |
| 2007 Jan | 36.3   | 25.6                       | 12.0                | 10.7               | 12.2                | - 11.2                                   | 17.8                              | 29.0                                   | 18.7  | - 0.2  | 1.8  | 5.8  | 11.3                              |
| Feb      | - 7.0  | 0.8                        | - 7.1               | - 7.8              | - 3.4               | 5.7                                      | 26.9                              | 21.2                                   | 5.7   | 0.8  | 2.0  | - 0.6  | 3.5                               |
| Mar      | 10.4   | 14.4                       | 6.4                 | - 4.0              | 2.2                 | 14.9                                     | 20.6                              | 5.7                                    | - 5.3   | - 0.8  | 1.5  | - 4.5  | - 1.4                             |
| Apr      | 32.6   | 33.4                       | 35.6                | - 0.9              | - 2.8               | - 12.4                                   | 25.2                              | 37.5                                   | 8.8   | 2.8  | 0.2  | 3.6  | 2.2                               |
| May      | - 13.9   | - 16.0                     | - 15.2              | 2.1                | 5.0                 | - 2.5                                    | 10.9                              | 13.4                                   | - 2.3   | - 0.0  | - 0.2                                      | 6.6  | - 8.6                             |
| June     | - 27.5   | - 11.9                     | - 24.8              | - 15.6             | - 10.1              | 58.7                                     | 24.1                              | - 34.6                                 | 9.6   | 2.1  | 0.6  | - 3.8  | 10.7                              |
| July     | 7.2  | 7.3                        | 5.8                 | - 0.1              | - 5.4               | 17.5                                     | 13.2                              | - 4.3                                  | 9.8   | 1.4  | 0.6  | - 0.7  | 8.5                               |
| Aug      | - 3.9  | 13.9                       | - 3.8               | - 17.8             | - 11.9              | - 10.1                                   | 5.6                               | 15.7                                   | - 10.7  | - 0.0  | 0.2  | - 9.0  | - 1.8                             |
| Sep      | 10.3   | 19.7                       | 5.7                 | - 9.4              | - 3.2               | 24.7                                     | 48.7                              | 24.0                                   | - 0.3   | 3.6  | 0.6  | - 3.0  | - 1.4                             |
| Oct      | 5.7  | 8.9                        | 2.5                 | - 3.2              | - 1.9               | 12.0                                     | 4.1                               | - 7.9                                  | 4.2   | - 2.8  | 1.1  | 5.9  | 0.0                               |
| Nov      | - 1.9  | 4.5                        | 1.4                 | - 6.4              | - 5.2               | 17.3                                     | 28.1                              | 10.7                                   | - 15.0  | - 0.7  | 1.0  | - 12.0   | - 3.2                             |
| Dec      | 5.8  | 11.7                       | - 0.9               | - 5.9              | - 4.4               | 21.0                                     | - 0.9                             | - 21.9                                 | - 2.1   | 5.1  | 1.0  | - 10.0   | 1.8                               |
| 2008 Jan | 35.9   | 36.4                       | 16.0                | - 0.5              | 3.2                 | - 41.6                                   | - 12.1                            | 29.6                                   | 2.3   | 1.1  | - 0.1                                      | 1.0  | 0.4                               |
| Feb      | - 7.9  | - 13.2                     | - 18.2              | 5.3                | 8.7                 | 7.1                                      | 29.0                              | 21.9                                   | - 8.3   | - 0.8  | - 0.9                                      | - 6.5  | - 0.1                             |
| Mar      | 44.0   | 43.5                       | 26.5                | 0.5                | 2.7                 | - 7.9                                    | 21.4                              | 29.3                                   | 4.2   | - 0.5  | - 2.1                                      | - 0.9  | 7.7                               |
| Apr      | 49.9   | 40.4                       | 29.4                | 9.4                | 4.9                 | - 3.2                                    | 17.7                              | 20.9                                   | 0.2   | 0.3  | - 1.4                                      | 1.6  | - 0.3                             |
| May      | - 12.8   | - 7.1                      | - 14.3              | - 5.8              | - 0.6               | 5.8                                      | - 6.7                             | - 12.5                                 | - 12.3  | 0.1  | - 1.4                                      | - 4.3  | - 6.8                             |
| June     | - 16.9   | - 4.1                      | - 24.2              | - 12.8             | - 11.8              | - 1.1                                    | - 32.5                            | - 31.4                                 | 3.6   | - 0.3  | - 0.8                                      | 0.7  | 4.0                               |
| July     | 10.1   | 13.9                       | 2.7                 | - 3.8              | - 3.8               | 0.1                                      | - 6.8                             | - 6.9                                  | 5.7   | - 0.4  | - 0.5                                      | - 0.2  | 6.9                               |
| Aug      | 25.7   | 30.3                       | 25.8                | - 4.6              | - 4.2               | - 10.2                                   | - 5.1                             | 5.1                                    | - 1.6   | - 1.0  | - 1.1                                      | - 1.7  | 2.3                               |

\* The data in this table are based on the consolidated balance sheet of monetary financial institutions (MFIs) (Table II.2); statistical breaks have been eliminated from the flow figures (see also the "Notes on the figures" in the "Explanatory notes" in the Statistical Supplement to the Monthly Report 1, p 30). — 1 Source: ECB. — 2 Excluding MFIs' portfolios. — 3 After

deduction of inter-MFI participations. — 4 Including the counterparts of monetary liabilities of central governments. — 5 Including the monetary liabilities of central governments (Post Office, Treasury). — 6 In Germany, only savings deposits. — 7 Paper held by residents outside the euro area has been eliminated. — 8 Less German MFIs' holdings of paper issued by

II Overall monetary survey in the euro area

(a) Euro area

| IV De-<br>posits of<br>central gov-<br>ernments | V Other factors |  | VI Money stock M3 (balance I plus II less III less IV less V) |                |                |                                 |                         |  |   |                           |  |  | Period   |
|---|-----------------|--|---|----------------|----------------|---------------------------------|-------------------------|--|---|---------------------------|--|--|----------|
|   | Total 4         | of which<br>Intra-<br>Eurosystem<br>liability/<br>claim<br>related to<br>banknote<br>issue | Total   | Money stock M2 |                |                                 |                         |  |   | Repo<br>transac-<br>tions | Money<br>market<br>fund<br>shares<br>(net) 2,7,8 | Debt secur-<br>ities with<br>maturities<br>of up to<br>2 years<br>(incl money<br>market<br>paper)<br>(net) 2,7 |          |
|   |                 |  |   | Total          | Money stock M1 |                                 |                         | Deposits<br>with an<br>agreed<br>maturity<br>of up to<br>2 years 5 | Deposits<br>at agreed<br>notice of<br>up to 3<br>months 5,6 |                           |  |  |          |
|   |                 |  |   |                | Total          | Currency<br>in cir-<br>culation | Overnight<br>deposits 5 |  |   |                           |  |  |          |
| 11.2  | 58.7            | -  | 5.2   | - 59.9         | - 83.4         | - 17.0                          | - 66.4                  | 23.1   | 0.4   | 14.2                      | 28.5   | 22.4   | 2007 Jan |
| 19.0  | - 1.3           | -  | 35.4  | 7.4            | - 6.5          | 3.1                             | - 9.5                   | 25.1   | - 11.3  | 6.6                       | 10.8   | 10.6   | Feb      |
| - 5.4   | - 23.5          | -  | 162.0   | 125.4          | 62.2           | 9.8                             | 52.4                    | 65.4   | - 2.2   | 13.2                      | 14.5   | 8.8  | Mar      |
| - 9.9   | 27.9            | -  | 67.6  | 49.7           | 21.2           | 6.2                             | 15.0                    | 36.1   | - 7.6   | - 0.3                     | 17.6   | 0.7  | Apr      |
| 25.9  | - 3.1           | -  | 79.3  | 48.2           | 20.9           | 2.9                             | 18.1                    | 31.0   | - 3.7   | 3.5                       | 16.0   | 11.6   | May      |
| 21.2  | - 26.4          | -  | 74.8  | 95.3           | 67.0           | 7.3                             | 59.7                    | 34.6   | - 6.3   | - 4.4                     | - 3.1  | - 13.0   | June     |
| - 41.5  | 34.7            | -  | 54.2  | 37.8           | - 13.6         | 8.0                             | - 21.6                  | 61.6   | - 10.2  | 4.9                       | 14.4   | - 2.8  | July     |
| - 6.3   | - 59.8          | -  | 7.3   | - 20.4         | - 82.8         | - 2.3                           | - 80.5                  | 70.4   | - 8.0   | 10.5                      | - 6.9  | 24.1   | Aug      |
| 22.3  | - 36.5          | -  | 103.6   | 105.1          | 77.1           | - 0.2                           | 77.3                    | 34.4   | - 6.4   | 1.1                       | - 24.5   | 21.9   | Sep      |
| - 16.5  | 48.2            | -  | 81.7  | 56.3           | - 31.6         | 3.1                             | - 34.7                  | 103.4  | - 15.5  | - 1.8                     | 12.1   | 15.0   | Oct      |
| 15.5  | 19.1            | -  | 96.8  | 61.9           | 40.9           | 5.1                             | 35.8                    | 27.2   | - 6.3   | 8.4                       | 11.7   | 14.9   | Nov      |
| - 48.8  | - 70.9          | -  | 109.1   | 160.7          | 70.7           | 19.9                            | 50.8                    | 69.2   | 20.8  | - 18.8                    | - 36.5   | 3.8  | Dec      |
| 15.3  | 44.0            | -  | 28.7  | - 31.9         | - 62.1         | - 16.5                          | - 45.6                  | 30.0   | 0.2   | 24.2                      | 43.8   | - 7.4  | 2008 Jan |
| 20.3  | 5.1             | -  | 25.4  | 27.7           | - 47.3         | 5.6                             | - 52.9                  | 77.6   | - 2.7   | 7.1                       | 11.9   | - 21.3   | Feb      |
| 11.0  | - 3.9           | -  | 72.1  | 78.2           | 54.1           | 4.2                             | 50.0                    | 18.4   | 5.6   | - 0.5                     | - 2.4  | - 3.3  | Mar      |
| - 2.3   | 2.8             | -  | 89.0  | 77.9           | - 16.3         | 8.5                             | - 24.8                  | 96.0   | - 1.8   | 14.9                      | 10.4   | - 14.1   | Apr      |
| - 24.0  | - 63.3          | -  | 88.2  | 58.8           | 29.5           | 4.4                             | 25.1                    | 33.4   | - 4.1   | 4.4                       | 3.9  | 21.1   | May      |
| 37.1  | - 52.8          | -  | 24.9  | 50.1           | 47.9           | 6.4                             | 41.5                    | 5.9  | - 3.7   | - 3.0                     | - 23.1   | 0.9  | June     |
| - 30.2  | 71.1            | -  | 21.8  | 9.4            | - 78.2         | 6.6                             | - 84.8                  | 98.2   | - 10.7  | 2.9                       | 8.1  | 1.5  | July     |
| 5.8   | - 17.0          | -  | 16.4  | - 0.5          | - 51.3         | - 2.7                           | - 48.6                  | 53.3   | - 2.5   | 9.7                       | 14.2   | - 7.0  | Aug      |

(b) German contribution

| IV De-<br>posits of<br>central gov-<br>ernments | V Other factors |   |                                 | VI Money stock M3 (balance I plus II less III less IV less V) 10 |                               |  |   |                           |  |       |   |  | Period |
|---|-----------------|---|---------------------------------|--|-------------------------------|--|---|---------------------------|--|-------|---|--|--------|
|   | Total           | of which  |                                 | Total  | Components of the money stock |  |   |                           |  |       | Debt securities<br>with<br>maturities<br>of up to 2 years<br>(incl money<br>market<br>paper)(net) 7 |  |        |
|   |                 | Intra-<br>Eurosystem<br>liability/<br>claim<br>related to<br>banknote<br>issue 9,11 | Currency<br>in cir-<br>culation |  | Overnight<br>deposits         | Deposits<br>with an<br>agreed<br>maturity<br>of up to<br>2 years | Deposits<br>at agreed<br>notice of<br>up to 3<br>months 6 | Repo<br>transac-<br>tions | Money<br>market<br>fund<br>shares<br>(net) 7,8 |       |   |  |        |
|   |                 |   |                                 |  |                               |  |   |                           |  |       |   |  |        |
| - 1.9   | 0.1             | 1.1   | - 4.3                           | 8.3  | - 1.1                         | 2.7  | - 6.2   | 8.0                       | 0.2  | 4.7   | 2007 Jan  |  |        |
| 0.2   | - 12.3          | 1.1   | 0.7                             | 5.1  | - 0.6                         | 4.2  | - 3.9   | 4.7                       | - 0.7  | 1.5   | Feb   |  |        |
| - 0.3   | 15.9            | 1.0   | 2.5                             | 15.0   | 3.8                           | 8.1  | - 3.3   | 0.1                       | 1.2  | 5.0   | Mar   |  |        |
| 0.3   | 1.3             | 0.0   | 2.2                             | 9.8  | - 2.6                         | 17.4   | - 4.1   | - 0.4                     | - 0.0  | - 0.5 | Apr   |  |        |
| 5.2   | - 29.5          | 2.9   | - 0.0                           | 10.2   | 8.3                           | 6.4  | - 4.2   | - 1.5                     | 0.3  | 0.9   | May   |  |        |
| 0.9   | - 1.1           | 1.2   | 2.6                             | 21.9   | 9.8                           | 12.3   | - 4.1   | 3.2                       | 1.5  | 0.7   | June  |  |        |
| - 7.3   | 18.7            | 0.5   | 2.3                             | 3.5  | 2.7                           | 9.3  | - 5.8   | - 7.0                     | - 0.4  | 4.7   | July  |  |        |
| - 0.3   | - 19.9          | 2.3   | - 0.9                           | 16.9   | - 7.5                         | 26.9   | - 3.9   | 2.7                       | - 3.8  | 2.6   | Aug   |  |        |
| - 1.3   | 8.3             | 1.8   | - 0.5                           | 28.2   | 13.0                          | 16.2   | - 3.6   | 7.9                       | - 3.7  | 1.6   | Sep   |  |        |
| - 0.4   | 17.8            | 1.4   | 1.2                             | - 4.0  | - 11.1                        | 15.6   | - 4.8   | - 1.7                     | - 1.0  | 1.0   | Oct   |  |        |
| 5.7   | - 22.6          | 1.1   | 1.5                             | 47.3   | 30.9                          | 10.7   | - 4.1   | 5.1                       | - 0.0  | 4.6   | Nov   |  |        |
| - 6.5   | 10.5            | 0.9   | 4.7                             | 24.9   | - 15.4                        | 51.1   | - 6.4   | - 13.1                    | - 0.4  | 3.7   | Dec   |  |        |
| - 0.1   | - 21.3          | 0.7   | - 4.1                           | 13.4   | 2.6                           | - 5.1  | - 4.8   | 15.4                      | - 0.0  | 5.2   | 2008 Jan  |  |        |
| - 1.3   | - 7.3           | 2.1   | 1.5                             | 16.1   | - 4.2                         | 19.7   | - 2.1   | 3.9                       | 0.5  | 1.7   | Feb   |  |        |
| 2.3   | 23.9            | 1.4   | 1.4                             | 5.7  | 8.8                           | 0.7  | - 1.6   | 0.8                       | - 1.5  | 1.4   | Mar   |  |        |
| - 3.3   | 29.7            | 0.4   | 2.8                             | 20.1   | - 13.3                        | 25.2   | - 2.7   | 9.0                       | - 1.5  | 3.4   | Apr   |  |        |
| 2.2   | - 7.5           | 2.1   | 0.4                             | 10.6   | 2.8                           | 17.4   | - 2.1   | 0.2                       | - 0.6  | 7.1   | May   |  |        |
| - 0.3   | - 27.2          | 0.9   | 2.2                             | 5.8  | 8.4                           | - 4.3  | - 2.1   | 7.9                       | - 0.1  | 3.9   | June  |  |        |
| - 2.2   | 5.1             | 0.2   | 2.0                             | 1.6  | - 22.4                        | 35.6   | - 5.1   | - 5.8                     | - 0.1  | 0.7   | July  |  |        |
| 0.1   | 2.2             | 2.4   | - 0.9                           | 14.9   | 1.4                           | 14.1   | - 3.2   | 5.0                       | - 0.3  | 2.1   | Aug   |  |        |

euro-area MFIs. — 9 Including national banknotes still in circulation. — 10 The German contributions to the Eurosystem's monetary aggregates should on no account be interpreted as national monetary aggregates and are therefore not comparable with the erstwhile German money stocks M1,

M2 or M3. — 11 The difference between the volume of euro banknotes actually issued by the Bundesbank and the amount disclosed in accordance with the accounting regime chosen by the Eurosystem (see also footnote 2 on banknote circulation in Table III.2).



## II Overall monetary survey in the euro area

| Liabilities                     |   |                    |                            |              |                               |       |              |                       |               |           |                   |
|---------------------------------|---|--------------------|----------------------------|--------------|-------------------------------|-------|--------------|-----------------------|---------------|-----------|-------------------|
| Currency in circulation 4       | Deposits of non-banks (non-MFIs) in the euro area |                    |                            |              |                               |       |              |                       |               |           |                   |
|                                 | Total   | of which in euro 5 | Enterprises and households |              |                               |       |              | At agreed notice of 6 |               |           | End of year/month |
|                                 |   |                    | Total                      | Overnight    | With agreed maturities of     |       | over 2 years | up to 3 months        | over 3 months |           |                   |
|                                 |   |                    |                            | up to 1 year | over 1 year and up to 2 years |       |              |                       |               |           |                   |
| Euro area (€ billion) 1         |   |                    |                            |              |                               |       |              |                       |               |           |                   |
| 562.7                           | 7,478.0   | 7,025.8            | 7,091.9                    | 2,827.7      | 1,059.6                       | 107.6 | 1,588.3      | 1,415.6               | 93.1          | 2006 July |                   |
| 559.0                           | 7,454.2   | 7,008.2            | 7,080.5                    | 2,780.8      | 1,090.6                       | 109.5 | 1,590.7      | 1,414.2               | 94.6          | Aug       |                   |
| 563.2                           | 7,568.4   | 7,090.6            | 7,173.0                    | 2,837.7      | 1,122.2                       | 113.4 | 1,593.4      | 1,410.4               | 95.9          | Sep       |                   |
| 567.1                           | 7,582.0   | 7,114.3            | 7,192.2                    | 2,809.6      | 1,152.3                       | 119.4 | 1,609.2      | 1,403.7               | 98.0          | Oct       |                   |
| 571.5                           | 7,646.2   | 7,176.6            | 7,241.4                    | 2,838.1      | 1,165.4                       | 124.6 | 1,617.3      | 1,395.4               | 100.7         | Nov       |                   |
| 592.2                           | 7,816.5   | 7,375.4            | 7,445.8                    | 2,961.1      | 1,209.4                       | 123.8 | 1,640.9      | 1,407.8               | 102.7         | Dec       |                   |
| 575.6                           | 7,815.2   | 7,354.3            | 7,435.5                    | 2,909.4      | 1,235.7                       | 129.6 | 1,647.5      | 1,408.0               | 105.4         | 2007 Jan  |                   |
| 578.7                           | 7,839.6   | 7,363.6            | 7,440.8                    | 2,900.3      | 1,250.8                       | 136.5 | 1,649.5      | 1,396.5               | 107.3         | Feb       |                   |
| 588.5                           | 7,980.2   | 7,496.9            | 7,589.8                    | 2,956.5      | 1,304.1                       | 146.2 | 1,680.7      | 1,394.0               | 108.2         | Mar       |                   |
| 594.7                           | 8,020.8   | 7,543.7            | 7,635.5                    | 2,964.9      | 1,335.1                       | 148.0 | 1,692.5      | 1,386.6               | 108.5         | Apr       |                   |
| 597.6                           | 8,113.3   | 7,602.2            | 7,690.9                    | 2,979.9      | 1,357.0                       | 152.6 | 1,709.6      | 1,383.5               | 108.3         | May       |                   |
| 604.9                           | 8,240.5   | 7,710.6            | 7,794.7                    | 3,038.3      | 1,384.1                       | 156.8 | 1,729.2      | 1,377.4               | 109.0         | June      |                   |
| 612.9                           | 8,239.3   | 7,735.4            | 7,827.8                    | 3,006.6      | 1,437.5                       | 162.8 | 1,743.3      | 1,367.8               | 109.8         | July      |                   |
| 610.6                           | 8,212.8   | 7,719.6            | 7,808.8                    | 2,933.5      | 1,498.3                       | 168.2 | 1,739.2      | 1,359.7               | 110.0         | Aug       |                   |
| 610.4                           | 8,329.8   | 7,802.5            | 7,895.0                    | 3,002.6      | 1,524.3                       | 169.8 | 1,733.6      | 1,353.4               | 111.2         | Sep       |                   |
| 613.5                           | 8,545.9   | 8,033.4            | 8,114.1                    | 2,968.2      | 1,619.6                       | 181.6 | 1,747.8      | 1,484.6               | 112.4         | Oct       |                   |
| 618.6                           | 8,615.5   | 8,092.5            | 8,158.1                    | 2,998.0      | 1,625.4                       | 193.5 | 1,749.2      | 1,478.6               | 113.4         | Nov       |                   |
| 638.5                           | 8,753.0   | 8,282.4            | 8,346.1                    | 3,048.0      | 1,687.4                       | 198.4 | 1,798.6      | 1,499.8               | 114.0         | Dec       |                   |
| 623.1                           | 8,808.9   | 8,305.6            | 8,388.8                    | 3,024.1      | 1,740.9                       | 204.9 | 1,797.5      | 1,506.1               | 115.2         | 2008 Jan  |                   |
| 628.7                           | 8,840.3   | 8,322.2            | 8,395.9                    | 2,973.1      | 1,811.2                       | 205.4 | 1,788.0      | 1,503.8               | 114.4         | Feb       |                   |
| 632.9                           | 8,917.5   | 8,396.1            | 8,468.8                    | 3,023.5      | 1,830.2                       | 203.5 | 1,789.6      | 1,509.6               | 112.4         | Mar       |                   |
| 641.3                           | 8,992.3   | 8,471.2            | 8,542.5                    | 3,001.1      | 1,919.0                       | 208.5 | 1,794.8      | 1,508.2               | 111.1         | Apr       |                   |
| 645.7                           | 9,037.5   | 8,534.6            | 8,600.8                    | 3,026.2      | 1,942.9                       | 209.0 | 1,808.6      | 1,504.5               | 109.6         | May       |                   |
| 652.1                           | 9,121.7   | 8,578.8            | 8,640.9                    | 3,062.4      | 1,936.0                       | 215.9 | 1,816.6      | 1,501.1               | 108.9         | June      |                   |
| 658.7                           | 9,097.7   | 8,578.0            | 8,651.9                    | 2,984.7      | 2,026.0                       | 225.6 | 1,815.9      | 1,491.4               | 108.4         | July      |                   |
| 656.1                           | 9,114.0   | 8,578.5            | 8,661.1                    | 2,941.9      | 2,074.5                       | 233.9 | 1,814.2      | 1,489.5               | 107.3         | Aug       |                   |
| German contribution (€ billion) |   |                    |                            |              |                               |       |              |                       |               |           |                   |
| 152.1                           | 2,376.3   | 2,306.2            | 2,251.2                    | 718.5        | 209.9                         | 19.4  | 710.2        | 503.6                 | 89.7          | 2006 July |                   |
| 151.1                           | 2,382.7   | 2,308.9            | 2,254.5                    | 712.8        | 218.4                         | 19.9  | 713.1        | 499.1                 | 91.2          | Aug       |                   |
| 151.5                           | 2,392.8   | 2,315.6            | 2,261.1                    | 714.0        | 227.0                         | 20.5  | 711.9        | 495.3                 | 92.4          | Sep       |                   |
| 152.9                           | 2,389.1   | 2,314.9            | 2,264.0                    | 709.2        | 236.2                         | 21.8  | 711.7        | 490.5                 | 94.5          | Oct       |                   |
| 154.7                           | 2,423.5   | 2,346.4            | 2,286.5                    | 733.7        | 235.9                         | 22.6  | 712.8        | 484.4                 | 97.1          | Nov       |                   |
| 160.1                           | 2,449.6   | 2,375.2            | 2,311.5                    | 735.3        | 249.6                         | 23.1  | 716.6        | 487.7                 | 99.1          | Dec       |                   |
| 155.7                           | 2,445.2   | 2,372.5            | 2,313.6                    | 737.8        | 252.4                         | 24.2  | 716.6        | 481.6                 | 100.9         | 2007 Jan  |                   |
| 156.4                           | 2,447.5   | 2,373.6            | 2,314.3                    | 735.9        | 255.1                         | 25.4  | 717.3        | 477.6                 | 102.9         | Feb       |                   |
| 158.9                           | 2,456.2   | 2,381.8            | 2,323.9                    | 740.7        | 261.0                         | 26.6  | 716.7        | 474.4                 | 104.4         | Mar       |                   |
| 161.1                           | 2,470.3   | 2,398.3            | 2,336.5                    | 737.5        | 276.8                         | 27.7  | 719.5        | 470.3                 | 104.6         | Apr       |                   |
| 161.1                           | 2,485.8   | 2,408.2            | 2,340.0                    | 744.1        | 277.2                         | 28.7  | 719.4        | 466.2                 | 104.4         | May       |                   |
| 163.7                           | 2,507.3   | 2,427.9            | 2,359.0                    | 755.7        | 284.4                         | 30.2  | 721.5        | 462.2                 | 105.0         | June      |                   |
| 166.0                           | 2,508.5   | 2,434.9            | 2,365.2                    | 756.8        | 291.7                         | 31.7  | 722.9        | 456.5                 | 105.6         | July      |                   |
| 165.1                           | 2,524.3   | 2,451.3            | 2,377.6                    | 751.4        | 311.8                         | 32.7  | 723.2        | 452.7                 | 105.8         | Aug       |                   |
| 164.6                           | 2,551.8   | 2,476.1            | 2,400.8                    | 761.4        | 323.9                         | 33.7  | 726.2        | 449.1                 | 106.4         | Sep       |                   |
| 165.8                           | 2,549.0   | 2,474.8            | 2,400.1                    | 748.5        | 340.1                         | 36.2  | 723.3        | 444.4                 | 107.5         | Oct       |                   |
| 167.3                           | 2,592.5   | 2,509.1            | 2,430.6                    | 779.5        | 340.4                         | 39.4  | 722.4        | 440.4                 | 108.5         | Nov       |                   |
| 172.0                           | 2,634.0   | 2,554.6            | 2,473.5                    | 763.6        | 384.6                         | 42.7  | 726.2        | 446.8                 | 109.5         | Dec       |                   |
| 167.9                           | 2,628.9   | 2,548.6            | 2,476.2                    | 769.4        | 383.1                         | 45.0  | 727.3        | 442.1                 | 109.4         | 2008 Jan  |                   |
| 169.4                           | 2,638.9   | 2,559.5            | 2,487.6                    | 764.9        | 402.2                         | 45.8  | 726.2        | 440.0                 | 108.5         | Feb       |                   |
| 170.8                           | 2,645.3   | 2,564.1            | 2,492.0                    | 773.5        | 402.6                         | 45.5  | 725.5        | 438.4                 | 106.5         | Mar       |                   |
| 173.6                           | 2,650.1   | 2,574.0            | 2,498.9                    | 760.6        | 425.8                         | 46.0  | 725.6        | 435.7                 | 105.1         | Apr       |                   |
| 174.0                           | 2,671.0   | 2,591.1            | 2,508.4                    | 763.8        | 435.1                         | 46.3  | 725.8        | 433.7                 | 103.7         | May       |                   |
| 176.2                           | 2,671.2   | 2,589.5            | 2,502.9                    | 770.0        | 425.7                         | 47.4  | 725.3        | 431.6                 | 102.9         | June      |                   |
| 178.2                           | 2,676.3   | 2,596.5            | 2,512.2                    | 750.5        | 458.7                         | 49.2  | 724.8        | 426.5                 | 102.5         | July      |                   |
| 177.3                           | 2,688.5   | 2,608.0            | 2,522.6                    | 751.6        | 472.1                         | 50.3  | 723.9        | 423.4                 | 101.3         | Aug       |                   |

the accounting regime chosen by the Eurosystem (see footnote 3 on banknote circulation in Table III.2). The volume of currency actually put into circulation by the Bundesbank can be calculated by adding to this total the

item "Intra-Eurosystem liability/claim related to banknote issue" (see "Other liability items"). — 5 Excluding central governments' deposits. — 6 In Germany, only saving deposits.





## II Overall monetary survey in the euro area

|                                    |                               |              |   |                                   |                                 |                       |  |   |                  |                  |  |   | Memo item         |  |   |
|------------------------------------|-------------------------------|--------------|---|-----------------------------------|---------------------------------|-----------------------|--|---|------------------|------------------|--|---|-------------------|--|---|
| issued (net) <sup>3</sup>          |                               |              | Liabilities to non-euro-area residents <sup>5</sup> | Capital and reserves <sup>6</sup> | Excess of inter-MFI liabilities | Other liability items |  | Monetary aggregates <sup>7</sup><br>(From 2002, German contribution excludes currency in circulation) |                  |                  | Monetary capital formation <sup>13</sup> | Monetary liabilities of central governments (Post Office, Treasury) <sup>14</sup> | End of year/month |  |   |
| With maturities of                 |                               |              |   |                                   |                                 | Total <sup>8</sup>    | of which Intra-Eurosystem-liability/claim related to banknote issue <sup>9</sup> | M1 <sup>10</sup>  | M2 <sup>11</sup> | M3 <sup>12</sup> |  |   |                   | Monetary capital formation <sup>13</sup> | Monetary liabilities of central governments (Post Office, Treasury) <sup>14</sup> |
| up to 1 year <sup>4</sup>          | over 1 year and up to 2 years | over 2 years |   |                                   |                                 |                       |  |   |                  |                  |  |   |                   |  |   |
| Euro area (€ billion) <sup>1</sup> |                               |              |   |                                   |                                 |                       |  |   |                  |                  |  |   |                   |  |   |
| 120.8                              | 39.5                          | 2,309.4      | 3,810.3   | 1,274.0                           | 15.4                            | 2,350.8               | –  | 3,572.5   | 6,368.0          | 7,406.1          | 5,286.6                                  | 224.8   | 2006 July         |  |   |
| 138.0                              | 41.0                          | 2,310.7      | 3,825.8   | 1,272.8                           | 10.6                            | 2,343.5               | –  | 3,515.9   | 6,346.3          | 7,429.9          | 5,290.6                                  | 225.1   | Aug               |  |   |
| 138.1                              | 40.6                          | 2,330.5      | 3,934.3   | 1,275.6                           | 4.0                             | 2,468.2               | –  | 3,581.4   | 6,445.1          | 7,532.9          | 5,317.3                                  | 227.6   | Sep               |  |   |
| 152.3                              | 42.0                          | 2,360.0      | 4,027.8   | 1,284.7                           | – 1.5                           | 2,497.0               | –  | 3,563.5   | 6,457.1          | 7,557.1          | 5,373.9                                  | 230.3   | Oct               |  |   |
| 160.5                              | 38.9                          | 2,370.2      | 4,046.0   | 1,279.9                           | 38.1                            | 2,666.3               | –  | 3,609.7   | 6,520.5          | 7,617.4          | 5,391.1                                  | 237.7   | Nov               |  |   |
| 151.2                              | 47.7                          | 2,389.0      | 4,026.5   | 1,280.8                           | 15.6                            | 2,541.8               | –  | 3,756.5   | 6,728.4          | 7,789.5          | 5,436.5                                  | 244.4   | Dec               |  |   |
| 166.2                              | 54.7                          | 2,407.0      | 4,218.6   | 1,290.7                           | 18.3                            | 2,623.0               | –  | 3,681.7   | 6,686.5          | 7,811.1          | 5,473.8                                  | 242.2   | 2007 Jan          |  |   |
| 173.5                              | 58.4                          | 2,439.1      | 4,270.6   | 1,302.3                           | 36.0                            | 2,635.6               | –  | 3,674.0   | 6,690.7          | 7,843.0          | 5,521.3                                  | 241.7   | Feb               |  |   |
| 179.9                              | 60.1                          | 2,464.3      | 4,295.2   | 1,348.2                           | 18.9                            | 2,730.4               | –  | 3,735.4   | 6,814.3          | 8,002.3          | 5,624.3                                  | 241.2   | Mar               |  |   |
| 174.7                              | 67.2                          | 2,470.7      | 4,451.4   | 1,350.0                           | – 1.2                           | 2,786.7               | –  | 3,755.4   | 6,860.3          | 8,065.3          | 5,644.5                                  | 242.4   | Apr               |  |   |
| 180.5                              | 74.2                          | 2,495.8      | 4,562.0   | 1,327.2                           | 23.2                            | 2,811.8               | –  | 3,777.0   | 6,910.1          | 8,152.0          | 5,663.8                                  | 239.9   | May               |  |   |
| 167.6                              | 74.9                          | 2,530.1      | 4,502.7   | 1,353.6                           | – 2.5                           | 2,926.3               | –  | 3,845.2   | 7,005.8          | 8,228.7          | 5,744.6                                  | 242.4   | June              |  |   |
| 154.8                              | 85.1                          | 2,533.4      | 4,542.4   | 1,378.5                           | – 8.0                           | 2,879.3               | –  | 3,830.9   | 7,041.8          | 8,280.4          | 5,787.7                                  | 245.4   | July              |  |   |
| 174.2                              | 86.5                          | 2,546.8      | 4,585.9   | 1,377.9                           | – 18.9                          | 2,848.8               | –  | 3,748.4   | 7,022.0          | 8,285.5          | 5,796.6                                  | 244.2   | Aug               |  |   |
| 193.2                              | 89.0                          | 2,529.3      | 4,575.7   | 1,394.7                           | – 27.9                          | 2,979.9               | –  | 3,822.6   | 7,119.9          | 8,378.9          | 5,792.1                                  | 243.7   | Sep               |  |   |
| 212.2                              | 86.5                          | 2,569.1      | 4,684.1   | 1,460.6                           | – 16.3                          | 3,060.8               | –  | 3,789.6   | 7,205.7          | 8,481.2          | 5,919.7                                  | 120.6   | Oct               |  |   |
| 222.2                              | 91.1                          | 2,549.6      | 4,696.6   | 1,458.9                           | – 7.3                           | 3,154.9               | –  | 3,829.5   | 7,264.3          | 8,575.2          | 5,900.8                                  | 122.3   | Nov               |  |   |
| 220.7                              | 96.6                          | 2,549.5      | 4,599.2   | 1,487.6                           | – 41.2                          | 3,083.3               | –  | 3,900.5   | 7,425.1          | 8,684.8          | 5,980.3                                  | 127.8   | Dec               |  |   |
| 200.8                              | 97.7                          | 2,556.2      | 4,867.1   | 1,515.7                           | – 30.8                          | 3,150.8               | –  | 3,850.9   | 7,436.5          | 8,778.6          | 6,017.5                                  | 118.9   | 2008 Jan          |  |   |
| 178.1                              | 98.8                          | 2,547.5      | 4,927.3   | 1,514.8                           | – 23.6                          | 3,200.7               | –  | 3,799.9   | 7,458.7          | 8,799.0          | 5,997.5                                  | 114.2   | Feb               |  |   |
| 171.2                              | 112.0                         | 2,544.8      | 4,834.0   | 1,502.5                           | – 12.3                          | 3,242.0               | –  | 3,850.9   | 7,529.8          | 8,868.4          | 5,981.6                                  | 113.8   | Mar               |  |   |
| 160.6                              | 108.5                         | 2,561.8      | 5,010.7   | 1,496.6                           | – 26.2                          | 3,158.7               | –  | 3,835.3   | 7,609.2          | 8,958.4          | 5,996.6                                  | 111.5   | Apr               |  |   |
| 165.3                              | 126.1                         | 2,571.9      | 5,062.8   | 1,484.9                           | – 33.9                          | 3,226.2               | –  | 3,866.5   | 7,669.8          | 9,049.1          | 6,007.0                                  | 110.9   | May               |  |   |
| 156.7                              | 132.7                         | 2,587.4      | 4,889.0   | 1,504.8                           | – 54.7                          | 3,256.6               | –  | 3,913.2   | 7,716.4          | 9,067.8          | 6,049.5                                  | 111.1   | June              |  |   |
| 150.9                              | 138.4                         | 2,604.9      | 4,931.9   | 1,525.6                           | – 50.7                          | 3,164.0               | –  | 3,836.8   | 7,730.7          | 9,094.5          | 6,086.3                                  | 111.0   | July              |  |   |
| 143.1                              | 138.2                         | 2,625.5      | 5,114.5   | 1,537.1                           | – 39.0                          | 3,116.6               | –  | 3,789.5   | 7,740.3          | 9,120.2          | 6,115.4                                  | 109.8   | Aug               |  |   |
| German contribution (€ billion)    |                               |              |   |                                   |                                 |                       |  |   |                  |                  |  |   |                   |  |   |
| 18.9                               | 34.3                          | 841.9        | 698.3   | 348.5                             | – 118.1                         | 569.0                 | 81.2   | 740.4   | 1,513.6          | 1,627.3          | 2,009.4                                  | –   | 2006 July         |  |   |
| 20.8                               | 36.8                          | 836.0        | 703.2   | 344.1                             | – 137.3                         | 570.2                 | 83.9   | 734.1   | 1,512.5          | 1,635.3          | 2,003.5                                  | –   | Aug               |  |   |
| 20.5                               | 38.8                          | 837.5        | 723.6   | 336.2                             | – 121.3                         | 588.9                 | 85.9   | 735.0   | 1,520.1          | 1,647.1          | 1,997.3                                  | –   | Sep               |  |   |
| 19.5                               | 40.0                          | 836.7        | 723.2   | 340.0                             | – 118.7                         | 594.8                 | 86.5   | 728.2   | 1,517.1          | 1,638.3          | 2,002.4                                  | –   | Oct               |  |   |
| 21.3                               | 37.9                          | 830.6        | 714.5   | 337.0                             | – 95.7                          | 607.0                 | 86.3   | 755.7   | 1,545.7          | 1,661.8          | 1,997.0                                  | –   | Nov               |  |   |
| 20.3                               | 38.2                          | 830.2        | 697.1   | 336.0                             | – 106.4                         | 610.9                 | 84.3   | 760.0   | 1,568.7          | 1,673.6          | 2,001.5                                  | –   | Dec               |  |   |
| 20.6                               | 42.7                          | 839.9        | 729.6   | 348.1                             | – 119.2                         | 610.7                 | 85.5   | 759.1   | 1,564.5          | 1,682.2          | 2,025.1                                  | –   | 2007 Jan          |  |   |
| 20.2                               | 44.5                          | 836.4        | 745.5   | 353.5                             | – 134.7                         | 616.3                 | 86.5   | 758.3   | 1,563.8          | 1,686.6          | 2,029.7                                  | –   | Feb               |  |   |
| 22.2                               | 47.4                          | 830.2        | 748.7   | 350.3                             | – 131.7                         | 627.7                 | 87.5   | 762.0   | 1,572.3          | 1,701.4          | 2,021.0                                  | –   | Mar               |  |   |
| 19.6                               | 49.6                          | 829.7        | 780.5   | 352.6                             | – 131.8                         | 636.2                 | 87.5   | 759.7   | 1,583.2          | 1,710.3          | 2,025.7                                  | –   | Apr               |  |   |
| 17.2                               | 52.9                          | 837.7        | 796.4   | 342.6                             | – 149.7                         | 636.9                 | 90.4   | 768.0   | 1,593.7          | 1,720.6          | 2,023.6                                  | –   | May               |  |   |
| 14.7                               | 54.7                          | 833.4        | 761.0   | 352.3                             | – 162.7                         | 647.1                 | 91.6   | 777.8   | 1,611.6          | 1,744.0          | 2,031.6                                  | –   | June              |  |   |
| 14.4                               | 60.4                          | 831.2        | 753.5   | 361.7                             | – 148.8                         | 647.6                 | 92.1   | 780.4   | 1,617.7          | 1,748.0          | 2,040.8                                  | –   | July              |  |   |
| 15.5                               | 59.9                          | 824.9        | 772.0   | 360.3                             | – 170.4                         | 656.6                 | 94.4   | 773.0   | 1,633.3          | 1,763.2          | 2,033.5                                  | –   | Aug               |  |   |
| 16.8                               | 57.0                          | 815.5        | 785.8   | 362.4                             | – 172.4                         | 676.9                 | 96.1   | 785.5   | 1,658.1          | 1,790.7          | 2,030.3                                  | –   | Sep               |  |   |
| 22.8                               | 48.0                          | 820.7        | 772.9   | 366.1                             | – 167.7                         | 670.8                 | 97.5   | 774.2   | 1,657.5          | 1,784.4          | 2,037.4                                  | –   | Oct               |  |   |
| 27.4                               | 48.4                          | 805.5        | 777.4   | 363.0                             | – 200.2                         | 680.4                 | 98.6   | 804.9   | 1,695.2          | 1,832.1          | 2,019.1                                  | –   | Nov               |  |   |
| 27.0                               | 45.1                          | 794.8        | 754.6   | 368.0                             | – 194.9                         | 682.8                 | 99.5   | 789.7   | 1,737.4          | 1,857.2          | 2,019.3                                  | –   | Dec               |  |   |
| 30.2                               | 46.9                          | 796.6        | 779.2   | 374.4                             | – 220.0                         | 668.2                 | 100.2  | 792.9   | 1,731.4          | 1,871.6          | 2,028.4                                  | –   | 2008 Jan          |  |   |
| 27.2                               | 48.2                          | 787.0        | 794.7   | 377.0                             | – 228.9                         | 674.8                 | 102.4  | 788.4   | 1,744.4          | 1,887.1          | 2,019.8                                  | –   | Feb               |  |   |
| 25.0                               | 48.8                          | 780.6        | 813.3   | 379.8                             | – 212.8                         | 676.2                 | 103.7  | 796.6   | 1,751.3          | 1,891.8          | 2,013.5                                  | –   | Mar               |  |   |
| 24.7                               | 52.5                          | 782.5        | 837.1   | 375.4                             | – 187.9                         | 692.0                 | 104.1  | 783.4   | 1,760.6          | 1,911.9          | 2,009.9                                  | –   | Apr               |  |   |
| 19.6                               | 51.6                          | 777.3        | 824.7   | 369.6                             | – 197.6                         | 693.0                 | 106.3  | 788.1   | 1,780.6          | 1,925.6          | 1,997.6                                  | –   | May               |  |   |
| 13.3                               | 53.9                          | 775.8        | 789.2   | 375.0                             | – 228.6                         | 698.8                 | 107.2  | 796.3   | 1,782.2          | 1,931.0          | 2,000.4                                  | –   | June              |  |   |
| 12.2                               | 54.3                          | 775.9        | 783.7   | 381.7                             | – 223.0                         | 702.7                 | 107.4  | 773.9   | 1,790.4          | 1,932.6          | 2,006.2                                  | –   | July              |  |   |
| 13.7                               | 50.9                          | 782.0        | 803.0   | 382.3                             | – 241.0                         | 724.7                 | 109.8  | 776.2   | 1,804.4          | 1,949.4          | 2,011.0                                  | –   | Aug               |  |   |

by the Bundesbank and the amount disclosed in accordance with the accounting regime chosen by the Eurosystem (see also footnote 3 on banknote circulation in Table III.2). — <sup>10</sup> Overnight deposits (excluding central governments' deposits), and (for the euro area) currency in circulation, central governments' overnight monetary liabilities, which are not included in the consolidated balance sheet. — <sup>11</sup> M1 plus deposits with agreed maturities of up to 2 years and at agreed notice of up to 3 months

(excluding central governments' deposits) and (for the euro area) central governments' monetary liabilities with such maturities. — <sup>12</sup> M2 plus repo transactions, money market fund shares, money market paper and debt securities up to 2 years. — <sup>13</sup> Deposits with agreed maturities of over 2 years and at agreed notice of over 3 months, debt securities with maturities of over 2 years, capital and reserves. — <sup>14</sup> Non-existent in Germany.

**II Overall monetary survey in the euro area**
**3 Banking system's liquidity position \*  
Stocks**

€ billion; period averages of daily positions

| Reserve maintenance period ending in 1 | Liquidity-providing factors                  |                             |                                    |                           |                                      | Liquidity-absorbing factors |                                      |                            |                             |                       | Credit institutions' current account balances (including minimum reserves) 5 | Base money 6 |
|--|--|-----------------------------|------------------------------------|---------------------------|--------------------------------------|-----------------------------|--------------------------------------|----------------------------|-----------------------------|-----------------------|--|--------------|
|  | Monetary policy operations of the Eurosystem |                             |                                    |                           |                                      | Deposit facility            | Other liquidity-absorbing operations | Banknotes in circulation 3 | Central government deposits | Other factors (net) 4 |  |              |
|  | Net assets in gold and foreign currency      | Main refinancing operations | Longer-term refinancing operations | Marginal lending facility | Other liquidity-providing operations |                             |                                      |                            |                             |                       |  |              |
| <b>Eurosystem 2</b>                    |  |                             |                                    |                           |                                      |                             |                                      |                            |                             |                       |  |              |
| 2006 Apr                               | 327.9  | 290.1                       | 113.7                              | 0.1                       | 0.7                                  | 0.3                         | –                                    | 556.4                      | 51.6                        | – 35.2                | 159.5  | 716.2        |
| May                                    | 337.0  | 291.3                       | 120.0                              | 0.2                       | –                                    | 0.2                         | 0.4                                  | 569.1                      | 51.1                        | – 33.5                | 161.2  | 730.5        |
| June                                   | 336.9  | 287.0                       | 120.0                              | 0.1                       | –                                    | 0.1                         | 0.1                                  | 572.0                      | 45.5                        | – 37.0                | 163.3  | 735.4        |
| July                                   | 334.3  | 316.5                       | 120.0                              | 0.2                       | –                                    | 0.6                         | 0.3                                  | 578.8                      | 67.0                        | – 42.1                | 166.3  | 745.7        |
| Aug                                    | 327.6  | 329.7                       | 120.0                              | 0.2                       | –                                    | 0.1                         | 0.6                                  | 588.2                      | 73.0                        | – 51.5                | 167.1  | 755.4        |
| Sep                                    | 327.3  | 314.0                       | 120.0                              | 0.1                       | –                                    | 0.1                         | 0.4                                  | 588.7                      | 61.4                        | – 55.6                | 166.4  | 755.2        |
| Oct                                    | 326.7  | 308.7                       | 120.0                              | 0.1                       | 0.3                                  | 0.2                         | –                                    | 588.5                      | 59.1                        | – 59.1                | 167.0  | 755.7        |
| Nov                                    | 327.4  | 311.9                       | 120.0                              | 0.1                       | –                                    | 0.1                         | –                                    | 592.8                      | 60.2                        | – 60.6                | 167.0  | 759.8        |
| Dec                                    | 327.0  | 313.1                       | 120.0                              | 0.1                       | 0.1                                  | 0.1                         | –                                    | 598.6                      | 54.9                        | – 66.4                | 173.2  | 771.8        |
| 2007 Jan                               | 325.8  | 322.3                       | 120.0                              | 0.1                       | –                                    | 0.2                         | 1.0                                  | 619.5                      | 45.0                        | – 72.7                | 175.3  | 794.9        |
| Feb                                    | 322.1  | 300.5                       | 124.6                              | 0.1                       | 0.1                                  | 0.1                         | 1.5                                  | 604.6                      | 47.9                        | – 83.1                | 176.5  | 781.2        |
| Mar                                    | 321.6  | 288.7                       | 134.6                              | 0.0                       | –                                    | 0.5                         | 0.8                                  | 606.2                      | 47.1                        | – 90.0                | 180.6  | 787.2        |
| Apr                                    | 323.6  | 281.7                       | 145.7                              | 0.5                       | –                                    | 0.3                         | 0.9                                  | 614.8                      | 48.2                        | – 95.2                | 182.6  | 797.7        |
| May                                    | 326.1  | 281.6                       | 150.0                              | 0.3                       | –                                    | 0.5                         | 0.1                                  | 620.0                      | 51.3                        | – 97.2                | 183.2  | 803.8        |
| June                                   | 326.4  | 284.9                       | 150.0                              | 0.3                       | –                                    | 0.2                         | 0.2                                  | 625.2                      | 49.1                        | – 99.4                | 186.2  | 811.7        |
| July                                   | 323.0  | 295.4                       | 150.0                              | 0.2                       | 0.1                                  | 0.3                         | –                                    | 631.3                      | 53.9                        | – 106.4               | 189.6  | 821.2        |
| Aug                                    | 316.7  | 301.7                       | 150.0                              | 0.1                       | –                                    | 0.4                         | –                                    | 639.7                      | 52.3                        | – 115.8               | 192.0  | 832.1        |
| Sep                                    | 317.3  | 268.7                       | 171.7                              | 0.2                       | 10.7                                 | 0.4                         | 1.7                                  | 639.2                      | 52.3                        | – 117.8               | 192.7  | 832.4        |
| Oct                                    | 321.9  | 194.3                       | 262.3                              | 0.3                       | –                                    | 1.6                         | 0.9                                  | 637.3                      | 63.7                        | – 118.0               | 193.4  | 832.3        |
| Nov                                    | 327.6  | 180.2                       | 265.0                              | 0.1                       | –                                    | 0.6                         | 5.1                                  | 640.1                      | 55.9                        | – 123.3               | 194.4  | 835.1        |
| Dec                                    | 327.5  | 173.0                       | 278.6                              | 0.3                       | –                                    | 0.4                         | 2.2                                  | 644.6                      | 61.9                        | – 126.6               | 196.8  | 841.9        |
| 2008 Jan                               | 343.8  | 255.7                       | 268.8                              | 0.3                       | –                                    | 1.1                         | 68.4                                 | 668.2                      | 46.4                        | – 116.4               | 200.9  | 870.2        |
| Feb                                    | 353.6  | 173.8                       | 268.5                              | 0.2                       | –                                    | 0.4                         | 0.6                                  | 651.7                      | 51.7                        | – 110.7               | 202.4  | 854.5        |
| Mar                                    | 343.3  | 181.3                       | 268.5                              | 0.1                       | 0.3                                  | 0.3                         | –                                    | 653.2                      | 59.7                        | – 125.0               | 205.3  | 858.7        |
| Apr                                    | 349.4  | 181.5                       | 278.6                              | 0.1                       | 2.6                                  | 0.6                         | 0.4                                  | 662.1                      | 66.4                        | – 124.8               | 207.5  | 870.3        |
| May                                    | 364.5  | 174.4                       | 295.0                              | 0.1                       | –                                    | 0.3                         | 0.8                                  | 667.6                      | 68.8                        | – 112.2               | 208.6  | 876.6        |
| June                                   | 375.0  | 172.8                       | 287.9                              | 0.3                       | –                                    | 0.2                         | 0.5                                  | 671.4                      | 67.3                        | – 111.5               | 208.1  | 879.7        |
| July                                   | 376.4  | 185.4                       | 275.4                              | 0.1                       | –                                    | 0.4                         | 0.5                                  | 677.2                      | 64.9                        | – 118.3               | 212.7  | 890.3        |
| Aug                                    | 374.5  | 166.3                       | 299.3                              | 0.1                       | –                                    | 0.3                         | 0.6                                  | 686.1                      | 61.3                        | – 123.0               | 214.8  | 901.2        |
| Sep                                    | 376.6  | 163.5                       | 300.0                              | 0.1                       | –                                    | 0.6                         | 0.7                                  | 685.0                      | 61.1                        | – 121.2               | 214.0  | 899.5        |
| <b>Deutsche Bundesbank</b>             |  |                             |                                    |                           |                                      |                             |                                      |                            |                             |                       |  |              |
| 2006 Apr                               | 82.5   | 137.8                       | 74.3                               | 0.1                       | 0.2                                  | 0.1                         | –                                    | 151.5                      | 0.0                         | 103.6                 | 39.7   | 191.3        |
| May                                    | 85.2   | 152.2                       | 76.3                               | 0.1                       | –                                    | 0.1                         | 0.1                                  | 154.8                      | 0.0                         | 118.5                 | 40.2   | 195.0        |
| June                                   | 84.9   | 153.9                       | 73.7                               | 0.1                       | –                                    | 0.1                         | 0.0                                  | 156.2                      | 0.1                         | 115.5                 | 40.6   | 197.0        |
| July                                   | 84.0   | 162.4                       | 71.6                               | 0.1                       | –                                    | 0.4                         | 0.1                                  | 157.9                      | 0.1                         | 118.6                 | 41.0   | 199.3        |
| Aug                                    | 82.3   | 171.6                       | 72.1                               | 0.1                       | –                                    | 0.0                         | 0.5                                  | 160.1                      | 0.1                         | 124.3                 | 41.2   | 201.3        |
| Sep                                    | 82.3   | 156.8                       | 73.4                               | 0.1                       | –                                    | 0.0                         | 0.2                                  | 160.9                      | 0.0                         | 110.2                 | 41.2   | 202.2        |
| Oct                                    | 82.6   | 155.6                       | 76.7                               | 0.1                       | 0.2                                  | 0.1                         | –                                    | 160.5                      | 0.1                         | 113.7                 | 40.9   | 201.5        |
| Nov                                    | 82.8   | 162.6                       | 78.9                               | 0.1                       | –                                    | 0.0                         | –                                    | 161.1                      | 0.1                         | 122.4                 | 40.8   | 202.0        |
| Dec                                    | 82.7   | 155.3                       | 78.4                               | 0.1                       | 0.1                                  | 0.0                         | –                                    | 162.4                      | 0.1                         | 112.6                 | 41.4   | 203.8        |
| 2007 Jan                               | 82.5   | 165.0                       | 81.0                               | 0.0                       | –                                    | 0.0                         | –                                    | 167.8                      | 0.1                         | 119.4                 | 41.4   | 209.2        |
| Feb                                    | 82.2   | 153.7                       | 86.6                               | 0.0                       | 0.0                                  | 0.0                         | –                                    | 164.8                      | 0.1                         | 115.7                 | 41.9   | 206.7        |
| Mar                                    | 82.0   | 135.0                       | 95.7                               | 0.0                       | –                                    | 0.2                         | –                                    | 165.3                      | 0.1                         | 104.5                 | 42.8   | 208.2        |
| Apr                                    | 82.7   | 128.2                       | 103.9                              | 0.1                       | –                                    | 0.1                         | 0.2                                  | 167.1                      | 0.1                         | 104.2                 | 43.2   | 210.4        |
| May                                    | 83.4   | 130.6                       | 107.1                              | 0.2                       | –                                    | 0.1                         | 0.0                                  | 168.3                      | 0.1                         | 109.2                 | 43.5   | 212.0        |
| June                                   | 83.6   | 124.0                       | 108.7                              | 0.1                       | –                                    | 0.0                         | 0.0                                  | 170.6                      | 0.1                         | 101.4                 | 44.1   | 214.8        |
| July                                   | 82.7   | 125.1                       | 108.8                              | 0.1                       | 0.0                                  | 0.1                         | –                                    | 171.8                      | 0.1                         | 99.7                  | 45.0   | 216.8        |
| Aug                                    | 81.1   | 135.4                       | 104.9                              | 0.1                       | –                                    | 0.0                         | –                                    | 173.9                      | 0.1                         | 102.6                 | 44.9   | 218.8        |
| Sep                                    | 81.1   | 125.0                       | 114.2                              | 0.2                       | 4.1                                  | 0.3                         | 0.6                                  | 174.1                      | 0.1                         | 104.4                 | 45.2   | 219.6        |
| Oct                                    | 82.4   | 93.2                        | 142.9                              | 0.2                       | –                                    | 0.9                         | 0.2                                  | 173.5                      | 0.1                         | 98.8                  | 45.2   | 219.6        |
| Nov                                    | 84.6   | 78.3                        | 139.0                              | 0.0                       | –                                    | 0.4                         | 1.5                                  | 174.1                      | 0.0                         | 80.0                  | 45.9   | 220.5        |
| Dec                                    | 84.6   | 73.2                        | 133.6                              | 0.3                       | –                                    | 0.3                         | 0.7                                  | 175.2                      | 0.1                         | 68.7                  | 46.7   | 222.1        |
| 2008 Jan                               | 91.5   | 102.1                       | 134.6                              | 0.1                       | –                                    | 0.6                         | 26.4                                 | 180.6                      | 0.1                         | 73.7                  | 46.9   | 228.1        |
| Feb                                    | 96.0   | 60.8                        | 130.6                              | 0.0                       | –                                    | 0.2                         | 0.1                                  | 176.2                      | 0.0                         | 63.3                  | 47.7   | 224.1        |
| Mar                                    | 90.8   | 59.8                        | 122.5                              | 0.0                       | 0.1                                  | 0.2                         | –                                    | 177.5                      | 0.1                         | 46.9                  | 48.6   | 226.3        |
| Apr                                    | 92.9   | 76.7                        | 109.9                              | 0.0                       | 1.5                                  | 0.5                         | –                                    | 179.7                      | 0.0                         | 52.4                  | 48.6   | 228.7        |
| May                                    | 99.6   | 75.7                        | 112.7                              | 0.0                       | –                                    | 0.2                         | 0.2                                  | 181.0                      | 0.0                         | 57.9                  | 48.6   | 229.8        |
| June                                   | 104.4  | 73.5                        | 112.8                              | 0.1                       | –                                    | 0.1                         | 0.1                                  | 182.7                      | 0.1                         | 58.9                  | 49.1   | 231.8        |
| July                                   | 102.8  | 79.4                        | 107.2                              | 0.0                       | –                                    | 0.1                         | 0.1                                  | 183.6                      | 0.1                         | 55.9                  | 49.5   | 233.2        |
| Aug                                    | 99.6   | 70.8                        | 111.9                              | 0.0                       | –                                    | 0.1                         | 0.0                                  | 185.5                      | 0.0                         | 46.5                  | 50.1   | 235.7        |
| Sep                                    | 100.6  | 76.7                        | 105.2                              | 0.1                       | –                                    | 0.2                         | 0.1                                  | 185.7                      | 0.1                         | 46.2                  | 50.2   | 236.2        |

Discrepancies may arise from rounding. — \* The banking system's liquidity position is defined as the current account holdings in euro of euro-area credit institutions with the Eurosystem. Amounts are derived from the consolidated financial statement of the Eurosystem and the financial statement of the Bundesbank. — 1 Figures are daily averages for the reserve maintenance period ending in the month indicated. Owing to the changeover to the new operational framework for monetary policy, there is no reserve

maintenance period ending in February 2004. 2 Source: ECB. — 3 From 2002, euro banknotes and other banknotes which have been issued by the national central banks of the Eurosystem and which are still in circulation. In accordance with the accounting procedure chosen by the Eurosystem for the issue of euro banknotes, 8% of the total value of the euro banknotes in circulation are allocated on a monthly basis to the ECB. The counterpart of this adjustment is shown under "Other factors". The remaining 92%

II Overall monetary survey in the euro area

Flows

| Liquidity-providing factors                  |                             |                                    |                           |                                      | Liquidity-absorbing factors |                                      |                            |                             |                       | Credit institutions' current account balances (including minimum reserves) 5 | Base money 6 | Reserve maintenance period ending in 1 |      |
|--|-----------------------------|------------------------------------|---------------------------|--------------------------------------|-----------------------------|--------------------------------------|----------------------------|-----------------------------|-----------------------|--|--------------|--|------|
| Monetary policy operations of the Eurosystem |                             |                                    |                           |                                      |                             |                                      |                            |                             |                       |  |              |  |      |
| Net assets in gold and foreign currency      | Main refinancing operations | Longer-term refinancing operations | Marginal lending facility | Other liquidity-providing operations | Deposit facility            | Other liquidity-absorbing operations | Banknotes in circulation 3 | Central government deposits | Other factors (net) 4 |  |              |  |      |
| <b>Eurosystem 2</b>                          |                             |                                    |                           |                                      |                             |                                      |                            |                             |                       |  |              |  |      |
| + 3.2  | - 9.2                       | + 9.0                              | + 0.0                     | + 0.7                                | + 0.1                       | - 0.1                                | + 5.6                      | - 1.7                       | - 1.2                 | + 1.2  | + 7.0        | 2006 Apr                               |      |
| + 9.1  | + 1.2                       | + 6.3                              | + 0.1                     | - 0.7                                | - 0.1                       | + 0.4                                | + 12.7                     | - 0.5                       | + 1.7                 | + 1.7  | + 14.3       |  | May  |
| - 0.1  | - 4.3                       | + 0.0                              | - 0.1                     | -                                    | - 0.1                       | + 0.3                                | + 2.9                      | - 5.6                       | - 3.5                 | + 2.1  | + 4.9        |  | June |
| - 2.6  | + 29.5                      | - 0.0                              | + 0.1                     | -                                    | + 0.5                       | + 0.2                                | + 6.8                      | + 21.5                      | - 5.1                 | + 3.0  | + 10.3       | July                                   |      |
| - 6.7  | + 13.2                      | + 0.0                              | + 0.0                     | -                                    | - 0.5                       | + 0.3                                | + 9.4                      | + 6.0                       | - 9.4                 | + 0.8  | + 9.7        | Aug                                    |      |
| - 0.3  | - 15.7                      | + 0.0                              | - 0.1                     | -                                    | - 0.0                       | - 0.2                                | + 0.5                      | - 11.6                      | - 4.1                 | - 0.7  | - 0.2        | Sep                                    |      |
| - 0.6  | - 5.3                       | + 0.0                              | + 0.0                     | + 0.3                                | + 0.1                       | - 0.4                                | - 0.2                      | - 2.3                       | - 3.5                 | + 0.6  | + 0.5        | Oct                                    |      |
| + 0.7  | + 3.2                       | + 0.0                              | + 0.0                     | - 0.3                                | - 0.1                       | -                                    | + 4.3                      | + 1.1                       | - 1.5                 | + 0.0  | + 4.1        | Nov                                    |      |
| - 0.4  | + 1.2                       | - 0.0                              | - 0.0                     | + 0.1                                | - 0.0                       | -                                    | + 5.8                      | - 5.3                       | - 5.8                 | + 6.2  | + 12.0       | Dec                                    |      |
| - 1.2  | + 9.2                       | + 0.0                              | - 0.0                     | - 0.1                                | + 0.1                       | + 1.0                                | + 20.9                     | - 9.9                       | - 6.3                 | + 2.1  | + 23.1       | 2007 Jan                               |      |
| - 3.7  | - 21.8                      | + 4.6                              | - 0.0                     | + 0.1                                | - 0.1                       | + 0.5                                | - 14.9                     | + 2.9                       | - 10.4                | + 1.2  | - 13.7       | Feb                                    |      |
| - 0.5  | - 11.8                      | + 10.0                             | - 0.1                     | - 0.1                                | + 0.4                       | - 0.7                                | + 1.6                      | - 0.8                       | - 6.9                 | + 4.1  | + 6.0        | Mar                                    |      |
| + 2.0  | - 7.0                       | + 11.1                             | + 0.5                     | -                                    | - 0.2                       | + 0.1                                | + 8.6                      | + 1.1                       | - 5.2                 | + 2.0  | + 10.5       | Apr                                    |      |
| + 2.5  | - 0.1                       | + 4.3                              | - 0.2                     | -                                    | + 0.2                       | - 0.8                                | + 5.2                      | + 3.1                       | - 2.0                 | + 0.6  | + 6.1        | May                                    |      |
| + 0.3  | + 3.3                       | + 0.0                              | - 0.0                     | -                                    | - 0.3                       | + 0.1                                | + 5.2                      | - 2.2                       | - 2.2                 | + 3.0  | + 7.9        | June                                   |      |
| - 3.4  | + 10.5                      | + 0.0                              | - 0.1                     | + 0.1                                | + 0.1                       | - 0.2                                | + 6.1                      | + 4.8                       | - 7.0                 | + 3.4  | + 9.5        | July                                   |      |
| - 6.3  | + 6.3                       | + 0.0                              | - 0.1                     | - 0.1                                | + 0.1                       | - 6.2                                | + 8.4                      | - 1.6                       | - 9.4                 | + 2.4  | + 10.9       | Aug                                    |      |
| + 0.6  | - 33.0                      | + 21.7                             | + 0.0                     | + 10.7                               | + 0.0                       | + 1.7                                | - 0.5                      | - 0.0                       | - 2.0                 | + 0.7  | + 0.3        | Sep                                    |      |
| + 4.6  | - 74.4                      | + 90.6                             | + 0.1                     | - 10.7                               | + 1.2                       | - 0.8                                | - 1.9                      | + 11.4                      | - 0.2                 | + 0.7  | - 0.1        | Oct                                    |      |
| + 5.7  | - 14.1                      | + 2.7                              | - 0.2                     | -                                    | - 1.0                       | + 4.2                                | + 2.8                      | - 7.8                       | - 5.3                 | + 1.0  | + 2.8        | Nov                                    |      |
| - 0.1  | - 7.2                       | + 13.6                             | + 0.2                     | -                                    | - 0.2                       | - 2.9                                | + 4.5                      | + 6.0                       | - 3.3                 | + 2.4  | + 6.8        | Dec                                    |      |
| + 16.3                                       | + 82.7                      | - 9.8                              | - 0.0                     | -                                    | + 0.7                       | + 66.2                               | + 23.6                     | - 15.5                      | + 10.2                | + 4.1  | + 28.3       | 2008 Jan                               |      |
| + 9.8  | - 81.9                      | - 0.3                              | - 0.1                     | -                                    | - 0.7                       | - 67.8                               | - 16.5                     | + 5.3                       | + 5.7                 | + 1.5  | - 15.7       | Feb                                    |      |
| - 10.3                                       | + 7.5                       | - 0.0                              | - 0.1                     | + 0.3                                | - 0.1                       | - 0.6                                | + 1.5                      | + 8.0                       | - 14.3                | + 2.9  | + 4.2        | Mar                                    |      |
| + 6.1  | + 0.2                       | + 10.1                             | + 0.0                     | + 2.3                                | + 0.3                       | + 0.4                                | + 8.9                      | + 6.7                       | + 0.2                 | + 2.2  | + 11.6       | Apr                                    |      |
| + 15.1                                       | - 7.1                       | + 16.4                             | - 0.0                     | - 2.6                                | - 0.3                       | + 0.4                                | + 5.5                      | + 2.4                       | + 12.6                | + 1.1  | + 6.3        | May                                    |      |
| + 10.5                                       | - 1.6                       | - 7.1                              | + 0.2                     | -                                    | - 0.1                       | - 0.3                                | + 3.8                      | - 1.5                       | + 0.7                 | - 0.5  | + 3.1        | June                                   |      |
| + 1.4  | + 12.6                      | - 12.5                             | - 0.2                     | -                                    | + 0.2                       | + 0.0                                | + 5.8                      | - 2.4                       | - 6.8                 | + 4.6  | + 10.6       | July                                   |      |
| - 1.9  | - 19.1                      | + 23.9                             | - 0.0                     | -                                    | - 0.1                       | + 0.1                                | + 8.9                      | - 3.6                       | - 4.7                 | + 2.1  | + 10.9       | Aug                                    |      |
| + 2.1  | - 2.8                       | + 0.7                              | + 0.0                     | -                                    | + 0.3                       | + 0.1                                | - 1.1                      | - 0.2                       | + 1.8                 | - 0.8  | - 1.7        | Sep                                    |      |
| <b>Deutsche Bundesbank</b>                   |                             |                                    |                           |                                      |                             |                                      |                            |                             |                       |  |              |  |      |
| + 1.5  | - 8.0                       | + 6.0                              | + 0.0                     | + 0.2                                | - 0.0                       | - 0.1                                | + 0.8                      | - 0.0                       | - 1.1                 | + 0.1  | + 0.9        | 2006 Apr                               |      |
| + 2.7  | + 14.4                      | + 2.0                              | - 0.0                     | - 0.2                                | - 0.0                       | + 0.1                                | + 3.3                      | + 0.0                       | + 14.9                | + 0.5  | + 3.7        | May                                    |      |
| - 0.2  | + 1.7                       | - 2.6                              | - 0.0                     | -                                    | + 0.0                       | - 0.1                                | + 1.5                      | + 0.0                       | - 3.0                 | + 0.5  | + 2.0        | June                                   |      |
| - 0.9  | + 8.4                       | - 2.1                              | - 0.0                     | -                                    | + 0.3                       | + 0.0                                | + 1.7                      | + 0.0                       | + 3.1                 | + 0.4  | + 2.4        | July                                   |      |
| - 1.7  | + 9.3                       | + 0.5                              | + 0.1                     | -                                    | - 0.3                       | + 0.4                                | + 2.2                      | - 0.0                       | + 5.7                 | + 0.1  | + 2.0        | Aug                                    |      |
| + 0.0  | - 14.8                      | + 1.3                              | - 0.1                     | -                                    | - 0.0                       | - 0.3                                | + 0.8                      | - 0.0                       | - 14.1                | + 0.1  | + 0.8        | Sep                                    |      |
| + 0.3  | - 1.2                       | + 3.3                              | + 0.0                     | + 0.2                                | + 0.1                       | - 0.2                                | - 0.5                      | + 0.0                       | + 3.5                 | - 0.4  | - 0.7        | Oct                                    |      |
| + 0.2  | + 7.0                       | + 2.1                              | + 0.0                     | - 0.2                                | - 0.1                       | -                                    | + 0.7                      | + 0.0                       | + 8.7                 | - 0.1  | + 0.5        | Nov                                    |      |
| - 0.1  | - 7.3                       | - 0.5                              | - 0.0                     | + 0.1                                | - 0.0                       | -                                    | + 1.3                      | - 0.0                       | - 9.7                 | + 0.5  | + 1.9        | Dec                                    |      |
| - 0.2  | + 9.8                       | + 2.7                              | - 0.0                     | - 0.1                                | + 0.0                       | -                                    | + 5.3                      | + 0.0                       | + 6.8                 | + 0.0  | + 5.3        | 2007 Jan                               |      |
| - 0.4  | - 11.4                      | + 5.5                              | - 0.0                     | + 0.0                                | - 0.0                       | -                                    | - 2.9                      | - 0.0                       | - 3.7                 | + 0.5  | - 2.4        | Feb                                    |      |
| - 0.1  | - 18.7                      | + 9.1                              | + 0.0                     | - 0.0                                | + 0.1                       | -                                    | + 0.5                      | + 0.0                       | - 11.2                | + 0.9  | + 1.5        | Mar                                    |      |
| + 0.7  | - 6.8                       | + 8.2                              | + 0.0                     | -                                    | - 0.0                       | + 0.2                                | + 1.8                      | - 0.0                       | - 0.3                 | + 0.4  | + 2.2        | Apr                                    |      |
| + 0.7  | + 2.4                       | + 3.2                              | + 0.1                     | -                                    | - 0.0                       | - 0.2                                | + 1.2                      | - 0.0                       | + 5.0                 | + 0.4  | + 1.6        | May                                    |      |
| + 0.1  | - 6.6                       | + 1.6                              | - 0.1                     | -                                    | - 0.1                       | - 0.0                                | + 2.3                      | + 0.0                       | - 7.8                 | + 0.6  | + 2.8        | June                                   |      |
| - 0.8  | + 1.1                       | + 0.0                              | - 0.1                     | + 0.0                                | + 0.0                       | - 0.0                                | + 1.1                      | + 0.0                       | - 1.7                 | + 0.9  | + 2.0        | July                                   |      |
| - 1.6  | + 10.3                      | - 3.9                              | + 0.0                     | + 0.0                                | - 0.0                       | -                                    | + 2.1                      | - 0.0                       | + 2.9                 | - 0.1  | + 2.0        | Aug                                    |      |
| + 0.1  | - 10.4                      | + 9.3                              | + 0.1                     | + 4.1                                | + 0.2                       | + 0.6                                | + 0.2                      | - 0.0                       | + 1.9                 | + 0.3  | + 0.7        | Sep                                    |      |
| + 1.3  | - 31.9                      | + 28.7                             | + 0.1                     | - 4.1                                | + 0.6                       | - 0.4                                | - 0.6                      | - 0.0                       | - 5.6                 | - 0.0  | + 0.1        | Oct                                    |      |
| + 2.2  | - 14.9                      | - 3.8                              | - 0.2                     | -                                    | - 0.5                       | + 1.2                                | + 0.6                      | - 0.0                       | - 18.8                | + 0.7  | + 0.9        | Nov                                    |      |
| - 0.0  | - 5.2                       | - 5.5                              | + 0.2                     | -                                    | - 0.1                       | - 0.8                                | + 1.0                      | + 0.0                       | - 11.3                | + 0.8  | + 1.6        | Dec                                    |      |
| + 6.9  | + 28.9                      | + 1.0                              | - 0.1                     | -                                    | + 0.4                       | + 25.6                               | + 5.4                      | + 0.0                       | + 5.1                 | + 0.2  | + 6.0        | 2008 Jan                               |      |
| + 4.5  | - 41.3                      | - 4.0                              | - 0.1                     | -                                    | - 0.4                       | - 26.3                               | - 4.4                      | - 0.0                       | - 10.5                | + 0.8  | - 4.0        | Feb                                    |      |
| - 5.2  | - 1.0                       | - 8.1                              | + 0.0                     | + 0.1                                | - 0.0                       | - 0.1                                | + 1.3                      | + 0.0                       | - 16.3                | + 0.9  | + 2.2        | Mar                                    |      |
| + 2.1  | + 16.9                      | - 12.5                             | + 0.0                     | + 1.4                                | + 0.3                       | -                                    | + 2.2                      | - 0.0                       | + 5.4                 | - 0.0  | + 2.4        | Apr                                    |      |
| + 6.7  | - 1.1                       | + 2.7                              | - 0.0                     | - 1.5                                | - 0.3                       | + 0.2                                | + 1.3                      | - 0.0                       | + 5.5                 | + 0.0  | + 1.1        | May                                    |      |
| + 4.8  | - 2.1                       | + 0.1                              | + 0.1                     | -                                    | - 0.2                       | - 0.1                                | + 1.7                      | + 0.0                       | + 1.0                 | + 0.5  | + 2.0        | June                                   |      |
| - 1.7  | + 5.9                       | - 5.6                              | - 0.1                     | -                                    | + 0.1                       | - 0.0                                | + 0.9                      | + 0.0                       | - 2.9                 | + 0.4  | + 1.4        | July                                   |      |
| - 3.2  | - 8.6                       | + 4.7                              | - 0.0                     | -                                    | - 0.1                       | - 0.0                                | + 2.0                      | - 0.1                       | - 9.4                 | + 0.6  | + 2.5        | Aug                                    |      |
| + 1.0  | + 5.9                       | - 6.7                              | + 0.1                     | -                                    | + 0.1                       | + 0.1                                | + 0.2                      | + 0.0                       | - 0.3                 | + 0.1  | + 0.4        | Sep                                    |      |

of the value of the euro banknotes in circulation is allocated, likewise on a monthly basis, to the NCBs, with each NCB showing in its balance sheet the percentage of the euro banknotes in circulation that corresponds to its paid-up share in the ECB's capital. The difference between the value of the euro banknotes allocated to an NCB and the value of the euro banknotes which that NCB has put into circulation is likewise shown under "Other

factors". From 2003 euro banknotes only. — 4 Remaining items in the consolidated financial statement of the Eurosystem and the financial statement of the Bundesbank. — 5 Equal to the difference between the sum of liquidity-providing factors and the sum of liquidity-absorbing factors. — 6 Calculated as the sum of the "deposit facility", "banknotes in circulation" and "credit institutions' current account holdings".

### III Consolidated financial statement of the Eurosystem

#### 1 Assets \*

€ billion

| On reporting date/<br>End of month 1 | Total assets | Gold and gold receivables | Claims on non-euro-area residents denominated in foreign currency |                          |   | Claims on euro-area residents denominated in foreign currency | Claims on non-euro-area residents denominated in euro |   |  |
|--------------------------------------|--------------|---------------------------|---|--------------------------|---|---|---|---|--|
|                                      |              |                           | Total   | Receivables from the IMF | Balances with banks, security investments, external loans and other external assets |   | Total   | Balances with banks, security investments and loans | Claims arising from the credit facility under ERM II |
| <b>Eurosystem <sup>2</sup></b>       |              |                           |   |                          |   |   |   |   |  |
| 2008 Feb 1                           | 1,330.9      | 201.5                     | 143.0   | 9.1                      | 133.9   | 34.5  | 14.5  | 14.5  | -  |
| 8                                    | 1,328.3      | 201.4                     | 140.8   | 9.1                      | 131.7   | 37.0  | 15.0  | 15.0  | -  |
| 15                                   | 1,348.1      | 201.4                     | 140.7   | 9.1                      | 131.6   | 30.3  | 14.6  | 14.6  | -  |
| 22                                   | 1,338.9      | 201.3                     | 139.3   | 9.1                      | 130.2   | 30.7  | 14.3  | 14.3  | -  |
| 29                                   | 1,338.8      | 201.3                     | 137.9   | 9.1                      | 128.8   | 24.7  | 14.6  | 14.6  | -  |
| Mar 7                                | 1,332.9      | 201.2                     | 136.4   | 9.0                      | 127.3   | 26.7  | 15.2  | 15.2  | -  |
| 14                                   | 1,367.1      | 201.2                     | 139.1   | 9.0                      | 130.2   | 24.4  | 14.8  | 14.8  | -  |
| 20                                   | 1,378.7      | 201.1                     | 139.4   | 9.0                      | 130.4   | 25.3  | 14.8  | 14.8  | -  |
| 28                                   | 1,393.3      | 201.1                     | 140.9   | 9.0                      | 131.8   | 34.6  | 14.9  | 14.9  | -  |
| Apr 4                                | 3 1,371.4    | 3 209.7                   | 3 136.7   | 8.7                      | 3 128.0   | 3 31.7  | 14.8  | 14.8  | -  |
| 11                                   | 1,361.8      | 209.7                     | 136.2   | 8.8                      | 127.4   | 41.7  | 14.9  | 14.9  | -  |
| 18                                   | 1,433.2      | 209.7                     | 138.2   | 8.8                      | 129.4   | 40.5  | 15.8  | 15.8  | -  |
| 25                                   | 1,405.9      | 209.6                     | 138.7   | 8.8                      | 129.9   | 40.1  | 15.9  | 15.9  | -  |
| May 2                                | 1,399.8      | 209.6                     | 138.0   | 8.7                      | 129.2   | 39.6  | 16.3  | 16.3  | -  |
| 9                                    | 1,392.9      | 209.6                     | 137.3   | 8.7                      | 128.6   | 48.2  | 15.4  | 15.4  | -  |
| 16                                   | 1,440.9      | 209.6                     | 138.4   | 9.4                      | 129.0   | 47.8  | 15.3  | 15.3  | -  |
| 23                                   | 1,423.8      | 209.6                     | 138.4   | 9.4                      | 129.0   | 53.3  | 15.7  | 15.7  | -  |
| 30                                   | 1,423.2      | 209.5                     | 136.3   | 9.4                      | 126.9   | 54.9  | 15.6  | 15.6  | -  |
| 2008 June 6                          | 1,407.7      | 209.5                     | 136.2   | 9.4                      | 126.8   | 55.3  | 15.1  | 15.1  | -  |
| 13                                   | 1,442.6      | 209.4                     | 135.7   | 9.4                      | 126.3   | 55.5  | 14.8  | 14.8  | -  |
| 20                                   | 1,441.2      | 209.4                     | 136.1   | 9.4                      | 126.7   | 55.2  | 14.9  | 14.9  | -  |
| 27                                   | 1,462.7      | 209.4                     | 135.3   | 9.3                      | 125.9   | 56.3  | 14.7  | 14.7  | -  |
| July 4                               | 3 1,404.9    | 3 209.0                   | 3 137.6   | 9.3                      | 3 128.3   | 55.3  | 15.1  | 15.1  | -  |
| 11                                   | 1,452.2      | 209.0                     | 136.0   | 9.2                      | 126.8   | 55.8  | 15.2  | 15.2  | -  |
| 18                                   | 1,427.3      | 208.9                     | 131.8   | 9.2                      | 122.5   | 56.6  | 16.7  | 16.7  | -  |
| 25                                   | 1,450.9      | 208.4                     | 135.5   | 9.2                      | 126.3   | 54.9  | 15.2  | 15.2  | -  |
| Aug 1                                | 1,444.6      | 208.3                     | 136.9   | 9.3                      | 127.6   | 54.7  | 16.4  | 16.4  | -  |
| 8                                    | 1,441.6      | 208.3                     | 137.0   | 9.3                      | 127.7   | 54.6  | 17.0  | 17.0  | -  |
| 15                                   | 1,460.2      | 208.3                     | 136.6   | 9.3                      | 127.3   | 59.1  | 16.3  | 16.3  | -  |
| 22                                   | 1,435.0      | 208.3                     | 136.0   | 9.3                      | 126.7   | 58.4  | 15.8  | 15.8  | -  |
| 29                                   | 1,449.1      | 208.3                     | 135.4   | 9.3                      | 126.1   | 55.1  | 15.4  | 15.4  | -  |
| Sep 5                                | 1,441.0      | 208.2                     | 135.2   | 9.3                      | 125.9   | 55.5  | 15.0  | 15.0  | -  |
| 12                                   | 1,457.7      | 208.2                     | 134.7   | 9.2                      | 125.6   | 55.6  | 15.5  | 15.5  | -  |
| 19                                   | 1,460.6      | 208.1                     | 131.2   | 9.2                      | 122.0   | 85.5  | 16.1  | 16.1  | -  |
| 26                                   | 1,518.5      | 208.1                     | 134.4   | 9.2                      | 125.2   | 103.2   | 15.0  | 15.0  | -  |
| Oct 3                                | 3 1,758.7    | 3 220.4                   | 3 148.6   | 3 9.8                    | 3 138.8   | 3 132.2   | 13.9  | 13.9  | -  |
| <b>Deutsche Bundesbank</b>           |              |                           |   |                          |   |   |   |   |  |
| 2006 Nov                             | 359.2        | 52.3                      | 33.3  | 3.1                      | 30.1  | -   | 0.3   | 0.3   | -  |
| Dec                                  | 373.7        | 53.1                      | 31.7  | 3.0                      | 28.6  | -   | 0.3   | 0.3   | -  |
| 2007 Jan                             | 357.9        | 53.1                      | 32.1  | 3.0                      | 29.1  | 0.0   | 0.3   | 0.3   | -  |
| Feb                                  | 365.5        | 53.1                      | 31.5  | 2.7                      | 28.8  | -   | 0.3   | 0.3   | -  |
| Mar                                  | 3 371.4      | 3 54.8                    | 31.3  | 2.6                      | 28.7  | -   | 0.3   | 0.3   | -  |
| Apr                                  | 370.9        | 54.8                      | 32.5  | 2.6                      | 29.9  | -   | 0.3   | 0.3   | -  |
| May                                  | 377.2        | 54.8                      | 33.2  | 2.7                      | 30.5  | -   | 0.3   | 0.3   | -  |
| June                                 | 3 373.5      | 3 52.8                    | 32.0  | 2.7                      | 3 29.4  | -   | 0.3   | 0.3   | -  |
| July                                 | 382.1        | 52.8                      | 31.9  | 2.6                      | 29.3  | -   | 0.3   | 0.3   | -  |
| Aug                                  | 369.6        | 52.8                      | 31.9  | 2.6                      | 29.3  | -   | 0.3   | 0.3   | -  |
| Sep                                  | 3 394.0      | 3 57.2                    | 31.4  | 2.5                      | 3 28.9  | -   | 0.3   | 0.3   | -  |
| Oct                                  | 394.6        | 57.2                      | 31.1  | 2.5                      | 28.6  | -   | 0.3   | 0.3   | -  |
| Nov                                  | 410.3        | 57.2                      | 30.8  | 2.5                      | 28.3  | -   | 0.3   | 0.3   | -  |
| Dec                                  | 3 483.7      | 3 62.4                    | 30.1  | 2.4                      | 3 27.7  | 7.1   | 0.3   | 0.3   | -  |
| 2008 Jan                             | 415.5        | 62.4                      | 30.4  | 2.4                      | 28.0  | 6.9   | 0.3   | 0.3   | -  |
| Feb                                  | 432.2        | 62.4                      | 30.8  | 2.4                      | 28.4  | -   | 0.3   | 0.3   | -  |
| Mar                                  | 3 453.4      | 3 65.1                    | 30.0  | 2.3                      | 3 27.6  | 4.5   | 0.3   | 0.3   | -  |
| Apr                                  | 439.6        | 65.1                      | 31.1  | 2.3                      | 28.7  | 8.1   | 0.3   | 0.3   | -  |
| May                                  | 439.2        | 65.1                      | 30.2  | 2.5                      | 27.6  | 14.5  | 0.3   | 0.3   | -  |
| June                                 | 447.2        | 64.9                      | 30.3  | 2.5                      | 3 27.8  | 12.2  | 0.3   | 0.3   | -  |
| July                                 | 435.9        | 64.9                      | 29.1  | 2.5                      | 26.6  | 9.4   | 0.3   | 0.3   | -  |
| Aug                                  | 449.0        | 64.9                      | 29.1  | 2.5                      | 26.7  | 10.1  | 0.3   | 0.3   | -  |
| Sep                                  | 3 519.7      | 3 68.8                    | 3 31.1  | 2.6                      | 3 28.5  | 3 39.1  | 0.3   | 0.3   | -  |

\* The consolidated financial statement of the Eurosystem comprises the financial statement of the European Central Bank (ECB) and the financial statements of the national central banks of the euro-area member states (NCBs). The balance sheet items for foreign currency, securities, gold

## III Consolidated financial statement of the Eurosystem

| Lending to euro-area credit institutions related to monetary policy operations<br>denominated in euro |                                   |  |                                      |                                     |                                 |  | Other<br>claims on<br>euro-area<br>credit<br>institutions<br>denomi-<br>nated in<br>euro | Securities<br>of euro-area<br>residents<br>denominated<br>in euro | General<br>government<br>debt<br>denominated<br>in euro | Other<br>assets | On<br>reporting<br>date/<br>End of<br>month 1 |
|---|-----------------------------------|--|--------------------------------------|-------------------------------------|---------------------------------|--|--|---|---|-----------------|---|
| Total   | Main<br>refinancing<br>operations | Longer-term<br>refinancing<br>operations | Fine-tuning<br>reverse<br>operations | Structural<br>reverse<br>operations | Marginal<br>lending<br>facility | Credits<br>related<br>to margin<br>calls |  |   |   |                 |   |
| Eurosystem <sup>2</sup>   |                                   |  |                                      |                                     |                                 |  |  |   |   |                 |   |
| 436.0   | 167.5                             | 268.5                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 30.7   | 99.3  | 38.6  | 332.7           | 2008 Feb 1                                    |
| 430.4   | 161.5                             | 268.5                                    | -                                    | -                                   | 0.4                             | 0.0                                      | 30.6   | 100.7   | 38.6  | 333.7           | 8   |
| 456.0   | 187.5                             | 268.5                                    | -                                    | -                                   | -                               | 0.0                                      | 31.0   | 102.0   | 38.6  | 333.4           | 15  |
| 446.5   | 178.0                             | 268.5                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 31.4   | 104.8   | 38.6  | 331.9           | 22  |
| 451.5   | 183.0                             | 268.5                                    | -                                    | -                                   | -                               | 0.0                                      | 30.8   | 106.1   | 38.6  | 333.3           | 29  |
| 447.0   | 178.5                             | 268.5                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 31.2   | 107.5   | 38.6  | 329.1           | Mar 7   |
| 476.5   | 209.0                             | 267.4                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 33.5   | 107.3   | 38.6  | 331.6           | 14  |
| 484.6   | 201.7                             | 267.4                                    | 15.0                                 | -                                   | 0.5                             | 0.0                                      | 34.2   | 107.3   | 38.6  | 333.2           | 20  |
| 484.5   | 216.1                             | 268.4                                    | -                                    | -                                   | -                               | 0.0                                      | 34.8   | 108.3   | 38.6  | 335.4           | 28  |
| 444.6   | 151.4                             | 293.1                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 34.2   | 109.6   | 38.6  | 351.6           | Apr 4   |
| 425.0   | 131.6                             | 293.1                                    | -                                    | -                                   | 0.2                             | 0.0                                      | 35.2   | 109.6   | 38.6  | 350.9           | 11  |
| 499.5   | 204.5                             | 295.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 34.6   | 109.3   | 38.6  | 347.0           | 18  |
| 468.0   | 173.0                             | 295.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 34.8   | 109.4   | 38.6  | 350.7           | 25  |
| 465.0   | 170.0                             | 295.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 32.0   | 110.0   | 38.0  | 351.3           | May 2   |
| 445.0   | 150.0                             | 295.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 34.6   | 110.6   | 38.0  | 354.1           | 9   |
| 486.6   | 191.5                             | 295.0                                    | -                                    | -                                   | 0.1                             | -  | 33.9   | 112.2   | 38.0  | 359.0           | 16  |
| 461.9   | 176.5                             | 285.0                                    | -                                    | -                                   | 0.4                             | 0.0                                      | 32.5   | 112.4   | 38.0  | 362.1           | 23  |
| 455.8   | 170.0                             | 285.0                                    | -                                    | -                                   | 0.8                             | 0.0                                      | 32.1   | 114.0   | 38.0  | 366.9           | 30  |
| 438.0   | 153.0                             | 285.0                                    | -                                    | -                                   | -                               | 0.0                                      | 31.4   | 114.9   | 38.0  | 369.3           | 2008 June 6                                   |
| 466.0   | 191.0                             | 275.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 30.4   | 115.2   | 38.0  | 377.6           | 13  |
| 463.0   | 188.0                             | 275.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 30.6   | 115.3   | 38.0  | 378.7           | 20  |
| 483.0   | 208.0                             | 275.0                                    | -                                    | -                                   | -                               | 0.0                                      | 31.7   | 114.7   | 38.0  | 379.7           | 27  |
| 429.5   | 154.5                             | 275.0                                    | -                                    | -                                   | 0.0                             | -  | 30.9   | 112.6   | 37.5  | 377.4           | July 4  |
| 475.2   | 175.0                             | 300.0                                    | -                                    | -                                   | 0.2                             | 0.0                                      | 32.1   | 112.9   | 37.5  | 378.6           | 11  |
| 455.1   | 155.0                             | 300.0                                    | -                                    | -                                   | -                               | 0.0                                      | 33.9   | 110.2   | 37.5  | 376.7           | 18  |
| 475.5   | 175.5                             | 300.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 35.0   | 112.0   | 37.5  | 376.9           | 25  |
| 466.0   | 166.0                             | 300.0                                    | -                                    | -                                   | -                               | 0.0                                      | 35.2   | 111.7   | 37.5  | 377.9           | Aug 1   |
| 460.0   | 160.0                             | 300.0                                    | -                                    | -                                   | -                               | 0.0                                      | 35.9   | 110.6   | 37.5  | 380.7           | 8   |
| 476.1   | 176.0                             | 300.0                                    | -                                    | -                                   | 0.1                             | 0.0                                      | 36.9   | 110.0   | 37.5  | 379.4           | 15  |
| 451.0   | 151.0                             | 300.0                                    | -                                    | -                                   | -                               | 0.0                                      | 37.3   | 109.8   | 37.5  | 380.9           | 22  |
| 467.0   | 167.0                             | 300.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 38.2   | 111.1   | 37.5  | 381.2           | 29  |
| 460.0   | 160.0                             | 300.0                                    | -                                    | -                                   | 0.0                             | 0.0                                      | 37.6   | 109.7   | 37.5  | 382.2           | Sep 5   |
| 476.5   | 176.5                             | 300.0                                    | -                                    | -                                   | -                               | 0.0                                      | 40.6   | 110.0   | 37.5  | 379.2           | 12  |
| 450.3   | 150.0                             | 299.0                                    | -                                    | -                                   | 1.3                             | 0.0                                      | 43.5   | 110.3   | 37.5  | 378.2           | 19  |
| 487.3   | 180.0                             | 300.5                                    | -                                    | -                                   | 6.8                             | 0.0                                      | 46.4   | 111.3   | 37.5  | 375.4           | 26  |
| 635.1   | 190.0                             | 420.5                                    | -                                    | -                                   | 24.6                            | 0.0                                      | 75.5   | 113.1   | 37.4  | 382.3           | Oct 3   |
| Deutsche Bundesbank   |                                   |  |                                      |                                     |                                 |  |  |   |   |                 |   |
| 232.0   | 155.2                             | 76.7                                     | -                                    | -                                   | 0.0                             | -  | 3.0  | -   | 4.4   | 34.0            | 2006 Nov                                      |
| 256.3   | 173.9                             | 82.3                                     | -                                    | -                                   | 0.1                             | -  | 3.0  | -   | 4.4   | 24.8            | Dec   |
| 232.5   | 150.1                             | 82.3                                     | -                                    | -                                   | 0.0                             | -  | 3.1  | -   | 4.4   | 32.4            | 2007 Jan                                      |
| 235.0   | 143.5                             | 91.5                                     | -                                    | -                                   | 0.0                             | -  | 3.1  | -   | 4.4   | 38.0            | Feb   |
| 237.3   | 130.8                             | 106.4                                    | -                                    | -                                   | 0.1                             | -  | 3.1  | -   | 4.4   | 40.1            | Mar   |
| 247.4   | 139.6                             | 107.5                                    | -                                    | -                                   | 0.4                             | -  | 3.1  | -   | 4.4   | 28.3            | Apr   |
| 236.9   | 126.6                             | 110.3                                    | -                                    | -                                   | 0.0                             | -  | 3.2  | -   | 4.4   | 44.5            | May   |
| 243.4   | 136.2                             | 107.0                                    | -                                    | -                                   | 0.2                             | -  | 3.2  | -   | 4.4   | 37.3            | June  |
| 248.5   | 146.0                             | 102.4                                    | -                                    | -                                   | -                               | -  | 3.3  | -   | 4.4   | 41.0            | July  |
| 210.4   | 89.9                              | 120.5                                    | -                                    | -                                   | 0.0                             | -  | 3.3  | -   | 4.4   | 66.5            | Aug   |
| 223.3   | 83.8                              | 139.3                                    | -                                    | -                                   | 0.2                             | -  | 4.3  | -   | 4.4   | 73.1            | Sep   |
| 202.2   | 62.9                              | 139.3                                    | -                                    | -                                   | 0.0                             | -  | 7.0  | -   | 4.4   | 92.4            | Oct   |
| 207.2   | 77.3                              | 129.9                                    | -                                    | -                                   | 0.0                             | -  | 10.1   | -   | 4.4   | 100.3           | Nov   |
| 268.0   | 133.1                             | 134.8                                    | -                                    | -                                   | 0.1                             | -  | 13.1   | -   | 4.4   | 98.4            | Dec   |
| 172.7   | 47.0                              | 125.7                                    | -                                    | -                                   | 0.0                             | -  | 17.3   | -   | 4.4   | 120.9           | 2008 Jan                                      |
| 178.7   | 59.0                              | 119.7                                    | -                                    | -                                   | -                               | -  | 18.5   | -   | 4.4   | 137.1           | Feb   |
| 213.1   | 98.4                              | 103.5                                    | 11.2                                 | -                                   | 0.0                             | -  | 20.6   | -   | 4.4   | 115.4           | Mar   |
| 192.5   | 80.1                              | 112.4                                    | -                                    | -                                   | 0.0                             | -  | 19.9   | -   | 4.4   | 118.1           | Apr   |
| 184.5   | 71.2                              | 113.2                                    | -                                    | -                                   | 0.1                             | -  | 19.9   | -   | 4.4   | 120.2           | May   |
| 192.4   | 86.5                              | 105.9                                    | -                                    | -                                   | 0.0                             | -  | 18.4   | -   | 4.4   | 124.3           | June  |
| 184.5   | 75.5                              | 109.0                                    | -                                    | -                                   | 0.0                             | -  | 20.3   | -   | 4.4   | 122.9           | July  |
| 180.4   | 76.6                              | 103.8                                    | -                                    | -                                   | 0.0                             | -  | 22.9   | -   | 4.4   | 136.8           | Aug   |
| 223.5   | 69.2                              | 153.5                                    | -                                    | -                                   | 0.8                             | -  | 25.2   | -   | 4.4   | 127.2           | Sep   |

and financial instruments are valued at market rates at the end of the quarter.— <sup>1</sup> For the Eurosystem: financial statements for specific weekly dates;

for the Bundesbank: end-of month financial statement.— <sup>2</sup> Source: ECB.— <sup>3</sup> Changes are due mainly to revaluations at the end of the quarter.

III Consolidated financial statement of the Eurosystem

2 Liabilities \*

€ billion

| On reporting date/ End of month <sup>1</sup> | Total liabilities | Banknotes in circulation <sup>2</sup> | Liabilities to euro-area credit institutions related to monetary policy operations denominated in euro |  |                  |                     |                                | Other liabilities to euro-area credit institutions denominated in euro | Debt certificates issued | Liabilities to other euro-area residents denominated in euro |       |                    |                   |
|--|-------------------|---------------------------------------|--|--|------------------|---------------------|--------------------------------|--|--------------------------|--|-------|--------------------|-------------------|
|  |                   |                                       | Total  | Current accounts (covering the minimum reserve system) | Deposit facility | Fixed-term deposits | Fine-tuning reverse operations |  |                          | Deposits related to margin calls                             | Total | General government | Other liabilities |
| <b>Eurosystem <sup>4</sup></b>               |                   |                                       |  |  |                  |                     |                                |  |                          |  |       |                    |                   |
| 2008 Feb 1                                   | 1,330.9           | 652.6                                 | 199.2  | 198.5  | 0.5              | -                   | -                              | 0.3  | 0.3                      | -  | 55.1  | 47.8               | 7.2               |
| 8  | 1,328.3           | 653.4                                 | 197.2  | 196.5  | 0.4              | -                   | -                              | 0.4  | 0.3                      | -  | 52.1  | 45.1               | 7.0               |
| 15   | 1,348.1           | 653.0                                 | 222.9  | 222.3  | 0.2              | -                   | -                              | 0.4  | 0.3                      | -  | 52.6  | 45.5               | 7.1               |
| 22   | 1,338.9           | 650.6                                 | 205.8  | 205.1  | 0.2              | -                   | -                              | 0.4  | 0.2                      | -  | 66.3  | 58.9               | 7.4               |
| 29   | 1,338.8           | 654.0                                 | 195.6  | 194.9  | 0.2              | -                   | -                              | 0.6  | 0.2                      | -  | 80.7  | 73.1               | 7.6               |
| Mar 7  | 1,332.9           | 657.3                                 | 196.3  | 195.8  | 0.2              | -                   | -                              | 0.3  | 0.2                      | -  | 69.4  | 62.0               | 7.5               |
| 14   | 1,367.1           | 658.7                                 | 229.5  | 229.0  | 0.2              | -                   | -                              | 0.3  | 0.2                      | -  | 71.0  | 63.5               | 7.5               |
| 20   | 1,378.7           | 665.7                                 | 220.6  | 219.6  | 0.7              | -                   | -                              | 0.3  | 0.2                      | -  | 80.7  | 72.9               | 7.8               |
| 28   | 1,393.3           | 661.0                                 | 224.6  | 223.4  | 1.0              | -                   | -                              | 0.2  | 0.2                      | -  | 84.8  | 77.1               | 7.7               |
| Apr 4  | 1,371.4           | 662.6                                 | 195.6  | 194.7  | 0.6              | -                   | -                              | 0.3  | 0.2                      | -  | 76.3  | 68.8               | 7.5               |
| 11   | 1,361.8           | 662.3                                 | 175.5  | 174.9  | 0.3              | -                   | -                              | 0.3  | 0.2                      | -  | 75.1  | 67.6               | 7.5               |
| 18   | 1,433.2           | 662.8                                 | 247.0  | 246.3  | 0.3              | -                   | -                              | 0.4  | 0.2                      | -  | 72.6  | 65.0               | 7.7               |
| 25   | 1,405.9           | 664.3                                 | 197.4  | 196.9  | 0.1              | -                   | -                              | 0.3  | 0.2                      | -  | 90.4  | 83.1               | 7.3               |
| May 2  | 1,399.8           | 671.7                                 | 209.3  | 209.1  | 0.1              | -                   | -                              | 0.2  | 0.2                      | -  | 65.1  | 57.6               | 7.6               |
| 9  | 1,392.9           | 673.5                                 | 195.5  | 194.8  | 0.5              | -                   | -                              | 0.2  | 0.2                      | -  | 61.6  | 54.3               | 7.3               |
| 16   | 1,440.9           | 671.1                                 | 233.4  | 233.2  | 0.0              | -                   | -                              | 0.2  | 0.2                      | -  | 72.9  | 65.4               | 7.5               |
| 23   | 1,423.8           | 669.3                                 | 195.5  | 195.4  | 0.1              | -                   | -                              | 0.0  | 0.2                      | -  | 88.5  | 81.1               | 7.3               |
| 30   | 1,423.2           | 672.0                                 | 207.6  | 207.5  | 0.1              | -                   | -                              | 0.0  | 0.2                      | -  | 71.9  | 64.7               | 7.2               |
| 2008 June 6                                  | 1,407.7           | 675.6                                 | 195.1  | 195.1  | 0.1              | -                   | -                              | 0.0  | 0.2                      | -  | 66.5  | 59.6               | 6.9               |
| 13   | 1,442.6           | 675.0                                 | 225.9  | 225.9  | 0.1              | -                   | -                              | 0.0  | 0.1                      | -  | 65.8  | 58.8               | 7.1               |
| 20   | 1,441.2           | 674.3                                 | 216.0  | 215.8  | 0.0              | -                   | -                              | 0.2  | 0.2                      | -  | 74.9  | 67.9               | 7.1               |
| 27   | 1,462.7           | 677.4                                 | 227.2  | 226.5  | 0.7              | -                   | -                              | 0.0  | 0.2                      | -  | 81.4  | 74.4               | 7.0               |
| July 4                                       | 1,404.9           | 683.9                                 | 179.3  | 179.1  | 0.3              | -                   | -                              | 0.0  | 0.3                      | -  | 66.9  | 59.9               | 7.0               |
| 11   | 1,452.2           | 685.6                                 | 236.2  | 236.1  | 0.1              | -                   | -                              | 0.0  | 0.2                      | -  | 59.6  | 52.6               | 7.0               |
| 18   | 1,427.3           | 685.1                                 | 215.7  | 215.6  | 0.1              | -                   | -                              | 0.0  | 0.2                      | -  | 56.8  | 49.9               | 6.9               |
| 25   | 1,450.9           | 683.9                                 | 208.7  | 208.6  | 0.1              | -                   | -                              | 0.0  | 0.3                      | -  | 87.8  | 81.0               | 6.8               |
| Aug 1  | 1,444.6           | 688.6                                 | 214.8  | 214.7  | 0.1              | -                   | -                              | 0.0  | 0.2                      | -  | 66.4  | 59.5               | 6.9               |
| 8  | 1,441.6           | 690.3                                 | 211.1  | 211.0  | 0.1              | -                   | -                              | 0.0  | 0.2                      | -  | 63.5  | 56.8               | 6.7               |
| 15   | 1,460.2           | 690.2                                 | 232.9  | 232.8  | 0.0              | -                   | -                              | 0.0  | 0.1                      | -  | 57.5  | 50.8               | 6.7               |
| 22   | 1,435.0           | 683.7                                 | 214.4  | 214.3  | 0.1              | -                   | -                              | 0.0  | 0.1                      | -  | 58.4  | 51.4               | 7.0               |
| 29   | 1,449.1           | 683.5                                 | 204.3  | 204.1  | 0.2              | -                   | -                              | 0.0  | 0.2                      | -  | 85.0  | 78.0               | 7.1               |
| Sep 5  | 1,441.0           | 684.6                                 | 210.8  | 210.7  | 0.1              | -                   | -                              | 0.0  | 0.1                      | -  | 68.5  | 61.5               | 7.0               |
| 12   | 1,457.7           | 682.7                                 | 229.8  | 229.7  | 0.1              | -                   | -                              | 0.0  | 0.1                      | -  | 67.5  | 60.5               | 7.0               |
| 19   | 1,460.6           | 681.3                                 | 215.1  | 213.3  | 1.8              | -                   | -                              | 0.0  | 0.1                      | -  | 54.4  | 46.4               | 8.0               |
| 26   | 1,518.5           | 681.7                                 | 243.5  | 215.4  | 28.1             | -                   | -                              | 0.0  | 0.3                      | -  | 62.3  | 55.4               | 6.9               |
| Oct 3  | 1,758.7           | 693.2                                 | 386.1  | 153.4  | 38.9             | 193.8               | -                              | 0.1  | 0.2                      | -  | 79.0  | 71.4               | 7.6               |
| <b>Deutsche Bundesbank</b>                   |                   |                                       |  |  |                  |                     |                                |  |                          |  |       |                    |                   |
| 2006 Nov                                     | 359.2             | 162.8                                 | 39.2   | 39.2   | 0.0              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.4               |
| Dec  | 373.7             | 170.9                                 | 48.0   | 47.9   | 0.0              | -                   | -                              | -  | -                        | -  | 0.4   | 0.0                | 0.4               |
| 2007 Jan                                     | 357.9             | 163.6                                 | 37.8   | 37.8   | 0.0              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.4               |
| Feb  | 365.5             | 164.1                                 | 43.7   | 43.6   | 0.1              | -                   | -                              | -  | -                        | -  | 0.5   | 0.1                | 0.4               |
| Mar  | 371.4             | 166.6                                 | 47.9   | 47.8   | 0.0              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.3               |
| Apr  | 370.9             | 169.7                                 | 43.3   | 43.0   | 0.2              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.3               |
| May  | 377.2             | 169.9                                 | 45.1   | 45.1   | 0.0              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.4               |
| June   | 373.5             | 171.9                                 | 39.8   | 39.6   | 0.3              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.4               |
| July   | 382.1             | 173.9                                 | 46.6   | 46.5   | 0.0              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.3               |
| Aug  | 369.6             | 173.1                                 | 31.8   | 31.5   | 0.2              | -                   | -                              | -  | -                        | -  | 0.3   | 0.0                | 0.3               |
| Sep  | 394.0             | 173.1                                 | 47.0   | 42.2   | 4.8              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.4               |
| Oct  | 394.6             | 174.3                                 | 43.3   | 43.1   | 0.1              | -                   | -                              | -  | -                        | -  | 0.5   | 0.1                | 0.3               |
| Nov  | 410.3             | 175.4                                 | 52.9   | 52.7   | 0.2              | -                   | -                              | -  | -                        | -  | 0.4   | 0.1                | 0.4               |
| Dec  | 483.7             | 183.8                                 | 109.5  | 64.0   | 4.9              | 40.6                | -                              | -  | -                        | -  | 0.4   | 0.0                | 0.4               |
| 2008 Jan                                     | 415.5             | 176.2                                 | 42.6   | 42.4   | 0.2              | -                   | -                              | -  | -                        | -  | 0.8   | 0.0                | 0.8               |
| Feb  | 432.2             | 177.1                                 | 54.3   | 54.2   | 0.2              | -                   | -                              | -  | -                        | -  | 0.6   | 0.1                | 0.5               |
| Mar  | 453.4             | 179.0                                 | 70.1   | 69.3   | 0.8              | -                   | -                              | -  | -                        | -  | 0.6   | 0.1                | 0.5               |
| Apr  | 439.6             | 181.4                                 | 53.4   | 53.3   | 0.1              | -                   | -                              | -  | -                        | -  | 0.7   | 0.0                | 0.7               |
| May  | 439.2             | 182.0                                 | 50.5   | 50.4   | 0.0              | -                   | -                              | -  | -                        | -  | 0.5   | 0.0                | 0.4               |
| June   | 447.2             | 183.8                                 | 56.0   | 55.1   | 0.9              | -                   | -                              | -  | -                        | -  | 0.5   | 0.0                | 0.4               |
| July   | 435.9             | 186.0                                 | 41.2   | 40.9   | 0.4              | -                   | -                              | -  | -                        | -  | 0.4   | 0.0                | 0.4               |
| Aug  | 449.0             | 185.1                                 | 50.6   | 50.5   | 0.1              | -                   | -                              | -  | -                        | -  | 0.4   | 0.0                | 0.3               |
| Sep  | 519.7             | 185.3                                 | 111.5  | 65.8   | 45.7             | -                   | -                              | -  | -                        | -  | 0.7   | 0.1                | 0.6               |

\* The consolidated financial statement of the Eurosystem comprises the financial statement of the European Central Bank (ECB) and the financial statements of the national central banks of the euro-area member states (NCBs). The balance sheet items for foreign currency, securities, gold and financial instruments are valued at market rates at the end of the quarter. — <sup>1</sup> For Eurosystem: financial statements for specific weekly dates; for

the Bundesbank: end-of-month financial statements. — <sup>2</sup> According to the accounting regime chosen by the Eurosystem on the issue of euro banknotes, a share of 8% of the total value of the euro banknotes in circulation is allocated to the ECB on a monthly basis. The counterpart of this adjustment is disclosed as an "Intra-Eurosystem liability related to euro-

III Consolidated financial statement of the Eurosystem

| Liabilities to non-euro-area residents denominated in euro | Liabilities to euro-area residents in foreign currency | Liabilities to non-euro-area residents denominated in foreign currency |  |   | Counterpart of special drawing rights allocated by the IMF | Other liabilities 3 | Intra-Eurosystem liability related to euro-banknote issue 2 | Revaluation accounts | Capital and reserves | On reporting date/ End of month 1 |
|--|--|--|--|---|--|---------------------|---|----------------------|----------------------|-----------------------------------|
|  |  | Total  | Deposits, balances and other liabilities | Liabilities arising from the credit facility under ERM II |  |                     |   |                      |                      |                                   |
| <b>Eurosystem 4</b>  |  |  |  |   |  |                     |   |                      |                      |                                   |
| 48.8   | 1.3  | 19.3   | 19.3                                     | —   | 5.3  | 131.7               | —   | 147.7                | 69.7                 | 2008 Feb 1                        |
| 48.7   | 1.0  | 19.7   | 19.7                                     | —   | 5.3  | 133.3               | —   | 147.7                | 69.7                 | 8                                 |
| 42.0   | 1.2  | 19.6   | 19.6                                     | —   | 5.3  | 133.4               | —   | 147.7                | 70.2                 | 15                                |
| 41.4   | 1.1  | 18.6   | 18.6                                     | —   | 5.3  | 131.5               | —   | 147.7                | 70.5                 | 22                                |
| 34.4   | 0.8  | 18.6   | 18.6                                     | —   | 5.3  | 130.9               | —   | 147.7                | 70.6                 | 29                                |
| 35.4   | 0.9  | 18.8   | 18.8                                     | —   | 5.3  | 131.0               | —   | 147.7                | 70.6                 | Mar 7                             |
| 36.1   | 0.6  | 19.4   | 19.4                                     | —   | 5.3  | 128.1               | —   | 147.7                | 70.6                 | 14                                |
| 36.8   | 1.5  | 18.8   | 18.8                                     | —   | 5.3  | 130.7               | —   | 147.7                | 70.6                 | 20                                |
| 47.6   | 1.3  | 19.6   | 19.6                                     | —   | 5.3  | 130.6               | —   | 147.7                | 70.6                 | 28                                |
| 48.0   | 1.2  | 5 18.0   | 5 18.0                                   | —   | 5.1  | 5 136.6             | —   | 5 156.2              | 71.4                 | Apr 4                             |
| 57.4   | 0.8  | 18.5   | 18.5                                     | —   | 5.1  | 139.1               | —   | 156.2                | 71.4                 | 11                                |
| 58.4   | 0.8  | 19.1   | 19.1                                     | —   | 5.1  | 139.5               | —   | 156.2                | 71.4                 | 18                                |
| 58.1   | 0.9  | 19.3   | 19.3                                     | —   | 5.1  | 142.2               | —   | 156.2                | 71.8                 | 25                                |
| 57.9   | 1.7  | 17.5   | 17.5                                     | —   | 5.1  | 143.3               | —   | 156.2                | 71.8                 | May 2                             |
| 66.7   | 1.5  | 19.1   | 19.1                                     | —   | 5.1  | 142.7               | —   | 156.2                | 71.8                 | 9                                 |
| 66.0   | 1.9  | 18.4   | 18.4                                     | —   | 5.1  | 143.8               | —   | 156.2                | 71.9                 | 16                                |
| 73.9   | 2.9  | 16.3   | 16.3                                     | —   | 5.1  | 144.0               | —   | 156.2                | 71.9                 | 23                                |
| 73.4   | 2.3  | 16.5   | 16.5                                     | —   | 5.1  | 146.1               | —   | 156.2                | 71.9                 | 30                                |
| 72.3   | 2.4  | 16.6   | 16.6                                     | —   | 5.1  | 146.0               | —   | 156.2                | 71.7                 | 2008 June 6                       |
| 76.9   | 1.6  | 17.1   | 17.1                                     | —   | 5.1  | 147.1               | —   | 156.2                | 71.7                 | 13                                |
| 77.5   | 1.8  | 16.6   | 16.6                                     | —   | 5.1  | 146.8               | —   | 156.2                | 71.7                 | 20                                |
| 77.5   | 3.0  | 15.6   | 15.6                                     | —   | 5.1  | 147.4               | —   | 156.2                | 71.7                 | 27                                |
| 77.7   | 1.8  | 20.0   | 20.0                                     | —   | 5.1  | 5 145.8             | —   | 5 152.4              | 71.7                 | July 4                            |
| 76.7   | 2.5  | 18.2   | 18.2                                     | —   | 5.1  | 144.0               | —   | 152.4                | 71.7                 | 11                                |
| 78.3   | 1.8  | 16.0   | 16.0                                     | —   | 5.1  | 144.3               | —   | 152.4                | 71.7                 | 18                                |
| 78.0   | 2.9  | 16.3   | 16.3                                     | —   | 5.1  | 144.0               | —   | 152.4                | 71.7                 | 25                                |
| 78.9   | 2.1  | 18.3   | 18.3                                     | —   | 5.1  | 146.0               | —   | 152.4                | 71.7                 | Aug 1                             |
| 78.2   | 1.4  | 19.5   | 19.5                                     | —   | 5.1  | 148.4               | —   | 152.4                | 71.7                 | 8                                 |
| 81.7   | 1.2  | 19.4   | 19.4                                     | —   | 5.1  | 148.0               | —   | 152.4                | 71.7                 | 15                                |
| 81.4   | 1.3  | 18.3   | 18.3                                     | —   | 5.1  | 148.2               | —   | 152.4                | 71.7                 | 22                                |
| 80.1   | 0.9  | 17.3   | 17.3                                     | —   | 5.1  | 148.7               | —   | 152.4                | 71.7                 | 29                                |
| 79.0   | 1.3  | 17.3   | 17.3                                     | —   | 5.1  | 150.2               | —   | 152.4                | 71.7                 | Sep 5                             |
| 78.3   | 1.0  | 17.2   | 17.2                                     | —   | 5.1  | 151.9               | —   | 152.4                | 71.7                 | 12                                |
| 108.4  | 1.5  | 15.3   | 15.3                                     | —   | 5.1  | 155.3               | —   | 152.4                | 71.7                 | 19                                |
| 127.5  | 2.1  | 16.1   | 16.1                                     | —   | 5.1  | 156.0               | —   | 152.4                | 71.7                 | 26                                |
| 161.6  | 1.3  | 5 25.0   | 5 25.0                                   | —   | 5.4  | 5 166.5             | —   | 5 168.7              | 71.7                 | Oct 3                             |
| <b>Deutsche Bundesbank</b>                                 |  |  |  |   |  |                     |   |                      |                      |                                   |
| 3.9  | 0.0  | 1.4  | 1.4                                      | —   | 1.4  | 12.4                | 86.3  | 46.4                 | 5.0                  | 2006 Nov                          |
| 3.7  | 0.0  | 1.1  | 1.1                                      | —   | 1.4  | 13.0                | 84.3  | 45.9                 | 5.0                  | Dec                               |
| 3.8  | 0.0  | 1.6  | 1.6                                      | —   | 1.4  | 12.9                | 85.5  | 45.9                 | 5.0                  | 2007 Jan                          |
| 3.7  | 0.0  | 1.2  | 1.2                                      | —   | 1.4  | 13.5                | 86.5  | 45.9                 | 5.0                  | Feb                               |
| 3.8  | 0.0  | 1.3  | 1.3                                      | —   | 1.4  | 10.1                | 87.5  | 5 47.4               | 5.0                  | Mar                               |
| 3.8  | 0.0  | 2.5  | 2.5                                      | —   | 1.4  | 10.0                | 87.5  | 47.4                 | 5.0                  | Apr                               |
| 4.0  | 0.0  | 3.0  | 3.0                                      | —   | 1.4  | 10.8                | 90.4  | 47.4                 | 5.0                  | May                               |
| 3.8  | 0.0  | 2.3  | 2.3                                      | —   | 1.4  | 12.4                | 91.6  | 5 44.9               | 5.0                  | June                              |
| 4.1  | 0.0  | 2.2  | 2.2                                      | —   | 1.4  | 11.6                | 92.1  | 44.9                 | 5.0                  | July                              |
| 4.1  | 0.0  | 2.2  | 2.2                                      | —   | 1.4  | 12.6                | 94.4  | 44.9                 | 5.0                  | Aug                               |
| 5.4  | 0.0  | 2.6  | 2.6                                      | —   | 1.3  | 13.6                | 96.1  | 5 49.5               | 5.0                  | Sep                               |
| 7.9  | 0.0  | 2.3  | 2.3                                      | —   | 1.3  | 13.0                | 97.5  | 49.5                 | 5.0                  | Oct                               |
| 11.1   | 0.0  | 2.0  | 2.0                                      | —   | 1.3  | 14.1                | 98.6  | 49.5                 | 5.0                  | Nov                               |
| 14.0   | 0.0  | 2.0  | 2.0                                      | —   | 1.3  | 5 13.1              | 99.5  | 5 55.0               | 5.0                  | Dec                               |
| 18.4   | 0.0  | 2.6  | 2.6                                      | —   | 1.3  | 13.3                | 100.2   | 55.0                 | 5.0                  | 2008 Jan                          |
| 19.4   | 0.0  | 3.0  | 3.0                                      | —   | 1.3  | 14.1                | 102.4   | 55.0                 | 5.0                  | Feb                               |
| 21.7   | 0.0  | 3.3  | 3.3                                      | —   | 1.3  | 10.7                | 103.7   | 5 58.1               | 5.0                  | Mar                               |
| 21.2   | 0.0  | 4.3  | 4.3                                      | —   | 1.3  | 10.2                | 104.1   | 58.1                 | 5.0                  | Apr                               |
| 21.2   | 0.0  | 3.2  | 3.2                                      | —   | 1.3  | 11.3                | 106.3   | 58.1                 | 5.0                  | May                               |
| 19.6   | 0.0  | 3.9  | 3.9                                      | —   | 1.3  | 12.5                | 107.2   | 5 57.4               | 5.0                  | June                              |
| 22.1   | 0.0  | 3.0  | 3.0                                      | —   | 1.3  | 12.2                | 107.4   | 57.4                 | 5.0                  | July                              |
| 24.0   | 0.0  | 2.4  | 2.4                                      | —   | 1.3  | 13.1                | 109.8   | 57.4                 | 5.0                  | Aug                               |
| 24.7   | 0.0  | 2.1  | 2.1                                      | —   | 1.3  | 5 15.1              | 111.8   | 5 62.2               | 5.0                  | Sep                               |

bank-note issue". The remaining 92 % of the value of the euro banknote in circulation is also allocated to the NCBs on a monthly basis, and each NCB shows in its balance sheet the share of the euro banknotes issued which corresponds to its paid-up share in the ECB's capital. The difference between the value of the euro banknotes allocated to the NCB according to

the aforementioned accounting regime and the value of euro banknotes put into circulation is also disclosed as an "Intra-Eurosystem claim/ liability related to banknote issue". — 3 For the Deutsche Bundesbank: including DM banknotes still in circulation. — 4 Source: ECB. — 5 Changes are due mainly to revaluations at the end of the quarter.

**IV Banks**
**1 Assets and liabilities of monetary financial institutions (excluding the Bundesbank) in Germany \***  
**Assets**

Up to end-1998, DM billion; from 1999, € billion

| Period                      | Balance sheet total | Cash in hand | Lending to banks (MFIs) in the euro area |         |                            |                                 |        |                            | Lending to non-banks (non-MFIs) in the |         |                            |         |         |
|-----------------------------|---------------------|--------------|--|---------|----------------------------|---------------------------------|--------|----------------------------|--|---------|----------------------------|---------|---------|
|                             |                     |              | to banks in the home country             |         |                            | to banks in other member states |        |                            | to non-banks in the home country       |         |                            |         |         |
|                             |                     |              | Total                                    | Loans   | Securities issued by banks | Total                           | Loans  | Securities issued by banks | Total                                  | Total   | Enterprises and households |         |         |
|                             |                     |              |  |         |                            |                                 |        |                            |  |         | Total                      | Loans   |         |
| <b>End of year or month</b> |                     |              |  |         |                            |                                 |        |                            |  |         |                            |         |         |
| 1999                        | 5,678.5             | 17.2         | 1,836.9                                  | 1,635.0 | 1,081.4                    | 553.6                           | 201.9  | 161.8                      | 40.1                                   | 3,127.4 | 2,958.6                    | 2,326.4 | 2,093.4 |
| 2000                        | 6,083.9             | 16.1         | 1,977.4                                  | 1,724.2 | 1,108.9                    | 615.3                           | 253.2  | 184.5                      | 68.6                                   | 3,249.9 | 3,062.6                    | 2,445.7 | 2,186.6 |
| 2001                        | 6,303.1             | 14.6         | 2,069.7                                  | 1,775.5 | 1,140.6                    | 634.9                           | 294.2  | 219.8                      | 74.4                                   | 3,317.1 | 3,084.9                    | 2,497.1 | 2,235.7 |
| 2002                        | 6,394.2             | 17.9         | 2,118.0                                  | 1,769.1 | 1,164.3                    | 604.9                           | 348.9  | 271.7                      | 77.2                                   | 3,340.2 | 3,092.2                    | 2,505.8 | 2,240.8 |
| 2003                        | 6,432.0             | 17.3         | 2,111.5                                  | 1,732.0 | 1,116.8                    | 615.3                           | 379.5  | 287.7                      | 91.8                                   | 3,333.2 | 3,083.1                    | 2,497.4 | 2,241.2 |
| 2004                        | 6,617.4             | 15.1         | 2,174.3                                  | 1,750.2 | 1,122.9                    | 627.3                           | 424.2  | 306.3                      | 117.9                                  | 3,358.7 | 3,083.4                    | 2,479.7 | 2,223.8 |
| 2005                        | 6,859.4             | 15.3         | 2,276.0                                  | 1,762.5 | 1,148.4                    | 614.1                           | 513.5  | 356.3                      | 157.2                                  | 3,407.6 | 3,085.2                    | 2,504.6 | 2,226.3 |
| 2006                        | 7,154.4             | 16.4         | 2,314.4                                  | 1,718.6 | 1,138.6                    | 580.0                           | 595.8  | 376.8                      | 219.0                                  | 3,462.1 | 3,085.5                    | 2,536.1 | 2,241.9 |
| 2007                        | 7,592.4             | 17.8         | 2,523.4                                  | 1,847.9 | 1,290.4                    | 557.5                           | 675.4  | 421.6                      | 253.8                                  | 3,487.3 | 3,061.8                    | 2,556.0 | 2,288.8 |
| 2006 Nov                    | 7,141.2             | 13.6         | 2,293.7                                  | 1,712.4 | 1,126.3                    | 586.2                           | 581.3  | 365.9                      | 215.3                                  | 3,506.4 | 3,123.3                    | 2,560.4 | 2,268.4 |
| Dec                         | 7,154.4             | 16.4         | 2,314.4                                  | 1,718.6 | 1,138.6                    | 580.0                           | 595.8  | 376.8                      | 219.0                                  | 3,462.1 | 3,085.5                    | 2,536.1 | 2,241.9 |
| 2007 Jan                    | 7,192.4             | 13.3         | 2,308.2                                  | 1,711.1 | 1,138.1                    | 573.0                           | 597.1  | 378.2                      | 218.9                                  | 3,496.9 | 3,109.2                    | 2,554.6 | 2,252.7 |
| Feb                         | 7,230.9             | 13.4         | 2,332.2                                  | 1,717.7 | 1,146.7                    | 570.9                           | 614.5  | 386.6                      | 227.9                                  | 3,487.3 | 3,096.0                    | 2,547.2 | 2,256.2 |
| Mar                         | 7,288.3             | 13.5         | 2,364.4                                  | 1,749.8 | 1,180.5                    | 569.3                           | 614.6  | 378.3                      | 236.3                                  | 3,496.5 | 3,100.8                    | 2,555.8 | 2,261.3 |
| Apr                         | 7,357.2             | 14.4         | 2,379.0                                  | 1,736.7 | 1,167.0                    | 569.7                           | 642.3  | 406.1                      | 236.2                                  | 3,525.9 | 3,128.3                    | 2,580.7 | 2,256.9 |
| May                         | 7,389.3             | 14.7         | 2,398.4                                  | 1,744.1 | 1,167.2                    | 576.9                           | 654.3  | 414.7                      | 239.6                                  | 3,511.9 | 3,106.1                    | 2,558.9 | 2,253.1 |
| June                        | 7,381.7             | 14.2         | 2,396.3                                  | 1,724.1 | 1,156.2                    | 567.9                           | 672.3  | 423.8                      | 248.5                                  | 3,484.4 | 3,071.9                    | 2,538.0 | 2,261.7 |
| July                        | 7,371.2             | 13.9         | 2,373.0                                  | 1,708.4 | 1,146.0                    | 562.5                           | 664.6  | 415.4                      | 249.2                                  | 3,489.7 | 3,080.8                    | 2,541.9 | 2,265.9 |
| Aug                         | 7,417.4             | 14.1         | 2,405.9                                  | 1,735.3 | 1,178.1                    | 557.2                           | 670.5  | 419.3                      | 251.2                                  | 3,485.8 | 3,071.6                    | 2,544.4 | 2,271.6 |
| Sep                         | 7,500.9             | 14.4         | 2,438.4                                  | 1,756.8 | 1,201.2                    | 555.6                           | 681.5  | 429.9                      | 251.7                                  | 3,493.0 | 3,074.0                    | 2,552.6 | 2,278.5 |
| Oct                         | 7,500.5             | 14.5         | 2,453.6                                  | 1,770.9 | 1,208.5                    | 562.4                           | 682.7  | 430.2                      | 252.5                                  | 3,485.7 | 3,058.5                    | 2,543.7 | 2,278.4 |
| Nov                         | 7,553.6             | 14.1         | 2,489.4                                  | 1,791.5 | 1,226.5                    | 565.1                           | 697.9  | 443.9                      | 253.9                                  | 3,482.3 | 3,057.5                    | 2,544.1 | 2,279.6 |
| Dec                         | 7,592.4             | 17.8         | 2,523.4                                  | 1,847.9 | 1,290.4                    | 557.5                           | 675.4  | 421.6                      | 253.8                                  | 3,487.3 | 3,061.8                    | 2,556.0 | 2,288.8 |
| 2008 Jan                    | 7,574.1             | 14.1         | 2,506.6                                  | 1,798.8 | 1,240.4                    | 558.5                           | 707.8  | 454.1                      | 253.7                                  | 3,530.9 | 3,084.8                    | 2,585.0 | 2,297.3 |
| Feb                         | 7,596.6             | 13.6         | 2,512.7                                  | 1,806.7 | 1,250.0                    | 556.7                           | 706.0  | 450.6                      | 255.5                                  | 3,521.3 | 3,079.8                    | 2,577.1 | 2,306.5 |
| Mar                         | 7,641.7             | 14.2         | 2,516.2                                  | 1,818.8 | 1,262.4                    | 556.4                           | 697.4  | 442.9                      | 254.5                                  | 3,561.3 | 3,095.9                    | 2,593.5 | 2,316.4 |
| Apr                         | 7,725.9             | 13.9         | 2,520.4                                  | 1,824.8 | 1,264.1                    | 560.7                           | 695.6  | 445.9                      | 249.7                                  | 3,609.6 | 3,145.8                    | 2,632.0 | 2,323.2 |
| May                         | 7,729.1             | 14.1         | 2,540.8                                  | 1,844.9 | 1,274.1                    | 570.9                           | 695.8  | 436.6                      | 259.3                                  | 3,596.2 | 3,130.8                    | 2,620.8 | 2,326.7 |
| June                        | 7,688.7             | 13.8         | 2,556.9                                  | 1,855.1 | 1,281.7                    | 573.3                           | 701.8  | 436.9                      | 265.0                                  | 3,576.9 | 3,098.7                    | 2,604.6 | 2,333.7 |
| July                        | 7,675.4             | 14.2         | 2,532.5                                  | 1,833.9 | 1,263.1                    | 570.8                           | 698.6  | 430.6                      | 268.1                                  | 3,587.8 | 3,110.1                    | 2,616.3 | 2,341.6 |
| Aug                         | 7,744.7             | 14.2         | 2,556.0                                  | 1,860.3 | 1,284.2                    | 576.2                           | 695.7  | 427.4                      | 268.3                                  | 3,619.5 | 3,137.0                    | 2,645.3 | 2,344.2 |
| <b>Changes <sup>1</sup></b> |                     |              |  |         |                            |                                 |        |                            |  |         |                            |         |         |
| 2000                        | 401.5               | - 1.2        | 143.0                                    | 91.7    | 28.1                       | 63.6                            | 51.4   | 22.8                       | 28.6                                   | 123.2   | 105.4                      | 116.8   | 89.5    |
| 2001                        | 244.9               | - 1.4        | 91.0                                     | 50.7    | 30.3                       | 20.5                            | 40.3   | 34.5                       | 5.8                                    | 55.1    | 23.9                       | 50.4    | 48.1    |
| 2002                        | 165.7               | 3.3          | 63.6                                     | 6.5     | 23.7                       | - 17.1                          | 57.1   | 51.9                       | 5.2                                    | 34.1    | 15.7                       | 16.5    | 10.4    |
| 2003                        | 83.5                | - 0.6        | - 20.2                                   | - 49.0  | - 47.5                     | - 1.5                           | 28.8   | 15.7                       | 13.1                                   | 29.6    | 23.0                       | 22.2    | 26.4    |
| 2004                        | 207.5               | - 2.1        | 68.9                                     | 22.5    | 9.5                        | 13.1                            | 46.3   | 15.8                       | 30.5                                   | 44.1    | 17.5                       | - 0.4   | - 1.2   |
| 2005                        | 197.2               | 0.1          | 101.8                                    | 13.2    | 25.7                       | - 12.5                          | 88.6   | 50.5                       | 38.1                                   | 59.7    | 14.2                       | 37.2    | 15.5    |
| 2006                        | 349.0               | 1.1          | 76.2                                     | - 2.4   | 25.2                       | - 27.6                          | 78.6   | 17.3                       | 61.3                                   | 56.0    | 1.5                        | 32.5    | 13.3    |
| 2007                        | 509.7               | 1.5          | 210.1                                    | 132.5   | 153.3                      | - 20.8                          | 77.6   | 41.6                       | 36.0                                   | 54.1    | - 1.0                      | 38.6    | 53.1    |
| 2006 Dec                    | 13.9                | 2.8          | 21.3                                     | 6.6     | 12.9                       | - 6.4                           | 14.7   | 10.9                       | 3.8                                    | - 40.7  | - 34.3                     | - 21.0  | - 23.5  |
| 2007 Jan                    | 33.9                | - 3.1        | - 6.5                                    | - 6.0   | - 0.5                      | - 5.5                           | - 0.5  | - 0.4                      | - 0.1                                  | 36.3    | 26.8                       | 21.3    | 9.8     |
| Feb                         | 46.3                | 0.1          | 23.7                                     | 6.7     | 8.7                        | - 1.9                           | 17.0   | 8.4                        | 8.7                                    | - 7.0   | - 11.6                     | - 5.9   | 4.8     |
| Mar                         | 61.6                | 0.1          | 32.3                                     | 32.2    | 33.8                       | - 1.6                           | 0.1    | - 8.3                      | 8.4                                    | 10.4    | 5.8                        | 9.6     | 5.8     |
| Apr                         | 77.8                | 0.9          | 13.0                                     | - 14.6  | - 14.0                     | - 0.6                           | 27.6   | 27.6                       | - 0.0                                  | 32.6    | 29.9                       | 27.2    | - 3.2   |
| May                         | 28.0                | 0.3          | 19.0                                     | 7.4     | 0.2                        | 7.2                             | 11.6   | 8.2                        | 3.4                                    | - 13.9  | - 22.3                     | - 21.9  | - 3.7   |
| June                        | - 6.0               | - 0.5        | - 1.0                                    | - 19.0  | - 9.9                      | - 9.0                           | 18.0   | 9.0                        | 9.0                                    | - 27.5  | - 34.3                     | - 21.0  | 8.1     |
| July                        | - 4.4               | - 0.3        | - 23.3                                   | - 15.0  | - 9.5                      | - 5.4                           | - 8.3  | - 8.8                      | 0.5                                    | 7.2     | 10.4                       | 5.5     | 4.4     |
| Aug                         | 42.1                | 0.2          | 32.8                                     | 26.9    | 32.2                       | - 5.3                           | 5.9    | 3.9                        | 2.0                                    | - 3.9   | - 9.3                      | 2.4     | 5.8     |
| Sep                         | 101.2               | 0.3          | 32.9                                     | 21.7    | 23.1                       | - 1.4                           | 11.2   | 10.5                       | 0.7                                    | 10.3    | 4.6                        | 10.3    | 8.9     |
| Oct                         | 26.7                | 0.2          | 16.8                                     | 14.7    | 7.2                        | 7.5                             | 2.1    | 0.4                        | 1.8                                    | 5.7     | - 5.9                      | - 2.6   | 1.0     |
| Nov                         | 63.1                | - 0.4        | 35.9                                     | 20.7    | 18.0                       | 2.7                             | 15.3   | 13.7                       | 1.6                                    | - 1.9   | - 0.2                      | 1.2     | 1.9     |
| Dec                         | 39.4                | 3.7          | 34.3                                     | 56.7    | 64.0                       | - 7.3                           | - 22.4 | - 22.5                     | 0.2                                    | 5.8     | 4.9                        | 12.5    | 9.6     |
| 2008 Jan                    | - 31.3              | - 3.7        | - 33.0                                   | - 63.9  | - 65.9                     | 2.0                             | 30.9   | 31.6                       | - 0.7                                  | 35.9    | 26.2                       | 32.1    | 10.5    |
| Feb                         | 33.0                | - 0.5        | 6.4                                      | 8.0     | 9.6                        | - 1.6                           | - 1.6  | - 3.5                      | 1.9                                    | - 7.9   | - 4.1                      | - 6.9   | 10.1    |
| Mar                         | 66.1                | 0.6          | 3.9                                      | 12.3    | 12.5                       | - 0.1                           | - 8.4  | - 7.7                      | - 0.7                                  | 44.0    | 18.4                       | 18.3    | 11.7    |
| Apr                         | 81.6                | - 0.3        | 5.4                                      | 8.0     | 2.8                        | 5.2                             | - 2.6  | 2.2                        | - 4.8                                  | 49.9    | 50.6                       | 39.1    | 7.3     |
| May                         | 5.2                 | 0.2          | 22.9                                     | 20.5    | 10.2                       | 10.2                            | 2.5    | - 7.1                      | 9.6                                    | - 12.8  | - 14.3                     | - 10.6  | 4.0     |
| June                        | - 25.4              | - 0.4        | 23.5                                     | 14.5    | 7.6                        | 6.8                             | 9.0    | 3.3                        | 5.8                                    | - 16.9  | - 30.6                     | - 14.8  | 7.8     |
| July                        | - 1.1               | 0.4          | - 8.5                                    | - 5.4   | - 5.2                      | - 0.2                           | - 3.1  | - 6.3                      | 3.2                                    | 10.1    | 11.4                       | 11.7    | 7.8     |
| Aug                         | 78.9                | 0.0          | 29.6                                     | 32.3    | 27.0                       | 5.3                             | - 2.8  | - 3.2                      | 0.4                                    | 31.1    | 26.8                       | 28.9    | 2.9     |

\* This table serves to supplement the "Overall monetary survey" in section II. Unlike the other tables in section IV, this table includes - in addition to

the figures reported by banks (including building and loan associations) - data from money market funds. - 1 Statistical breaks have been eliminated



| euro area                           |        |        |        |                            |       |                    |                |       |        |         | Claims on non-euro-area residents |                | Other assets | Period |
|-------------------------------------|--------|--------|--------|----------------------------|-------|--------------------|----------------|-------|--------|---------|-----------------------------------|----------------|--------------|--------|
| to non-banks in other member states |        |        |        |                            |       |                    |                |       |        | Total   | of which Loans                    |                |              |        |
| General government                  |        |        | Total  | Enterprises and households |       | General government |                |       | Total  |         |                                   | of which Loans |              |        |
| Secur-ities                         | Total  | Loans  |        | Secur-ities 2              | Total | Total              | of which Loans | Total |        | Loans   | Secur-ities                       |                |              |        |
| 233.0                               | 632.1  | 488.4  | 143.7  | 168.8                      | 65.3  | 35.9               | 103.6          | 20.7  | 82.8   | 511.2   | 404.2                             | 185.8          | 1999         |        |
| 259.1                               | 616.9  | 478.5  | 138.4  | 187.3                      | 83.8  | 44.2               | 103.5          | 20.0  | 83.5   | 622.4   | 481.7                             | 218.1          | 2000         |        |
| 261.3                               | 587.8  | 468.7  | 119.1  | 232.3                      | 111.3 | 53.7               | 121.0          | 26.2  | 94.8   | 727.3   | 572.0                             | 174.3          | 2001         |        |
| 265.0                               | 586.4  | 448.5  | 137.9  | 248.0                      | 125.0 | 63.6               | 123.0          | 25.5  | 97.5   | 738.1   | 589.2                             | 179.9          | 2002         |        |
| 256.2                               | 585.6  | 439.6  | 146.1  | 250.2                      | 133.5 | 62.7               | 116.6          | 25.9  | 90.7   | 806.4   | 645.6                             | 163.6          | 2003         |        |
| 255.9                               | 603.8  | 423.0  | 180.8  | 275.3                      | 140.6 | 61.9               | 134.7          | 25.7  | 109.0  | 897.8   | 730.4                             | 171.4          | 2004         |        |
| 278.2                               | 580.7  | 408.7  | 171.9  | 322.4                      | 169.1 | 65.0               | 153.3          | 30.7  | 122.6  | 993.8   | 796.8                             | 166.7          | 2005         |        |
| 294.1                               | 549.5  | 390.2  | 159.2  | 376.6                      | 228.1 | 85.2               | 148.5          | 26.1  | 122.4  | 1,172.7 | 936.2                             | 188.8          | 2006         |        |
| 267.3                               | 505.8  | 360.7  | 145.0  | 425.5                      | 294.6 | 124.9              | 130.9          | 26.0  | 104.9  | 1,339.5 | 1,026.9                           | 224.4          | 2007         |        |
| 292.0                               | 562.9  | 393.2  | 169.8  | 383.2                      | 229.9 | 88.8               | 153.2          | 26.1  | 127.2  | 1,148.4 | 916.9                             | 179.0          | 2006 Nov     |        |
| 294.1                               | 549.5  | 390.2  | 159.2  | 376.6                      | 228.1 | 85.2               | 148.5          | 26.1  | 122.4  | 1,172.7 | 936.2                             | 188.8          | Dec          |        |
| 301.9                               | 554.5  | 389.0  | 165.5  | 387.7                      | 233.6 | 90.5               | 154.1          | 26.0  | 128.1  | 1,191.3 | 947.7                             | 182.6          | 2007 Jan     |        |
| 291.0                               | 548.8  | 384.8  | 164.0  | 391.3                      | 239.4 | 93.4               | 151.9          | 25.8  | 126.1  | 1,212.1 | 955.0                             | 185.9          | Feb          |        |
| 294.5                               | 545.0  | 379.2  | 165.8  | 395.7                      | 244.5 | 96.0               | 151.2          | 24.7  | 126.5  | 1,229.3 | 969.4                             | 184.6          | Mar          |        |
| 323.9                               | 547.6  | 380.6  | 167.0  | 397.6                      | 250.0 | 96.4               | 147.6          | 25.0  | 122.5  | 1,245.5 | 980.9                             | 192.3          | Apr          |        |
| 305.8                               | 547.2  | 378.5  | 168.7  | 405.8                      | 255.7 | 99.0               | 150.1          | 24.3  | 125.8  | 1,259.2 | 979.3                             | 205.1          | May          |        |
| 276.3                               | 533.9  | 372.3  | 161.6  | 412.5                      | 263.2 | 103.1              | 149.2          | 25.5  | 123.8  | 1,282.6 | 996.3                             | 204.3          | June         |        |
| 276.1                               | 538.9  | 378.0  | 160.9  | 408.9                      | 264.6 | 100.0              | 144.3          | 25.2  | 119.1  | 1,291.5 | 1,004.7                           | 203.1          | July         |        |
| 272.8                               | 527.2  | 371.6  | 155.6  | 414.3                      | 276.0 | 112.0              | 138.2          | 25.7  | 112.5  | 1,300.5 | 1,005.8                           | 211.0          | Aug          |        |
| 274.0                               | 521.4  | 366.1  | 155.3  | 419.0                      | 284.7 | 116.4              | 134.3          | 24.9  | 109.5  | 1,334.3 | 1,039.6                           | 220.9          | Sep          |        |
| 265.3                               | 514.8  | 364.6  | 150.3  | 427.1                      | 292.8 | 121.4              | 134.4          | 24.9  | 109.4  | 1,325.3 | 1,022.3                           | 221.5          | Oct          |        |
| 264.5                               | 513.4  | 362.9  | 150.5  | 424.8                      | 295.5 | 122.2              | 129.3          | 25.4  | 103.9  | 1,344.7 | 1,031.3                           | 223.1          | Nov          |        |
| 267.3                               | 505.8  | 360.7  | 145.0  | 425.5                      | 294.6 | 124.9              | 130.9          | 26.0  | 104.9  | 1,339.5 | 1,026.9                           | 224.4          | Dec          |        |
| 287.6                               | 499.9  | 357.1  | 142.8  | 446.1                      | 309.7 | 141.2              | 136.4          | 25.9  | 110.5  | 1,307.3 | 1,006.0                           | 215.2          | 2008 Jan     |        |
| 270.6                               | 502.7  | 353.4  | 149.3  | 441.5                      | 302.8 | 135.7              | 138.7          | 26.1  | 112.7  | 1,326.0 | 1,022.5                           | 223.1          | Feb          |        |
| 277.1                               | 502.5  | 350.9  | 151.5  | 465.4                      | 326.3 | 140.3              | 139.1          | 26.2  | 112.9  | 1,327.0 | 1,035.8                           | 223.0          | Mar          |        |
| 308.7                               | 513.8  | 355.9  | 158.0  | 463.8                      | 326.7 | 143.2              | 137.1          | 26.0  | 111.1  | 1,347.9 | 1,061.0                           | 234.1          | Apr          |        |
| 294.2                               | 509.9  | 350.7  | 159.3  | 465.4                      | 330.3 | 146.5              | 135.1          | 26.0  | 109.1  | 1,342.9 | 1,054.7                           | 235.2          | May          |        |
| 270.9                               | 494.1  | 349.4  | 144.7  | 478.3                      | 340.1 | 158.3              | 138.1          | 26.2  | 111.9  | 1,303.5 | 1,013.6                           | 237.6          | June         |        |
| 274.7                               | 493.8  | 349.6  | 144.2  | 477.7                      | 343.1 | 161.9              | 134.6          | 26.0  | 108.7  | 1,299.8 | 1,011.4                           | 241.2          | July         |        |
| 301.1                               | 491.7  | 349.0  | 142.8  | 482.4                      | 349.9 | 167.7              | 132.6          | 26.4  | 106.2  | 1,316.1 | 1,026.9                           | 239.0          | Aug          |        |
| <b>Changes <sup>1</sup></b>         |        |        |        |                            |       |                    |                |       |        |         |                                   |                |              |        |
| 27.3                                | - 11.4 | - 6.7  | - 4.6  | 17.8                       | 16.8  | 7.2                | 1.0            | - 0.3 | 1.2    | 103.9   | 71.9                              | 32.5           | 2000         |        |
| 2.4                                 | - 26.5 | - 9.8  | - 16.7 | 31.3                       | 24.3  | 7.7                | 7.0            | 2.2   | 4.8    | 110.1   | 86.6                              | - 9.9          | 2001         |        |
| 6.2                                 | - 0.8  | - 20.2 | 19.4   | 18.3                       | 15.9  | 12.0               | 2.4            | - 0.6 | 3.0    | 65.7    | 64.1                              | - 0.4          | 2002         |        |
| - 4.3                               | 0.8    | - 8.7  | 9.6    | 6.6                        | 13.4  | 2.7                | - 6.8          | - 0.8 | - 6.0  | 116.2   | 98.5                              | - 41.5         | 2003         |        |
| 0.9                                 | 17.8   | - 17.0 | 34.9   | 26.6                       | 8.2   | 3.1                | 18.4           | 0.0   | 18.4   | 111.4   | 100.5                             | - 14.7         | 2004         |        |
| 21.7                                | - 23.0 | - 14.3 | - 8.6  | 45.5                       | 27.4  | 2.1                | 18.2           | 4.6   | 13.5   | 57.7    | 31.6                              | - 22.2         | 2005         |        |
| 19.3                                | - 31.0 | - 18.6 | - 12.4 | 54.5                       | 59.6  | 20.9               | - 5.1          | - 1.3 | - 3.8  | 205.9   | 165.7                             | 9.8            | 2006         |        |
| - 14.6                              | - 39.6 | - 29.3 | - 10.3 | 55.1                       | 73.7  | 41.5               | - 18.6         | 0.0   | - 18.6 | 222.9   | 136.8                             | 21.1           | 2007         |        |
| 2.5                                 | - 13.3 | - 2.9  | - 10.4 | - 6.4                      | - 1.9 | - 3.6              | - 4.5          | 0.0   | - 4.5  | 25.8    | 19.0                              | 4.8            | 2006 Dec     |        |
| 11.5                                | 5.5    | - 1.2  | 6.7    | 9.4                        | 4.2   | 3.8                | 5.2            | - 0.3 | 5.5    | 17.3    | 9.9                               | - 10.2         | 2007 Jan     |        |
| - 10.7                              | - 5.7  | - 4.3  | - 1.4  | 4.6                        | 6.7   | 3.1                | - 2.1          | - 0.1 | - 2.0  | 27.4    | 13.5                              | 2.2            | Feb          |        |
| 3.8                                 | - 3.8  | - 5.6  | 1.8    | 4.6                        | 4.8   | 2.2                | - 0.2          | - 0.6 | 0.4    | 20.6    | 17.4                              | - 1.8          | Mar          |        |
| 30.4                                | 2.7    | 1.5    | 1.2    | 2.7                        | 6.3   | 1.0                | - 3.5          | 0.4   | - 4.0  | 23.9    | 18.5                              | 7.4            | Apr          |        |
| - 18.2                              | - 0.4  | - 2.1  | 1.7    | 8.4                        | 5.9   | 2.9                | 2.5            | - 0.7 | 3.3    | 10.1    | - 4.9                             | 12.4           | May          |        |
| - 29.1                              | - 13.2 | - 6.1  | - 7.1  | 6.8                        | 9.2   | 4.8                | - 2.3          | 0.6   | - 3.0  | 24.6    | 19.4                              | - 1.7          | June         |        |
| 1.1                                 | 4.9    | 5.6    | - 0.7  | - 3.2                      | 1.7   | - 2.9              | - 5.0          | - 0.2 | - 4.8  | 13.3    | 12.4                              | - 1.3          | July         |        |
| - 3.4                               | - 11.7 | - 6.4  | - 5.3  | 5.4                        | 11.5  | 12.0               | - 6.2          | 0.5   | - 6.6  | 5.4     | - 2.5                             | 7.5            | Aug          |        |
| 1.4                                 | - 5.7  | - 5.4  | - 0.3  | 5.7                        | 9.4   | 5.1                | - 3.7          | - 0.7 | - 2.9  | 48.4    | 47.0                              | 9.3            | Sep          |        |
| - 3.6                               | - 3.3  | - 1.5  | - 1.8  | 11.5                       | 11.5  | 5.4                | 0.1            | 0.1   | - 0.1  | 4.3     | - 9.7                             | - 0.3          | Oct          |        |
| - 0.7                               | - 1.4  | - 1.7  | 0.3    | - 1.7                      | 3.3   | 1.2                | - 5.0          | 0.5   | - 5.5  | 28.3    | 16.7                              | 1.1            | Nov          |        |
| 2.9                                 | - 7.6  | - 2.1  | - 5.4  | 0.9                        | - 0.8 | 3.0                | 1.7            | 0.6   | 1.0    | - 0.8   | - 0.9                             | - 3.7          | Dec          |        |
| 21.6                                | - 5.8  | - 3.6  | - 2.2  | 9.7                        | 4.4   | 9.9                | 5.3            | - 0.1 | 5.4    | - 12.6  | - 10.3                            | - 17.9         | 2008 Jan     |        |
| - 17.0                              | 2.8    | - 3.7  | 6.5    | - 3.8                      | - 6.2 | - 5.0              | 2.4            | 0.2   | 2.2    | 28.6    | 24.6                              | 6.4            | Feb          |        |
| 6.7                                 | 0.1    | - 2.4  | 2.5    | 25.6                       | 25.2  | 5.4                | 0.4            | 0.2   | 0.2    | 21.5    | 30.8                              | - 3.9          | Mar          |        |
| 31.8                                | 11.5   | 4.7    | 6.8    | - 0.7                      | 1.3   | 3.8                | - 2.1          | - 0.2 | - 1.8  | 16.5    | 20.9                              | 10.2           | Apr          |        |
| - 14.6                              | - 3.8  | - 5.2  | 1.4    | 1.5                        | 3.5   | 3.2                | - 2.0          | 0.0   | - 2.0  | - 5.6   | - 6.8                             | 0.4            | May          |        |
| - 22.6                              | - 15.8 | - 1.3  | - 14.6 | 13.7                       | 10.7  | 12.3               | 3.0            | 0.2   | 2.8    | - 33.2  | - 34.6                            | 1.6            | June         |        |
| 3.9                                 | - 0.4  | 0.2    | - 0.6  | - 1.2                      | 2.2   | 3.4                | - 3.5          | - 0.3 | - 3.2  | - 6.0   | - 4.1                             | 2.8            | July         |        |
| 26.0                                | - 2.1  | - 0.6  | - 1.5  | 4.3                        | 6.4   | 5.6                | - 2.1          | 0.4   | - 2.5  | 16.3    | 15.5                              | 1.9            | Aug          |        |

from the flow figures (see also footnote \* in Table II.1). — 2 Including debt securities arising from the exchange of equalisation claims.

## IV Banks

### 1 Assets and liabilities of monetary financial institutions (excluding the Bundesbank) in Germany \* Liabilities

Up to end-1998, DM billion; from 1999, € billion

| Period               | Deposits of banks (MFIs)<br>in the euro area |          |                           |                              | Deposits of non-banks (non-MFIs) in the euro area |   |                |                           |                              |                     |                               |       |                |
|----------------------|--|----------|---------------------------|------------------------------|---|---|----------------|---------------------------|------------------------------|---------------------|-------------------------------|-------|----------------|
|                      | Balance<br>sheet<br>total                    | of banks |                           |                              | Total   | Deposits of non-banks in the home country |                |                           |                              |                     | Deposits of non-banks         |       |                |
|                      |  | Total    | in the<br>home<br>country | in other<br>member<br>states |   | Total                                     | Over-<br>night | With agreed<br>maturities |                              | At agreed<br>notice |                               | Total | Over-<br>night |
|                      |  |          |                           |                              |   |   |                |                           |                              |                     | End of year or month          |       |                |
|                      |  |          |                           |                              |   |   |                | Total                     | of which<br>up to<br>2 years | Total               | of which<br>up to<br>3 months | Total | Over-<br>night |
| 1999                 | 5,678.5                                      | 1,288.1  | 1,121.8                   | 166.3                        | 2,012.4   | 1,854.7                                   | 419.5          | 820.6                     | 247.0                        | 614.7               | 504.4                         | 111.1 | 6.5            |
| 2000                 | 6,083.9                                      | 1,379.4  | 1,188.9                   | 190.5                        | 2,051.4   | 1,873.6                                   | 441.4          | 858.8                     | 274.3                        | 573.5               | 450.5                         | 107.9 | 6.9            |
| 2001                 | 6,303.1                                      | 1,418.0  | 1,202.1                   | 215.9                        | 2,134.0   | 1,979.7                                   | 525.0          | 880.2                     | 290.6                        | 574.5               | 461.9                         | 105.2 | 7.6            |
| 2002                 | 6,394.2                                      | 1,478.7  | 1,236.2                   | 242.4                        | 2,170.0   | 2,034.9                                   | 574.8          | 884.9                     | 279.3                        | 575.3               | 472.9                         | 87.4  | 8.1            |
| 2003                 | 6,432.0                                      | 1,471.0  | 1,229.4                   | 241.6                        | 2,214.6   | 2,086.9                                   | 622.1          | 874.5                     | 248.0                        | 590.3               | 500.8                         | 81.8  | 9.3            |
| 2004                 | 6,617.4                                      | 1,528.4  | 1,270.8                   | 257.6                        | 2,264.2   | 2,148.5                                   | 646.2          | 898.9                     | 239.9                        | 603.5               | 515.5                         | 71.9  | 8.8            |
| 2005                 | 6,859.4                                      | 1,569.6  | 1,300.8                   | 268.8                        | 2,329.1   | 2,225.4                                   | 715.8          | 906.2                     | 233.4                        | 603.4               | 519.1                         | 62.2  | 9.6            |
| 2006                 | 7,154.4                                      | 1,637.7  | 1,348.6                   | 289.0                        | 2,449.2   | 2,341.6                                   | 745.8          | 1,009.3                   | 310.1                        | 586.5               | 487.4                         | 62.0  | 13.9           |
| 2007                 | 7,592.4                                      | 1,778.6  | 1,479.0                   | 299.6                        | 2,633.6   | 2,518.3                                   | 769.6          | 1,193.3                   | 477.9                        | 555.4               | 446.0                         | 75.1  | 19.6           |
| 2006 Nov             | 7,141.2                                      | 1,618.6  | 1,320.5                   | 298.1                        | 2,423.1   | 2,310.9                                   | 742.3          | 987.1                     | 293.7                        | 581.4               | 484.3                         | 63.8  | 13.0           |
| Dec                  | 7,154.4                                      | 1,637.7  | 1,348.6                   | 289.0                        | 2,449.2   | 2,341.6                                   | 745.8          | 1,009.3                   | 310.1                        | 586.5               | 487.4                         | 62.0  | 13.9           |
| 2007 Jan             | 7,192.4                                      | 1,619.6  | 1,334.6                   | 285.1                        | 2,444.8   | 2,341.1                                   | 744.5          | 1,014.4                   | 313.0                        | 582.2               | 481.3                         | 60.0  | 14.2           |
| Feb                  | 7,230.9                                      | 1,623.5  | 1,339.1                   | 284.4                        | 2,447.0   | 2,345.0                                   | 744.5          | 1,020.2                   | 317.4                        | 580.3               | 477.4                         | 58.2  | 13.4           |
| Mar                  | 7,288.3                                      | 1,652.4  | 1,368.1                   | 284.3                        | 2,455.8   | 2,350.8                                   | 745.9          | 1,026.3                   | 324.4                        | 578.5               | 474.2                         | 61.7  | 15.7           |
| Apr                  | 7,357.2                                      | 1,669.5  | 1,370.7                   | 298.7                        | 2,469.9   | 2,366.6                                   | 745.8          | 1,046.2                   | 342.2                        | 574.6               | 470.0                         | 59.6  | 13.5           |
| May                  | 7,389.3                                      | 1,664.2  | 1,356.6                   | 307.6                        | 2,485.4   | 2,376.3                                   | 751.7          | 1,054.5                   | 349.9                        | 570.1               | 465.8                         | 60.3  | 16.0           |
| June                 | 7,381.7                                      | 1,653.4  | 1,357.7                   | 295.7                        | 2,506.8   | 2,394.5                                   | 760.0          | 1,067.8                   | 360.3                        | 566.7               | 461.7                         | 62.6  | 17.4           |
| July                 | 7,371.2                                      | 1,650.1  | 1,351.7                   | 298.5                        | 2,508.2   | 2,401.0                                   | 764.7          | 1,074.7                   | 366.9                        | 561.6               | 456.0                         | 64.2  | 15.4           |
| Aug                  | 7,417.4                                      | 1,665.0  | 1,359.9                   | 305.1                        | 2,523.9   | 2,418.3                                   | 759.1          | 1,101.4                   | 393.4                        | 557.8               | 452.1                         | 63.0  | 13.6           |
| Sep                  | 7,500.9                                      | 1,698.6  | 1,380.9                   | 317.7                        | 2,551.3   | 2,441.3                                   | 768.5          | 1,117.9                   | 405.7                        | 554.8               | 448.5                         | 68.6  | 16.6           |
| Oct                  | 7,500.5                                      | 1,714.2  | 1,377.3                   | 336.9                        | 2,548.5   | 2,438.7                                   | 757.6          | 1,129.9                   | 420.3                        | 551.2               | 443.8                         | 68.9  | 16.1           |
| Nov                  | 7,553.6                                      | 1,719.0  | 1,393.4                   | 325.7                        | 2,592.0   | 2,474.9                                   | 785.8          | 1,141.0                   | 430.8                        | 548.1               | 439.7                         | 70.5  | 18.6           |
| Dec                  | 7,592.4                                      | 1,778.6  | 1,479.0                   | 299.6                        | 2,633.6   | 2,518.3                                   | 769.6          | 1,193.3                   | 477.9                        | 555.4               | 446.0                         | 75.1  | 19.6           |
| 2008 Jan             | 7,574.1                                      | 1,734.4  | 1,393.6                   | 340.7                        | 2,628.1   | 2,514.1                                   | 770.0          | 1,193.6                   | 476.6                        | 550.5               | 441.2                         | 74.1  | 22.1           |
| Feb                  | 7,596.6                                      | 1,736.2  | 1,395.6                   | 340.6                        | 2,638.4   | 2,525.9                                   | 768.8          | 1,209.6                   | 491.5                        | 547.6               | 439.2                         | 73.7  | 19.1           |
| Mar                  | 7,641.7                                      | 1,759.3  | 1,432.8                   | 326.5                        | 2,644.7   | 2,524.5                                   | 769.7          | 1,211.0                   | 492.4                        | 543.8               | 437.5                         | 79.3  | 26.3           |
| Apr                  | 7,725.9                                      | 1,790.8  | 1,439.8                   | 351.1                        | 2,649.4   | 2,535.5                                   | 758.9          | 1,236.8                   | 517.2                        | 539.8               | 434.8                         | 76.4  | 23.7           |
| May                  | 7,729.1                                      | 1,785.2  | 1,443.6                   | 341.6                        | 2,670.6   | 2,550.5                                   | 761.5          | 1,252.7                   | 533.4                        | 536.3               | 432.8                         | 80.4  | 26.1           |
| June                 | 7,688.7                                      | 1,764.2  | 1,448.9                   | 315.3                        | 2,670.8   | 2,551.5                                   | 768.8          | 1,249.3                   | 530.1                        | 533.4               | 430.7                         | 79.8  | 27.1           |
| July                 | 7,675.4                                      | 1,749.7  | 1,439.1                   | 310.6                        | 2,675.9   | 2,557.0                                   | 746.2          | 1,283.0                   | 563.6                        | 527.9               | 425.6                         | 81.7  | 27.3           |
| Aug                  | 7,744.7                                      | 1,753.3  | 1,446.9                   | 306.3                        | 2,688.1   | 2,569.2                                   | 748.7          | 1,296.8                   | 577.6                        | 523.6               | 422.5                         | 81.6  | 27.1           |
| Changes <sup>1</sup> |  |          |                           |                              |   |   |                |                           |                              |                     |                               |       |                |
| 2000                 | 401.5  | 87.5     | 66.0                      | 21.5                         | 38.7  | 19.8                                      | 22.5           | 37.8                      | 27.0                         | - 40.5              | - 53.6                        | - 4.2 | 0.3            |
| 2001                 | 244.9  | 32.4     | 8.4                       | 24.0                         | 80.6  | 105.2                                     | 83.0           | 21.2                      | 16.2                         | 1.1                 | 11.4                          | - 4.0 | 0.4            |
| 2002                 | 165.7  | 70.2     | 37.2                      | 33.1                         | 53.0  | 57.0                                      | 50.3           | 5.9                       | - 11.0                       | 0.8                 | 11.0                          | - 2.6 | 0.6            |
| 2003                 | 83.5   | 3.8      | - 3.3                     | 7.1                          | 44.7  | 50.3                                      | 48.8           | - 13.6                    | - 31.6                       | 15.1                | 28.0                          | - 3.8 | 1.4            |
| 2004                 | 207.5  | 62.3     | 42.9                      | 19.5                         | 53.5  | 64.9                                      | 26.3           | 25.5                      | - 8.3                        | 13.1                | 14.7                          | - 9.3 | - 0.4          |
| 2005                 | 197.2  | 32.8     | 26.9                      | 5.9                          | 65.0  | 75.5                                      | 69.4           | 7.3                       | - 6.9                        | - 1.2               | 2.9                           | - 8.0 | 0.5            |
| 2006                 | 349.0  | 105.5    | 81.5                      | 24.0                         | 123.0   | 118.6                                     | 30.4           | 105.0                     | 77.1                         | - 16.8              | - 31.7                        | 0.5   | 4.4            |
| 2007                 | 509.7  | 148.4    | 134.8                     | 13.6                         | 185.2   | 177.3                                     | 24.5           | 183.9                     | 167.8                        | - 31.1              | - 41.4                        | 13.7  | 5.6            |
| 2006 Dec             | 13.9   | 19.1     | 28.2                      | - 9.1                        | 26.1  | 30.7                                      | 3.4            | 22.2                      | 16.5                         | 5.1                 | 3.1                           | - 1.8 | 0.9            |
| 2007 Jan             | 33.9   | - 19.2   | - 14.3                    | - 4.9                        | - 5.0   | - 0.8                                     | - 1.4          | 5.0                       | 2.8                          | - 4.4               | - 6.2                         | - 2.2 | 0.3            |
| Feb                  | 46.3   | 4.9      | 4.9                       | 0.1                          | 2.6   | 4.2                                       | 0.2            | 5.9                       | 4.4                          | - 1.8               | - 3.8                         | - 1.8 | 0.8            |
| Mar                  | 61.6   | 29.4     | 29.3                      | 0.1                          | 9.2   | 5.9                                       | 1.5            | 6.1                       | 7.0                          | - 1.8               | - 3.3                         | 3.6   | 2.3            |
| Apr                  | 77.8   | 18.6     | 3.2                       | 15.4                         | 14.0  | 15.6                                      | - 0.4          | 20.0                      | 17.9                         | - 3.9               | - 4.1                         | - 1.9 | - 2.1          |
| May                  | 28.0   | - 5.8    | - 14.3                    | 8.5                          | 15.3  | 9.5                                       | 5.8            | 8.2                       | 7.7                          | - 4.5               | - 4.2                         | 0.6   | 2.4            |
| June                 | - 6.0  | - 9.0    | 2.7                       | - 11.7                       | 21.5  | 18.3                                      | 8.4            | 13.4                      | 10.5                         | - 3.5               | - 4.1                         | 2.4   | 1.5            |
| July                 | - 4.4  | - 2.7    | - 5.8                     | 3.1                          | 1.0   | 6.7                                       | 4.8            | 7.0                       | 6.6                          | - 5.1               | - 5.7                         | 1.6   | - 2.0          |
| Aug                  | 42.1   | 14.7     | 8.1                       | 6.5                          | 15.3  | 16.9                                      | - 5.7          | 26.3                      | 26.4                         | - 3.7               | - 3.9                         | - 1.3 | - 1.8          |
| Sep                  | 101.2  | 35.8     | 21.9                      | 13.9                         | 28.3  | 23.7                                      | 9.8            | 16.9                      | 12.6                         | - 3.0               | - 3.6                         | 5.9   | 3.1            |
| Oct                  | 26.7   | 16.8     | - 3.1                     | 20.0                         | - 2.4   | - 2.4                                     | - 10.7         | 11.9                      | 14.5                         | - 3.6               | - 4.7                         | 0.4   | - 0.4          |
| Nov                  | 63.1   | 5.9      | 16.5                      | - 10.6                       | 43.6  | 36.3                                      | 28.4           | 11.0                      | 10.2                         | - 3.1               | - 4.1                         | 1.6   | 2.5            |
| Dec                  | 39.4   | 58.9     | 85.7                      | - 26.8                       | 41.7  | 43.4                                      | - 16.2         | 52.3                      | 47.1                         | 7.3                 | 6.3                           | 4.8   | 0.8            |
| 2008 Jan             | - 31.3                                       | - 61.6   | - 101.1                   | 39.5                         | - 6.8   | - 4.2                                     | - 0.4          | 0.4                       | - 1.3                        | - 4.9               | - 4.8                         | - 2.5 | 1.9            |
| Feb                  | 33.0   | 3.0      | 2.4                       | 0.6                          | 10.8  | 12.2                                      | - 0.9          | 16.1                      | 14.9                         | - 2.9               | - 2.1                         | - 0.2 | - 3.0          |
| Mar                  | 66.1   | 26.4     | 38.4                      | - 12.0                       | 7.6   | - 0.7                                     | 1.5            | 1.6                       | 1.2                          | - 3.7               | - 1.6                         | 5.9   | 7.3            |
| Apr                  | 81.6   | 32.6     | 7.9                       | 24.8                         | 4.7   | 10.6                                      | - 11.1         | 25.8                      | 24.7                         | - 4.1               | - 2.7                         | - 2.6 | - 2.3          |
| May                  | 5.2  | - 1.2    | 4.0                       | - 5.2                        | 19.2  | 15.0                                      | 2.6            | 15.9                      | 16.3                         | - 3.5               | - 2.1                         | 2.1   | 0.5            |
| June                 | - 25.4                                       | - 18.0   | 5.9                       | - 23.9                       | 0.6   | 1.3                                       | 7.4            | - 3.3                     | - 3.2                        | - 2.9               | - 2.1                         | - 0.4 | 1.0            |
| July                 | - 1.1  | - 1.7    | 3.0                       | - 4.7                        | 5.1   | 5.4                                       | - 22.7         | 33.6                      | 33.5                         | - 5.6               | - 5.1                         | - 1.9 | 0.3            |
| Aug                  | 78.9   | 9.5      | 13.8                      | - 4.3                        | 12.2  | 12.1                                      | 2.5            | 13.9                      | 14.0                         | - 4.3               | - 3.1                         | - 0.0 | - 0.3          |

\* This table serves to supplement the "Overall monetary survey" in section II. Unlike the other tables in section IV, this table includes - in addition to the figures reported by banks (including building and loan associations) -

data from money market funds. — 1 Statistical breaks have been eliminated from the flow figures (see also footnote \* in Table II.1). —

## IV Banks

| in other member states <sup>2</sup> |                              |                     |                               | Deposits of<br>central governments |   | Liabilities<br>arising<br>from repos with<br>non-banks<br>in the<br>euro area | Money<br>market<br>fund<br>shares<br>issued <sup>3</sup> | Debt securities<br>issued <sup>3</sup> |  | Liabilities<br>to non-<br>euro-<br>area<br>residents | Capital<br>and<br>reserves | Other<br>Liabilities | Period    |
|-------------------------------------|------------------------------|---------------------|-------------------------------|------------------------------------|---|---|--|--|--|--|----------------------------|----------------------|-----------|
| With agreed<br>maturities           |                              | At agreed<br>notice |                               | Total                              | of which<br>domestic<br>central<br>govern-<br>ments |   |  | Total                                  | of which<br>with<br>maturities<br>of up to<br>2 years <sup>3</sup> |  |                            |                      |           |
| Total                               | of which<br>up to<br>2 years | Total               | of which<br>up to<br>3 months |                                    |   |   |  |  |  |  |                            |                      |           |
| End of year or month                |                              |                     |                               |                                    |   |   |  |  |  |  |                            |                      |           |
| 99.7                                | 8.9                          | 4.8                 | 3.7                           | 46.6                               | 45.9  | 2.0   | 20.8   | 1,323.6                                | 97.4   | 487.9  | 262.6                      | 281.1                | 1999      |
| 96.3                                | 6.7                          | 4.7                 | 3.3                           | 69.9                               | 67.6  | 0.4   | 19.3   | 1,417.1                                | 113.3  | 599.8  | 298.1                      | 318.4                | 2000      |
| 92.4                                | 9.0                          | 5.2                 | 3.8                           | 49.1                               | 46.9  | 4.9   | 33.2   | 1,445.4                                | 129.3  | 647.6  | 319.2                      | 300.8                | 2001      |
| 74.6                                | 9.9                          | 4.7                 | 3.6                           | 47.7                               | 45.6  | 3.3   | 36.7   | 1,468.2                                | 71.6   | 599.2  | 343.0                      | 309.8                | 2002      |
| 68.6                                | 11.4                         | 3.9                 | 3.1                           | 45.9                               | 44.2  | 14.1  | 36.7   | 1,486.9                                | 131.3  | 567.8  | 340.2                      | 300.8                | 2003      |
| 59.8                                | 9.8                          | 3.3                 | 2.7                           | 43.8                               | 41.4  | 14.8  | 31.5   | 1,554.8                                | 116.9  | 577.1  | 329.3                      | 317.2                | 2004      |
| 50.2                                | 9.8                          | 2.4                 | 2.0                           | 41.6                               | 38.8  | 19.5  | 31.7   | 1,611.9                                | 113.8  | 626.2  | 346.8                      | 324.5                | 2005      |
| 45.9                                | 9.3                          | 2.3                 | 1.9                           | 45.5                               | 41.9  | 17.1  | 32.0   | 1,636.7                                | 136.4  | 638.5  | 389.6                      | 353.7                | 2006      |
| 53.2                                | 22.0                         | 2.3                 | 1.8                           | 40.1                               | 38.3  | 26.6  | 28.6   | 1,637.6                                | 182.3  | 661.0  | 428.2                      | 398.2                | 2007      |
| 48.6                                | 10.1                         | 2.3                 | 1.8                           | 48.4                               | 43.7  | 27.5  | 32.0   | 1,641.7                                | 137.5  | 653.0  | 391.7                      | 353.6                | 2006 Nov  |
| 45.9                                | 9.3                          | 2.3                 | 1.9                           | 45.5                               | 41.9  | 17.1  | 32.0   | 1,636.7                                | 136.4  | 638.5  | 389.6                      | 353.7                | 2006 Dec  |
| 43.5                                | 9.2                          | 2.3                 | 1.9                           | 43.7                               | 40.6  | 25.0  | 31.9   | 1,653.8                                | 145.9  | 667.6  | 393.0                      | 356.6                | 2007 Jan  |
| 42.5                                | 8.9                          | 2.3                 | 1.8                           | 43.8                               | 41.8  | 29.7  | 31.6   | 1,657.3                                | 149.5  | 682.1  | 399.7                      | 359.9                | 2007 Feb  |
| 43.6                                | 10.0                         | 2.3                 | 1.9                           | 43.4                               | 42.2  | 29.8  | 32.7   | 1,659.7                                | 158.3  | 681.3  | 405.5                      | 371.2                | 2007 Mar  |
| 43.8                                | 9.5                          | 2.3                 | 1.8                           | 43.6                               | 43.2  | 29.4  | 33.6   | 1,657.7                                | 158.0  | 708.9  | 410.7                      | 377.5                | 2007 Apr  |
| 42.0                                | 8.2                          | 2.3                 | 1.8                           | 48.9                               | 46.9  | 28.0  | 33.9   | 1,666.3                                | 158.4  | 720.2  | 416.8                      | 374.6                | 2007 May  |
| 42.9                                | 10.0                         | 2.3                 | 1.8                           | 49.7                               | 46.6  | 32.7  | 35.3   | 1,670.4                                | 162.2  | 685.8  | 417.8                      | 379.5                | 2007 June |
| 46.6                                | 12.6                         | 2.3                 | 1.8                           | 43.0                               | 41.8  | 25.7  | 34.9   | 1,673.2                                | 168.2  | 675.2  | 426.0                      | 378.0                | 2007 July |
| 47.1                                | 13.1                         | 2.3                 | 1.8                           | 42.6                               | 41.1  | 28.4  | 32.3   | 1,665.5                                | 169.2  | 694.4  | 423.3                      | 384.6                | 2007 Aug  |
| 49.8                                | 16.5                         | 2.3                 | 1.7                           | 41.3                               | 39.6  | 36.3  | 30.3   | 1,651.5                                | 170.7  | 703.6  | 426.5                      | 402.7                | 2007 Sep  |
| 50.5                                | 17.5                         | 2.3                 | 1.7                           | 40.9                               | 38.2  | 34.6  | 29.2   | 1,664.4                                | 179.3  | 687.5  | 427.7                      | 394.5                | 2007 Oct  |
| 49.6                                | 18.1                         | 2.3                 | 1.7                           | 46.6                               | 41.9  | 39.7  | 29.1   | 1,658.9                                | 188.3  | 687.0  | 427.5                      | 400.4                | 2007 Nov  |
| 53.2                                | 22.0                         | 2.3                 | 1.8                           | 40.1                               | 38.3  | 26.6  | 28.6   | 1,637.6                                | 182.3  | 661.0  | 428.2                      | 398.2                | 2007 Dec  |
| 49.6                                | 18.9                         | 2.3                 | 1.8                           | 40.0                               | 37.4  | 42.1  | 28.8   | 1,644.1                                | 190.6  | 679.2  | 430.8                      | 386.7                | 2008 Jan  |
| 52.3                                | 23.6                         | 2.3                 | 1.8                           | 38.7                               | 37.1  | 45.9  | 29.0   | 1,631.9                                | 189.7  | 694.5  | 431.8                      | 389.0                | 2008 Feb  |
| 50.7                                | 23.0                         | 2.3                 | 1.8                           | 40.8                               | 37.6  | 46.7  | 27.2   | 1,622.3                                | 188.1  | 703.1  | 447.5                      | 390.9                | 2008 Mar  |
| 50.4                                | 23.5                         | 2.3                 | 1.8                           | 37.5                               | 35.3  | 55.7  | 25.4   | 1,628.2                                | 195.8  | 729.3  | 442.8                      | 404.2                | 2008 Apr  |
| 52.0                                | 24.6                         | 2.3                 | 1.8                           | 39.7                               | 36.7  | 56.0  | 24.6   | 1,629.9                                | 201.4  | 716.8  | 444.5                      | 401.5                | 2008 May  |
| 50.5                                | 23.4                         | 2.3                 | 1.8                           | 39.4                               | 37.8  | 63.9  | 23.8   | 1,641.4                                | 217.1  | 679.2  | 442.6                      | 402.9                | 2008 June |
| 52.0                                | 25.5                         | 2.3                 | 1.7                           | 37.2                               | 35.2  | 58.1  | 23.5   | 1,644.8                                | 222.2  | 674.8  | 443.6                      | 405.0                | 2008 July |
| 52.3                                | 26.4                         | 2.3                 | 1.7                           | 37.3                               | 36.3  | 63.1  | 23.2   | 1,655.8                                | 224.7  | 687.9  | 448.7                      | 424.6                | 2008 Aug  |
| Changes <sup>1</sup>                |                              |                     |                               |                                    |   |   |  |  |  |  |                            |                      |           |
| - 4.5                               | - 0.5                        | - 0.1               | - 0.3                         | - 23.1                             | - 21.6  | - 1.6   | - 1.5  | - 90.6                                 | - 15.9   | - 97.8   | - 35.3                     | - 54.6               | 2000      |
| - 4.6                               | - 1.6                        | - 0.2               | - 0.4                         | - 20.5                             | - 20.4  | - 4.6   | - 13.3   | - 59.5                                 | - 18.6   | - 34.8   | - 20.9                     | - 1.1                | 2001      |
| - 2.6                               | - 1.1                        | - 0.5               | - 0.3                         | - 1.4                              | - 1.3   | - 1.6   | - 4.1  | - 18.8                                 | - 14.8   | - 2.1  | - 25.6                     | - 2.7                | 2002      |
| - 4.4                               | - 2.0                        | - 0.8               | - 0.4                         | - 1.8                              | - 1.4   | - 10.7  | - 0.1  | - 49.8                                 | - 2.2  | - 4.6  | - 3.9                      | - 26.3               | 2003      |
| - 8.3                               | - 1.4                        | - 0.6               | - 0.4                         | - 2.1                              | - 2.8   | - 0.8   | - 5.2  | - 72.9                                 | - 14.8   | - 21.5   | - 10.5                     | - 12.2               | 2004      |
| - 7.7                               | - 0.4                        | - 0.9               | - 0.7                         | - 2.5                              | - 3.0   | - 4.7   | - 0.2  | - 39.3                                 | - 9.4  | - 22.4   | - 14.4                     | - 18.5               | 2005      |
| - 3.9                               | - 0.2                        | - 0.1               | - 0.2                         | - 3.9                              | - 3.1   | - 3.2   | - 0.3  | - 34.3                                 | - 21.7   | - 32.1   | - 27.9                     | - 29.2               | 2006      |
| 8.1                                 | 13.0                         | 0.0                 | - 0.1                         | - 5.8                              | - 4.3   | - 8.1   | - 3.4  | - 20.4                                 | - 48.7   | - 49.1   | - 42.9                     | - 59.1               | 2007      |
| - 2.7                               | - 0.8                        | 0.0                 | 0.0                           | - 2.9                              | - 1.8   | - 10.5  | 0.0  | - 4.6                                  | - 1.2  | - 14.8   | - 2.0                      | 0.5                  | 2006 Dec  |
| - 2.5                               | - 0.2                        | - 0.0               | - 0.0                         | - 1.9                              | - 1.4   | - 8.0   | - 0.0  | - 14.7                                 | - 9.5  | - 26.0   | - 3.8                      | - 5.8                | 2007 Jan  |
| - 1.0                               | - 0.3                        | 0.0                 | - 0.0                         | - 0.2                              | - 1.1   | - 4.7   | - 0.3  | - 6.5                                  | - 3.6  | - 19.2   | - 7.2                      | - 1.5                | 2007 Feb  |
| 1.2                                 | 1.1                          | 0.0                 | 0.0                           | - 0.3                              | 0.4   | 0.1   | 1.0  | - 4.2                                  | 8.9  | 1.5  | 6.0                        | 10.2                 | 2007 Mar  |
| 0.3                                 | - 0.4                        | - 0.0               | - 0.0                         | 0.3                                | 1.0   | - 0.4   | 0.9  | 2.1                                    | - 0.3  | 32.5   | 6.0                        | 4.0                  | 2007 Apr  |
| - 1.9                               | - 1.3                        | - 0.0               | - 0.0                         | 5.2                                | - 3.7   | - 1.5   | 0.3  | 7.1                                    | 0.4  | - 9.0  | 5.8                        | - 2.2                | 2007 May  |
| 1.0                                 | 1.8                          | - 0.0               | - 0.0                         | 0.9                                | - 0.3   | 3.2   | 1.5  | 4.8                                    | 3.7  | - 33.7   | 1.1                        | 4.5                  | 2007 June |
| 3.7                                 | 2.7                          | - 0.0               | - 0.0                         | - 7.3                              | - 5.3   | - 7.0   | - 0.4  | - 3.4                                  | - 5.2  | - 7.7  | - 8.4                      | - 0.6                | 2007 July |
| 0.5                                 | 0.4                          | - 0.0               | - 0.0                         | - 0.3                              | - 0.7   | - 2.7   | - 2.7  | - 8.6                                  | 2.8  | - 16.4   | - 2.9                      | - 7.1                | 2007 Aug  |
| 2.9                                 | 3.6                          | - 0.0               | - 0.0                         | - 1.3                              | - 1.5   | - 7.9   | - 1.9  | - 7.2                                  | 1.6  | 18.1   | 4.4                        | 15.7                 | 2007 Sep  |
| 0.9                                 | 1.1                          | - 0.0               | - 0.0                         | - 0.4                              | - 1.4   | - 1.7   | - 1.1  | - 16.0                                 | - 10.5   | - 11.9   | 1.7                        | 9.2                  | 2007 Oct  |
| - 1.0                               | 0.5                          | 0.0                 | - 0.0                         | - 5.7                              | - 3.7   | - 5.1   | - 0.1  | - 2.5                                  | - 8.7  | - 5.0  | 0.3                        | 5.8                  | 2007 Nov  |
| 3.9                                 | 4.0                          | 0.1                 | 0.0                           | - 6.5                              | - 3.7   | - 13.1  | - 0.5  | - 20.2                                 | - 5.9  | - 25.2   | 1.0                        | - 3.2                | 2007 Dec  |
| - 4.4                               | - 3.8                        | 0.0                 | 0.0                           | - 0.2                              | - 0.9   | 15.4  | 0.2  | 6.7                                    | - 8.3  | 22.8   | 2.6                        | - 10.6               | 2008 Jan  |
| - 2.9                               | - 4.8                        | - 0.0               | - 0.0                         | - 1.3                              | - 0.3   | 3.9   | 0.2  | - 8.9                                  | - 0.7  | 21.1   | 1.0                        | 1.8                  | 2008 Feb  |
| - 1.4                               | - 0.4                        | - 0.0               | 0.0                           | 2.3                                | 0.7   | 0.8   | - 1.8  | - 3.5                                  | - 1.5  | 17.9   | 16.9                       | 1.9                  | 2008 Mar  |
| - 0.3                               | 0.5                          | - 0.0               | - 0.0                         | - 3.3                              | - 2.3   | 9.0   | - 1.8  | - 5.5                                  | 7.7  | 23.5   | - 3.9                      | 12.0                 | 2008 Apr  |
| - 1.6                               | - 1.1                        | - 0.0               | - 0.0                         | - 2.2                              | - 1.4   | 0.2   | - 0.8  | - 1.6                                  | 4.5  | - 12.8   | - 1.8                      | - 2.9                | 2008 May  |
| - 1.3                               | - 1.1                        | - 0.0               | - 0.0                         | - 0.3                              | 1.1   | 7.9   | - 0.8  | 14.0                                   | 15.8   | - 34.1   | 4.1                        | 0.9                  | 2008 June |
| 1.6                                 | 2.1                          | - 0.0               | - 0.0                         | - 2.2                              | - 2.6   | - 5.8   | - 0.3  | - 4.5                                  | 5.7  | - 5.8  | 1.5                        | 1.4                  | 2008 July |
| 0.2                                 | 0.9                          | - 0.0               | - 0.0                         | 0.1                                | 1.1   | 5.1   | - 0.3  | - 12.7                                 | 4.2  | 13.1   | 3.3                        | 23.4                 | 2008 Aug  |

<sup>2</sup> Excluding deposits of central governments. — <sup>3</sup> In Germany, debt securities with maturities of up to one year are classed as money market

paper; up to the January 2002 Monthly Report they were published together with money market fund shares.

## IV Banks

## 2 Principal assets and liabilities of banks (MFIs) in Germany, by category of banks \*

€ billion

| End of month  | Number of reporting institutions | Balance sheet total | Cash in hand and credit balances with central banks | Lending to banks (MFIs) |                    |                            | Lending to non-banks (non-MFIs) |          |                                |                      |       | Participating interests | Other assets |                                |
|---|----------------------------------|---------------------|---|-------------------------|--------------------|----------------------------|---------------------------------|----------|--------------------------------|----------------------|-------|-------------------------|--------------|--------------------------------|
|   |                                  |                     |   | Total                   | of which           |                            | Total                           | of which |                                |                      |       |                         |              |                                |
|   |                                  |                     |   |                         | Balances and loans | Securities issued by banks |                                 | Loans    | for up to and including 1 year | for more than 1 year | Bills |                         |              | Securities issued by non-banks |
|   |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| <b>All categories of banks</b>                                      |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 Mar  | 2,021                            | 7,696.0             | 84.0  | 3,162.3                 | 2,306.2            | 808.1                      | 3,949.1                         | 582.2    | 2,611.0                        | 1.6                  | 732.3 | 161.7                   | 338.9        |                                |
| Apr   | 2,019                            | 7,782.0             | 67.8  | 3,205.5                 | 2,347.2            | 810.1                      | 3,998.2                         | 589.2    | 2,623.7                        | 1.5                  | 764.2 | 160.7                   | 349.8        |                                |
| May   | 2,017                            | 7,785.8             | 64.4  | 3,221.4                 | 2,339.2            | 827.4                      | 3,988.9                         | 588.3    | 2,632.4                        | 1.5                  | 745.0 | 160.6                   | 350.5        |                                |
| June  | 2,014                            | 7,745.1             | 68.6  | 3,227.3                 | 2,332.1            | 829.5                      | 3,940.6                         | 560.1    | 2,647.7                        | 1.5                  | 708.4 | 156.5                   | 352.2        |                                |
| July  | 2,008                            | 7,732.1             | 55.4  | 3,212.1                 | 2,314.7            | 827.4                      | 3,948.2                         | 566.3    | 2,656.9                        | 1.4                  | 702.7 | 160.2                   | 356.1        |                                |
| Aug   | 2,003                            | 7,802.4             | 62.4  | 3,230.3                 | 2,325.5            | 833.2                      | 3,995.0                         | 568.7    | 2,677.6                        | 1.4                  | 727.0 | 160.1                   | 354.6        |                                |
| <b>Commercial banks <sup>5</sup></b>                                |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 270                              | 2,325.2             | 20.3  | 967.0                   | 819.7              | 131.9                      | 1,106.1                         | 304.6    | 613.4                          | 0.7                  | 180.0 | 79.1                    | 152.7        |                                |
| Aug   | 271                              | 2,371.4             | 23.5  | 975.7                   | 826.7              | 133.8                      | 1,138.7                         | 309.9    | 617.8                          | 0.7                  | 203.3 | 78.6                    | 154.9        |                                |
| <b>Big banks <sup>6</sup></b>                                       |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 5                                | 1,443.2             | 9.8   | 636.0                   | 545.7              | 80.0                       | 612.8                           | 185.5    | 294.4                          | 0.5                  | 127.2 | 72.4                    | 112.2        |                                |
| Aug   | 5                                | 1,457.6             | 13.6  | 640.6                   | 549.3              | 81.2                       | 614.8                           | 189.9    | 296.1                          | 0.5                  | 123.7 | 71.5                    | 117.0        |                                |
| <b>Regional banks and other commercial banks</b>                    |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 163                              | 712.0               | 8.7   | 243.3                   | 188.1              | 50.2                       | 420.3                           | 89.2     | 277.8                          | 0.1                  | 51.0  | 6.2                     | 33.5         |                                |
| Aug   | 164                              | 739.6               | 8.3   | 243.1                   | 187.1              | 50.9                       | 450.2                           | 90.3     | 280.0                          | 0.1                  | 77.7  | 6.5                     | 31.4         |                                |
| <b>Branches of foreign banks</b>                                    |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 102                              | 170.0               | 1.9   | 87.6                    | 85.9               | 1.7                        | 73.0                            | 29.9     | 41.1                           | 0.0                  | 1.8   | 0.6                     | 6.9          |                                |
| Aug   | 102                              | 174.3               | 1.6   | 92.0                    | 90.3               | 1.7                        | 73.6                            | 29.7     | 41.8                           | 0.0                  | 1.9   | 0.6                     | 6.6          |                                |
| <b>Landesbanken</b>   |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 10                               | 1,576.1             | 2.7   | 825.6                   | 603.5              | 192.1                      | 662.4                           | 114.4    | 426.1                          | 0.1                  | 110.1 | 28.2                    | 57.1         |                                |
| Aug   | 10                               | 1,590.7             | 3.9   | 832.7                   | 609.2              | 192.5                      | 669.1                           | 111.0    | 435.6                          | 0.1                  | 111.2 | 28.2                    | 56.8         |                                |
| <b>Savings banks</b>  |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 438                              | 1,043.3             | 18.0  | 265.4                   | 117.9              | 138.2                      | 721.4                           | 61.4     | 561.9                          | 0.4                  | 97.5  | 19.8                    | 18.7         |                                |
| Aug   | 438                              | 1,046.3             | 18.1  | 268.0                   | 119.6              | 138.2                      | 721.5                           | 60.3     | 563.8                          | 0.4                  | 96.9  | 19.8                    | 18.9         |                                |
| <b>Regional institutions of credit cooperatives</b>                 |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 2                                | 268.1               | 0.2   | 169.1                   | 113.2              | 53.7                       | 72.4                            | 21.5     | 19.0                           | 0.0                  | 31.6  | 13.9                    | 12.4         |                                |
| Aug   | 2                                | 272.4               | 1.4   | 171.9                   | 115.2              | 54.8                       | 73.2                            | 21.5     | 19.5                           | 0.0                  | 31.4  | 13.9                    | 11.9         |                                |
| <b>Credit cooperatives</b>  |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 1,225                            | 638.1               | 12.7  | 174.0                   | 78.4               | 89.0                       | 420.6                           | 35.7     | 335.6                          | 0.2                  | 48.8  | 10.8                    | 20.0         |                                |
| Aug   | 1,220                            | 642.3               | 12.6  | 177.0                   | 80.4               | 90.3                       | 422.1                           | 35.6     | 336.7                          | 0.2                  | 49.4  | 10.8                    | 19.8         |                                |
| <b>Mortgage banks</b>   |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 21                               | 806.6               | 1.0   | 250.5                   | 141.1              | 107.0                      | 531.1                           | 15.9     | 377.6                          | -                    | 136.8 | 1.2                     | 22.7         |                                |
| Aug   | 20                               | 799.1               | 0.9   | 246.4                   | 136.8              | 107.1                      | 532.6                           | 16.9     | 378.9                          | -                    | 136.1 | 1.2                     | 18.0         |                                |
| <b>Building and loan associations</b>                               |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 25                               | 191.1               | 0.1   | 56.6                    | 42.1               | 13.8                       | 120.0                           | 1.4      | 107.4                          | .                    | 11.2  | 0.3                     | 14.1         |                                |
| Aug   | 25                               | 190.1               | 0.1   | 55.3                    | 41.0               | 13.3                       | 120.3                           | 1.4      | 107.6                          | .                    | 11.3  | 0.3                     | 14.1         |                                |
| <b>Special purpose banks</b>  |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 17                               | 883.6               | 0.3   | 503.7                   | 398.8              | 101.7                      | 314.2                           | 11.4     | 216.0                          | -                    | 86.7  | 6.9                     | 58.5         |                                |
| Aug   | 17                               | 889.9               | 1.9   | 503.2                   | 396.7              | 103.2                      | 317.5                           | 12.1     | 217.7                          | -                    | 87.5  | 7.2                     | 60.1         |                                |
| <b>Memo item: Foreign banks <sup>7</sup></b>                        |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 147                              | 840.1               | 9.3   | 343.3                   | 271.6              | 63.2                       | 445.6                           | 96.2     | 275.3                          | 0.2                  | 72.2  | 6.4                     | 35.6         |                                |
| Aug   | 147                              | 839.8               | 6.5   | 344.8                   | 272.4              | 63.8                       | 446.7                           | 95.7     | 276.9                          | 0.2                  | 72.4  | 6.6                     | 35.2         |                                |
| <b>of which: Banks majority-owned by foreign banks <sup>8</sup></b> |                                  |                     |   |                         |                    |                            |                                 |          |                                |                      |       |                         |              |                                |
| 2008 July   | 45                               | 670.1               | 7.4   | 255.6                   | 185.6              | 61.5                       | 372.6                           | 66.3     | 234.1                          | 0.2                  | 70.5  | 5.8                     | 28.7         |                                |
| Aug   | 45                               | 665.5               | 5.0   | 252.8                   | 182.1              | 62.1                       | 373.0                           | 66.0     | 235.1                          | 0.2                  | 70.5  | 6.1                     | 28.6         |                                |

\* For the period up to December 1998, section IV (except for Table IV.1) shows the assets and liabilities of banks (excluding building and loan associations) in Germany; from January 1999, the assets and liabilities of monetary financial institutions (MFIs) in Germany. The assets and liabilities of foreign branches, of money market funds (which are also classified as

MFIs) and of the Bundesbank are not included. For the definitions of the respective items, see the footnotes to Table IV.3. — 1 For building and loan associations: Including deposits under savings and loan contracts (see Table IV.12). — 2 Included in time deposits. — 3 Excluding deposits under savings and loan contracts (see also footnote 2). — 4 Including subordinated

IV Banks

| Deposits of banks (MFIs)   |                   |                  | Deposits of non-banks (non-MFIs) |   |  |       |  |       |                               | Bearer<br>debt<br>securities<br>out-<br>standing <sup>4</sup> | Capital<br>including<br>published<br>reserves,<br>partici-<br>pation<br>rights<br>capital,<br>funds for<br>general<br>banking<br>risks | Other<br>liabilities | End of<br>month |                          |
|--|-------------------|------------------|----------------------------------|---|--|-------|--|-------|-------------------------------|---|--|----------------------|-----------------|--------------------------|
| Total  | of which          |                  | Total                            | of which                                |  |       |  |       | Savings deposits <sup>3</sup> |   |  |                      |                 | Bank<br>savings<br>bonds |
|  | Sight<br>deposits | Time<br>deposits |                                  | Sight<br>deposits                       | Time deposits <sup>1</sup>                 |       | Memo<br>item<br>Liabilities<br>arising<br>from<br>repos <sup>2</sup> | Total |                               |   |  |                      |                 |                          |
|  |                   |                  |                                  | for<br>up to and<br>including<br>1 year | for<br>more<br>than<br>1 year <sup>1</sup> |       |  |       |                               |   |  |                      |                 |                          |
| <b>All categories of banks</b>                                     |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 2,224.2  | 372.4             | 1,851.8          | 2,929.6                          | 886.8                                   | 558.7                                      | 796.9 | 140.8  | 552.3 | 443.7                         | 134.9   | 1,705.3  | 363.4                | 473.5           | 2008 Mar                 |
| 2,270.4  | 348.7             | 1,921.7          | 2,955.0                          | 877.6                                   | 594.7                                      | 798.3 | 158.9  | 548.2 | 441.0                         | 136.2   | 1,708.1  | 361.8                | 486.8           | Apr                      |
| 2,266.3  | 364.0             | 1,902.3          | 2,962.3                          | 876.9                                   | 601.5                                      | 800.1 | 144.6  | 544.7 | 438.9                         | 139.1   | 1,711.1  | 362.3                | 483.9           | May                      |
| 2,217.8  | 365.5             | 1,852.3          | 2,960.2                          | 894.3                                   | 583.3                                      | 800.3 | 139.8  | 541.8 | 436.8                         | 140.5   | 1,725.6  | 357.4                | 484.0           | June                     |
| 2,185.1  | 321.3             | 1,863.8          | 2,973.4                          | 868.9                                   | 625.7                                      | 800.3 | 148.7  | 536.2 | 431.7                         | 142.3   | 1,726.3  | 361.1                | 486.1           | July                     |
| 2,194.4  | 296.2             | 1,898.3          | 2,998.0                          | 875.7                                   | 645.0                                      | 801.9 | 157.2  | 531.9 | 428.5                         | 143.5   | 1,742.2  | 361.2                | 506.5           | Aug                      |
| <b>Commercial banks<sup>5</sup></b>                                |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 803.2  | 188.4             | 614.8            | 970.0                            | 418.3                                   | 285.8                                      | 141.5 | 97.4   | 104.6 | 82.2                          | 19.9  | 261.3  | 116.9                | 173.7           | 2008 July                |
| 808.2  | 177.0             | 631.1            | 982.7                            | 425.7                                   | 290.9                                      | 141.6 | 102.6  | 104.0 | 81.5                          | 20.4  | 264.8  | 117.2                | 198.6           | Aug                      |
| <b>Big banks<sup>6</sup></b>                                       |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 508.0  | 130.9             | 377.1            | 554.4                            | 217.2                                   | 180.5                                      | 86.9  | 88.5   | 61.9  | 58.3                          | 7.9   | 202.0  | 74.7                 | 104.1           | 2008 July                |
| 506.2  | 118.4             | 387.8            | 566.3                            | 229.4                                   | 180.8                                      | 86.6  | 93.8   | 61.4  | 57.7                          | 8.2   | 204.8  | 74.7                 | 105.5           | Aug                      |
| <b>Regional banks and other commercial banks</b>                   |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 172.0  | 34.0              | 138.0            | 381.4                            | 181.6                                   | 97.1                                       | 48.3  | 8.4  | 42.7  | 23.9                          | 11.8  | 59.4   | 36.9                 | 62.2            | 2008 July                |
| 172.9  | 34.9              | 137.9            | 382.9                            | 177.5                                   | 102.0                                      | 48.7  | 8.6  | 42.6  | 23.8                          | 12.1  | 60.0   | 37.2                 | 86.6            | Aug                      |
| <b>Branches of foreign banks</b>                                   |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 123.1  | 23.4              | 99.7             | 34.2                             | 19.5                                    | 8.1  | 6.4   | 0.4  | 0.0   | 0.0                           | 0.1   | 0.0  | 5.2                  | 7.4             | 2008 July                |
| 129.1  | 23.7              | 105.4            | 33.4                             | 18.8                                    | 8.1  | 6.4   | 0.2  | 0.0   | 0.0                           | 0.1   | 0.0  | 5.3                  | 6.5             | Aug                      |
| <b>Landesbanken</b>  |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 552.3  | 56.1              | 496.2            | 411.5                            | 62.2                                    | 133.0                                      | 201.3 | 46.9   | 13.5  | 13.1                          | 1.5   | 479.0  | 63.3                 | 70.0            | 2008 July                |
| 554.7  | 47.5              | 507.1            | 416.5                            | 60.4                                    | 138.8                                      | 202.5 | 51.5   | 13.4  | 13.1                          | 1.5   | 483.4  | 63.7                 | 72.4            | Aug                      |
| <b>Savings banks</b>   |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 209.0  | 22.6              | 186.4            | 679.7                            | 222.6                                   | 85.7                                       | 14.3  | –  | 265.8 | 205.4                         | 91.3  | 46.8   | 56.1                 | 51.8            | 2008 July                |
| 208.5  | 23.0              | 185.4            | 682.9                            | 223.5                                   | 89.1                                       | 14.4  | –  | 263.8 | 203.9                         | 92.0  | 46.7   | 56.1                 | 52.2            | Aug                      |
| <b>Regional institutions of credit cooperatives</b>                |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 138.3  | 24.1              | 114.1            | 48.5                             | 9.8                                     | 19.5                                       | 17.8  | 4.4  | –     | –                             | 1.5   | 53.5   | 10.9                 | 16.9            | 2008 July                |
| 143.6  | 23.3              | 120.4            | 46.8                             | 8.3                                     | 19.3                                       | 17.7  | 3.1  | –     | –                             | 1.5   | 54.3   | 10.9                 | 16.7            | Aug                      |
| <b>Credit cooperatives</b>   |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 93.8   | 7.4               | 86.4             | 437.0                            | 148.2                                   | 81.2                                       | 29.0  | –  | 151.5 | 130.1                         | 27.1  | 38.6   | 38.6                 | 30.1            | 2008 July                |
| 95.2   | 6.9               | 88.3             | 439.1                            | 148.8                                   | 83.7                                       | 29.4  | –  | 149.9 | 129.2                         | 27.4  | 39.1   | 38.6                 | 30.4            | Aug                      |
| <b>Mortgage banks</b>  |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 173.9  | 4.6               | 169.3            | 194.2                            | 2.9                                     | 12.8                                       | 177.6 | –  | 0.5   | 0.5                           | 0.3   | 389.3  | 22.5                 | 26.7            | 2008 July                |
| 170.3  | 3.4               | 166.9            | 195.3                            | 3.7                                     | 13.0                                       | 178.1 | –  | 0.5   | 0.5                           | 0.0   | 388.4  | 21.7                 | 23.4            | Aug                      |
| <b>Building and loan associations</b>                              |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 27.7   | 3.1               | 24.6             | 126.6                            | 0.3                                     | 1.7  | 123.9 | –  | 0.3   | 0.3                           | 0.4   | 6.2  | 7.3                  | 23.3            | 2008 July                |
| 27.1   | 3.0               | 24.2             | 126.0                            | 0.3                                     | 1.7  | 123.2 | –  | 0.3   | 0.3                           | 0.5   | 6.2  | 7.3                  | 23.5            | Aug                      |
| <b>Special purpose banks</b>                                       |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 187.0  | 14.9              | 172.2            | 105.9                            | 4.8                                     | 5.9  | 95.0  | –  | –     | –                             | 0.2   | 451.6  | 45.5                 | 93.5            | 2008 July                |
| 186.9  | 12.1              | 174.9            | 108.6                            | 5.0                                     | 8.5  | 95.0  | 0.0  | –     | –                             | 0.2   | 459.4  | 45.7                 | 89.3            | Aug                      |
| <b>Memo item: Foreign banks<sup>7</sup></b>                        |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 293.8  | 67.6              | 226.2            | 339.7                            | 156.8                                   | 93.3                                       | 67.2  | 18.1   | 14.9  | 14.6                          | 7.5   | 109.2  | 43.7                 | 53.8            | 2008 July                |
| 291.8  | 65.0              | 226.8            | 341.4                            | 156.2                                   | 95.3                                       | 67.3  | 21.8   | 14.8  | 14.6                          | 7.8   | 109.8  | 43.7                 | 53.1            | Aug                      |
| <b>of which: Banks majority-owned by foreign banks<sup>8</sup></b> |                   |                  |                                  |   |  |       |  |       |                               |   |  |                      |                 |                          |
| 170.7  | 44.2              | 126.5            | 305.5                            | 137.2                                   | 85.1                                       | 60.8  | 17.7   | 14.9  | 14.6                          | 7.3   | 109.1  | 38.4                 | 46.4            | 2008 July                |
| 162.7  | 41.3              | 121.4            | 308.0                            | 137.4                                   | 87.2                                       | 60.9  | 21.6   | 14.8  | 14.5                          | 7.6   | 109.7  | 38.4                 | 46.7            | Aug                      |

negotiable bearer debt securities; excluding non-negotiable bearer debt securities. — <sup>5</sup> Commercial banks comprise the sub-groups "Big banks", "Regional banks and other commercial banks" and "Branches of foreign banks". — <sup>6</sup> Deutsche Bank AG, Dresdner Bank AG, Commerzbank AG, Bayerische Hypo- und Vereinsbank AG and Deutsche Postbank AG. — <sup>7</sup> Sum

of the banks majority-owned by foreign banks and included in other categories of banks and the category "Branches (with dependent legal status) of foreign banks". — <sup>8</sup> Separate presentation of the banks majority-owned by foreign banks included in other banking categories.

## IV Banks

## 3 Assets and liabilities of banks (MFIs) in Germany vis-à-vis residents \*

Up to end-1998, DM billion; from 1999, € billion

| Period                        | Cash in hand (euro-area banknotes and coins) 1 | Credit balances with the Bundesbank | Lending to domestic banks (MFIs) 2,3 |                           |         |   |                            |                             | Lending to domestic non-banks (non-MFIs) 3,6 |         |         |  |                                  |  |
|-------------------------------|--|-------------------------------------|--------------------------------------|---------------------------|---------|---|----------------------------|-----------------------------|--|---------|---------|--|----------------------------------|--|
|                               |  |                                     | Total                                | Credit balances and loans | Bills 4 | Negotiable money market paper issued by banks | Securities issued by banks | Memo item Fiduciary loans 5 | Total  | Loans   | Bills 4 | Treasury bills and negotiable money market paper issued by non-banks | Securities issued by non-banks 7 |  |
| <b>End of year or month *</b> |  |                                     |                                      |                           |         |   |                            |                             |  |         |         |  |                                  |  |
| 1998                          | 28.5   | 63.6                                | 2,738.2                              | 1,814.7                   | 14.6    | 12.2  | 887.7                      | 9.1                         | 5,379.8                                      | 4,639.7 | 32.8    | 5.0  | 527.8                            |  |
| 1999                          | 16.8   | 45.6                                | 1,556.9                              | 1,033.4                   | 0.0     | 19.2  | 504.2                      | 3.9                         | 2,904.5                                      | 2,569.6 | 7.0     | 3.0  | 287.5                            |  |
| 2000                          | 15.6   | 50.8                                | 1,639.6                              | 1,056.1                   | 0.0     | 26.8  | 556.6                      | 3.6                         | 3,003.7                                      | 2,657.3 | 6.5     | 2.3  | 304.7                            |  |
| 2001                          | 14.2   | 56.3                                | 1,676.0                              | 1,078.9                   | 0.0     | 5.6   | 591.5                      | 2.8                         | 3,014.1                                      | 2,699.4 | 4.8     | 4.4  | 301.5                            |  |
| 2002                          | 17.5   | 45.6                                | 1,691.3                              | 1,112.3                   | 0.0     | 7.8   | 571.2                      | 2.7                         | 2,997.2                                      | 2,685.0 | 4.1     | 3.3  | 301.9                            |  |
| 2003                          | 17.0   | 46.7                                | 1,643.9                              | 1,064.0                   | 0.0     | 8.8   | 571.0                      | 2.3                         | 2,995.6                                      | 2,677.0 | 3.7     | 3.4  | 309.6                            |  |
| 2004                          | 14.9   | 41.2                                | 1,676.3                              | 1,075.8                   | 0.0     | 7.4   | 592.9                      | 2.1                         | 3,001.3                                      | 2,644.0 | 2.7     | 2.6  | 351.0                            |  |
| 2005                          | 15.1   | 47.9                                | 1,684.5                              | 1,096.8                   | 0.0     | 6.7   | 580.9                      | 2.1                         | 2,995.1                                      | 2,632.7 | 2.4     | 2.4  | 357.6                            |  |
| 2006                          | 16.0   | 49.4                                | 1,637.8                              | 1,086.3                   | -       | 9.3   | 542.2                      | 1.9                         | 3,000.7                                      | 2,630.3 | 1.9     | 2.0  | 366.5                            |  |
| 2007                          | 17.5   | 64.6                                | 1,751.8                              | 1,222.5                   | 0.0     | 25.3  | 504.0                      | 2.3                         | 2,975.7                                      | 2,647.9 | 1.6     | 1.5  | 324.7                            |  |
| 2007 Mar                      | 13.1   | 49.4                                | 1,669.5                              | 1,128.8                   | 0.0     | 13.2  | 527.5                      | 1.9                         | 3,016.1                                      | 2,638.8 | 1.6     | 1.8  | 373.9                            |  |
| Apr                           | 13.9   | 44.9                                | 1,660.0                              | 1,118.8                   | 0.0     | 12.8  | 528.4                      | 1.9                         | 3,043.3                                      | 2,635.9 | 1.6     | 2.4  | 403.4                            |  |
| May                           | 14.2   | 45.6                                | 1,668.3                              | 1,119.7                   | 0.0     | 13.4  | 535.1                      | 1.9                         | 3,021.0                                      | 2,630.0 | 1.6     | 1.3  | 388.0                            |  |
| June                          | 13.7   | 41.3                                | 1,651.1                              | 1,112.2                   | 0.0     | 16.7  | 522.2                      | 1.9                         | 2,986.2                                      | 2,632.4 | 1.7     | 1.7  | 350.5                            |  |
| July                          | 13.4   | 48.4                                | 1,629.8                              | 1,095.7                   | 0.0     | 17.2  | 517.0                      | 1.8                         | 2,993.2                                      | 2,642.2 | 1.6     | 1.3  | 348.1                            |  |
| Aug                           | 13.5   | 33.2                                | 1,670.8                              | 1,141.6                   | 0.0     | 17.7  | 511.5                      | 1.8                         | 2,984.1                                      | 2,641.6 | 1.6     | 1.3  | 339.6                            |  |
| Sep                           | 14.0   | 42.2                                | 1,683.5                              | 1,155.8                   | 0.0     | 18.8  | 508.9                      | 1.8                         | 2,986.2                                      | 2,643.2 | 1.4     | 1.9  | 339.7                            |  |
| Oct                           | 14.1   | 44.1                                | 1,696.3                              | 1,162.1                   | 0.0     | 23.9  | 510.3                      | 1.8                         | 2,973.3                                      | 2,641.5 | 1.5     | 2.2  | 328.1                            |  |
| Nov                           | 13.6   | 52.0                                | 1,708.7                              | 1,171.8                   | 0.0     | 26.0  | 511.0                      | 1.7                         | 2,971.5                                      | 2,641.0 | 1.5     | 2.2  | 326.9                            |  |
| Dec                           | 17.5   | 64.6                                | 1,751.8                              | 1,222.5                   | 0.0     | 25.3  | 504.0                      | 2.3                         | 2,975.7                                      | 2,647.9 | 1.6     | 1.5  | 324.7                            |  |
| 2008 Jan                      | 13.8   | 43.6                                | 1,723.3                              | 1,194.0                   | 0.0     | 29.2  | 500.2                      | 1.9                         | 2,998.5                                      | 2,652.9 | 1.5     | 2.2  | 341.9                            |  |
| Feb                           | 13.2   | 52.1                                | 1,722.2                              | 1,194.4                   | -       | 29.3  | 498.5                      | 1.9                         | 2,993.2                                      | 2,658.6 | 1.3     | 2.1  | 331.1                            |  |
| Mar                           | 13.8   | 69.6                                | 1,716.3                              | 1,189.6                   | -       | 29.7  | 497.0                      | 1.9                         | 3,009.0                                      | 2,666.0 | 1.3     | 2.5  | 339.3                            |  |
| Apr                           | 13.5   | 53.9                                | 1,739.3                              | 1,207.2                   | -       | 31.3  | 500.8                      | 1.9                         | 3,058.8                                      | 2,677.9 | 1.2     | 2.0  | 377.7                            |  |
| May                           | 13.7   | 50.2                                | 1,763.7                              | 1,220.9                   | 0.0     | 33.2  | 509.5                      | 1.9                         | 3,043.7                                      | 2,676.2 | 1.2     | 3.2  | 363.2                            |  |
| June                          | 13.3   | 54.7                                | 1,773.8                              | 1,224.3                   | 0.0     | 37.2  | 512.3                      | 1.9                         | 3,011.5                                      | 2,681.9 | 1.1     | 3.6  | 324.8                            |  |
| July                          | 13.6   | 41.2                                | 1,766.2                              | 1,218.9                   | -       | 37.5  | 509.8                      | 1.9                         | 3,018.8                                      | 2,690.2 | 1.1     | 2.8  | 324.8                            |  |
| Aug                           | 13.6   | 48.2                                | 1,785.7                              | 1,232.3                   | -       | 38.9  | 514.6                      | 1.9                         | 3,045.3                                      | 2,692.1 | 1.1     | 2.9  | 349.3                            |  |
| <b>Changes *</b>              |  |                                     |                                      |                           |         |   |                            |                             |  |         |         |  |                                  |  |
| 1999                          | + 2.2  | + 13.2                              | + 122.1                              | + 66.3                    | + 0.0   | + 12.9  | + 42.8                     | - 0.7                       | + 156.1                                      | + 136.9 | + 2.6   | + 0.4  | + 16.7                           |  |
| 2000                          | - 1.1  | + 5.1                               | + 83.6                               | + 21.7                    | - 0.0   | + 7.6   | + 54.3                     | - 0.3                       | + 100.7                                      | + 83.7  | - 0.5   | - 0.8  | + 19.0                           |  |
| 2001                          | - 1.4  | + 5.5                               | + 34.6                               | + 20.1                    | - 0.0   | - 21.3  | + 35.8                     | - 0.9                       | + 11.9                                       | + 40.8  | - 1.6   | + 1.6  | + 0.3                            |  |
| 2002                          | + 3.3  | - 10.7                              | + 15.0                               | + 33.1                    | + 0.0   | + 2.3   | - 20.3                     | - 0.2                       | - 19.2                                       | - 18.0  | - 0.8   | - 1.1  | + 1.7                            |  |
| 2003                          | - 0.5  | + 1.1                               | - 47.2                               | - 48.2                    | + 0.0   | + 1.0   | + 0.1                      | - 0.3                       | + 0.1  | - 8.0   | - 0.4   | + 0.3  | + 9.3                            |  |
| 2004                          | - 2.1  | - 5.5                               | + 35.9                               | + 15.1                    | + 0.0   | - 1.4   | + 22.1                     | - 0.2                       | + 3.3  | - 35.0  | - 1.0   | + 1.1  | + 39.2                           |  |
| 2005                          | + 0.2  | + 6.7                               | + 8.4                                | + 21.0                    | - 0.0   | - 0.8   | - 11.9                     | - 0.0                       | - 6.7  | - 11.8  | - 0.3   | - 0.2  | + 6.6                            |  |
| 2006                          | + 0.9  | + 1.5                               | - 3.6                                | + 24.5                    | - 0.0   | + 2.6   | - 30.6                     | - 0.2                       | - 12.4                                       | - 20.3  | - 0.5   | - 0.4  | + 8.8                            |  |
| 2007                          | + 1.5  | + 15.2                              | + 114.8                              | + 137.6                   | + 0.0   | + 17.0  | - 39.8                     | + 0.4                       | - 15.9                                       | + 12.1  | - 0.3   | - 0.5  | - 27.2                           |  |
| 2007 Mar                      | + 0.2  | + 5.7                               | + 26.3                               | + 27.8                    | + 0.0   | + 1.4   | - 3.0                      | - 0.1                       | + 4.8  | - 0.5   | - 0.1   | + 0.0  | + 5.3                            |  |
| Apr                           | + 0.9  | - 4.5                               | - 11.0                               | - 10.4                    | + 0.0   | - 0.4   | - 0.3                      | - 0.0                       | + 28.1                                       | - 3.1   | + 0.0   | + 0.6  | + 30.6                           |  |
| May                           | + 0.3  | + 0.7                               | + 8.2                                | + 0.9                     | -       | + 0.6   | + 6.7                      | - 0.0                       | - 22.4                                       | - 5.8   | - 0.0   | - 1.1  | + 15.4                           |  |
| June                          | - 0.5  | - 4.3                               | - 16.1                               | - 6.4                     | - 0.0   | + 3.2   | - 12.9                     | + 0.0                       | - 35.8                                       | + 1.3   | + 0.1   | + 0.4  | - 37.5                           |  |
| July                          | - 0.3  | + 7.1                               | - 20.6                               | - 15.9                    | - 0.0   | + 0.5   | - 5.2                      | - 0.1                       | + 8.1  | + 9.4   | - 0.1   | - 0.4  | - 0.9                            |  |
| Aug                           | + 0.1  | - 15.2                              | + 41.0                               | + 46.0                    | + 0.0   | + 0.5   | - 5.5                      | - 0.0                       | - 9.2  | - 0.7   | - 0.0   | + 0.0  | - 8.5                            |  |
| Sep                           | + 0.5  | + 9.0                               | + 12.7                               | + 14.2                    | -       | + 1.0   | - 2.5                      | - 0.0                       | + 2.2  | + 1.7   | - 0.1   | + 0.6  | + 0.1                            |  |
| Oct                           | + 0.1  | + 1.9                               | + 13.4                               | + 6.3                     | - 0.0   | + 6.1   | + 1.0                      | + 0.0                       | - 4.4  | - 1.7   | + 0.0   | + 0.3  | - 3.1                            |  |
| Nov                           | - 0.5  | + 7.9                               | + 12.4                               | + 9.7                     | - 0.0   | + 2.0   | + 0.7                      | - 0.1                       | - 1.7  | - 0.5   | + 0.0   | - 0.0  | - 1.2                            |  |
| Dec                           | + 3.8  | + 12.7                              | + 43.1                               | + 50.7                    | -       | - 0.6   | - 7.0                      | + 0.6                       | + 3.4  | + 6.1   | + 0.1   | - 0.7  | - 2.1                            |  |
| 2008 Jan                      | - 3.7  | - 21.0                              | - 44.3                               | - 44.4                    | + 0.0   | + 3.8   | - 3.8                      | - 0.8                       | + 22.7                                       | + 5.0   | - 0.1   | + 0.7  | + 17.1                           |  |
| Feb                           | - 0.6  | + 8.5                               | - 1.1                                | + 0.5                     | - 0.0   | + 0.1   | - 1.7                      | - 0.0                       | - 5.3  | + 5.6   | - 0.1   | - 0.0  | - 10.8                           |  |
| Mar                           | + 0.6  | + 17.5                              | - 5.9                                | - 4.8                     | -       | + 0.4   | - 1.5                      | + 0.0                       | + 15.9                                       | + 7.5   | - 0.1   | + 0.3  | + 8.2                            |  |
| Apr                           | - 0.3  | - 15.7                              | + 24.0                               | + 18.7                    | -       | + 1.6   | + 3.7                      | + 0.0                       | + 49.8                                       | + 11.7  | - 0.1   | - 0.2  | + 38.4                           |  |
| May                           | + 0.2  | - 3.6                               | + 24.6                               | + 13.9                    | + 0.0   | + 1.9   | + 8.8                      | - 0.0                       | - 15.1                                       | - 1.7   | - 0.0   | + 1.2  | - 14.5                           |  |
| June                          | - 0.4  | + 4.5                               | + 10.0                               | + 3.3                     | -       | + 4.0   | + 2.7                      | + 0.0                       | - 32.1                                       | + 5.7   | - 0.0   | + 0.4  | - 38.1                           |  |
| July                          | + 0.3  | - 13.6                              | + 7.6                                | + 8.1                     | - 0.0   | + 0.6   | - 1.1                      | - 0.0                       | + 6.8  | + 7.7   | - 0.0   | - 0.8  | - 0.0                            |  |
| Aug                           | + 0.1  | + 7.1                               | + 25.4                               | + 19.3                    | -       | + 1.3   | + 4.8                      | - 0.0                       | + 26.6                                       | + 2.1   | + 0.0   | + 0.1  | + 24.5                           |  |

\* See Table IV.2, footnote\*; statistical breaks have been eliminated from the changes. The figures for the latest date are always to be regarded as provisional. Subsequent revisions which appear in the following Monthly Report, are not specially marked. — 1 Up to December 1998, domestic banknotes and coins. — 2 Up to December 1998, excluding loans to domestic building and loan associations. — 3 Up to December 1998, including fiduciary loans (see also footnote 5). — 4 Up to December 1998, bill-based lending (bill holdings plus endorsement liabilities arising from

rediscounted bills and bills sent for collection from the banks' portfolios prior to maturity). — 5 From 1999, no longer included in loans or deposits (see also footnote 3). — 6 Up to December 1998, including loans to domestic building and loan associations. — 7 Excluding debt securities arising from the exchange of equalisation claims (see also footnote 8). — 8 Including debt securities arising from the exchange of equalisation claims. — 9 Including liabilities arising from registered debt securities, registered money market paper and non-negotiable bearer debt securities;

| Equalisation claims <sup>8</sup> | Memo item Fiduciary loans <sup>5</sup> | Participating interests in domestic banks and enterprises | Deposits of domestic banks (MFIs) <sup>3,9,10</sup> |                                 |                                |                                   |  | Deposits of domestic non-banks (non-MFIs) <sup>3,15</sup> |                                  |                                |                                    |                                  | Period |  |
|----------------------------------|--|---|---|---------------------------------|--------------------------------|-----------------------------------|--|---|----------------------------------|--------------------------------|------------------------------------|----------------------------------|--------|--|
|                                  |  |   | Total   | Sight deposits <sup>11,12</sup> | Time deposits <sup>12,13</sup> | Redis-counted bills <sup>14</sup> | Memo item Fiduciary loans <sup>5</sup> | Total   | Sight de-positions <sup>11</sup> | Time deposits <sup>13,16</sup> | Savings de-positions <sup>17</sup> | Bank savings bonds <sup>18</sup> |        | Memo item Fiduciary loans <sup>5</sup> |
| <b>End of year or month *</b>    |  |   |   |                                 |                                |                                   |  |   |                                  |                                |                                    |                                  |        |  |
| 71.6                             | 102.8                                  | 129.2   | 2,086.9   | 472.5                           | 1,505.2                        | 59.4                              | 49.7                                   | 3,520.3   | 799.5                            | 1,194.1                        | 1,211.0                            | 234.9                            | 80.9   | 1998                                   |
| 37.5                             | 58.0                                   | 75.6  | 1,122.0   | 114.4                           | 1,007.3                        | 0.3                               | 29.8                                   | 1,905.3   | 420.4                            | 759.6                          | 614.7                              | 110.7                            | 42.1   | 1999                                   |
| 33.1                             | 58.5                                   | 82.7  | 1,189.2   | 113.4                           | 1,075.3                        | 0.4                               | 30.1                                   | 1,945.8   | 443.4                            | 819.9                          | 573.5                              | 109.0                            | 42.1   | 2000                                   |
| 4.0                              | 57.0                                   | 95.9  | 1,204.9   | 123.1                           | 1,081.6                        | 0.3                               | 27.2                                   | 2,034.0   | 526.4                            | 827.0                          | 574.5                              | 106.0                            | 43.3   | 2001                                   |
| 3.0                              | 54.8                                   | 119.0   | 1,244.0   | 127.6                           | 1,116.2                        | 0.2                               | 25.6                                   | 2,085.9   | 575.6                            | 830.6                          | 575.3                              | 104.4                            | 42.1   | 2002                                   |
| 2.0                              | 56.8                                   | 109.2   | 1,229.6   | 116.8                           | 1,112.6                        | 0.2                               | 27.8                                   | 2,140.3   | 624.0                            | 825.7                          | 590.3                              | 100.3                            | 40.5   | 2003                                   |
| 1.0                              | 61.8                                   | 99.6  | 1,271.2   | 119.7                           | 1,151.4                        | 0.1                               | 30.3                                   | 2,200.0   | 646.9                            | 851.2                          | 603.5                              | 98.4                             | 43.7   | 2004                                   |
| -                                | 56.6                                   | 108.5   | 1,300.0   | 120.5                           | 1,179.4                        | 0.1                               | 26.5                                   | 2,276.6   | 717.0                            | 864.4                          | 603.4                              | 91.9                             | 42.4   | 2005                                   |
| -                                | 53.0                                   | 106.3   | 1,348.2   | 125.4                           | 1,222.7                        | 0.0                               | 22.3                                   | 2,394.6   | 747.7                            | 962.8                          | 586.5                              | 97.5                             | 37.8   | 2006                                   |
| -                                | 51.1                                   | 109.4   | 1,478.6   | 122.1                           | 1,356.5                        | 0.0                               | 20.0                                   | 2,579.1   | 779.9                            | 1,125.4                        | 555.4                              | 118.4                            | 36.4   | 2007                                   |
| -                                | 52.9                                   | 107.5   | 1,367.4   | 135.9                           | 1,231.4                        | 0.0                               | 21.7                                   | 2,417.2   | 747.5                            | 988.7                          | 578.6                              | 102.5                            | 38.5   | 2007 Mar                               |
| -                                | 54.2                                   | 107.9   | 1,370.2   | 143.6                           | 1,226.6                        | 0.0                               | 21.3                                   | 2,434.0   | 756.1                            | 999.6                          | 574.6                              | 103.7                            | 38.3   | Apr                                    |
| -                                | 53.8                                   | 108.0   | 1,356.0   | 142.1                           | 1,213.9                        | 0.0                               | 21.2                                   | 2,445.1   | 761.0                            | 1,008.9                        | 570.1                              | 105.0                            | 37.6   | May                                    |
| -                                | 53.5                                   | 108.5   | 1,357.0   | 137.8                           | 1,219.2                        | 0.0                               | 21.0                                   | 2,464.9   | 772.5                            | 1,019.0                        | 566.7                              | 106.6                            | 37.5   | June                                   |
| -                                | 52.2                                   | 110.3   | 1,351.2   | 131.5                           | 1,219.7                        | 0.0                               | 20.6                                   | 2,464.7   | 775.2                            | 1,019.2                        | 561.6                              | 108.7                            | 36.6   | July                                   |
| -                                | 52.0                                   | 110.3   | 1,359.0   | 134.5                           | 1,224.5                        | 0.0                               | 20.4                                   | 2,483.3   | 769.5                            | 1,045.6                        | 557.8                              | 110.3                            | 36.4   | Aug                                    |
| -                                | 51.7                                   | 110.3   | 1,380.6   | 135.8                           | 1,244.7                        | 0.0                               | 20.3                                   | 2,510.2   | 782.1                            | 1,061.7                        | 554.8                              | 111.6                            | 36.4   | Sep                                    |
| -                                | 51.7                                   | 108.0   | 1,376.9   | 133.1                           | 1,243.8                        | 0.0                               | 19.8                                   | 2,506.9   | 770.4                            | 1,071.5                        | 551.2                              | 113.8                            | 36.5   | Oct                                    |
| -                                | 51.4                                   | 108.9   | 1,393.0   | 141.6                           | 1,251.4                        | 0.0                               | 19.7                                   | 2,551.3   | 800.8                            | 1,085.7                        | 548.1                              | 116.7                            | 36.4   | Nov                                    |
| -                                | 51.1                                   | 109.4   | 1,478.6   | 122.1                           | 1,356.5                        | 0.0                               | 20.0                                   | 2,579.1   | 779.9                            | 1,125.4                        | 555.4                              | 118.4                            | 36.4   | Dec                                    |
| -                                | 51.9                                   | 110.5   | 1,393.3   | 136.9                           | 1,256.4                        | 0.0                               | 44.0                                   | 2,587.3   | 785.1                            | 1,130.6                        | 550.5                              | 121.1                            | 33.6   | 2008 Jan                               |
| -                                | 51.4                                   | 110.5   | 1,394.9   | 139.2                           | 1,255.7                        | 0.0                               | 43.6                                   | 2,601.7   | 784.9                            | 1,147.5                        | 547.6                              | 121.7                            | 33.6   | Feb                                    |
| -                                | 50.8                                   | 111.9   | 1,432.6   | 142.8                           | 1,289.7                        | 0.0                               | 42.8                                   | 2,601.9   | 786.3                            | 1,150.0                        | 543.8                              | 121.8                            | 33.2   | Mar                                    |
| -                                | 50.4                                   | 111.0   | 1,439.6   | 132.6                           | 1,306.9                        | 0.0                               | 42.7                                   | 2,620.8   | 779.4                            | 1,178.8                        | 539.8                              | 122.8                            | 33.1   | Apr                                    |
| -                                | 50.2                                   | 110.8   | 1,443.2   | 133.5                           | 1,309.6                        | 0.0                               | 42.5                                   | 2,636.4   | 782.6                            | 1,193.5                        | 536.3                              | 124.0                            | 33.1   | May                                    |
| -                                | 49.2                                   | 106.7   | 1,448.6   | 134.8                           | 1,313.8                        | 0.0                               | 41.6                                   | 2,646.4   | 793.1                            | 1,194.4                        | 533.5                              | 125.4                            | 32.9   | June                                   |
| -                                | 49.7                                   | 110.5   | 1,438.6   | 122.5                           | 1,316.1                        | 0.0                               | 41.9                                   | 2,644.7   | 768.2                            | 1,221.5                        | 527.9                              | 127.1                            | 32.5   | July                                   |
| -                                | 49.3                                   | 110.2   | 1,446.4   | 124.6                           | 1,321.8                        | 0.0                               | 42.3                                   | 2,660.4   | 771.9                            | 1,236.7                        | 523.6                              | 128.1                            | 32.5   | Aug                                    |
| <b>Changes *</b>                 |  |   |   |                                 |                                |                                   |  |   |                                  |                                |                                    |                                  |        |  |
| - 0.6                            | + 0.1                                  | + 9.3   | + 69.0  | - 1.8                           | + 81.8                         | - 11.1                            | - 0.4                                  | + 67.3  | + 32.7                           | + 48.4                         | - 4.5                              | - 9.3                            | + 0.7  | 1999                                   |
| - 0.8                            | + 0.5                                  | + 7.1   | + 64.7  | - 2.3                           | + 66.9                         | + 0.1                             | + 0.3                                  | + 41.3  | + 22.3                           | + 61.1                         | - 40.5                             | - 1.7                            | - 0.0  | 2000                                   |
| - 29.1                           | - 1.5                                  | + 13.3  | + 9.6   | + 7.4                           | + 2.3                          | - 0.2                             | - 2.9                                  | + 88.5  | + 82.3                           | + 8.1                          | + 1.1                              | - 2.9                            | + 1.0  | 2001                                   |
| - 1.0                            | + 2.1                                  | + 24.2  | + 37.9  | + 1.7                           | + 36.3                         | - 0.1                             | - 1.5                                  | + 51.7  | + 48.4                           | + 4.1                          | + 0.8                              | - 1.6                            | - 1.1  | 2002                                   |
| - 1.0                            | + 2.1                                  | - 9.8   | - 5.6   | - 9.5                           | + 3.9                          | + 0.0                             | + 2.4                                  | + 54.0  | + 48.4                           | - 4.8                          | + 15.1                             | - 4.8                            | - 1.2  | 2003                                   |
| - 1.1                            | + 3.0                                  | - 9.6   | + 41.3  | + 2.9                           | + 38.5                         | - 0.1                             | + 2.4                                  | + 62.0  | + 24.4                           | + 25.9                         | + 13.1                             | - 1.5                            | + 1.2  | 2004                                   |
| - 1.0                            | - 4.9                                  | + 8.9   | + 28.9  | + 0.8                           | + 28.0                         | + 0.0                             | - 3.5                                  | + 76.6  | + 70.7                           | + 12.4                         | - 1.2                              | - 5.4                            | - 1.2  | 2005                                   |
| -                                | - 3.7                                  | - 2.2   | + 79.0  | + 8.6                           | + 70.5                         | - 0.1                             | - 4.5                                  | + 118.0   | + 30.0                           | + 97.7                         | - 16.8                             | + 7.2                            | - 4.1  | 2006                                   |
| -                                | - 2.3                                  | + 3.1   | + 132.0   | - 3.3                           | + 135.3                        | - 0.0                             | - 2.3                                  | + 181.1   | + 31.6                           | + 160.5                        | - 31.1                             | + 20.1                           | - 2.0  | 2007                                   |
| -                                | - 0.4                                  | + 0.2   | + 28.5  | + 7.9                           | + 20.6                         | - 0.0                             | - 0.2                                  | + 7.4   | + 1.3                            | + 6.2                          | - 1.8                              | + 1.6                            | - 0.3  | 2007 Mar                               |
| -                                | + 1.3                                  | + 0.4   | + 2.9   | + 7.7                           | - 4.8                          | + 0.0                             | - 0.3                                  | + 16.2  | + 8.1                            | + 10.9                         | - 3.9                              | + 1.2                            | - 0.2  | Apr                                    |
| -                                | - 0.3                                  | + 0.1   | - 14.2  | - 1.5                           | - 12.7                         | + 0.0                             | - 0.2                                  | + 11.1  | + 4.9                            | + 9.3                          | - 4.5                              | + 1.4                            | - 0.7  | May                                    |
| -                                | - 0.4                                  | + 0.4   | + 2.5   | - 4.4                           | + 6.8                          | - 0.0                             | - 0.1                                  | + 18.3  | + 11.5                           | + 8.6                          | - 3.5                              | + 1.6                            | - 0.1  | June                                   |
| -                                | - 0.7                                  | + 1.8   | - 5.8   | - 6.3                           | + 0.5                          | - 0.0                             | - 0.4                                  | - 0.8   | + 2.6                            | - 0.3                          | - 5.1                              | + 2.0                            | - 0.4  | July                                   |
| -                                | - 0.3                                  | + 0.0   | + 7.8   | + 3.0                           | + 4.8                          | -                                 | - 0.3                                  | + 18.2  | - 5.7                            | + 26.2                         | - 3.7                              | + 1.4                            | - 0.1  | Aug                                    |
| -                                | - 0.2                                  | + 0.0   | + 21.6  | + 1.4                           | + 20.3                         | -                                 | - 0.1                                  | + 26.9  | + 12.6                           | + 16.1                         | - 3.0                              | + 1.2                            | - 0.1  | Sep                                    |
| -                                | - 0.1                                  | - 2.3   | - 3.7   | - 2.8                           | - 0.9                          | - 0.0                             | - 0.5                                  | - 3.2   | - 11.7                           | + 9.9                          | - 3.6                              | + 2.3                            | + 0.1  | Oct                                    |
| -                                | - 0.2                                  | + 0.9   | + 16.1  | + 8.5                           | + 7.6                          | - 0.0                             | - 0.1                                  | + 44.1  | + 30.4                           | + 14.2                         | - 3.1                              | + 2.6                            | - 0.1  | Nov                                    |
| -                                | - 0.3                                  | + 0.6   | + 85.6  | - 19.5                          | + 105.1                        | -                                 | + 0.3                                  | + 27.9  | - 20.9                           | + 39.7                         | + 7.3                              | + 1.7                            | + 0.1  | Dec                                    |
| -                                | - 0.7                                  | + 1.1   | - 101.0   | + 14.9                          | - 115.9                        | - 0.0                             | - 1.1                                  | + 8.0   | + 5.0                            | + 5.2                          | - 4.9                              | + 2.7                            | - 0.1  | 2008 Jan                               |
| -                                | - 0.5                                  | - 0.0   | + 1.6   | + 2.2                           | - 0.6                          | - 0.0                             | - 0.5                                  | + 14.5  | - 0.1                            | + 16.9                         | - 2.9                              | + 0.6                            | + 0.0  | Feb                                    |
| -                                | - 0.5                                  | + 1.4   | + 37.7  | + 3.7                           | + 34.0                         | -                                 | - 0.7                                  | + 0.4   | + 1.4                            | + 2.7                          | - 3.7                              | + 0.0                            | - 0.4  | Mar                                    |
| -                                | - 0.5                                  | + 0.1   | + 8.0   | - 9.7                           | + 17.8                         | + 0.0                             | - 0.1                                  | + 18.7  | - 7.2                            | + 28.8                         | - 4.1                              | + 1.1                            | - 0.1  | Apr                                    |
| -                                | - 0.2                                  | - 0.1   | + 3.8   | + 1.0                           | + 2.9                          | + 0.0                             | - 0.2                                  | + 15.6  | + 3.1                            | + 14.7                         | - 3.5                              | + 1.2                            | - 0.0  | May                                    |
| -                                | - 1.0                                  | + 0.3   | + 5.5   | + 1.3                           | + 4.2                          | + 0.0                             | - 0.9                                  | + 9.9   | + 10.5                           | + 0.9                          | - 2.9                              | + 1.4                            | - 0.2  | June                                   |
| -                                | + 0.5                                  | + 4.4   | + 3.0   | - 9.7                           | + 12.7                         | - 0.0                             | + 0.3                                  | - 1.7   | - 24.9                           | + 27.1                         | - 5.6                              | + 1.7                            | - 0.5  | July                                   |
| -                                | - 0.4                                  | - 0.3   | + 13.7  | + 2.2                           | + 11.6                         | -                                 | + 0.4                                  | + 15.7  | + 3.8                            | + 15.2                         | - 4.3                              | + 1.0                            | + 0.0  | Aug                                    |

including subordinated liabilities. — **10** Up to December 1998, excluding liabilities to domestic building and loan associations and money market funds. — **11** Up to December 1998, including time deposits with terms of less than one month. — **12** Including liabilities arising from monetary policy operations with the Bundesbank. — **13** Up to December 1998, excluding time deposits with terms of less than one month. — **14** Own acceptances and promissory notes outstanding and, up to December 1998, including

endorsement liabilities arising from rediscounted bills. — **15** Up to December 1998, including liabilities to domestic building and loan associations and money market funds. — **16** Since the inclusion of building and loan associations in January 1999, including deposits under savings and loan contracts (see Table IV.12). — **17** Excluding deposits under savings and loan contracts (see also footnote 16). — **18** Including liabilities arising from non-negotiable bearer debt securities.

IV Banks

4 Assets and liabilities of banks (MFIs) in Germany vis-à-vis non-residents \*

Up to end-1998, DM billion; from 1999, € billion

| Period   | Cash in hand (non-euro-area banknotes and coins) 1 | Lending to foreign banks (MFIs) 2 |                                    |            |                      |   |                            |                             | Lending to foreign non-banks (non-MFIs) 2 |                   |            |                      |  |                                |
|----------|--|-----------------------------------|------------------------------------|------------|----------------------|---|----------------------------|-----------------------------|---|-------------------|------------|----------------------|--|--------------------------------|
|          |  | Total                             | Credit balances and loans, bills 3 |            |                      | Negotiable money market paper issued by banks | Securities issued by banks | Memo item Fiduciary loans 4 | Total                                     | Loans and bills 3 |            |                      | Treasury bills and negotiable money market paper issued by non-banks | Securities issued by non-banks |
|          |  |                                   | Total                              | Short-term | Medium and long-term |   |                            |                             |   | Total             | Short-term | Medium and long-term |  |                                |
|          |  | End of year or month *            |                                    |            |                      |   |                            |                             |   |                   |            |                      |  |                                |
| 1998     | 1.5  | 774.9                             | 706.9                              | 533.6      | 173.3                | 0.4   | 58.7                       | 9.0                         | 610.3                                     | 364.9             | 93.9       | 270.9                | 11.6   | 211.0                          |
| 1999     | 0.4  | 427.1                             | 383.5                              | 279.5      | 104.1                | 0.4   | 43.2                       | 4.2                         | 396.1                                     | 235.8             | 52.7       | 183.1                | 7.5  | 152.7                          |
| 2000     | 0.4  | 507.7                             | 441.4                              | 325.4      | 116.0                | 1.3   | 65.0                       | 3.6                         | 475.8                                     | 286.8             | 71.1       | 215.7                | 6.5  | 182.5                          |
| 2001     | 0.4  | 596.1                             | 521.7                              | 383.7      | 138.0                | 0.8   | 73.6                       | 3.5                         | 570.3                                     | 347.2             | 99.7       | 247.5                | 5.2  | 217.9                          |
| 2002     | 0.3  | 690.6                             | 615.3                              | 468.0      | 147.2                | 0.9   | 74.4                       | 2.7                         | 558.8                                     | 332.6             | 92.6       | 240.0                | 9.3  | 216.9                          |
| 2003     | 0.3  | 769.6                             | 675.8                              | 515.7      | 160.1                | 1.5   | 92.3                       | 1.6                         | 576.3                                     | 344.8             | 110.9      | 233.9                | 6.0  | 225.4                          |
| 2004     | 0.2  | 889.4                             | 760.2                              | 606.5      | 153.7                | 2.8   | 126.3                      | 1.5                         | 629.5                                     | 362.5             | 136.6      | 225.9                | 10.9   | 256.1                          |
| 2005     | 0.2  | 1,038.8                           | 860.0                              | 648.5      | 211.5                | 5.8   | 173.0                      | 1.5                         | 712.0                                     | 387.9             | 132.8      | 255.1                | 9.3  | 314.8                          |
| 2006     | 0.4  | 1,266.9                           | 1,003.2                            | 744.5      | 258.7                | 13.3  | 250.4                      | 0.8                         | 777.0                                     | 421.0             | 156.0      | 264.9                | 7.2  | 348.9                          |
| 2007     | 0.3  | 1,433.5                           | 1,105.9                            | 803.6      | 302.4                | 13.4  | 314.2                      | 0.5                         | 908.3                                     | 492.9             | 197.5      | 295.4                | 27.5   | 387.9                          |
| 2007 Mar | 0.4  | 1,315.7                           | 1,020.2                            | 752.4      | 267.8                | 16.2  | 279.3                      | 0.8                         | 826.5                                     | 448.1             | 181.4      | 266.7                | 7.8  | 370.6                          |
| Apr      | 0.5  | 1,347.6                           | 1,050.3                            | 778.5      | 271.8                | 16.2  | 281.1                      | 0.7                         | 839.7                                     | 457.9             | 192.1      | 265.8                | 7.7  | 374.1                          |
| May      | 0.5  | 1,354.6                           | 1,052.3                            | 776.9      | 275.4                | 16.5  | 285.7                      | 0.7                         | 863.6                                     | 464.6             | 193.0      | 271.6                | 8.8  | 390.2                          |
| June     | 0.5  | 1,392.2                           | 1,077.8                            | 799.8      | 278.0                | 18.6  | 295.8                      | 0.8                         | 872.5                                     | 470.4             | 192.3      | 278.1                | 9.2  | 392.9                          |
| July     | 0.5  | 1,397.0                           | 1,081.9                            | 802.4      | 279.4                | 19.6  | 295.6                      | 0.7                         | 865.3                                     | 463.0             | 184.7      | 278.3                | 6.6  | 395.7                          |
| Aug      | 0.6  | 1,399.5                           | 1,080.7                            | 794.4      | 286.4                | 20.4  | 298.4                      | 0.6                         | 886.0                                     | 481.8             | 195.3      | 286.5                | 12.2   | 391.9                          |
| Sep      | 0.4  | 1,444.2                           | 1,122.4                            | 829.1      | 293.3                | 18.8  | 303.0                      | 0.6                         | 892.6                                     | 488.0             | 200.0      | 288.0                | 14.6   | 390.0                          |
| Oct      | 0.4  | 1,437.2                           | 1,112.6                            | 811.4      | 301.2                | 15.4  | 309.3                      | 0.5                         | 897.8                                     | 486.1             | 196.3      | 289.8                | 22.3   | 389.3                          |
| Nov      | 0.5  | 1,448.2                           | 1,119.1                            | 817.3      | 301.7                | 15.2  | 313.9                      | 0.6                         | 919.6                                     | 503.4             | 212.1      | 291.3                | 27.0   | 389.3                          |
| Dec      | 0.3  | 1,433.5                           | 1,105.9                            | 803.6      | 302.4                | 13.4  | 314.2                      | 0.5                         | 908.3                                     | 492.9             | 197.5      | 295.4                | 27.5   | 387.9                          |
| 2008 Jan | 0.3  | 1,438.2                           | 1,113.1                            | 814.1      | 298.9                | 11.7  | 313.4                      | 2.1                         | 921.4                                     | 513.3             | 215.3      | 298.0                | 24.4   | 383.7                          |
| Feb      | 0.4  | 1,436.6                           | 1,107.9                            | 803.7      | 304.3                | 15.8  | 312.9                      | 2.0                         | 934.3                                     | 526.3             | 225.5      | 300.8                | 25.2   | 382.8                          |
| Mar      | 0.4  | 1,446.0                           | 1,116.7                            | 810.0      | 306.7                | 18.2  | 311.1                      | 2.0                         | 940.1                                     | 527.5             | 226.7      | 300.7                | 19.6   | 393.1                          |
| Apr      | 0.4  | 1,466.2                           | 1,140.2                            | 829.7      | 310.6                | 16.7  | 309.3                      | 2.0                         | 939.4                                     | 535.3             | 226.2      | 309.1                | 17.7   | 386.5                          |
| May      | 0.4  | 1,457.7                           | 1,118.4                            | 805.0      | 313.5                | 21.5  | 317.8                      | 2.1                         | 945.1                                     | 544.8             | 229.9      | 314.8                | 18.5   | 381.8                          |
| June     | 0.5  | 1,453.6                           | 1,108.0                            | 790.9      | 317.1                | 28.3  | 317.2                      | 1.9                         | 929.1                                     | 526.2             | 194.2      | 332.0                | 19.3   | 383.6                          |
| July     | 0.6  | 1,445.9                           | 1,096.0                            | 766.6      | 329.5                | 32.2  | 317.7                      | 1.9                         | 929.5                                     | 533.3             | 196.0      | 337.3                | 18.2   | 378.0                          |
| Aug      | 0.6  | 1,444.5                           | 1,093.5                            | 754.6      | 338.8                | 32.5  | 318.6                      | 2.0                         | 949.7                                     | 554.6             | 203.1      | 351.5                | 17.3   | 377.8                          |
|          |  |                                   |                                    |            |                      |   |                            |                             |   |                   |            |                      |  | Changes *                      |
| 1999     | - 0.3  | + 17.7                            | + 5.7                              | - 5.3      | + 11.0               | + 0.2   | + 11.7                     | - 0.0                       | + 85.8                                    | + 42.8            | + 8.4      | + 34.4               | + 1.3  | + 41.8                         |
| 2000     | - 0.0  | + 78.9                            | + 56.5                             | + 44.6     | + 11.8               | + 0.9   | + 21.6                     | - 0.7                       | + 72.0                                    | + 45.0            | + 17.4     | + 27.7               | - 1.2  | + 28.2                         |
| 2001     | + 0.0  | + 83.7                            | + 75.6                             | + 54.4     | + 21.2               | - 0.5   | + 8.5                      | - 0.2                       | + 88.3                                    | + 53.4            | + 27.0     | + 26.4               | - 1.5  | + 36.3                         |
| 2002     | - 0.1  | + 120.3                           | + 118.0                            | + 99.4     | + 18.6               | + 0.1   | + 2.2                      | - 0.9                       | + 21.2                                    | + 12.7            | - 0.4      | + 13.2               | + 4.6  | + 3.9                          |
| 2003     | - 0.1  | + 103.8                           | + 84.6                             | + 65.2     | + 19.3               | + 0.6   | + 18.7                     | - 0.4                       | + 46.3                                    | + 35.1            | + 24.0     | + 11.0               | - 2.7  | + 13.9                         |
| 2004     | - 0.1  | + 128.3                           | + 89.4                             | + 95.3     | - 5.9                | + 1.3   | + 37.6                     | - 0.1                       | + 65.8                                    | + 29.5            | + 31.7     | - 2.2                | + 5.1  | + 31.1                         |
| 2005     | + 0.0  | + 127.3                           | + 78.9                             | + 26.3     | + 52.6               | + 2.9   | + 45.4                     | - 0.0                       | + 59.4                                    | + 7.3             | - 9.4      | + 16.7               | - 1.8  | + 54.0                         |
| 2006     | + 0.1  | + 238.3                           | + 153.5                            | + 109.7    | + 43.8               | + 7.5   | + 77.2                     | - 0.7                       | + 81.4                                    | + 51.6            | + 25.9     | + 25.8               | - 1.8  | + 31.5                         |
| 2007     | - 0.0  | + 190.3                           | + 123.7                            | + 72.9     | + 50.8               | + 7.5   | + 59.1                     | - 0.4                       | + 167.7                                   | + 94.3            | + 50.1     | + 44.2               | + 20.1   | + 53.3                         |
| 2007 Mar | - 0.0  | + 14.6                            | + 3.9                              | + 2.8      | + 1.1                | + 0.4   | + 10.3                     | - 0.1                       | + 10.0                                    | + 7.2             | + 3.5      | + 3.7                | - 0.2  | + 3.0                          |
| Apr      | + 0.0  | + 36.2                            | + 34.1                             | + 29.1     | + 5.1                | + 0.1   | + 2.0                      | - 0.0                       | + 18.2                                    | + 13.5            | + 11.8     | + 1.7                | - 0.1  | + 4.8                          |
| May      | + 0.1  | + 4.6                             | - 0.4                              | - 2.9      | + 2.6                | + 0.3   | + 4.7                      | + 0.0                       | + 22.2                                    | + 5.4             | + 0.3      | + 5.1                | + 1.1  | + 15.7                         |
| June     | + 0.0  | + 38.1                            | + 25.9                             | + 23.2     | + 2.7                | + 2.1   | + 10.1                     | + 0.0                       | + 9.7                                     | + 7.7             | + 0.9      | + 6.8                | - 1.0  | + 2.9                          |
| July     | - 0.0  | + 3.3                             | + 2.6                              | + 0.9      | + 1.7                | + 1.0   | - 0.3                      | - 0.0                       | - 1.0                                     | - 1.9             | - 3.5      | + 1.6                | - 2.7  | + 3.6                          |
| Aug      | + 0.1  | + 2.5                             | - 1.1                              | - 8.1      | + 7.0                | + 0.8   | + 2.9                      | - 0.1                       | + 17.1                                    | + 15.3            | + 7.1      | + 8.2                | + 5.6  | - 3.9                          |
| Sep      | - 0.2  | + 52.9                            | + 49.4                             | + 40.0     | + 9.4                | - 1.6   | + 5.1                      | - 0.0                       | + 15.5                                    | + 12.5            | + 7.0      | + 5.4                | + 2.7  | + 0.4                          |
| Oct      | + 0.0  | - 0.5                             | - 5.7                              | - 14.8     | + 9.1                | + 4.0   | + 1.2                      | - 0.1                       | + 16.5                                    | + 1.4             | - 2.5      | + 3.9                | + 8.2  | + 6.9                          |
| Nov      | + 0.1  | + 16.2                            | + 11.5                             | + 9.2      | + 2.3                | - 0.1   | + 4.8                      | + 0.0                       | + 27.2                                    | + 21.3            | + 17.4     | + 3.9                | + 4.9  | + 1.0                          |
| Dec      | - 0.1  | - 14.0                            | - 12.6                             | - 13.4     | + 0.8                | - 1.8   | + 0.4                      | - 0.0                       | - 10.7                                    | - 10.1            | - 14.5     | + 4.4                | + 0.6  | - 1.1                          |
| 2008 Jan | - 0.0  | + 6.6                             | + 9.1                              | + 11.9     | - 2.8                | - 1.7   | - 0.7                      | + 0.2                       | + 15.6                                    | + 21.9            | + 18.5     | + 3.4                | - 2.9  | - 3.4                          |
| Feb      | + 0.0  | + 3.5                             | - 0.2                              | - 7.2      | + 7.0                | + 4.1   | - 0.3                      | - 0.0                       | + 17.9                                    | + 16.5            | + 11.6     | + 5.0                | + 1.0  | + 0.3                          |
| Mar      | + 0.1  | + 19.8                            | + 18.7                             | + 12.8     | + 5.8                | + 2.5   | - 1.4                      | - 0.0                       | + 15.8                                    | + 8.7             | + 3.9      | + 4.8                | - 5.1  | + 12.2                         |
| Apr      | - 0.0  | + 17.7                            | + 20.7                             | + 16.9     | + 3.8                | - 1.6   | - 1.4                      | - 0.0                       | - 2.9                                     | + 6.6             | - 0.3      | + 6.8                | - 2.0  | - 7.4                          |
| May      | + 0.1  | - 6.8                             | - 20.0                             | - 25.0     | + 5.0                | + 4.8   | + 8.4                      | + 0.1                       | + 5.4                                     | + 9.2             | + 3.6      | + 5.5                | + 0.8  | - 4.6                          |
| June     | + 0.0  | + 2.8                             | - 3.5                              | - 10.7     | + 7.2                | + 6.8   | - 0.5                      | - 0.1                       | - 12.4                                    | - 14.9            | - 34.8     | + 20.0               | + 0.9  | + 1.5                          |
| July     | + 0.2  | - 9.2                             | - 13.5                             | - 25.2     | + 11.7               | + 3.9   | + 0.4                      | - 0.0                       | - 1.4                                     | + 5.7             | + 1.4      | + 4.3                | - 1.1  | - 6.0                          |
| Aug      | - 0.0  | - 15.6                            | - 16.5                             | - 20.8     | + 4.3                | + 0.2   | + 0.7                      | + 0.1                       | + 7.0                                     | + 11.5            | + 4.7      | + 6.9                | - 1.1  | - 3.4                          |

\* See Table IV.2, footnote\*; statistical breaks have been eliminated from the changes. The figures for the latest date are always to be regarded as provisional. Subsequent revisions, which appear in the following Monthly Report, are not specially marked. — 1 Up to December 1998, foreign

banknotes and coins. — 2 Up to December 1998, including fiduciary loans (see also footnote 4). — 3 Up to December 1998, bill-based lending (bill holdings plus endorsement liabilities arising from rediscounted bills and bills sent for collection from the banks' portfolios prior to maturity). —



| Memo item                     | Participating interests in foreign banks and enterprises 5 | Deposits of foreign banks (MFIs) 2 |                  |  |              |                      |                             | Deposits of foreign non-banks (non-MFIs) 2 |                  |   |              |                      |                             | Period   |
|-------------------------------|--|------------------------------------|------------------|--|--------------|----------------------|-----------------------------|--|------------------|---|--------------|----------------------|-----------------------------|----------|
|                               |  | Total                              | Sight deposits 6 | Time deposits (including bank savings bonds) |              |                      | Memo item Fiduciary loans 4 | Total                                      | Sight deposits 6 | Time deposits (including savings deposits and bank savings bonds) |              |                      | Memo item Fiduciary loans 4 |          |
|                               |  |                                    |                  | Total 7                                      | Short-term 7 | Medium and long-term |                             |  |                  | Total 7   | Short-term 7 | Medium and long-term |                             |          |
| <b>End of year or month *</b> |  |                                    |                  |  |              |                      |                             |  |                  |   |              |                      |                             |          |
| 22.9                          | 62.9   | 875.7                              | 309.5            | 562.5  | 359.1        | 203.4                | 3.7                         | 390.3                                      | 51.3             | 329.6   | 71.8         | 257.8                | 9.5                         | 1998     |
| 13.6                          | 33.9   | 483.6                              | 65.6             | 418.0  | 332.3        | 85.6                 | 2.0                         | 284.4                                      | 23.8             | 260.6   | 64.9         | 195.7                | 5.8                         | 1999     |
| 13.9                          | 47.4   | 586.0                              | 113.7            | 472.2  | 382.9        | 89.3                 | 1.7                         | 314.9                                      | 35.4             | 279.5   | 62.5         | 217.0                | 5.6                         | 2000     |
| 13.8                          | 47.6   | 622.7                              | 91.9             | 530.8  | 434.5        | 96.3                 | 1.4                         | 350.6                                      | 34.0             | 316.6   | 97.6         | 219.0                | 5.3                         | 2001     |
| 15.6                          | 44.8   | 614.2                              | 101.6            | 512.7  | 410.4        | 102.3                | 1.1                         | 319.2                                      | 33.5             | 285.7   | 87.0         | 198.7                | 4.5                         | 2002     |
| 11.6                          | 41.4   | 590.7                              | 95.1             | 495.6  | 387.7        | 107.9                | 0.4                         | 307.3                                      | 32.2             | 275.1   | 102.4        | 172.7                | 3.6                         | 2003     |
| 9.8                           | 39.3   | 603.3                              | 87.0             | 516.2  | 403.2        | 113.0                | 0.5                         | 311.2                                      | 36.6             | 274.7   | 123.4        | 151.2                | 0.8                         | 2004     |
| 10.6                          | 37.2   | 651.7                              | 102.9            | 548.8  | 420.4        | 128.4                | 0.6                         | 316.4                                      | 62.0             | 254.4   | 119.4        | 135.0                | 1.2                         | 2005     |
| 5.8                           | 50.4   | 689.7                              | 168.1            | 521.6  | 397.3        | 124.3                | 0.4                         | 310.1                                      | 82.1             | 228.0   | 111.5        | 116.5                | 1.5                         | 2006     |
| 5.7                           | 48.3   | 738.9                              | 164.7            | 574.1  | 461.2        | 113.0                | 0.2                         | 303.1                                      | 76.0             | 227.1   | 122.3        | 104.8                | 3.1                         | 2007     |
| 5.8                           | 44.3   | 723.0                              | 200.3            | 522.6  | 398.3        | 124.3                | 0.3                         | 312.1                                      | 90.2             | 221.9   | 112.2        | 109.7                | 1.4                         | 2007 Mar |
| 5.7                           | 44.3   | 753.1                              | 200.5            | 552.6  | 429.8        | 122.8                | 0.3                         | 320.6                                      | 91.9             | 228.7   | 118.5        | 110.2                | 3.2                         | Apr      |
| 5.7                           | 44.7   | 757.9                              | 208.0            | 549.9  | 424.0        | 125.9                | 0.3                         | 338.8                                      | 111.1            | 227.8   | 116.9        | 110.8                | 3.2                         | May      |
| 5.8                           | 45.2   | 727.5                              | 210.6            | 516.9  | 390.7        | 126.1                | 0.2                         | 329.5                                      | 107.7            | 221.8   | 111.5        | 110.3                | 3.1                         | June     |
| 5.7                           | 45.2   | 729.0                              | 210.0            | 519.1  | 394.5        | 124.6                | 0.2                         | 314.3                                      | 95.3             | 219.0   | 105.2        | 113.9                | 3.1                         | July     |
| 5.7                           | 45.3   | 755.8                              | 179.5            | 576.3  | 452.1        | 124.2                | 0.2                         | 313.7                                      | 91.6             | 222.1   | 109.5        | 112.6                | 3.1                         | Aug      |
| 5.7                           | 45.5   | 785.5                              | 220.1            | 565.3  | 443.0        | 122.3                | 0.2                         | 313.5                                      | 94.6             | 218.9   | 108.5        | 110.4                | 3.1                         | Sep      |
| 5.8                           | 48.3   | 794.6                              | 207.8            | 586.8  | 466.9        | 119.9                | 0.2                         | 306.3                                      | 90.6             | 215.7   | 106.4        | 109.3                | 3.4                         | Oct      |
| 5.7                           | 48.0   | 766.8                              | 207.0            | 559.8  | 445.8        | 113.9                | 0.2                         | 326.6                                      | 97.5             | 229.1   | 123.1        | 106.0                | 3.2                         | Nov      |
| 5.7                           | 48.3   | 738.9                              | 164.7            | 574.1  | 461.2        | 113.0                | 0.2                         | 303.1                                      | 76.0             | 227.1   | 122.3        | 104.8                | 3.1                         | Dec      |
| 25.0                          | 50.9   | 784.6                              | 205.1            | 579.5  | 465.6        | 113.9                | 0.2                         | 318.5                                      | 100.2            | 218.3   | 115.7        | 102.6                | 3.1                         | 2008 Jan |
| 25.0                          | 50.2   | 787.8                              | 200.4            | 587.4  | 473.8        | 113.6                | 0.2                         | 330.5                                      | 94.1             | 236.4   | 135.7        | 100.7                | 3.0                         | Feb      |
| 24.2                          | 49.8   | 791.6                              | 229.5            | 562.1  | 449.4        | 112.7                | 0.3                         | 327.6                                      | 100.5            | 227.2   | 129.6        | 97.5                 | 2.8                         | Mar      |
| 24.5                          | 49.7   | 830.8                              | 216.1            | 614.7  | 501.7        | 113.1                | 0.3                         | 334.1                                      | 98.2             | 236.0   | 139.0        | 97.0                 | 2.8                         | Apr      |
| 24.4                          | 49.8   | 823.2                              | 230.4            | 592.7  | 481.1        | 111.6                | 0.3                         | 326.0                                      | 94.4             | 231.6   | 131.7        | 99.9                 | 2.8                         | May      |
| 24.4                          | 49.7   | 769.2                              | 230.7            | 538.5  | 431.6        | 106.9                | 0.3                         | 313.9                                      | 101.2            | 212.7   | 114.2        | 98.5                 | 2.7                         | June     |
| 23.7                          | 49.8   | 746.6                              | 198.8            | 547.7  | 439.8        | 107.9                | 0.3                         | 328.7                                      | 100.7            | 228.0   | 130.9        | 97.2                 | 2.6                         | July     |
| 24.4                          | 49.9   | 748.0                              | 171.6            | 576.4  | 465.3        | 111.1                | 0.3                         | 337.6                                      | 103.8            | 233.8   | 136.4        | 97.4                 | 2.6                         | Aug      |
| <b>Changes *</b>              |  |                                    |                  |  |              |                      |                             |  |                  |   |              |                      |                             |          |
| + 1.1                         | + 10.9   | + 37.4                             | - 9.2            | + 46.6                                       | + 47.6       | - 1.0                | - 0.0                       | + 61.0                                     | + 7.2            | + 53.8  | + 15.9       | + 37.9               | + 0.1                       | 1999     |
| - 0.2                         | + 12.8   | + 90.0                             | + 47.0           | + 43.0                                       | + 42.9       | + 0.1                | - 0.4                       | + 24.4                                     | + 11.1           | + 13.3  | - 2.9        | + 16.2               | - 0.8                       | 2000     |
| - 0.5                         | - 0.5  | + 23.5                             | - 23.6           | + 47.0                                       | + 42.4       | + 4.6                | - 0.4                       | + 30.8                                     | - 1.8            | + 32.6  | + 33.3       | - 0.7                | - 0.6                       | 2001     |
| + 1.7                         | + 1.6  | + 22.7                             | + 14.6           | + 8.1  | - 1.3        | + 9.4                | - 0.3                       | + 4.6                                      | + 0.8            | + 3.8   | - 4.6        | + 8.4                | - 0.9                       | 2002     |
| - 0.7                         | - 1.9  | + 5.7                              | - 2.0            | + 7.7  | - 2.4        | + 10.0               | - 0.0                       | + 4.5                                      | + 0.4            | + 4.1   | + 20.6       | - 16.5               | + 1.9                       | 2003     |
| + 0.7                         | - 1.5  | + 19.8                             | - 6.1            | + 25.9                                       | + 21.1       | + 4.8                | + 0.1                       | + 13.0                                     | + 5.4            | + 7.6   | + 22.8       | - 15.2               | - 0.3                       | 2004     |
| + 0.8                         | - 3.5  | + 28.6                             | + 12.6           | + 16.0                                       | + 4.9        | + 11.1               | + 0.1                       | - 4.9                                      | + 23.9           | - 28.8  | - 7.7        | - 21.1               | + 0.4                       | 2005     |
| - 5.1                         | + 13.8   | + 56.2                             | + 68.3           | - 12.1                                       | - 13.7       | + 1.6                | - 0.2                       | - 0.8                                      | + 21.2           | - 22.0  | - 5.1        | - 17.0               | - 0.2                       | 2006     |
| - 0.1                         | - 0.8  | + 67.3                             | + 1.5            | + 65.8                                       | + 74.0       | - 8.3                | - 0.1                       | + 4.6                                      | - 5.5            | + 10.2  | + 16.6       | - 6.4                | + 1.6                       | 2007     |
| + 0.0                         | - 0.2  | + 14.6                             | + 23.0           | - 8.4  | - 7.2        | - 1.2                | - 0.0                       | - 10.8                                     | - 2.9            | - 8.0   | - 5.5        | - 2.4                | - 0.1                       | 2007 Mar |
| - 0.0                         | + 0.2  | + 34.2                             | + 1.2            | + 33.0                                       | + 33.9       | - 0.9                | + 0.0                       | + 10.2                                     | + 2.0            | + 8.2   | + 6.9        | + 1.3                | + 1.8                       | Apr      |
| - 0.0                         | + 0.3  | + 3.0                              | + 7.1            | - 4.1  | - 6.9        | + 2.8                | -                           | + 17.4                                     | + 19.0           | - 1.6   | - 1.8        | + 0.3                | - 0.0                       | May      |
| + 0.0                         | + 0.5  | - 29.8                             | + 2.8            | - 32.6                                       | - 33.0       | + 0.4                | - 0.1                       | - 9.2                                      | - 3.3            | - 5.9   | - 5.4        | - 0.6                | - 0.1                       | June     |
| - 0.0                         | + 0.1  | + 0.3                              | + 0.0            | + 0.3  | + 1.5        | - 1.2                | - 0.0                       | - 10.6                                     | - 12.1           | + 1.5   | - 2.5        | + 4.0                | + 0.0                       | July     |
| -                             | + 0.1  | + 26.6                             | - 30.5           | + 57.1                                       | + 57.5       | - 0.4                | + 0.0                       | - 3.4                                      | - 5.0            | + 1.7   | + 2.9        | - 1.3                | - 0.0                       | Aug      |
| + 0.0                         | + 0.6  | + 36.8                             | + 41.5           | - 4.8  | - 3.8        | - 1.0                | - 0.0                       | + 3.1                                      | + 3.8            | - 0.6   | + 0.1        | - 0.8                | - 0.0                       | Sep      |
| + 0.1                         | + 2.9  | + 12.7                             | - 11.4           | + 24.1                                       | + 26.1       | - 2.0                | + 0.0                       | - 5.8                                      | - 3.7            | - 2.0   | - 1.6        | - 0.5                | + 0.3                       | Oct      |
| - 0.1                         | -  | - 23.6                             | + 0.3            | - 23.9                                       | - 18.7       | - 5.2                | -                           | + 22.4                                     | + 7.3            | + 15.1  | + 17.3       | - 2.2                | - 0.2                       | Nov      |
| + 0.0                         | + 0.3  | - 28.2                             | - 42.3           | + 14.1                                       | + 14.9       | - 0.9                | + 0.0                       | - 23.0                                     | - 21.7           | - 1.2   | - 0.6        | - 0.6                | - 0.1                       | Dec      |
| + 0.1                         | + 2.2  | + 46.6                             | + 40.7           | + 5.9  | + 5.0        | + 1.0                | + 0.0                       | + 16.0                                     | + 24.3           | - 8.3   | - 6.5        | - 1.8                | - 0.0                       | 2008 Jan |
| + 0.0                         | - 0.4  | + 7.4                              | - 3.4            | + 10.7                                       | + 10.7       | + 0.0                | -                           | + 13.9                                     | - 5.7            | + 19.5  | + 20.7       | - 1.2                | - 0.1                       | Feb      |
| - 0.7                         | + 0.7  | + 11.5                             | + 31.0           | - 19.6                                       | - 19.4       | - 0.2                | + 0.0                       | + 0.9                                      | + 7.3            | - 6.4   | - 4.8        | - 1.6                | - 0.2                       | Mar      |
| + 0.2                         | - 0.2  | + 38.2                             | - 14.2           | + 52.4                                       | + 51.3       | + 1.1                | + 0.0                       | + 5.9                                      | - 2.8            | + 8.6   | + 9.6        | - 0.9                | - 0.0                       | Apr      |
| - 0.1                         | + 0.0  | - 3.7                              | + 16.2           | - 19.9                                       | - 20.7       | + 0.8                | + 0.0                       | - 10.3                                     | - 5.7            | - 4.5   | - 7.2        | + 2.7                | - 0.0                       | May      |
| + 0.0                         | + 0.2  | - 48.9                             | + 1.0            | - 49.9                                       | - 47.8       | - 2.1                | + 0.0                       | - 10.8                                     | + 7.0            | - 17.9  | - 17.0       | - 0.9                | - 0.1                       | June     |
| - 0.7                         | - 0.1  | - 23.6                             | - 32.2           | + 8.5  | + 7.6        | + 1.0                | + 0.0                       | + 14.4                                     | - 0.6            | + 15.0  | + 16.6       | - 1.6                | - 0.0                       | July     |
| + 0.7                         | - 0.4  | - 11.2                             | - 29.7           | + 18.5                                       | + 16.1       | + 2.4                | + 0.0                       | + 6.4                                      | + 2.1            | + 4.2   | + 5.4        | - 1.1                | - 0.0                       | Aug      |

4 From 1999, no longer included in loans and deposits (see also footnote 2). — 5 Up to December 1998, including working capital supplied to branches abroad. — 6 Up to December 1998, including time deposits with

terms of less than one month. — 7 Up to December 1998, excluding time deposits with terms of less than one month.

IV Banks

5 Lending by banks (MFIs) in Germany to domestic non-banks (non-MFIs) \*

Up to end-1998, DM billion; from 1999, € billion

| Period                 | Lending to domestic non-banks, total 1,2<br>including negotiable money market paper, securities, equalisation claims   excluding negotiable money market paper, securities, equalisation claims |         | Short-term lending |                                 |                     |                               |                       | Medium and long-term |                |         |           |
|------------------------|---|---------|--------------------|---------------------------------|---------------------|-------------------------------|-----------------------|----------------------|----------------|---------|-----------|
|                        |   |         | Total              | to enterprises and households 1 |                     |                               | to general government |                      |                | Total   | to enter- |
|                        |   |         |                    | Total                           | Loans and bills 3,4 | Negotiable money market paper | Total                 | Loans                | Treasury bills |         |           |
| End of year or month * |   |         |                    |                                 |                     |                               |                       |                      |                |         |           |
| 1998                   | 5,379.8   | 4,775.4 | 704.3              | 661.3                           | 660.8               | 0.5                           | 43.0                  | 38.5                 | 4.5            | 4,675.5 | 3,482.4   |
| 1999                   | 2,904.5   | 2,576.5 | 355.3              | 328.9                           | 328.7               | 0.2                           | 26.4                  | 23.6                 | 2.8            | 2,549.2 | 1,943.6   |
| 2000                   | 3,003.7   | 2,663.7 | 371.2              | 348.2                           | 347.7               | 0.5                           | 22.9                  | 21.2                 | 1.7            | 2,632.5 | 2,038.6   |
| 2001                   | 3,014.1   | 2,704.2 | 387.9              | 356.7                           | 355.2               | 1.5                           | 31.2                  | 28.2                 | 2.9            | 2,626.2 | 2,070.2   |
| 2002                   | 2,997.2   | 2,689.1 | 365.4              | 331.9                           | 331.0               | 1.0                           | 33.5                  | 31.1                 | 2.4            | 2,631.8 | 2,079.7   |
| 2003                   | 2,995.6   | 2,680.6 | 355.2              | 315.0                           | 313.4               | 1.6                           | 40.2                  | 38.4                 | 1.8            | 2,640.4 | 2,096.1   |
| 2004                   | 3,001.3   | 2,646.7 | 320.9              | 283.8                           | 283.0               | 0.8                           | 37.1                  | 35.3                 | 1.8            | 2,680.4 | 2,114.2   |
| 2005                   | 2,995.1   | 2,635.1 | 309.7              | 273.5                           | 272.9               | 0.6                           | 36.2                  | 34.4                 | 1.8            | 2,685.4 | 2,141.3   |
| 2006                   | 3,000.7   | 2,632.2 | 303.1              | 269.8                           | 269.3               | 0.6                           | 33.3                  | 31.9                 | 1.4            | 2,697.6 | 2,181.8   |
| 2007                   | 2,975.7   | 2,649.5 | 331.2              | 301.8                           | 301.5               | 0.3                           | 29.4                  | 28.2                 | 1.2            | 2,644.6 | 2,168.3   |
| 2007 Mar               | 3,016.1   | 2,640.4 | 324.2              | 291.8                           | 291.1               | 0.6                           | 32.4                  | 31.3                 | 1.2            | 2,691.9 | 2,179.7   |
| Apr                    | 3,043.3   | 2,637.5 | 327.9              | 291.1                           | 290.1               | 1.0                           | 36.8                  | 35.4                 | 1.4            | 2,715.4 | 2,205.0   |
| May                    | 3,021.0   | 2,631.6 | 319.3              | 284.2                           | 283.3               | 0.9                           | 35.1                  | 34.7                 | 0.4            | 2,701.6 | 2,189.7   |
| June                   | 2,986.2   | 2,634.1 | 321.7              | 293.5                           | 292.7               | 0.8                           | 28.2                  | 27.3                 | 0.9            | 2,664.6 | 2,159.1   |
| July                   | 2,993.2   | 2,643.8 | 331.2              | 295.7                           | 294.9               | 0.8                           | 35.5                  | 35.0                 | 0.5            | 2,662.0 | 2,158.9   |
| Aug                    | 2,984.1   | 2,643.2 | 321.9              | 292.0                           | 291.4               | 0.7                           | 29.9                  | 29.3                 | 0.6            | 2,662.2 | 2,165.0   |
| Sep                    | 2,986.2   | 2,644.7 | 328.8              | 300.2                           | 299.8               | 0.4                           | 28.5                  | 27.1                 | 1.4            | 2,657.5 | 2,164.8   |
| Oct                    | 2,973.3   | 2,643.0 | 334.5              | 301.9                           | 301.4               | 0.6                           | 32.5                  | 30.9                 | 1.6            | 2,638.8 | 2,156.7   |
| Nov                    | 2,971.5   | 2,642.5 | 329.1              | 296.7                           | 296.1               | 0.6                           | 32.4                  | 30.8                 | 1.6            | 2,642.4 | 2,161.6   |
| Dec                    | 2,975.7   | 2,649.5 | 331.2              | 301.8                           | 301.5               | 0.3                           | 29.4                  | 28.2                 | 1.2            | 2,644.6 | 2,168.3   |
| 2008 Jan               | 2,998.5   | 2,654.4 | 341.7              | 310.0                           | 309.1               | 0.9                           | 31.8                  | 30.5                 | 1.3            | 2,656.7 | 2,188.9   |
| Feb                    | 2,993.2   | 2,659.9 | 348.3              | 317.6                           | 316.7               | 0.9                           | 30.7                  | 29.4                 | 1.2            | 2,644.9 | 2,173.1   |
| Mar                    | 3,009.0   | 2,667.3 | 359.5              | 329.7                           | 328.8               | 0.8                           | 29.8                  | 28.2                 | 1.6            | 2,649.5 | 2,177.1   |
| Apr                    | 3,058.8   | 2,679.1 | 366.6              | 332.5                           | 331.7               | 0.8                           | 34.1                  | 32.8                 | 1.2            | 2,692.3 | 2,212.7   |
| May                    | 3,043.7   | 2,677.4 | 363.1              | 332.6                           | 331.5               | 1.1                           | 30.5                  | 28.4                 | 2.1            | 2,680.7 | 2,201.4   |
| June                   | 3,011.5   | 2,683.0 | 371.0              | 338.9                           | 337.8               | 1.1                           | 32.1                  | 29.6                 | 2.5            | 2,640.5 | 2,178.7   |
| July                   | 3,018.8   | 2,691.2 | 374.4              | 340.5                           | 339.9               | 0.6                           | 34.0                  | 31.8                 | 2.1            | 2,644.3 | 2,184.7   |
| Aug                    | 3,045.3   | 2,693.2 | 369.9              | 335.0                           | 334.3               | 0.7                           | 34.9                  | 32.8                 | 2.1            | 2,675.4 | 2,218.7   |
| Changes *              |   |         |                    |                                 |                     |                               |                       |                      |                |         |           |
| 1999                   | + 156.1   | + 139.5 | + 9.6              | + 6.3                           | + 6.4               | - 0.0                         | + 3.3                 | + 2.9                | + 0.4          | + 146.4 | + 146.4   |
| 2000                   | + 100.7   | + 83.2  | + 14.5             | + 18.1                          | + 17.8              | + 0.3                         | - 3.6                 | - 2.5                | - 1.1          | + 86.1  | + 93.8    |
| 2001                   | + 11.9  | + 39.2  | + 15.3             | + 7.0                           | + 5.9               | + 1.0                         | + 8.4                 | + 7.8                | + 0.6          | - 3.4   | + 32.0    |
| 2002                   | - 19.2  | - 18.8  | - 23.4             | - 25.7                          | - 25.2              | - 0.5                         | + 2.3                 | + 2.9                | - 0.6          | + 4.3   | + 7.6     |
| 2003                   | + 0.1   | - 8.4   | - 10.0             | - 16.7                          | - 17.5              | + 0.9                         | + 6.7                 | + 7.3                | - 0.6          | + 10.1  | + 16.0    |
| 2004                   | + 3.3   | - 36.0  | - 31.7             | - 30.5                          | - 29.7              | - 0.8                         | - 1.2                 | - 3.2                | + 1.9          | + 35.0  | + 15.6    |
| 2005                   | - 6.7   | - 12.1  | - 11.5             | - 10.6                          | - 10.4              | - 0.2                         | - 0.9                 | - 0.9                | + 0.0          | + 4.8   | + 26.8    |
| 2006                   | - 12.4  | - 20.8  | - 7.1              | - 4.5                           | - 4.4               | - 0.0                         | - 2.7                 | - 2.3                | - 0.4          | + 5.2   | + 23.6    |
| 2007                   | - 15.9  | + 11.8  | + 27.6             | + 31.5                          | + 31.7              | - 0.2                         | - 3.9                 | - 3.7                | - 0.3          | - 43.5  | - 7.1     |
| 2007 Mar               | + 4.8   | - 0.5   | + 7.9              | + 7.6                           | + 8.0               | - 0.3                         | + 0.2                 | - 0.2                | + 0.4          | - 3.0   | + 0.9     |
| Apr                    | + 28.1  | - 3.1   | + 3.7              | - 0.7                           | - 1.1               | + 0.4                         | + 4.4                 | + 4.1                | + 0.2          | + 24.4  | + 26.1    |
| May                    | - 22.4  | - 5.9   | - 8.6              | - 6.8                           | - 6.8               | - 0.1                         | - 1.7                 | - 0.7                | - 1.0          | - 13.8  | - 15.2    |
| June                   | - 35.8  | + 1.3   | + 1.5              | + 8.4                           | + 8.5               | - 0.2                         | - 6.9                 | - 7.4                | + 0.5          | - 37.3  | - 30.8    |
| July                   | + 8.1   | + 9.4   | + 9.9              | + 2.7                           | + 2.6               | + 0.0                         | + 7.2                 | + 7.7                | - 0.4          | - 1.9   | + 0.5     |
| Aug                    | - 9.2   | - 0.7   | - 9.3              | - 3.7                           | - 3.6               | - 0.1                         | - 5.6                 | - 5.7                | + 0.1          | + 0.1   | + 6.1     |
| Sep                    | + 2.2   | + 1.5   | + 6.8              | + 8.2                           | + 8.4               | - 0.2                         | - 1.4                 | - 2.2                | + 0.8          | - 4.7   | - 0.2     |
| Oct                    | - 4.4   | - 1.7   | + 5.7              | + 1.7                           | + 1.6               | + 0.1                         | + 4.0                 | + 3.8                | + 0.2          | - 10.2  | - 2.7     |
| Nov                    | - 1.7   | - 0.5   | - 5.4              | - 5.3                           | - 5.2               | - 0.0                         | - 0.1                 | - 0.1                | - 0.0          | + 3.6   | + 4.9     |
| Dec                    | + 3.4   | + 6.2   | + 2.1              | + 5.1                           | + 5.4               | - 0.2                         | - 3.1                 | - 2.6                | - 0.4          | + 1.4   | + 5.9     |
| 2008 Jan               | + 22.7  | + 4.9   | + 10.6             | + 8.2                           | + 7.6               | + 0.5                         | + 2.4                 | + 2.3                | + 0.1          | + 12.2  | + 20.5    |
| Feb                    | - 5.3   | + 5.5   | + 6.8              | + 7.9                           | + 7.9               | + 0.1                         | - 1.1                 | - 1.0                | - 0.1          | - 12.1  | - 16.0    |
| Mar                    | + 15.9  | + 7.4   | + 11.2             | + 12.0                          | + 12.2              | - 0.1                         | - 0.8                 | - 1.2                | + 0.4          | + 4.6   | + 4.0     |
| Apr                    | + 49.8  | + 11.6  | + 7.3              | + 2.8                           | + 2.8               | - 0.0                         | + 4.4                 | + 4.6                | - 0.2          | + 42.5  | + 35.6    |
| May                    | - 15.1  | - 1.8   | - 3.6              | + 0.1                           | - 0.2               | + 0.3                         | - 3.6                 | - 4.5                | + 0.8          | - 11.5  | - 11.3    |
| June                   | - 32.1  | + 5.6   | + 7.9              | + 6.2                           | + 6.3               | - 0.1                         | + 1.7                 | + 1.2                | + 0.4          | - 40.0  | - 22.6    |
| July                   | + 6.8   | + 7.7   | + 3.4              | + 1.6                           | + 2.0               | - 0.4                         | + 1.8                 | + 2.2                | - 0.4          | + 3.4   | + 5.6     |
| Aug                    | + 26.6  | + 2.1   | - 4.6              | - 5.5                           | - 5.6               | + 0.1                         | + 0.9                 | + 0.9                | - 0.0          | + 31.2  | + 34.1    |

\* See Table IV.2, footnote\*; statistical breaks have been eliminated from the changes. The figures for the latest date are always to be regarded as provisional. Subsequent revisions, which appear in the following Monthly Report, are not specially marked. — 1 Up to December 1998, including loans to domestic building and loan associations. — 2 Up to December 1998,

including fiduciary loans (see also footnote 9). — 3 Up to December 1998, bill-based lending (bill holdings plus endorsement liabilities arising from rediscounted bills and bills sent for collection from the banks' portfolios prior to maturity). — 4 From 1999, including small amounts of medium-term series of bills. — 5 From 1999, breakdown of securities by medium

| lending 2,5               |                   |                 |              |                                   |                         |        |                   |                 |                     |                                |                                      |          | Period |
|---------------------------|-------------------|-----------------|--------------|-----------------------------------|-------------------------|--------|-------------------|-----------------|---------------------|--------------------------------|--------------------------------------|----------|--------|
| prises and households 1,2 |                   |                 |              |                                   | to general government 2 |        |                   |                 |                     |                                |                                      |          |        |
| Loans                     |                   |                 | Securities 5 | Memo item<br>Fiduciary<br>loans 8 | Total                   | Loans  |                   |                 | Secur-<br>ities 5,9 | Equal-<br>isation<br>claims 10 | Memo<br>item<br>Fiduciary<br>loans 8 | Total    |        |
| Total                     | Medium-<br>term 6 | Long-<br>term 7 |              |                                   |                         | Total  | Medium-<br>term 6 | Long-<br>term 7 |                     |                                |                                      |          |        |
| End of year or month *    |                   |                 |              |                                   |                         |        |                   |                 |                     |                                |                                      |          |        |
| 3,104.5                   | 206.8             | 2,897.8         | 292.4        | 85.4                              | 1,193.2                 | 868.8  | 33.1              | 835.7           | 235.4               | 71.6                           | 17.3                                 | 1998     |        |
| 1,764.8                   | 182.5             | 1,582.3         | 178.9        | 49.2                              | 605.6                   | 459.5  | 30.9              | 428.6           | 108.6               | 37.5                           | 8.7                                  | 1999     |        |
| 1,838.9                   | 192.8             | 1,646.0         | 199.7        | 50.1                              | 593.9                   | 455.9  | 30.4              | 425.5           | 104.9               | 33.1                           | 8.4                                  | 2000     |        |
| 1,880.5                   | 191.1             | 1,689.4         | 189.7        | 48.9                              | 556.0                   | 440.3  | 25.6              | 414.6           | 111.8               | 4.0                            | 8.0                                  | 2001     |        |
| 1,909.8                   | 193.5             | 1,716.3         | 169.9        | 47.3                              | 552.1                   | 417.1  | 27.4              | 389.7           | 132.0               | 3.0                            | 7.5                                  | 2002     |        |
| 1,927.7                   | 195.0             | 1,732.8         | 168.3        | 49.9                              | 544.3                   | 401.0  | 34.6              | 366.4           | 141.3               | 2.0                            | 7.0                                  | 2003     |        |
| 1,940.8                   | 194.3             | 1,746.5         | 173.5        | 55.3                              | 566.1                   | 387.7  | 32.9              | 354.8           | 177.5               | 1.0                            | 6.5                                  | 2004     |        |
| 1,953.4                   | 194.7             | 1,758.8         | 187.9        | 52.1                              | 544.1                   | 374.4  | 32.9              | 341.4           | 169.7               | –                              | 4.5                                  | 2005     |        |
| 1,972.7                   | 194.5             | 1,778.1         | 209.1        | 48.2                              | 515.8                   | 358.4  | 31.7              | 326.6           | 157.4               | –                              | 4.8                                  | 2006     |        |
| 1,987.3                   | 207.7             | 1,779.6         | 181.1        | 46.5                              | 476.2                   | 332.5  | 31.9              | 300.6           | 143.7               | –                              | 4.7                                  | 2007     |        |
| 1,970.1                   | 196.5             | 1,773.6         | 209.6        | 48.2                              | 512.2                   | 347.9  | 31.4              | 316.5           | 164.4               | –                              | 4.7                                  | 2007 Mar |        |
| 1,966.8                   | 195.7             | 1,771.1         | 238.1        | 49.5                              | 510.5                   | 345.2  | 31.6              | 313.6           | 165.3               | –                              | 4.7                                  | Apr      |        |
| 1,969.8                   | 199.1             | 1,770.7         | 219.9        | 49.2                              | 511.9                   | 343.8  | 32.2              | 311.6           | 168.1               | –                              | 4.7                                  | May      |        |
| 1,969.0                   | 198.8             | 1,770.3         | 190.1        | 48.8                              | 505.4                   | 345.0  | 33.9              | 311.1           | 160.4               | –                              | 4.6                                  | June     |        |
| 1,970.9                   | 199.0             | 1,772.0         | 188.0        | 47.6                              | 503.1                   | 343.0  | 33.3              | 309.7           | 160.1               | –                              | 4.6                                  | July     |        |
| 1,980.2                   | 202.7             | 1,777.5         | 184.8        | 47.4                              | 497.1                   | 342.3  | 33.9              | 308.4           | 154.8               | –                              | 4.6                                  | Aug      |        |
| 1,978.7                   | 203.2             | 1,775.5         | 186.1        | 47.2                              | 492.7                   | 339.1  | 33.3              | 305.7           | 153.6               | –                              | 4.6                                  | Sep      |        |
| 1,977.0                   | 200.5             | 1,776.5         | 179.7        | 47.1                              | 482.1                   | 333.7  | 32.0              | 301.6           | 148.4               | –                              | 4.6                                  | Oct      |        |
| 1,983.5                   | 203.1             | 1,780.4         | 178.1        | 46.9                              | 480.8                   | 332.0  | 32.0              | 300.0           | 148.7               | –                              | 4.6                                  | Nov      |        |
| 1,987.3                   | 207.7             | 1,779.6         | 181.1        | 46.5                              | 476.2                   | 332.5  | 31.9              | 300.6           | 143.7               | –                              | 4.7                                  | Dec      |        |
| 1,988.3                   | 209.5             | 1,778.8         | 200.6        | 47.4                              | 467.9                   | 326.6  | 31.5              | 295.1           | 141.3               | –                              | 4.5                                  | 2008 Jan |        |
| 1,989.8                   | 210.5             | 1,779.4         | 183.3        | 46.9                              | 471.8                   | 324.0  | 32.9              | 291.1           | 147.8               | –                              | 4.5                                  | Feb      |        |
| 1,987.5                   | 211.5             | 1,776.1         | 189.6        | 46.3                              | 472.4                   | 322.7  | 33.6              | 289.1           | 149.7               | –                              | 4.5                                  | Mar      |        |
| 1,991.6                   | 211.9             | 1,779.7         | 221.1        | 45.9                              | 479.6                   | 323.0  | 34.0              | 289.0           | 156.6               | –                              | 4.5                                  | Apr      |        |
| 1,995.2                   | 212.1             | 1,783.2         | 206.2        | 45.7                              | 479.3                   | 322.3  | 33.5              | 288.8           | 157.0               | –                              | 4.5                                  | May      |        |
| 1,995.9                   | 213.3             | 1,782.6         | 182.8        | 44.7                              | 461.8                   | 319.8  | 32.4              | 287.3           | 142.0               | –                              | 4.5                                  | June     |        |
| 2,001.8                   | 213.3             | 1,788.4         | 182.9        | 45.2                              | 459.7                   | 317.8  | 32.1              | 285.7           | 141.9               | –                              | 4.5                                  | July     |        |
| 2,009.9                   | 215.6             | 1,794.3         | 208.8        | 44.9                              | 456.7                   | 316.2  | 31.7              | 284.6           | 140.5               | –                              | 4.4                                  | Aug      |        |
| Changes *                 |                   |                 |              |                                   |                         |        |                   |                 |                     |                                |                                      |          |        |
| + 121.8                   | + 25.1            | + 96.8          | + 24.6       | + 0.3                             | + 0.0                   | + 8.5  | + 6.2             | + 2.3           | – 7.8               | – 0.6                          | – 0.1                                | 1999     |        |
| + 71.8                    | + 6.9             | + 64.9          | + 22.1       | + 0.8                             | – 7.7                   | – 3.8  | – 0.4             | – 3.5           | – 3.1               | – 0.8                          | – 0.3                                | 2000     |        |
| + 41.9                    | – 2.8             | + 44.7          | – 9.8        | – 1.2                             | – 35.4                  | – 16.5 | – 5.5             | – 10.9          | + 10.1              | – 29.1                         | – 0.4                                | 2001     |        |
| + 26.6                    | – 2.1             | + 28.7          | – 19.0       | – 1.6                             | – 3.4                   | – 23.1 | + 1.0             | – 24.1          | + 20.7              | – 1.0                          | – 0.5                                | 2002     |        |
| + 17.9                    | + 0.2             | + 17.8          | – 1.9        | + 2.6                             | – 5.9                   | – 16.1 | + 4.9             | – 21.0          | + 11.2              | – 1.0                          | – 0.5                                | 2003     |        |
| + 10.7                    | + 0.2             | + 10.5          | + 4.9        | + 3.6                             | + 19.4                  | – 13.8 | – 0.9             | – 12.9          | + 34.3              | – 1.1                          | – 0.6                                | 2004     |        |
| + 12.5                    | + 1.7             | + 10.8          | + 14.3       | – 3.0                             | – 22.1                  | – 13.4 | + 0.9             | – 14.2          | – 7.7               | – 1.0                          | – 2.0                                | 2005     |        |
| + 2.3                     | + 0.2             | + 2.2           | + 21.2       | – 3.9                             | – 28.8                  | – 16.4 | – 1.4             | – 15.0          | – 12.4              | –                              | + 0.3                                | 2006     |        |
| + 9.6                     | + 10.1            | – 0.6           | – 16.7       | – 2.2                             | – 36.3                  | – 25.8 | + 0.1             | – 26.0          | – 10.5              | –                              | – 0.1                                | 2007     |        |
| – 2.9                     | – 0.5             | – 2.4           | + 3.8        | – 0.3                             | – 3.9                   | – 5.4  | – 0.1             | – 5.3           | + 1.5               | –                              | – 0.0                                | 2007 Mar |        |
| – 3.5                     | – 0.8             | – 2.7           | + 29.6       | + 1.3                             | – 1.7                   | – 2.7  | + 0.1             | – 2.8           | + 1.0               | –                              | + 0.0                                | Apr      |        |
| + 3.0                     | + 3.4             | – 0.5           | – 18.2       | – 0.3                             | + 1.4                   | – 1.4  | + 0.7             | – 2.0           | + 2.8               | –                              | – 0.0                                | May      |        |
| – 1.0                     | – 0.6             | – 0.4           | – 29.9       | – 0.4                             | – 6.4                   | + 1.2  | + 1.7             | – 0.5           | – 7.7               | –                              | – 0.0                                | June     |        |
| + 1.1                     | + 0.2             | + 0.9           | – 0.6        | – 0.7                             | – 2.3                   | – 2.0  | – 0.6             | – 1.4           | – 0.3               | –                              | – 0.0                                | July     |        |
| + 9.3                     | + 3.8             | + 5.5           | – 3.2        | – 0.2                             | – 6.0                   | – 0.7  | + 0.6             | – 1.3           | – 5.3               | –                              | – 0.0                                | Aug      |        |
| – 1.5                     | + 0.5             | – 2.0           | + 1.3        | – 0.2                             | – 4.4                   | – 3.3  | – 0.6             | – 2.7           | – 1.2               | –                              | + 0.0                                | Sep      |        |
| – 1.7                     | – 2.7             | + 1.0           | – 1.0        | – 0.1                             | – 7.4                   | – 5.4  | – 1.3             | – 4.1           | – 2.0               | –                              | + 0.0                                | Oct      |        |
| + 6.5                     | + 3.1             | + 3.4           | – 1.5        | – 0.2                             | – 1.3                   | – 1.6  | – 0.0             | – 1.6           | + 0.3               | –                              | – 0.0                                | Nov      |        |
| + 3.0                     | + 4.5             | – 1.5           | + 2.9        | – 0.4                             | – 4.6                   | + 0.5  | – 0.1             | + 0.6           | – 5.1               | –                              | + 0.1                                | Dec      |        |
| + 1.0                     | + 1.8             | – 0.9           | + 19.5       | – 0.6                             | – 8.4                   | – 5.9  | – 0.4             | – 5.6           | – 2.4               | –                              | – 0.1                                | 2008 Jan |        |
| + 1.3                     | + 0.7             | + 0.6           | – 17.3       | – 0.5                             | + 3.9                   | – 2.6  | + 1.4             | – 4.1           | + 6.6               | –                              | + 0.0                                | Feb      |        |
| – 2.3                     | + 1.0             | – 3.3           | + 6.3        | – 0.5                             | + 0.7                   | – 1.2  | + 0.7             | – 1.9           | + 1.9               | –                              | – 0.0                                | Mar      |        |
| + 4.0                     | + 0.4             | + 3.6           | + 31.6       | – 0.5                             | + 7.0                   | + 0.1  | + 0.2             | – 0.1           | + 6.9               | –                              | + 0.0                                | Apr      |        |
| + 3.7                     | + 0.2             | + 3.5           | – 14.9       | – 0.2                             | – 0.2                   | – 0.7  | – 0.5             | – 0.2           | + 0.5               | –                              | – 0.0                                | May      |        |
| + 0.6                     | + 1.2             | – 0.6           | – 23.3       | – 1.0                             | – 17.4                  | – 2.5  | – 1.0             | – 1.5           | – 14.8              | –                              | – 0.0                                | June     |        |
| + 5.5                     | – 0.2             | + 5.7           | + 0.1        | + 0.5                             | – 2.2                   | – 2.0  | – 0.4             | – 1.7           | – 0.1               | –                              | – 0.0                                | July     |        |
| + 8.3                     | + 2.4             | + 5.8           | + 25.9       | – 0.3                             | – 2.9                   | – 1.5  | – 0.4             | – 1.1           | – 1.4               | –                              | – 0.0                                | Aug      |        |

and long-term lending no longer possible. — 6 Up to December 1998, maturity or period of notice of more than one year to less than four years; from 1999, more than one year up to and including five years. — 7 Up to December 1998, maturity or period of notice of four years and more; from

1999, of more than five years. — 8 From 1999, no longer included in lending (see also footnote 2). — 9 Excluding debt securities arising from the exchange of equalisation claims (see also footnote 10). — 10 Including debt securities arising from the exchange of equalisation claims.

IV Banks

6 Lending by banks (MFIs) in Germany to domestic enterprises and households, housing loans, sectors of economic activity \*

€ billion

| Lending to domestic enterprises and households (excluding holdings of negotiable money market paper and excluding securities portfolios) 1 |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
|--|----------|-----------------------|---------------|---|---------------------|--|------------------------|---------------|---|--------------|------------------------------|-----------------------------------|--------------------------------------|--|
| Period   | of which |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
|  | Total    | Mortgage loans, total | Housing loans |   |                     | Lending to enterprises and self-employed persons |                        |               |   |              |                              |                                   |                                      |  |
|  |          |                       | Total         | Mortgage loans secured by residential real estate | Other housing loans | Total  | of which Housing loans | Manufacturing | Electricity, gas and water supply, mining 2 | Construction | Wholesale and retail trade 3 | Agriculture, forestry and fishing | Transport, storage and communication | Financing institutions (excluding MFIs) and insurance corporations |
| Lending, total   |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| End of year or quarter *   |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| 2005   | 2,226.6  | 1,154.5               | 1,093.3       | 895.9   | 197.4               | 1,199.7  | 311.3                  | 130.6         | 37.2  | 49.4         | 134.1                        | 31.6                              | 57.8                                 | 74.0   |
| 2006   | 2,242.2  | 1,177.5               | 1,114.7       | 921.2   | 193.5               | 1,204.2  | 316.1                  | 133.0         | 39.3  | 47.2         | 131.4                        | 32.4                              | 60.9                                 | 76.0   |
| 2007 June  | 2,262.0  | 1,172.6               | 1,106.6       | 917.4   | 189.2               | 1,230.7  | 311.4                  | 141.2         | 39.6  | 48.0         | 130.6                        | 33.2                              | 62.5                                 | 100.6  |
| Sep  | 2,278.8  | 1,172.1               | 1,105.7       | 917.6   | 188.2               | 1,246.4  | 309.5                  | 141.5         | 40.0  | 47.9         | 131.9                        | 33.6                              | 63.3                                 | 106.9  |
| Dec  | 2,289.0  | 1,166.7               | 1,101.3       | 914.4   | 186.8               | 1,259.7  | 306.2                  | 145.4         | 41.3  | 47.0         | 135.7                        | 33.2                              | 65.4                                 | 101.4  |
| 2008 Mar   | 2,316.5  | 1,158.3               | 1,095.0       | 908.0   | 187.0               | 1,293.1  | 303.5                  | 152.9         | 41.7  | 47.9         | 134.4                        | 33.5                              | 65.8                                 | 126.3  |
| June   | 2,333.8  | 1,160.3               | 1,096.0       | 910.3   | 185.7               | 1,309.3  | 304.4                  | 158.2         | 43.0  | 47.6         | 134.5                        | 34.2                              | 68.5                                 | 129.7  |
| Short-term lending   |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| 2005   | 273.2    | -                     | 11.2          | -   | 11.2                | 230.0  | 6.7                    | 38.8          | 3.2   | 9.7          | 49.2                         | 3.3                               | 6.1                                  | 32.8   |
| 2006   | 269.6    | -                     | 10.5          | -   | 10.5                | 228.6  | 6.3                    | 39.6          | 3.1   | 8.8          | 48.6                         | 3.2                               | 5.5                                  | 35.0   |
| 2007 June  | 292.9    | -                     | 9.6           | -   | 9.6                 | 252.5  | 5.0                    | 45.3          | 3.1   | 9.7          | 46.9                         | 3.8                               | 6.1                                  | 55.2   |
| Sep  | 300.0    | -                     | 9.0           | -   | 9.0                 | 260.4  | 4.9                    | 44.4          | 3.6   | 9.3          | 48.6                         | 3.8                               | 6.3                                  | 59.4   |
| Dec  | 301.7    | -                     | 8.6           | -   | 8.6                 | 261.6  | 4.6                    | 46.2          | 4.4   | 8.5          | 52.0                         | 3.1                               | 7.2                                  | 52.1   |
| 2008 Mar   | 329.0    | -                     | 8.6           | -   | 8.6                 | 289.8  | 4.6                    | 51.1          | 4.4   | 9.5          | 50.9                         | 3.3                               | 6.7                                  | 75.4   |
| June   | 338.0    | -                     | 8.6           | -   | 8.6                 | 299.0  | 4.8                    | 54.9          | 4.8   | 9.3          | 50.6                         | 3.8                               | 7.9                                  | 77.2   |
| Medium-term lending  |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| 2005   | 194.6    | -                     | 35.7          | -   | 35.7                | 122.5  | 10.7                   | 15.6          | 2.1   | 5.2          | 11.4                         | 3.0                               | 10.6                                 | 10.8   |
| 2006   | 194.5    | -                     | 34.4          | -   | 34.4                | 124.6  | 10.5                   | 18.5          | 2.2   | 5.1          | 11.4                         | 2.9                               | 10.6                                 | 11.7   |
| 2007 June  | 198.8    | -                     | 33.1          | -   | 33.1                | 131.2  | 10.6                   | 20.3          | 2.1   | 5.3          | 12.4                         | 2.9                               | 11.1                                 | 15.6   |
| Sep  | 203.2    | -                     | 32.5          | -   | 32.5                | 135.8  | 10.3                   | 21.1          | 2.2   | 5.5          | 12.7                         | 3.0                               | 11.8                                 | 16.9   |
| Dec  | 207.7    | -                     | 32.2          | -   | 32.2                | 141.5  | 10.4                   | 22.3          | 2.2   | 5.6          | 13.1                         | 2.9                               | 12.5                                 | 17.4   |
| 2008 Mar   | 211.5    | -                     | 31.4          | -   | 31.4                | 147.0  | 10.3                   | 24.1          | 2.0   | 5.6          | 13.2                         | 2.9                               | 12.7                                 | 18.9   |
| June   | 213.3    | -                     | 31.2          | -   | 31.2                | 148.7  | 10.5                   | 24.1          | 1.9   | 5.7          | 13.5                         | 3.0                               | 12.8                                 | 18.9   |
| Long-term lending  |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| 2005   | 1,758.8  | 1,154.5               | 1,046.3       | 895.9   | 150.4               | 847.2  | 293.9                  | 76.2          | 31.8  | 34.5         | 73.5                         | 25.2                              | 41.1                                 | 30.4   |
| 2006   | 1,778.1  | 1,177.5               | 1,069.8       | 921.2   | 148.6               | 850.9  | 299.3                  | 74.9          | 34.0  | 33.3         | 71.4                         | 26.4                              | 44.7                                 | 29.3   |
| 2007 June  | 1,770.3  | 1,172.6               | 1,063.9       | 917.4   | 146.5               | 847.0  | 295.8                  | 75.5          | 34.3  | 33.0         | 71.3                         | 26.4                              | 45.3                                 | 29.9   |
| Sep  | 1,775.5  | 1,172.1               | 1,064.2       | 917.6   | 146.6               | 850.2  | 294.3                  | 76.0          | 34.2  | 33.0         | 70.6                         | 26.8                              | 45.2                                 | 30.6   |
| Dec  | 1,779.6  | 1,166.7               | 1,060.5       | 914.4   | 146.0               | 856.5  | 291.2                  | 76.9          | 34.7  | 33.0         | 70.6                         | 27.2                              | 45.7                                 | 31.9   |
| 2008 Mar   | 1,776.1  | 1,158.3               | 1,055.1       | 908.0   | 147.1               | 856.2  | 288.6                  | 77.6          | 35.3  | 32.8         | 70.3                         | 27.2                              | 46.4                                 | 32.1   |
| June   | 1,782.6  | 1,160.3               | 1,056.2       | 910.3   | 146.0               | 861.6  | 289.1                  | 79.2          | 36.3  | 32.6         | 70.3                         | 27.5                              | 47.8                                 | 33.6   |
| Lending, total   |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| Change during quarter *  |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| 2007 Q2  | - 0.8    | - 5.8                 | - 3.0         | - 2.9   | - 0.0               | + 0.4  | - 1.8                  | + 2.5         | + 0.0                                       | + 0.3        | + 2.0                        | + 0.7                             | + 1.2                                | - 3.0  |
| Q3   | + 16.4   | - 2.0                 | - 0.1         | - 0.4   | + 0.3               | + 16.0   | - 0.9                  | + 0.3         | + 0.9                                       | - 0.1        | + 1.3                        | + 0.4                             | + 0.8                                | + 5.7  |
| Q4   | + 9.4    | - 4.6                 | - 2.9         | - 2.3   | - 0.6               | + 12.5   | - 1.8                  | + 3.9         | + 1.3                                       | - 1.0        | + 3.6                        | - 0.5                             | + 2.1                                | - 5.6  |
| 2008 Q1  | + 27.6   | - 6.6                 | - 6.2         | - 5.2   | - 1.1               | + 33.3   | - 2.6                  | + 7.5         | + 0.4                                       | + 0.9        | - 1.0                        | + 0.3                             | + 0.4                                | + 24.7   |
| Q2   | + 17.3   | + 0.4                 | + 1.1         | + 1.0   | + 0.1               | + 16.2   | + 0.9                  | + 5.3         | + 1.3                                       | - 0.2        | + 0.0                        | + 0.8                             | + 2.7                                | + 3.3  |
| Short-term lending   |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| 2007 Q2  | + 0.7    | -                     | - 0.0         | -   | - 0.0               | + 0.1  | - 0.1                  | + 2.8         | - 0.4                                       | + 0.2        | + 0.7                        | + 0.5                             | + 0.5                                | - 4.3  |
| Q3   | + 7.5    | -                     | - 0.2         | -   | - 0.2               | + 7.9  | - 0.1                  | + 1.0         | + 0.5                                       | - 0.3        | + 1.7                        | - 0.1                             | + 0.2                                | + 4.2  |
| Q4   | + 1.6    | -                     | - 0.4         | -   | - 0.4               | + 1.2  | - 0.3                  | + 1.8         | + 0.8                                       | - 0.9        | + 3.4                        | - 0.6                             | + 1.0                                | - 7.3  |
| 2008 Q1  | + 27.6   | -                     | - 0.1         | -   | - 0.1               | + 28.5   | + 0.0                  | + 4.9         | - 0.0                                       | + 1.0        | - 0.8                        | + 0.2                             | - 0.5                                | + 23.3   |
| Q2   | + 8.9    | -                     | + 0.1         | -   | + 0.1               | + 9.1  | + 0.1                  | + 3.7         | + 0.4                                       | - 0.2        | - 0.3                        | + 0.4                             | + 1.1                                | + 1.8  |
| Medium-term lending  |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| 2007 Q2  | + 2.1    | -                     | - 0.2         | -   | - 0.2               | + 2.8  | + 0.3                  | - 0.1         | + 0.0                                       | + 0.2        | + 1.1                        | + 0.0                             | + 0.6                                | + 0.8  |
| Q3   | + 4.5    | -                     | - 0.6         | -   | - 0.6               | + 4.6  | - 0.4                  | + 0.8         | + 0.1                                       | + 0.2        | + 0.3                        | + 0.1                             | + 0.7                                | + 1.4  |
| Q4   | + 4.9    | -                     | - 0.2         | -   | - 0.2               | + 6.2  | + 0.4                  | + 1.2         | + 0.0                                       | + 0.1        | + 0.4                        | - 0.1                             | + 0.7                                | + 0.5  |
| 2008 Q1  | + 3.5    | -                     | - 0.8         | -   | - 0.8               | + 5.2  | - 0.1                  | + 1.8         | - 0.2                                       | + 0.0        | + 0.1                        | + 0.0                             | + 0.2                                | + 1.2  |
| Q2   | + 1.8    | -                     | - 0.2         | -   | - 0.2               | + 1.7  | + 0.3                  | - 0.0         | - 0.1                                       | + 0.1        | + 0.3                        | + 0.0                             | + 0.2                                | - 0.0  |
| Long-term lending  |          |                       |               |   |                     |  |                        |               |   |              |                              |                                   |                                      |  |
| 2007 Q2  | - 3.5    | - 5.8                 | - 2.7         | - 2.9   | + 0.2               | - 2.5  | - 2.0                  | - 0.1         | + 0.4                                       | - 0.0        | + 0.2                        | + 0.2                             | + 0.2                                | + 0.6  |
| Q3   | + 4.5    | - 2.0                 | + 0.7         | - 0.4   | + 1.1               | + 3.5  | - 0.4                  | + 0.5         | + 0.4                                       | + 0.0        | - 0.7                        | + 0.4                             | - 0.1                                | + 0.2  |
| Q4   | + 2.9    | - 4.6                 | - 2.3         | - 2.3   | - 0.0               | + 5.0  | - 1.9                  | + 0.9         | + 0.5                                       | - 0.2        | - 0.1                        | + 0.2                             | + 0.4                                | + 1.2  |
| 2008 Q1  | - 3.6    | - 6.6                 | - 5.4         | - 5.2   | - 0.2               | - 0.4  | - 2.5                  | + 0.7         | + 0.6                                       | - 0.2        | - 0.2                        | + 0.0                             | + 0.7                                | + 0.2  |
| Q2   | + 6.5    | + 0.4                 | + 1.2         | + 1.0   | + 0.2               | + 5.4  | + 0.5                  | + 1.6         | + 1.0                                       | - 0.1        | - 0.0                        | + 0.3                             | + 1.4                                | + 1.5  |

\* Excluding lending by foreign branches. Breakdown of lending by building and loan associations by areas and sectors estimated. Statistical alterations have been eliminated from the changes. The figures for the latest date are

always to be regarded as provisional; subsequent alterations, which will appear in the following Monthly Report, are not specially marked. —

## IV Banks

|   |                     |                   |                               |   |                              |         |               |               |                               |   | Lending to employees and other individuals |                        | Lending to non-profit institutions |  | Period |
|---|---------------------|-------------------|-------------------------------|---|------------------------------|---------|---------------|---------------|-------------------------------|---|--|------------------------|------------------------------------|--|--------|
| Services sector (including the professions) |                     |                   |                               | Memo items                                    |                              | Total   | Housing loans | Other lending |                               |   | Total                                      | of which Housing loans |                                    |  |        |
| Total                                       | of which            |                   |                               | Lending to self-employed persons <sup>4</sup> | Lending to craft enterprises |         |               | Total         | Instalment loans <sup>5</sup> | Debit balances on wage, salary and pension accounts |  |                        |                                    |  |        |
|   | Housing enterprises | Holding companies | Other real estate enterprises |   |                              |         |               |               |                               |   |  |                        |                                    |  |        |
| <b>End of year or quarter *</b>             |                     |                   |                               |   |                              |         |               |               |                               |   |  |                        | <b>Lending, total</b>              |  |        |
| 685.0                                       | 160.3               | 40.6              | 199.3                         | 407.5   | 60.6                         | 1,012.9 | 778.9         | 234.0         | 130.1                         | 18.8  | 14.1                                       | 3.1                    | 2005                               |  |        |
| 684.0                                       | 164.2               | 39.5              | 197.0                         | 396.6   | 60.2                         | 1,023.4 | 795.0         | 228.4         | 130.6                         | 17.6  | 14.7                                       | 3.7                    | 2006                               |  |        |
| 675.1                                       | 162.4               | 41.6              | 193.4                         | 390.5   | 59.9                         | 1,017.0 | 791.6         | 225.4         | 129.6                         | 17.6  | 14.3                                       | 3.6                    | 2007 June                          |  |        |
| 681.4                                       | 163.2               | 45.0              | 194.1                         | 388.1   | 59.5                         | 1,018.2 | 792.6         | 225.5         | 130.9                         | 17.2  | 14.2                                       | 3.6                    | Sep                                |  |        |
| 690.3                                       | 165.0               | 46.2              | 197.5                         | 386.6   | 58.2                         | 1,015.2 | 791.6         | 223.7         | 129.3                         | 17.2  | 14.0                                       | 3.5                    | Dec                                |  |        |
| 690.5                                       | 165.5               | 47.4              | 195.9                         | 384.2   | 58.6                         | 1,009.6 | 788.1         | 221.6         | 128.9                         | 17.0  | 13.9                                       | 3.5                    | 2008 Mar                           |  |        |
| 693.5                                       | 166.1               | 48.5              | 197.2                         | 383.9   | 58.9                         | 1,010.8 | 788.1         | 222.6         | 130.6                         | 17.1  | 13.8                                       | 3.5                    | June                               |  |        |
|   |                     |                   |                               |   |                              |         |               |               |                               |   |  |                        | Short-term lending                 |  |        |
| 86.9  | 14.1                | 10.3              | 23.9                          | 40.1  | 10.6                         | 41.8    | 4.5           | 37.3          | 2.6                           | 18.8  | 1.4  | 0.0                    | 2005                               |  |        |
| 84.9  | 13.9                | 10.1              | 22.1                          | 36.7  | 10.0                         | 39.8    | 4.2           | 35.6          | 2.8                           | 17.6  | 1.2  | 0.0                    | 2006                               |  |        |
| 82.4  | 12.5                | 11.0              | 22.0                          | 36.2  | 10.3                         | 39.5    | 4.6           | 35.0          | 2.6                           | 17.6  | 0.9  | 0.0                    | 2007 June                          |  |        |
| 85.0  | 12.7                | 13.1              | 21.6                          | 35.3  | 10.0                         | 38.8    | 4.1           | 34.8          | 2.6                           | 17.2  | 0.8  | 0.0                    | Sep                                |  |        |
| 88.0  | 13.0                | 13.0              | 23.3                          | 35.7  | 9.4                          | 39.2    | 4.0           | 35.2          | 2.5                           | 17.2  | 0.8  | 0.0                    | Dec                                |  |        |
| 88.4  | 13.1                | 14.3              | 22.3                          | 35.5  | 10.1                         | 38.3    | 3.9           | 34.4          | 2.5                           | 17.0  | 0.9  | 0.0                    | 2008 Mar                           |  |        |
| 90.5  | 13.5                | 15.4              | 22.5                          | 35.3  | 10.2                         | 38.2    | 3.9           | 34.4          | 2.5                           | 17.1  | 0.8  | 0.0                    | June                               |  |        |
|   |                     |                   |                               |   |                              |         |               |               |                               |   |  |                        | Medium-term lending                |  |        |
| 63.7  | 7.3                 | 6.5               | 15.9                          | 29.8  | 3.8                          | 71.5    | 25.0          | 46.5          | 37.2                          | -   | 0.7  | 0.1                    | 2005                               |  |        |
| 62.3  | 6.9                 | 5.9               | 15.8                          | 27.7  | 3.8                          | 69.3    | 23.9          | 45.4          | 37.0                          | -   | 0.6  | 0.1                    | 2006                               |  |        |
| 61.5  | 6.5                 | 6.8               | 16.0                          | 27.4  | 3.8                          | 66.9    | 22.5          | 44.4          | 36.8                          | -   | 0.7  | 0.0                    | 2007 June                          |  |        |
| 62.7  | 7.0                 | 6.8               | 16.6                          | 27.5  | 3.8                          | 66.8    | 22.2          | 44.6          | 36.9                          | -   | 0.6  | 0.0                    | Sep                                |  |        |
| 65.7  | 7.4                 | 7.5               | 17.7                          | 27.4  | 3.7                          | 65.4    | 21.7          | 43.6          | 35.8                          | -   | 0.7  | 0.0                    | Dec                                |  |        |
| 67.7  | 7.9                 | 7.5               | 18.6                          | 27.0  | 3.7                          | 63.8    | 21.0          | 42.7          | 34.8                          | -   | 0.7  | 0.0                    | 2008 Mar                           |  |        |
| 68.8  | 8.4                 | 7.8               | 19.3                          | 27.1  | 3.8                          | 63.9    | 20.6          | 43.3          | 35.5                          | -   | 0.6  | 0.0                    | June                               |  |        |
|   |                     |                   |                               |   |                              |         |               |               |                               |   |  |                        | Long-term lending                  |  |        |
| 534.4                                       | 138.9               | 23.8              | 159.6                         | 337.6   | 46.2                         | 899.6   | 749.4         | 150.2         | 90.3                          | -   | 12.0                                       | 3.1                    | 2005                               |  |        |
| 536.9                                       | 143.4               | 23.4              | 159.1                         | 332.1   | 46.5                         | 914.3   | 766.8         | 147.4         | 90.8                          | -   | 12.9                                       | 3.6                    | 2006                               |  |        |
| 531.2                                       | 143.4               | 23.8              | 155.4                         | 326.9   | 45.8                         | 910.5   | 764.6         | 146.0         | 90.3                          | -   | 12.7                                       | 3.6                    | 2007 June                          |  |        |
| 533.7                                       | 143.5               | 25.1              | 155.9                         | 325.2   | 45.7                         | 912.6   | 766.3         | 146.2         | 91.4                          | -   | 12.7                                       | 3.6                    | Sep                                |  |        |
| 536.6                                       | 144.7               | 25.7              | 156.5                         | 323.5   | 45.1                         | 910.6   | 765.8         | 144.8         | 90.9                          | -   | 12.5                                       | 3.4                    | Dec                                |  |        |
| 534.4                                       | 144.5               | 25.6              | 155.0                         | 321.8   | 44.8                         | 907.5   | 763.1         | 144.4         | 91.6                          | -   | 12.3                                       | 3.4                    | 2008 Mar                           |  |        |
| 534.2                                       | 144.3               | 25.2              | 155.3                         | 321.5   | 44.9                         | 908.6   | 763.7         | 144.9         | 92.7                          | -   | 12.4                                       | 3.4                    | June                               |  |        |
| <b>Change during quarter *</b>              |                     |                   |                               |   |                              |         |               |               |                               |   |  |                        | <b>Lending, total</b>              |  |        |
| - 3.4                                       | - 0.5               | + 1.2             | - 2.0                         | - 2.1   | + 0.1                        | - 0.9   | - 1.0         | + 0.1         | + 0.3                         | + 0.7   | - 0.3                                      | - 0.1                  | 2007 Q2                            |  |        |
| + 6.7                                       | + 0.8               | + 3.0             | + 0.5                         | - 1.7   | - 0.5                        | + 0.5   | + 0.8         | - 0.3         | + 1.2                         | - 0.4   | - 0.1                                      | - 0.0                  | Q3                                 |  |        |
| + 8.7                                       | + 1.5               | + 1.1             | + 3.6                         | - 1.5   | - 1.2                        | - 2.9   | - 0.9         | - 2.0         | - 1.6                         | - 0.0   | - 0.1                                      | - 0.1                  | Q4                                 |  |        |
| + 0.2                                       | + 0.4               | + 1.2             | - 1.5                         | - 2.4   | + 0.4                        | - 5.6   | - 3.6         | - 2.0         | - 0.4                         | - 0.2   | - 0.2                                      | - 0.0                  | 2008 Q1                            |  |        |
| + 3.0                                       | + 0.7               | + 1.0             | + 1.3                         | - 0.3   | + 0.3                        | + 1.2   | + 0.2         | + 1.0         | + 1.7                         | + 0.1   | - 0.1                                      | + 0.0                  | Q2                                 |  |        |
|   |                     |                   |                               |   |                              |         |               |               |                               |   |  |                        | Short-term lending                 |  |        |
| + 0.2                                       | - 0.0               | + 0.9             | - 0.1                         | - 0.0   | - 0.0                        | + 0.7   | + 0.1         | + 0.6         | - 0.0                         | + 0.7   | - 0.1                                      | - 0.0                  | 2007 Q2                            |  |        |
| + 2.6                                       | + 0.2               | + 2.1             | - 0.4                         | - 0.9   | - 0.3                        | - 0.3   | - 0.1         | - 0.2         | + 0.0                         | - 0.4   | - 0.1                                      | + 0.0                  | Q3                                 |  |        |
| + 3.0                                       | + 0.3               | - 0.1             | + 1.7                         | + 0.3   | - 0.6                        | + 0.4   | - 0.1         | + 0.5         | - 0.0                         | - 0.0   | - 0.0                                      | + 0.0                  | Q4                                 |  |        |
| + 0.4                                       | + 0.1               | + 1.3             | - 1.0                         | - 0.2   | + 0.7                        | - 0.9   | - 0.1         | - 0.8         | - 0.0                         | - 0.2   | + 0.0                                      | -                      | 2008 Q1                            |  |        |
| + 2.1                                       | + 0.4               | + 1.1             | + 0.2                         | - 0.1   | + 0.0                        | - 0.1   | - 0.1         | - 0.0         | - 0.0                         | + 0.1   | - 0.1                                      | -                      | Q2                                 |  |        |
|   |                     |                   |                               |   |                              |         |               |               |                               |   |  |                        | Medium-term lending                |  |        |
| + 0.2                                       | - 0.0               | + 0.5             | + 0.3                         | - 0.1   | + 0.0                        | - 0.8   | - 0.6         | - 0.2         | - 0.1                         | -   | + 0.0                                      | - 0.0                  | 2007 Q2                            |  |        |
| + 1.2                                       | + 0.6               | + 0.0             | + 0.6                         | + 0.1   | - 0.0                        | - 0.1   | - 0.3         | + 0.1         | + 0.1                         | -   | - 0.0                                      | - 0.0                  | Q3                                 |  |        |
| + 3.5                                       | + 0.6               | + 0.7             | + 1.2                         | - 0.0   | - 0.1                        | - 1.5   | - 0.6         | - 0.9         | - 1.1                         | -   | + 0.1                                      | + 0.0                  | Q4                                 |  |        |
| + 2.0                                       | + 0.5               | - 0.0             | + 0.9                         | - 0.4   | - 0.0                        | - 1.6   | - 0.7         | - 0.9         | - 1.0                         | -   | - 0.1                                      | - 0.0                  | 2008 Q1                            |  |        |
| + 1.2                                       | + 0.5               | + 0.4             | + 0.8                         | + 0.1   | + 0.1                        | + 0.2   | - 0.4         | + 0.6         | + 0.7                         | -   | - 0.0                                      | - 0.0                  | Q2                                 |  |        |
|   |                     |                   |                               |   |                              |         |               |               |                               |   |  |                        | Long-term lending                  |  |        |
| - 3.9                                       | - 0.4               | - 0.1             | - 2.3                         | - 2.0   | + 0.1                        | - 0.8   | - 0.6         | - 0.2         | + 0.4                         | -   | - 0.2                                      | - 0.1                  | 2007 Q2                            |  |        |
| + 2.8                                       | + 0.1               | + 0.8             | + 0.4                         | - 0.9   | - 0.2                        | + 1.0   | + 1.1         | - 0.2         | + 1.1                         | -   | + 0.0                                      | - 0.0                  | Q3                                 |  |        |
| + 2.2                                       | + 0.7               | + 0.5             | + 0.6                         | - 1.8   | - 0.5                        | - 1.9   | - 0.3         | - 1.6         | + 0.5                         | -   | - 0.3                                      | - 0.1                  | Q4                                 |  |        |
| - 2.2                                       | - 0.3               | - 0.0             | - 1.4                         | - 1.8   | - 0.3                        | - 3.1   | - 2.8         | - 0.2         | + 0.6                         | -   | - 0.1                                      | - 0.0                  | 2008 Q1                            |  |        |
| - 0.2                                       | - 0.2               | - 0.4             | + 0.3                         | + 0.1   | + 0.1                        | + 1.1   | + 0.7         | + 0.4         | + 1.1                         | -   | + 0.0                                      | + 0.0                  | Q2                                 |  |        |

1 Excluding fiduciary loans. — 2 Including quarrying. — 3 Including the maintenance and repair of motor vehicles and durable consumer goods. —

4 Including sole proprietors. — 5 Excluding mortgage loans and housing loans, even in the form of instalment credit.

**IV Banks**
**7 Deposits of domestic non-banks (non-MFIs) at banks (MFIs) in Germany \***

€ billion

| Period                           | Deposits, total | Sight deposits | Time deposits 1,2 |                                |                        |                                 |                 | Savings deposits 3 | Bank savings bonds 4 | Memo item   |   |                       |
|----------------------------------|-----------------|----------------|-------------------|--------------------------------|------------------------|---------------------------------|-----------------|--------------------|----------------------|---|---|-----------------------|
|                                  |                 |                | Total             | for up to and including 1 year | for more than 1 year 2 |                                 | Fiduciary loans |                    |                      | Subordinated liabilities (excluding negotiable debt securities) | Included in time deposits: liabilities arising from repos |                       |
|                                  |                 |                |                   |                                | Total                  | for up to and including 2 years |                 |                    |                      |   |   | for more than 2 years |
| <b>Domestic non-banks, total</b> |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   |                       |
| <b>End of year or month *</b>    |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   |                       |
| 2005                             | 2,276.6         | 717.0          | 864.4             | 231.3                          | 633.1                  | 8.2                             | 624.9           | 603.4              | 91.9                 | 42.4  | 31.6  | 12.6                  |
| 2006                             | 2,394.6         | 747.7          | 962.8             | 289.5                          | 673.3                  | 11.7                            | 661.6           | 586.5              | 97.5                 | 37.8  | 30.4  | 11.2                  |
| 2007                             | 2,579.1         | 779.9          | 1,125.4           | 418.9                          | 706.5                  | 22.8                            | 683.7           | 555.4              | 118.4                | 36.4  | 35.0  | 22.6                  |
| 2007 Sep                         | 2,510.2         | 782.1          | 1,061.7           | 364.6                          | 697.1                  | 17.0                            | 680.0           | 554.8              | 111.6                | 36.4  | 34.2  | 29.3                  |
| Oct                              | 2,506.9         | 770.4          | 1,071.5           | 375.7                          | 695.8                  | 17.7                            | 678.1           | 551.2              | 113.8                | 36.5  | 34.1  | 30.1                  |
| Nov                              | 2,551.3         | 800.8          | 1,085.7           | 387.0                          | 698.7                  | 19.8                            | 678.8           | 548.1              | 116.7                | 36.4  | 35.0  | 34.5                  |
| Dec                              | 2,579.1         | 779.9          | 1,125.4           | 418.9                          | 706.5                  | 22.8                            | 683.7           | 555.4              | 118.4                | 36.4  | 35.0  | 22.6                  |
| 2008 Jan                         | 2,587.3         | 785.1          | 1,130.6           | 420.3                          | 710.3                  | 24.0                            | 686.3           | 550.5              | 121.1                | 33.6  | 34.9  | 36.1                  |
| Feb                              | 2,601.7         | 784.9          | 1,147.5           | 434.5                          | 713.0                  | 25.0                            | 688.0           | 547.6              | 121.7                | 33.6  | 35.0  | 38.9                  |
| Mar                              | 2,601.9         | 786.3          | 1,150.0           | 435.8                          | 714.2                  | 26.1                            | 688.1           | 543.8              | 121.8                | 33.2  | 35.0  | 39.9                  |
| Apr                              | 2,620.8         | 779.4          | 1,178.8           | 462.5                          | 716.3                  | 26.5                            | 689.8           | 539.8              | 122.8                | 33.1  | 35.6  | 50.1                  |
| May                              | 2,636.4         | 782.6          | 1,193.5           | 476.5                          | 717.0                  | 27.0                            | 690.0           | 536.3              | 124.0                | 33.1  | 35.4  | 49.2                  |
| June                             | 2,646.4         | 793.1          | 1,194.4           | 475.9                          | 718.5                  | 28.4                            | 690.1           | 533.5              | 125.4                | 32.9  | 35.6  | 57.1                  |
| July                             | 2,644.7         | 768.2          | 1,221.5           | 501.6                          | 719.9                  | 29.6                            | 690.4           | 527.9              | 127.1                | 32.5  | 35.7  | 52.6                  |
| Aug                              | 2,660.4         | 771.9          | 1,236.7           | 515.4                          | 721.3                  | 30.8                            | 690.5           | 523.6              | 128.1                | 32.5  | 35.7  | 55.1                  |
| <b>Changes *</b>                 |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   |                       |
| 2006                             | + 118.0         | + 30.0         | + 97.7            | + 57.5                         | + 40.2                 | + 3.5                           | + 36.6          | - 16.8             | + 7.2                | - 4.1   | + 0.1   | - 2.2                 |
| 2007                             | + 181.1         | + 31.6         | + 160.5           | + 127.5                        | + 33.0                 | + 11.0                          | + 22.0          | - 31.1             | + 20.1               | - 2.0   | + 3.3   | + 9.9                 |
| 2007 Sep                         | + 26.9          | + 12.6         | + 16.1            | + 11.5                         | + 4.6                  | + 0.6                           | + 4.0           | - 3.0              | + 1.2                | - 0.1   | + 0.9   | + 5.4                 |
| Oct                              | - 3.2           | - 11.7         | + 9.9             | + 11.1                         | - 1.2                  | + 0.7                           | - 1.9           | - 3.6              | + 2.3                | + 0.1   | - 0.1   | + 0.8                 |
| Nov                              | + 44.1          | + 30.4         | + 14.2            | + 11.0                         | + 3.2                  | + 2.1                           | + 1.0           | - 3.1              | + 2.6                | + 0.1   | + 0.6   | + 4.4                 |
| Dec                              | + 27.9          | - 20.9         | + 39.7            | + 31.9                         | + 7.8                  | + 2.9                           | + 4.9           | + 7.3              | + 1.7                | + 0.1   | + 0.0   | - 11.9                |
| 2008 Jan                         | + 8.0           | + 5.0          | + 5.2             | + 1.4                          | + 3.8                  | + 1.3                           | + 2.5           | - 4.9              | + 2.7                | - 0.1   | - 0.1   | + 13.5                |
| Feb                              | + 14.5          | - 0.1          | + 16.9            | + 14.2                         | + 2.8                  | + 1.0                           | + 1.8           | - 2.9              | + 0.6                | + 0.0   | + 0.0   | + 2.9                 |
| Mar                              | + 0.4           | + 1.4          | + 2.7             | + 1.3                          | + 1.3                  | + 1.1                           | + 0.2           | - 3.7              | + 0.0                | - 0.4   | + 0.0   | + 0.9                 |
| Apr                              | + 18.7          | - 7.2          | + 28.8            | + 26.7                         | + 2.1                  | + 0.5                           | + 1.7           | - 4.1              | + 1.1                | - 0.1   | + 0.6   | + 10.2                |
| May                              | + 15.6          | + 3.1          | + 14.7            | + 14.0                         | + 0.7                  | + 0.4                           | + 0.3           | - 3.5              | + 1.2                | - 0.0   | - 0.2   | - 0.8                 |
| June                             | + 9.9           | + 10.5         | + 0.9             | - 0.7                          | + 1.6                  | + 1.4                           | + 0.1           | - 2.9              | + 1.4                | - 0.2   | + 0.2   | + 7.9                 |
| July                             | - 1.7           | - 24.9         | + 27.1            | + 25.7                         | + 1.4                  | + 1.2                           | + 0.2           | - 5.6              | + 1.7                | - 0.5   | + 0.2   | - 4.5                 |
| Aug                              | + 15.7          | + 3.8          | + 15.2            | + 13.8                         | + 1.4                  | + 1.2                           | + 0.2           | - 4.3              | + 1.0                | + 0.0   | - 0.1   | + 2.5                 |
| <b>Domestic government</b>       |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   |                       |
| <b>End of year or month *</b>    |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   |                       |
| 2005                             | 103.7           | 21.0           | 78.7              | 31.7                           | 47.0                   | 0.5                             | 46.5            | 2.4                | 1.5                  | 32.3  | 1.0   | -                     |
| 2006                             | 134.4           | 26.7           | 104.0             | 51.1                           | 52.9                   | 2.1                             | 50.8            | 2.1                | 1.6                  | 28.2  | 0.8   | -                     |
| 2007                             | 158.5           | 28.0           | 127.7             | 71.9                           | 55.8                   | 3.7                             | 52.1            | 1.4                | 1.5                  | 27.6  | 4.5   | -                     |
| 2007 Sep                         | 149.3           | 26.6           | 119.6             | 64.4                           | 55.1                   | 3.6                             | 51.6            | 1.6                | 1.5                  | 27.6  | 4.5   | -                     |
| Oct                              | 146.1           | 27.1           | 116.0             | 61.2                           | 54.8                   | 3.2                             | 51.6            | 1.5                | 1.5                  | 27.6  | 4.5   | -                     |
| Nov                              | 157.0           | 27.3           | 126.8             | 71.8                           | 55.1                   | 3.4                             | 51.7            | 1.4                | 1.5                  | 27.5  | 4.5   | -                     |
| Dec                              | 158.5           | 28.0           | 127.7             | 71.9                           | 55.8                   | 3.7                             | 52.1            | 1.4                | 1.5                  | 27.6  | 4.5   | -                     |
| 2008 Jan                         | 150.0           | 24.9           | 122.2             | 66.9                           | 55.3                   | 3.2                             | 52.1            | 1.4                | 1.5                  | 24.9  | 4.5   | 0.2                   |
| Feb                              | 149.6           | 24.9           | 121.9             | 66.2                           | 55.8                   | 3.4                             | 52.4            | 1.3                | 1.5                  | 25.0  | 4.5   | 0.2                   |
| Mar                              | 150.0           | 24.6           | 122.7             | 66.7                           | 56.0                   | 4.4                             | 51.6            | 1.3                | 1.4                  | 24.7  | 4.5   | -                     |
| Apr                              | 149.0           | 24.1           | 122.1             | 66.2                           | 55.9                   | 4.1                             | 51.8            | 1.3                | 1.4                  | 24.7  | 4.6   | -                     |
| May                              | 159.5           | 26.4           | 130.5             | 74.5                           | 56.0                   | 4.2                             | 51.8            | 1.2                | 1.4                  | 24.7  | 4.4   | -                     |
| June                             | 166.6           | 28.6           | 135.4             | 79.0                           | 56.4                   | 4.6                             | 51.8            | 1.2                | 1.4                  | 24.6  | 4.4   | -                     |
| July                             | 162.0           | 25.4           | 134.0             | 77.9                           | 56.1                   | 4.4                             | 51.8            | 1.2                | 1.4                  | 24.3  | 4.4   | -                     |
| Aug                              | 164.8           | 26.9           | 135.3             | 78.9                           | 56.3                   | 4.5                             | 51.8            | 1.2                | 1.4                  | 24.3  | 4.4   | -                     |
| <b>Changes *</b>                 |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   |                       |
| 2006                             | + 30.7          | + 5.7          | + 25.3            | + 19.4                         | + 5.9                  | + 1.6                           | + 4.3           | - 0.4              | + 0.1                | - 4.0   | - 0.1   | -                     |
| 2007                             | + 23.5          | + 1.2          | + 23.0            | + 20.8                         | + 2.2                  | + 1.6                           | + 0.6           | - 0.6              | - 0.1                | - 1.2   | + 2.6   | -                     |
| 2007 Sep                         | + 4.2           | + 3.5          | + 0.8             | + 0.9                          | - 0.2                  | + 0.0                           | - 0.2           | - 0.1              | - 0.0                | - 0.1   | - 0.0   | -                     |
| Oct                              | - 3.2           | + 0.5          | - 3.6             | - 3.2                          | - 0.3                  | - 0.4                           | + 0.1           | - 0.1              | - 0.0                | + 0.0   | - 0.0   | -                     |
| Nov                              | + 10.9          | + 0.2          | + 10.8            | + 10.6                         | + 0.2                  | + 0.2                           | + 0.0           | - 0.1              | + 0.0                | - 0.0   | -   | -                     |
| Dec                              | + 1.5           | + 0.7          | + 0.9             | + 0.1                          | + 0.8                  | + 0.4                           | + 0.4           | - 0.0              | - 0.0                | + 0.0   | - 0.0   | -                     |
| 2008 Jan                         | - 8.6           | - 3.0          | - 5.4             | - 5.0                          | - 0.5                  | - 0.5                           | + 0.0           | - 0.1              | + 0.0                | + 0.1   | - 0.0   | + 0.2                 |
| Feb                              | - 0.4           | - 0.1          | - 0.3             | - 0.7                          | + 0.4                  | + 0.2                           | + 0.3           | - 0.0              | - 0.0                | + 0.0   | + 0.0   | -                     |
| Mar                              | + 0.6           | - 0.3          | + 0.9             | + 0.5                          | + 0.4                  | + 1.0                           | - 0.6           | - 0.0              | - 0.0                | - 0.3   | - 0.0   | - 0.2                 |
| Apr                              | - 1.0           | - 0.4          | - 0.5             | - 0.5                          | - 0.1                  | - 0.3                           | + 0.3           | - 0.1              | + 0.0                | + 0.0   | + 0.1   | -                     |
| May                              | + 10.6          | + 2.2          | + 8.4             | + 8.3                          | + 0.1                  | + 0.1                           | - 0.0           | - 0.0              | - 0.0                | + 0.0   | - 0.1   | -                     |
| June                             | + 7.0           | + 2.2          | + 4.8             | + 4.4                          | + 0.4                  | + 0.4                           | - 0.0           | - 0.0              | + 0.0                | - 0.1   | - 0.0   | -                     |
| July                             | - 4.5           | - 3.1          | - 1.4             | - 1.1                          | - 0.3                  | - 0.3                           | - 0.0           | - 0.0              | - 0.0                | - 0.3   | + 0.0   | -                     |
| Aug                              | + 2.7           | + 1.5          | + 1.2             | + 1.0                          | + 0.2                  | + 0.2                           | + 0.0           | - 0.0              | + 0.0                | + 0.0   | + 0.0   | -                     |

\* See Table IV.2, footnote \*; statistical breaks have been eliminated from the changes. The figures for the latest date are always to be regarded as

provisional. Subsequent revisions, which appear in the following Monthly Report, are not specially marked. — 1 Including subordinated liabilities and

7 Deposits of domestic non-banks (non-MFIs) at banks (MFIs) in Germany \* (cont'd)

€ billion

| Period                                     | Deposits, total | Sight deposits | Time deposits 1,2 |                                |                        |                                 |                 | Savings deposits 3 | Bank savings bonds 4 | Memo item   |   |                               |  |
|--|-----------------|----------------|-------------------|--------------------------------|------------------------|---------------------------------|-----------------|--------------------|----------------------|---|---|-------------------------------|--|
|  |                 |                | Total             | for up to and including 1 year | for more than 1 year 2 |                                 | Fiduciary loans |                    |                      | Subordinated liabilities (excluding negotiable debt securities) | Included in time deposits: liabilities arising from repos |                               |  |
|  |                 |                |                   |                                | Total                  | for up to and including 2 years |                 |                    |                      |   |   | for more than 2 years         |  |
| <b>Domestic enterprises and households</b> |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   | <b>End of year or month *</b> |  |
| 2005                                       | 2,173.0         | 696.0          | 785.7             | 199.5                          | 586.1                  | 7.7                             | 578.4           | 601.0              | 90.3                 | 10.2  | 30.7  | 12.6                          |  |
| 2006                                       | 2,260.2         | 721.0          | 858.8             | 238.4                          | 620.4                  | 9.6                             | 610.8           | 584.5              | 95.9                 | 9.6   | 29.5  | 11.2                          |  |
| 2007                                       | 2,420.6         | 752.0          | 997.7             | 347.0                          | 650.7                  | 19.0                            | 631.7           | 554.0              | 116.9                | 8.8   | 30.5  | 22.6                          |  |
| 2007 Sep                                   | 2,360.9         | 755.5          | 942.1             | 300.2                          | 641.9                  | 13.5                            | 628.4           | 553.3              | 110.1                | 8.8   | 29.7  | 29.3                          |  |
| Oct  | 2,360.8         | 743.2          | 955.5             | 314.5                          | 641.0                  | 14.5                            | 626.5           | 549.7              | 112.4                | 8.9   | 29.6  | 30.1                          |  |
| Nov  | 2,394.2         | 773.5          | 958.9             | 315.3                          | 643.6                  | 16.5                            | 627.2           | 546.7              | 115.2                | 8.8   | 30.5  | 34.5                          |  |
| Dec  | 2,420.6         | 752.0          | 997.7             | 347.0                          | 650.7                  | 19.0                            | 631.7           | 554.0              | 116.9                | 8.8   | 30.5  | 22.6                          |  |
| 2008 Jan                                   | 2,437.3         | 760.1          | 1,008.4           | 353.4                          | 654.9                  | 20.8                            | 634.1           | 549.1              | 119.6                | 8.6   | 30.4  | 35.9                          |  |
| Feb  | 2,452.2         | 760.1          | 1,025.6           | 368.3                          | 657.3                  | 21.6                            | 635.7           | 546.2              | 120.3                | 8.6   | 30.5  | 38.8                          |  |
| Mar  | 2,452.0         | 761.8          | 1,027.3           | 369.1                          | 658.2                  | 21.7                            | 636.5           | 542.5              | 120.4                | 8.5   | 30.5  | 39.9                          |  |
| Apr  | 2,471.9         | 755.3          | 1,056.7           | 396.3                          | 660.4                  | 22.4                            | 637.9           | 538.5              | 121.4                | 8.4   | 31.1  | 50.1                          |  |
| May  | 2,476.8         | 756.2          | 1,063.0           | 402.0                          | 660.9                  | 22.8                            | 638.2           | 535.1              | 122.6                | 8.4   | 31.0  | 49.2                          |  |
| June                                       | 2,479.8         | 764.5          | 1,059.0           | 396.9                          | 662.1                  | 23.8                            | 638.4           | 532.2              | 124.0                | 8.4   | 31.2  | 57.1                          |  |
| July                                       | 2,482.7         | 742.7          | 1,087.5           | 423.7                          | 663.8                  | 25.2                            | 638.6           | 526.7              | 125.7                | 8.2   | 31.3  | 52.6                          |  |
| Aug  | 2,495.7         | 745.0          | 1,101.5           | 436.5                          | 665.0                  | 26.3                            | 638.7           | 522.4              | 126.7                | 8.2   | 31.3  | 55.1                          |  |
| <b>Changes *</b>                           |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   | <b>End of year or month *</b> |  |
| 2006                                       | + 87.3          | + 24.3         | + 72.3            | + 38.1                         | + 34.2                 | + 1.9                           | + 32.4          | - 16.5             | + 7.1                | - 0.1   | + 0.3   | - 2.2                         |  |
| 2007                                       | + 157.7         | + 30.3         | + 137.6           | + 106.8                        | + 30.8                 | + 9.4                           | + 21.4          | - 30.5             | + 20.2               | - 0.7   | + 0.7   | + 9.9                         |  |
| 2007 Sep                                   | + 22.7          | + 9.0          | + 15.3            | + 10.5                         | + 4.8                  | + 0.6                           | + 4.2           | - 2.9              | + 1.3                | + 0.0   | + 0.9   | + 5.4                         |  |
| Oct  | - 0.1           | - 12.2         | + 13.4            | + 14.3                         | - 0.9                  | + 1.1                           | - 2.0           | - 3.6              | + 2.3                | + 0.1   | - 0.1   | + 0.8                         |  |
| Nov  | + 33.2          | + 30.3         | + 3.4             | + 0.4                          | + 2.9                  | + 1.9                           | + 1.0           | - 3.0              | + 2.6                | - 0.1   | + 0.6   | + 4.4                         |  |
| Dec  | + 26.4          | - 21.5         | + 38.8            | + 31.8                         | + 7.1                  | + 2.6                           | + 4.5           | + 7.3              | + 1.7                | + 0.0   | + 0.0   | - 11.9                        |  |
| 2008 Jan                                   | + 16.6          | + 8.0          | + 10.7            | + 6.4                          | + 4.3                  | + 1.8                           | + 2.5           | - 4.8              | + 2.7                | - 0.2   | - 0.1   | + 13.3                        |  |
| Feb  | + 14.9          | - 0.1          | + 17.2            | + 14.9                         | + 2.3                  | + 0.8                           | + 1.5           | - 2.9              | + 0.7                | - 0.0   | + 0.0   | + 2.9                         |  |
| Mar  | - 0.2           | + 1.7          | + 1.7             | + 0.8                          | + 0.9                  | + 0.1                           | + 0.9           | - 3.7              | + 0.1                | - 0.1   | + 0.1   | + 1.1                         |  |
| Apr  | + 19.7          | - 6.7          | + 29.4            | + 27.2                         | + 2.2                  | + 0.8                           | + 1.4           | - 4.0              | + 1.1                | - 0.1   | + 0.6   | + 10.2                        |  |
| May  | + 5.0           | + 0.9          | + 6.3             | + 5.7                          | + 0.6                  | + 0.3                           | + 0.3           | - 3.4              | + 1.2                | - 0.0   | - 0.1   | - 0.8                         |  |
| June                                       | + 2.9           | + 8.3          | - 3.9             | - 5.1                          | + 1.2                  | + 1.0                           | + 0.2           | - 2.8              | + 1.4                | - 0.0   | + 0.2   | + 7.9                         |  |
| July                                       | + 2.9           | - 21.8         | + 28.5            | + 26.8                         | + 1.7                  | + 1.5                           | + 0.2           | - 5.5              | + 1.7                | - 0.2   | + 0.2   | - 4.5                         |  |
| Aug  | + 13.0          | + 2.3          | + 13.9            | + 12.7                         | + 1.2                  | + 1.0                           | + 0.2           | - 4.2              | + 1.0                | + 0.0   | - 0.1   | + 2.5                         |  |
| <b>of which: Domestic enterprises</b>      |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   | <b>End of year or month *</b> |  |
| 2005                                       | 809.9           | 233.2          | 550.8             | 108.7                          | 442.0                  | 2.4                             | 439.6           | 5.0                | 21.0                 | 9.7   | 19.4  | 12.6                          |  |
| 2006                                       | 874.9           | 256.1          | 594.1             | 122.8                          | 471.3                  | 3.2                             | 468.1           | 4.5                | 20.2                 | 9.1   | 20.0  | 11.2                          |  |
| 2007                                       | 961.9           | 264.9          | 672.9             | 178.6                          | 494.3                  | 5.5                             | 488.8           | 3.9                | 20.1                 | 8.3   | 21.5  | 22.6                          |  |
| 2007 Sep                                   | 944.2           | 277.7          | 642.5             | 150.7                          | 491.8                  | 4.5                             | 487.3           | 4.0                | 20.0                 | 8.3   | 20.8  | 29.3                          |  |
| Oct  | 944.7           | 269.7          | 651.1             | 160.8                          | 490.3                  | 4.5                             | 485.8           | 4.0                | 19.9                 | 8.4   | 20.8  | 30.1                          |  |
| Nov  | 962.6           | 288.7          | 649.9             | 158.2                          | 491.7                  | 5.0                             | 486.7           | 3.9                | 20.0                 | 8.3   | 21.4  | 34.5                          |  |
| Dec  | 961.9           | 264.9          | 672.9             | 178.6                          | 494.3                  | 5.5                             | 488.8           | 3.9                | 20.1                 | 8.3   | 21.5  | 22.6                          |  |
| 2008 Jan                                   | 980.6           | 281.1          | 675.6             | 178.4                          | 497.1                  | 5.6                             | 491.5           | 3.9                | 20.1                 | 8.4   | 21.5  | 35.9                          |  |
| Feb  | 993.1           | 279.2          | 690.0             | 190.7                          | 499.2                  | 5.8                             | 493.4           | 3.9                | 20.0                 | 8.4   | 21.6  | 38.8                          |  |
| Mar  | 990.1           | 278.8          | 687.5             | 187.6                          | 500.0                  | 5.7                             | 494.3           | 3.9                | 19.9                 | 8.2   | 21.7  | 39.9                          |  |
| Apr  | 1,005.0         | 270.4          | 710.8             | 208.3                          | 502.5                  | 6.1                             | 496.4           | 3.9                | 19.9                 | 8.2   | 22.3  | 50.1                          |  |
| May  | 1,005.7         | 270.7          | 711.5             | 208.1                          | 503.3                  | 6.3                             | 497.0           | 3.8                | 19.8                 | 8.1   | 22.3  | 49.2                          |  |
| June                                       | 1,010.6         | 283.4          | 703.7             | 199.1                          | 504.6                  | 6.9                             | 497.7           | 3.8                | 19.8                 | 8.1   | 22.5  | 57.1                          |  |
| July                                       | 1,011.5         | 262.8          | 725.2             | 219.0                          | 506.2                  | 7.3                             | 498.9           | 3.8                | 19.7                 | 7.9   | 22.6  | 52.6                          |  |
| Aug  | 1,018.6         | 264.5          | 731.0             | 224.2                          | 506.7                  | 7.6                             | 499.2           | 3.8                | 19.3                 | 7.9   | 22.6  | 55.1                          |  |
| <b>Changes *</b>                           |                 |                |                   |                                |                        |                                 |                 |                    |                      |   |   | <b>End of year or month *</b> |  |
| 2006                                       | + 63.5          | + 22.2         | + 42.5            | + 13.4                         | + 29.1                 | + 0.7                           | + 28.4          | - 0.5              | - 0.8                | - 0.1   | + 0.6   | - 2.2                         |  |
| 2007                                       | + 84.8          | + 8.1          | + 77.6            | + 53.9                         | + 23.7                 | + 2.3                           | + 21.4          | - 0.6              | - 0.4                | - 0.7   | + 1.5   | + 9.9                         |  |
| 2007 Sep                                   | + 18.2          | + 9.8          | + 8.6             | + 4.5                          | + 4.1                  | + 0.2                           | + 3.9           | - 0.1              | - 0.2                | + 0.0   | + 1.0   | + 5.4                         |  |
| Oct  | + 0.4           | - 8.0          | + 8.5             | + 10.1                         | - 1.5                  | - 0.0                           | - 1.5           | - 0.1              | - 0.1                | + 0.1   | -   | + 0.8                         |  |
| Nov  | + 17.9          | + 19.1         | - 1.2             | - 3.0                          | + 1.8                  | + 0.5                           | + 1.2           | - 0.1              | + 0.1                | - 0.1   | + 0.6   | + 4.4                         |  |
| Dec  | - 0.7           | - 23.9         | + 23.1            | + 20.4                         | + 2.6                  | + 0.5                           | + 2.1           | + 0.0              | + 0.1                | + 0.0   | + 0.1   | - 11.9                        |  |
| 2008 Jan                                   | + 18.6          | + 16.0         | + 2.6             | - 0.2                          | + 2.8                  | + 0.1                           | + 2.7           | - 0.0              | - 0.1                | + 0.0   | - 0.0   | + 13.3                        |  |
| Feb  | + 12.5          | - 1.9          | + 14.4            | + 12.3                         | + 2.1                  | + 0.2                           | + 1.9           | + 0.0              | - 0.1                | - 0.0   | + 0.1   | + 2.9                         |  |
| Mar  | - 2.9           | - 0.4          | - 2.4             | - 3.2                          | + 0.7                  | - 0.1                           | + 0.8           | - 0.0              | - 0.1                | - 0.1   | + 0.1   | + 1.1                         |  |
| Apr  | + 14.9          | - 8.4          | + 23.3            | + 20.7                         | + 2.5                  | + 0.4                           | + 2.2           | - 0.0              | - 0.0                | - 0.1   | + 0.6   | + 10.2                        |  |
| May  | + 0.8           | + 0.2          | + 0.7             | - 0.1                          | + 0.8                  | + 0.2                           | + 0.6           | - 0.0              | - 0.1                | - 0.0   | - 0.0   | - 0.8                         |  |
| June                                       | + 4.8           | + 12.6         | - 7.8             | - 9.1                          | + 1.2                  | + 0.6                           | + 0.6           | - 0.0              | - 0.0                | - 0.0   | + 0.2   | + 7.9                         |  |
| July                                       | + 0.9           | - 20.6         | + 21.5            | + 19.9                         | + 1.6                  | + 0.4                           | + 1.2           | + 0.0              | - 0.1                | - 0.2   | + 0.1   | - 4.5                         |  |
| Aug  | + 7.1           | + 1.8          | + 5.8             | + 5.2                          | + 0.6                  | + 0.3                           | + 0.3           | - 0.0              | - 0.4                | + 0.0   | - 0.1   | + 2.5                         |  |

liabilities arising from registered debt securities. — 2 Including deposits under savings and loan contracts (see Table IV.12). — 3 Excluding deposits

under savings and loan contracts (see also footnote 2). — 4 Including liabilities arising from non-negotiable bearer debt securities.

IV Banks

8 Deposits of domestic households and non-profit institutions at banks (MFIs) in Germany \*

€ billion

| Period                        | Sight deposits   |                     |        |                       |           |                   | Time deposits 1,2                |                     |        |                       |           |                   |
|-------------------------------|--|---------------------|--------|-----------------------|-----------|-------------------|----------------------------------|---------------------|--------|-----------------------|-----------|-------------------|
|                               | Deposits of domestic households and non-profit institutions, total | by creditor group   |        |                       |           |                   | Domestic non-profit institutions | by creditor group   |        |                       |           |                   |
|                               |  | Domestic households |        |                       |           |                   |                                  | Domestic households |        |                       |           |                   |
|                               |  | Total               | Total  | Self-employed persons | Employees | Other individuals |                                  | Total               | Total  | Self-employed persons | Employees | Other individuals |
| <b>End of year or month *</b> |  |                     |        |                       |           |                   |                                  |                     |        |                       |           |                   |
| 2005                          | 1,363.1  | 462.8               | 448.1  | 79.7                  | 305.1     | 63.2              | 14.8                             | 234.9               | 217.0  | 23.7                  | 179.0     | 14.2              |
| 2006                          | 1,385.3  | 464.9               | 450.3  | 81.7                  | 307.4     | 61.1              | 14.6                             | 264.7               | 245.7  | 30.1                  | 198.6     | 16.9              |
| 2007                          | 1,458.7  | 487.1               | 472.1  | 83.9                  | 320.9     | 67.2              | 15.0                             | 324.8               | 300.7  | 41.7                  | 234.3     | 24.7              |
| 2008 Mar                      | 1,461.9  | 483.0               | 467.5  | 80.6                  | 319.6     | 67.2              | 15.5                             | 339.8               | 314.3  | 42.7                  | 244.3     | 27.3              |
| Apr                           | 1,466.9  | 484.9               | 469.6  | 81.9                  | 320.3     | 67.5              | 15.2                             | 345.8               | 320.5  | 44.2                  | 248.0     | 28.3              |
| May                           | 1,471.1  | 485.5               | 470.2  | 81.7                  | 321.1     | 67.3              | 15.4                             | 351.5               | 325.0  | 45.1                  | 250.8     | 29.1              |
| June                          | 1,469.2  | 481.2               | 465.9  | 78.9                  | 319.9     | 67.1              | 15.3                             | 355.4               | 328.0  | 45.2                  | 253.1     | 29.8              |
| July                          | 1,471.2  | 480.0               | 465.3  | 80.1                  | 318.9     | 66.3              | 14.6                             | 362.3               | 335.5  | 47.1                  | 257.3     | 31.1              |
| Aug                           | 1,477.0  | 480.5               | 465.6  | 80.8                  | 318.5     | 66.4              | 14.9                             | 370.5               | 343.3  | 48.3                  | 262.6     | 32.4              |
| <b>Changes *</b>              |  |                     |        |                       |           |                   |                                  |                     |        |                       |           |                   |
| 2006                          | + 23.8   | + 2.1               | + 2.2  | + 1.9                 | - 0.9     | + 1.2             | - 0.2                            | + 29.8              | + 28.7 | + 5.8                 | + 19.9    | + 3.0             |
| 2007                          | + 72.9   | + 22.2              | + 21.8 | + 2.2                 | + 16.0    | + 3.6             | + 0.4                            | + 60.0              | + 54.9 | + 11.6                | + 35.6    | + 7.8             |
| 2008 Mar                      | + 2.8  | + 2.1               | + 2.3  | - 2.3                 | + 3.9     | + 0.7             | - 0.2                            | + 4.2               | + 3.3  | + 0.2                 | + 2.5     | + 0.6             |
| Apr                           | + 4.8  | + 1.6               | + 1.9  | + 1.0                 | + 0.9     | + 0.0             | - 0.3                            | + 6.1               | + 6.2  | + 1.5                 | + 3.7     | + 1.0             |
| May                           | + 4.2  | + 0.7               | + 0.5  | - 0.2                 | + 0.8     | - 0.1             | + 0.1                            | + 5.6               | + 4.5  | + 0.9                 | + 2.9     | + 0.8             |
| June                          | - 1.9  | - 4.3               | - 4.2  | - 2.8                 | - 1.2     | - 0.2             | - 0.1                            | + 3.9               | + 3.0  | + 0.1                 | + 2.2     | + 0.7             |
| July                          | + 2.0  | - 1.2               | - 0.6  | + 1.2                 | - 1.2     | - 0.6             | - 0.6                            | + 7.0               | + 7.4  | + 1.9                 | + 4.2     | + 1.3             |
| Aug                           | + 5.8  | + 0.5               | + 0.3  | + 0.6                 | - 0.4     | + 0.1             | + 0.2                            | + 8.2               | + 7.8  | + 1.2                 | + 5.2     | + 1.4             |

\* See Table IV.2, footnote\*; statistical breaks have been eliminated from the changes. The figures for the latest date are always to be regarded as provisional. Subsequent revisions, which appear in the following Monthly

Report, are not specially marked. — 1 Including subordinated liabilities and liabilities arising from registered debt securities. — 2 Including deposits

9 Deposits of domestic government at banks (MFIs) in Germany, by creditor group \*

€ billion

| Period                        | Deposits                   |  |                |                                |                      |   |                           |       |                |                                |                      |   |                           |
|-------------------------------|----------------------------|--|----------------|--------------------------------|----------------------|---|---------------------------|-------|----------------|--------------------------------|----------------------|---|---------------------------|
|                               | Domestic government, total | Federal Government and its special funds 1 |                |                                |                      |   | State governments         |       |                |                                |                      |   |                           |
|                               |                            | Total                                      | Sight deposits | Time deposits                  |                      | Savings deposits and bank savings bonds 2 | Memo item Fiduciary loans | Total | Sight deposits | Time deposits                  |                      | Savings deposits and bank savings bonds 2 | Memo item Fiduciary loans |
|                               |                            |  |                | for up to and including 1 year | for more than 1 year |   |                           |       |                | for up to and including 1 year | for more than 1 year |   |                           |
| <b>End of year or month *</b> |                            |  |                |                                |                      |   |                           |       |                |                                |                      |   |                           |
| 2005                          | 103.7                      | 38.8                                       | 1.3            | 7.9                            | 29.6                 | 0.0                                       | 12.9                      | 16.3  | 3.9            | 2.5                            | 9.9                  | 0.1                                       | 19.1                      |
| 2006                          | 134.4                      | 41.9                                       | 2.1            | 6.2                            | 33.6                 | 0.0                                       | 9.5                       | 18.0  | 5.4            | 2.5                            | 10.0                 | 0.1                                       | 18.5                      |
| 2007                          | 158.5                      | 38.3                                       | 1.9            | 3.1                            | 33.2                 | 0.0                                       | 8.2                       | 27.9  | 6.0            | 11.2                           | 10.6                 | 0.1                                       | 19.1                      |
| 2008 Mar                      | 150.0                      | 37.6                                       | 1.5            | 3.8                            | 32.2                 | 0.0                                       | 6.8                       | 25.7  | 4.8            | 9.7                            | 11.2                 | 0.1                                       | 17.6                      |
| Apr                           | 149.0                      | 35.3                                       | 1.4            | 2.0                            | 31.9                 | 0.0                                       | 6.8                       | 27.3  | 5.3            | 10.7                           | 11.2                 | 0.1                                       | 17.6                      |
| May                           | 159.5                      | 36.7                                       | 2.1            | 2.6                            | 32.0                 | 0.0                                       | 7.0                       | 28.6  | 4.4            | 13.0                           | 11.1                 | 0.1                                       | 17.5                      |
| June                          | 166.6                      | 37.8                                       | 2.3            | 3.7                            | 31.8                 | 0.0                                       | 6.8                       | 36.1  | 6.3            | 18.0                           | 11.7                 | 0.1                                       | 17.5                      |
| July                          | 162.0                      | 35.2                                       | 2.0            | 1.4                            | 31.7                 | 0.0                                       | 6.6                       | 34.8  | 5.2            | 17.5                           | 12.0                 | 0.1                                       | 17.4                      |
| Aug                           | 164.8                      | 36.3                                       | 2.3            | 2.1                            | 31.8                 | 0.0                                       | 6.6                       | 32.9  | 4.6            | 16.2                           | 12.1                 | 0.1                                       | 17.4                      |
| <b>Changes *</b>              |                            |  |                |                                |                      |   |                           |       |                |                                |                      |   |                           |
| 2006                          | + 30.7                     | + 3.1                                      | + 0.8          | - 1.7                          | + 4.0                | - 0.0                                     | - 3.4                     | + 1.7 | + 1.6          | + 0.1                          | + 0.1                | - 0.0                                     | - 0.6                     |
| 2007                          | + 23.5                     | - 4.3                                      | - 0.2          | - 3.1                          | - 1.0                | - 0.0                                     | - 0.5                     | + 9.8 | + 0.6          | + 8.6                          | + 0.6                | + 0.0                                     | - 0.8                     |
| 2008 Mar                      | + 0.6                      | + 0.7                                      | + 0.1          | + 1.3                          | - 0.7                | + 0.0                                     | - 0.2                     | + 1.0 | + 0.3          | - 0.3                          | + 0.9                | - 0.0                                     | - 0.1                     |
| Apr                           | - 1.0                      | - 2.3                                      | - 0.2          | - 1.8                          | - 0.3                | + 0.0                                     | + 0.0                     | + 1.6 | + 0.5          | + 1.1                          | + 0.1                | - 0.0                                     | - 0.0                     |
| May                           | + 10.6                     | + 1.4                                      | + 0.8          | + 0.6                          | + 0.0                | -   | + 0.1                     | + 1.3 | - 0.8          | + 2.3                          | - 0.1                | - 0.0                                     | - 0.1                     |
| June                          | + 7.0                      | + 1.1                                      | + 0.1          | + 1.1                          | - 0.2                | -   | - 0.1                     | + 7.5 | + 1.8          | + 5.0                          | + 0.7                | + 0.0                                     | - 0.0                     |
| July                          | - 4.5                      | - 2.6                                      | - 0.2          | - 2.3                          | - 0.1                | + 0.0                                     | - 0.2                     | - 1.3 | - 1.1          | - 0.5                          | + 0.3                | + 0.0                                     | - 0.1                     |
| Aug                           | + 2.7                      | + 1.1                                      | + 0.3          | + 0.6                          | + 0.1                | -   | + 0.0                     | - 1.8 | - 0.6          | - 1.3                          | + 0.1                | -   | + 0.0                     |

\* See Table IV.2, footnote\*; excluding deposits of the Treuhand agency and its successor organisations, of the Federal Railways, east German Railways and Federal Post Office, and, from 1995, of Deutsche Bahn AG, Deutsche Post AG and Deutsche Telekom AG, and of publicly owned enterprises,

which are included in "Enterprises". Statistical breaks have been eliminated from the changes. The figures for the latest date are always to be regarded as provisional. Subsequent revisions, which appear in the following



|                                  |                            |                               |                   |       | Savings deposits <sup>3</sup> |                     |                                  |                                 | Memo item       |  |   |          |
|----------------------------------|----------------------------|-------------------------------|-------------------|-------|-------------------------------|---------------------|----------------------------------|---------------------------------|-----------------|--|---|----------|
| by maturity                      |                            |                               |                   |       | Total                         | Domestic households | Domestic non-profit institutions | Bank savings bonds <sup>4</sup> | Fiduciary loans | Subordinated liabilities (excluding negotiable debt securities) <sup>5</sup> | Included in time deposits: liabilities arising from repos | Period   |
| Domestic non-profit institutions | up to and including 1 year | more than 1 year <sup>2</sup> |                   |       |                               |                     |                                  |                                 |                 |  |   |          |
|                                  |                            | Total                         | of which          |       |                               |                     |                                  |                                 |                 |  |   |          |
|                                  |                            | up to and including 2 years   | more than 2 years |       |                               |                     |                                  |                                 |                 |  |   |          |
| <b>End of year or month *</b>    |                            |                               |                   |       |                               |                     |                                  |                                 |                 |  |   |          |
| 17.9                             | 90.8                       | 144.1                         | 5.3               | 138.8 | 596.0                         | 586.4               | 9.6                              | 69.3                            | 0.5             | 11.3   | –   | 2005     |
| 19.1                             | 115.6                      | 149.2                         | 6.4               | 142.7 | 580.0                         | 571.1               | 8.9                              | 75.7                            | 0.5             | 9.5  | –   | 2006     |
| 24.1                             | 168.4                      | 156.4                         | 13.5              | 142.8 | 550.1                         | 542.4               | 7.7                              | 96.8                            | 0.5             | 9.0  | –   | 2007     |
| 25.5                             | 181.6                      | 158.2                         | 15.9              | 142.3 | 538.6                         | 531.0               | 7.6                              | 100.5                           | 0.3             | 8.8  | –   | 2008 Mar |
| 25.3                             | 188.0                      | 157.8                         | 16.3              | 141.5 | 534.6                         | 527.1               | 7.5                              | 101.6                           | 0.3             | 8.8  | –   | Apr      |
| 26.5                             | 193.9                      | 157.6                         | 16.4              | 141.2 | 531.3                         | 523.8               | 7.5                              | 102.8                           | 0.3             | 8.7  | –   | May      |
| 27.3                             | 197.8                      | 157.6                         | 16.8              | 140.7 | 528.4                         | 521.0               | 7.4                              | 104.2                           | 0.3             | 8.7  | –   | June     |
| 26.9                             | 204.7                      | 157.6                         | 17.9              | 139.7 | 522.9                         | 515.5               | 7.3                              | 106.1                           | 0.3             | 8.7  | –   | July     |
| 27.2                             | 212.2                      | 158.3                         | 18.7              | 139.6 | 518.6                         | 511.3               | 7.3                              | 107.4                           | 0.3             | 8.7  | –   | Aug      |
| <b>Changes *</b>                 |                            |                               |                   |       |                               |                     |                                  |                                 |                 |  |   |          |
| + 1.1                            | + 24.7                     | + 5.1                         | + 1.1             | + 4.0 | – 16.0                        | – 15.3              | – 0.7                            | + 7.9                           | + 0.0           | – 0.3  | –   | 2006     |
| + 5.0                            | + 52.9                     | + 7.1                         | + 7.1             | + 0.0 | – 29.9                        | – 28.7              | – 1.2                            | + 20.6                          | + 0.0           | – 0.8  | –   | 2007     |
| + 0.9                            | + 4.0                      | + 0.2                         | + 0.1             | + 0.0 | – 3.7                         | – 3.7               | – 0.0                            | + 0.2                           | – 0.0           | – 0.1  | –   | 2008 Mar |
| – 0.2                            | + 6.4                      | – 0.4                         | + 0.4             | – 0.8 | – 4.0                         | – 3.9               | – 0.1                            | + 1.1                           | – 0.0           | – 0.1  | –   | Apr      |
| + 1.1                            | + 5.9                      | – 0.2                         | + 0.1             | – 0.3 | – 3.4                         | – 3.3               | – 0.1                            | + 1.3                           | + 0.0           | – 0.1  | –   | May      |
| + 0.9                            | + 4.0                      | – 0.1                         | + 0.4             | – 0.5 | – 2.8                         | – 2.7               | – 0.1                            | + 1.4                           | – 0.0           | – 0.0  | –   | June     |
| – 0.5                            | + 6.9                      | + 0.1                         | + 1.1             | – 1.0 | – 5.6                         | – 5.5               | – 0.1                            | + 1.8                           | –               | + 0.0  | –   | July     |
| + 0.4                            | + 7.5                      | + 0.6                         | + 0.8             | – 0.1 | – 4.2                         | – 4.2               | – 0.0                            | + 1.4                           | –               | – 0.0  | –   | Aug      |

under savings and loan contracts (see Table IV.12). — <sup>3</sup> Excluding deposits under savings and loan contracts (see also footnote 2). — <sup>4</sup> Including

liabilities arising from non-negotiable bearer debt securities. — <sup>5</sup> Included in time deposits.

| Local government and local government associations<br>(including municipal special-purpose associations) |                |                                |                      |  |                           | Social security funds |                |                                |                      |  |                           |          |
|--|----------------|--------------------------------|----------------------|--|---------------------------|-----------------------|----------------|--------------------------------|----------------------|--|---------------------------|----------|
| Total  | Sight deposits | Time deposits <sup>3</sup>     |                      | Savings deposits and bank savings bonds <sup>2,4</sup> | Memo item Fiduciary loans | Total                 | Sight deposits | Time deposits                  |                      | Savings deposits and bank savings bonds <sup>2</sup> | Memo item Fiduciary loans | Period   |
|  |                | for up to and including 1 year | for more than 1 year |  |                           |                       |                | for up to and including 1 year | for more than 1 year |  |                           |          |
| <b>End of year or month *</b>  |                |                                |                      |  |                           |                       |                |                                |                      |  |                           |          |
| 28.0   | 11.8           | 10.4                           | 2.6                  | 3.2  | 0.3                       | 20.7                  | 4.1            | 11.0                           | 4.9                  | 0.7  | 0.0                       | 2005     |
| 30.5   | 11.5           | 12.7                           | 3.4                  | 3.0  | 0.3                       | 44.0                  | 7.8            | 29.7                           | 6.0                  | 0.6  | 0.0                       | 2006     |
| 37.8   | 12.3           | 19.5                           | 3.6                  | 2.5  | 0.3                       | 54.5                  | 7.7            | 38.1                           | 8.4                  | 0.3  | 0.0                       | 2007     |
| 37.0   | 10.7           | 20.3                           | 3.6                  | 2.3  | 0.2                       | 49.6                  | 7.5            | 32.9                           | 8.9                  | 0.3  | 0.0                       | 2008 Mar |
| 36.8   | 10.5           | 20.4                           | 3.7                  | 2.3  | 0.2                       | 49.5                  | 7.0            | 33.1                           | 9.1                  | 0.3  | 0.0                       | Apr      |
| 41.0   | 11.7           | 23.3                           | 3.8                  | 2.2  | 0.2                       | 53.1                  | 8.1            | 35.5                           | 9.2                  | 0.3  | 0.0                       | May      |
| 38.9   | 10.9           | 21.9                           | 3.9                  | 2.2  | 0.2                       | 53.8                  | 9.1            | 35.3                           | 9.1                  | 0.3  | 0.0                       | June     |
| 38.3   | 10.4           | 21.8                           | 3.9                  | 2.2  | 0.2                       | 53.8                  | 7.8            | 37.1                           | 8.6                  | 0.3  | 0.0                       | July     |
| 43.1   | 11.9           | 25.0                           | 4.0                  | 2.2  | 0.2                       | 52.5                  | 8.0            | 35.7                           | 8.5                  | 0.3  | 0.0                       | Aug      |
| <b>Changes *</b>   |                |                                |                      |  |                           |                       |                |                                |                      |  |                           |          |
| + 2.5  | – 0.3          | + 2.3                          | + 0.7                | – 0.2  | – 0.0                     | + 23.3                | + 3.6          | + 18.7                         | + 1.1                | – 0.1  | – 0.0                     | 2006     |
| + 7.4  | + 0.9          | + 6.8                          | + 0.2                | – 0.5  | – 0.0                     | + 10.5                | – 0.1          | + 8.4                          | + 2.4                | – 0.2  | – 0.0                     | 2007     |
| + 0.1  | – 0.2          | + 0.3                          | + 0.0                | – 0.1  | – 0.0                     | – 1.1                 | – 0.5          | – 0.7                          | + 0.1                | – 0.0  | –                         | 2008 Mar |
| – 0.2  | – 0.2          | + 0.0                          | + 0.0                | – 0.1  | –                         | – 0.1                 | – 0.5          | + 0.2                          | + 0.1                | + 0.0  | –                         | Apr      |
| + 4.3  | + 1.2          | + 3.0                          | + 0.1                | – 0.0  | –                         | + 3.6                 | + 1.1          | + 2.4                          | + 0.1                | – 0.0  | –                         | May      |
| – 2.1  | – 0.8          | – 1.4                          | + 0.1                | + 0.0  | –                         | + 0.6                 | + 1.0          | – 0.3                          | – 0.1                | – 0.0  | – 0.0                     | June     |
| – 0.6  | – 0.5          | – 0.1                          | + 0.0                | – 0.0  | –                         | + 0.0                 | – 1.3          | + 1.8                          | – 0.5                | – 0.0  | –                         | July     |
| + 4.8  | + 1.6          | + 3.1                          | + 0.1                | + 0.0  | – 0.0                     | – 1.3                 | + 0.2          | – 1.4                          | – 0.1                | –  | –                         | Aug      |

Monthly Report, are not specially marked. — <sup>1</sup> Federal Railways Fund, Indemnification Fund, Redemption Fund for Inherited Liabilities, ERP Special Fund, German Unity Fund, Equalisation of Burdens Fund. — <sup>2</sup> Including

liabilities arising from non-negotiable bearer debt securities. — <sup>3</sup> Including deposits under savings and loan contracts. — <sup>4</sup> Excluding deposits under savings and loan contracts (see also footnote 3).

## IV Banks

### 10 Savings deposits and bank savings bonds of banks (MFIs) in Germany sold to non-banks (non-MFIs) \*

€ billion

| Period                 | Savings deposits <sup>1</sup> |        |                            |   |                                      |   |       |   | Memo<br>item<br>Interest<br>credited<br>on<br>savings<br>deposits | Bank savings bonds, <sup>3</sup> sold to |                    |  |                      |
|------------------------|-------------------------------|--------|----------------------------|---|--------------------------------------|---|-------|---|---|--|--------------------|--|----------------------|
|                        | of residents                  |        |                            |   | of non-residents                     |   |       |   |   | non-banks,<br>total                      | domestic non-banks |  | foreign<br>non-banks |
|                        | Total                         | Total  | at three months'<br>notice |   | at more than three<br>months' notice |   | Total | of which<br>At three<br>months'<br>notice |   |  | Total              | of which<br>With<br>maturities<br>of more<br>than<br>2 years |                      |
|                        |                               |        | Total                      | of which<br>Special<br>savings<br>facilities <sup>2</sup> | Total                                | of which<br>Special<br>savings<br>facilities <sup>2</sup> |       |   |   |  |                    |  |                      |
| End of year or month * |                               |        |                            |   |                                      |   |       |   |   |  |                    |  |                      |
| 2005                   | 611.9                         | 603.4  | 519.2                      | 404.2   | 84.2                                 | 74.4  | 8.5   | 6.8                                       | 13.3  | 99.3                                     | 91.9               | 77.5   | 7.4                  |
| 2006                   | 594.9                         | 586.5  | 487.4                      | 384.4   | 99.1                                 | 89.8  | 8.3   | 6.4                                       | 13.2  | 107.6                                    | 97.5               | 70.5   | 10.0                 |
| 2007                   | 563.8                         | 555.4  | 446.0                      | 354.6   | 109.4                                | 101.4   | 8.4   | 6.1                                       | 14.2  | 130.7                                    | 118.4              | 64.5   | 12.3                 |
| 2008 Apr               | 548.2                         | 539.8  | 434.9                      | 347.2   | 104.9                                | 97.6  | 8.4   | 6.1                                       | 0.3   | 136.2                                    | 122.8              | 61.9   | 13.4                 |
| May                    | 544.7                         | 536.3  | 432.8                      | 346.5   | 103.5                                | 96.2  | 8.4   | 6.1                                       | 0.3   | 139.1                                    | 124.0              | 61.3   | 15.1                 |
| June                   | 541.8                         | 533.5  | 430.7                      | 345.4   | 102.7                                | 95.4  | 8.4   | 6.1                                       | 0.4   | 140.5                                    | 125.4              | 60.9   | 15.1                 |
| July                   | 536.2                         | 527.9  | 425.6                      | 341.9   | 102.2                                | 94.9  | 8.3   | 6.0                                       | 0.5   | 142.3                                    | 127.1              | 60.7   | 15.1                 |
| Aug                    | 531.9                         | 523.6  | 422.5                      | 339.9   | 101.1                                | 93.8  | 8.3   | 6.0                                       | 0.4   | 143.5                                    | 128.1              | 60.4   | 15.3                 |
| Changes *              |                               |        |                            |   |                                      |   |       |   |   |  |                    |  |                      |
| 2006                   | - 17.0                        | - 16.8 | - 31.7                     | - 20.4  | + 14.9                               | + 15.5  | - 0.2 | - 0.4                                     | .   | + 7.3                                    | + 7.2              | - 5.5  | + 0.1                |
| 2007                   | - 31.0                        | - 31.1 | - 41.4                     | - 28.8  | + 10.3                               | + 11.6  | + 0.1 | - 0.3                                     | .   | + 22.4                                   | + 20.1             | - 6.7  | + 2.2                |
| 2008 Apr               | - 4.1                         | - 4.1  | - 2.7                      | - 1.6   | - 1.4                                | - 1.3   | - 0.0 | - 0.0                                     | .   | + 1.3                                    | + 1.1              | - 0.5  | + 0.3                |
| May                    | - 3.5                         | - 3.5  | - 2.1                      | - 0.7   | - 1.4                                | - 1.5   | - 0.0 | - 0.0                                     | .   | + 2.9                                    | + 1.2              | - 0.6  | + 1.8                |
| June                   | - 2.9                         | - 2.9  | - 2.1                      | - 1.1   | - 0.8                                | - 0.8   | - 0.0 | - 0.0                                     | .   | + 1.3                                    | + 1.4              | - 0.4  | - 0.1                |
| July                   | - 5.6                         | - 5.6  | - 5.1                      | - 3.5   | - 0.5                                | - 0.5   | - 0.1 | - 0.1                                     | .   | + 1.8                                    | + 1.7              | - 0.2  | + 0.1                |
| Aug                    | - 4.3                         | - 4.3  | - 3.1                      | - 2.0   | - 1.1                                | - 1.1   | - 0.0 | - 0.0                                     | .   | + 1.2                                    | + 1.0              | - 0.3  | + 0.2                |

\* See Table IV.2, footnote\*; statistical breaks have been eliminated from the changes. The figures for the latest date are always to be regarded as provisional. Subsequent revisions, which appear in the following Monthly Report, are not specially marked. — 1 Excluding deposits under savings and

loan contracts, which are classified as time deposits. — 2 Savings deposits bearing interest at a rate which exceeds the minimum or basic rate of interest. — 3 Including liabilities arising from non-negotiable bearer debt securities.

### 11 Debt securities and money market paper outstanding of banks (MFIs) in Germany \*

€ billion

| Period                 | Negotiable bearer debt securities and money market paper |  |  |   |                                    |                                  |   |                         | Non-negotiable bearer debt securities and money market paper <sup>5</sup> |                                  |   |                         | Subordinated |       |
|------------------------|--|--|--|---|------------------------------------|----------------------------------|---|-------------------------|---|----------------------------------|---|-------------------------|--------------|-------|
|                        | Total  | of which                               |  |   |                                    | with maturities of               |   |                         | Total   | of which with maturities of      |   |                         |              |       |
|                        |  | Floating<br>rate<br>bonds <sup>1</sup> | Zero<br>coupon<br>bonds <sup>1,2</sup> | Foreign<br>currency<br>bonds <sup>3,4</sup> | Certifi-<br>cates<br>of<br>deposit | up to and<br>including<br>1 year | more<br>than 1 year<br>including<br>2 years | more<br>than<br>2 years |   | up to and<br>including<br>1 year | more<br>than 1 year<br>including<br>2 years | more<br>than<br>2 years |              |       |
|                        |  |  |  |   |                                    |                                  |   |                         |   |                                  |   |                         |              |       |
| End of year or month * |  |  |  |   |                                    |                                  |   |                         |   |                                  |   |                         |              |       |
| 2005                   | 1,608.7  | 400.7                                  | 25.3                                   | 274.5                                       | 32.0                               | 61.8                             | 94.8  | 1,452.1                 | 1.5   | 0.2                              | 0.5   | 0.8                     | 45.8         | 2.5   |
| 2006                   | 1,636.2  | 392.5                                  | 41.1                                   | 301.5                                       | 30.9                               | 68.3                             | 118.3                                       | 1,449.5                 | 1.8   | 0.2                              | 0.8   | 0.7                     | 51.4         | 1.2   |
| 2007                   | 1,659.1  | 375.7                                  | 54.2                                   | 305.1                                       | 51.2                               | 109.6                            | 147.5                                       | 1,402.0                 | 1.9   | 0.1                              | 1.1   | 0.7                     | 53.6         | 1.4   |
| 2008 Apr               | 1,654.8  | 388.0                                  | 54.3                                   | 304.0                                       | 57.4                               | 119.3                            | 156.1                                       | 1,379.4                 | 1.9   | 0.2                              | 1.1   | 0.6                     | 53.3         | 1.4   |
| May                    | 1,657.8  | 387.3                                  | 54.7                                   | 307.2                                       | 58.3                               | 120.2                            | 162.1                                       | 1,375.5                 | 1.9   | 0.2                              | 1.1   | 0.6                     | 53.3         | 1.4   |
| June                   | 1,672.2  | 367.8                                  | 55.0                                   | 308.4                                       | 60.8                               | 125.1                            | 176.0                                       | 1,371.1                 | 1.9   | 0.2                              | 1.1   | 0.6                     | 53.5         | 1.4   |
| July                   | 1,672.7  | 367.7                                  | 55.3                                   | 312.4                                       | 59.7                               | 123.0                            | 180.3                                       | 1,369.3                 | 2.0   | 0.2                              | 1.1   | 0.7                     | 53.6         | 1.4   |
| Aug                    | 1,688.4  | 371.1                                  | 57.4                                   | 322.7                                       | 64.4                               | 131.1                            | 179.7                                       | 1,377.6                 | 2.0   | 0.2                              | 1.1   | 0.7                     | 53.8         | 1.4   |
| Changes *              |  |  |  |   |                                    |                                  |   |                         |   |                                  |   |                         |              |       |
| 2006                   | + 21.6   | - 27.3                                 | + 8.2                                  | + 25.4                                      | - 2.3                              | + 6.0                            | + 22.9                                      | - 7.4                   | + 0.2   | - 0.0                            | + 0.3                                       | - 0.0                   | + 4.0        | + 0.2 |
| 2007                   | + 21.7   | - 17.5                                 | + 12.9                                 | + 3.6                                       | + 20.2                             | + 40.7                           | + 32.3                                      | - 51.3                  | - 0.1   | - 0.1                            | + 0.3                                       | - 0.2                   | + 2.2        | - 0.0 |
| 2008 Apr               | + 3.3  | - 1.3                                  | + 0.8                                  | + 5.7                                       | - 4.9                              | - 3.5                            | + 8.2                                       | - 1.4                   | - 0.0   | + 0.0                            | + 0.0                                       | - 0.0                   | - 0.1        | + 0.0 |
| May                    | + 2.9  | - 0.7                                  | + 0.9                                  | + 3.2                                       | + 0.9                              | + 0.9                            | + 4.8                                       | - 2.8                   | + 0.0   | + 0.0                            | - 0.0                                       | + 0.0                   | + 0.0        | - 0.0 |
| June                   | + 14.4   | - 1.8                                  | + 1.3                                  | + 1.1                                       | + 2.6                              | + 4.9                            | + 14.0                                      | - 4.4                   | + 0.0   | + 0.0                            | + 0.0                                       | + 0.0                   | + 0.1        | - 0.0 |
| July                   | + 2.2  | - 0.1                                  | + 0.3                                  | + 4.0                                       | - 1.1                              | - 1.7                            | + 4.7                                       | - 0.9                   | + 0.0   | - 0.0                            | + 0.0                                       | + 0.0                   | + 0.2        | + 0.0 |
| Aug                    | + 15.7   | + 3.4                                  | + 2.1                                  | + 10.4                                      | + 4.7                              | + 8.0                            | - 0.6                                       | + 8.3                   | + 0.0   | - 0.0                            | + 0.0                                       | + 0.0                   | + 0.2        | + 0.0 |

\* See Table IV.2, footnote\*; statistical breaks have been eliminated from the changes. The figures for the latest date are always to be regarded as provisional. Subsequent revisions, which appear in the following Monthly Report, are not specially marked. — 1 Including debt securities denominated in foreign currencies. — 2 Issue value when floated. — 3 Including floating

rate notes and zero coupon bonds denominated in foreign currencies. — 4 Bonds denominated in non-euro-area currencies. — 5 Non-negotiable bearer debt securities are classified among bank savings bonds (see also Table IV.10, footnote 2).

IV Banks

12 Building and loan associations (MFIs) in Germany \*  
Interim statements

€ billion

| End of year/month                             | Number of associations | Balance sheet total | Lending to banks (MFIs)                                |                  |                        | Lending to non-banks (non-MFIs)        |                            |                      |   | Deposits of banks (MFIs) 5                |                         | Deposits of non-banks (non-MFIs)          |                           | Bearer debt securities outstanding | Capital (including published reserves) 7 | Memo item New contracts entered into in year or month 8 |
|---|------------------------|---------------------|--|------------------|------------------------|--|----------------------------|----------------------|---|---|-------------------------|---|---------------------------|------------------------------------|--|---|
|   |                        |                     | Credit balances and loans (excluding building loans) 1 | Building loans 2 | Bank debt securities 3 | Building loans                         |                            |                      | Securities (including Treasury bills and Treasury discount paper) 4 | Deposits under savings and loan contracts | Sight and time deposits | Deposits under savings and loan contracts | Sight and time deposits 6 |                                    |  |   |
|   |                        |                     |  |                  |                        | Loans under savings and loan contracts | Interim and bridging loans | Other building loans |   |   |                         |   |                           |                                    |  |   |
| <b>All building and loan associations</b>     |                        |                     |  |                  |                        |  |                            |                      |   |   |                         |   |                           |                                    |  |   |
| 2007  | 25                     | 189.5               | 41.8   | 0.0              | 12.1                   | 27.6                                   | 67.9                       | 11.9                 | 12.1  | 0.3                                       | 22.8                    | 123.8                                     | 5.2                       | 6.6                                | 7.3                                      | 89.3  |
| 2008 June                                     | 25                     | 191.1               | 42.0   | 0.0              | 14.6                   | 28.3                                   | 68.2                       | 11.7                 | 11.3  | 0.2                                       | 25.4                    | 121.8                                     | 5.9                       | 6.9                                | 7.3                                      | 7.8   |
| July  | 25                     | 191.1               | 42.1   | 0.0              | 14.5                   | 28.7                                   | 68.3                       | 11.8                 | 11.2  | 0.2                                       | 27.5                    | 120.7                                     | 5.9                       | 6.2                                | 7.3                                      | 8.0   |
| Aug   | 25                     | 190.1               | 41.0   | 0.1              | 14.4                   | 28.9                                   | 68.3                       | 11.8                 | 11.3  | 0.2                                       | 26.9                    | 120.1                                     | 5.9                       | 6.2                                | 7.3                                      | 7.5   |
| <b>Private building and loan associations</b> |                        |                     |  |                  |                        |  |                            |                      |   |   |                         |   |                           |                                    |  |   |
| 2008 June                                     | 15                     | 139.3               | 27.3   | 0.0              | 9.6                    | 18.1                                   | 52.5                       | 10.8                 | 6.7   | 0.2                                       | 20.6                    | 80.7                                      | 5.7                       | 6.9                                | 4.7                                      | 5.0   |
| July  | 15                     | 139.4               | 27.4   | 0.0              | 9.6                    | 18.3                                   | 52.8                       | 10.9                 | 6.7   | 0.2                                       | 22.6                    | 79.9                                      | 5.7                       | 6.2                                | 4.7                                      | 5.1   |
| Aug   | 15                     | 138.5               | 26.4   | 0.0              | 9.5                    | 18.4                                   | 52.9                       | 10.9                 | 6.7   | 0.1                                       | 22.1                    | 79.5                                      | 5.7                       | 6.2                                | 4.7                                      | 4.9   |
| <b>Public building and loan associations</b>  |                        |                     |  |                  |                        |  |                            |                      |   |   |                         |   |                           |                                    |  |   |
| 2008 June                                     | 10                     | 51.8                | 14.8   | 0.0              | 5.0                    | 10.3                                   | 15.6                       | 0.9                  | 4.6   | 0.1                                       | 4.9                     | 41.0                                      | 0.2                       | -                                  | 2.6                                      | 2.8   |
| July  | 10                     | 51.7                | 14.7   | 0.0              | 5.0                    | 10.4                                   | 15.4                       | 0.9                  | 4.6   | 0.1                                       | 4.9                     | 40.8                                      | 0.2                       | -                                  | 2.6                                      | 2.8   |
| Aug   | 10                     | 51.7                | 14.6   | 0.0              | 4.9                    | 10.5                                   | 15.4                       | 0.9                  | 4.7   | 0.1                                       | 4.8                     | 40.7                                      | 0.2                       | -                                  | 2.6                                      | 2.7   |

Trends in building and loan association business

€ billion

| Period  | Changes in deposits under savings and loan contracts |  |   | Capital promised |                             | Capital disbursed |   |  |  |  |   | Disbursement commitments outstanding at end of period |                                    | Interest and repayments received on building loans 10 |                                    | Memo item Housing bonuses received 12 |
|---|--|--|---|------------------|-----------------------------|-------------------|---|--|--|--|---|---|------------------------------------|---|------------------------------------|---------------------------------------|
|   | Amounts paid into savings and loan accounts 9        | Interest credited on deposits under savings and loan contracts | Repayments of deposits under cancelled savings and loan contracts | Total            | of which Net allocations 11 | Total             | Allocations                               |  |  |  | Newly granted interim and bridging loans and other building loans | Total   | of which Under allocated contracts | Total   | of which Repayments during quarter |                                       |
|   |  |  |   |                  |                             |                   | Deposits under savings and loan contracts |  | Loans under savings and loan contracts 9 |  |   |   |                                    |   |                                    |                                       |
|   |  |  |   |                  |                             |                   | Total                                     | of which Applied to settlement of interim and bridging loans | Total                                    | of which Applied to settlement of interim and bridging loans |   |   |                                    |   |                                    |                                       |
| <b>All building and loan associations</b>     |  |  |   |                  |                             |                   |   |  |  |  |   |   |                                    |   |                                    |                                       |
| 2007  | 24.3   | 3.2  | 6.6   | 45.9             | 34.1                        | 42.3              | 21.0                                      | 4.2  | 8.4                                      | 3.8  | 13.0  | 10.0  | 7.6                                | 10.3  | 8.4                                | 0.5                                   |
| 2008 June                                     | 2.0  | 0.1  | 0.6   | 4.5              | 3.1                         | 4.0               | 1.9                                       | 0.3  | 0.9                                      | 0.3  | 1.2   | 10.8  | 7.7                                | 0.9   | 2.0                                | 0.0                                   |
| July  | 1.9  | 0.1  | 0.6   | 5.0              | 3.7                         | 5.1               | 2.3                                       | 0.5  | 1.1                                      | 0.4  | 1.7   | 10.8  | 7.7                                | 0.8   | 0.0                                | 0.0                                   |
| Aug   | 1.8  | 0.1  | 0.5   | 4.1              | 3.1                         | 3.8               | 1.9                                       | 0.3  | 0.8                                      | 0.3  | 1.1   | 10.8  | 7.7                                | 0.8   | 0.0                                | 0.0                                   |
| <b>Private building and loan associations</b> |  |  |   |                  |                             |                   |   |  |  |  |   |   |                                    |   |                                    |                                       |
| 2008 June                                     | 1.3  | 0.0  | 0.3   | 3.1              | 2.0                         | 2.9               | 1.3                                       | 0.2  | 0.5                                      | 0.2  | 1.0   | 6.6   | 4.0                                | 0.6   | 1.4                                | 0.0                                   |
| July  | 1.2  | 0.0  | 0.4   | 3.6              | 2.5                         | 3.8               | 1.7                                       | 0.3  | 0.7                                      | 0.3  | 1.5   | 6.6   | 4.0                                | 0.6   | 0.0                                | 0.0                                   |
| Aug   | 1.1  | 0.0  | 0.3   | 2.9              | 2.1                         | 2.8               | 1.4                                       | 0.2  | 0.6                                      | 0.2  | 0.9   | 6.6   | 4.0                                | 0.5   | 0.0                                | 0.0                                   |
| <b>Public building and loan associations</b>  |  |  |   |                  |                             |                   |   |  |  |  |   |   |                                    |   |                                    |                                       |
| 2008 June                                     | 0.7  | 0.0  | 0.3   | 1.4              | 1.1                         | 1.1               | 0.6                                       | 0.1  | 0.3                                      | 0.1  | 0.2   | 4.2   | 3.7                                | 0.3   | 0.7                                | 0.0                                   |
| July  | 0.7  | 0.0  | 0.3   | 1.4              | 1.2                         | 1.3               | 0.7                                       | 0.2  | 0.4                                      | 0.2  | 0.2   | 4.1   | 3.7                                | 0.3   | 0.0                                | 0.0                                   |
| Aug   | 0.6  | 0.0  | 0.2   | 1.2              | 1.0                         | 1.0               | 0.5                                       | 0.1  | 0.3                                      | 0.1  | 0.2   | 4.1   | 3.7                                | 0.3   | 0.0                                | 0.0                                   |

\* Excluding assets and liabilities and/or transactions of foreign branches. The figures for the latest date are always to be regarded as provisional. Subsequent revisions, which appear in the following *Monthly Report*, are not specially marked. — 1 Including postal giro account balances, claims on building and loan associations, claims arising from registered debt securities and central bank credit balances. — 2 Loans under savings and loan contracts and interim and bridging loans. — 3 Including money market paper and small amounts of other securities issued by banks. — 4 Including equalisation claims. — 5 Including liabilities to building and loan associations. — 6 Including small amounts of savings deposits. — 7 Including participation rights capital and fund for general banking risks. — 8 Total

amount covered by the contracts; only contracts newly entered into, for which the contract fee has been fully paid. Increases in the sum contracted count as new contracts. — 9 For disbursements of deposits under savings and loan contracts arising from the allocation of contracts see "Capital disbursed". — 10 Including housing bonuses credited. — 11 Only allocations accepted by the beneficiaries; including allocations applied to settlement of interim and bridging loans. — 12 The amounts already credited to the accounts of savers or borrowers are also included in "Amounts paid into savings and loan accounts" and "Interest and repayments received on building loans".

IV Banks

13 Assets and liabilities of the foreign branches and foreign subsidiaries of German banks (MFIs) \*

€ billion

| Period                        | Number of   |  | Balance sheet total | Lending to banks (MFIs) |                           |              |               |                                    | Lending to non-banks (non-MFIs) |        |                     |                                     |                                  | Other assets |                      |
|-------------------------------|---|--|---------------------|-------------------------|---------------------------|--------------|---------------|------------------------------------|---------------------------------|--------|---------------------|-------------------------------------|----------------------------------|--------------|----------------------|
|                               | German banks (MFIs) with foreign branches and/or foreign subsidiaries | foreign branches 1 and/or foreign subsidiaries |                     | Total                   | Credit balances and loans |              |               | Money market paper, securities 2,3 | Total                           | Loans  |                     |                                     | Money market paper, securities 2 |              |                      |
|                               |   |  |                     |                         | Total                     | German banks | Foreign banks |                                    |                                 | Total  | to German non-banks | of which enterprises and households |                                  |              | to foreign non-banks |
|                               |   |  |                     |                         |                           |              |               |                                    |                                 |        |                     |                                     |                                  |              |                      |
| <b>Foreign branches</b>       |   |  |                     |                         |                           |              |               |                                    |                                 |        |                     |                                     |                                  |              |                      |
| <b>End of year or month *</b> |   |  |                     |                         |                           |              |               |                                    |                                 |        |                     |                                     |                                  |              |                      |
| 2005                          | 54  | 211  | 1,626.5             | 713.1                   | 640.8                     | 180.1        | 460.7         | 72.3                               | 805.8                           | 587.7  | 22.0                | 21.5                                | 565.7                            | 218.1        | 107.6                |
| 2006                          | 53  | 213  | 1,743.7             | 711.6                   | 635.5                     | 194.1        | 441.4         | 76.1                               | 897.7                           | 671.8  | 18.5                | 17.9                                | 653.3                            | 226.0        | 134.3                |
| 2007                          | 52  | 218  | 2,042.4             | 813.8                   | 743.1                     | 238.6        | 504.5         | 70.7                               | 1,066.8                         | 811.4  | 21.6                | 20.7                                | 789.8                            | 255.3        | 161.8                |
| 2007 Oct                      | 52  | 218  | 2,069.8             | 832.1                   | 754.9                     | 256.7        | 498.2         | 77.1                               | 1,080.6                         | 812.1  | 24.9                | 24.0                                | 787.2                            | 268.5        | 157.2                |
| 2007 Nov                      | 52  | 218  | 2,067.1             | 816.2                   | 741.4                     | 247.6        | 493.9         | 74.7                               | 1,085.5                         | 827.8  | 24.9                | 24.1                                | 802.9                            | 257.8        | 165.4                |
| 2007 Dec                      | 52  | 218  | 2,042.4             | 813.8                   | 743.1                     | 238.6        | 504.5         | 70.7                               | 1,066.8                         | 811.4  | 21.6                | 20.7                                | 789.8                            | 255.3        | 161.8                |
| 2008 Jan                      | 52  | 217  | 2,080.4             | 837.3                   | 764.6                     | 255.2        | 509.4         | 72.7                               | 1,087.8                         | 833.6  | 22.7                | 21.6                                | 810.9                            | 254.2        | 155.3                |
| 2008 Feb                      | 52  | 219  | 2,014.6             | 819.5                   | 748.5                     | 248.1        | 500.4         | 71.1                               | 1,049.3                         | 788.5  | 24.4                | 23.3                                | 764.1                            | 260.7        | 145.8                |
| 2008 Mar                      | 52  | 220  | 1,980.6             | 812.8                   | 744.6                     | 255.0        | 489.6         | 68.2                               | 1,025.6                         | 777.1  | 25.5                | 24.2                                | 751.5                            | 248.5        | 142.2                |
| 2008 Apr                      | 53  | 221  | 1,986.1             | 804.0                   | 738.0                     | 265.8        | 472.2         | 65.9                               | 1,023.8                         | 770.8  | 23.5                | 22.2                                | 747.3                            | 253.0        | 158.3                |
| 2008 May                      | 53  | 221  | 2,006.1             | 822.1                   | 755.3                     | 273.4        | 481.9         | 66.8                               | 1,031.1                         | 777.3  | 23.4                | 22.1                                | 753.9                            | 253.8        | 152.9                |
| 2008 June                     | 55  | 224  | 1,893.5             | 804.7                   | 738.8                     | 244.4        | 494.5         | 65.9                               | 959.9                           | 719.8  | 22.0                | 20.6                                | 697.9                            | 240.1        | 128.9                |
| 2008 July                     | 55  | 224  | 1,858.5             | 768.1                   | 703.2                     | 235.9        | 467.3         | 64.8                               | 960.2                           | 719.9  | 22.7                | 21.3                                | 697.1                            | 240.4        | 130.2                |
| <b>Changes *</b>              |   |  |                     |                         |                           |              |               |                                    |                                 |        |                     |                                     |                                  |              |                      |
| 2006                          | - 1   | + 2  | +204.9              | + 29.4                  | + 23.7                    | + 13.9       | + 9.8         | + 5.6                              | +142.8                          | +123.1 | - 3.5               | - 3.7                               | +126.6                           | + 19.7       | + 32.8               |
| 2007                          | - 1   | + 5  | +406.5              | +132.8                  | +136.4                    | + 44.5       | + 91.9        | - 3.6                              | +240.6                          | +196.1 | + 3.1               | + 2.9                               | +192.9                           | + 44.5       | + 33.1               |
| 2007 Oct                      | -   | + 2  | + 27.6              | + 32.6                  | + 32.1                    | + 6.3        | + 25.7        | + 0.5                              | - 5.6                           | - 6.1  | - 1.0               | - 1.0                               | - 5.1                            | + 0.5        | + 0.6                |
| 2007 Nov                      | -   | -  | + 18.5              | - 9.0                   | - 7.0                     | - 9.2        | + 2.2         | - 2.0                              | + 18.5                          | + 26.3 | + 0.1               | + 0.1                               | + 26.2                           | - 7.8        | + 9.0                |
| 2007 Dec                      | -   | -  | - 21.8              | - 2.0                   | + 2.0                     | - 8.9        | + 10.9        | - 4.0                              | - 16.6                          | - 14.4 | - 3.3               | - 3.3                               | - 11.1                           | - 2.2        | - 3.2                |
| 2008 Jan                      | -   | - 1  | + 45.5              | + 25.8                  | + 23.6                    | + 16.6       | + 7.1         | + 2.2                              | + 26.0                          | + 26.2 | + 1.1               | + 0.8                               | + 25.1                           | - 0.1        | - 6.4                |
| 2008 Feb                      | -   | + 2  | - 46.2              | - 11.6                  | - 10.2                    | - 7.1        | - 3.1         | - 1.4                              | - 26.1                          | - 35.2 | + 1.7               | + 1.7                               | - 36.9                           | + 9.2        | - 8.5                |
| 2008 Mar                      | -   | + 1  | + 5.2               | + 6.0                   | + 8.2                     | + 7.0        | + 1.3         | - 2.2                              | + 1.2                           | + 7.8  | + 1.1               | + 1.0                               | + 6.7                            | - 6.5        | - 2.0                |
| 2008 Apr                      | + 1   | + 1  | - 5.8               | - 13.1                  | - 10.6                    | + 10.8       | - 21.4        | - 2.5                              | - 8.6                           | - 11.3 | - 2.0               | - 2.1                               | - 9.3                            | + 2.8        | + 15.9               |
| 2008 May                      | -   | -  | + 18.1              | + 17.5                  | + 16.7                    | + 7.6        | + 9.1         | + 0.8                              | + 5.9                           | + 5.5  | - 0.1               | - 0.1                               | + 5.5                            | + 0.5        | - 5.4                |
| 2008 June                     | + 2   | + 3  | - 97.0              | - 12.3                  | - 11.6                    | - 29.0       | + 17.4        | - 0.7                              | - 61.4                          | - 50.0 | - 1.4               | - 1.5                               | - 48.5                           | - 11.4       | - 23.3               |
| 2008 July                     | -   | -  | - 41.4              | - 39.0                  | - 37.8                    | - 8.5        | - 29.4        | - 1.1                              | - 3.7                           | - 3.0  | + 0.7               | + 0.7                               | - 3.7                            | - 0.7        | + 1.2                |
| <b>Foreign subsidiaries</b>   |   |  |                     |                         |                           |              |               |                                    |                                 |        |                     |                                     |                                  |              |                      |
| <b>End of year or month *</b> |   |  |                     |                         |                           |              |               |                                    |                                 |        |                     |                                     |                                  |              |                      |
| 2005                          | 43  | 153  | 713.6               | 320.9                   | 249.4                     | 119.9        | 129.6         | 71.4                               | 324.6                           | 224.0  | 39.0                | 35.8                                | 185.0                            | 100.6        | 68.1                 |
| 2006                          | 40  | 142  | 761.2               | 341.9                   | 262.8                     | 124.1        | 138.7         | 79.1                               | 347.3                           | 218.7  | 38.0                | 36.4                                | 180.7                            | 128.6        | 72.1                 |
| 2007                          | 39  | 120  | 590.8               | 267.8                   | 202.4                     | 104.8        | 97.5          | 65.5                               | 263.9                           | 176.0  | 37.8                | 36.8                                | 138.1                            | 87.9         | 59.0                 |
| 2007 Oct                      | 41  | 112  | 588.0               | 270.5                   | 200.6                     | 109.0        | 91.6          | 69.9                               | 260.8                           | 150.9  | 36.2                | 34.8                                | 114.8                            | 109.9        | 56.7                 |
| 2007 Nov                      | 41  | 112  | 586.7               | 269.7                   | 199.6                     | 105.4        | 94.1          | 70.1                               | 258.8                           | 152.1  | 36.7                | 35.3                                | 115.5                            | 106.7        | 58.2                 |
| 2007 Dec                      | 39  | 120  | 590.8               | 267.8                   | 202.4                     | 104.8        | 97.5          | 65.5                               | 263.9                           | 176.0  | 37.8                | 36.8                                | 138.1                            | 87.9         | 59.0                 |
| 2008 Jan                      | 39  | 121  | 598.1               | 273.3                   | 206.9                     | 108.9        | 98.0          | 66.4                               | 265.0                           | 177.9  | 38.4                | 37.4                                | 139.5                            | 87.1         | 59.7                 |
| 2008 Feb                      | 39  | 122  | 598.8               | 272.0                   | 206.0                     | 108.7        | 97.2          | 66.1                               | 264.4                           | 179.2  | 39.7                | 38.7                                | 139.5                            | 85.3         | 62.3                 |
| 2008 Mar                      | 39  | 121  | 600.7               | 273.9                   | 208.4                     | 111.9        | 96.5          | 65.6                               | 262.9                           | 179.8  | 40.5                | 39.5                                | 139.2                            | 83.1         | 63.8                 |
| 2008 Apr                      | 39  | 121  | 608.9               | 278.6                   | 213.2                     | 110.7        | 102.5         | 65.4                               | 266.7                           | 183.3  | 40.0                | 39.1                                | 143.4                            | 83.4         | 63.6                 |
| 2008 May                      | 39  | 121  | 610.9               | 280.2                   | 214.2                     | 115.2        | 99.0          | 65.9                               | 267.8                           | 185.7  | 40.4                | 39.5                                | 145.3                            | 82.1         | 63.0                 |
| 2008 June                     | 39  | 121  | 611.5               | 279.2                   | 213.2                     | 110.8        | 102.4         | 66.1                               | 269.0                           | 187.6  | 39.6                | 38.7                                | 148.0                            | 81.4         | 63.3                 |
| 2008 July                     | 39  | 121  | 602.8               | 268.8                   | 203.1                     | 98.4         | 104.7         | 65.7                               | 271.0                           | 190.0  | 40.2                | 39.3                                | 149.8                            | 81.0         | 63.1                 |
| <b>Changes *</b>              |   |  |                     |                         |                           |              |               |                                    |                                 |        |                     |                                     |                                  |              |                      |
| 2006                          | - 3   | - 11   | + 62.6              | + 29.7                  | + 17.9                    | + 4.3        | + 13.6        | + 11.8                             | + 28.3                          | - 0.7  | - 1.0               | + 0.6                               | + 0.3                            | + 29.0       | + 4.7                |
| 2007                          | - 1   | - 22   | -155.7              | - 64.1                  | - 55.8                    | - 19.3       | - 36.5        | - 8.3                              | - 79.1                          | - 38.8 | - 0.2               | + 0.4                               | - 38.6                           | - 40.4       | - 12.5               |
| 2007 Oct                      | + 1   | + 2  | - 0.0               | - 2.8                   | - 3.6                     | - 1.5        | - 2.1         | + 0.8                              | + 1.9                           | + 4.1  | - 0.0               | + 0.0                               | + 4.1                            | - 2.3        | + 0.9                |
| 2007 Nov                      | -   | -  | + 1.2               | + 1.0                   | - 0.2                     | - 3.6        | + 3.4         | + 1.2                              | - 1.3                           | + 1.9  | + 0.5               | + 0.5                               | + 1.4                            | - 3.1        | + 1.5                |
| 2007 Dec                      | - 2   | + 8  | + 4.5               | - 1.6                   | + 3.0                     | - 0.6        | + 3.6         | - 4.5                              | + 5.2                           | + 24.0 | + 1.2               | + 1.5                               | + 22.8                           | - 18.8       | + 0.9                |
| 2008 Jan                      | -   | + 1  | + 7.8               | + 5.9                   | + 4.7                     | + 4.1        | + 0.6         | + 1.2                              | + 1.1                           | + 1.9  | + 0.6               | + 0.6                               | + 1.3                            | - 0.8        | + 0.7                |
| 2008 Feb                      | -   | + 1  | + 2.6               | - 0.1                   | - 0.3                     | - 0.2        | - 0.2         | + 0.3                              | + 0.0                           | + 1.8  | + 1.3               | + 1.3                               | + 0.5                            | - 1.8        | + 2.7                |
| 2008 Mar                      | -   | - 1  | + 6.1               | + 4.6                   | + 3.8                     | + 3.2        | + 0.6         | + 0.8                              | - 0.2                           | + 1.8  | + 0.8               | + 0.8                               | + 1.0                            | - 2.0        | + 1.7                |
| 2008 Apr                      | -   | -  | + 8.2               | + 4.7                   | + 4.8                     | - 1.2        | + 6.0         | - 0.1                              | + 3.8                           | + 3.6  | - 0.6               | - 0.4                               | + 4.1                            | + 0.2        | - 0.2                |
| 2008 May                      | -   | -  | + 1.9               | + 1.4                   | + 1.0                     | + 4.5        | - 3.5         | + 0.4                              | + 1.1                           | + 2.4  | + 0.4               | + 0.4                               | + 2.0                            | - 1.3        | - 0.6                |
| 2008 June                     | -   | -  | + 1.9               | - 0.0                   | - 0.6                     | - 4.5        | + 3.8         | + 0.6                              | + 1.6                           | + 2.3  | - 0.8               | - 0.8                               | + 3.1                            | - 0.7        | + 0.3                |
| 2008 July                     | -   | -  | - 9.1               | - 10.8                  | - 10.3                    | - 12.4       | + 2.1         | - 0.6                              | + 2.0                           | + 2.4  | + 0.6               | + 0.6                               | + 1.8                            | - 0.4        | - 0.2                |

\* In this table "foreign" also includes the country of domicile of the foreign branches and foreign subsidiaries. Statistical revisions have been eliminated from the changes. (Breaks owing to changes in the reporting population have not been eliminated from the flow figures for the foreign subsidiar-

ies.) The figures for the latest date are always to be regarded as provisional; subsequent revisions, which appear in the following Monthly Report, are not specially marked. — 1 Several branches in a given country of domicile

IV Banks

| Deposits               |         |              |               |                         |                               |            |                                     |                      |                                     |                   |        |        | Money market paper and debt securities outstanding <sup>5</sup> | Working capital and own funds | Other liabilities <sup>6</sup> | Period |
|------------------------|---------|--------------|---------------|-------------------------|-------------------------------|------------|-------------------------------------|----------------------|-------------------------------------|-------------------|--------|--------|---|-------------------------------|--------------------------------|--------|
| of banks (MFIs)        |         |              |               | of non-banks (non-MFIs) |                               |            |                                     |                      |                                     | Foreign non-banks |        |        |   |                               |                                |        |
| Total                  | Total   | German banks | Foreign banks | Total                   | German non-banks <sup>4</sup> |            |                                     |                      |                                     |                   |        |        |   |                               |                                |        |
|                        |         |              |               |                         | Total                         | Short-term |                                     | Medium and long-term |                                     |                   |        |        |   |                               |                                |        |
|                        |         |              |               |                         |                               | Total      | of which enterprises and households | Total                | of which enterprises and households |                   |        |        |   |                               |                                |        |
| End of year or month * |         |              |               |                         |                               |            |                                     |                      |                                     |                   |        |        | Foreign branches  |                               |                                |        |
| 1,362.8                | 912.4   | 373.6        | 538.9         | 450.4                   | 63.9                          | 59.0       | 55.3                                | 4.9                  | 4.6                                 | 386.5             | 171.9  | 20.9   | 70.8  | 2005                          |                                |        |
| 1,442.7                | 984.9   | 398.5        | 586.4         | 457.8                   | 53.8                          | 49.3       | 46.2                                | 4.6                  | 4.1                                 | 403.9             | 181.5  | 27.8   | 91.7  | 2006                          |                                |        |
| 1,723.7                | 1,191.0 | 547.7        | 643.3         | 532.7                   | 55.3                          | 51.2       | 47.5                                | 4.1                  | 3.9                                 | 477.4             | 186.0  | 29.2   | 103.5   | 2007                          |                                |        |
| 1,711.3                | 1,159.4 | 510.7        | 648.7         | 551.9                   | 63.7                          | 59.6       | 56.3                                | 4.1                  | 3.8                                 | 488.2             | 208.5  | 30.1   | 120.0   | 2007 Oct                      |                                |        |
| 1,739.0                | 1,154.7 | 523.7        | 631.0         | 584.3                   | 64.0                          | 60.0       | 55.4                                | 4.1                  | 3.8                                 | 520.3             | 189.8  | 30.1   | 108.2   | Nov                           |                                |        |
| 1,723.7                | 1,191.0 | 547.7        | 643.3         | 532.7                   | 55.3                          | 51.2       | 47.5                                | 4.1                  | 3.9                                 | 477.4             | 186.0  | 29.2   | 103.5   | Dec                           |                                |        |
| 1,767.7                | 1,195.7 | 519.4        | 676.3         | 572.0                   | 60.6                          | 56.5       | 53.6                                | 4.1                  | 3.8                                 | 511.4             | 177.2  | 29.2   | 106.4   | 2008 Jan                      |                                |        |
| 1,709.0                | 1,161.3 | 504.1        | 657.2         | 547.6                   | 57.3                          | 53.2       | 50.2                                | 4.1                  | 3.8                                 | 490.4             | 166.8  | 31.6   | 107.3   | Feb                           |                                |        |
| 1,692.7                | 1,145.9 | 508.3        | 637.5         | 546.8                   | 57.2                          | 53.1       | 50.0                                | 4.1                  | 3.9                                 | 489.6             | 160.9  | 33.8   | 93.2  | Mar                           |                                |        |
| 1,699.1                | 1,146.9 | 512.4        | 634.5         | 552.2                   | 56.9                          | 52.7       | 50.5                                | 4.1                  | 3.9                                 | 495.4             | 157.0  | 33.3   | 96.6  | Apr                           |                                |        |
| 1,709.6                | 1,158.9 | 517.1        | 641.8         | 550.8                   | 53.9                          | 49.7       | 46.8                                | 4.2                  | 3.9                                 | 496.9             | 168.0  | 34.0   | 94.6  | May                           |                                |        |
| 1,609.5                | 1,113.9 | 518.7        | 595.2         | 495.6                   | 49.7                          | 45.6       | 42.2                                | 4.1                  | 3.8                                 | 446.0             | 155.3  | 34.1   | 94.7  | June                          |                                |        |
| 1,574.7                | 1,099.8 | 507.0        | 592.7         | 474.9                   | 48.1                          | 43.7       | 40.9                                | 4.4                  | 3.9                                 | 426.8             | 160.0  | 34.0   | 89.8  | July                          |                                |        |
| Changes *              |         |              |               |                         |                               |            |                                     |                      |                                     |                   |        |        |   |                               |                                |        |
| + 142.5                | +110.0  | + 24.9       | + 85.1        | + 32.5                  | - 10.0                        | - 9.7      | - 9.1                               | - 0.3                | - 0.5                               | + 42.5            | + 9.5  | + 6.9  | + 46.0  | 2006                          |                                |        |
| + 359.0                | +243.9  | +149.2       | + 94.7        | +115.1                  | + 1.5                         | + 2.0      | + 1.3                               | - 0.5                | - 0.2                               | +113.6            | + 4.5  | + 1.3  | + 41.7  | 2007                          |                                |        |
| + 20.8                 | + 41.8  | + 2.8        | + 39.0        | - 21.0                  | + 1.2                         | + 1.7      | + 2.4                               | - 0.5                | - 0.2                               | - 22.2            | + 4.7  | + 0.0  | + 2.0   | 2007 Oct                      |                                |        |
| + 42.9                 | + 3.9   | + 13.0       | - 9.1         | + 39.0                  | + 0.4                         | + 0.4      | - 0.9                               | - 0.0                | + 0.0                               | + 38.6            | - 18.7 | + 0.0  | - 5.7   | Nov                           |                                |        |
| - 13.6                 | + 37.0  | + 24.0       | + 13.0        | - 50.6                  | - 8.7                         | - 8.8      | - 8.0                               | + 0.0                | + 0.1                               | - 41.9            | - 3.8  | - 0.9  | - 3.5   | Dec                           |                                |        |
| + 49.1                 | + 7.3   | - 28.4       | + 35.6        | + 41.9                  | + 5.2                         | + 5.3      | + 6.2                               | - 0.0                | - 0.0                               | + 36.6            | - 8.8  | + 0.0  | + 5.1   | 2008 Jan                      |                                |        |
| - 44.1                 | - 26.2  | - 15.3       | - 10.9        | - 18.0                  | - 3.3                         | - 3.3      | - 3.5                               | + 0.0                | + 0.0                               | - 14.7            | - 10.4 | + 2.4  | + 5.9   | Feb                           |                                |        |
| + 13.2                 | + 1.2   | + 4.3        | - 3.1         | + 12.0                  | - 0.0                         | - 0.1      | - 0.2                               | + 0.0                | + 0.0                               | + 12.0            | - 5.8  | + 2.2  | - 4.3   | Mar                           |                                |        |
| - 2.2                  | - 3.9   | + 4.1        | - 8.0         | + 1.7                   | - 0.3                         | - 0.4      | + 0.5                               | + 0.0                | + 0.0                               | + 2.1             | - 3.9  | - 0.5  | + 0.8   | Apr                           |                                |        |
| + 8.9                  | + 11.1  | + 4.6        | + 6.5         | - 2.3                   | - 3.0                         | - 3.0      | - 3.6                               | + 0.0                | + 0.0                               | + 0.7             | + 11.0 | + 0.6  | - 2.4   | May                           |                                |        |
| - 88.5                 | - 38.5  | + 1.6        | - 40.1        | - 50.1                  | - 4.2                         | - 4.2      | - 4.6                               | - 0.1                | - 0.1                               | - 45.8            | - 12.7 | + 0.1  | + 4.1   | June                          |                                |        |
| - 39.7                 | - 16.8  | - 11.7       | - 5.1         | - 22.9                  | - 1.6                         | - 1.9      | - 1.4                               | + 0.3                | + 0.0                               | - 21.3            | + 4.7  | - 0.1  | - 6.4   | July                          |                                |        |
| End of year or month * |         |              |               |                         |                               |            |                                     |                      |                                     |                   |        |        | Foreign subsidiaries  |                               |                                |        |
| 525.4                  | 310.6   | 103.3        | 207.3         | 214.8                   | 36.0                          | 29.1       | 27.1                                | 7.0                  | 6.8                                 | 178.8             | 79.7   | 41.0   | 67.5  | 2005                          |                                |        |
| 557.3                  | 329.4   | 121.5        | 207.9         | 227.9                   | 40.8                          | 33.0       | 31.6                                | 7.8                  | 7.7                                 | 187.1             | 87.9   | 40.0   | 76.0  | 2006                          |                                |        |
| 437.3                  | 270.1   | 118.2        | 151.9         | 167.2                   | 37.1                          | 30.3       | 29.5                                | 6.8                  | 6.7                                 | 130.1             | 69.5   | 28.6   | 55.4  | 2007                          |                                |        |
| 440.3                  | 275.8   | 120.5        | 155.4         | 164.5                   | 37.0                          | 30.3       | 30.1                                | 6.7                  | 6.6                                 | 127.5             | 62.2   | 28.0   | 57.6  | 2007 Oct                      |                                |        |
| 443.2                  | 275.4   | 121.8        | 153.6         | 167.8                   | 37.7                          | 31.0       | 30.4                                | 6.7                  | 6.6                                 | 130.1             | 59.3   | 27.4   | 56.8  | Nov                           |                                |        |
| 437.3                  | 270.1   | 118.2        | 151.9         | 167.2                   | 37.1                          | 30.3       | 29.5                                | 6.8                  | 6.7                                 | 130.1             | 69.5   | 28.6   | 55.4  | Dec                           |                                |        |
| 445.3                  | 270.6   | 120.5        | 150.2         | 174.7                   | 41.1                          | 34.1       | 33.8                                | 7.0                  | 6.9                                 | 133.6             | 70.2   | 29.2   | 53.3  | 2008 Jan                      |                                |        |
| 448.6                  | 278.2   | 128.8        | 149.5         | 170.4                   | 38.8                          | 31.6       | 31.4                                | 7.2                  | 7.0                                 | 131.6             | 69.0   | 29.1   | 52.2  | Feb                           |                                |        |
| 452.1                  | 278.1   | 134.5        | 143.5         | 174.0                   | 38.9                          | 32.0       | 31.6                                | 6.9                  | 6.8                                 | 135.1             | 67.8   | 29.1   | 51.8  | Mar                           |                                |        |
| 458.0                  | 283.3   | 127.6        | 155.7         | 174.7                   | 37.9                          | 30.9       | 30.6                                | 7.0                  | 6.9                                 | 136.8             | 67.2   | 29.1   | 54.7  | Apr                           |                                |        |
| 459.2                  | 290.5   | 129.7        | 160.8         | 168.8                   | 34.7                          | 27.5       | 27.1                                | 7.2                  | 7.1                                 | 134.1             | 66.6   | 29.3   | 55.9  | May                           |                                |        |
| 461.8                  | 286.8   | 125.6        | 161.1         | 175.0                   | 33.0                          | 26.1       | 25.3                                | 6.9                  | 6.8                                 | 142.1             | 66.4   | 29.3   | 54.1  | June                          |                                |        |
| 452.4                  | 281.9   | 127.0        | 154.9         | 170.5                   | 31.9                          | 25.1       | 24.9                                | 6.8                  | 6.7                                 | 138.6             | 65.5   | 29.5   | 55.4  | July                          |                                |        |
| Changes *              |         |              |               |                         |                               |            |                                     |                      |                                     |                   |        |        |   |                               |                                |        |
| + 43.8                 | + 26.3  | + 18.2       | + 8.0         | + 17.6                  | + 4.8                         | + 3.9      | + 4.5                               | + 0.9                | + 0.9                               | + 12.7            | + 8.2  | - 1.0  | + 11.6  | 2006                          |                                |        |
| - 109.3                | - 53.9  | - 3.4        | - 50.5        | - 55.4                  | - 3.7                         | - 2.6      | - 2.1                               | - 1.1                | - 1.0                               | - 51.7            | - 18.3 | - 11.4 | - 16.7  | 2007                          |                                |        |
| - 1.7                  | - 4.1   | + 1.4        | - 5.4         | + 2.4                   | - 0.3                         | - 0.3      | - 0.1                               | - 0.0                | - 0.0                               | + 2.7             | - 0.8  | + 0.1  | + 2.5   | 2007 Oct                      |                                |        |
| + 4.7                  | + 0.5   | + 1.3        | - 0.9         | + 4.3                   | + 0.7                         | + 0.7      | + 0.2                               | - 0.0                | - 0.0                               | + 3.6             | - 2.9  | - 0.5  | - 0.1   | Nov                           |                                |        |
| - 5.6                  | - 5.2   | - 3.6        | - 1.6         | - 0.4                   | - 0.6                         | - 0.7      | - 0.9                               | + 0.1                | + 0.1                               | + 0.2             | + 10.2 | + 1.2  | - 1.3   | Dec                           |                                |        |
| + 8.4                  | + 0.6   | + 2.3        | - 1.7         | + 7.8                   | + 4.0                         | + 3.7      | + 4.3                               | + 0.2                | + 0.2                               | + 3.8             | + 0.7  | + 0.6  | - 2.0   | 2008 Jan                      |                                |        |
| + 4.8                  | + 8.3   | + 8.3        | - 0.0         | - 3.5                   | - 2.3                         | - 2.4      | - 2.4                               | + 0.2                | + 0.1                               | - 1.2             | - 1.3  | - 0.2  | - 0.7   | Feb                           |                                |        |
| + 6.6                  | + 1.4   | + 5.8        | - 4.4         | + 5.2                   | + 0.1                         | + 0.3      | + 0.2                               | - 0.2                | - 0.1                               | + 5.1             | - 1.2  | + 0.0  | + 0.6   | Mar                           |                                |        |
| + 5.9                  | + 5.2   | - 6.9        | + 12.2        | + 0.7                   | - 1.0                         | - 1.1      | - 1.0                               | + 0.1                | + 0.1                               | + 1.7             | - 0.6  | - 0.0  | + 2.9   | Apr                           |                                |        |
| + 1.1                  | + 7.1   | + 2.1        | + 5.0         | - 6.0                   | - 3.2                         | - 3.4      | - 3.6                               | + 0.1                | + 0.1                               | - 2.8             | - 0.7  | + 0.2  | + 1.2   | May                           |                                |        |
| + 3.6                  | - 3.2   | - 4.1        | + 0.9         | + 6.8                   | - 1.7                         | - 1.4      | - 1.7                               | - 0.3                | - 0.3                               | + 8.5             | - 0.2  | + 0.0  | - 1.6   | June                          |                                |        |
| - 9.8                  | - 5.0   | + 1.4        | - 6.3         | - 4.8                   | - 1.1                         | - 1.0      | - 0.4                               | - 0.1                | - 0.1                               | - 3.7             | - 0.9  | + 0.3  | + 1.3   | July                          |                                |        |

are regarded as a single branch. — 2 Treasury bills, Treasury discount paper and other money market paper, debt securities. — 3 Including own debt securities. — 4 Excluding subordinated liabilities and

non-negotiable debt securities. — 5 Issues of negotiable and non-negotiable debt securities and money market paper. — 6 Including subordinated liabilities.

## V Minimum reserves

### 1 Reserve ratios Germany

% of liabilities subject to reserve requirements

| Applicable from | Sight liabilities | Time liabilities | Savings deposits |
|-----------------|-------------------|------------------|------------------|
| 1995 Aug 1      | 2                 | 2                | 1.5              |

### Euro area

% of reserve base 1

| Applicable from | Ratio |
|-----------------|-------|
| 1999 Jan 1      | 2     |

1 Article 3 of the Regulation of the European Central Bank on the application of minimum reserves (excluding liabilities to which a reserve ratio of 0% applies pursuant to Article 4 (1)).

### 2 Reserve maintenance in Germany up to the end of 1998 – pursuant to the Minimum Reserves Order of the Bundesbank

DM million

| Monthly average 1 | Liabilities subject to reserve requirements |                   |                  |                  | Required reserves 2 | Actual reserves 3 | Excess reserves 4 |                            | Deficiencies |
|-------------------|---|-------------------|------------------|------------------|---------------------|-------------------|-------------------|----------------------------|--------------|
|                   | Total                                       | Sight liabilities | Time liabilities | Savings deposits |                     |                   | Level             | % of the required reserves |              |
| 1995 Dec          | 2,066,565                                   | 579,337           | 519,456          | 967,772          | 36,492              | 37,337            | 845               | 2.3                        | 3            |
| 1996 Dec          | 2,201,464                                   | 655,483           | 474,342          | 1,071,639        | 38,671              | 39,522            | 851               | 2.2                        | 4            |
| 1997 Dec          | 2,327,879                                   | 734,986           | 476,417          | 1,116,477        | 40,975              | 41,721            | 745               | 1.8                        | 3            |
| 1998 Dec          | 2,576,889                                   | 865,444           | 564,878          | 1,146,567        | 45,805              | 46,432            | 627               | 1.4                        | 4            |

1 Pursuant to sections 5 to 7 of the Minimum Reserves Order. 2 Amount after applying the reserve ratios to the liabilities subject to reserve requirements (section 5 (1) of the Minimum Reserves Order). — 3 Average credit

balances of the credit institutions subject to reserve requirements on their giro accounts at the Bundesbank. — 4 Actual reserves less required reserves.

### 3 Reserve maintenance in the euro area – from 1999, pursuant to the ECB Regulation on the application of minimum reserves in accordance with Article 19.1 of the Statute of the ESCB

| Maintenance period beginning in 1    | Reserve base 2 | Required reserves before deduction of lump-sum allowance 3 | Lump-sum allowance 4 | Required reserves after deduction of lump-sum allowance | Current account 5 | Excess reserves 6 | Deficiencies 7 |
|--------------------------------------|----------------|--|----------------------|---|-------------------|-------------------|----------------|
| <b>Euro area (€ billion)</b>         |                |  |                      |   |                   |                   |                |
| 2008 Feb                             | 10,253.8       | 205.1  | 0.5                  | 204.6   | 205.3             | 0.7               | 0.0            |
| Mar                                  | 10,370.4       | 207.4  | 0.5                  | 206.9   | 207.5             | 0.6               | 0.0            |
| Apr                                  | 10,416.7       | 208.3  | 0.5                  | 207.8   | 208.6             | 0.8               | 0.0            |
| May                                  | 10,391.9       | 207.8  | 0.5                  | 207.3   | 208.1             | 0.7               | 0.0            |
| June                                 | 10,618.2       | 212.4  | 0.5                  | 211.9   | 212.7             | 0.8               | 0.0            |
| July                                 | 10,728.4       | 214.6  | 0.5                  | 214.1   | 214.8             | 0.7               | 0.0            |
| Aug                                  | 10,691.7       | 213.8  | 0.5                  | 213.3   | 214.0             | 0.7               | 0.0            |
| Sep p,8                              | 10,765.4       | 215.3  | 0.5                  | 214.8   | 216.8             | 2.0               | ...            |
| Oct P                                | ...            | ...  | ...                  | 216.2   | ...               | ...               | ...            |
| <b>Of which: Germany (€ million)</b> |                |  |                      |   |                   |                   |                |
| 2008 Feb                             | 2,426,935      | 48,539   | 197                  | 48,342  | 48,569            | 227               | 1              |
| Mar                                  | 2,428,235      | 48,565   | 197                  | 48,368  | 48,556            | 188               | 0              |
| Apr                                  | 2,425,851      | 48,517   | 196                  | 48,321  | 48,581            | 260               | 1              |
| May                                  | 2,453,700      | 49,074   | 196                  | 48,878  | 49,075            | 197               | 2              |
| June                                 | 2,476,801      | 49,536   | 196                  | 49,340  | 49,520            | 180               | 1              |
| July                                 | 2,506,799      | 50,136   | 195                  | 49,941  | 50,106            | 165               | 0              |
| Aug                                  | 2,513,647      | 50,273   | 194                  | 50,079  | 50,242            | 163               | 0              |
| Sep                                  | 2,516,227      | 50,325   | 193                  | 50,131  | 51,179            | 1,048             | 3              |
| Oct P                                | 2,540,864      | 50,817   | 192                  | 50,625  | ...               | ...               | ...            |

1 From March 2004, the reserve maintenance period will start on the settlement day of the main refinancing operation immediately following the meeting of the Governing Council of the ECB for which the monthly discussion of the monetary policy stance is scheduled. — 2 Article 3 of the Regulation of the European Central Bank on the application of minimum reserves (excluding liabilities to which a reserve ratio of 0% applies, pursuant to Article 4 (1)). — 3 Amount after applying the reserve ratios to the

reserve base. — 4 Article 5 (2) of the Regulation of the European Central Bank on the application of minimum reserves. — 5 Average credit balances of the credit institutions at the national central banks. — 6 Average credit balances less required reserves after deduction of the lump-sum allowance. — 7 Required reserves after deduction of the lump-sum allowance. — 8 The total number of deficiencies was not available when this report went to press.

VI Interest rates

1 ECB interest rates

2 Base rates

% per annum

| Applicable from | Deposit facility | Main refinancing operations |                  | Marginal lending facility | Applicable from | Deposit facility | Main refinancing operations |                  | Marginal lending facility |
|-----------------|------------------|-----------------------------|------------------|---------------------------|-----------------|------------------|-----------------------------|------------------|---------------------------|
|                 |                  | Fixed rate                  | Minimum bid rate |                           |                 |                  | Fixed rate                  | Minimum bid rate |                           |
| 1999 Jan 1      | 2.00             | 3.00                        | –                | 4.50                      | 2003 Mar 7      | 1.50             | –                           | 2.50             | 3.50                      |
| Jan 4           | 2.75             | 3.00                        | –                | 3.25                      | June 6          | 1.00             | –                           | 2.00             | 3.00                      |
| Jan 22          | 2.00             | 3.00                        | –                | 4.50                      |                 |                  |                             |                  |                           |
| Apr 9           | 1.50             | 2.50                        | –                | 3.50                      | 2005 Dec 6      | 1.25             | –                           | 2.25             | 3.25                      |
| Nov 5           | 2.00             | 3.00                        | –                | 4.00                      |                 |                  |                             |                  |                           |
| 2000 Feb 4      | 2.25             | 3.25                        | –                | 4.25                      | 2006 Mar 8      | 1.50             | –                           | 2.50             | 3.50                      |
| Mar 17          | 2.50             | 3.50                        | –                | 4.50                      | June 15         | 1.75             | –                           | 2.75             | 3.75                      |
| Apr 28          | 2.75             | 3.75                        | –                | 4.75                      | Aug 9           | 2.00             | –                           | 3.00             | 4.00                      |
| June 9          | 3.25             | 4.25                        | –                | 5.25                      | Oct 11          | 2.25             | –                           | 3.25             | 4.25                      |
| June 28         | 3.25             | –                           | 4.25             | 5.25                      | Dec 13          | 2.50             | –                           | 3.50             | 4.50                      |
| Sep 1           | 3.50             | –                           | 4.50             | 5.50                      | 2007 Mar 14     | 2.75             | –                           | 3.75             | 4.75                      |
| Oct 6           | 3.75             | –                           | 4.75             | 5.75                      | June 13         | 3.00             | –                           | 4.00             | 5.00                      |
| 2001 May 11     | 3.50             | –                           | 4.50             | 5.50                      | 2008 July 9     | 3.25             | –                           | 4.25             | 5.25                      |
| Aug 31          | 3.25             | –                           | 4.25             | 5.25                      | Oct 8           | 2.75             | –                           | 3.75             | 4.75                      |
| Sep 18          | 2.75             | –                           | 3.75             | 4.75                      | Oct 9           | 3.25             | 3.75                        | –                | 4.25                      |
| Nov 9           | 2.25             | –                           | 3.25             | 4.25                      |                 |                  |                             |                  |                           |
| 2002 Dec 6      | 1.75             | –                           | 2.75             | 3.75                      |                 |                  |                             |                  |                           |

% per annum

| Applicable from | Base rate as per Discount Rate Transition Act 1 | Applicable from | Base rate as per Civil Code 2 |
|-----------------|---|-----------------|-------------------------------|
| 1999 Jan 1      | 2.50  | 2002 Jan 1      | 2.57                          |
| May 1           | 1.95  | July 1          | 2.47                          |
| 2000 Jan 1      | 2.68  | 2003 Jan 1      | 1.97                          |
| May 1           | 3.42  | July 1          | 1.22                          |
| Sep 1           | 4.26  | 2004 Jan 1      | 1.14                          |
| 2001 Sep 1      | 3.62  | July 1          | 1.13                          |
| 2002 Jan 1      | 2.71  | 2005 Jan 1      | 1.21                          |
| to Apr 3        |   | July 1          | 1.17                          |
|                 |   | 2006 Jan 1      | 1.37                          |
|                 |   | July 1          | 1.95                          |
|                 |   | 2007 Jan 1      | 2.70                          |
|                 |   | July 1          | 3.19                          |
|                 |   | 2008 Jan 1      | 3.32                          |
|                 |   | July 1          | 3.19                          |

1 Pursuant to the Discount Rate Transition Act, read in conjunction with the Regulation Governing the Use of the Base Rate as a Reference Variable. —

2 Pursuant to section 247 of the Civil Code.

3 Eurosystem monetary policy operations allotted through tenders \*

| Date of settlement                        | Bid amount | Allotment amount | Fixed rate tenders |             | Variable rate tenders |                 |                       | Running for ... days |
|---|------------|------------------|--------------------|-------------|-----------------------|-----------------|-----------------------|----------------------|
|   |            |                  | Fixed rate         | % per annum | Minimum bid rate      | Marginal rate 1 | Weighted average rate |                      |
| <b>Main refinancing operations</b>        |            |                  |                    |             |                       |                 |                       |                      |
| 2008 Sep 3                                | 226,254    | 160,000          | –                  | –           | 4.25                  | 4.39            | 4.41                  | 7                    |
| Sep 10                                    | 223,273    | 176,500          | –                  | –           | 4.25                  | 4.39            | 4.41                  | 7                    |
| Sep 17                                    | 328,662    | 150,000          | –                  | –           | 4.25                  | 4.53            | 4.58                  | 7                    |
| Sep 24                                    | 334,044    | 180,000          | –                  | –           | 4.25                  | 4.73            | 4.78                  | 7                    |
| Oct 1                                     | 228,012    | 190,000          | –                  | –           | 4.25                  | 4.65            | 4.96                  | 7                    |
| Oct 8                                     | 271,271    | 250,000          | –                  | –           | 4.25                  | 4.70            | 4.99                  | 7                    |
| Oct 15                                    | 310,412    | 310,412          | 3.75               | –           | –                     | –               | –                     | 7                    |
| <b>Longer-term refinancing operations</b> |            |                  |                    |             |                       |                 |                       |                      |
| 2008 Sep 11                               | 69,500     | 50,000           | –                  | –           | –                     | 4.45            | 4.66                  | 91                   |
| Sep 25                                    | 154,577    | 50,000           | –                  | –           | –                     | 4.98            | 5.11                  | 84                   |
| Sep 30                                    | 141,683    | 120,000          | –                  | –           | –                     | 4.36            | 4.88                  | 38                   |
| Oct 9                                     | 113,793    | 50,000           | –                  | –           | –                     | 5.36            | 5.57                  | 182                  |

Source: ECB. — \* Enlargement of the euro area on 1 January 2008 to include Malta and Cyprus. — 1 Lowest or highest interest rate at which

funds were allotted or collected.

4 Money market rates, by month

% per annum

| Reporting period | Money market rates reported by Frankfurt banks 1 |                          |                   |                          | EONIA 2 | EURIBOR 3        |                 |                   |                 |                  |                    |
|------------------|--|--------------------------|-------------------|--------------------------|---------|------------------|-----------------|-------------------|-----------------|------------------|--------------------|
|                  | Overnight money                                  |                          | Three-month funds |                          |         | One-week funds   | One-month funds | Three-month funds | Six-month funds | Nine-month funds | Twelve-month funds |
|                  | Monthly averages                                 | Lowest and highest rates | Monthly averages  | Lowest and highest rates |         | Monthly averages |                 |                   |                 |                  |                    |
| 2008 Mar         | 4.08   | 3.98 – 4.26              | 4.57              | 4.33 – 4.74              | 4.09    | 4.19             | 4.30            | 4.60              | 4.59            | 4.59             | 4.59               |
| Apr              | 3.98   | 3.75 – 4.24              | 4.75              | 4.68 – 4.86              | 3.99    | 4.24             | 4.37            | 4.78              | 4.80            | 4.81             | 4.82               |
| May              | 4.01   | 3.70 – 4.15              | 4.83              | 4.80 – 4.88              | 4.01    | 4.22             | 4.39            | 4.86              | 4.90            | 4.94             | 4.99               |
| June             | 3.98   | 3.65 – 4.20              | 4.91              | 4.81 – 4.97              | 4.01    | 4.20             | 4.47            | 4.94              | 5.09            | 5.23             | 5.36               |
| July             | 4.17   | 3.65 – 4.37              | 4.93              | 4.90 – 4.97              | 4.19    | 4.34             | 4.47            | 4.96              | 5.15            | 5.25             | 5.39               |
| Aug              | 4.28   | 4.22 – 4.35              | 4.94              | 4.91 – 4.98              | 4.30    | 4.40             | 4.49            | 4.97              | 5.16            | 5.23             | 5.32               |
| Sep              | 4.22   | 3.35 – 4.55              | 4.99              | 4.90 – 5.30              | 4.27    | 4.53             | 4.66            | 5.02              | 5.22            | 5.29             | 5.38               |

1 Money market rates are not fixed or quoted officially; the monthly averages computed from daily quotations are unweighted. — 2 Euro OverNight Index Average: weighted average overnight rate for interbank operations calculated by the European Central Bank since 4 January 1999 on the basis

of real turnover according to the act/360 method and published via Moneyline Telerate. — 3 Euro Interbank Offered Rate: unweighted average rate calculated by Moneyline Telerate since 30 December 1998 according to the act/360 method.

## VI Interest rates

### 5 Interest rates for outstanding amounts and new business of banks (MFIs) in the European monetary union \* (a) Outstanding amounts °

Effective interest rate % per annum <sup>1</sup>

| End of month          | Households' deposits                 |              |               |              | Loans to households |                               |              |                                 |                               |              | Loans to non-financial corporations |                               |              |
|-----------------------|--------------------------------------|--------------|---------------|--------------|---------------------|-------------------------------|--------------|---------------------------------|-------------------------------|--------------|-------------------------------------|-------------------------------|--------------|
|                       | Non-financial corporations' deposits |              |               |              | Housing loans       |                               |              | Consumer credit and other loans |                               |              |                                     |                               |              |
|                       | with an agreed maturity of           |              |               |              | with a maturity of  |                               |              |                                 |                               |              |                                     |                               |              |
|                       | up to 2 years                        | over 2 years | up to 2 years | over 2 years | up to 1 year        | over 1 year and up to 5 years | over 5 years | up to 1 year                    | over 1 year and up to 5 years | over 5 years | up to 1 year                        | over 1 year and up to 5 years | over 5 years |
| 2008 Jan <sup>3</sup> | 3.98                                 | 3.06         | 4.27          | 4.21         | 5.62                | 4.75                          | 5.01         | 8.99                            | 7.15                          | 6.24         | 6.06                                | 5.55                          | 5.27         |
| Feb                   | 3.99                                 | 3.11         | 4.23          | 4.24         | 5.60                | 4.82                          | 5.03         | 9.05                            | 7.21                          | 6.26         | 5.99                                | 5.52                          | 5.30         |
| Mar                   | 4.01                                 | 3.07         | 4.29          | 4.24         | 5.61                | 4.80                          | 5.02         | 9.06                            | 7.19                          | 6.25         | 5.99                                | 5.51                          | 5.27         |
| Apr                   | 4.07                                 | 3.07         | 4.37          | 4.29         | 5.59                | 4.85                          | 5.03         | 9.07                            | 7.22                          | 6.28         | 6.04                                | 5.54                          | 5.29         |
| May                   | 4.13                                 | 3.06         | 4.43          | 4.27         | 5.61                | 4.85                          | 5.05         | 9.08                            | 7.22                          | 6.27         | 6.09                                | 5.59                          | 5.32         |
| June                  | 4.20                                 | 3.08         | 4.47          | 4.31         | 5.66                | 4.89                          | 5.07         | 9.11                            | 7.29                          | 6.35         | 6.18                                | 5.68                          | 5.39         |
| July                  | 4.31                                 | 3.07         | 4.59          | 4.40         | 5.70                | 4.93                          | 5.11         | 9.19                            | 7.35                          | 6.37         | 6.25                                | 5.76                          | 5.44         |
| Aug                   | 4.38                                 | 3.09         | 4.65          | 4.38         | 5.76                | 4.96                          | 5.11         | 9.26                            | 7.38                          | 6.41         | 6.28                                | 5.79                          | 5.46         |

### (b) New business +

Effective interest rate % per annum <sup>1</sup>

| Reporting period      | Households' deposits |                            |                               |              |                         |               | Non-financial corporations' deposits |                            |                               |              |  |  |
|-----------------------|----------------------|----------------------------|-------------------------------|--------------|-------------------------|---------------|--------------------------------------|----------------------------|-------------------------------|--------------|--|--|
|                       | Overnight            | with an agreed maturity of |                               |              | redeemable at notice of |               | Overnight                            | with an agreed maturity of |                               |              |  |  |
|                       |                      | up to 1 year               | over 1 year and up to 2 years | over 2 years | up to 3 months          | over 3 months |                                      | up to 1 year               | over 1 year and up to 2 years | over 2 years |  |  |
| 2008 Jan <sup>3</sup> | 1.20                 | 4.19                       | 4.32                          | 3.43         | 2.57                    | 3.75          | 2.01                                 | 4.13                       | 4.38                          | 4.68         |  |  |
| Feb                   | 1.21                 | 4.10                       | 4.18                          | 3.22         | 2.65                    | 3.77          | 2.01                                 | 4.07                       | 4.18                          | 4.36         |  |  |
| Mar                   | 1.22                 | 4.14                       | 3.97                          | 3.08         | 2.69                    | 3.78          | 2.03                                 | 4.20                       | 4.23                          | 4.07         |  |  |
| Apr                   | 1.22                 | 4.28                       | 4.16                          | 3.14         | 2.72                    | 3.81          | 2.05                                 | 4.27                       | 4.56                          | 4.64         |  |  |
| May                   | 1.23                 | 4.32                       | 4.27                          | 3.17         | 2.73                    | 3.84          | 2.07                                 | 4.26                       | 4.68                          | 4.48         |  |  |
| June                  | 1.24                 | 4.43                       | 4.62                          | 3.28         | 2.74                    | 3.88          | 2.06                                 | 4.28                       | 4.72                          | 4.01         |  |  |
| July                  | 1.26                 | 4.61                       | 4.83                          | 3.37         | 2.81                    | 3.94          | 2.14                                 | 4.46                       | 5.06                          | 4.57         |  |  |
| Aug                   | 1.29                 | 4.59                       | 4.84                          | 3.45         | 2.87                    | 3.98          | 2.17                                 | 4.46                       | 5.31                          | 4.55         |  |  |

### Loans to households

| Reporting period      | Over-drafts | Consumer credit    |                               |                               |              |                    | Housing loans                 |                               |              |               |                               | Other loans                   |              |  |
|-----------------------|-------------|--------------------|-------------------------------|-------------------------------|--------------|--------------------|-------------------------------|-------------------------------|--------------|---------------|-------------------------------|-------------------------------|--------------|--|
|                       |             | Total <sup>2</sup> | with an initial rate fixation |                               |              | Total <sup>2</sup> | with an initial rate fixation |                               |              | over 10 years | floating rate or up to 1 year | over 1 year and up to 5 years | over 5 years |  |
|                       |             |                    | floating rate or up to 1 year | over 1 year and up to 5 years | over 5 years |                    | floating rate or up to 1 year | over 1 year and up to 5 years | over 5 years |               |                               |                               |              |  |
| 2008 Jan <sup>3</sup> | 10.46       | 8.48               | 8.12                          | 7.00                          | 8.47         | 5.37               | 5.32                          | 5.02                          | 5.07         | 5.14          | 5.59                          | 5.93                          | 5.49         |  |
| Feb                   | 10.45       | 8.70               | 8.55                          | 7.24                          | 8.44         | 5.35               | 5.26                          | 4.97                          | 5.02         | 5.11          | 5.55                          | 5.87                          | 5.55         |  |
| Mar                   | 10.52       | 8.56               | 8.43                          | 7.05                          | 8.42         | 5.28               | 5.20                          | 4.89                          | 4.96         | 5.11          | 5.65                          | 5.79                          | 5.46         |  |
| Apr                   | 10.53       | 8.55               | 8.33                          | 7.02                          | 8.46         | 5.29               | 5.23                          | 4.91                          | 4.95         | 5.12          | 5.83                          | 5.80                          | 5.45         |  |
| May                   | 10.58       | 8.64               | 8.70                          | 7.02                          | 8.44         | 5.36               | 5.34                          | 4.96                          | 4.98         | 5.13          | 5.99                          | 5.87                          | 5.59         |  |
| June                  | 10.63       | 8.57               | 8.61                          | 6.94                          | 8.44         | 5.46               | 5.48                          | 5.11                          | 5.08         | 5.20          | 6.03                          | 6.12                          | 5.67         |  |
| July                  | 10.66       | 8.80               | 8.82                          | 7.15                          | 8.58         | 5.62               | 5.67                          | 5.27                          | 5.22         | 5.34          | 6.08                          | 6.21                          | 5.82         |  |
| Aug                   | 10.77       | 8.95               | 8.86                          | 7.22                          | 8.69         | 5.68               | 5.77                          | 5.37                          | 5.29         | 5.26          | 6.06                          | 6.28                          | 5.70         |  |

### Loans to non-financial corporations

| Reporting period | Overdrafts | Loans up to €1 million with an initial rate fixation |                               |              |                               | Loans over €1 million with an initial rate fixation |              |                       |
|------------------|------------|--|-------------------------------|--------------|-------------------------------|---|--------------|-----------------------|
|                  |            | floating rate or up to 1 year                        | over 1 year and up to 5 years | over 5 years | floating rate or up to 1 year | over 1 year and up to 5 years                       | over 5 years |                       |
|                  |            |  |                               |              |                               |   |              | 2008 Jan <sup>3</sup> |
| Feb              | 6.56       | 5.84   | 5.86                          | 5.24         | 5.04                          | 5.43  | 5.14         |                       |
| Mar              | 6.56       | 5.91   | 5.77                          | 5.23         | 5.19                          | 5.44  | 5.34         |                       |
| Apr              | 6.54       | 6.03   | 5.77                          | 5.20         | 5.30                          | 5.42  | 5.39         |                       |
| May              | 6.57       | 6.10   | 5.93                          | 5.25         | 5.27                          | 5.70  | 5.38         |                       |
| June             | 6.67       | 6.16   | 6.09                          | 5.43         | 5.35                          | 5.68  | 5.52         |                       |
| July             | 6.74       | 6.26   | 6.29                          | 5.53         | 5.45                          | 5.82  | 5.55         |                       |
| Aug              | 6.77       | 6.27   | 6.33                          | 5.49         | 5.45                          | 5.61  | 5.56         |                       |

Source: ECB. — For footnotes \*, o and 1 see p 45. For footnote + see p 46. — <sup>2</sup> Annual percentage rate of charge as defined in Directive 87/102/EEC, which contains other related charges which may occur for enquiries, adminis-

tration, preparation of the documents, guarantees and credit insurance. — <sup>3</sup> Enlargement of the euro area on 1 January 2008 to include Cyprus and Malta.



VI Interest rates

6 Interest rates and volumes for outstanding amounts and new business of German banks (MFIs) \*  
(a) Outstanding amounts <sup>o</sup>

| End of month | Households' deposits              |                       |                                   |                       | Non-financial corporations' deposits |                       |                                   |                       |
|--------------|-----------------------------------|-----------------------|-----------------------------------|-----------------------|--------------------------------------|-----------------------|-----------------------------------|-----------------------|
|              | with an agreed maturity of        |                       |                                   |                       |                                      |                       |                                   |                       |
|              | up to 2 years                     |                       | over 2 years                      |                       | up to 2 years                        |                       | over 2 years                      |                       |
|              | Effective interest rate 1<br>% pa | Volume 2<br>€ million | Effective interest rate 1<br>% pa | Volume 2<br>€ million | Effective interest rate 1<br>% pa    | Volume 2<br>€ million | Effective interest rate 1<br>% pa | Volume 2<br>€ million |
| 2007 Aug     | 3.77                              | 194,424               | 2.54                              | 187,298               | 4.12                                 | 106,493               | 4.29                              | 22,603                |
| Sep          | 3.86                              | 202,538               | 2.54                              | 187,402               | 4.24                                 | 109,580               | 4.30                              | 22,699                |
| Oct          | 3.91                              | 210,844               | 2.54                              | 186,438               | 4.22                                 | 112,487               | 4.29                              | 22,705                |
| Nov          | 3.95                              | 218,591               | 2.53                              | 185,967               | 4.26                                 | 110,367               | 4.30                              | 22,552                |
| Dec          | 4.06                              | 233,913               | 2.52                              | 187,966               | 4.42                                 | 114,005               | 4.31                              | 22,016                |
| 2008 Jan     | 4.04                              | 245,906               | 2.52                              | 186,950               | 4.29                                 | 112,840               | 4.30                              | 21,881                |
| Feb          | 4.01                              | 250,408               | 2.51                              | 185,966               | 4.19                                 | 123,009               | 4.33                              | 22,040                |
| Mar          | 4.03                              | 255,183               | 2.50                              | 185,527               | 4.26                                 | 116,191               | 4.32                              | 21,716                |
| Apr          | 4.11                              | 263,482               | 2.49                              | 184,344               | 4.32                                 | 121,637               | 4.34                              | 21,730                |
| May          | 4.17                              | 271,299               | 2.49                              | 183,531               | 4.40                                 | 122,362               | 4.34                              | 21,803                |
| June         | 4.23                              | 277,318               | 2.48                              | 182,724               | 4.47                                 | 118,160               | 4.38                              | 21,713                |
| July         | 4.33                              | 287,196               | 2.48                              | 181,642               | 4.56                                 | 121,536               | 4.41                              | 21,919                |
| Aug          | 4.40                              | 296,615               | 2.48                              | 181,577               | 4.60                                 | 121,203               | 4.43                              | 21,860                |

| End of month | Housing loans to households <sup>3</sup> |                       |                                   |                       |                                   |                       | Consumer credit and other loans to households <sup>4, 5</sup> |                       |                                   |                       |                                   |                       |
|--------------|--|-----------------------|-----------------------------------|-----------------------|-----------------------------------|-----------------------|---|-----------------------|-----------------------------------|-----------------------|-----------------------------------|-----------------------|
|              | with a maturity of                       |                       |                                   |                       |                                   |                       |   |                       |                                   |                       |                                   |                       |
|              | up to 1 year <sup>6</sup>                |                       | over 1 year and up to 5 years     |                       | over 5 years                      |                       | up to 1 year <sup>6</sup>                                     |                       | over 1 year and up to 5 years     |                       | over 5 years                      |                       |
|              | Effective interest rate 1<br>% pa        | Volume 2<br>€ million | Effective interest rate 1<br>% pa | Volume 2<br>€ million | Effective interest rate 1<br>% pa | Volume 2<br>€ million | Effective interest rate 1<br>% pa                             | Volume 2<br>€ million | Effective interest rate 1<br>% pa | Volume 2<br>€ million | Effective interest rate 1<br>% pa | Volume 2<br>€ million |
| 2007 Aug     | 5.89                                     | 5,676                 | 4.50                              | 27,649                | 5.12                              | 927,312               | 10.19   | 67,464                | 5.56                              | 67,238                | 6.10                              | 316,776               |
| Sep          | 5.94                                     | 5,759                 | 4.53                              | 27,516                | 5.12                              | 928,315               | 10.25   | 69,308                | 5.58                              | 66,890                | 6.12                              | 316,026               |
| Oct          | 6.01                                     | 5,610                 | 4.56                              | 27,337                | 5.11                              | 927,803               | 10.33   | 68,812                | 5.63                              | 66,284                | 6.14                              | 315,858               |
| Nov          | 6.00                                     | 5,580                 | 4.59                              | 27,097                | 5.11                              | 928,247               | 10.21   | 67,118                | 5.64                              | 66,285                | 6.16                              | 315,737               |
| Dec          | 5.98                                     | 5,715                 | 4.61                              | 26,823                | 5.10                              | 926,998               | 10.39   | 69,974                | 5.64                              | 66,288                | 6.17                              | 313,792               |
| 2008 Jan     | 6.19                                     | 5,548                 | 4.62                              | 26,524                | 5.09                              | 924,788               | 10.37   | 67,113                | 5.64                              | 66,119                | 6.17                              | 313,350               |
| Feb          | 6.16                                     | 5,524                 | 4.65                              | 26,171                | 5.09                              | 924,251               | 10.27   | 66,879                | 5.69                              | 64,854                | 6.16                              | 313,645               |
| Mar          | 6.18                                     | 5,643                 | 4.66                              | 26,002                | 5.08                              | 922,828               | 10.39   | 68,853                | 5.69                              | 64,918                | 6.16                              | 312,385               |
| Apr          | 6.12                                     | 5,625                 | 4.67                              | 25,743                | 5.07                              | 922,724               | 10.32   | 66,962                | 5.68                              | 65,354                | 6.16                              | 313,135               |
| May          | 6.18                                     | 5,397                 | 4.69                              | 25,587                | 5.07                              | 923,312               | 10.33   | 66,248                | 5.70                              | 65,268                | 6.16                              | 313,410               |
| June         | 6.22                                     | 5,493                 | 4.71                              | 25,544                | 5.07                              | 923,192               | 10.43   | 68,794                | 5.70                              | 65,599                | 6.18                              | 313,464               |
| July         | 6.21                                     | 5,519                 | 4.76                              | 25,308                | 5.06                              | 924,208               | 10.47   | 66,689                | 5.73                              | 65,200                | 6.20                              | 313,990               |
| Aug          | 6.30                                     | 5,480                 | 4.78                              | 25,164                | 5.06                              | 924,667               | 10.50   | 65,482                | 5.74                              | 65,213                | 6.21                              | 314,366               |

| End of month | Loans to non-financial corporations with a maturity of |                       |                                   |                       |                                   |                       |
|--------------|--|-----------------------|-----------------------------------|-----------------------|-----------------------------------|-----------------------|
|              | up to 1 year <sup>6</sup>                              |                       | over 1 year and up to 5 years     |                       | over 5 years                      |                       |
|              | Effective interest rate 1<br>% pa                      | Volume 2<br>€ million | Effective interest rate 1<br>% pa | Volume 2<br>€ million | Effective interest rate 1<br>% pa | Volume 2<br>€ million |
| 2007 Aug     | 6.02   | 161,502               | 5.08                              | 99,908                | 5.06                              | 508,115               |
| Sep          | 6.15   | 167,064               | 5.17                              | 101,492               | 5.10                              | 509,124               |
| Oct          | 6.11   | 165,273               | 5.24                              | 100,697               | 5.13                              | 511,668               |
| Nov          | 6.12   | 168,960               | 5.25                              | 102,768               | 5.13                              | 514,169               |
| Dec          | 6.22   | 175,804               | 5.39                              | 109,222               | 5.17                              | 517,706               |
| 2008 Jan     | 6.15   | 176,696               | 5.35                              | 112,568               | 5.15                              | 519,188               |
| Feb          | 6.04   | 181,249               | 5.30                              | 114,577               | 5.15                              | 523,115               |
| Mar          | 6.17   | 185,006               | 5.32                              | 116,463               | 5.14                              | 523,232               |
| Apr          | 6.18   | 183,319               | 5.37                              | 119,193               | 5.15                              | 526,831               |
| May          | 6.20   | 183,855               | 5.42                              | 120,527               | 5.16                              | 530,746               |
| June         | 6.24   | 188,257               | 5.47                              | 122,714               | 5.20                              | 531,783               |
| July         | 6.30   | 184,191               | 5.58                              | 124,690               | 5.22                              | 533,931               |
| Aug          | 6.34   | 183,359               | 5.62                              | 128,092               | 5.24                              | 537,288               |

\* The MFI interest rate statistics are based on the interest rates applied by MFIs and the related volumes of euro-denominated deposits and loans to households and non-financial corporations domiciled in the euro area. The household sector comprises individuals (including sole proprietors) and non-profit institutions serving households. Non-financial corporations include all enterprises other than insurance companies, banks and other financial institutions. The interest rate statistics gathered on a harmonised basis in the euro area from January 2003 are being collected in Germany on a sample basis. The most recent figures are in all cases to be regarded as provisional. Subsequent revisions appearing in the following Monthly Report are not specially marked. Further information on the MFI interest rate statistics can be found on the Bundesbank's website (Statistics / Reporting system / Banking statistics / MFI interest rate statistics). — <sup>o</sup> The statistics on outstanding amounts are collected at the end of the month. — <sup>1</sup> The effective

interest rates may always be calculated either as annualised agreed interest rates or as narrowly defined effective rates. Both calculation methods cover all interest payments on deposits and loans but not any other related charges which may occur for enquiries, administration, preparation of the documents, guarantees and credit insurance. — <sup>2</sup> Data based on monthly balance sheet statistics. — <sup>3</sup> Secured and unsecured loans for home purchase, including building and home improvements; including loans granted by building and loan associations and interim credits as well as transmitted loans granted by the reporting agents in their own name and for their own account. — <sup>4</sup> Consumer credit is defined as loans granted for the purpose of personal use in the consumption of goods and services. — <sup>5</sup> For the purpose of these statistics, other loans are loans granted for other purposes such as business, debt consolidation, education etc. — <sup>6</sup> Including overdrafts.

VI Interest rates

6 Interest rates and volumes for outstanding amounts and new business of German banks (MFIs) \* (cont'd)  
(b) New business +

| Households' deposits |                                |                            |                                |                               |                                |                    |                                |                           |                                |                    |                                |                    |
|----------------------|--------------------------------|----------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------|--------------------------------|---------------------------|--------------------------------|--------------------|--------------------------------|--------------------|
|                      |                                | with an agreed maturity of |                                |                               |                                |                    |                                | redeemable at notice of 8 |                                |                    |                                |                    |
| Overnight            |                                | up to 1 year               |                                | over 1 year and up to 2 years |                                | over 2 years       |                                | up to 3 months            |                                | over 3 months      |                                |                    |
| Reporting period     | Effective interest rate 1 % pa | Volume 2 € million         | Effective interest rate 1 % pa | Volume 7 € million            | Effective interest rate 1 % pa | Volume 7 € million | Effective interest rate 1 % pa | Volume 7 € million        | Effective interest rate 1 % pa | Volume 2 € million | Effective interest rate 1 % pa | Volume 2 € million |
| 2007 Aug             | 1.85                           | 479,145                    | 3.94                           | 53,951                        | 4.29                           | 2,424              | 3.23                           | 2,175                     | 2.38                           | 452,446            | 3.47                           | 105,719            |
| Sep                  | 1.85                           | 478,416                    | 4.01                           | 55,900                        | 4.29                           | 2,811              | 3.11                           | 1,422                     | 2.44                           | 448,931            | 3.51                           | 106,318            |
| Oct                  | 1.86                           | 473,877                    | 4.00                           | 56,757                        | 4.29                           | 4,426              | 3.26                           | 2,616                     | 2.41                           | 444,222            | 3.58                           | 107,459            |
| Nov                  | 1.84                           | 485,275                    | 4.03                           | 46,651                        | 4.33                           | 4,358              | 3.26                           | 2,594                     | 2.40                           | 440,239            | 3.64                           | 108,404            |
| Dec                  | 1.83                           | 487,616                    | 4.22                           | 51,117                        | 4.45                           | 4,997              | 3.20                           | 2,517                     | 2.46                           | 446,616            | 3.68                           | 109,427            |
| 2008 Jan             | 1.89                           | 479,559                    | 4.08                           | 67,098                        | 4.38                           | 5,178              | 3.56                           | 2,096                     | 2.44                           | 441,880            | 3.76                           | 109,322            |
| Feb                  | 1.89                           | 480,976                    | 3.91                           | 51,891                        | 4.14                           | 2,051              | 3.22                           | 1,201                     | 2.43                           | 439,835            | 3.78                           | 108,445            |
| Mar                  | 1.90                           | 483,442                    | 4.01                           | 49,509                        | 4.18                           | 1,308              | 2.85                           | 1,033                     | 2.44                           | 438,185            | 3.79                           | 106,376            |
| Apr                  | 1.91                           | 485,248                    | 4.13                           | 59,292                        | 4.27                           | 1,456              | 3.02                           | 1,226                     | 2.52                           | 435,524            | 3.82                           | 105,021            |
| May                  | 1.90                           | 485,688                    | 4.18                           | 50,180                        | 4.37                           | 1,359              | 2.83                           | 845                       | 2.51                           | 433,505            | 3.85                           | 103,615            |
| June                 | 1.91                           | 481,446                    | 4.27                           | 52,717                        | 4.80                           | 2,511              | 3.17                           | 1,019                     | 2.53                           | 431,428            | 3.89                           | 102,836            |
| July                 | 1.95                           | 480,219                    | 4.43                           | 62,011                        | 4.97                           | 3,507              | 3.24                           | 1,324                     | 2.57                           | 426,345            | 3.95                           | 102,337            |
| Aug                  | 1.99                           | 480,304                    | 4.51                           | 51,018                        | 5.00                           | 2,919              | 3.63                           | 1,292                     | 2.58                           | 423,199            | 4.00                           | 101,222            |

| Non-financial corporations' deposits |                                |                            |                                |                               |                                |                    |                                |                    |
|--------------------------------------|--------------------------------|----------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------|--------------------------------|--------------------|
|                                      |                                | with an agreed maturity of |                                |                               |                                |                    |                                |                    |
| Overnight                            |                                | up to 1 year               |                                | over 1 year and up to 2 years |                                | over 2 years       |                                |                    |
| Reporting period                     | Effective interest rate 1 % pa | Volume 2 € million         | Effective interest rate 1 % pa | Volume 7 € million            | Effective interest rate 1 % pa | Volume 7 € million | Effective interest rate 1 % pa | Volume 7 € million |
| 2007 Aug                             | 2.34                           | 174,373                    | 4.07                           | 67,761                        | 4.51                           | 808                | 4.36                           | 728                |
| Sep                                  | 2.34                           | 173,245                    | 4.12                           | 66,416                        | 4.57                           | 532                | 4.22                           | 607                |
| Oct                                  | 2.35                           | 175,018                    | 4.03                           | 66,241                        | 4.43                           | 849                | 4.94                           | 988                |
| Nov                                  | 2.34                           | 181,448                    | 4.10                           | 56,793                        | 4.54                           | 615                | 4.30                           | 606                |
| Dec                                  | 2.20                           | 182,148                    | 4.25                           | 58,222                        | 4.71                           | 661                | 4.70                           | 724                |
| 2008 Jan                             | 2.38                           | 175,501                    | 4.08                           | 60,058                        | 4.51                           | 437                | 5.29                           | 696                |
| Feb                                  | 2.41                           | 173,993                    | 4.02                           | 59,230                        | 3.83                           | 202                | 4.70                           | 550                |
| Mar                                  | 2.41                           | 173,778                    | 4.13                           | 66,136                        | 4.51                           | 161                | 4.57                           | 181                |
| Apr                                  | 2.41                           | 172,497                    | 4.20                           | 55,504                        | 4.66                           | 306                | 5.20                           | 404                |
| May                                  | 2.42                           | 171,111                    | 4.21                           | 46,331                        | 4.91                           | 288                | 5.00                           | 234                |
| June                                 | 2.36                           | 173,952                    | 4.30                           | 50,477                        | 5.04                           | 304                | 5.12                           | 336                |
| July                                 | 2.50                           | 172,252                    | 4.41                           | 53,057                        | 5.15                           | 267                | 5.22                           | 382                |
| Aug                                  | 2.47                           | 175,575                    | 4.41                           | 42,137                        | 6.14                           | 366                | 5.25                           | 191                |

| Loans to households                                |   |                                |                               |                                |                    |                                |  |                                |                               |                                |                    |                                |                    |
|--|---|--------------------------------|-------------------------------|--------------------------------|--------------------|--------------------------------|--|--------------------------------|-------------------------------|--------------------------------|--------------------|--------------------------------|--------------------|
| Consumer credit with an initial rate fixation of 4 |   |                                |                               |                                |                    |                                | Other loans with an initial rate fixation of 5 |                                |                               |                                |                    |                                |                    |
| Total  | floating rate or up to 1 year 10        |                                | over 1 year and up to 5 years |                                | over 5 years       |                                | floating rate or up to 1 year 10               |                                | over 1 year and up to 5 years |                                | over 5 years       |                                |                    |
| Reporting period                                   | Annual percentage rate of charge 9 % pa | Effective interest rate 1 % pa | Volume 7 € million            | Effective interest rate 1 % pa | Volume 7 € million | Effective interest rate 1 % pa | Volume 7 € million                             | Effective interest rate 1 % pa | Volume 7 € million            | Effective interest rate 1 % pa | Volume 7 € million | Effective interest rate 1 % pa | Volume 7 € million |
| 2007 Aug   | 7.90                                    | 6.44                           | 1,003                         | 5.96                           | 4,003              | 8.67                           | 3,376  | 5.04                           | 23,231                        | 5.89                           | 1,346              | 5.43                           | 2,895              |
| Sep  | 7.88                                    | 6.38                           | 832                           | 5.93                           | 4,399              | 8.70                           | 2,772  | 5.11                           | 24,079                        | 5.84                           | 1,477              | 5.48                           | 2,287              |
| Oct  | 7.62                                    | 6.29                           | 1,359                         | 5.67                           | 3,527              | 8.73                           | 3,132  | 5.22                           | 20,162                        | 5.93                           | 1,456              | 5.48                           | 2,996              |
| Nov  | 7.40                                    | 6.19                           | 1,229                         | 5.50                           | 3,131              | 8.65                           | 2,348  | 5.15                           | 18,337                        | 5.94                           | 1,296              | 5.39                           | 2,356              |
| Dec  | 6.96                                    | 5.51                           | 1,472                         | 5.46                           | 2,585              | 8.27                           | 2,039  | 5.32                           | 19,696                        | 5.75                           | 2,239              | 5.33                           | 2,926              |
| 2008 Jan   | 7.58                                    | 5.99                           | 1,683                         | 5.73                           | 3,199              | 8.71                           | 2,631  | 5.22                           | 17,306                        | 5.91                           | 1,745              | 5.42                           | 2,866              |
| Feb  | 7.81                                    | 6.36                           | 864                           | 5.84                           | 2,394              | 8.69                           | 2,143  | 5.08                           | 10,092                        | 5.78                           | 1,102              | 5.33                           | 1,752              |
| Mar  | 7.58                                    | 6.17                           | 1,005                         | 5.69                           | 2,523              | 8.59                           | 2,167  | 5.26                           | 11,416                        | 5.68                           | 1,041              | 5.30                           | 1,838              |
| Apr  | 7.56                                    | 5.70                           | 1,087                         | 5.68                           | 2,933              | 8.66                           | 2,657  | 5.39                           | 8,433                         | 5.71                           | 1,274              | 5.25                           | 2,565              |
| May  | 7.53                                    | 6.33                           | 843                           | 5.66                           | 2,634              | 8.61                           | 2,237  | 5.41                           | 6,766                         | 5.77                           | 1,081              | 5.39                           | 1,850              |
| June   | 7.48                                    | 6.25                           | 974                           | 5.52                           | 2,841              | 8.63                           | 2,412  | 5.56                           | 6,864                         | 6.09                           | 1,165              | 5.54                           | 2,628              |
| July   | 7.71                                    | 6.47                           | 1,090                         | 5.67                           | 2,864              | 8.78                           | 2,616  | 5.64                           | 10,020                        | 6.19                           | 1,227              | 5.68                           | 2,802              |
| Aug  | 7.74                                    | 6.24                           | 1,218                         | 5.80                           | 2,322              | 8.79                           | 2,141  | 5.62                           | 6,914                         | 6.30                           | 883                | 5.74                           | 2,164              |

For footnotes \* and 1 to 6, see p 45\*. — + In the case of deposits with an agreed maturity and all loans excluding overdrafts, new business covers all new agreements between households or non-financial corporations and the bank. The interest rates are calculated as volume-weighted average rates across all new agreements concluded during the reporting month. In the case of overnight deposits, deposits redeemable at notice and overdrafts, new business is collected in the same way as outstanding amounts for the sake of simplicity. This means that all outstanding deposit and lending

business at the end of the month has to be incorporated in the calculation of average rates of interest. — 7 Estimated. The volume of new business is extrapolated to form the underlying total using the Horvitz-Thompson estimator. — 8 Including non-financial corporations' deposits; including fidelity and growth premia. — 9 Annual percentage rate of charge as defined in Directive 87/102/EEC, which contains other related charges which may occur for enquiries, administration, preparation of the documents, guarantees and credit insurance. — 10 Excluding overdrafts.

VI Interest rates

6 Interest rates and volumes for outstanding amounts and new business of German banks (MFIs) \* (cont'd)  
(b) New business +

| Loans to households (cont'd) |                                |  |   |                                |                               |                                |                                 |                                |                    |                                |                    |
|------------------------------|--------------------------------|--|---|--------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------|--------------------------------|--------------------|
| Overdrafts 11                |                                | Housing loans with an initial rate fixation of 3 |   |                                |                               |                                |                                 |                                |                    |                                |                    |
|                              |                                | Total  | floating rate or up to 1 year 10        |                                | over 1 year and up to 5 years |                                | over 5 years and up to 10 years |                                | over 10 years      |                                |                    |
| Reporting period             | Effective interest rate 1 % pa | Volume 12 € million                              | Annual percentage rate of charge 9 % pa | Effective interest rate 1 % pa | Volume 7 € million            | Effective interest rate 1 % pa | Volume 7 € million              | Effective interest rate 1 % pa | Volume 7 € million | Effective interest rate 1 % pa | Volume 7 € million |
| 2007 Aug                     | 11.85                          | 43,748   | 5.37                                    | 5.93                           | 2,220                         | 5.36                           | 2,207                           | 5.18                           | 5,578              | 5.16                           | 4,883              |
| Sep                          | 11.94                          | 44,980   | 5.31                                    | 5.86                           | 2,240                         | 5.34                           | 1,967                           | 5.12                           | 4,717              | 5.08                           | 4,242              |
| Oct                          | 11.90                          | 45,952   | 5.29                                    | 5.87                           | 2,458                         | 5.30                           | 2,380                           | 5.08                           | 5,796              | 5.08                           | 4,619              |
| Nov                          | 11.76                          | 44,575   | 5.27                                    | 5.91                           | 1,933                         | 5.30                           | 2,248                           | 5.08                           | 4,964              | 5.02                           | 4,478              |
| Dec                          | 11.88                          | 47,501   | 5.28                                    | 5.97                           | 2,127                         | 5.33                           | 2,094                           | 5.03                           | 4,842              | 5.01                           | 4,025              |
| 2008 Jan                     | 11.87                          | 46,057   | 5.28                                    | 5.99                           | 2,759                         | 5.17                           | 2,776                           | 5.04                           | 5,863              | 5.06                           | 4,813              |
| Feb                          | 11.81                          | 44,772   | 5.15                                    | 5.80                           | 1,926                         | 5.11                           | 2,085                           | 4.94                           | 4,520              | 4.89                           | 3,734              |
| Mar                          | 11.84                          | 46,975   | 5.09                                    | 5.73                           | 1,647                         | 5.01                           | 2,181                           | 4.89                           | 4,701              | 4.88                           | 3,915              |
| Apr                          | 11.81                          | 45,118   | 5.13                                    | 5.86                           | 2,388                         | 4.99                           | 2,966                           | 4.90                           | 6,576              | 4.97                           | 4,787              |
| May                          | 11.82                          | 44,544   | 5.19                                    | 6.00                           | 1,946                         | 5.06                           | 2,510                           | 4.96                           | 5,480              | 4.97                           | 4,197              |
| June                         | 11.83                          | 47,209   | 5.30                                    | 6.05                           | 2,173                         | 5.24                           | 2,634                           | 5.06                           | 6,229              | 5.09                           | 4,703              |
| July                         | 11.91                          | 44,887   | 5.47                                    | 6.18                           | 2,701                         | 5.43                           | 2,829                           | 5.21                           | 6,747              | 5.28                           | 5,113              |
| Aug                          | 11.94                          | 44,185   | 5.54                                    | 6.28                           | 1,998                         | 5.57                           | 1,932                           | 5.27                           | 4,920              | 5.30                           | 4,213              |

| Loans to non-financial corporations |                                |  |                                |                               |                                |                    |                                |                    |  |
|-------------------------------------|--------------------------------|--|--------------------------------|-------------------------------|--------------------------------|--------------------|--------------------------------|--------------------|--|
| Overdrafts 11                       |                                | Loans up to €1 million with an initial rate fixation of 13 |                                |                               |                                |                    |                                |                    |  |
|                                     |                                | floating rate or up to 1 year 10                           |                                | over 1 year and up to 5 years |                                | over 5 years       |                                |                    |  |
| Reporting period                    | Effective interest rate 1 % pa | Volume 12 € million  | Effective interest rate 1 % pa | Volume 7 € million            | Effective interest rate 1 % pa | Volume 7 € million | Effective interest rate 1 % pa | Volume 7 € million |  |
| 2007 Aug                            | 7.05                           | 64,559   | 6.26                           | 8,510                         | 5.83                           | 1,110              | 5.41                           | 2,393              |  |
| Sep                                 | 7.06                           | 69,525   | 6.42                           | 10,087                        | 5.89                           | 1,130              | 5.42                           | 1,989              |  |
| Oct                                 | 7.10                           | 65,820   | 6.43                           | 9,719                         | 5.79                           | 1,154              | 5.39                           | 2,254              |  |
| Nov                                 | 7.06                           | 67,908   | 6.40                           | 8,483                         | 5.71                           | 1,380              | 5.35                           | 1,975              |  |
| Dec                                 | 7.15                           | 71,200   | 6.55                           | 9,614                         | 5.80                           | 1,289              | 5.38                           | 2,274              |  |
| 2008 Jan                            | 7.13                           | 70,142   | 6.31                           | 9,604                         | 5.74                           | 1,248              | 5.33                           | 2,693              |  |
| Feb                                 | 7.03                           | 75,934   | 6.27                           | 7,819                         | 5.72                           | 1,138              | 5.12                           | 1,250              |  |
| Mar                                 | 7.11                           | 80,965   | 6.24                           | 9,491                         | 5.65                           | 1,079              | 5.11                           | 1,354              |  |
| Apr                                 | 6.97                           | 80,182   | 6.26                           | 9,762                         | 5.65                           | 1,297              | 5.10                           | 1,673              |  |
| May                                 | 6.98                           | 80,154   | 6.26                           | 9,173                         | 5.81                           | 1,051              | 5.15                           | 1,444              |  |
| June                                | 7.07                           | 85,801   | 6.34                           | 10,794                        | 5.97                           | 1,280              | 5.38                           | 1,734              |  |
| July                                | 7.12                           | 82,949   | 6.36                           | 10,066                        | 6.18                           | 1,313              | 5.50                           | 1,837              |  |
| Aug                                 | 7.15                           | 82,255   | 6.35                           | 8,096                         | 6.27                           | 995                | 5.65                           | 1,298              |  |

| Loans to non-financial corporations (cont'd)              |                                |                               |                                |                    |                                |                    |  |
|---|--------------------------------|-------------------------------|--------------------------------|--------------------|--------------------------------|--------------------|--|
| Loans over €1 million with an initial rate fixation of 13 |                                |                               |                                |                    |                                |                    |  |
| floating rate or up to 1 year 10                          |                                | over 1 year and up to 5 years |                                | over 5 years       |                                |                    |  |
| Reporting period  | Effective interest rate 1 % pa | Volume 7 € million            | Effective interest rate 1 % pa | Volume 7 € million | Effective interest rate 1 % pa | Volume 7 € million |  |
| 2007 Aug  | 5.21                           | 44,384                        | 5.55                           | 3,737              | 5.27                           | 7,867              |  |
| Sep   | 5.42                           | 49,458                        | 5.71                           | 3,763              | 5.64                           | 6,111              |  |
| Oct   | 5.24                           | 49,735                        | 5.51                           | 4,437              | 5.47                           | 6,766              |  |
| Nov   | 5.12                           | 49,167                        | 5.39                           | 3,453              | 5.44                           | 6,819              |  |
| Dec   | 5.47                           | 73,727                        | 5.67                           | 7,580              | 5.53                           | 9,629              |  |
| 2008 Jan  | 5.21                           | 59,934                        | 5.39                           | 5,274              | 5.06                           | 6,876              |  |
| Feb   | 5.09                           | 57,309                        | 5.84                           | 3,873              | 5.08                           | 4,127              |  |
| Mar   | 5.36                           | 67,678                        | 5.58                           | 3,106              | 5.43                           | 4,907              |  |
| Apr   | 5.44                           | 68,988                        | 5.59                           | 3,842              | 5.40                           | 6,057              |  |
| May   | 5.25                           | 66,639                        | 5.74                           | 3,571              | 5.53                           | 4,224              |  |
| June  | 5.36                           | 80,148                        | 6.09                           | 3,254              | 5.82                           | 6,699              |  |
| July  | 5.38                           | 90,571                        | 5.97                           | 3,511              | 5.66                           | 6,703              |  |
| Aug   | 5.46                           | 73,440                        | 5.91                           | 2,956              | 5.73                           | 3,836              |  |

For footnotes \* and 1 to 6, see p 45\*. For footnotes + and 7 to 10, see p 46\*. — 11 Overdrafts are defined as debit balances on current accounts. They include all bank overdrafts regardless of whether they are within or beyond the limits agreed between customers and the bank. — 12 Estimated.

The volume of outstanding amounts reported is extrapolated to form the underlying total using the Horvitz-Thompson estimator. — 13 The amount refers to the single loan transaction considered as new business.

## VII Capital market

## 1 Sales and purchases of debt securities and shares in Germany \*

| Debt securities |                                       |                            |                            |                    |                                     |         |                                      |           |   |                 |  |                     |
|-----------------|---------------------------------------|----------------------------|----------------------------|--------------------|-------------------------------------|---------|--------------------------------------|-----------|---|-----------------|--|---------------------|
| Period          | Sales<br>=<br>total<br>pur-<br>chases | Sales                      |                            |                    |                                     |         | Purchases                            |           |   |                 |  |                     |
|                 |                                       | Domestic debt securities 1 |                            |                    |                                     |         | Foreign<br>debt<br>secur-<br>ities 3 | Residents |   |                 |  | Non-<br>residents 7 |
|                 |                                       | Total                      | Bank<br>debt<br>securities | Corporate<br>bonds | Public<br>debt<br>secur-<br>ities 2 |         |                                      | Total 4   | Credit in-<br>stitutions<br>including<br>building<br>and loan<br>associations 5 | Non-<br>banks 6 | Bundes-<br>bank<br>open<br>market<br>oper-<br>ations 5 |                     |
| DM million      |                                       |                            |                            |                    |                                     |         |                                      |           |   |                 |  |                     |
| 1995            | 227,099                               | 203,029                    | 162,538                    | - 350              | 40,839                              | 24,070  | 141,282                              | 49,193    | 94,409  | - 2,320         | 85,815   |                     |
| 1996            | 254,359                               | 233,519                    | 191,341                    | 649                | 41,529                              | 20,840  | 148,250                              | 117,352   | 31,751  | 853             | 106,109  |                     |
| 1997            | 332,655                               | 250,688                    | 184,911                    | 1,563              | 64,214                              | 81,967  | 204,378                              | 144,177   | 60,201  | -               | 128,276  |                     |
| 1998            | 418,841                               | 308,201                    | 254,367                    | 3,143              | 50,691                              | 110,640 | 245,802                              | 203,342   | 42,460  | -               | 173,038  |                     |
| € million       |                                       |                            |                            |                    |                                     |         |                                      |           |   |                 |  |                     |
| 1999            | 292,663                               | 198,068                    | 156,399                    | 2,184              | 39,485                              | 94,595  | 155,766                              | 74,728    | 81,038  | -               | 136,898  |                     |
| 2000            | 226,393                               | 157,994                    | 120,154                    | 12,605             | 25,234                              | 68,399  | 151,568                              | 91,447    | 60,121  | -               | 74,825   |                     |
| 2001            | 180,227                               | 86,656                     | 55,918                     | 14,473             | 16,262                              | 93,571  | 111,281                              | 35,848    | 75,433  | -               | 68,946   |                     |
| 2002            | 175,396                               | 124,035                    | 47,296                     | 14,506             | 62,235                              | 51,361  | 60,476                               | 13,536    | 46,940  | -               | 114,920  |                     |
| 2003            | 184,679                               | 134,455                    | 31,404                     | 30,262             | 72,788                              | 50,224  | 105,557                              | 35,748    | 69,809  | -               | 79,122   |                     |
| 2004            | 233,890                               | 133,711                    | 64,231                     | 10,778             | 58,703                              | 100,179 | 108,119                              | 121,841   | - 13,723  | -               | 125,772  |                     |
| 2005            | 252,003                               | 110,542                    | 39,898                     | 2,682              | 67,965                              | 141,461 | 95,826                               | 61,740    | 34,086  | -               | 156,177  |                     |
| 2006            | 247,261                               | 102,379                    | 40,995                     | 8,943              | 52,446                              | 144,882 | 125,329                              | 68,893    | 56,436  | -               | 121,932  |                     |
| 2007            | 204,638                               | 90,270                     | 42,034                     | 20,123             | 28,111                              | 114,368 | - 53,354                             | 96,476    | - 149,830   | -               | 257,992  |                     |
| 2008 June       | 21,059                                | 6,081                      | - 3,179                    | 2,374              | 6,886                               | 14,978  | - 11,982                             | 8,971     | - 20,953  | -               | 33,041   |                     |
| July            | 14,755                                | 11,277                     | 21,196                     | 1,683              | - 11,602                            | 3,478   | 1,732                                | 502       | 1,230   | -               | 13,023   |                     |
| Aug             | 43,150                                | 45,497                     | 4,333                      | 28,130             | 13,033                              | - 2,347 | 21,590                               | 27,217    | - 5,627   | -               | 21,560   |                     |

| Shares     |                                  |                      |                     |         |           |                               |             |                      |  |
|------------|----------------------------------|----------------------|---------------------|---------|-----------|-------------------------------|-------------|----------------------|--|
| Period     | Sales<br>=<br>total<br>purchases | Sales                |                     |         | Purchases |                               |             |                      |  |
|            |                                  | Domestic<br>shares 8 | Foreign<br>shares 9 |         | Residents |                               |             | Non-<br>residents 12 |  |
|            |                                  |                      |                     |         | Total 10  | Credit insti-<br>tutions 5,11 | Non-banks 6 |                      |  |
| DM million |                                  |                      |                     |         |           |                               |             |                      |  |
| 1995       | 46,422                           | 23,600               | 22,822              | 49,354  | 11,945    | 37,409                        | -           | 2,932                |  |
| 1996       | 72,491                           | 34,212               | 38,280              | 55,962  | 12,627    | 43,335                        | -           | 16,529               |  |
| 1997       | 119,522                          | 22,239               | 97,280              | 96,844  | 8,547     | 88,297                        | -           | 22,678               |  |
| 1998       | 249,504                          | 48,796               | 200,708             | 149,151 | 20,252    | 128,899                       | -           | 100,353              |  |
| € million  |                                  |                      |                     |         |           |                               |             |                      |  |
| 1999       | 150,013                          | 36,010               | 114,003             | 103,136 | 18,637    | 84,499                        | -           | 46,877               |  |
| 2000       | 140,461                          | 22,733               | 117,729             | 164,654 | 23,293    | 141,361                       | -           | 24,194               |  |
| 2001       | 82,665                           | 17,575               | 65,091              | 2,252   | 14,714    | 12,462                        | -           | 84,918               |  |
| 2002       | 39,338                           | 9,232                | 30,106              | 18,398  | 23,236    | 41,634                        | -           | 20,941               |  |
| 2003       | 11,896                           | 16,838               | 4,946               | 15,121  | 7,056     | 22,177                        | -           | 27,016               |  |
| 2004       | - 3,317                          | 10,157               | 13,474              | 7,432   | 5,045     | 2,387                         | -           | 10,748               |  |
| 2005       | 31,734                           | 13,766               | 17,969              | 451     | 10,208    | 9,757                         | -           | 31,283               |  |
| 2006       | 25,886                           | 9,061                | 16,825              | 133     | 11,323    | 11,190                        | -           | 25,752               |  |
| 2007       | - 2,271                          | 10,053               | 12,325              | 15,897  | 6,702     | 9,195                         | -           | 13,626               |  |
| 2008 June  | 517                              | 803                  | 286                 | 8,311   | 28,075    | 19,764                        | -           | 8,828                |  |
| July       | - 195                            | 173                  | 368                 | 4,296   | 2,956     | 7,252                         | -           | 4,491                |  |
| Aug        | 1,708                            | 385                  | 1,323               | 7,318   | 845       | 8,163                         | -           | 5,610                |  |

\* Up to end-1999, debt securities in this table comprise bonds and money market paper issued by domestic banks; from January 2000, they comprise all debt securities. For mutual fund shares, see Table VII.6. — 1 Net sales at market values plus/minus changes in issuers' portfolios of their own debt securities. — 2 Including Federal Railways Fund, Federal Post Office and Treuhand agency. — 3 Net purchases or net sales (-) of foreign debt securities by residents; transaction values. — 4 Domestic and foreign debt securities. — 5 Book values; statistically adjusted. — 6 Residual; also including purchases of domestic and foreign securities by domestic mutual

funds. — 7 Net purchases or net sales (-) of domestic debt securities by non-residents; transaction values. — 8 Excluding shares of public limited investment companies; at issue prices. — 9 Net purchases or net sales (-) of foreign shares (including direct investment) by residents; transaction values. — 10 Domestic and foreign shares. — 11 Up to end-1998, excluding syndicated shares. — 12 Net purchases or net sales (-) of domestic shares (including direct investment) by non-residents; transaction values. — The figures for the most recent date are provisional; revisions are not specially marked.

## VII Capital market

## 2 Sales of debt securities issued by residents \*

Up to end-1998, DM nominal million value; from 1999, € million nominal value

| Period  | Bank debt securities <sup>1</sup> |         |                         |                       |  |                               |        | Corporate bonds <sup>2</sup> | Public debt securities <sup>3</sup> | Memo item<br>Foreign DM/euro<br>bonds issued<br>by German-<br>managed<br>syndicates |
|---|-----------------------------------|---------|-------------------------|-----------------------|--|-------------------------------|--------|------------------------------|-------------------------------------|---|
|   | Total                             | Total   | Mortgage<br>Pfandbriefe | Public<br>Pfandbriefe | Debt securities<br>issued by special<br>purpose credit<br>institutions | Other bank<br>debt securities |        |                              |                                     |   |
| <b>Gross sales <sup>4</sup></b>   |                                   |         |                         |                       |  |                               |        |                              |                                     |   |
| 1995  | 620,120                           | 470,583 | 43,287                  | 208,844               | 41,571   | 176,877                       | 200    | 149,338                      | 102,719                             |   |
| 1996  | 731,992                           | 563,076 | 41,439                  | 246,546               | 53,508   | 221,582                       | 1,742  | 167,173                      | 112,370                             |   |
| 1997  | 846,567                           | 621,683 | 53,168                  | 276,755               | 54,829   | 236,933                       | 1,915  | 222,972                      | 114,813                             |   |
| 1998  | 1,030,827                         | 789,035 | 71,371                  | 344,609               | 72,140   | 300,920                       | 3,392  | 238,400                      | 149,542                             |   |
| <b>€ million</b>  |                                   |         |                         |                       |  |                               |        |                              |                                     |   |
| 1999  | 571,269                           | 448,216 | 27,597                  | 187,661               | 59,760   | 173,200                       | 2,570  | 120,483                      | 57,202                              |   |
| 2000  | 659,148                           | 500,895 | 34,528                  | 143,107               | 94,556   | 228,703                       | 8,114  | 150,137                      | 31,597                              |   |
| 2001  | 687,988                           | 505,646 | 34,782                  | 112,594               | 106,166  | 252,103                       | 11,328 | 171,012                      | 10,605                              |   |
| 2002  | 818,725                           | 569,232 | 41,496                  | 119,880               | 117,506  | 290,353                       | 17,574 | 231,923                      | 10,313                              |   |
| 2003  | 958,917                           | 668,002 | 47,828                  | 107,918               | 140,398  | 371,858                       | 22,510 | 268,406                      | 2,850                               |   |
| 2004  | 990,399                           | 688,844 | 33,774                  | 90,815                | 162,353  | 401,904                       | 31,517 | 270,040                      | 12,344                              |   |
| 2005  | 988,911                           | 692,182 | 28,217                  | 103,984               | 160,010  | 399,969                       | 24,352 | 272,380                      | 600                                 |   |
| 2006  | 925,863                           | 622,055 | 24,483                  | 99,628                | 139,193  | 358,750                       | 29,975 | 273,834                      | 69                                  |   |
| 2007  | 1,021,533                         | 743,616 | 19,211                  | 82,720                | 195,722  | 445,963                       | 15,043 | 262,872                      | –                                   |   |
| 2008 May  | 111,564                           | 86,735  | 1,744                   | 10,542                | 34,162   | 40,287                        | 2,526  | 22,304                       | –                                   |   |
| June  | 113,418                           | 89,202  | 7,604                   | 6,406                 | 33,024   | 42,168                        | 2,660  | 21,556                       | –                                   |   |
| July  | 115,107                           | 80,645  | 2,626                   | 7,299                 | 33,434   | 37,286                        | 2,454  | 32,008                       | –                                   |   |
| Aug   | 103,236                           | 56,251  | 3,072                   | 5,005                 | 23,002   | 25,171                        | 28,782 | 18,204                       | –                                   |   |
| <b>of which: Debt securities with maturities of more than four years <sup>5</sup></b> |                                   |         |                         |                       |  |                               |        |                              |                                     |   |
| 1995  | 409,469                           | 271,763 | 30,454                  | 141,629               | 28,711   | 70,972                        | 200    | 137,503                      | 85,221                              |   |
| 1996  | 473,560                           | 322,720 | 27,901                  | 167,811               | 35,522   | 91,487                        | 1,702  | 149,139                      | 92,582                              |   |
| 1997  | 563,333                           | 380,470 | 41,189                  | 211,007               | 41,053   | 87,220                        | 1,820  | 181,917                      | 98,413                              |   |
| 1998  | 694,414                           | 496,444 | 59,893                  | 288,619               | 54,385   | 93,551                        | 2,847  | 195,122                      | 139,645                             |   |
| <b>€ million</b>  |                                   |         |                         |                       |  |                               |        |                              |                                     |   |
| 1999  | 324,888                           | 226,993 | 16,715                  | 124,067               | 37,778   | 48,435                        | 2,565  | 95,331                       | 44,013                              |   |
| 2000  | 319,330                           | 209,187 | 20,724                  | 102,664               | 25,753   | 60,049                        | 6,727  | 103,418                      | 27,008                              |   |
| 2001  | 299,751                           | 202,337 | 16,619                  | 76,341                | 42,277   | 67,099                        | 7,479  | 89,933                       | 6,480                               |   |
| 2002  | 309,157                           | 176,486 | 16,338                  | 59,459                | 34,795   | 65,892                        | 12,149 | 120,527                      | 9,213                               |   |
| 2003  | 369,336                           | 220,103 | 23,210                  | 55,165                | 49,518   | 92,209                        | 10,977 | 138,256                      | 2,850                               |   |
| 2004  | 424,769                           | 275,808 | 20,060                  | 48,249                | 54,075   | 153,423                       | 20,286 | 128,674                      | 4,320                               |   |
| 2005  | 425,523                           | 277,686 | 20,862                  | 63,851                | 49,842   | 143,129                       | 16,360 | 131,479                      | 400                                 |   |
| 2006  | 337,969                           | 190,836 | 17,267                  | 47,814                | 47,000   | 78,756                        | 14,422 | 132,711                      | 69                                  |   |
| 2007  | 315,418                           | 183,660 | 10,183                  | 31,331                | 50,563   | 91,586                        | 13,100 | 118,659                      | –                                   |   |
| 2008 May  | 47,199                            | 31,809  | 430                     | 6,610                 | 6,717  | 18,052                        | 1,759  | 13,631                       | –                                   |   |
| June  | 24,794                            | 14,467  | 1,658                   | 3,011                 | 3,859  | 5,940                         | 2,188  | 8,139                        | –                                   |   |
| July  | 30,474                            | 14,387  | 537                     | 1,488                 | 3,235  | 9,128                         | 1,971  | 14,116                       | –                                   |   |
| Aug   | 43,870                            | 7,273   | 1,715                   | 1,350                 | 955  | 3,253                         | 27,964 | 8,632                        | –                                   |   |
| <b>Net sales <sup>6</sup></b>   |                                   |         |                         |                       |  |                               |        |                              |                                     |   |
| 1995  | 205,482                           | 173,797 | 18,260                  | 96,125                | 3,072  | 56,342                        | –      | 354                          | 61,020                              |   |
| 1996  | 238,427                           | 195,058 | 11,909                  | 121,929               | 6,020  | 55,199                        | 585    | 42,788                       | 69,951                              |   |
| 1997  | 257,521                           | 188,525 | 16,471                  | 115,970               | 12,476   | 43,607                        | 1,560  | 67,437                       | 63,181                              |   |
| 1998  | 327,991                           | 264,627 | 22,538                  | 162,519               | 18,461   | 61,111                        | 3,118  | 60,243                       | 84,308                              |   |
| <b>€ million</b>  |                                   |         |                         |                       |  |                               |        |                              |                                     |   |
| 1999  | 209,096                           | 170,069 | 2,845                   | 80,230                | 31,754   | 55,238                        | 2,185  | 36,840                       | 22,728                              |   |
| 2000  | 155,615                           | 122,774 | 5,937                   | 29,999                | 30,089   | 56,751                        | 7,320  | 25,522                       | 16,705                              |   |
| 2001  | 84,122                            | 60,905  | 6,932                   | 9,254                 | 28,808   | 34,416                        | 8,739  | 14,479                       | 30,657                              |   |
| 2002  | 131,976                           | 56,393  | 7,936                   | 26,806                | 20,707   | 54,561                        | 14,306 | 61,277                       | 44,546                              |   |
| 2003  | 124,556                           | 40,873  | 2,700                   | 42,521                | 44,173   | 36,519                        | 18,431 | 65,253                       | 54,990                              |   |
| 2004  | 167,233                           | 81,860  | 1,039                   | 52,615                | 50,142   | 83,293                        | 18,768 | 66,605                       | 22,124                              |   |
| 2005  | 141,715                           | 65,798  | –                       | 34,255                | 37,242   | 64,962                        | 10,099 | 65,819                       | 35,963                              |   |
| 2006  | 129,423                           | 58,336  | –                       | 20,150                | 44,890   | 46,410                        | 15,605 | 55,482                       | 19,208                              |   |
| 2007  | 86,579                            | 58,168  | –                       | 10,896                | 46,629   | 42,567                        | 73,127 | 3,683                        | 29,750                              |   |
| 2008 May  | 21,643                            | 4,783   | –                       | 820                   | 1,788  | 6,345                         | 1,046  | 14,903                       | 2,182                               |   |
| June  | 9,954                             | 8,386   | –                       | 522                   | 4,725  | 6,257                         | 7,376  | 10                           | 5,526                               |   |
| July  | 11,347                            | 10,517  | –                       | 1,077                 | 885  | 1,611                         | 11,937 | –                            | 5,546                               |   |
| Aug   | 42,747                            | 4,078   | –                       | 2,237                 | 2,707  | 768                           | 3,780  | 28,053                       | 769                                 |   |

\* For definitions, see the explanatory notes in the Statistical Supplement 2 Capital market statistics on p 21 ff. — 1 Excluding registered bank debt securities. — 2 Debt securities issued by enterprises. — 3 Including Federal

Railways Fund, Federal Post Office and Treuhand agency. — 4 Gross sales means only initial sales of newly issued securities. — 5 Maximum maturity according to the terms of issue. — 6 Gross sales less redemptions.

## VII Capital market

### 3 Amounts outstanding of debt securities issued by residents\*

Up to end-1998, DM million nominal value; from 1999, € million nominal value

| End of year or month/<br>Maturity<br>in years          | Bank debt securities <sup>1</sup> |           |                         |                       |  |                               |                    |                           | Memo item<br>Foreign DM/euro<br>bonds issued<br>by German-<br>managed<br>syndicates |  |
|--|-----------------------------------|-----------|-------------------------|-----------------------|--|-------------------------------|--------------------|---------------------------|---|--|
|  | Total                             | Total     | Mortgage<br>Pfandbriefe | Public<br>Pfandbriefe | Debt securities<br>issued by<br>special purpose<br>credit institutions | Other bank<br>debt securities | Corporate<br>bonds | Public<br>debt securities |   |  |
| DM million   |                                   |           |                         |                       |  |                               |                    |                           |   |  |
| 1996   | 3,108,724                         | 1,801,517 | 226,711                 | 845,710               | 228,306  | 500,790                       | 3,331              | 1,303,877                 | 472,180   |  |
| 1997   | 3,366,245                         | 1,990,041 | 243,183                 | 961,679               | 240,782  | 544,397                       | 4,891              | 1,371,313                 | 535,359   |  |
| 1998   | 3,694,234                         | 2,254,668 | 265,721                 | 1,124,198             | 259,243  | 605,507                       | 8,009              | 1,431,558                 | 619,668   |  |
| € million  |                                   |           |                         |                       |  |                               |                    |                           |   |  |
| 1999   | 2,097,926                         | 1,322,863 | 134,814                 | 655,024               | 163,284  | 369,741                       | 6,280              | 768,783                   | 339,560   |  |
| 2000   | 2,265,121                         | 1,445,736 | 140,751                 | 685,122               | 157,374  | 462,488                       | 13,599             | 805,786                   | 322,856   |  |
| 2001   | 2,349,243                         | 1,506,640 | 147,684                 | 675,868               | 201,721  | 481,366                       | 22,339             | 820,264                   | 292,199   |  |
| 2002   | 2,481,220                         | 1,563,034 | 155,620                 | 649,061               | 222,427  | 535,925                       | 36,646             | 881,541                   | 247,655   |  |
| 2003   | 2,605,775                         | 1,603,906 | 158,321                 | 606,541               | 266,602  | 572,442                       | 55,076             | 946,793                   | 192,666   |  |
| 2004   | 2,773,007                         | 1,685,766 | 159,360                 | 553,927               | 316,745  | 655,734                       | 73,844             | 1,013,397                 | 170,543   |  |
| 2005   | 2,914,723                         | 1,751,563 | 157,209                 | 519,674               | 323,587  | 751,093                       | 83,942             | 1,079,218                 | 134,580   |  |
| 2006   | 3,044,145                         | 1,809,899 | 144,397                 | 499,525               | 368,476  | 797,502                       | 99,545             | 1,134,701                 | 115,373   |  |
| 2007   | 3,130,723                         | 1,868,066 | 133,501                 | 452,896               | 411,041  | 870,629                       | 95,863             | 1,166,794                 | 85,623  |  |
| 2008 June  | 3,155,063                         | 1,886,136 | 138,602                 | 417,357               | 494,586  | 835,591                       | 101,319            | 1,167,608                 | 68,681  |  |
| July   | 3,166,410                         | 1,896,653 | 139,679                 | 416,471               | 492,975  | 847,528                       | 102,731            | 1,167,025                 | 63,135  |  |
| Aug  | 3,209,158                         | 1,900,732 | 141,916                 | 413,774               | 493,743  | 851,299                       | 130,784            | 1,177,642                 | 62,366  |  |
| Breakdown by remaining period to maturity <sup>2</sup> |                                   |           |                         |                       |  |                               |                    |                           |   |  |
|  | Position at end-August 2008       |           |                         |                       |  |                               |                    |                           |   |  |
| less than 2  | 1,293,939                         | 886,212   | 63,440                  | 214,875               | 217,933  | 389,965                       | 22,162             | 385,566                   | 38,699  |  |
| 2 to less than 4                                       | 661,858                           | 408,975   | 37,231                  | 100,501               | 102,741  | 168,501                       | 20,254             | 232,629                   | 7,796   |  |
| 4 to less than 6                                       | 431,153                           | 236,333   | 27,397                  | 54,880                | 58,655   | 95,400                        | 17,409             | 177,411                   | 7,721   |  |
| 6 to less than 8                                       | 334,095                           | 186,717   | 9,724                   | 20,844                | 29,518   | 126,632                       | 13,563             | 133,816                   | 2,592   |  |
| 8 to less than 10                                      | 174,915                           | 69,139    | 3,609                   | 14,369                | 31,075   | 20,086                        | 3,129              | 102,645                   | 1,876   |  |
| 10 to less than 15                                     | 40,640                            | 32,659    | 495                     | 4,404                 | 20,150   | 7,610                         | 1,697              | 6,285                     | 894   |  |
| 15 to less than 20                                     | 65,376                            | 13,959    | 19                      | 2,010                 | 7,656  | 4,275                         | 1,318              | 50,098                    | 1,704   |  |
| 20 and more  | 207,183                           | 66,740    | –                       | 1,893                 | 26,013   | 38,833                        | 51,254             | 89,189                    | 1,084   |  |

\* Including debt securities temporarily held in the issuers' portfolios. —  
1 Excluding debt securities handed to the trustee for temporary safe  
custody. — 2 Calculated from month under review until final maturity for

debt securities falling due en bloc and until mean maturity of the residual  
amount outstanding for debt securities not falling due en bloc.

### 4 Shares in circulation issued by residents\*

Up to end-1998, DM million nominal value; from 1999, € million nominal value

| Period     | Share capital =<br>circulation at<br>end of period<br>under review | Net increase or<br>net decrease (–)<br>during period<br>under review | Change in domestic public limited companies' capital due to                |                          |   |   |  |                         |   | Memo item<br>Share circulation at<br>market values<br>(market capita-<br>lisation)<br>level at end<br>of period<br>under review <sup>2</sup> |       |           |           |
|------------|--|--|--|--------------------------|---|---|--|-------------------------|---|--|-------|-----------|-----------|
|            |  |  | cash payments<br>and ex-<br>change of<br>convertible<br>bonds <sup>1</sup> | issue of<br>bonus shares | contribution<br>of claims<br>and other<br>real assets | contribution<br>of shares,<br>mining shares,<br>GmbH shares,<br>etc | merger<br>and<br>transfer<br>of assets | change of<br>legal form | reduction<br>of capital<br>and<br>liquidation |  |       |           |           |
| DM million |  |  |  |                          |   |   |  |                         |   |  |       |           |           |
| 1996       | <sup>3</sup> 216,461   | 7,131  | 8,353  | 1,355                    | 396   | 1,684   | –                                      | 3,056                   | 833   | –  | 2,432 | 723,077   |           |
| 1997       | 221,575  | 5,115  | 4,164  | 2,722                    | 370   | 1,767   | –                                      | 2,423                   | 197   | –  | 1,678 | 1,040,769 |           |
| 1998       | 238,156  | 16,578   | 6,086  | 2,566                    | 658   | 8,607   | –                                      | 4,055                   | 3,905   | –  | 1,188 | 1,258,042 |           |
| € million  |  |  |  |                          |   |   |  |                         |   |  |       |           |           |
| 1999       | 133,513  | 11,747   | 5,519  | 2,008                    | 190   | 1,075   | –                                      | 2,099                   | 1,560   | –  | 708   | 1,603,304 |           |
| 2000       | 147,629  | 14,115   | 3,620  | 3,694                    | 618   | 8,089   | –                                      | 1,986                   | 1,827   | –  | 1,745 | 1,353,000 |           |
| 2001       | 166,187  | 18,561   | 7,987  | 4,057                    | 1,106   | 8,448   | –                                      | 1,018                   | 905   | –  | 3,152 | 1,205,613 |           |
| 2002       | 168,716  | 2,528  | 4,307  | 1,291                    | 486   | 1,690   | –                                      | 868                     | –   | 2,152  | –     | 2,224     | 647,492   |
| 2003       | 162,131  | –  | 6,585  | 4,482                    | 923   | 211   | –                                      | 322                     | –   | 10,806   | –     | 1,584     | 851,001   |
| 2004       | 164,802  | –  | 2,669  | 3,960                    | 1,566   | 276   | –                                      | 220                     | –   | 1,760  | –     | 2,286     | 887,217   |
| 2005       | 163,071  | –  | 1,733  | 2,470                    | 1,040   | 694   | –                                      | 1,443                   | –   | 3,060  | –     | 1,703     | 1,058,532 |
| 2006       | 163,764  | –  | 695  | 2,670                    | 3,347   | 604   | –                                      | 1,868                   | –   | 1,256  | –     | 3,761     | 1,279,638 |
| 2007       | 164,560  | –  | 799  | 3,164                    | 1,322   | 200   | –                                      | 682                     | –   | 1,847  | –     | 1,636     | 1,481,930 |
| 2008 June  | 165,994  | –  | 171  | 162                      | 135   | 2   | –                                      | 10                      | –   | 24   | –     | 115       | 1,195,093 |
| July       | 166,006  | –  | 12   | 119                      | 171   | 8   | –                                      | –                       | –   | 70   | –     | 95        | 1,207,195 |
| Aug        | 165,492  | –  | 514  | 84                       | 404   | 45  | –                                      | –                       | –   | 39   | –     | 81        | 1,177,852 |

\* Excluding shares of public limited investment companies. — 1 Including  
shares issued out of company profits. — 2 Enterprises listed on the Regulated  
Market (the introduction of which marked the end of the division of organ-  
ised trading segments into an official and a regulated market on 1 Novem-  
ber 2007) or the Neuer Markt (stock market segment was closed down on

24 March 2003) are included as well as enterprises listed on the Open Market.  
Source: Bundesbank calculations based on data of the Herausgebergemein-  
schaft Wertpapier-Mitteilungen and the Deutsche Börse AG. — 3 Figure  
revised downwards by DM1,902 million.

VII Capital market

5 Yields and indices on German securities

| Period      | Yields on debt securities outstanding issued by residents <sup>1</sup> |       |                              |   |                      |   |  |  |                    | Price indices <sup>2,3</sup>     |                                   |                              |                                   |                    |
|-------------|--|-------|------------------------------|---|----------------------|---|--|--|--------------------|----------------------------------|-----------------------------------|------------------------------|-----------------------------------|--------------------|
|             | Public debt securities   |       |                              |   | Bank debt securities |   |  | Memo item<br>Foreign<br>DM/euro<br>bonds<br>issued by<br>German-<br>managed<br>syndicates <sup>1,5</sup> | Debt securities    |                                  | Shares                            |                              |                                   |                    |
|             | Total  | Total | Listed<br>Federal securities |   | Total                | With a residual<br>maturity of<br>more than 9<br>and including<br>10 years <sup>4</sup> | With a residual<br>maturity of<br>more than 9<br>and including<br>10 years |  | Corporate<br>bonds | German<br>bond<br>index<br>(REX) | iBoxx<br>€ Germany<br>price index | CDAX<br>share price<br>index | German<br>share<br>index<br>(DAX) |                    |
|             |  |       | Total                        | With a residual<br>maturity of<br>more than 9<br>and including<br>10 years <sup>4</sup> |                      |   |  |  |                    |                                  |                                   |                              |                                   |                    |
| % per annum |  |       |                              |   |                      |   |  |  |                    |                                  | Average<br>daily rate             | End-1998<br>= 100            | End-1987<br>= 100                 | End-1987<br>= 1000 |
| 1996        | 5.6  | 5.6   | 5.6                          | 6.2   | 5.5                  | 6.4   | 5.8  | 5.8  | 110.37             | .                                | 217.47                            | 2,888.69                     |                                   |                    |
| 1997        | 5.1  | 5.1   | 5.1                          | 5.6   | 5.0                  | 5.9   | 5.2  | 5.5  | 111.01             | .                                | 301.47                            | 4,249.69                     |                                   |                    |
| 1998        | 4.5  | 4.4   | 4.4                          | 4.6   | 4.5                  | 4.9   | 5.0  | 5.3  | 118.18             | 100.00                           | 343.64                            | 5,002.39                     |                                   |                    |
| 1999        | 4.3  | 4.3   | 4.3                          | 4.5   | 4.3                  | 4.9   | 5.0  | 5.4  | 110.60             | 92.52                            | 445.95                            | 6,958.14                     |                                   |                    |
| 2000        | 5.4  | 5.3   | 5.2                          | 5.3   | 5.6                  | 5.8   | 6.2  | 6.3  | 112.48             | 94.11                            | 396.59                            | 6,433.61                     |                                   |                    |
| 2001        | 4.8  | 4.7   | 4.7                          | 4.8   | 4.9                  | 5.3   | 5.9  | 6.2  | 113.12             | 94.16                            | 319.38                            | 5,160.10                     |                                   |                    |
| 2002        | 4.7  | 4.6   | 4.6                          | 4.8   | 4.7                  | 5.1   | 6.0  | 5.6  | 117.56             | 97.80                            | 188.46                            | 2,892.63                     |                                   |                    |
| 2003        | 3.7  | 3.8   | 3.8                          | 4.1   | 3.7                  | 4.3   | 5.0  | 4.5  | 117.36             | 97.09                            | 252.48                            | 3,965.16                     |                                   |                    |
| 2004        | 3.7  | 3.7   | 3.7                          | 4.0   | 3.6                  | 4.2   | 4.0  | 4.0  | 120.19             | 99.89                            | 268.32                            | 4,256.08                     |                                   |                    |
| 2005        | 3.1  | 3.2   | 3.2                          | 3.4   | 3.1                  | 3.5   | 3.7  | 3.2  | 120.92             | 101.09                           | 335.59                            | 5,408.26                     |                                   |                    |
| 2006        | 3.8  | 3.7   | 3.7                          | 3.8   | 3.8                  | 4.0   | 4.2  | 4.0  | 116.78             | 96.69                            | 407.16                            | 6,596.92                     |                                   |                    |
| 2007        | 4.3  | 4.3   | 4.2                          | 4.2   | 4.4                  | 4.5   | 5.0  | 4.6  | 114.85             | 94.62                            | 478.65                            | 8,067.32                     |                                   |                    |
| 2008 June   | 4.8  | 4.7   | 4.6                          | 4.5   | 5.1                  | 5.1   | 6.3  | 5.2  | 113.93             | 92.62                            | 375.78                            | 6,418.32                     |                                   |                    |
| July        | 4.8  | 4.7   | 4.6                          | 4.5   | 5.1                  | 5.2   | 6.4  | 5.3  | 114.26             | 93.93                            | 374.48                            | 6,479.56                     |                                   |                    |
| Aug         | 4.5  | 4.3   | 4.3                          | 4.2   | 4.7                  | 4.8   | 6.1  | 5.0  | 116.35             | 94.87                            | 373.55                            | 6,422.30                     |                                   |                    |
| Sep         | 4.4  | 4.2   | 4.2                          | 4.1   | 4.8                  | 4.8   | 6.4  | 5.2  | 116.87             | 95.63                            | 332.07                            | 5,831.02                     |                                   |                    |

1 Bearer debt securities with maximum maturities according to the terms of issue of over 4 years if their mean residual maturities exceed 3 years. Convertible debt securities, etc. debt securities with unscheduled redemption, zero-coupon bonds, floating-rate notes and bonds not denominated in DM or euro are not included. Group yields for the various categories of securities are weighted by the amounts outstanding of the debt securities included in

the calculation. Monthly figures are calculated on the basis of the yields on all the business days in a month. The annual figures are the unweighted means of the monthly figures. — 2 End of year or month. — 3 Source: Deutsche Börse AG. — 4 Only debt securities eligible as underlying instruments for futures contracts; calculated as unweighted averages. — 5 If quoted on German stock exchanges.

6 Sales and purchases of mutual fund shares in Germany

| Period     | Sales                                 |   |  |                                    |   |   |                           |         | Purchases                     |   |   |                        |        |         |  |                                 |
|------------|---------------------------------------|---|--|------------------------------------|---|---|---------------------------|---------|-------------------------------|---|---|------------------------|--------|---------|--|---------------------------------|
|            | Sales<br>=<br>total<br>pur-<br>chases | Domestic mutual funds <sup>1</sup> (sales receipts) |  |                                    |   |   |                           |         | Foreign<br>funds <sup>4</sup> | Residents   |   |                        |        |         |  | Non-resi-<br>dents <sup>5</sup> |
|            |                                       | Total   | Mutual funds open to the<br>general public |                                    |   |   | Special-<br>ised<br>funds | Total   |                               | Credit institutions<br>including building<br>and loan associations <sup>2</sup> |   | Non-banks <sup>3</sup> |        |         |  |                                 |
|            |                                       |   | Money<br>market<br>funds                   | Secur-<br>ities-<br>based<br>funds | Open-<br>end<br>real<br>estate<br>funds | of which<br>Foreign<br>mutual<br>fund<br>shares |                           |         |                               | of which<br>Foreign<br>mutual<br>fund<br>shares                                 | of which<br>Foreign<br>mutual<br>fund<br>shares |                        |        |         |  |                                 |
| DM million |                                       |   |  |                                    |   |   |                           |         |                               |   |   |                        |        |         |  |                                 |
| 1996       | 83,386                                | 79,110  | 16,517                                     | - 4,706                            | 7,273                                   | 13,950  | 62,592                    | 4,276   | 85,704                        | 19,924  | 1,685   | 65,780                 | 2,591  | - 2,318 |  |                                 |
| 1997       | 145,805                               | 138,945   | 31,501                                     | - 5,001                            | 30,066                                  | 6,436   | 107,445                   | 6,860   | 149,977                       | 35,924  | 340   | 114,053                | 6,520  | - 4,172 |  |                                 |
| 1998       | 187,641                               | 169,748   | 38,998                                     | - 5,772                            | 27,814                                  | 4,690   | 130,750                   | 17,893  | 190,416                       | 43,937  | 961   | 146,479                | 16,507 | - 2,775 |  |                                 |
| € million  |                                       |   |  |                                    |   |   |                           |         |                               |   |   |                        |        |         |  |                                 |
| 1999       | 111,282                               | 97,197  | 37,684                                     | - 3,347                            | 23,269                                  | 7,395   | 59,513                    | 14,086  | 105,521                       | 19,862  | - 637   | 85,659                 | 14,722 | 5,761   |  |                                 |
| 2000       | 118,021                               | 85,160  | 39,712                                     | - 2,188                            | 36,818                                  | - 2,824   | 45,448                    | 32,861  | 107,019                       | 14,454  | 92  | 92,565                 | 32,769 | 11,002  |  |                                 |
| 2001       | 97,077                                | 76,811  | 35,522                                     | 12,410                             | 9,195                                   | 10,159  | 41,289                    | 20,266  | 96,127                        | 10,251  | 2,703   | 85,876                 | 17,563 | 951     |  |                                 |
| 2002       | 66,571                                | 59,482  | 25,907                                     | 3,682                              | 7,247                                   | 14,916  | 33,575                    | 7,089   | 67,251                        | 2,100   | 3,007   | 65,151                 | 4,082  | - 680   |  |                                 |
| 2003       | 47,754                                | 43,943  | 20,079                                     | - 924                              | 7,408                                   | 14,166  | 23,864                    | 3,811   | 49,547                        | - 2,658   | 734   | 52,205                 | 3,077  | - 1,793 |  |                                 |
| 2004       | 14,435                                | 1,453   | - 3,978                                    | - 6,160                            | - 1,246                                 | 3,245   | 5,431                     | 12,982  | 10,267                        | 8,446   | 3,796   | 1,821                  | 9,186  | 4,168   |  |                                 |
| 2005       | 85,256                                | 41,718  | 6,400                                      | - 124                              | 7,001                                   | - 3,186   | 35,317                    | 43,538  | 79,242                        | 21,290  | 7,761   | 57,952                 | 35,777 | 6,014   |  |                                 |
| 2006       | 42,974                                | 19,535  | - 14,257                                   | 490                                | - 9,362                                 | - 8,814   | 33,791                    | 23,439  | 34,593                        | - 14,676  | 5,221   | 19,917                 | 18,218 | 8,381   |  |                                 |
| 2007       | 55,141                                | 13,436  | - 7,872                                    | - 4,839                            | - 12,848                                | 6,840   | 21,307                    | 41,705  | 51,456                        | - 229   | 4,240   | 51,685                 | 37,465 | 3,685   |  |                                 |
| 2008 June  | - 8,528                               | - 6,928   | - 4,967                                    | - 653                              | - 6,079                                 | 401   | - 1,960                   | - 1,600 | - 5,216                       | - 3,201   | - 706   | - 2,015                | - 894  | - 3,312 |  |                                 |
| July       | 487                                   | 1,029   | - 346                                      | - 545                              | - 1,591                                 | 1,227   | 1,375                     | - 542   | 1,404                         | - 1,767   | - 879   | 3,171                  | 337    | - 917   |  |                                 |
| Aug        | 3,044                                 | 1,906   | - 563                                      | - 338                              | - 1,007                                 | 459   | 2,468                     | 1,138   | 3,381                         | 745   | - 250   | 2,636                  | 1,388  | - 337   |  |                                 |

1 Including public limited investment companies. — 2 Book values. — 3 Residual. — 4 Net purchases or net sales (-) of foreign fund shares by residents; transaction values. — 5 Net purchases or net sales (-) of domestic

fund shares by non-residents; transaction values (up to end-1988 recorded under shares). — The figures for the most recent date are provisional; revisions are not specially marked.

## VIII Financial accounts

### 1 Acquisition of financial assets and financing of private non-financial sectors

€ billion

| Item  | 2005         | 2006         | 2007          | 2006        |             |              | 2007          |              |              |              | 2008          |
|---|--------------|--------------|---------------|-------------|-------------|--------------|---------------|--------------|--------------|--------------|---------------|
|   |              |              |               | Q2          | Q3          | Q4           | Q1            | Q2           | Q3           | Q4           | Q1            |
| <b>Households <sup>1</sup></b>                |              |              |               |             |             |              |               |              |              |              |               |
| <b>I Acquisition of financial assets</b>      |              |              |               |             |             |              |               |              |              |              |               |
| Currency and deposits                         | 43.9         | 42.5         | 85.9          | 12.2        | 1.3         | 19.6         | 8.9           | 22.1         | 16.5         | 38.4         | 7.0           |
| Money market paper                            | 0.1          | 1.0          | - 0.3         | 0.3         | 0.4         | 0.2          | 0.1           | - 0.1        | - 0.1        | - 0.1        | - 0.1         |
| Bonds   | 16.7         | 37.1         | - 42.1        | 5.5         | 19.2        | - 10.0       | 6.8           | - 17.6       | - 9.5        | - 21.7       | 11.3          |
| Shares  | - 4.0        | - 5.0        | - 16.5        | - 2.0       | - 1.0       | - 1.0        | - 1.0         | - 1.0        | - 2.5        | - 12.0       | - 1.0         |
| Other equity                                  | 3.0          | 2.9          | 2.9           | 0.8         | 0.7         | 0.8          | 0.8           | 0.7          | 0.8          | 0.7          | 0.8           |
| Mutual funds shares                           | 17.7         | - 7.0        | 25.5          | 1.1         | - 8.2       | 0.3          | 11.4          | 9.9          | - 4.5        | 8.7          | 10.9          |
| Claims on insurance corporations <sup>2</sup> | 59.3         | 55.0         | 53.8          | 12.1        | 13.5        | 14.0         | 15.2          | 12.4         | 13.8         | 12.4         | 15.0          |
| Short-term claims                             | 2.7          | 3.0          | 2.9           | 0.7         | 0.8         | 0.7          | 0.8           | 0.7          | 0.7          | 0.7          | 0.7           |
| Longer-term claims                            | 56.6         | 52.1         | 50.9          | 11.3        | 12.7        | 13.3         | 14.4          | 11.7         | 13.1         | 11.7         | 14.3          |
| Claims from company pension commitments       | 7.3          | 10.3         | 10.8          | 2.5         | 2.6         | 2.7          | 2.6           | 2.7          | 2.7          | 2.7          | 3.0           |
| Other claims <sup>3</sup>                     | - 6.2        | - 4.9        | - 4.8         | - 1.3       | - 1.2       | - 1.2        | - 1.2         | - 1.2        | - 1.2        | - 1.1        | - 1.2         |
| <b>Total</b>                                  | <b>137.7</b> | <b>132.0</b> | <b>115.2</b>  | <b>31.2</b> | <b>27.2</b> | <b>25.3</b>  | <b>43.5</b>   | <b>27.9</b>  | <b>15.9</b>  | <b>27.8</b>  | <b>45.5</b>   |
| <b>II Financing</b>                           |              |              |               |             |             |              |               |              |              |              |               |
| Loans   | - 3.4        | - 7.2        | - 19.0        | 1.4         | 6.0         | - 6.2        | - 10.1        | - 1.1        | - 4.5        | - 3.4        | - 9.8         |
| Short-term loans                              | - 5.1        | - 5.4        | - 1.2         | - 0.3       | - 0.2       | - 2.6        | - 2.0         | 0.7          | - 0.9        | 1.0          | - 0.7         |
| Longer-term loans                             | 1.7          | - 1.7        | - 17.8        | 1.6         | 6.1         | - 3.6        | - 8.0         | - 1.8        | - 3.6        | - 4.4        | - 9.0         |
| Other liabilities                             | - 2.6        | 0.4          | 0.7           | 0.3         | - 0.1       | 0.0          | 0.1           | 0.2          | 0.2          | 0.2          | - 0.2         |
| <b>Total</b>                                  | <b>- 6.0</b> | <b>- 6.8</b> | <b>- 18.3</b> | <b>1.7</b>  | <b>5.9</b>  | <b>- 6.2</b> | <b>- 10.0</b> | <b>- 0.9</b> | <b>- 4.3</b> | <b>- 3.2</b> | <b>- 10.0</b> |
| <b>Corporations</b>                           |              |              |               |             |             |              |               |              |              |              |               |
| <b>I Acquisition of financial assets</b>      |              |              |               |             |             |              |               |              |              |              |               |
| Currency and deposits                         | 41.7         | 27.8         | 61.2          | 6.2         | 7.4         | 15.8         | 16.2          | 6.8          | 11.9         | 26.3         | 4.9           |
| Money market paper                            | 2.6          | 9.6          | - 22.2        | - 0.1       | 3.3         | 1.9          | 3.9           | - 1.0        | - 12.5       | - 12.5       | 13.8          |
| Bonds   | - 17.9       | - 27.1       | - 131.8       | 15.8        | - 26.9      | - 3.3        | - 22.8        | - 9.6        | - 49.0       | - 50.5       | - 32.5        |
| Financial derivatives                         | 3.8          | 1.5          | 37.9          | - 1.7       | 1.3         | 0.7          | 5.1           | 4.8          | 13.7         | 14.3         | 10.0          |
| Shares  | 10.6         | - 7.6        | 79.0          | 24.0        | 13.9        | - 36.8       | 1.6           | 43.6         | 19.7         | 14.1         | 31.7          |
| Other equity                                  | - 5.5        | 34.0         | 19.7          | 8.5         | 15.1        | 10.1         | 5.0           | 1.1          | 15.3         | - 1.7        | 13.3          |
| Mutual funds shares                           | 4.9          | - 8.1        | - 3.1         | - 0.4       | - 6.0       | 0.0          | - 1.5         | - 5.3        | 2.0          | 1.8          | - 3.7         |
| Loans   | 45.6         | 18.8         | - 13.2        | 7.8         | - 7.4       | 28.9         | - 19.8        | 12.9         | 0.6          | - 6.9        | - 20.5        |
| Short-term loans                              | 38.3         | 11.0         | - 16.2        | 7.8         | - 7.7       | 23.2         | - 19.6        | 7.6          | - 2.8        | - 1.4        | - 26.3        |
| Longer-term loans                             | 7.2          | 7.8          | 3.0           | - 0.0       | 0.4         | 5.7          | - 0.2         | 5.3          | 3.4          | - 5.5        | 5.8           |
| Claims on insurance corporations <sup>2</sup> | 1.7          | 1.5          | 1.5           | 0.4         | 0.4         | 0.4          | 0.4           | 0.4          | 0.4          | 0.4          | 0.4           |
| Short-term claims                             | 1.7          | 1.5          | 1.5           | 0.4         | 0.4         | 0.4          | 0.4           | 0.4          | 0.4          | 0.4          | 0.4           |
| Longer-term claims                            | .            | .            | .             | .           | .           | .            | .             | .            | .            | .            | .             |
| Other claims                                  | - 9.3        | 47.2         | 128.5         | 2.0         | 9.8         | 5.6          | 25.2          | - 4.4        | 25.5         | 82.2         | 20.4          |
| <b>Total</b>                                  | <b>78.0</b>  | <b>97.7</b>  | <b>157.4</b>  | <b>62.5</b> | <b>10.9</b> | <b>23.3</b>  | <b>13.3</b>   | <b>49.1</b>  | <b>27.6</b>  | <b>67.4</b>  | <b>37.9</b>   |
| <b>II Financing</b>                           |              |              |               |             |             |              |               |              |              |              |               |
| Money market paper                            | - 6.9        | 1.8          | 18.2          | 3.2         | - 3.8       | - 4.1        | 6.1           | 4.1          | - 0.5        | 8.5          | 10.3          |
| Bonds   | 10.1         | 15.6         | - 3.7         | 6.3         | 8.0         | - 2.4        | - 1.8         | - 1.0        | 0.8          | - 1.7        | 0.9           |
| Financial derivatives                         | .            | .            | .             | .           | .           | .            | .             | .            | .            | .            | .             |
| Shares  | 6.0          | 4.7          | 6.8           | 2.5         | 2.8         | 0.3          | 1.9           | 2.6          | 0.8          | 1.5          | 0.9           |
| Other equity                                  | 1.2          | 22.6         | 18.9          | 1.8         | 8.6         | 10.4         | 6.0           | 1.2          | 6.9          | 4.8          | 5.7           |
| Loans   | 1.0          | 55.2         | 48.4          | 23.6        | 11.5        | 39.3         | - 4.5         | 13.3         | 12.3         | 27.2         | - 5.9         |
| Short-term loans                              | 2.5          | 26.3         | 24.3          | 7.1         | 8.4         | 16.3         | - 2.6         | 11.3         | 4.1          | 6.3          | - 2.1         |
| Longer-term loans                             | - 1.5        | 28.9         | 24.0          | 16.5        | 3.1         | 22.9         | - 7.1         | 2.0          | 8.2          | 20.9         | - 3.9         |
| Claims from company pension commitments       | 5.5          | 8.2          | 8.2           | 2.1         | 2.1         | 2.0          | 2.1           | 2.1          | 2.1          | 2.0          | 2.1           |
| Other liabilities                             | 6.0          | - 6.8        | 11.1          | - 5.7       | - 3.0       | - 7.4        | 14.5          | - 3.6        | - 0.9        | 1.0          | 10.2          |
| <b>Total</b>                                  | <b>22.9</b>  | <b>101.3</b> | <b>107.8</b>  | <b>33.7</b> | <b>26.1</b> | <b>38.1</b>  | <b>24.4</b>   | <b>18.7</b>  | <b>21.4</b>  | <b>43.4</b>  | <b>24.1</b>   |

<sup>1</sup> Including non-profit institutions serving households. — <sup>2</sup> Including private pension funds, burial funds, occupational pension schemes and

supplementary pension funds. — <sup>3</sup> Including accumulated interest-bearing surplus shares with insurance corporations.



## VIII Financial accounts

## 2 Financial assets and liabilities of private non-financial sectors

End-of-year level, end-of-quarter level; € billion

| Item  | 2005           | 2006           | 2007           | 2006           |                |                | 2007           |                |                |                | 2008           |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|   |                |                |                | Q2             | Q3             | Q4             | Q1             | Q2             | Q3             | Q4             |                |
| <b>Households <sup>1</sup></b>                |                |                |                |                |                |                |                |                |                |                |                |
| <b>I Financial assets</b>                     |                |                |                |                |                |                |                |                |                |                |                |
| Currency and deposits                         | 1,492.3        | 1,534.8        | 1,620.8        | 1,513.9        | 1,515.2        | 1,534.8        | 1,543.7        | 1,565.8        | 1,582.4        | 1,620.8        | 1,627.8        |
| Money market paper                            | 1.0            | 2.0            | 1.7            | 1.5            | 1.8            | 2.0            | 2.0            | 1.9            | 1.8            | 1.7            | 1.6            |
| Bonds   | 321.1          | 361.1          | 330.8          | 351.1          | 354.0          | 361.1          | 373.0          | 343.8          | 346.7          | 330.8          | 341.7          |
| Shares  | 319.6          | 368.3          | 393.3          | 335.8          | 344.3          | 368.3          | 395.0          | 411.5          | 394.5          | 393.3          | 340.1          |
| Other equity                                  | 216.1          | 225.5          | 205.4          | 212.1          | 215.7          | 225.5          | 211.5          | 210.4          | 208.5          | 205.4          | 197.9          |
| Mutual funds shares                           | 513.4          | 514.4          | 545.1          | 507.0          | 506.0          | 514.4          | 524.3          | 543.1          | 538.7          | 545.1          | 533.4          |
| Claims on insurance corporations <sup>2</sup> | 1,053.2        | 1,107.8        | 1,164.6        | 1,080.6        | 1,094.0        | 1,107.8        | 1,122.9        | 1,135.2        | 1,149.0        | 1,164.6        | 1,179.6        |
| Short-term claims                             | 77.6           | 80.6           | 82.6           | 79.1           | 79.9           | 80.6           | 81.3           | 82.1           | 82.8           | 82.6           | 83.3           |
| Longer-term claims                            | 975.6          | 1,027.2        | 1,082.0        | 1,001.5        | 1,014.1        | 1,027.2        | 1,041.5        | 1,053.2        | 1,066.2        | 1,082.0        | 1,096.3        |
| Claims from company pension commitments       | 240.5          | 250.8          | 261.6          | 245.6          | 248.1          | 250.8          | 253.4          | 256.1          | 258.8          | 261.6          | 264.5          |
| Other claims <sup>3</sup>                     | 51.6           | 46.7           | 40.3           | 49.2           | 48.0           | 46.7           | 45.5           | 44.3           | 43.0           | 40.3           | 39.1           |
| <b>Total</b>                                  | <b>4,208.9</b> | <b>4,411.5</b> | <b>4,563.6</b> | <b>4,296.8</b> | <b>4,327.1</b> | <b>4,411.5</b> | <b>4,471.4</b> | <b>4,512.2</b> | <b>4,523.4</b> | <b>4,563.6</b> | <b>4,525.6</b> |
| <b>II Liabilities</b>                         |                |                |                |                |                |                |                |                |                |                |                |
| Loans   | 1,555.9        | 1,556.1        | 1,537.6        | 1,557.6        | 1,562.8        | 1,556.1        | 1,546.7        | 1,545.6        | 1,541.0        | 1,537.6        | 1,526.5        |
| Short-term loans                              | 85.6           | 80.2           | 78.9           | 82.9           | 82.8           | 80.2           | 78.5           | 79.2           | 77.9           | 78.9           | 78.1           |
| Longer-term loans                             | 1,470.3        | 1,475.9        | 1,458.7        | 1,474.7        | 1,480.0        | 1,475.9        | 1,468.2        | 1,466.4        | 1,463.1        | 1,458.7        | 1,448.4        |
| Other liabilities                             | 12.8           | 9.6            | 9.2            | 11.4           | 11.0           | 9.6            | 10.9           | 10.9           | 10.8           | 9.2            | 9.4            |
| <b>Total</b>                                  | <b>1,568.7</b> | <b>1,565.8</b> | <b>1,546.8</b> | <b>1,569.0</b> | <b>1,573.8</b> | <b>1,565.8</b> | <b>1,557.6</b> | <b>1,556.5</b> | <b>1,551.8</b> | <b>1,546.8</b> | <b>1,536.0</b> |
| <b>Corporations</b>                           |                |                |                |                |                |                |                |                |                |                |                |
| <b>I Financial assets</b>                     |                |                |                |                |                |                |                |                |                |                |                |
| Currency and deposits                         | 396.1          | 438.7          | 507.9          | 424.6          | 443.3          | 438.7          | 474.4          | 474.8          | 492.7          | 507.9          | 531.9          |
| Money market paper                            | 31.1           | 36.2           | 32.4           | 31.7           | 35.4           | 36.2           | 41.4           | 44.1           | 28.9           | 32.4           | 32.8           |
| Bonds   | 136.4          | 109.1          | 29.3           | 140.6          | 107.2          | 109.1          | 87.8           | 75.5           | 29.2           | 29.3           | 16.8           |
| Financial derivatives                         | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Shares  | 825.6          | 972.4          | 1,165.0        | 893.7          | 940.4          | 972.4          | 1,050.3        | 1,137.0        | 1,115.1        | 1,165.0        | 1,057.2        |
| Other equity                                  | 276.0          | 319.3          | 305.9          | 277.9          | 296.8          | 319.3          | 303.3          | 301.8          | 313.2          | 305.9          | 306.9          |
| Mutual funds shares                           | 110.5          | 106.5          | 109.5          | 108.5          | 106.6          | 106.5          | 108.2          | 104.9          | 107.6          | 109.5          | 103.9          |
| Loans   | 126.1          | 147.5          | 149.2          | 127.8          | 118.5          | 147.5          | 132.9          | 147.7          | 147.9          | 149.2          | 129.8          |
| Short-term loans                              | 91.1           | 107.3          | 108.7          | 90.8           | 83.1           | 107.3          | 96.9           | 107.6          | 104.2          | 108.7          | 85.7           |
| Longer-term loans                             | 35.0           | 40.3           | 40.4           | 37.0           | 35.4           | 40.3           | 36.0           | 40.2           | 43.7           | 40.4           | 44.2           |
| Claims on insurance corporations <sup>2</sup> | 41.4           | 42.8           | 44.2           | 42.1           | 42.5           | 42.8           | 43.2           | 43.6           | 44.0           | 44.2           | 44.6           |
| Short-term claims                             | 41.4           | 42.8           | 44.2           | 42.1           | 42.5           | 42.8           | 43.2           | 43.6           | 44.0           | 44.2           | 44.6           |
| Longer-term claims                            | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Other claims                                  | 399.5          | 446.4          | 501.6          | 419.1          | 428.6          | 446.4          | 464.0          | 468.7          | 488.2          | 501.6          | 522.3          |
| <b>Total</b>                                  | <b>2,342.8</b> | <b>2,619.0</b> | <b>2,845.0</b> | <b>2,466.0</b> | <b>2,519.2</b> | <b>2,619.0</b> | <b>2,705.6</b> | <b>2,798.1</b> | <b>2,766.9</b> | <b>2,845.0</b> | <b>2,746.3</b> |
| <b>II Liabilities</b>                         |                |                |                |                |                |                |                |                |                |                |                |
| Money market paper                            | 17.1           | 18.9           | 37.1           | 26.8           | 23.0           | 18.9           | 25.0           | 29.1           | 28.6           | 37.1           | 47.4           |
| Bonds   | 89.6           | 93.7           | 92.5           | 93.8           | 94.7           | 93.7           | 92.4           | 89.5           | 93.0           | 92.5           | 96.1           |
| Financial derivatives                         | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              |
| Shares  | 1,137.4        | 1,359.8        | 1,620.6        | 1,230.9        | 1,251.8        | 1,359.8        | 1,439.5        | 1,597.1        | 1,600.6        | 1,620.6        | 1,369.3        |
| Other equity                                  | 600.6          | 623.2          | 642.1          | 604.2          | 612.8          | 623.2          | 629.2          | 630.4          | 637.3          | 642.1          | 647.8          |
| Loans   | 1,270.1        | 1,338.6        | 1,402.8        | 1,304.0        | 1,325.0        | 1,338.6        | 1,347.8        | 1,368.4        | 1,384.7        | 1,402.8        | 1,420.5        |
| Short-term loans                              | 334.5          | 360.7          | 391.2          | 336.3          | 347.8          | 360.7          | 364.7          | 380.8          | 384.7          | 391.2          | 384.5          |
| Longer-term loans                             | 935.6          | 977.9          | 1,011.6        | 967.7          | 977.2          | 977.9          | 983.1          | 987.6          | 1,000.0        | 1,011.6        | 1,036.0        |
| Claims from company pension commitments       | 206.1          | 214.2          | 222.4          | 210.2          | 212.2          | 214.2          | 216.3          | 218.3          | 220.4          | 222.4          | 224.4          |
| Other liabilities                             | 356.6          | 381.2          | 429.8          | 363.9          | 365.9          | 381.2          | 391.9          | 404.0          | 418.2          | 429.8          | 435.0          |
| <b>Total</b>                                  | <b>3,677.4</b> | <b>4,029.6</b> | <b>4,447.4</b> | <b>3,833.6</b> | <b>3,885.4</b> | <b>4,029.6</b> | <b>4,142.1</b> | <b>4,336.8</b> | <b>4,382.8</b> | <b>4,447.4</b> | <b>4,240.5</b> |

<sup>1</sup> Including non-profit institutions serving households. — <sup>2</sup> Including private pension funds, burial funds, occupational pension schemes and

supplementary pension funds. — <sup>3</sup> Including accumulated interest-bearing surplus shares with insurance corporations.

**IX Public finances in Germany**
**1 General government: deficit and debt level as defined in the Maastricht Treaty**

| Period                                | General government | Central government | State government | Local government | Social security funds | General government     | Central government | State government | Local government | Social security funds |
|---------------------------------------|--------------------|--------------------|------------------|------------------|-----------------------|------------------------|--------------------|------------------|------------------|-----------------------|
|                                       | € billion          |                    |                  |                  |                       | as a percentage of GDP |                    |                  |                  |                       |
| <b>Deficit / surplus <sup>1</sup></b> |                    |                    |                  |                  |                       |                        |                    |                  |                  |                       |
| 2002                                  | - 78.3             | - 36.0             | - 30.6           | - 5.0            | - 6.8                 | - 3.7                  | - 1.7              | - 1.4            | - 0.2            | - 0.3                 |
| 2003                                  | - 87.2             | - 39.6             | - 32.7           | - 7.1            | - 7.7                 | - 4.0                  | - 1.8              | - 1.5            | - 0.3            | - 0.4                 |
| 2004                                  | - 83.5             | - 52.0             | - 27.9           | - 2.4            | - 1.2                 | - 3.8                  | - 2.4              | - 1.3            | - 0.1            | - 0.1                 |
| 2005 p                                | - 74.1             | - 47.5             | - 22.6           | + 0.1            | - 4.1                 | - 3.3                  | - 2.1              | - 1.0            | + 0.0            | - 0.2                 |
| 2006 p                                | - 35.6             | - 34.3             | - 10.3           | + 4.0            | + 5.0                 | - 1.5                  | - 1.5              | - 0.4            | + 0.2            | + 0.2                 |
| 2007 p                                | + 3.4              | - 18.7             | + 3.4            | + 8.3            | + 10.4                | + 0.1                  | - 0.8              | + 0.1            | + 0.3            | + 0.4                 |
| 2006 H1 p                             | - 21.9             | - 20.5             | - 5.5            | + 1.5            | + 2.7                 | - 1.9                  | - 1.8              | - 0.5            | + 0.1            | + 0.2                 |
| H2 p                                  | - 14.0             | - 14.1             | - 4.8            | + 2.6            | + 2.3                 | - 1.2                  | - 1.2              | - 0.4            | + 0.2            | + 0.2                 |
| 2007 H1 p                             | + 4.2              | - 10.2             | + 3.7            | + 4.0            | + 6.7                 | + 0.4                  | - 0.9              | + 0.3            | + 0.3            | + 0.6                 |
| H2 p                                  | - 1.1              | - 8.7              | - 0.4            | + 4.3            | + 3.7                 | - 0.1                  | - 0.7              | - 0.0            | + 0.3            | + 0.3                 |
| 2008 H1 pe                            | + 6.7              | - 8.9              | + 3.5            | + 6.8            | + 5.3                 | + 0.5                  | - 0.7              | + 0.3            | + 0.6            | + 0.4                 |
| <b>Debt level <sup>2</sup></b>        |                    |                    |                  |                  |                       |                        |                    |                  |                  |                       |
| End of year or quarter                |                    |                    |                  |                  |                       |                        |                    |                  |                  |                       |
| 2002                                  | 1,293.0            | 798.1              | 404.1            | 104.3            | 3.0                   | 60.3                   | 37.2               | 18.9             | 4.9              | 0.1                   |
| 2003                                  | 1,381.0            | 845.4              | 435.3            | 111.4            | 5.3                   | 63.8                   | 39.1               | 20.1             | 5.1              | 0.2                   |
| 2004                                  | 1,451.1            | 887.1              | 459.7            | 116.1            | 4.2                   | 65.6                   | 40.1               | 20.8             | 5.3              | 0.2                   |
| 2005                                  | 1,521.5            | 933.0              | 481.9            | 119.7            | 2.7                   | 67.8                   | 41.6               | 21.5             | 5.3              | 0.1                   |
| 2006                                  | 1,569.0            | 968.6              | 491.8            | 122.2            | 1.7                   | 67.6                   | 41.7               | 21.2             | 5.3              | 0.1                   |
| 2007 pe                               | 1,577.2            | 977.0              | 493.5            | 120.1            | 1.6                   | 65.1                   | 40.3               | 20.4             | 5.0              | 0.1                   |
| 2006 Q1                               | 1,540.7            | 945.1              | 487.8            | 121.3            | 2.3                   | 68.0                   | 41.7               | 21.5             | 5.4              | 0.1                   |
| Q2                                    | 1,560.7            | 964.0              | 488.5            | 122.2            | 1.7                   | 68.5                   | 42.3               | 21.5             | 5.4              | 0.1                   |
| Q3                                    | 1,575.8            | 980.0              | 488.3            | 121.3            | 1.7                   | 68.6                   | 42.7               | 21.3             | 5.3              | 0.1                   |
| Q4                                    | 1,569.0            | 968.6              | 491.8            | 122.2            | 1.7                   | 67.6                   | 41.7               | 21.2             | 5.3              | 0.1                   |
| 2007 Q1 pe                            | 1,573.7            | 973.0              | 492.7            | 121.4            | 1.4                   | 66.9                   | 41.4               | 21.0             | 5.2              | 0.1                   |
| Q2 pe                                 | 1,592.5            | 995.7              | 488.9            | 121.4            | 1.5                   | 67.0                   | 41.9               | 20.6             | 5.1              | 0.1                   |
| Q3 pe                                 | 1,573.9            | 978.1              | 489.2            | 119.9            | 1.6                   | 65.5                   | 40.7               | 20.4             | 5.0              | 0.1                   |
| Q4 pe                                 | 1,577.2            | 977.0              | 493.5            | 120.1            | 1.6                   | 65.1                   | 40.3               | 20.4             | 5.0              | 0.1                   |
| 2008 Q1 pe                            | 1,578.8            | 987.3              | 486.5            | 118.2            | 1.6                   | 64.7                   | 40.4               | 19.9             | 4.8              | 0.1                   |
| Q2 pe                                 | 1,591.8            | 995.3              | 490.8            | 118.5            | 1.6                   | 64.5                   | 40.3               | 19.9             | 4.8              | 0.1                   |

Source: Federal Statistical Office and Bundesbank calculations. Deficit / surplus data as of August 2008. — 1 Unlike the fiscal balance as shown in the national accounts, the deficit as defined in the Maastricht Treaty includes interest flows from swaps and forward rate agreements. The half-year figures

correspond to the deficit / surplus according to the national accounts. — 2 Quarterly GDP ratios are based on the national output of the four preceding quarters.

**2 General government: revenue, expenditure and fiscal deficit / surplus as shown in the national accounts \***

| Period                         | Revenue |                      |       | Expenditure     |                           |          |                         |       |       | Deficit / surplus | Memo item Total tax burden <sup>1</sup> |       |
|--------------------------------|---------|----------------------|-------|-----------------|---------------------------|----------|-------------------------|-------|-------|-------------------|---|-------|
|                                | Total   | of which             |       | Total           | of which                  |          |                         |       |       |                   |   |       |
|                                | Taxes   | Social contributions | Other | Social benefits | Compensation of employees | Interest | Gross capital formation | Other |       |                   |   |       |
| <b>€ billion</b>               |         |                      |       |                 |                           |          |                         |       |       |                   |   |       |
| 2002                           | 952.5   | 477.5                | 390.7 | 84.3            | 1,030.8                   | 579.8    | 168.7                   | 62.7  | 36.1  | 183.6             | - 78.3                                  | 879.2 |
| 2003                           | 961.9   | 481.8                | 396.3 | 83.9            | 1,049.2                   | 594.2    | 169.2                   | 64.3  | 33.9  | 187.6             | - 87.3                                  | 889.3 |
| 2004                           | 957.7   | 481.3                | 396.5 | 79.9            | 1,041.2                   | 592.0    | 169.6                   | 62.4  | 31.7  | 185.5             | - 83.5                                  | 888.0 |
| 2005 p                         | 976.2   | 493.2                | 396.5 | 86.6            | 1,050.5                   | 597.2    | 168.7                   | 62.3  | 31.0  | 191.3             | - 74.3                                  | 900.5 |
| 2006 p                         | 1,016.4 | 530.5                | 399.9 | 86.0            | 1,052.3                   | 597.9    | 167.5                   | 65.3  | 32.6  | 189.1             | - 35.9                                  | 941.7 |
| 2007 p                         | 1,064.7 | 576.3                | 399.9 | 88.6            | 1,061.6                   | 596.7    | 168.0                   | 67.4  | 35.6  | 194.0             | + 3.1                                   | 988.2 |
| <b>as a percentage of GDP</b>  |         |                      |       |                 |                           |          |                         |       |       |                   |   |       |
| 2002                           | 44.4    | 22.3                 | 18.2  | 3.9             | 48.1                      | 27.1     | 7.9                     | 2.9   | 1.7   | 8.6               | - 3.7                                   | 41.0  |
| 2003                           | 44.5    | 22.3                 | 18.3  | 3.9             | 48.5                      | 27.5     | 7.8                     | 3.0   | 1.6   | 8.7               | - 4.0                                   | 41.1  |
| 2004                           | 43.3    | 21.8                 | 17.9  | 3.6             | 47.1                      | 26.8     | 7.7                     | 2.8   | 1.4   | 8.4               | - 3.8                                   | 40.2  |
| 2005 p                         | 43.5    | 22.0                 | 17.7  | 3.9             | 46.8                      | 26.6     | 7.5                     | 2.8   | 1.4   | 8.5               | - 3.3                                   | 40.1  |
| 2006 p                         | 43.8    | 22.9                 | 17.2  | 3.7             | 45.3                      | 25.8     | 7.2                     | 2.8   | 1.4   | 8.1               | - 1.5                                   | 40.6  |
| 2007 p                         | 43.9    | 23.8                 | 16.5  | 3.7             | 43.8                      | 24.6     | 6.9                     | 2.8   | 1.5   | 8.0               | + 0.1                                   | 40.8  |
| <b>Percentage growth rates</b> |         |                      |       |                 |                           |          |                         |       |       |                   |   |       |
| 2002                           | + 0.7   | - 0.1                | + 1.8 | + 0.3           | + 2.6                     | + 5.2    | + 1.5                   | - 2.8 | - 2.1 | - 1.5             | .                                       | + 0.5 |
| 2003                           | + 1.0   | + 0.9                | + 1.4 | - 0.5           | + 1.8                     | + 2.5    | + 0.3                   | + 2.6 | - 6.1 | + 2.2             | .                                       | + 1.1 |
| 2004                           | - 0.4   | - 0.1                | + 0.1 | - 4.8           | - 0.8                     | - 0.4    | + 0.2                   | - 3.0 | - 6.4 | - 1.1             | .                                       | - 0.1 |
| 2005 p                         | + 1.9   | + 2.5                | - 0.0 | + 8.3           | + 0.9                     | + 0.9    | - 0.5                   | - 0.1 | - 2.3 | + 3.1             | .                                       | + 1.4 |
| 2006 p                         | + 4.1   | + 7.6                | + 0.9 | - 0.7           | + 0.2                     | + 0.1    | - 0.7                   | + 4.7 | + 5.3 | - 1.2             | .                                       | + 4.6 |
| 2007 p                         | + 4.8   | + 8.6                | + 0.0 | + 3.0           | + 0.9                     | - 0.2    | + 0.3                   | + 3.2 | + 9.2 | + 2.6             | .                                       | + 4.9 |

Source: Federal Statistical Office. — \* Figures in accordance with ESA 1995; data as of August 2008. In the Monthly Reports up to December 2006, customs duties, the EU share in VAT revenue and EU subsidies were included in the national accounts' data (without affecting the fiscal deficit / surplus).

This information can still be found on the Bundesbank's website. — 1 Taxes and social contributions plus customs duties and the EU share in VAT revenue.

IX Public finances in Germany

3 General government: budgetary development (as per government's financial statistics)

€ billion

| Period    | Central, state and local government 1 |          |                          |             |                       |                |          |                       |                          | Social security funds 2 |           |             | General government, total |         |             |                   |
|-----------|---------------------------------------|----------|--------------------------|-------------|-----------------------|----------------|----------|-----------------------|--------------------------|-------------------------|-----------|-------------|---------------------------|---------|-------------|-------------------|
|           | Revenue                               |          |                          | Expenditure |                       |                |          |                       |                          | Deficit / surplus       | Revenue 6 | Expenditure | Deficit / surplus         | Revenue | Expenditure | Deficit / surplus |
|           | Total 4                               | of which |                          | Total 4     | of which 3            |                |          |                       |                          |                         |           |             |                           |         |             |                   |
|           |                                       | Taxes    | Financial transactions 5 |             | Personnel expenditure | Current grants | Interest | Fixed asset formation | Financial transactions 5 |                         |           |             |                           |         |             |                   |
| 2001      | 555.5                                 | 446.2    | 23.5                     | 599.6       | 169.9                 | 213.9          | 66.6     | 40.1                  | 16.7                     | - 44.2                  | 445.1     | 449.1       | - 4.0                     | 923.3   | 971.5       | - 48.2            |
| 2002 p    | 554.7                                 | 441.7    | 20.5                     | 610.9       | 173.3                 | 226.8          | 66.1     | 38.7                  | 11.3                     | - 56.2                  | 457.7     | 466.0       | - 8.3                     | 927.7   | 992.2       | - 64.5            |
| 2003 pe   | 547.0                                 | 442.2    | 21.5                     | 614.3       | 174.0                 | 235.0          | 65.6     | 36.3                  | 10.0                     | - 67.3                  | 467.6     | 474.4       | - 6.8                     | 925.2   | 999.3       | - 74.1            |
| 2004 pe   | 545.9                                 | 442.8    | 24.1                     | 610.7       | 173.4                 | 236.9          | 64.8     | 34.3                  | 9.6                      | - 64.8                  | 469.7     | 468.5       | + 1.2                     | 926.8   | 990.4       | - 63.6            |
| 2005 pe   | 568.9                                 | 452.1    | 31.3                     | 621.1       | 172.1                 | 245.3          | 64.0     | 33.0                  | 14.3                     | - 52.2                  | 467.8     | 471.0       | - 3.2                     | 947.4   | 1,002.7     | - 55.3            |
| 2006 pe   | 589.0                                 | 488.4    | 18.1                     | 625.1       | 169.4                 | 252.1          | 64.4     | 33.5                  | 11.7                     | - 36.1                  | 486.3     | 466.3       | + 20.0                    | 986.3   | 1,002.4     | - 16.0            |
| 2007 pe   | 644.1                                 | 538.2    | 17.7                     | 643.5       | 181.4                 | 250.6          | 66.1     | 34.1                  | 9.6                      | + 0.6                   | 475.1     | 465.7       | + 9.4                     | 1,024.8 | 1,014.7     | + 10.1            |
| 2006 Q1 p | 131.4                                 | 106.3    | 3.8                      | 160.4       | 40.6                  | 65.6           | 25.1     | 4.8                   | 2.9                      | - 29.0                  | 120.5     | 116.6       | + 3.9                     | 229.0   | 254.1       | - 25.1            |
| Q2 p      | 144.3                                 | 121.8    | 4.1                      | 139.9       | 40.7                  | 59.9           | 9.5      | 6.4                   | 2.5                      | + 4.5                   | 122.2     | 117.1       | + 5.0                     | 245.1   | 235.6       | + 9.5             |
| Q3 p      | 146.4                                 | 121.8    | 5.9                      | 156.0       | 40.6                  | 61.2           | 20.5     | 8.4                   | 2.6                      | - 9.5                   | 117.0     | 115.2       | + 1.7                     | 241.4   | 249.2       | - 7.8             |
| Q4 p      | 166.0                                 | 138.7    | 4.0                      | 167.8       | 46.1                  | 64.1           | 9.0      | 12.9                  | 3.5                      | - 1.8                   | 127.2     | 117.2       | + 10.0                    | 271.1   | 263.0       | + 8.1             |
| 2007 Q1 p | 149.4                                 | 122.3    | 2.8                      | 164.5       | 42.7                  | 64.9           | 25.5     | 5.3                   | 3.4                      | - 15.1                  | 112.2     | 115.6       | - 3.4                     | 238.4   | 256.9       | - 18.5            |
| Q2 p      | 158.5                                 | 136.9    | 3.0                      | 144.5       | 43.9                  | 58.4           | 10.0     | 6.7                   | 2.5                      | + 14.0                  | 119.0     | 116.3       | + 2.7                     | 253.8   | 237.0       | + 16.7            |
| Q3 p      | 155.4                                 | 131.6    | 3.6                      | 160.5       | 44.2                  | 59.8           | 21.3     | 8.6                   | 1.6                      | - 5.1                   | 116.2     | 115.6       | + 0.6                     | 248.2   | 252.8       | - 4.6             |
| Q4 p      | 180.5                                 | 147.6    | 7.9                      | 172.9       | 49.2                  | 66.1           | 9.2      | 12.5                  | 1.9                      | + 7.5                   | 126.9     | 117.8       | + 9.1                     | 283.9   | 267.3       | + 16.6            |
| 2008 Q1 p | 160.2                                 | 130.9    | 3.0                      | 164.7       | 43.7                  | 65.5           | 24.7     | 5.3                   | 2.0                      | - 4.5                   | 114.1     | 119.4       | - 5.3                     | 250.5   | 260.3       | - 9.9             |

Source: Bundesbank calculations based on the data from the Federal Statistical Office. — 1 Including subsidiary budgets but excluding the Post Office pension funds. Unlike the annual figures based on the annual calculations of the Federal Statistical Office, the quarterly figures do not include municipal special purpose associations and various special accounts. — 2 The annual figures do not tally with the sum of the quarterly figures, as the latter are all provisional. The quarterly figures for some insurance sectors

are estimated. — 3 The development of the types of expenditure recorded here is influenced in part by statistical changeovers. — 4 Including discrepancies in clearing transactions between central, state and local government. — 5 On the revenue side, this contains proceeds booked as disposals of equity interests and as loan repayments. On the expenditure side, this contains the acquisition of equity interests and loans granted. — 6 Including Federal Government liquidity assistance to the Federal Labour Office.

4 Central, state and local government: budgetary development (as per government's financial statistics)

€ billion

| Period    | Central government |             |                   | State government 2,3 |             |                   | Local government 3 |             |                   |
|-----------|--------------------|-------------|-------------------|----------------------|-------------|-------------------|--------------------|-------------|-------------------|
|           | Revenue 1          | Expenditure | Deficit / surplus | Revenue              | Expenditure | Deficit / surplus | Revenue            | Expenditure | Deficit / surplus |
| 2001      | 240.6              | 261.3       | - 20.7            | 230.9                | 255.5       | - 24.6            | 144.2              | 148.3       | - 4.1             |
| 2002      | 240.8              | 273.5       | - 32.7            | 228.8                | 258.0       | - 29.2            | 147.0              | 150.4       | - 3.5             |
| 2003      | 239.6              | 278.8       | - 39.2            | 229.2                | 259.7       | - 30.5            | 142.1              | 150.1       | - 8.0             |
| 2004      | 233.9              | 273.6       | - 39.7            | 233.5                | 257.1       | - 23.6            | 147.0              | 150.4       | - 3.4             |
| 2005      | 250.0              | 281.5       | - 31.5            | 237.4                | 259.5       | - 22.1            | 151.2              | 153.7       | - 2.4             |
| 2006 pe   | 254.7              | 282.9       | - 28.2            | 249.1                | 259.5       | - 10.4            | 158.8              | 156.2       | + 2.6             |
| 2007 pe   | 277.4              | 292.1       | - 14.7            | 276.1                | 266.7       | + 9.4             | 169.0              | 161.2       | + 7.8             |
| 2006 Q1   | 52.7               | 74.1        | - 21.4            | 57.3                 | 64.9        | - 7.6             | 33.8               | 36.4        | - 2.6             |
| Q2        | 63.0               | 61.6        | + 1.5             | 60.6                 | 60.1        | + 0.4             | 37.7               | 36.8        | + 0.9             |
| Q3        | 64.6               | 73.7        | - 9.1             | 60.5                 | 62.5        | - 2.1             | 40.3               | 38.1        | + 2.2             |
| Q4 p      | 74.3               | 73.5        | + 0.8             | 70.5                 | 71.2        | - 0.7             | 46.9               | 44.5        | + 2.5             |
| 2007 Q1 p | 61.1               | 74.6        | - 13.6            | 63.5                 | 66.5        | - 3.0             | 35.4               | 37.6        | - 2.1             |
| Q2 p      | 69.7               | 64.4        | + 5.3             | 67.6                 | 61.9        | + 5.7             | 40.4               | 37.3        | + 3.1             |
| Q3 p      | 68.3               | 76.8        | - 8.5             | 66.2                 | 64.1        | + 2.1             | 42.5               | 39.7        | + 2.8             |
| Q4 p      | 78.3               | 76.3        | + 2.0             | 77.9                 | 73.4        | + 4.5             | 50.5               | 46.1        | + 4.4             |
| 2008 Q1 p | 64.1               | 75.6        | - 11.5            | 67.7                 | 67.7        | - 0.1             | 37.3               | 37.4        | - 0.1             |
| Q2 p      | 73.0               | 68.3        | + 4.7             | 70.5                 | 64.2        | + 6.3             | 42.7               | 39.7        | + 3.0             |

Source: Bundesbank calculations based on the data from the Federal Statistical Office. — 1 The Bundesbank's profit is included only up to the maximum amount of €3.5 billion that is to be assigned to the core budget. Revenue over and above this amount accrues directly to the Redemption Fund for Inherited Liabilities. — 2 Including the local authority level of the

city-states Berlin, Bremen and Hamburg. — 3 Unlike the annual figure based on the annual calculations of the Federal Statistical Office, the quarterly figures do not include various special accounts and municipal special purpose associations.

## IX Public finances in Germany

### 5 Central, state and local government: tax revenue

€ million

| Period    | Central and state government and European Union |         |                                 |                  |                             |        | Local government <sup>3</sup> | Balance of untransferred tax shares <sup>4</sup> |        | Memo item<br>Supplementary central government grants, state government's share of energy tax |
|-----------|---|---------|---------------------------------|------------------|-----------------------------|--------|-------------------------------|--|--------|--|
|           | Total   | Total   | Central government <sup>1</sup> | State government | European Union <sup>2</sup> |        |                               |  |        |  |
| 2001      | 446,248   | 392,189 | 213,342                         | 159,115          | 19,732                      | 54,047 | +                             | 12   | 19,576 |  |
| 2002      | 441,703   | 389,162 | 214,371                         | 156,231          | 18,560                      | 52,490 | +                             | 51   | 22,321 |  |
| 2003      | 442,238   | 390,438 | 214,002                         | 155,510          | 20,926                      | 51,673 | +                             | 127  | 22,067 |  |
| 2004      | 442,838   | 386,459 | 208,920                         | 157,898          | 19,640                      | 56,237 | +                             | 142  | 21,967 |  |
| 2005      | 452,078   | 392,313 | 211,779                         | 158,823          | 21,711                      | 59,750 | +                             | 16   | 21,634 |  |
| 2006      | 488,444   | 421,151 | 225,634                         | 173,374          | 22,142                      | 67,316 | -                             | 22   | 21,742 |  |
| 2007      | 538,243   | 465,554 | 251,747                         | 191,558          | 22,249                      | 72,551 | +                             | 138  | 21,643 |  |
| 2006 Q1   | 106,907   | 90,827  | 45,203                          | 38,733           | 6,892                       | 12,391 | +                             | 3,689  | 5,491  |  |
| Q2        | 121,891   | 104,964 | 57,521                          | 43,338           | 4,105                       | 16,120 | +                             | 807  | 5,433  |  |
| Q3        | 121,711   | 104,015 | 55,601                          | 42,798           | 5,616                       | 17,594 | +                             | 103  | 5,448  |  |
| Q4        | 137,935   | 121,345 | 67,310                          | 48,505           | 5,529                       | 21,211 | -                             | 4,620  | 5,370  |  |
| 2007 Q1   | 122,550   | 104,537 | 53,928                          | 43,916           | 6,693                       | 13,313 | +                             | 4,700  | 5,362  |  |
| Q2        | 136,963   | 118,090 | 65,298                          | 49,069           | 3,724                       | 18,217 | +                             | 655  | 5,408  |  |
| Q3        | 131,495   | 113,712 | 61,592                          | 46,875           | 5,246                       | 17,882 | -                             | 99   | 5,524  |  |
| Q4        | 147,236   | 129,215 | 70,929                          | 51,699           | 6,587                       | 23,138 | -                             | 5,117  | 5,348  |  |
| 2008 Q1   | 131,507   | 111,845 | 56,179                          | 47,660           | 8,006                       | 14,148 | +                             | 5,513  | 5,272  |  |
| Q2        | ...   | 122,931 | 66,952                          | 51,585           | 4,394                       | ...    | ...                           | ...  | 5,324  |  |
| 2007 July | .   | 34,938  | 18,886                          | 14,638           | 1,414                       | .      | .                             | .  | 1,841  |  |
| Aug       | .   | 33,388  | 18,076                          | 13,353           | 1,958                       | .      | .                             | .  | 1,841  |  |
| 2008 July | .   | 36,741  | 20,245                          | 15,472           | 1,023                       | .      | .                             | .  | 1,834  |  |
| Aug       | .   | 35,579  | 20,055                          | 14,200           | 1,324                       | .      | .                             | .  | 1,834  |  |

Source: Federal Ministry of Finance, Federal Statistical Office and Bundesbank calculations. — <sup>1</sup> Before deducting supplementary central government grants and shares in energy tax revenue remitted to state government. — <sup>2</sup> Custom duties and shares in VAT and gross national income accruing to the EU from central government tax revenue. — <sup>3</sup> Including local govern-

ment taxes in the city-states Berlin, Bremen and Hamburg. — <sup>4</sup> Difference between local government's share in the joint taxes received by the state government cash offices in the period in question (see Table IX. 6) and the amounts passed on to local government in the same period.

### 6 Central and state government and European Union: tax revenue, by type

€ million

| Period    | Total 1 | Joint taxes               |                       |                     |                 |                                      |         |                             |                         | Local business tax transfers <sup>6</sup> | Central government taxes <sup>7</sup> | State government taxes <sup>7</sup> | EU customs duties | Memo item<br>Local government share in joint taxes |
|-----------|---------|---------------------------|-----------------------|---------------------|-----------------|--------------------------------------|---------|-----------------------------|-------------------------|---|---------------------------------------|-------------------------------------|-------------------|--|
|           |         | Income taxes <sup>2</sup> |                       |                     |                 |                                      |         | Turnover taxes <sup>5</sup> |                         |   |                                       |                                     |                   |  |
|           |         | Total                     | Wage tax <sup>3</sup> | Assessed income tax | Corporation tax | Investment income taxes <sup>4</sup> | Total   | Turnover tax                | Turnover tax on imports |   |                                       |                                     |                   |  |
| 2001      | 417,358 | 170,817                   | 132,626               | 8,771               | - 426           | 29,845                               | 138,935 | 104,463                     | 34,472                  | 5,510                                     | 79,277                                | 19,628                              | 3,191             | 25,169   |
| 2002      | 414,008 | 165,096                   | 132,190               | 7,541               | 2,864           | 22,502                               | 138,195 | 105,463                     | 32,732                  | 5,752                                     | 83,494                                | 18,576                              | 2,896             | 24,846   |
| 2003      | 414,846 | 162,567                   | 133,090               | 4,568               | 8,275           | 16,633                               | 136,996 | 103,162                     | 33,834                  | 7,085                                     | 86,609                                | 18,713                              | 2,877             | 24,409   |
| 2004      | 409,517 | 159,104                   | 123,896               | 5,394               | 13,123          | 16,691                               | 137,366 | 104,715                     | 32,651                  | 5,661                                     | 84,554                                | 19,774                              | 3,059             | 23,058   |
| 2005      | 415,355 | 161,960                   | 118,919               | 9,766               | 16,333          | 16,943                               | 139,713 | 108,440                     | 31,273                  | 6,218                                     | 83,508                                | 20,579                              | 3,378             | 23,042   |
| 2006      | 446,139 | 182,614                   | 122,612               | 17,567              | 22,898          | 19,537                               | 146,688 | 111,318                     | 35,370                  | 7,013                                     | 84,215                                | 21,729                              | 3,880             | 24,988   |
| 2007      | 493,817 | 204,698                   | 131,774               | 25,027              | 22,929          | 24,969                               | 169,636 | 127,522                     | 42,114                  | 6,975                                     | 85,690                                | 22,836                              | 3,983             | 28,263   |
| 2006 Q1   | 95,851  | 36,593                    | 28,095                | - 2,104             | 5,184           | 5,418                                | 35,873  | 27,508                      | 8,364                   | 313                                       | 15,897                                | 6,258                               | 916               | 5,024  |
| Q2        | 111,206 | 47,844                    | 29,772                | 5,856               | 5,173           | 7,042                                | 35,236  | 26,345                      | 8,891                   | 1,611                                     | 20,438                                | 5,130                               | 948               | 6,242  |
| Q3        | 110,282 | 44,951                    | 29,229                | 6,266               | 6,079           | 3,376                                | 37,051  | 28,063                      | 8,988                   | 1,686                                     | 20,448                                | 5,158                               | 989               | 6,267  |
| Q4        | 128,800 | 53,227                    | 35,516                | 7,549               | 6,461           | 3,701                                | 38,529  | 29,402                      | 9,127                   | 3,403                                     | 27,432                                | 5,183                               | 1,026             | 7,455  |
| 2007 Q1   | 110,577 | 43,694                    | 30,464                | 829                 | 5,434           | 6,966                                | 42,037  | 32,624                      | 9,413                   | 153                                       | 17,377                                | 6,354                               | 962               | 6,040  |
| Q2        | 125,236 | 55,351                    | 32,244                | 8,191               | 6,224           | 8,693                                | 41,001  | 30,642                      | 10,359                  | 1,705                                     | 20,694                                | 5,493                               | 992               | 7,145  |
| Q3        | 120,644 | 48,742                    | 31,416                | 7,299               | 5,571           | 4,456                                | 42,612  | 31,724                      | 10,888                  | 1,850                                     | 20,750                                | 5,671                               | 1,019             | 6,932  |
| Q4        | 137,361 | 56,912                    | 37,649                | 8,709               | 5,700           | 4,854                                | 43,986  | 32,532                      | 11,454                  | 3,267                                     | 26,868                                | 5,318                               | 1,010             | 8,146  |
| 2008 Q1   | 118,847 | 49,649                    | 32,793                | 3,668               | 4,727           | 8,462                                | 44,294  | 33,488                      | 10,806                  | 297                                       | 17,515                                | 6,114                               | 980               | 7,002  |
| Q2        | 130,829 | 60,000                    | 34,700                | 10,398              | 4,822           | 10,081                               | 41,890  | 30,645                      | 11,244                  | 1,636                                     | 20,700                                | 5,677                               | 927               | 7,898  |
| 2007 July | 36,965  | 12,958                    | 11,506                | - 489               | - 46            | 1,987                                | 14,005  | 10,489                      | 3,516                   | 1,269                                     | 6,431                                 | 1,961                               | 342               | 2,027  |
| Aug       | 35,264  | 10,995                    | 10,238                | - 337               | - 286           | 1,380                                | 14,319  | 10,587                      | 3,732                   | 579                                       | 6,952                                 | 2,037                               | 381               | 1,877  |
| 2008 July | 39,050  | 14,795                    | 12,557                | 109                 | - 223           | 2,353                                | 14,261  | 10,513                      | 3,748                   | 1,227                                     | 6,540                                 | 1,911                               | 316               | 2,309  |
| Aug       | 37,646  | 12,171                    | 10,999                | - 129               | - 415           | 1,717                                | 15,811  | 11,634                      | 4,177                   | 461                                       | 7,043                                 | 1,802                               | 359               | 2,068  |

Source: Federal Ministry of Finance and Bundesbank calculations. — <sup>1</sup> This total, unlike that in Table IX. 5, does not include the receipts from the equalisation of burdens levies, local business tax (less local business tax transfers to central and state government), real property taxes and other local government taxes, or the balance of untransferred tax shares. — <sup>2</sup> Respective percentage share of central, state and local government in revenue: wage tax and assessed income tax 42.5:42.5:15, corporation tax and non-assessed taxes on earnings 50:50: -, withholding tax on interest income 44:44:12. — <sup>3</sup> After deducting child benefit and subsidies for supplementary private pen-

sion plans. — <sup>4</sup> Non-assessed taxes on earnings and withholding tax on interest income. — <sup>5</sup> The allocation of revenue to central, state and local government, which is adjusted at more regular intervals, is regulated in section 1 of the Revenue Adjustment Act. Respective percentage share of central, state and local government in revenue for 2007: 53.1:44.9:2 (central government plus €2.7 billion, state government minus this amount). The EU share is deducted from central government's share. — <sup>6</sup> Respective percentage share of central and state government for 2007: 23.2:76.8. — <sup>7</sup> For the breakdown, see Table IX. 7.

## IX Public finances in Germany

## 7 Central, state and local government: individual taxes

€ million

| Period    | Central government taxes 1 |             |                      |               |                 |             | State government taxes 1 |                   |  |                 | Local government taxes |        |                    |                     |
|-----------|----------------------------|-------------|----------------------|---------------|-----------------|-------------|--------------------------|-------------------|--|-----------------|------------------------|--------|--------------------|---------------------|
|           | Energy tax                 | Tobacco tax | Solidarity surcharge | Insurance tax | Electricity tax | Spirits tax | Other                    | Motor vehicle tax | Tax on the acquisition of land and buildings | Inheritance tax | Other 2                | Total  | of which           |                     |
|           |                            |             |                      |               |                 |             |                          |                   |  |                 |                        |        | Local business tax | Real property taxes |
| 2001      | 40,690                     | 12,072      | 11,069               | 7,427         | 4,322           | 2,143       | 1,554                    | 8,376             | 4,853  | 3,069           | 3,330                  | 34,399 | 24,534             | 9,076               |
| 2002      | 42,192                     | 13,778      | 10,403               | 8,327         | 5,097           | 2,149       | 1,548                    | 7,592             | 4,763  | 3,021           | 3,200                  | 33,447 | 23,489             | 9,261               |
| 2003      | 43,188                     | 14,094      | 10,280               | 8,870         | 6,531           | 2,204       | 1,442                    | 7,336             | 4,800  | 3,373           | 3,205                  | 34,477 | 24,139             | 9,658               |
| 2004      | 41,782                     | 13,630      | 10,108               | 8,751         | 6,597           | 2,195       | 1,492                    | 7,740             | 4,646  | 4,284           | 3,105                  | 38,982 | 28,373             | 9,939               |
| 2005      | 40,101                     | 14,273      | 10,315               | 8,750         | 6,462           | 2,142       | 1,465                    | 8,674             | 4,791  | 4,097           | 3,018                  | 42,941 | 32,129             | 10,247              |
| 2006      | 39,916                     | 14,387      | 11,277               | 8,775         | 6,273           | 2,160       | 1,428                    | 8,937             | 6,125  | 3,763           | 2,904                  | 49,319 | 38,370             | 10,399              |
| 2007      | 38,955                     | 14,254      | 12,349               | 10,331        | 6,355           | 1,959       | 1,488                    | 8,898             | 6,952  | 4,203           | 2,783                  | 51,401 | 40,116             | 10,713              |
| 2006 Q1   | 4,480                      | 2,786       | 2,628                | 3,792         | 1,492           | 399         | 320                      | 2,718             | 1,681  | 1,049           | 811                    | 11,370 | 8,874              | 2,321               |
| Q2        | 9,727                      | 3,604       | 2,879                | 1,662         | 1,720           | 505         | 341                      | 2,258             | 1,350  | 881             | 641                    | 12,296 | 9,365              | 2,801               |
| Q3        | 10,045                     | 3,700       | 2,665                | 1,705         | 1,468           | 536         | 329                      | 2,020             | 1,501  | 904             | 733                    | 13,115 | 9,948              | 3,026               |
| Q4        | 15,665                     | 4,296       | 3,105                | 1,615         | 1,593           | 720         | 438                      | 1,942             | 1,593  | 928             | 719                    | 12,538 | 10,182             | 2,250               |
| 2007 Q1   | 4,540                      | 2,916       | 2,949                | 4,504         | 1,647           | 416         | 406                      | 2,636             | 1,828  | 1,150           | 740                    | 12,126 | 9,541              | 2,408               |
| Q2        | 9,230                      | 3,462       | 3,249                | 1,912         | 1,997           | 493         | 352                      | 2,206             | 1,606  | 1,006           | 675                    | 13,432 | 10,457             | 2,841               |
| Q3        | 9,904                      | 3,774       | 2,875                | 2,049         | 1,319           | 509         | 322                      | 2,098             | 1,860  | 1,043           | 670                    | 12,701 | 9,404              | 3,147               |
| Q4        | 15,281                     | 4,103       | 3,277                | 1,866         | 1,392           | 541         | 408                      | 1,958             | 1,659  | 1,004           | 698                    | 13,142 | 10,714             | 2,317               |
| 2008 Q1   | 4,668                      | 2,547       | 3,192                | 4,540         | 1,547           | 626         | 394                      | 2,590             | 1,676  | 1,087           | 761                    | 12,956 | 10,330             | 2,444               |
| Q2        | 9,570                      | 3,267       | 3,502                | 1,950         | 1,594           | 479         | 338                      | 2,290             | 1,461  | 1,301           | 625                    | ...    | ...                | ...                 |
| 2007 July | 3,247                      | 1,272       | 788                  | 526           | 317             | 175         | 106                      | 836               | 577  | 321             | 228                    | .      | .                  | .                   |
| Aug       | 3,234                      | 1,291       | 680                  | 1,030         | 453             | 158         | 106                      | 723               | 654  | 433             | 227                    | .      | .                  | .                   |
| 2008 July | 3,179                      | 1,209       | 860                  | 554           | 461             | 163         | 114                      | 791               | 503  | 399             | 218                    | .      | .                  | .                   |
| Aug       | 3,184                      | 1,292       | 756                  | 1,029         | 516             | 153         | 112                      | 610               | 452  | 534             | 206                    | .      | .                  | .                   |

Source: Federal Ministry of Finance, Federal Statistical Office and Bundesbank calculations. — 1 For the sum total, see Table IX. 6. — 2 Notably betting, lottery and beer tax.

## 8 German pension insurance scheme: budgetary development and assets \*

€ million

| Period  | Revenue 1 |                 |                                  | Expenditure 1 |                  |                                |         | Deficit / surplus | Assets 4   |            |   |             | Memo item Administrative assets |
|---------|-----------|-----------------|----------------------------------|---------------|------------------|--------------------------------|---------|-------------------|------------|------------|---|-------------|---------------------------------|
|         | Total     | of which        |                                  | Total         | of which         |                                | Total   |                   | Deposits 5 | Securities | Equity interests, mortgages and other loans 6 | Real estate |                                 |
|         |           | Contributions 2 | Payments from central government |               | Pension payments | Pensioners' health insurance 3 |         |                   |            |            |   |             |                                 |
| 2001 7  | 216,927   | 152,048         | 63,093                           | 217,497       | 184,730          | 13,762                         | - 570   | 13,973            | 10,646     | 1,517      | 1,699   | 111         | 4,917                           |
| 2002    | 221,563   | 152,810         | 66,958                           | 225,689       | 191,133          | 14,498                         | - 4,126 | 9,826             | 6,943      | 1,072      | 1,685   | 126         | 4,878                           |
| 2003    | 229,371   | 156,510         | 71,447                           | 231,362       | 196,038          | 15,178                         | - 1,991 | 7,641             | 5,017      | 816        | 1,682   | 126         | 4,862                           |
| 2004 8  | 231,684   | 156,535         | 71,680                           | 233,011       | 198,587          | 14,258                         | - 1,327 | 5,158             | 4,980      | 19         | 41  | 118         | 4,834                           |
| 2005    | 229,428   | 156,264         | 71,917                           | 233,357       | 199,873          | 13,437                         | - 3,929 | 1,976             | 1,794      | 16         | 42  | 123         | 4,888                           |
| 2006    | 241,231   | 168,083         | 71,773                           | 233,668       | 200,459          | 13,053                         | + 7,563 | 10,047            | 9,777      | 115        | 46  | 109         | 4,912                           |
| 2007    | 236,642   | 162,225         | 72,928                           | 235,459       | 201,642          | 13,665                         | + 1,183 | 12,196            | 11,270     | 765        | 46  | 115         | 4,819                           |
| 2006 Q1 | 60,801    | 42,622          | 17,908                           | 57,965        | 50,110           | 3,247                          | + 2,836 | 4,452             | 4,293      | 16         | 43  | 101         | 4,924                           |
| Q2      | 60,537    | 42,351          | 17,877                           | 58,328        | 50,143           | 3,257                          | + 2,209 | 7,406             | 7,241      | 16         | 45  | 105         | 4,956                           |
| Q3      | 57,950    | 39,741          | 17,839                           | 58,521        | 50,297           | 3,266                          | - 571   | 6,845             | 6,681      | 16         | 45  | 104         | 4,959                           |
| Q4      | 61,369    | 43,351          | 17,755                           | 58,459        | 50,140           | 3,274                          | + 2,910 | 10,047            | 9,777      | 115        | 46  | 109         | 4,912                           |
| 2007 Q1 | 56,177    | 37,771          | 18,118                           | 58,275        | 50,369           | 3,279                          | - 2,098 | 7,955             | 7,585      | 215        | 46  | 108         | 4,889                           |
| Q2      | 59,068    | 40,501          | 18,180                           | 58,595        | 50,282           | 3,432                          | + 473   | 8,890             | 8,573      | 165        | 48  | 103         | 4,881                           |
| Q3      | 57,996    | 39,494          | 18,115                           | 59,054        | 50,633           | 3,470                          | - 1,058 | 8,025             | 7,598      | 265        | 45  | 117         | 4,868                           |
| Q4      | 62,926    | 44,452          | 18,136                           | 59,159        | 50,638           | 3,475                          | + 3,767 | 12,196            | 11,270     | 765        | 46  | 115         | 4,819                           |
| 2008 Q1 | 57,611    | 39,028          | 18,241                           | 58,952        | 50,795           | 3,473                          | - 1,341 | 10,730            | 9,459      | 1,095      | 46  | 130         | 4,792                           |
| Q2      | 60,574    | 41,958          | 18,241                           | 59,346        | 50,714           | 3,482                          | + 1,228 | 11,923            | 10,267     | 1,466      | 61  | 128         | 4,704                           |

Source: Federal Ministry of Labour and Social Affairs and German pension insurance scheme. — \* Excluding the German pension insurance scheme for the mining, railway and maritime industries. — 1 The annual figures do not tally with the sum of the quarterly figures, as the latter are all provisional. Including financial compensation payments. Excluding investment spending and proceeds. — 2 Including contributions for recipients of government

cash benefits. — 3 Including long-term care insurance for pensioners until 2004 Q1. — 4 Largely corresponds to the sustainability reserves. End of year or quarter. — 5 Including cash. — 6 Excluding loans to other social security funds. — 7 Excluding income booked in connection with the revaluation of equity interests. — 8 Revenue includes proceeds from the disposal of equity interests.

## IX Public finances in Germany

### 9 Federal Employment Agency: budgetary development

€ million

| Period  | Revenue |               |          | Expenditure |                          |                 |                 |                   |                 |                 |                               | Deficit / surplus | Grant or working capital loans from central government |
|---------|---------|---------------|----------|-------------|--------------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------------------|-------------------|--|
|         | Total 1 | of which      |          | Total 3     | Unemployment support 4,5 | of which        |                 | Job promotion 5,6 | of which        |                 | Measures financed by levies 7 |                   |  |
|         |         | Contributions | Levies 2 |             |                          | Western Germany | Eastern Germany |                   | Western Germany | Eastern Germany |                               |                   |  |
|         |         |               |          |             |                          |                 |                 |                   |                 |                 |                               |                   |  |
| 2001    | 50,682  | 47,337        | 1,640    | 52,613      | 25,036                   | 16,743          | 8,294           | 20,713            | 11,094          | 9,619           | 1,660                         | - 1,931           | 1,931  |
| 2002    | 50,885  | 47,405        | 2,088    | 56,508      | 27,610                   | 19,751          | 7,860           | 21,011            | 11,568          | 9,443           | 2,215                         | - 5,623           | 5,623  |
| 2003    | 50,635  | 47,337        | 2,081    | 56,850      | 29,735                   | 21,528          | 8,207           | 19,155            | 10,564          | 8,591           | 1,948                         | - 6,215           | 6,215  |
| 2004    | 50,314  | 47,211        | 1,674    | 54,490      | 29,746                   | 21,821          | 7,925           | 16,843            | 9,831           | 7,011           | 1,641                         | - 4,176           | 4,175  |
| 2005    | 52,692  | 46,989        | 1,436    | 53,089      | 27,654                   | 20,332          | 7,322           | 11,590            | 7,421           | 4,169           | 1,450                         | - 397             | 397  |
| 2006    | 55,384  | 51,176        | 1,123    | 44,162      | 23,249                   | 17,348          | 5,901           | 9,259             | 6,185           | 3,074           | 1,089                         | + 11,221          | 0  |
| 2007    | 42,838  | 32,264        | 971      | 36,196      | 17,356                   | 13,075          | 4,282           | 8,370             | 5,747           | 2,623           | 949                           | + 6,643           | -  |
| 2006 Q1 | 14,041  | 13,057        | 42       | 12,320      | 7,155                    | 5,260           | 1,894           | 2,306             | 1,526           | 780             | 388                           | + 1,721           | 538  |
| Q2      | 13,827  | 12,848        | 275      | 11,742      | 6,362                    | 4,691           | 1,670           | 2,266             | 1,505           | 761             | 300                           | + 2,084           | - 538  |
| Q3      | 12,860  | 11,950        | 302      | 10,142      | 5,117                    | 3,879           | 1,239           | 2,232             | 1,486           | 746             | 183                           | + 2,718           | -  |
| Q4      | 14,656  | 13,321        | 504      | 9,958       | 4,616                    | 3,518           | 1,098           | 2,455             | 1,669           | 787             | 218                           | + 4,698           | -  |
| 2007 Q1 | 9,932   | 7,738         | 78       | 10,044      | 5,321                    | 3,971           | 1,350           | 2,032             | 1,370           | 662             | 408                           | - 113             | -  |
| Q2      | 10,837  | 7,910         | 303      | 9,383       | 4,598                    | 3,440           | 1,157           | 2,089             | 1,423           | 666             | 259                           | + 1,454           | -  |
| Q3      | 10,366  | 7,765         | 232      | 8,357       | 3,910                    | 2,979           | 931             | 1,985             | 1,363           | 622             | 160                           | + 2,010           | -  |
| Q4      | 11,703  | 8,851         | 357      | 8,412       | 3,528                    | 2,684           | 843             | 2,264             | 1,591           | 674             | 122                           | + 3,292           | -  |
| 2008 Q1 | 8,714   | 5,955         | 83       | 11,295      | 4,299                    | 3,183           | 1,116           | 2,088             | 1,473           | 615             | 327                           | - 2,581           | -  |
| Q2      | 9,690   | 6,931         | 211      | 10,367      | 3,739                    | 2,761           | 978             | 2,182             | 1,556           | 626             | 255                           | - 677             | -  |

Source: Federal Employment Agency. — 1 Excluding central government liquidity assistance. — 2 Levies to promote winter construction and to pay insolvency compensation to employees. — 3 From 2005, including a compensatory amount to central government. — 4 Unemployment benefit and short-time working benefit. — 5 Including contributions to the statutory

health, pension and long-term care insurance schemes. 6 Vocational training, measures to encourage job take-up, rehabilitation, job creation measures, subsidies granted to Personnel Service Agencies, compensation top-up payments and business start-up grants. — 7 Promotion of winter construction and insolvency compensation for employees.

### 10 Statutory health insurance scheme: budgetary development

€ million

| Period  | Revenue 1 |                 |               | Expenditure 1 |                    |                                |                 |                                |                   |                               | Deficit / surplus 5 |                              |
|---------|-----------|-----------------|---------------|---------------|--------------------|--------------------------------|-----------------|--------------------------------|-------------------|-------------------------------|---------------------|------------------------------|
|         | Total     | of which        |               | Total         | Hospital treatment | Medical and dental treatment 3 | Pharmaceuticals | Therapeutic treatment and aids | Sickness benefits | Other expenditure on benefits |                     | Administrative expenditure 4 |
|         |           | Contributions 2 | Federal grant |               |                    |                                |                 |                                |                   |                               |                     |                              |
| 2001    | 135,790   | 131,886         | .             | 138,811       | 44,980             | 33,495                         | 22,331          | 9,760                          | 7,717             | 2,779                         | 7,642               | - 3,021                      |
| 2002    | 139,707   | 136,208         | .             | 143,026       | 46,308             | 34,899                         | 23,449          | 9,304                          | 7,561             | 2,998                         | 8,019               | - 3,320                      |
| 2003    | 141,654   | 138,383         | .             | 145,095       | 46,800             | 36,120                         | 24,218          | 9,409                          | 6,973             | 2,984                         | 8,206               | - 3,441                      |
| 2004    | 144,279   | 140,120         | 1,000         | 140,178       | 47,594             | 34,218                         | 21,811          | 8,281                          | 6,367             | 3,731                         | 8,114               | + 4,102                      |
| 2005    | 145,742   | 140,250         | 2,500         | 143,809       | 48,959             | 33,024                         | 25,358          | 8,284                          | 5,868             | 3,847                         | 8,155               | + 1,933                      |
| 2006    | 149,929   | 142,184         | 4,200         | 147,973       | 50,327             | 34,260                         | 25,835          | 8,303                          | 5,708             | 4,526                         | 8,110               | + 1,956                      |
| 2007 P  | 155,678   | 149,966         | 2,500         | 153,616       | 51,102             | 35,545                         | 27,759          | 8,655                          | 6,012             | 2,274                         | 8,132               | + 2,062                      |
| 2006 Q1 | 34,744    | 34,034          | -             | 35,968        | 12,834             | 8,483                          | 6,384           | 1,881                          | 1,477             | 283                           | 1,836               | - 1,224                      |
| Q2      | 38,004    | 35,279          | 2,100         | 36,830        | 12,658             | 8,588                          | 6,450           | 2,071                          | 1,439             | 574                           | 1,910               | + 1,174                      |
| Q3      | 36,001    | 35,156          | -             | 36,226        | 12,551             | 8,254                          | 6,301           | 2,048                          | 1,363             | 515                           | 1,931               | - 225                        |
| Q4      | 40,770    | 37,745          | 2,100         | 38,538        | 12,332             | 8,888                          | 6,739           | 2,290                          | 1,412             | 881                           | 2,384               | + 2,232                      |
| 2007 Q1 | 36,437    | 35,693          | -             | 37,147        | 12,948             | 8,793                          | 6,687           | 1,918                          | 1,525             | 347                           | 1,879               | - 710                        |
| Q2      | 39,316    | 37,306          | 1,250         | 38,299        | 12,893             | 8,860                          | 6,862           | 2,160                          | 1,510             | 599                           | 1,930               | + 1,017                      |
| Q3      | 37,939    | 37,138          | -             | 38,068        | 12,750             | 8,614                          | 6,897           | 2,199                          | 1,451             | 510                           | 1,987               | - 129                        |
| Q4      | 41,987    | 39,829          | 1,250         | 40,103        | 12,512             | 9,278                          | 7,313           | 2,378                          | 1,527             | 818                           | 2,337               | + 1,883                      |
| 2008 Q1 | 37,937    | 37,136          | -             | 39,010        | 13,410             | 9,119                          | 7,084           | 2,011                          | 1,643             | 322                           | 1,898               | - 1,073                      |
| Q2      | 40,361    | 38,491          | 1,250         | 40,232        | 13,387             | 9,162                          | 7,339           | 2,292                          | 1,644             | 715                           | 2,021               | + 129                        |

Source: Federal Ministry of Health. — 1 The annual figures do not tally with the sum of the quarterly figures, as the latter are all provisional. — 2 Including contributions from subsidised low-paid part-time employment. — 3 Including dentures. — 4 Net, ie after deducting reimbursements for ex-

penses for levying contributions incurred by other social insurance funds. — 5 Excluding revenue and expenditure as part of the risk structure compensation scheme.

IX Public finances in Germany

11 Statutory long-term care insurance scheme: budgetary development

€ million

| Period  | Revenue 1 |                          | Expenditure 1 |                        |                 |                 |   |                            | Deficit / surplus |     |
|---------|-----------|--------------------------|---------------|------------------------|-----------------|-----------------|---|----------------------------|-------------------|-----|
|         | Total     | of which Contributions 2 | Total         | of which               |                 |                 |   |                            |                   |     |
|         |           |                          |               | Non-cash care benefits | In-patient care | Nursing benefit | Contributions to pension insurance scheme 3 | Administrative expenditure |                   |     |
| 2001    | 16,843    | 16,581                   | 16,890        | 2,301                  | 7,744           | 4,134           | 979   | 816                        | -                 | 47  |
| 2002    | 16,917    | 16,714                   | 17,346        | 2,363                  | 8,014           | 4,151           | 962   | 837                        | -                 | 428 |
| 2003    | 16,844    | 16,665                   | 17,468        | 2,361                  | 8,183           | 4,090           | 951   | 853                        | -                 | 624 |
| 2004    | 16,817    | 16,654                   | 17,605        | 2,365                  | 8,349           | 4,049           | 925   | 851                        | -                 | 788 |
| 2005    | 17,526    | 17,385                   | 17,891        | 2,409                  | 8,516           | 4,050           | 890   | 875                        | -                 | 366 |
| 2006    | 17,749    | 17,611                   | 18,064        | 2,437                  | 8,671           | 4,017           | 862   | 886                        | -                 | 315 |
| 2007 P  | 18,023    | 17,862                   | 18,344        | 2,469                  | 8,827           | 4,034           | 859   | 892                        | -                 | 321 |
| 2006 Q1 | 4,660     | 4,631                    | 4,511         | 611                    | 2,152           | 998             | 213   | 246                        | +                 | 150 |
| Q2      | 4,655     | 4,629                    | 4,447         | 582                    | 2,158           | 994             | 214   | 222                        | +                 | 208 |
| Q3      | 4,471     | 4,441                    | 4,551         | 617                    | 2,171           | 1,014           | 213   | 222                        | -                 | 80  |
| Q4      | 4,699     | 4,657                    | 4,526         | 611                    | 2,191           | 1,009           | 218   | 200                        | +                 | 173 |
| 2007 Q1 | 4,301     | 4,265                    | 4,591         | 624                    | 2,191           | 1,014           | 212   | 238                        | -                 | 290 |
| Q2      | 4,469     | 4,432                    | 4,528         | 595                    | 2,192           | 993             | 213   | 231                        | -                 | 59  |
| Q3      | 4,440     | 4,403                    | 4,617         | 623                    | 2,226           | 1,012           | 216   | 213                        | -                 | 177 |
| Q4      | 4,813     | 4,761                    | 4,608         | 626                    | 2,218           | 1,015           | 217   | 209                        | +                 | 204 |
| 2008 Q1 | 4,421     | 4,381                    | 4,681         | 641                    | 2,229           | 1,022           | 210   | 255                        | -                 | 261 |
| Q2      | 4,597     | 4,563                    | 4,703         | 634                    | 2,251           | 1,025           | 221   | 230                        | -                 | 106 |

Source: Federal Ministry of Health. — 1 The annual figures do not tally with the sum of the quarterly figures, as the latter are all provisional. — 2 Since

2005 including special contributions for childless persons (0.25% of income subject to insurance contributions). — 3 For non-professional carers.

12 Central government: borrowing in the market

€ million

| Period  | Total new borrowing |          | of which Change in money market loans | of which Change in money market deposits | End of year or quarter |
|---------|---------------------|----------|---------------------------------------|--|------------------------|
|         | Gross 1             | Net      |                                       |  |                        |
|         |                     |          |                                       |  |                        |
| 2002    | + 178,203           | + 24,327 | + 2,221                               | + 22                                     | 2002                   |
| 2003    | + 227,483           | + 42,270 | + 1,236                               | + 7,218                                  | 2003                   |
| 2004    | + 227,441           | + 44,410 | + 1,844                               | + 802                                    | 2004                   |
| 2005    | + 224,922           | + 35,479 | + 4,511                               | + 6,041                                  | 2005                   |
| 2006    | + 221,873           | + 32,656 | + 3,258                               | + 6,308                                  | 2006                   |
| 2007    | + 214,995           | + 6,996  | + 1,086                               | - 4,900                                  | 2007                   |
| 2006 Q1 | + 75,788            | + 12,526 | + 8,174                               | - 7,296                                  | 2006 Q1                |
| Q2      | + 56,445            | + 14,238 | + 8,228                               | + 14,649                                 | Q2                     |
| Q3      | + 66,689            | + 16,579 | + 4,181                               | + 8,913                                  | Q3                     |
| Q4      | + 22,952            | - 10,686 | - 17,326                              | - 9,958                                  | Q4                     |
| 2007 Q1 | + 68,285            | + 4,600  | + 12,649                              | - 11,200                                 | 2007 Q1                |
| Q2      | + 54,415            | + 22,020 | + 5,792                               | + 27,209                                 | Q2                     |
| Q3      | + 51,413            | - 20,291 | - 4,783                               | - 27,450                                 | Q3                     |
| Q4      | + 40,882            | + 667    | - 12,571                              | + 6,541                                  | Q4                     |
| 2008 Q1 | + 69,510            | + 10,443 | + 12,306                              | - 705                                    | 2008 Q1 P              |
| Q2      | + 52,618            | + 7,478  | + 4,872                               | + 10,289                                 | Q2 P                   |

Source: Federal Republic of Germany – Finance Agency. — 1 After deducting repurchases.

13 Central, state and local government: debt by creditor \*

€ million

| End of year or quarter | Total     | Banking system |                     | Domestic non-banks    |         | Foreign creditors pe |
|------------------------|-----------|----------------|---------------------|-----------------------|---------|----------------------|
|                        |           | Bundesbank     | Credit institutions | Social security funds | Other 1 |                      |
|                        |           |                |                     |                       |         |                      |
| 2002                   | 1,277,667 | 4,440          | 536,900             | 137                   | 238,390 | 497,800              |
| 2003                   | 1,358,137 | 4,440          | 530,700             | 341                   | 301,956 | 520,700              |
| 2004                   | 1,430,582 | 4,440          | 544,200             | 430                   | 306,912 | 574,600              |
| 2005                   | 1,489,029 | 4,440          | 518,500             | 488                   | 312,401 | 653,200              |
| 2006                   | 1,533,697 | 4,440          | 496,900             | 480                   | 329,577 | 702,300              |
| 2007                   | 1,540,381 | 4,440          | 457,000             | 476                   | 313,065 | 765,400              |
| 2006 Q1                | 1,508,932 | 4,440          | 522,400             | 486                   | 308,906 | 672,700              |
| Q2                     | 1,525,012 | 4,440          | 528,500             | 485                   | 320,887 | 670,700              |
| Q3                     | 1,540,523 | 4,440          | 519,300             | 485                   | 331,598 | 684,700              |
| Q4                     | 1,533,697 | 4,440          | 496,900             | 480                   | 329,577 | 702,300              |
| 2007 Q1                | 1,538,621 | 4,440          | 513,900             | 480                   | 321,201 | 698,600              |
| Q2                     | 1,556,684 | 4,440          | 504,600             | 480                   | 320,564 | 726,600              |
| Q3                     | 1,535,253 | 4,440          | 489,000             | 480                   | 308,433 | 732,900              |
| Q4                     | 1,540,381 | 4,440          | 457,000             | 476                   | 313,065 | 765,400              |
| 2008 Q1 P              | 1,541,759 | 4,440          | 467,300             | 475                   | 306,744 | 762,800              |
| Q2 P                   | 1,554,151 | 4,440          | 462,200             | 506                   | 291,806 | 795,200              |

Source: Bundesbank calculations based on data from the Federal Statistical Office. — \* Excluding direct intergovernmental borrowing. — 1 Calculated as a residual.

IX Public finances in Germany

14 Central, state and local government: debt by category \*

€ million

| End of year<br>or quarter                  | Total     | Treasury<br>discount<br>paper<br>(Bubills) 1 | Treasury<br>notes 2,3 | Five-year<br>Federal<br>notes<br>(Boblis) 2 | Federal<br>savings<br>notes | Federal<br>bonds<br>(Bunds) 2 | Direct<br>lending<br>by credit<br>institu-<br>tions 4 | Loans from non-banks        |         | Old debt   |                               |         |
|--|-----------|--|-----------------------|---|-----------------------------|-------------------------------|---|-----------------------------|---------|--|-------------------------------|---------|
|  |           |  |                       |   |                             |                               |   | Social<br>security<br>funds | Other 4 | arising from<br>German<br>reunifica-<br>tion 5,6 | Equal-<br>isation<br>claims 6 | Other 7 |
| <b>Central, state and local government</b> |           |  |                       |   |                             |                               |   |                             |         |  |                               |         |
| 2002                                       | 1,277,667 | 30,815                                       | 203,951               | 137,669                                     | 17,898                      | 456,300                       | 404,046   | 137                         | 18,844  | 66   | 7,845                         | 97      |
| 2003                                       | 1,358,137 | 36,022                                       | 246,414               | 153,611                                     | 12,810                      | 471,115                       | 396,832   | 341                         | 34,163  | 33   | 6,711                         | 86      |
| 2004                                       | 1,430,582 | 35,722                                       | 279,796               | 168,958                                     | 10,817                      | 495,547                       | 379,984   | 430                         | 53,672  | 2  | 5,572                         | 82      |
| 2005                                       | 1,489,029 | 36,945                                       | 310,044               | 174,423                                     | 11,055                      | 521,801                       | 366,978   | 488                         | 62,765  | 2  | 4,443                         | 86      |
| 2006                                       | 1,533,697 | 37,834                                       | 320,288               | 179,940                                     | 10,199                      | 552,028                       | 356,514   | 480                         | 71,889  | 2  | 4,443                         | 81      |
| 2007 Q1                                    | 1,538,621 | 38,627                                       | 323,595               | 166,620                                     | 10,276                      | 560,413                       | 367,059   | 480                         | 67,027  | 2  | 4,443                         | 80      |
| Q2   | 1,556,684 | 38,577                                       | 326,230               | 175,567                                     | 10,114                      | 567,582                       | 362,911   | 480                         | 70,700  | 2  | 4,443                         | 79      |
| Q3   | 1,535,253 | 39,550                                       | 324,981               | 162,292                                     | 10,344                      | 569,273                       | 354,554   | 480                         | 69,258  | 2  | 4,443                         | 77      |
| Q4   | 1,540,381 | 39,510                                       | 329,108               | 177,394                                     | 10,287                      | 574,512                       | 329,588   | 476                         | 74,988  | 2  | 4,443                         | 75      |
| 2008 Q1 P                                  | 1,541,759 | 39,467                                       | 325,481               | 173,295                                     | 9,885                       | 579,072                       | 336,845   | 475                         | 72,726  | 2  | 4,443                         | 70      |
| Q2 P                                       | 1,554,151 | 39,655                                       | 328,980               | 168,938                                     | 9,816                       | 586,050                       | 343,931   | 506                         | 71,761  | 2  | 4,443                         | 70      |
| <b>Central government</b> 8,9,10           |           |  |                       |   |                             |                               |   |                             |         |  |                               |         |
| 2002                                       | 725,443   | 30,227                                       | 78,584                | 127,484                                     | 17,898                      | 422,558                       | 39,517  | 0                           | 1,167   | 66   | 7,845                         | 97      |
| 2003                                       | 767,713   | 35,235                                       | 87,538                | 143,425                                     | 12,810                      | 436,181                       | 38,146  | 223                         | 7,326   | 33   | 6,711                         | 85      |
| 2004                                       | 812,123   | 34,440                                       | 95,638                | 159,272                                     | 10,817                      | 460,380                       | 34,835  | 333                         | 10,751  | 2  | 5,572                         | 81      |
| 2005                                       | 886,254   | 36,098                                       | 108,899               | 174,371                                     | 11,055                      | 510,866                       | 29,318  | 408                         | 10,710  | 2  | 4,443                         | 85      |
| 2006                                       | 918,911   | 37,798                                       | 103,624               | 179,889                                     | 10,199                      | 541,404                       | 30,030  | 408                         | 11,036  | 2  | 4,443                         | 80      |
| 2007 Q1                                    | 923,511   | 38,622                                       | 102,508               | 166,569                                     | 10,276                      | 549,886                       | 39,620  | 408                         | 11,100  | 2  | 4,443                         | 79      |
| Q2   | 945,531   | 38,497                                       | 103,219               | 175,516                                     | 10,114                      | 557,055                       | 45,104  | 408                         | 11,096  | 2  | 4,443                         | 79      |
| Q3   | 939,321   | 37,725                                       | 102,103               | 162,292                                     | 10,344                      | 568,917                       | 41,833  | 408                         | 11,177  | 2  | 4,443                         | 77      |
| Q4   | 939,988   | 37,385                                       | 102,083               | 177,394                                     | 10,287                      | 574,156                       | 22,829  | 408                         | 10,928  | 2  | 4,443                         | 74      |
| 2008 Q1                                    | 950,431   | 37,774                                       | 101,205               | 173,295                                     | 9,885                       | 578,816                       | 33,649  | 408                         | 10,886  | 2  | 4,443                         | 69      |
| Q2   | 957,909   | 37,136                                       | 101,932               | 168,938                                     | 9,816                       | 585,794                       | 38,496  | 438                         | 10,845  | 2  | 4,443                         | 69      |
| <b>State government</b>                    |           |  |                       |   |                             |                               |   |                             |         |  |                               |         |
| 2002                                       | 392,172   | 588  | 121,394               | .   | .                           | .                             | 255,072   | 5                           | 15,113  | .  | .                             | 1       |
| 2003                                       | 423,737   | 787  | 154,189               | .   | .                           | .                             | 244,902   | 4                           | 23,854  | .  | .                             | 1       |
| 2004                                       | 448,672   | 1,282  | 179,620               | .   | .                           | .                             | 228,644   | 3                           | 39,122  | .  | .                             | 1       |
| 2005                                       | 471,375   | 847  | 201,146               | .   | .                           | .                             | 221,163   | 3                           | 48,216  | .  | .                             | 1       |
| 2006                                       | 481,850   | 36   | 216,665               | .   | .                           | .                             | 209,270   | 2                           | 55,876  | .  | .                             | 1       |
| 2007 Q1                                    | 483,084   | 5  | 221,087               | .   | .                           | .                             | 211,039   | 2                           | 50,950  | .  | .                             | 1       |
| Q2   | 479,658   | 80   | 223,011               | .   | .                           | .                             | 201,938   | 2                           | 54,627  | .  | .                             | 1       |
| Q3   | 480,050   | 1,825  | 222,879               | .   | .                           | .                             | 202,054   | 2                           | 53,290  | .  | .                             | 1       |
| Q4   | 484,373   | 2,125  | 227,025               | .   | .                           | .                             | 194,956   | 2                           | 60,264  | .  | .                             | 1       |
| 2008 Q1 P                                  | 477,396   | 1,693  | 224,276               | .   | .                           | .                             | 193,385   | 2                           | 58,039  | .  | .                             | 1       |
| Q2 P                                       | 481,875   | 2,519  | 227,048               | .   | .                           | .                             | 195,189   | 3                           | 57,116  | .  | .                             | 1       |
| <b>Local government</b> 11                 |           |  |                       |   |                             |                               |   |                             |         |  |                               |         |
| 2002                                       | 100,842   | .  | 153                   | .   | .                           | 913                           | 97,624  | 124                         | 2,027   | .  | .                             | .       |
| 2003                                       | 107,857   | .  | 77                    | .   | .                           | 734                           | 104,469   | 106                         | 2,471   | .  | .                             | .       |
| 2004                                       | 112,538   | .  | .                     | .   | .                           | 812                           | 108,231   | 86                          | 3,410   | .  | .                             | .       |
| 2005                                       | 116,033   | .  | .                     | .   | .                           | 466                           | 111,889   | 77                          | 3,601   | .  | .                             | .       |
| 2006                                       | 118,380   | .  | .                     | .   | .                           | 256                           | 113,265   | 70                          | 4,789   | .  | .                             | .       |
| 2007 Q1                                    | 117,768   | .  | .                     | .   | .                           | 256                           | 112,651   | 70                          | 4,790   | .  | .                             | .       |
| Q2   | 117,312   | .  | .                     | .   | .                           | 256                           | 112,196   | 70                          | 4,790   | .  | .                             | .       |
| Q3   | 115,782   | .  | .                     | .   | .                           | 256                           | 110,666   | 70                          | 4,790   | .  | .                             | .       |
| Q4   | 115,920   | .  | .                     | .   | .                           | 256                           | 111,803   | 66                          | 3,796   | .  | .                             | .       |
| 2008 Q1 P                                  | 113,932   | .  | .                     | .   | .                           | 256                           | 109,811   | 65                          | 3,800   | .  | .                             | .       |
| Q2 P                                       | 114,367   | .  | .                     | .   | .                           | 256                           | 110,246   | 65                          | 3,800   | .  | .                             | .       |
| <b>Special funds</b> 8,9,10,12             |           |  |                       |   |                             |                               |   |                             |         |  |                               |         |
| 2002                                       | 59,210    | -  | 3,820                 | 10,185                                      | .                           | 32,828                        | 11,832  | 8                           | 537     | .  | .                             | .       |
| 2003                                       | 58,830    | -  | 4,610                 | 10,185                                      | .                           | 34,201                        | 9,315   | 8                           | 512     | .  | .                             | .       |
| 2004                                       | 57,250    | -  | 4,538                 | 9,685                                       | .                           | 34,355                        | 8,274   | 8                           | 389     | .  | .                             | .       |
| 2005                                       | 15,367    | .  | .                     | 51  | .                           | 10,469                        | 4,609   | -                           | 238     | .  | .                             | .       |
| 2006                                       | 14,556    | .  | .                     | 51  | .                           | 10,368                        | 3,950   | -                           | 188     | .  | .                             | .       |
| 2007 Q1                                    | 14,258    | .  | .                     | 51  | .                           | 10,271                        | 3,749   | -                           | 188     | .  | .                             | .       |
| Q2   | 14,183    | .  | .                     | 51  | .                           | 10,271                        | 3,674   | -                           | 188     | .  | .                             | .       |
| Q3   | 100       | .  | .                     | .   | .                           | 100                           | -   | -                           | -       | .  | .                             | .       |
| Q4   | 100       | .  | .                     | .   | .                           | 100                           | -   | -                           | -       | .  | .                             | .       |
| 2008 Q1 P                                  | -         | .  | .                     | .   | .                           | -                             | -   | -                           | -       | .  | .                             | .       |
| Q2 P                                       | -         | .  | .                     | .   | .                           | -                             | -   | -                           | -       | .  | .                             | .       |

Source: Bundesbank calculations based on data from the Federal Statistical Office. — \* Excluding direct intergovernmental borrowing. — 1 Including Treasury financing paper. — 2 Excluding issuers' holdings of their own securities. — 3 Treasury notes issued by state government include long-term notes. — 4 Mainly loans against borrowers' notes and cash advances. Including loans raised abroad. Other loans from non-banks, including loans from public supplementary pension funds and liabilities arising from the investment assistance levy. — 5 Old liabilities arising from housing construction and liabilities arising from housing construction by the former GDR's armed forces and from housing construction in connection with the return of the troops of the former USSR stationed in eastern Germany to their home country. — 6 Excluding offsets against outstanding claims. — 7 Old debt mainly denominated in foreign currency, in accordance with the

London Debts Agreement; excluding debt securities in own portfolios. — 8 In contrast to the capital market statistics, the debt incurred through the joint issuance of Federal securities is recorded here under central government and its special funds in accordance with the agreed allocation ratios. — 9 On 1 January 2005 central government assumed joint responsibility for the debts of the German Unity Fund. From that date on, the aforementioned special fund is recorded under central government. — 10 On 1 July 2007 central government assumed joint responsibility for the debts of the ERP Special Fund. From that date on, the aforementioned special fund is recorded under central government. — 11 Including debt of municipal special purpose associations. Data other than year-end figures have been estimated. — 12 ERP Special Fund (up to the end of June 2007), German Unity Fund (up to the end of 2004) and Indemnification Fund.



## X Economic conditions in Germany

## 1 Origin and use of domestic product, distribution of national income

| Item   | 2006           |         |         | 2007                     |       |       | 2008  |       |       |       |       |       |       |
|--|----------------|---------|---------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|  | 2005           | 2006    | 2007    | 2005                     | 2006  | 2007  | Q4    | Q1    | Q2    | Q3    | Q4    | Q1    | Q2    |
|  | Index 2000=100 |         |         | Annual percentage change |       |       |       |       |       |       |       |       |       |
| <b>At constant prices, chained</b>   |                |         |         |                          |       |       |       |       |       |       |       |       |       |
| <b>I Origin of domestic product</b>  |                |         |         |                          |       |       |       |       |       |       |       |       |       |
| Production sector (excluding construction)                                     | 107.6          | 114.0   | 119.9   | 2.7                      | 5.9   | 5.2   | 6.3   | 5.3   | 5.4   | 5.4   | 4.7   | 2.6   | 5.8   |
| Construction   | 79.3           | 77.4    | 79.4    | - 4.9                    | - 2.3 | 2.6   | 2.1   | 16.3  | 0.2   | - 1.4 | - 1.7 | 2.5   | 7.3   |
| Wholesale/retail trade, hotel and restaurant services, transport and storage 1 | 106.0          | 110.5   | 111.0   | 0.7                      | 4.2   | 0.5   | 6.2   | 1.8   | 0.8   | 0.6   | - 1.1 | 2.5   | 3.4   |
| Financing, renting and business services 2                                     | 105.9          | 108.2   | 112.2   | 1.4                      | 2.1   | 3.6   | 2.9   | 4.2   | 4.1   | 3.2   | 3.0   | 2.1   | 2.5   |
| Public and private services 3  | 103.0          | 103.7   | 105.1   | 0.6                      | 0.7   | 1.3   | 0.5   | 0.9   | 1.3   | 1.3   | 1.7   | 0.6   | 1.2   |
| Gross value added  | 104.2          | 107.3   | 110.4   | 1.0                      | 2.9   | 2.9   | 3.7   | 3.7   | 3.1   | 2.7   | 2.3   | 2.0   | 3.4   |
| Gross domestic product 4   | 103.0          | 106.1   | 108.7   | 0.8                      | 3.0   | 2.5   | 3.8   | 3.4   | 2.5   | 2.4   | 1.6   | 1.8   | 3.1   |
| <b>II Use of domestic product</b>  |                |         |         |                          |       |       |       |       |       |       |       |       |       |
| Private consumption 5  | 101.5          | 102.5   | 102.1   | 0.2                      | 1.0   | - 0.4 | 2.1   | - 0.2 | - 0.2 | 0.0   | - 1.0 | - 0.1 | - 0.0 |
| Government consumption   | 102.1          | 102.7   | 105.0   | 0.4                      | 0.6   | 2.2   | 0.7   | 2.1   | 2.5   | 2.3   | 1.8   | 1.7   | 2.0   |
| Machinery and equipment  | 99.8           | 111.0   | 118.7   | 6.0                      | 11.1  | 6.9   | 9.5   | 8.6   | 5.3   | 6.5   | 7.5   | 6.2   | 10.1  |
| Premises   | 82.4           | 86.5    | 88.0    | - 3.0                    | 5.0   | 1.8   | 8.4   | 14.1  | - 0.0 | - 1.0 | - 2.8 | 2.0   | 6.2   |
| Other investment 6   | 117.2          | 126.6   | 136.7   | 4.9                      | 8.0   | 8.0   | 7.0   | 4.3   | 8.9   | 9.6   | 8.8   | 8.9   | 6.2   |
| Changes in inventories 7 8   | .              | .       | .       | - 0.4                    | 0.0   | 0.1   | - 2.0 | - 0.1 | - 0.5 | 0.0   | 0.9   | - 0.1 | 0.2   |
| Domestic use   | 97.9           | 100.0   | 101.1   | 0.0                      | 2.1   | 1.1   | 1.1   | 2.0   | 0.4   | 1.0   | 1.2   | 1.0   | 2.2   |
| Net exports 8  | .              | .       | .       | 0.7                      | 1.0   | 1.4   | 2.8   | 1.6   | 2.1   | 1.5   | 0.5   | 0.9   | 1.1   |
| Exports  | 135.0          | 152.2   | 163.5   | 7.7                      | 12.7  | 7.5   | 15.9  | 10.1  | 9.3   | 8.3   | 2.8   | 5.5   | 7.0   |
| Imports  | 120.1          | 134.4   | 141.1   | 6.5                      | 11.9  | 5.0   | 10.5  | 7.5   | 5.2   | 5.5   | 2.2   | 4.2   | 5.7   |
| Gross domestic product 4   | 103.0          | 106.1   | 108.7   | 0.8                      | 3.0   | 2.5   | 3.8   | 3.4   | 2.5   | 2.4   | 1.6   | 1.8   | 3.1   |
| <b>At current prices (€ billion)</b>   |                |         |         |                          |       |       |       |       |       |       |       |       |       |
| <b>III Use of domestic product</b>   |                |         |         |                          |       |       |       |       |       |       |       |       |       |
| Private consumption 5  | 1,324.7        | 1,355.1 | 1,373.7 | 1.7                      | 2.3   | 1.4   | 3.1   | 1.0   | 1.4   | 1.9   | 1.2   | 2.2   | 2.3   |
| Government consumption   | 420.0          | 425.4   | 435.6   | 1.0                      | 1.3   | 2.4   | 1.2   | 2.3   | 2.6   | 2.6   | 2.2   | 3.1   | 3.4   |
| Machinery and equipment  | 162.1          | 178.1   | 189.4   | 4.9                      | 9.8   | 6.3   | 7.8   | 7.9   | 4.9   | 5.9   | 6.7   | 5.1   | 9.2   |
| Premises   | 203.4          | 218.6   | 236.4   | - 2.1                    | 7.5   | 8.1   | 12.6  | 21.9  | 7.0   | 4.9   | 2.5   | 5.1   | 9.7   |
| Other investment 6   | 25.4           | 26.4    | 27.7    | 2.5                      | 3.9   | 5.1   | 4.8   | 4.2   | 5.3   | 5.4   | 5.3   | 3.0   | 3.1   |
| Changes in inventories 7   | - 11.9         | - 13.7  | - 10.9  | .                        | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| Domestic use   | 2,123.7        | 2,190.0 | 2,251.9 | 1.2                      | 3.1   | 2.8   | 1.7   | 3.2   | 2.1   | 2.6   | 3.4   | 2.8   | 4.4   |
| Net exports  | 119.6          | 131.5   | 171.0   | .                        | .     | .     | .     | .     | .     | .     | .     | .     | .     |
| Exports  | 921.4          | 1,052.7 | 1,137.2 | 8.4                      | 14.3  | 8.0   | 17.2  | 11.4  | 9.9   | 8.5   | 2.9   | 6.0   | 7.8   |
| Imports  | 801.9          | 921.2   | 966.2   | 8.8                      | 14.9  | 4.9   | 12.0  | 7.4   | 5.1   | 4.8   | 2.6   | 6.0   | 8.4   |
| Gross domestic product 4   | 2,243.2        | 2,321.5 | 2,422.9 | 1.5                      | 3.5   | 4.4   | 4.4   | 5.2   | 4.4   | 4.4   | 3.5   | 3.1   | 4.4   |
| <b>IV Prices (2000 = 100)</b>  |                |         |         |                          |       |       |       |       |       |       |       |       |       |
| Private consumption  | 107.5          | 108.9   | 110.8   | 1.5                      | 1.3   | 1.7   | 1.0   | 1.3   | 1.6   | 1.8   | 2.3   | 2.3   | 2.3   |
| Gross domestic product   | 105.6          | 106.1   | 108.1   | 0.7                      | 0.5   | 1.9   | 0.5   | 1.7   | 1.9   | 2.0   | 1.9   | 1.3   | 1.2   |
| Terms of trade   | 101.2          | 99.9    | 100.5   | - 1.4                    | - 1.3 | 0.7   | - 0.3 | 1.3   | 0.6   | 1.0   | - 0.2 | - 1.2 | - 1.8 |
| <b>V Distribution of national income</b>                                       |                |         |         |                          |       |       |       |       |       |       |       |       |       |
| Compensation of employees  | 1,130.1        | 1,149.5 | 1,183.6 | - 0.6                    | 1.7   | 3.0   | 2.3   | 3.1   | 3.3   | 2.6   | 2.9   | 3.5   | 3.5   |
| Entrepreneurial and property income  | 566.7          | 616.1   | 643.5   | 5.9                      | 8.7   | 4.5   | 12.8  | 7.5   | 0.3   | 6.8   | 2.8   | 3.5   | 8.0   |
| National income  | 1,696.7        | 1,765.6 | 1,827.1 | 1.5                      | 4.1   | 3.5   | 5.4   | 4.7   | 2.2   | 4.1   | 2.9   | 3.5   | 5.0   |
| <i>Memo item:</i> Gross national income  | 2,270.8        | 2,362.4 | 2,464.2 | 1.7                      | 4.0   | 4.3   | 4.9   | 5.7   | 3.6   | 4.5   | 3.5   | 2.9   | 3.9   |

Source: Federal Statistical Office; figures computed in August 2008. — 1 Including communication services. — 2 Financial intermediation, real estate activities, renting and business services. — 3 Including care-at-home services. — 4 Gross value added plus taxes on products (netted with subsidies on

products). — 5 Including non-profit institutions serving households. — 6 Intangible fixed asset formation (inter alia, computer software and entertainment, literary or artistic originals) and cultivated assets. — 7 Including net increase in valuables. — 8 Contribution of growth to GDP.

X Economic conditions in Germany

2 Output in the production sector \*

Adjusted for working-day variations ◦

| Period                   | of which                 |                 |          |                       |                                       |               |                     |                                 |                              |                         |  |         |
|--------------------------|--------------------------|-----------------|----------|-----------------------|---------------------------------------|---------------|---------------------|---------------------------------|------------------------------|-------------------------|--|---------|
|                          | Production sector, total | Construc-tion 2 | Energy 3 | Industry 1            |                                       |               |                     |                                 |                              |                         |  |         |
|                          |                          |                 |          | Total                 | of which: by main industrial grouping |               |                     |                                 | of which: by economic sector |                         |  |         |
|                          |                          |                 |          | Inter-mediate goods 4 | Capital goods 5                       | Durable goods | Non-durable goods 6 | Chemicals and chemical products | Basic metals                 | Machinery and equipment | Motor vehicles, trailers and semi-trailers |         |
| 2000 = 100               |                          |                 |          |                       |                                       |               |                     |                                 |                              |                         |  |         |
| 2003                     | 98.4                     | 84.9            | 99.8     | 99.5                  | 99.5                                  | 102.0         | 87.2                | 97.4                            | 102.0                        | 99.9                    | 97.8                                       | 107.6   |
| 2004                     | 100.8                    | 80.5            | 102.7    | 102.5                 | 103.3                                 | 105.7         | 87.5                | 97.9                            | 104.5                        | 103.6                   | 101.2                                      | 111.9   |
| 2005                     | 103.6                    | 76.1            | 102.9    | 106.3                 | 106.5                                 | 111.0         | 87.8                | 100.9                           | 110.0                        | 104.5                   | 106.1                                      | 116.8   |
| 2006                     | 109.8                    | 80.9            | 102.9    | 113.2                 | 115.1                                 | 118.9         | 94.0                | 102.6                           | 114.4                        | 111.7                   | 114.9                                      | 120.2   |
| 2007                     | 116.3                    | 83.2            | 100.5    | 121.1                 | 123.9                                 | 128.8         | 95.3                | 105.7                           | 120.5                        | 118.0                   | 126.2                                      | 129.3   |
| 2006 Dec                 | 107.1                    | 69.6            | 110.7    | 110.2                 | 103.6                                 | 124.8         | 91.3                | 100.3                           | 105.5                        | 94.0                    | 136.8                                      | 100.5   |
| 2007 Jan                 | 105.0                    | 56.1            | 105.0    | 109.5                 | 115.7                                 | 110.5         | 89.4                | 98.7                            | 118.9                        | 117.9                   | 103.0                                      | 117.8   |
| Feb                      | 108.2                    | 59.5            | 99.2     | 113.6                 | 117.1                                 | 119.4         | 95.8                | 98.6                            | 117.4                        | 117.8                   | 113.1                                      | 127.8   |
| Mar                      | 121.4                    | 79.7            | 105.3    | 127.0                 | 129.3                                 | 136.2         | 103.9               | 109.4                           | 126.3                        | 128.1                   | 133.0                                      | 143.4   |
| Apr                      | 113.1                    | 86.4            | 97.0     | 117.3                 | 121.2                                 | 122.7         | 90.1                | 104.7                           | 121.8                        | 117.7                   | 117.6                                      | 129.4   |
| May                      | 114.0                    | 88.0            | 95.5     | 118.4                 | 123.1                                 | 123.7         | 90.1                | 104.7                           | 122.3                        | 117.7                   | 120.4                                      | 128.8   |
| June                     | 118.7                    | 92.5            | 94.3     | 123.8                 | 127.8                                 | 133.5         | 94.6                | 102.7                           | 118.3                        | 121.3                   | 130.7                                      | 137.9   |
| July                     | 118.4                    | 96.6            | 95.4     | 122.9                 | 127.7                                 | 131.1         | 89.7                | 104.3                           | 123.0                        | 117.3                   | 127.8                                      | 132.2   |
| Aug                      | 109.4                    | 88.9            | 94.0     | 113.0                 | 120.3                                 | 112.9         | 81.1                | 104.7                           | 121.3                        | 108.4                   | 114.4                                      | 100.2   |
| Sep                      | 124.5                    | 97.5            | 96.4     | 130.1                 | 132.4                                 | 139.4         | 108.1               | 112.1                           | 122.7                        | 122.3                   | 137.2                                      | 143.1   |
| Oct                      | 125.2                    | 96.2            | 104.5    | 130.1                 | 132.0                                 | 139.1         | 105.4               | 113.8                           | 123.2                        | 125.3                   | 132.3                                      | 140.4   |
| Nov                      | 125.6                    | 90.3            | 107.9    | 130.7                 | 130.1                                 | 143.8         | 105.4               | 111.9                           | 120.5                        | 123.9                   | 136.9                                      | 143.0   |
| Dec                      | 112.3                    | 66.9            | 111.0    | 116.6                 | 110.4                                 | 133.5         | 89.5                | 102.9                           | 109.8                        | 97.4                    | 147.5                                      | 107.9   |
| 2008 Jan                 | 111.1                    | 60.1            | 107.0    | 116.2                 | 121.1                                 | 121.7         | 89.5                | 101.3                           | 123.0                        | 120.0                   | 112.5                                      | 123.7   |
| Feb                      | 113.8                    | 65.3            | 101.2    | 119.6                 | 122.9                                 | 129.5         | 94.6                | 99.1                            | 117.3                        | 122.4                   | 122.1                                      | 136.8   |
| Mar                      | 126.2                    | 75.9            | 108.3    | 132.8                 | 136.8                                 | 143.5         | 103.9               | 109.6                           | 130.4                        | 130.9                   | 141.2                                      | 145.9   |
| Apr r                    | 7 119.3                  | 7 84.2          | 7 102.3  | 7 124.4               | 7 129.1                               | 7 134.3       | 7 94.2              | 7 101.6                         | 7 119.9                      | 7 125.1                 | 7 131.3                                    | 7 137.3 |
| May r                    | 7 115.9                  | 7 87.5          | 7 95.7   | 7 120.7               | 7 126.6                               | 7 128.1       | 7 86.2              | 7 101.5                         | 7 119.1                      | 7 121.6                 | 7 126.1                                    | 7 125.3 |
| June r                   | 7 121.2                  | 7 92.3          | 7 89.7   | 7 127.3               | 7 130.7                               | 7 140.3       | 7 94.6              | 7 101.9                         | 7 120.5                      | 7 126.3                 | 7 142.5                                    | 7 134.9 |
| July +                   | 7 118.5                  | 7 93.9          | 7 92.7   | 7 123.6               | 7 129.4                               | 7 132.3       | 7 84.6              | 7 103.1                         | 7 123.2                      | 7 115.5                 | 7 133.4                                    | 7 123.8 |
| Aug + p                  | 7 111.3                  | 7 89.5          | 7 93.5   | 7 115.2               | 7 123.5                               | 7 116.8       | 7 79.0              | 7 102.5                         | 7 118.9                      | 7 110.7                 | 7 120.9                                    | 7 99.1  |
| Annual percentage change |                          |                 |          |                       |                                       |               |                     |                                 |                              |                         |  |         |
| 2003                     | + 0.1                    | - 4.3           | + 2.6    | + 0.2                 | + 0.6                                 | + 0.9         | - 5.2               | - 0.9                           | + 0.2                        | - 2.0                   | - 1.7                                      | + 2.1   |
| 2004                     | + 2.4                    | - 5.2           | + 2.9    | + 3.0                 | + 3.8                                 | + 3.6         | + 0.3               | + 0.5                           | + 2.5                        | + 3.7                   | + 3.5                                      | + 4.0   |
| 2005                     | + 2.8                    | - 5.5           | + 0.2    | + 3.7                 | + 3.1                                 | + 5.0         | + 0.3               | + 3.1                           | + 5.3                        | + 0.9                   | + 4.8                                      | + 4.4   |
| 2006                     | + 6.0                    | + 6.3           | + 0.0    | + 6.5                 | + 8.1                                 | + 7.1         | + 7.1               | + 1.7                           | + 4.0                        | + 6.9                   | + 8.3                                      | + 2.9   |
| 2007                     | + 5.9                    | + 2.8           | - 2.3    | + 7.0                 | + 7.6                                 | + 8.3         | + 1.4               | + 3.0                           | + 5.3                        | + 5.6                   | + 9.8                                      | + 7.6   |
| 2006 Dec                 | + 7.5                    | + 14.9          | - 4.2    | + 8.6                 | + 10.9                                | + 8.3         | + 12.0              | + 3.9                           | + 6.5                        | + 12.8                  | + 6.4                                      | + 5.7   |
| 2007 Jan                 | + 7.0                    | + 35.2          | - 12.8   | + 8.5                 | + 10.6                                | + 9.3         | + 4.3               | + 2.5                           | + 4.4                        | + 12.6                  | + 11.7                                     | + 9.8   |
| Feb                      | + 7.8                    | + 30.2          | - 8.9    | + 8.6                 | + 11.0                                | + 8.8         | + 7.2               | + 2.7                           | + 6.5                        | + 9.5                   | + 13.8                                     | + 4.9   |
| Mar                      | + 8.6                    | + 26.1          | - 6.5    | + 9.3                 | + 11.0                                | + 9.5         | + 5.7               | + 5.8                           | + 6.6                        | + 9.4                   | + 13.7                                     | + 8.8   |
| Apr                      | + 4.9                    | + 0.6           | - 4.7    | + 6.2                 | + 7.1                                 | + 7.3         | - 2.6               | + 3.4                           | + 7.4                        | + 6.5                   | + 7.8                                      | + 7.6   |
| May                      | + 5.8                    | - 1.0           | + 0.1    | + 6.9                 | + 7.9                                 | + 7.6         | + 0.9               | + 4.0                           | + 8.2                        | + 5.2                   | + 9.5                                      | + 5.1   |
| June                     | + 5.6                    | - 1.6           | + 0.0    | + 6.7                 | + 7.6                                 | + 8.4         | + 2.0               | + 1.3                           | + 3.4                        | + 3.5                   | + 9.5                                      | + 9.4   |
| July                     | + 5.1                    | - 2.6           | - 1.8    | + 6.3                 | + 7.3                                 | + 8.1         | - 0.7               | + 1.1                           | + 3.5                        | + 4.8                   | + 10.9                                     | + 3.8   |
| Aug                      | + 5.7                    | - 2.0           | + 1.3    | + 6.7                 | + 6.5                                 | + 8.8         | + 2.4               | + 3.8                           | + 6.8                        | + 3.5                   | + 8.5                                      | + 8.4   |
| Sep                      | + 6.0                    | - 1.5           | + 3.1    | + 7.0                 | + 7.6                                 | + 7.8         | + 1.4               | + 5.3                           | + 8.5                        | + 3.1                   | + 9.2                                      | + 8.4   |
| Oct                      | + 6.2                    | - 1.5           | + 3.8    | + 7.0                 | + 5.7                                 | + 10.7        | + 1.0               | + 3.1                           | + 2.8                        | + 3.7                   | + 10.3                                     | + 10.6  |
| Nov                      | + 4.1                    | - 5.8           | + 1.3    | + 4.9                 | + 4.6                                 | + 7.5         | - 2.2               | + 1.2                           | + 1.3                        | + 2.3                   | + 6.7                                      | + 7.3   |
| Dec                      | + 4.9                    | - 3.9           | + 0.3    | + 5.8                 | + 6.6                                 | + 7.0         | - 2.0               | + 2.6                           | + 4.1                        | + 3.6                   | + 7.8                                      | + 7.4   |
| 2008 Jan                 | + 5.8                    | + 7.1           | + 1.9    | + 6.1                 | + 4.7                                 | + 10.1        | + 0.1               | + 2.6                           | + 3.4                        | + 1.8                   | + 9.2                                      | + 5.0   |
| Feb                      | + 5.2                    | + 9.7           | + 2.0    | + 5.3                 | + 5.0                                 | + 8.5         | - 1.3               | + 0.5                           | - 0.1                        | + 3.9                   | + 8.0                                      | + 7.0   |
| Mar                      | 7 + 4.0                  | 7 - 4.8         | + 2.8    | + 4.6                 | + 5.8                                 | + 5.4         | + 0.0               | + 0.2                           | + 3.2                        | + 2.2                   | + 6.2                                      | + 1.7   |
| Apr r                    | 7 + 5.5                  | 7 - 2.5         | + 5.5    | + 6.1                 | + 6.5                                 | + 9.5         | + 4.6               | - 3.0                           | - 1.6                        | + 6.3                   | + 11.6                                     | + 6.1   |
| May r                    | 7 + 1.7                  | 7 - 0.6         | + 0.2    | + 1.9                 | + 2.8                                 | + 3.6         | - 4.3               | - 3.1                           | - 2.6                        | + 2.9                   | + 4.7                                      | - 2.7   |
| June r                   | 7 + 2.1                  | 7 - 0.2         | - 4.9    | + 2.8                 | + 2.3                                 | + 5.1         | + 0.0               | - 0.8                           | + 1.9                        | + 4.1                   | + 9.0                                      | - 2.2   |
| July +                   | 7 + 0.1                  | 7 - 2.8         | - 2.8    | + 0.6                 | + 1.3                                 | + 0.9         | - 5.7               | - 1.2                           | + 0.2                        | - 1.5                   | + 4.4                                      | - 6.4   |
| Aug + p                  | 7 + 1.7                  | 7 + 0.7         | - 0.5    | + 1.9                 | + 2.7                                 | + 3.5         | - 2.6               | - 2.1                           | - 2.0                        | + 2.1                   | + 5.7                                      | - 11.1  |

Source of the unadjusted figures: Federal Statistical Office. — \* Annual and quarterly figures based on firms' reports of enterprises with at least 20 employees; monthly breakdown from January 2007 on the basis of data provided by firms with at least 50 employees, but with a smaller reporting group before that date. — ◦ Using the Census X-12-ARIMA method, version 0.2.8. — 1 Manufacturing sector, unless assigned to the main grouping energy, plus mining and quarrying. — 2 The figures refer to the economic classifications "Site preparation" and "Building of complete constructions or parts thereof; civil engineering". — 3 Electricity, gas, steam and hot water

supply, and, in particular, mining of coal and lignite, extraction of crude oil and natural gas and manufacture of refined petroleum products. — 4 Including mining and quarrying. — 5 Including manufacture of motor vehicles, trailers and semi-trailers. — 6 Including printing and service activities related to printing. — 7 Adjusted in advance by the Federal Statistical Office, by way of estimates, to the results of the annual overall survey in the construction sector (average + 4%). — + Provisional; adjusted in advance by the Federal Statistical Office, by way of estimates, to the results of the Quarterly Production Survey for the third quarter 2008.

X Economic conditions in Germany

3 Orders received by industry \*

Adjusted for working-day variations ◦

| Period                          | Industry |                          | of which           |                          |                            |                          |                             |                          |                          |                                |                          |        |
|---------------------------------|----------|--------------------------|--------------------|--------------------------|----------------------------|--------------------------|-----------------------------|--------------------------|--------------------------|--------------------------------|--------------------------|--------|
|                                 | 2000=100 | Annual percentage change | Intermediate goods |                          | Capital goods <sup>1</sup> |                          | Consumer goods <sup>2</sup> |                          | of which                 |                                |                          |        |
|                                 |          |                          | 2000=100           | Annual percentage change | 2000=100                   | Annual percentage change | 2000=100                    | Annual percentage change | Durable goods            | Non-durable goods <sup>2</sup> |                          |        |
|                                 |          |                          |                    |                          |                            |                          |                             | 2000=100                 | Annual percentage change | 2000=100                       | Annual percentage change |        |
| <b>total</b>                    |          |                          |                    |                          |                            |                          |                             |                          |                          |                                |                          |        |
| 2003                            | 99.0     | + 0.8                    | 97.8               | + 1.5                    | 100.7                      | + 1.2                    | 95.6                        | - 3.4                    | 90.4                     | - 5.5                          | 98.8                     | - 2.2  |
| 2004                            | 105.1    | + 6.2                    | 105.0              | + 7.4                    | 107.6                      | + 6.9                    | 95.1                        | - 0.5                    | 89.3                     | - 1.2                          | 98.7                     | - 0.1  |
| 2005                            | 111.8    | + 6.4                    | 110.0              | + 4.8                    | 116.2                      | + 8.0                    | 99.7                        | + 4.8                    | 91.4                     | + 2.4                          | 104.9                    | + 6.3  |
| 2006                            | 123.8    | + 10.7                   | 124.8              | + 13.5                   | 127.5                      | + 9.7                    | 105.7                       | + 6.0                    | 98.9                     | + 8.2                          | 109.9                    | + 4.8  |
| 2007                            | 137.5    | + 11.1                   | 135.9              | + 8.9                    | 145.0                      | + 13.7                   | 111.6                       | + 5.6                    | 103.0                    | + 4.1                          | 116.9                    | + 6.4  |
| 2007 Aug                        | 125.1    | + 5.2                    | 126.6              | + 6.4                    | 127.2                      | + 4.3                    | 111.4                       | + 4.9                    | 92.0                     | + 3.1                          | 123.4                    | + 5.7  |
| Sep                             | 138.7    | + 6.5                    | 138.8              | + 5.9                    | 143.5                      | + 7.2                    | 118.6                       | + 5.5                    | 110.4                    | + 3.1                          | 123.6                    | + 6.8  |
| Oct                             | 143.8    | + 10.9                   | 139.7              | + 3.9                    | 152.0                      | + 17.1                   | 123.3                       | + 8.6                    | 128.0                    | + 14.0                         | 120.4                    | + 5.3  |
| Nov                             | 148.2    | + 13.4                   | 145.3              | + 7.8                    | 158.8                      | + 20.7                   | 114.5                       | + 0.7                    | 109.3                    | - 1.4                          | 117.8                    | + 2.0  |
| Dec                             | 137.9    | + 11.7                   | 124.0              | + 7.2                    | 158.4                      | + 16.0                   | 99.3                        | + 3.9                    | 91.6                     | + 5.2                          | 104.0                    | + 3.1  |
| 2008 Jan                        | 139.5    | + 8.2                    | 139.5              | + 4.8                    | 146.5                      | + 11.9                   | 111.4                       | + 4.0                    | 104.4                    | + 5.1                          | 115.6                    | + 3.3  |
| Feb                             | 140.6    | + 5.5                    | 137.0              | + 4.4                    | 149.3                      | + 7.1                    | 117.2                       | + 2.2                    | 101.6                    | + 2.4                          | 126.8                    | + 2.0  |
| Mar                             | 152.6    | + 5.1                    | 151.1              | + 4.3                    | 162.2                      | + 7.0                    | 119.2                       | - 0.7                    | 111.9                    | + 3.1                          | 123.8                    | - 2.7  |
| Apr                             | 137.3    | + 4.8                    | 138.7              | + 4.1                    | 144.0                      | + 6.1                    | 106.0                       | + 0.9                    | 103.3                    | + 6.1                          | 107.6                    | - 2.0  |
| May                             | 135.1    | + 0.2                    | 140.0              | + 3.2                    | 139.1                      | - 1.3                    | 102.6                       | - 4.0                    | 97.4                     | - 3.4                          | 105.9                    | - 4.3  |
| June                            | 136.3    | - 7.3                    | 140.5              | - 0.9                    | 140.6                      | - 12.8                   | 105.5                       | - 1.5                    | 102.6                    | + 0.8                          | 107.3                    | - 2.7  |
| July                            | 132.8    | - 2.1                    | 138.7              | + 1.6                    | 134.4                      | - 4.5                    | 107.3                       | - 3.6                    | 93.2                     | - 4.9                          | 116.0                    | - 2.8  |
| Aug P                           | 125.3    | + 0.2                    | 128.9              | + 1.8                    | 126.7                      | - 0.4                    | 108.1                       | - 3.0                    | 91.7                     | - 0.3                          | 118.2                    | - 4.2  |
| <b>from the domestic market</b> |          |                          |                    |                          |                            |                          |                             |                          |                          |                                |                          |        |
| 2003                            | 94.6     | ± 0.0                    | 95.0               | + 0.4                    | 96.0                       | + 1.4                    | 89.9                        | - 5.0                    | 86.3                     | - 6.2                          | 92.1                     | - 4.4  |
| 2004                            | 98.3     | + 3.9                    | 100.4              | + 5.7                    | 100.1                      | + 4.3                    | 87.2                        | - 3.0                    | 83.0                     | - 3.8                          | 89.8                     | - 2.5  |
| 2005                            | 101.4    | + 3.2                    | 103.6              | + 3.2                    | 102.8                      | + 2.7                    | 91.1                        | + 4.5                    | 85.2                     | + 2.7                          | 94.7                     | + 5.5  |
| 2006                            | 110.9    | + 9.4                    | 116.9              | + 12.8                   | 110.5                      | + 7.5                    | 95.0                        | + 4.3                    | 92.2                     | + 8.2                          | 96.6                     | + 2.0  |
| 2007                            | 120.1    | + 8.3                    | 127.2              | + 8.8                    | 120.9                      | + 9.4                    | 97.7                        | + 2.8                    | 93.2                     | + 1.1                          | 100.4                    | + 3.9  |
| 2007 Aug                        | 113.2    | + 4.1                    | 121.7              | + 5.8                    | 110.4                      | + 2.9                    | 96.9                        | + 2.4                    | 83.7                     | + 0.7                          | 105.0                    | + 3.2  |
| Sep                             | 120.7    | + 0.7                    | 127.7              | + 4.1                    | 119.1                      | - 3.6                    | 105.5                       | + 3.6                    | 101.8                    | + 1.3                          | 107.7                    | + 5.0  |
| Oct                             | 124.2    | + 4.8                    | 131.4              | + 3.9                    | 124.2                      | + 7.2                    | 103.9                       | + 0.6                    | 102.5                    | - 2.6                          | 104.7                    | + 2.5  |
| Nov                             | 128.9    | + 8.4                    | 139.7              | + 9.7                    | 127.2                      | + 9.7                    | 102.8                       | - 0.3                    | 102.4                    | - 3.5                          | 103.1                    | + 1.8  |
| Dec                             | 115.9    | + 8.5                    | 114.9              | + 6.9                    | 126.8                      | + 12.5                   | 87.6                        | - 0.2                    | 83.1                     | + 1.3                          | 90.3                     | - 1.1  |
| 2008 Jan                        | 119.7    | + 4.2                    | 129.4              | + 4.5                    | 117.7                      | + 3.7                    | 98.0                        | + 4.6                    | 97.3                     | + 6.0                          | 98.4                     | + 3.7  |
| Feb                             | 121.1    | + 4.8                    | 128.7              | + 6.3                    | 120.3                      | + 4.1                    | 101.9                       | + 2.1                    | 95.3                     | + 3.9                          | 106.0                    | + 1.1  |
| Mar                             | 132.4    | + 3.5                    | 140.8              | + 5.9                    | 133.4                      | + 2.5                    | 105.9                       | - 0.7                    | 103.9                    | + 2.3                          | 107.2                    | - 2.3  |
| Apr                             | 122.8    | + 5.5                    | 131.1              | + 5.6                    | 124.9                      | + 6.9                    | 93.2                        | - 0.2                    | 95.4                     | + 7.3                          | 91.8                     | - 4.5  |
| May                             | 117.7    | - 0.3                    | 130.6              | + 2.3                    | 114.8                      | - 2.0                    | 88.9                        | - 4.1                    | 88.2                     | - 1.3                          | 89.4                     | - 5.6  |
| June                            | 122.3    | - 1.1                    | 133.3              | + 1.3                    | 121.6                      | - 4.2                    | 93.1                        | + 0.6                    | 93.8                     | + 2.4                          | 92.7                     | - 0.3  |
| July                            | 119.2    | - 2.1                    | 132.6              | + 2.4                    | 115.0                      | - 6.3                    | 92.8                        | - 3.9                    | 86.4                     | - 3.7                          | 96.8                     | - 4.0  |
| Aug P                           | 115.4    | + 1.9                    | 124.8              | + 2.5                    | 112.7                      | + 2.1                    | 96.5                        | - 0.4                    | 84.8                     | + 1.3                          | 103.7                    | - 1.2  |
| <b>from abroad</b>              |          |                          |                    |                          |                            |                          |                             |                          |                          |                                |                          |        |
| 2003                            | 104.4    | + 1.7                    | 102.3              | + 3.2                    | 105.1                      | + 1.0                    | 108.2                       | - 0.4                    | 99.3                     | - 4.4                          | 113.8                    | + 2.2  |
| 2004                            | 113.6    | + 8.8                    | 112.2              | + 9.7                    | 114.5                      | + 8.9                    | 112.6                       | + 4.1                    | 103.1                    | + 3.8                          | 118.5                    | + 4.1  |
| 2005                            | 124.8    | + 9.9                    | 119.9              | + 6.9                    | 128.5                      | + 12.2                   | 119.0                       | + 5.7                    | 105.0                    | + 1.8                          | 127.7                    | + 7.8  |
| 2006                            | 140.0    | + 12.2                   | 137.3              | + 14.5                   | 143.2                      | + 11.4                   | 129.4                       | + 8.7                    | 113.6                    | + 8.2                          | 139.3                    | + 9.1  |
| 2007                            | 159.2    | + 13.7                   | 149.5              | + 8.9                    | 167.3                      | + 16.8                   | 142.5                       | + 10.1                   | 124.6                    | + 9.7                          | 153.6                    | + 10.3 |
| 2007 Aug                        | 139.9    | + 6.3                    | 134.2              | + 7.2                    | 142.7                      | + 5.4                    | 143.6                       | + 9.0                    | 110.3                    | + 7.4                          | 164.4                    | + 9.7  |
| Sep                             | 161.1    | + 12.7                   | 156.1              | + 8.2                    | 166.0                      | + 15.8                   | 147.6                       | + 8.5                    | 129.2                    | + 6.3                          | 159.1                    | + 9.8  |
| Oct                             | 168.3    | + 17.2                   | 152.8              | + 3.9                    | 177.7                      | + 24.5                   | 166.3                       | + 22.2                   | 184.1                    | + 44.1                         | 155.2                    | + 9.8  |
| Nov                             | 172.3    | + 18.5                   | 154.0              | + 5.2                    | 187.9                      | + 28.6                   | 140.5                       | + 2.4                    | 124.3                    | + 2.5                          | 150.6                    | + 2.4  |
| Dec                             | 165.4    | + 14.5                   | 138.2              | + 7.5                    | 187.5                      | + 18.4                   | 125.1                       | + 10.7                   | 110.4                    | + 12.3                         | 134.3                    | + 9.9  |
| 2008 Jan                        | 164.3    | + 12.3                   | 155.4              | + 5.2                    | 173.0                      | + 17.8                   | 140.9                       | + 3.1                    | 120.0                    | + 3.8                          | 153.9                    | + 2.7  |
| Feb                             | 165.0    | + 6.2                    | 149.9              | + 2.0                    | 176.0                      | + 9.0                    | 151.0                       | + 2.2                    | 115.5                    | - 0.3                          | 173.2                    | + 3.2  |
| Mar                             | 177.9    | + 6.6                    | 167.2              | + 2.3                    | 188.7                      | + 10.1                   | 148.6                       | - 0.7                    | 129.3                    | + 4.6                          | 160.7                    | - 3.2  |
| Apr                             | 155.5    | + 4.2                    | 150.6              | + 2.3                    | 161.6                      | + 5.6                    | 134.2                       | + 2.5                    | 120.7                    | + 4.1                          | 142.6                    | + 1.7  |
| May                             | 156.9    | + 0.8                    | 154.8              | + 4.5                    | 161.6                      | - 0.7                    | 133.0                       | - 3.9                    | 117.7                    | - 6.4                          | 142.6                    | - 2.5  |
| June                            | 153.9    | - 12.8                   | 151.7              | - 3.9                    | 158.2                      | - 18.0                   | 132.8                       | - 4.7                    | 121.9                    | - 1.9                          | 139.6                    | - 6.2  |
| July                            | 149.8    | - 2.0                    | 148.3              | + 0.5                    | 152.3                      | - 3.3                    | 139.4                       | - 3.0                    | 108.2                    | - 6.8                          | 158.8                    | - 1.3  |
| Aug P                           | 137.7    | - 1.6                    | 135.3              | + 0.8                    | 139.7                      | - 2.1                    | 133.7                       | - 6.9                    | 106.7                    | - 3.3                          | 150.5                    | - 8.5  |

Source of the unadjusted figures: Federal Statistical Office. — \* Economic activities of the manufacturing sector, in particular excluding manufacture of food products, beverages, tobacco and refined petroleum products; results for specific operational segments; figures excluding value-added tax; from January 2006 on the basis of reports by enterprises with at least 50 em-

ployees, previously on the basis of the reports by enterprises with at least 20 employees. — ◦ Using the Census X-12-ARIMA method, version 0.2.8. — 1 Including manufacture of motor vehicles, trailers and semi-trailers. — 2 Including printing and service activities related to printing.

## X Economic conditions in Germany

### 4 Orders received by construction \*

Adjusted for working-day variations ◦

| Period    | Germany |                          |                                    |   |  | Western Germany 1 |                          |                                    |   |  | Eastern Germany 2 |                          |                                      |   |  |
|-----------|---------|--------------------------|------------------------------------|---|--|-------------------|--------------------------|------------------------------------|---|--|-------------------|--------------------------|--------------------------------------|---|--|
|           | Total   | Annual percentage change | Housing construction<br>2000 = 100 | Industrial construction 3<br>2000 = 100 | Public sector construction<br>2000 = 100 | Total             | Annual percentage change | Housing construction<br>2000 = 100 | Industrial construction 3<br>2000 = 100 | Public sector construction<br>2000 = 100 | Total             | Annual percentage change | Housing construction 4<br>2000 = 100 | Industrial construction 3<br>2000 = 100 | Public sector construction<br>2000 = 100 |
|           |         |                          |                                    |   |  |                   |                          |                                    |   |  |                   |                          |                                      |   |  |
| 2003      | 79.3    | - 10.7                   | 67.5                               | 78.6                                    | 87.5                                     | 82.0              | - 11.1                   | 75.6                               | 79.7                                    | 88.7                                     | 71.9              | - 9.7                    | 45.1                                 | 75.4                                    | 84.3                                     |
| 2004      | 74.3    | - 6.3                    | 61.3                               | 72.8                                    | 84.2                                     | 76.9              | - 6.2                    | 70.5                               | 74.5                                    | 83.8                                     | 67.2              | - 6.5                    | 35.8                                 | 67.7                                    | 85.3                                     |
| 2005      | 73.8    | - 0.7                    | 56.9                               | 74.4                                    | 83.5                                     | 77.8              | + 1.2                    | 66.5                               | 78.0                                    | 84.8                                     | 62.6              | - 6.8                    | 30.5                                 | 64.2                                    | 80.2                                     |
| 2006      | 77.6    | + 5.1                    | 59.4                               | 81.3                                    | 84.9                                     | 82.1              | + 5.5                    | 68.9                               | 84.8                                    | 87.3                                     | 65.4              | + 4.5                    | 33.1                                 | 71.1                                    | 78.6                                     |
| 2007      | 84.2    | + 8.5                    | 56.1                               | 90.0                                    | 95.1                                     | 89.7              | + 9.3                    | 64.5                               | 94.5                                    | 100.0                                    | 69.0              | + 5.5                    | 33.1                                 | 76.8                                    | 82.2                                     |
| 2007 July | 93.6    | + 6.8                    | 60.0                               | 103.4                                   | 103.5                                    | 100.8             | + 9.6                    | 68.8                               | 112.2                                   | 107.8                                    | 73.8              | - 2.3                    | 35.9                                 | 77.8                                    | 92.2                                     |
| Aug       | 83.8    | - 0.4                    | 58.5                               | 82.0                                    | 101.5                                    | 88.9              | + 0.9                    | 69.0                               | 86.1                                    | 104.8                                    | 69.6              | - 4.7                    | 29.7                                 | 70.3                                    | 92.7                                     |
| Sep       | 93.7    | + 3.1                    | 62.3                               | 93.1                                    | 113.9                                    | 97.5              | + 3.0                    | 70.1                               | 96.4                                    | 116.2                                    | 83.3              | + 3.7                    | 41.0                                 | 83.7                                    | 108.1                                    |
| Oct       | 96.3    | + 25.7                   | 56.7                               | 96.8                                    | 120.4                                    | 104.0             | + 27.9                   | 65.8                               | 96.9                                    | 136.5                                    | 75.1              | + 18.1                   | 31.6                                 | 96.4                                    | 78.9                                     |
| Nov       | 77.2    | + 9.5                    | 45.6                               | 83.6                                    | 89.7                                     | 83.0              | + 11.6                   | 53.3                               | 84.8                                    | 99.7                                     | 61.3              | + 2.7                    | 24.5                                 | 80.2                                    | 63.8                                     |
| Dec       | 75.0    | + 6.7                    | 51.6                               | 82.7                                    | 80.8                                     | 78.7              | + 8.3                    | 56.6                               | 84.7                                    | 85.8                                     | 64.6              | + 1.1                    | 38.0                                 | 76.6                                    | 68.0                                     |
| 2008 Jan  | 68.7    | + 14.7                   | 41.5                               | 87.2                                    | 64.9                                     | 75.0              | + 16.3                   | 49.1                               | 93.5                                    | 70.0                                     | 51.4              | + 9.4                    | 20.5                                 | 68.9                                    | 51.6                                     |
| Feb       | 65.4    | + 2.0                    | 46.0                               | 74.5                                    | 67.4                                     | 73.3              | + 8.4                    | 54.2                               | 84.1                                    | 72.9                                     | 43.8              | - 19.6                   | 23.3                                 | 46.7                                    | 52.9                                     |
| Mar       | 95.1    | + 2.3                    | 60.2                               | 95.6                                    | 116.3                                    | 101.8             | + 2.5                    | 68.6                               | 101.8                                   | 123.0                                    | 76.5              | + 1.1                    | 37.2                                 | 77.4                                    | 99.1                                     |
| Apr       | 88.8    | + 1.0                    | 53.0                               | 102.3                                   | 95.9                                     | 96.4              | + 3.1                    | 58.5                               | 112.0                                   | 102.4                                    | 67.7              | - 6.5                    | 37.7                                 | 74.0                                    | 79.0                                     |
| May       | 88.0    | - 1.8                    | 55.4                               | 91.8                                    | 103.9                                    | 93.8              | - 2.6                    | 63.1                               | 96.0                                    | 110.7                                    | 71.8              | + 0.8                    | 34.1                                 | 79.7                                    | 86.1                                     |
| June      | 100.1   | + 4.3                    | 63.1                               | 108.4                                   | 113.9                                    | 102.0             | - 0.2                    | 67.8                               | 112.3                                   | 111.7                                    | 95.1              | + 20.5                   | 50.2                                 | 97.0                                    | 119.8                                    |
| July      | 98.3    | + 5.0                    | 59.3                               | 97.3                                    | 123.7                                    | 105.3             | + 4.5                    | 67.4                               | 104.3                                   | 130.7                                    | 78.8              | + 6.8                    | 37.0                                 | 76.8                                    | 105.7                                    |

Source of the unadjusted figures: Federal Statistical Office. — \* Values exclusive of value-added tax. The figures refer to the economic classifications "Site preparation" and "Building of complete constructions or parts there-

of; civil engineering". — ◦ Using the Census X-12-ARIMA method, version 0.2.8. — 1 Excluding West Berlin. — 2 Including West Berlin. — 3 Including the railways and post office. — 4 Not working-day adjusted.

### 5 Retail trade turnover \*

Adjusted for working-day variations ◦

| Period     | Retail trade 1           |  |   |            |  |            |  |            |                          |                                  | Memo item   |                |            |                          |       |        |
|------------|--------------------------|--|---|------------|--|------------|--|------------|--------------------------|----------------------------------|---|----------------|------------|--------------------------|-------|--------|
|            | Total                    | of which: by enterprises' main product range 2 |   |            |  |            |  |            |                          |                                  | Retail trade plus retail sales of motor vehicles and motorcycles and sales of automotive fuel | of which       |            |                          |       |        |
|            |                          | Food, beverages, tobacco                       | Cosmetic, pharmaceutical and medical products |            | Textiles, clothing, footwear and leather goods |            | Furniture and lighting equipments, domestic appliances, building materials |            |                          | Retail sales of motor vehicles 3 |   |                |            |                          |       |        |
| 2003 = 100 | Annual percentage change | Not adjusted                                   | Price-adjusted                                | 2003 = 100 | Annual percentage change                       | 2003 = 100 | Annual percentage change   | 2003 = 100 | Annual percentage change | 2003 = 100                       | Not adjusted  | Price-adjusted | 2003 = 100 | Annual percentage change |       |        |
| 2002       | 100.6                    | - 1.6  | - 1.4   | 98.3       | + 2.6  | 97.6       | + 3.5  | 105.7      | - 5.0                    | 100.8                            | - 7.9   | 100.0          | - 0.8      | - 0.8                    | 98.1  | + 2.9  |
| 2003 4     | 100.1                    | - 0.5  | - 0.5   | 100.2      | + 1.9  | 100.0      | + 2.5  | 100.1      | - 5.3                    | 100.2                            | - 0.6   | 100.2          | + 0.2      | - 0.1                    | 100.5 | + 2.4  |
| 2004       | 101.8                    | + 1.7  | + 1.8   | 103.3      | + 3.1  | 99.9       | - 0.1  | 103.5      | + 3.4                    | 103.8                            | + 3.6   | 102.0          | + 1.8      | + 1.5                    | 102.5 | + 2.0  |
| 2005       | 103.7                    | + 1.9  | + 1.4   | 106.3      | + 2.9  | 104.5      | + 4.6  | 105.5      | + 1.9                    | 102.0                            | - 1.7   | 103.9          | + 1.9      | + 1.2                    | 104.9 | + 2.3  |
| 2006 5     | 104.9                    | + 1.2  | + 0.6   | 106.7      | + 0.4  | 107.2      | + 2.6  | 108.1      | + 2.5                    | 105.8                            | + 3.7   | 106.5          | + 2.5      | + 1.5                    | 111.9 | + 6.7  |
| 2007 6     | 103.6                    | - 1.2  | - 2.2   | 105.9      | - 0.7  | 109.8      | + 2.4  | 110.3      | + 2.0                    | 104.2                            | - 1.5   | 104.1          | - 2.3      | - 3.5                    | 105.3 | - 5.9  |
| 2007 Aug 6 | 100.3                    | - 1.1  | - 2.0   | 102.6      | - 1.1  | 107.1      | + 4.0  | 105.4      | - 1.5                    | 99.3                             | - 1.7   | 101.1          | - 1.0      | - 2.2                    | 102.7 | - 1.0  |
| Sep        | 101.5                    | + 0.4  | - 0.5   | 101.1      | ± 0.0  | 107.4      | + 4.8  | 121.6      | + 18.5                   | 102.1                            | - 0.6   | 102.9          | - 0.6      | - 2.0                    | 105.9 | - 3.9  |
| Oct        | 107.4                    | - 0.8  | - 2.3   | 107.6      | + 2.7  | 113.9      | + 3.5  | 125.0      | + 0.6                    | 109.1                            | - 4.2   | 108.5          | - 1.7      | - 3.5                    | 112.7 | - 4.7  |
| Nov        | 109.0                    | - 0.7  | - 2.9   | 106.5      | + 0.5  | 114.3      | + 2.7  | 112.8      | - 1.6                    | 112.5                            | - 5.2   | 109.6          | - 2.9      | - 5.1                    | 112.3 | - 10.7 |
| Dec        | 123.8                    | - 5.5  | - 7.3   | 120.5      | - 4.4  | 124.7      | - 1.8  | 135.4      | - 2.4                    | 126.8                            | - 9.8   | 119.4          | - 7.2      | - 9.0                    | 102.7 | - 18.0 |
| 2008 Jan   | 97.6                     | + 3.8  | + 1.5   | 99.6       | + 0.3  | 109.0      | + 6.3  | 94.6       | + 4.8                    | 95.3                             | + 3.0   | 96.1           | + 6.9      | + 4.5                    | 91.1  | + 20.0 |
| Feb        | 94.2                     | + 3.1  | + 0.3   | 98.1       | + 0.7  | 104.2      | + 4.3  | 88.1       | + 8.5                    | 91.3                             | + 0.6   | 95.1           | + 5.3      | + 2.6                    | 97.4  | + 12.9 |
| Mar        | 106.7                    | + 0.5  | - 2.2   | 110.3      | + 1.4  | 110.6      | + 0.1  | 103.5      | - 7.2                    | 110.9                            | - 0.7   | 109.0          | + 0.9      | - 1.8                    | 115.9 | + 1.7  |
| Apr        | 104.9                    | - 1.6  | - 3.9   | 108.9      | - 0.8  | 112.0      | + 2.1  | 113.1      | - 11.0                   | 104.9                            | - 0.8   | 106.6          | - 0.9      | - 3.2                    | 111.6 | + 1.8  |
| May        | 105.5                    | + 4.0  | + 1.2   | 108.8      | + 1.7  | 107.6      | - 0.7  | 119.8      | + 14.4                   | 103.7                            | + 3.7   | 107.3          | + 2.9      | + 0.2                    | 110.3 | - 3.1  |
| June       | 100.8                    | + 1.2  | - 1.6   | 105.1      | + 1.3  | 108.7      | + 2.3  | 100.5      | - 2.4                    | 99.2                             | + 0.1   | 102.5          | - 0.8      | - 3.5                    | 106.7 | - 6.6  |
| July       | 103.5                    | + 1.3  | - 1.9   | 106.5      | + 0.4  | 113.1      | - 0.1  | 107.1      | + 1.1                    | 100.2                            | - 0.8   | 104.1          | - 0.6      | - 3.6                    | 104.1 | - 8.1  |
| Aug        | 103.6                    | + 3.3  | - 0.1   | 106.3      | + 3.6  | 108.4      | + 1.2  | 105.7      | + 0.3                    | 100.5                            | + 1.2   | 103.1          | + 2.0      | - 1.2                    | 98.3  | - 4.3  |

Source of the unadjusted figures: Federal Statistical Office. — \* Excluding value-added tax. — ◦ Using the Census X-12-ARIMA method, version 0.2.8. — 1 Excluding sales of motor vehicles and motorcycles and excluding the sale of automotive fuel. — 2 Retail sales in stores. — 3 Including motor vehicle parts and accessories. — 4 Figures for 2003 do not include Lower

Saxony. — 5 From January 2006 reporting population expanded annually to include new entities; statistical break in reporting population eliminated by chain-linking. — 6 From January 2007 figures are provisional in some cases revised, and particularly uncertain in recent months owing to estimates for missing reports.

## X Economic conditions in Germany

## 6 Labour market \*

| Period                   | Employment 1 |               |           | Employees 1 |                          | Persons in employment 2         |                | Short-time workers 4 | Persons employed under employment promotion schemes 5,6 | Persons undergoing vocational further training 6 | Unemployment 6     |                    | Unemployment rate 6,7 in % | Vacancies, 6 thousands |           |                          |
|--------------------------|--------------|---------------|-----------|-------------|--------------------------|---------------------------------|----------------|----------------------|---|--|--------------------|--------------------|----------------------------|------------------------|-----------|--------------------------|
|                          | Thousands    | Annual change |           | Thousands   | Annual percentage change | Mining and manufacturing sector | Construction 3 |                      |   |  | Thousands          | Thousands          |                            |                        | Thousands | Annual change, thousands |
|                          |              | in %          | Thousands |             |                          |                                 |                |                      |   |  |                    |                    |                            |                        |           |                          |
| <b>Germany</b>           |              |               |           |             |                          |                                 |                |                      |   |  |                    |                    |                            |                        |           |                          |
| 2005                     | 38,850       | - 0.1         | - 30      | 34,490      | - 0.5                    | 5,931                           | 719            | 126                  | 61  | 114 <sup>8</sup>                                 | 4,861 <sup>8</sup> | + 480 <sup>8</sup> | 11.7 <sup>9</sup>          | 413                    |           |                          |
| 2006                     | 39,095       | + 0.6         | + 245     | 34,703      | + 0.6                    | 5,249                           | 710            | 67                   | 51  | 124  | 4,487              | - 374              | 10.8                       | 564                    |           |                          |
| 2007                     | 39,766       | + 1.7         | + 671     | 35,317      | + 1.8                    | 5,301                           | 714            | 68                   | 42  | 131  | 3,776              | - 711              | 9.0                        | 621                    |           |                          |
| 2007 Sep                 | 40,172       | + 1.7         | + 663     |             |                          | 5,365                           | 735            | 34                   | 43  | 125  | 3,544              | - 694              | 8.5                        | 629                    |           |                          |
| Oct                      | 40,394       | + 1.8         | + 718     |             |                          | 5,364                           | 728            | 36                   | 44  | 142  | 3,434              | - 650              | 8.2                        | 609                    |           |                          |
| Nov                      | 40,410       | + 1.7         | + 667     | 35,905      | + 1.8                    | 5,361                           | 723            | 37                   | 43  | 147  | 3,379              | - 617              | 8.1                        | 577                    |           |                          |
| Dec                      | 40,230       | + 1.5         | + 614     |             |                          | 5,347                           | 708            | 78                   | 40  | 148  | 3,406              | - 602              | 8.1                        | 546                    |           |                          |
| 2008 Jan                 | 39,742       | + 1.7         | + 654     |             |                          | 5,366                           | 681            | 126                  | 36  | 139  | 3,659              | - 625              | 8.7                        | 528                    |           |                          |
| Feb                      | 39,737       | + 1.6         | + 615     | 35,332      | + 1.7                    | 5,385                           | 678            | 159                  | 35  | 143  | 3,617              | - 630              | 8.6                        | 565                    |           |                          |
| Mar                      | 39,844       | + 1.5         | + 582     |             |                          | 5,402                           | 684            | 156                  | 35  | 148  | 3,507              | - 617              | 8.4                        | 588                    |           |                          |
| Apr                      | 40,055       | + 1.4         | + 571     |             |                          | 5,404                           | 693            | 59                   | 36  | 152  | 3,414              | - 563              | 8.1                        | 592                    |           |                          |
| May                      | 40,233       | + 1.4         | + 568     | 35,724      | + 1.6                    | 5,409                           | 696            | 51                   | 37  | 150  | 3,283              | - 529              | 7.8                        | 579                    |           |                          |
| June                     | 40,321       | + 1.4         | + 561     |             |                          | 5,422                           | 703            | 50                   | 39  | 149  | 3,160              | - 528              | 7.5                        | 596                    |           |                          |
| July                     | 40,306       | + 1.4         | + 560     |             |                          | 5,450                           | 703            | ...                  | 14  | 14   | 3,210              | - 505              | 7.7                        | 588                    |           |                          |
| Aug                      | 15 40,400    | 15 + 1.4      | 15 + 545  | ...         | ...                      | 5,473                           | ...            | ...                  | 14  | 14   | 3,196              | - 510              | 7.6                        | 586                    |           |                          |
| Sep                      | ...          | ...           | ...       | ...         | ...                      | ...                             | ...            | ...                  | 14  | 14   | 3,081              | - 463              | 7.4                        | 585                    |           |                          |
| <b>Western Germany °</b> |              |               |           |             |                          |                                 |                |                      |   |  |                    |                    |                            |                        |           |                          |
| 2005                     | .            | .             | .         | .           | .                        | 5,214                           | 529            | 101                  | 12  | 76 <sup>8</sup>                                  | 3,247 <sup>8</sup> | + 464 <sup>8</sup> | 9.9 <sup>9</sup>           | 325                    |           |                          |
| 2006                     | .            | .             | .         | .           | .                        | 4,650                           | 525            | 54                   | 10  | 85   | 3,007              | - 240              | 9.1                        | 436                    |           |                          |
| 2007                     | .            | .             | .         | .           | .                        | 4,684                           | 529            | 52                   | 9   | 90   | 2,486              | - 521              | 7.5                        | 489                    |           |                          |
| 2007 Sep                 | .            | .             | .         | .           | .                        | 4,736                           | 545            | 27                   | 9   | 86   | 2,335              | - 501              | 7.0                        | 498                    |           |                          |
| Oct                      | .            | .             | .         | .           | .                        | 4,734                           | 540            | 30                   | 9   | 98   | 2,265              | - 473              | 6.8                        | 485                    |           |                          |
| Nov                      | .            | .             | .         | .           | .                        | 4,732                           | 536            | 30                   | 9   | 100  | 2,225              | - 448              | 6.7                        | 460                    |           |                          |
| Dec                      | .            | .             | .         | .           | .                        | 4,719                           | 527            | 58                   | 8   | 101  | 2,231              | - 440              | 6.7                        | 439                    |           |                          |
| 2008 Jan                 | .            | .             | .         | .           | .                        | 4,732                           | 510            | 94                   | 8   | 95   | 2,383              | - 448              | 7.1                        | 426                    |           |                          |
| Feb                      | .            | .             | .         | .           | .                        | 4,749                           | 507            | 117                  | 8   | 98   | 2,347              | - 451              | 7.0                        | 453                    |           |                          |
| Mar                      | .            | .             | .         | .           | .                        | 4,761                           | 512            | 114                  | 8   | 101  | 2,271              | - 437              | 6.8                        | 463                    |           |                          |
| Apr                      | .            | .             | .         | .           | .                        | 4,761                           | 520            | 47                   | 7   | 105  | 2,216              | - 395              | 6.6                        | 465                    |           |                          |
| May                      | .            | .             | .         | .           | .                        | 4,766                           | 522            | 41                   | 7   | 104  | 2,140              | - 364              | 6.4                        | 462                    |           |                          |
| June                     | .            | .             | .         | .           | .                        | 4,777                           | 526            | 40                   | 7   | 102  | 2,074              | - 354              | 6.2                        | 481                    |           |                          |
| July                     | .            | .             | .         | .           | .                        | 4,801                           | 526            | ...                  | 14  | 14   | 2,120              | - 330              | 6.4                        | 478                    |           |                          |
| Aug                      | .            | .             | .         | .           | .                        | 4,819                           | ...            | ...                  | 14  | 14   | 2,109              | - 335              | 6.3                        | 474                    |           |                          |
| Sep                      | .            | .             | .         | .           | .                        | ...                             | ...            | ...                  | 14  | 14   | 2,042              | - 293              | 6.1                        | 471                    |           |                          |
| <b>Eastern Germany +</b> |              |               |           |             |                          |                                 |                |                      |   |  |                    |                    |                            |                        |           |                          |
| 2005                     | .            | .             | .         | .           | .                        | 717                             | 189            | 25                   | 49  | 38 <sup>8</sup>                                  | 1,614 <sup>8</sup> | + 16 <sup>8</sup>  | 18.7 <sup>9</sup>          | 88                     |           |                          |
| 2006                     | .            | .             | .         | .           | .                        | 599                             | 185            | 13                   | 42  | 39   | 1,480              | - 134              | 17.3                       | 129                    |           |                          |
| 2007                     | .            | .             | .         | .           | .                        | 617                             | 185            | 16                   | 33  | 42   | 1,291              | - 190              | 15.1                       | 133                    |           |                          |
| 2007 Sep                 | .            | .             | .         | .           | .                        | 628                             | 190            | 6                    | 34  | 39   | 1,209              | - 193              | 14.1                       | 131                    |           |                          |
| Oct                      | .            | .             | .         | .           | .                        | 630                             | 189            | 6                    | 34  | 44   | 1,169              | - 177              | 13.6                       | 124                    |           |                          |
| Nov                      | .            | .             | .         | .           | .                        | 629                             | 187            | 7                    | 34  | 47   | 1,154              | - 169              | 13.4                       | 117                    |           |                          |
| Dec                      | .            | .             | .         | .           | .                        | 628                             | 181            | 20                   | 32  | 47   | 1,176              | - 162              | 13.7                       | 106                    |           |                          |
| 2008 Jan                 | .            | .             | .         | .           | .                        | 634                             | 172            | 33                   | 28  | 45   | 1,276              | - 178              | 14.9                       | 102                    |           |                          |
| Feb                      | .            | .             | .         | .           | .                        | 636                             | 171            | 42                   | 28  | 45   | 1,270              | - 179              | 14.8                       | 112                    |           |                          |
| Mar                      | .            | .             | .         | .           | .                        | 641                             | 172            | 42                   | 27  | 47   | 1,236              | - 180              | 14.4                       | 125                    |           |                          |
| Apr                      | .            | .             | .         | .           | .                        | 643                             | 173            | 12                   | 28  | 47   | 1,198              | - 167              | 13.9                       | 127                    |           |                          |
| May                      | .            | .             | .         | .           | .                        | 644                             | 174            | 10                   | 29  | 46   | 1,143              | - 165              | 13.4                       | 117                    |           |                          |
| June                     | .            | .             | .         | .           | .                        | 645                             | 176            | 10                   | 32  | 47   | 1,086              | - 174              | 12.7                       | 115                    |           |                          |
| July                     | .            | .             | .         | .           | .                        | 649                             | 178            | ...                  | 14  | 14   | 1,090              | - 175              | 12.8                       | 110                    |           |                          |
| Aug                      | .            | .             | .         | .           | .                        | 654                             | ...            | ...                  | 14  | 14   | 1,087              | - 175              | 12.8                       | 112                    |           |                          |
| Sep                      | .            | .             | .         | .           | .                        | ...                             | ...            | ...                  | 14  | 14   | 1,039              | - 170              | 12.2                       | 114                    |           |                          |

Sources: Federal Statistical Office; Federal Employment Agency. — \* Annual and quarterly figures: averages; annual figures: calculated by the Bundesbank; deviations from the official figures are due to rounding. — ° Excluding West Berlin. — + Including West Berlin. — 1 Workplace concept; averages. — 2 Including active proprietors; monthly figures: end of month. — 3 The figures refer to the economic classifications "Site preparation" and "Building of complete constructions or parts thereof; civil engineering". — 4 Number within a given month. — 5 Employees involved in job creation schemes and structural adjustment measures (SAM). — 6 Mid-month level. — 7 Relative to the total civilian labour force. — 8 From January 2005,

unemployed persons including recipients of social assistance who are able to work. — 9 From January 2005, including offers of job opportunities. — 10 From January 2006, enterprises with at least 50 employees, previously enterprises with at least 20 employees. — 11 From January 2007, vacancies for seasonal workers are included only if they are based on non-specific employer requirements. — 12 Provisional up to adjustment to the figures of the annual overall survey. — 13 From May 2008, calculated on the basis of new labour force figures. — 14 Annualised data from the Federal Employment Agency based on information received so far. — 15 Initial preliminary estimate by the Federal Statistical Office.

## X Economic conditions in Germany

## 7 Prices

| Period                          | Consumer price index |          |   |       |        |          |                                  | Construction price index 2 | Index of producer prices of industrial products sold on the domestic market 4 | Index of producer prices of agricultural products 4 | Indices of foreign trade prices |         | HWWI Index of World Market Prices of Raw Materials 5 |          |                       |
|---------------------------------|----------------------|----------|---|-------|--------|----------|----------------------------------|----------------------------|---|---|---------------------------------|---------|--|----------|-----------------------|
|                                 | Total                | of which |   |       |        | Energy 1 | Services excluding house rents 3 |                            |   |   | House rents 3                   | Exports | Imports  | Energy 6 | Other raw materials 7 |
|                                 |                      | Food     | Other durable and non-durable consumer goods excluding energy 1 2 |       |        |          |                                  |                            |   |   |                                 |         |  |          |                       |
|                                 | 2005 = 100           |          |   |       |        |          |                                  | 2000 = 100                 |   |   |                                 |         |  |          |                       |
| <b>Index level</b>              |                      |          |   |       |        |          |                                  |                            |   |   |                                 |         |  |          |                       |
| 2005                            | 8                    | 100.0    | 100.0   | 100.0 | 100.0  | 100.0    | 100.0                            | 100.0                      | 8   | 110.7   | 98.8                            | 102.4   | 101.4  | 139.5    | 105.4                 |
| 2006                            | 9                    | 101.6    | 101.9   | 100.3 | 108.5  | 101.0    | 101.1                            | 102.4                      | 9   | 116.8   | 107.1                           | 104.8   | 106.7  | 163.9    | 131.5                 |
| 2007                            | 10 11                | 103.9    | 105.9   | 101.7 | 112.8  | 103.9    | 102.2                            | 109.3                      | 11  | 119.1   | 118.2                           | 106.7   | 108.0  | 166.6    | 143.7                 |
| 2006 Nov                        |                      | 101.7    | 102.2   | 100.9 | 106.8  | 100.7    | 101.5                            | 103.9                      |   | 117.8   | 110.4                           | 105.7   | 106.4  | 144.9    | 137.7                 |
| 2006 Dec                        |                      | 102.4    | 102.7   | 100.9 | 106.7  | 103.1    | 101.6                            |                            |   | 117.8   | 110.8                           | 105.6   | 106.1  | 148.7    | 136.3                 |
| 2007 Jan                        | 10                   | 102.4    | 104.1   | 101.2 | 108.3  | 101.8    | 101.6                            | 108.3                      |   | 117.8   | 110.6                           | 105.8   | 105.4  | 133.2    | 138.8                 |
| 2007 Feb                        |                      | 102.9    | 103.9   | 101.4 | 109.1  | 102.9    | 101.7                            |                            |   | 118.1   | 112.6                           | 106.0   | 105.9  | 142.2    | 141.8                 |
| 2007 Mar                        |                      | 103.1    | 103.7   | 101.7 | 110.7  | 102.8    | 101.8                            |                            |   | 118.4   | 112.7                           | 106.2   | 106.5  | 147.7    | 145.5                 |
| 2007 Apr                        | 11                   | 103.6    | 105.3   | 101.7 | 111.9  | 103.5    | 101.9                            | 109.1                      |   | 118.5   | 111.9                           | 106.5   | 107.5  | 154.9    | 149.1                 |
| 2007 May                        |                      | 103.6    | 104.7   | 101.6 | 112.5  | 103.5    | 102.0                            |                            |   | 118.9   | 112.6                           | 106.7   | 107.8  | 154.7    | 150.5                 |
| 2007 June                       |                      | 103.6    | 105.1   | 101.4 | 112.8  | 103.5    | 102.2                            |                            |   | 119.1   | 113.2                           | 106.9   | 108.4  | 164.3    | 148.5                 |
| 2007 July                       |                      | 104.2    | 105.0   | 101.2 | 113.8  | 105.2    | 102.3                            | 109.6                      |   | 119.0   | 117.8                           | 106.9   | 108.7  | 172.7    | 146.2                 |
| 2007 Aug                        |                      | 104.1    | 105.1   | 101.1 | 112.5  | 105.2    | 102.5                            |                            |   | 119.1   | 121.8                           | 106.9   | 107.9  | 166.8    | 141.5                 |
| 2007 Sep                        |                      | 104.2    | 105.8   | 101.8 | 114.0  | 104.3    | 102.5                            |                            |   | 119.3   | 126.7                           | 106.9   | 108.5  | 177.4    | 142.9                 |
| 2007 Oct                        | 11                   | 104.5    | 108.2   | 102.2 | 113.8  | 104.0    | 102.6                            | 110.3                      |   | 119.8   | 129.2                           | 107.0   | 109.3  | 186.5    | 143.9                 |
| 2007 Nov                        |                      | 105.0    | 109.7   | 102.4 | 118.2  | 103.8    | 102.7                            |                            |   | 120.8   | 130.2                           | 107.0   | 110.1  | 202.1    | 137.5                 |
| 2007 Dec                        |                      | 105.6    | 110.4   | 102.2 | 115.8  | 106.4    | 102.8                            |                            |   | 120.7   | 130.9                           | 107.0   | 110.0  | 199.6    | 138.2                 |
| 2008 Jan                        |                      | 105.3    | 112.1   | 101.9 | 118.4  | 104.3    | 103.0                            | 111.5                      |   | 121.7   | 130.9                           | 107.7   | 110.9  | 201.2    | 153.3                 |
| 2008 Feb                        |                      | 105.8    | 112.0   | 102.3 | 118.8  | 105.3    | 103.1                            |                            |   | 122.6   | 131.6                           | 108.3   | 112.1  | 210.6    | 163.1                 |
| 2008 Mar                        |                      | 106.3    | 112.6   | 102.5 | 121.5  | 105.7    | 103.2                            |                            |   | 123.4   | 131.5                           | 108.5   | 112.6  | 216.5    | 160.5                 |
| 2008 Apr                        |                      | 106.1    | 113.0   | 102.6 | 122.6  | 104.2    | 103.3                            | 112.5                      |   | 124.7   | 126.8                           | 108.8   | 113.6  | 225.1    | 157.7                 |
| 2008 May                        |                      | 106.7    | 113.0   | 102.4 | 126.9  | 105.0    | 103.4                            |                            |   | 126.0   | 125.5                           | 109.2   | 116.3  | 258.8    | 159.6                 |
| 2008 June                       |                      | 107.0    | 113.1   | 102.3 | 129.3  | 105.3    | 103.5                            |                            |   | 127.1   | 126.4                           | 109.8   | 118.1  | 278.3    | 162.8                 |
| 2008 July                       |                      | 107.6    | 113.4   | 101.8 | 131.0  | 107.1    | 103.6                            | 114.0                      |   | 129.6   | 127.0                           | 110.4   | 118.8  | 279.8    | 160.6                 |
| 2008 Aug                        |                      | 107.3    | 112.9   | 102.2 | 127.1  | 107.0    | 103.7                            |                            |   | 128.8   | 124.6                           | 110.0   | 117.9  | 254.8    | 156.4                 |
| 2008 Sep                        |                      | 107.2    | 112.6   | 102.9 | 127.9  | 105.9    | 103.8                            |                            |   | ...   | ...                             | ...     | ...  | 232.7    | 150.8                 |
| <b>Annual percentage change</b> |                      |          |   |       |        |          |                                  |                            |   |   |                                 |         |  |          |                       |
| 2005                            | 8                    | + 1.5    | - 0.2   | + 0.5 | + 9.8  | + 0.7    | + 0.9                            | + 1.2                      | 8   | + 4.6   | - 0.9                           | + 1.3   | + 4.3  | + 37.6   | + 9.4                 |
| 2006                            | 9                    | + 1.6    | + 1.9   | + 0.3 | + 8.5  | + 1.0    | + 1.1                            | + 2.4                      | 9   | + 5.5   | + 8.4                           | + 2.3   | + 5.2  | + 17.5   | + 24.8                |
| 2007                            | 10 11                | + 2.3    | + 3.9   | + 1.4 | + 4.0  | + 2.9    | + 1.1                            | + 6.7                      | 11  | + 2.0   | + 10.4                          | + 1.8   | + 1.2  | + 1.6    | + 9.3                 |
| 2006 Nov                        |                      | + 1.5    | + 3.8   | + 0.4 | + 3.3  | + 1.3    | + 1.1                            | + 3.7                      |   | + 4.7   | + 10.0                          | + 2.6   | + 2.8  | - 2.4    | + 22.9                |
| 2006 Dec                        |                      | + 1.4    | + 3.1   | + 0.7 | + 3.1  | + 1.3    | + 1.2                            |                            |   | + 4.4   | + 9.3                           | + 2.4   | + 2.2  | - 2.2    | + 17.7                |
| 2007 Jan                        | 10                   | + 1.7    | + 3.2   | + 1.3 | + 2.0  | + 2.1    | + 1.0                            |                            |   | + 3.2   | + 9.4                           | + 2.4   | + 0.7  | - 18.6   | + 15.6                |
| 2007 Feb                        |                      | + 1.8    | + 2.4   | + 1.3 | + 2.4  | + 2.2    | + 1.0                            | + 7.3                      |   | + 2.8   | + 9.0                           | + 2.2   | + 0.8  | - 11.6   | + 13.9                |
| 2007 Mar                        |                      | + 2.0    | + 2.6   | + 1.3 | + 3.7  | + 2.5    | + 1.0                            |                            |   | + 2.5   | + 7.5                           | + 2.1   | + 0.9  | - 9.7    | + 17.6                |
| 2007 Apr                        | 11                   | + 2.1    | + 3.5   | + 1.3 | + 1.9  | + 3.2    | + 1.0                            |                            |   | + 1.6   | + 5.8                           | + 1.9   | + 0.5  | - 12.9   | + 15.3                |
| 2007 May                        |                      | + 2.1    | + 2.2   | + 1.2 | + 2.1  | + 3.5    | + 1.0                            | + 7.4                      |   | + 1.9   | + 6.0                           | + 1.8   | + 0.6  | - 9.8    | + 11.9                |
| 2007 June                       |                      | + 1.9    | + 2.6   | + 1.3 | + 1.8  | + 2.7    | + 1.2                            |                            |   | + 1.7   | + 5.9                           | + 2.0   | + 1.3  | - 4.9    | + 14.2                |
| 2007 July                       |                      | + 2.1    | + 3.0   | + 1.6 | + 1.8  | + 2.9    | + 1.2                            |                            |   | + 1.1   | + 11.2                          | + 1.6   | + 0.4  | - 5.2    | + 7.8                 |
| 2007 Aug                        |                      | + 2.2    | + 3.2   | + 1.6 | + 1.1  | + 3.1    | + 1.3                            | + 6.4                      |   | + 1.0   | + 10.9                          | + 1.6   | - 0.6  | - 6.6    | + 5.4                 |
| 2007 Sep                        |                      | + 2.7    | + 3.3   | + 1.7 | + 5.8  | + 3.3    | + 1.2                            |                            |   | + 1.5   | + 16.1                          | + 1.6   | + 1.3  | + 14.2   | + 6.9                 |
| 2007 Oct                        | 11                   | + 2.8    | + 6.3   | + 1.4 | + 6.1  | + 3.1    | + 1.2                            |                            |   | + 1.7   | + 19.7                          | + 1.3   | + 2.3  | + 27.0   | + 3.5                 |
| 2007 Nov                        |                      | + 3.2    | + 7.3   | + 1.5 | + 10.7 | + 3.1    | + 1.2                            | + 6.2                      |   | + 2.5   | + 17.9                          | + 1.2   | + 3.5  | + 39.5   | - 0.1                 |
| 2007 Dec                        |                      | + 3.1    | + 7.5   | + 1.3 | + 8.5  | + 3.2    | + 1.2                            |                            |   | + 2.5   | + 18.1                          | + 1.3   | + 3.7  | + 34.2   | + 1.4                 |
| 2008 Jan                        |                      | + 2.8    | + 7.7   | + 0.7 | + 9.3  | + 2.5    | + 1.4                            |                            |   | + 3.3   | + 18.4                          | + 1.8   | + 5.2  | + 51.1   | + 10.4                |
| 2008 Feb                        |                      | + 2.8    | + 7.8   | + 0.9 | + 8.9  | + 2.3    | + 1.4                            | + 3.0                      |   | + 3.8   | + 16.9                          | + 2.2   | + 5.9  | + 48.1   | + 15.0                |
| 2008 Mar                        |                      | + 3.1    | + 8.6   | + 0.8 | + 9.8  | + 2.8    | + 1.4                            |                            |   | + 4.2   | + 16.7                          | + 2.2   | + 5.7  | + 46.6   | + 10.3                |
| 2008 Apr                        |                      | + 2.4    | + 7.3   | + 0.9 | + 9.6  | + 0.7    | + 1.4                            |                            |   | + 5.2   | + 13.3                          | + 2.2   | + 5.7  | + 45.3   | + 5.8                 |
| 2008 May                        |                      | + 3.0    | + 7.9   | + 0.8 | + 12.8 | + 1.4    | + 1.4                            | + 3.1                      |   | + 6.0   | + 11.5                          | + 2.3   | + 7.9  | + 67.3   | + 6.0                 |
| 2008 June                       |                      | + 3.3    | + 7.6   | + 0.9 | + 14.6 | + 1.7    | + 1.3                            |                            |   | + 6.7   | + 11.7                          | + 2.7   | + 8.9  | + 69.4   | + 9.6                 |
| 2008 July                       |                      | + 3.3    | + 8.0   | + 0.6 | + 15.1 | + 1.8    | + 1.3                            |                            |   | + 8.9   | + 7.8                           | + 3.3   | + 9.3  | + 62.0   | + 9.8                 |
| 2008 Aug                        |                      | + 3.1    | + 7.4   | + 1.1 | + 13.0 | + 1.7    | + 1.2                            | + 4.0                      |   | + 8.1   | + 2.3                           | + 2.9   | + 9.3  | + 52.8   | + 10.5                |
| 2008 Sep                        |                      | + 2.9    | + 6.4   | + 1.1 | + 12.2 | + 1.5    | + 1.3                            |                            |   | ...   | ...                             | ...     | ...  | + 31.2   | + 5.5                 |

Source: Federal Statistical Office; HWWI Index of World Market Prices. — 1 Electricity, gas and other fuels. — 2 Bundesbank calculation based on data provided by the Federal Statistical Office. — 3 Net rents. — 4 Excluding value-added tax. — 5 For the euro area, in euro. — 6 Coal and crude oil. — 7 Food, beverages and tobacco as well as industrial raw materials. — 8 From

September 2005, increase in tobacco tax. — 9 From October 2006, increase in the prices of tobacco products. — 10 From January 2007, increase in the standard rate of VAT and in insurance tax from 16% to 19%. — 11 Introduction of university tuition fees in some federal states.

X Economic conditions in Germany

8 Households' income \*

| Period  | Gross wages and salaries 1 |                          | Net wages and salaries 2 |                          | Monetary social benefits received 3 |                          | Mass income 4 |                          | Disposable income 5 |                          | Saving 6  |                          | Saving ratio 7 |
|---------|----------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|---------------|--------------------------|---------------------|--------------------------|-----------|--------------------------|----------------|
|         | € billion                  | Annual percentage change | € billion                | Annual percentage change | € billion                           | Annual percentage change | € billion     | Annual percentage change | € billion           | Annual percentage change | € billion | Annual percentage change | %              |
| 2000    | 883.4                      | 3.4                      | 569.6                    | 4.0                      | 339.9                               | 2.8                      | 909.5         | 3.6                      | 1,337.4             | 3.1                      | 123.2     | 0.4                      | 9.2            |
| 2001    | 902.0                      | 2.1                      | 590.0                    | 3.6                      | 353.8                               | 4.1                      | 943.9         | 3.8                      | 1,389.5             | 3.9                      | 130.9     | 6.2                      | 9.4            |
| 2002    | 908.2                      | 0.7                      | 591.9                    | 0.3                      | 367.7                               | 3.9                      | 959.6         | 1.7                      | 1,402.8             | 1.0                      | 139.3     | 6.4                      | 9.9            |
| 2003    | 908.3                      | 0.0                      | 589.0                    | - 0.5                    | 378.3                               | 2.9                      | 967.2         | 0.8                      | 1,431.8             | 2.1                      | 147.2     | 5.6                      | 10.3           |
| 2004    | 914.6                      | 0.7                      | 603.3                    | 2.4                      | 378.2                               | - 0.0                    | 981.5         | 1.5                      | 1,454.5             | 1.6                      | 151.4     | 2.9                      | 10.4           |
| 2005    | 912.3                      | - 0.2                    | 602.7                    | - 0.1                    | 378.6                               | 0.1                      | 981.3         | - 0.0                    | 1,481.4             | 1.8                      | 156.7     | 3.5                      | 10.6           |
| 2006    | 926.7                      | 1.6                      | 605.2                    | 0.4                      | 377.6                               | - 0.3                    | 982.8         | 0.2                      | 1,514.1             | 2.2                      | 159.0     | 1.5                      | 10.5           |
| 2007    | 958.2                      | 3.4                      | 623.4                    | 3.0                      | 372.6                               | - 1.3                    | 996.1         | 1.4                      | 1,540.9             | 1.8                      | 167.1     | 5.1                      | 10.8           |
| 2007 Q1 | 222.0                      | 3.5                      | 144.9                    | 3.2                      | 94.3                                | - 1.4                    | 239.2         | 1.3                      | 382.5               | 1.6                      | 55.0      | 5.0                      | 14.4           |
| Q2      | 231.8                      | 3.6                      | 147.6                    | 2.8                      | 93.0                                | - 2.0                    | 240.6         | 0.9                      | 378.6               | 1.6                      | 38.9      | 3.4                      | 10.3           |
| Q3      | 237.9                      | 3.0                      | 158.6                    | 2.5                      | 93.0                                | - 0.9                    | 251.6         | 1.2                      | 381.6               | 2.0                      | 35.0      | 3.7                      | 9.2            |
| Q4      | 266.5                      | 3.5                      | 172.4                    | 3.5                      | 92.3                                | - 0.9                    | 264.7         | 2.0                      | 398.1               | 1.9                      | 38.2      | 8.5                      | 9.6            |
| 2008 Q1 | 231.0                      | 4.0                      | 149.5                    | 3.2                      | 94.1                                | - 0.2                    | 243.6         | 1.8                      | 393.3               | 2.8                      | 58.6      | 6.6                      | 14.9           |
| Q2      | 240.8                      | 3.9                      | 152.1                    | 3.1                      | 93.5                                | 0.5                      | 245.6         | 2.1                      | 389.4               | 2.9                      | 42.1      | 8.1                      | 10.8           |

Source: Federal Statistical Office; figures computed in August 2008. — \* Households including non-profit institutions serving households. — 1 Residence concept. — 2 After deducting the wage tax payable on gross wages and salaries and employees' contributions to the social security funds. — 3 Social security benefits in cash from the social security funds, central, state and local government and foreign countries, pension payments (net), private funded social benefits, less social contributions on social benefits, consumption-related taxes and public charges. — 4 Net wages and salaries

plus monetary social benefits received. — 5 Mass income plus operating surplus, mixed income, property income (net), other current transfers received, income of non-profit institutions serving households, less taxes (excluding wage tax and consumption-related taxes) and other current transfers paid. Including the increase in claims on company pension funds. — 6 Including the increase in claims on company pension funds. — 7 Saving as a percentage of disposable income.

9 Pay rates (overall economy)

| Period     | Index of negotiated wages 1 |            |                          |            |                                  |            |                          |            | Memo item:<br>Wages and salaries per employee 3 |     |
|------------|-----------------------------|------------|--------------------------|------------|----------------------------------|------------|--------------------------|------------|---|-----|
|            | on an hourly basis          |            | on a monthly basis       |            |                                  |            |                          |            |   |     |
|            |                             |            | Total                    |            | Total excluding one-off payments |            | Basic pay rates 2        |            |   |     |
| 2000 = 100 | Annual percentage change    | 2000 = 100 | Annual percentage change | 2000 = 100 | Annual percentage change         | 2000 = 100 | Annual percentage change | 2000 = 100 | Annual percentage change                        |     |
| 2000       | 100.0                       | 2.0        | 100.0                    | 1.9        | 100.0                            | 2.1        | 100.0                    | 2.1        | 100.0   | 1.5 |
| 2001       | 101.9                       | 1.9        | 101.9                    | 1.9        | 102.2                            | 2.2        | 102.2                    | 2.2        | 101.8   | 1.8 |
| 2002       | 104.7                       | 2.7        | 104.6                    | 2.7        | 104.6                            | 2.3        | 104.6                    | 2.3        | 103.2   | 1.3 |
| 2003       | 106.8                       | 2.0        | 106.8                    | 2.1        | 106.9                            | 2.2        | 107.1                    | 2.4        | 104.5   | 1.3 |
| 2004       | 108.0                       | 1.2        | 108.2                    | 1.3        | 108.3                            | 1.3        | 108.8                    | 1.6        | 105.1   | 0.6 |
| 2005       | 109.0                       | 0.9        | 109.3                    | 1.1        | 109.3                            | 0.9        | 110.0                    | 1.0        | 105.4   | 0.3 |
| 2006       | 110.2                       | 1.0        | 110.7                    | 1.3        | 110.2                            | 0.9        | 110.9                    | 0.9        | 106.4   | 0.9 |
| 2007       | 111.5                       | 1.3        | 112.3                    | 1.4        | 111.9                            | 1.5        | 112.6                    | 1.5        | 108.0   | 1.6 |
| 2007 Q1    | 102.5                       | 0.6        | 103.1                    | 0.8        | 103.2                            | 1.3        | 111.7                    | 1.3        | 101.6   | 1.5 |
| Q2         | 104.5                       | 1.8        | 105.2                    | 1.9        | 103.8                            | 1.4        | 112.2                    | 1.4        | 105.0   | 1.8 |
| Q3         | 114.4                       | 1.5        | 115.2                    | 1.7        | 114.9                            | 1.7        | 113.2                    | 1.7        | 107.1   | 1.3 |
| Q4         | 124.8                       | 1.1        | 125.6                    | 1.2        | 125.9                            | 1.8        | 113.5                    | 1.8        | 118.2   | 1.7 |
| 2008 Q1    | 105.2                       | 2.6        | 105.9                    | 2.7        | 106.2                            | 2.9        | 115.0                    | 3.0        | 103.9   | 2.3 |
| Q2         | 106.2                       | 1.6        | 107.0                    | 1.7        | 107.2                            | 3.3        | 116.0                    | 3.4        | 107.4   | 2.2 |
| 2008 Feb   | 105.2                       | 2.9        | 105.9                    | 2.9        | 106.1                            | 2.9        | 115.0                    | 3.0        | .   | .   |
| Mar        | 105.3                       | 2.9        | 106.0                    | 3.0        | 106.3                            | 3.0        | 115.2                    | 3.1        | .   | .   |
| Apr        | 105.8                       | 1.9        | 106.5                    | 2.0        | 106.8                            | 3.3        | 115.7                    | 3.4        | .   | .   |
| May        | 106.6                       | 0.3        | 107.3                    | 0.4        | 107.6                            | 3.6        | 115.9                    | 3.6        | .   | .   |
| June       | 106.4                       | 2.7        | 107.1                    | 2.7        | 107.4                            | 3.0        | 116.3                    | 3.1        | .   | .   |
| July       | 137.9                       | 2.2        | 138.9                    | 2.3        | 138.9                            | 2.6        | 116.6                    | 3.2        | .   | .   |
| Aug        | 108.2                       | 4.2        | 109.1                    | 4.3        | 107.6                            | 2.9        | 116.6                    | 3.0        | .   | .   |

1 Current data are normally revised on account of additional reports. — 2 Excluding one-off payments and covenants (capital formation benefits, special payments, such as annual bonuses, holiday pay, Christmas bonuses

(13th monthly salary payment) and retirement provisions). — 3 Source: Federal Statistical Office; figures computed in August 2008.

**XI External sector**
**1 Major items of the balance of payments of the euro area \***

€ million

| Item  | 2005      | 2006      | 2007      | 2007     | 2008      |           |          |          |          |
|---|-----------|-----------|-----------|----------|-----------|-----------|----------|----------|----------|
|   |           |           |           | Q4       | Q1        | Q2        | May      | June     | July     |
| <b>A Current account</b>                            | + 18,146  | - 1,274   | + 26,568  | + 11,140 | - 15,190  | - 25,863  | - 19,592 | + 1,088  | - 1,099  |
| 1 Goods   |           |           |           |          |           |           |          |          |          |
| Exports (fob)                                       | 1,220,263 | 1,391,214 | 1,504,373 | 393,177  | 387,146   | 402,076   | 128,397  | 135,702  | 141,018  |
| Imports (fob)                                       | 1,171,985 | 1,372,001 | 1,448,810 | 383,445  | 390,076   | 398,017   | 131,669  | 132,616  | 140,103  |
| Balance   | + 48,278  | + 19,212  | + 55,561  | + 9,731  | - 2,930   | + 4,059   | - 3,272  | + 3,086  | + 915    |
| 2 Services  |           |           |           |          |           |           |          |          |          |
| Receipts  | 405,887   | 437,048   | 492,170   | 125,218  | 114,857   | 122,172   | 40,038   | 42,231   | 46,731   |
| Expenditure   | 368,541   | 394,759   | 441,282   | 114,925  | 104,200   | 110,052   | 35,957   | 37,222   | 40,790   |
| Balance   | + 37,350  | + 42,291  | + 50,889  | + 10,294 | + 10,658  | + 12,120  | + 4,081  | + 5,009  | + 5,941  |
| 3 Income  | + 5,446   | + 15,093  | + 4,193   | + 11,597 | + 6,111   | - 24,185  | - 15,558 | - 1,676  | - 388    |
| 4 Current transfers                                 |           |           |           |          |           |           |          |          |          |
| Transfers from non-residents                        | 85,849    | 89,178    | 90,148    | 27,127   | 25,868    | 20,509    | 6,845    | 6,156    | 4,625    |
| Transfers to non-residents                          | 158,776   | 167,049   | 174,221   | 47,607   | 54,897    | 38,365    | 11,688   | 11,487   | 12,192   |
| Balance   | - 72,927  | - 77,873  | - 84,075  | - 20,480 | - 29,027  | - 17,857  | - 4,843  | - 5,331  | - 7,567  |
| <b>B Capital account</b>                            | + 11,408  | + 9,208   | + 13,898  | + 5,589  | + 5,586   | + 2,102   | + 1,765  | - 201    | + 913    |
| <b>C Financial account (net capital exports: -)</b> | + 9,235   | + 112,369 | + 96,246  | - 80,509 | + 19,181  | + 76,152  | + 45,285 | + 12,660 | - 4,542  |
| 1 Direct investment                                 | - 216,419 | - 144,733 | - 117,278 | - 4,280  | - 104,835 | - 54,302  | - 8,774  | - 23,084 | - 14,488 |
| By resident units abroad                            | - 364,683 | - 345,992 | - 402,414 | - 78,936 | - 143,194 | - 22,588  | - 10,114 | - 31,270 | - 25,658 |
| By non-resident units in the euro area              | + 148,265 | + 201,260 | + 285,133 | + 74,655 | + 38,359  | - 31,713  | + 1,340  | + 8,186  | + 11,170 |
| 2 Portfolio investment                              | + 131,391 | + 266,277 | + 235,820 | - 62,278 | + 73,359  | + 70,458  | + 22,248 | + 51,939 | - 4,617  |
| By resident units abroad                            | - 412,624 | - 535,878 | - 426,600 | - 98,724 | - 46,477  | - 91,867  | - 53,708 | - 7,035  | - 14,209 |
| Equity  | - 134,235 | - 152,984 | - 52,951  | - 17,636 | + 47,278  | - 15,905  | - 11,973 | - 2,626  | - 5,927  |
| Bonds and notes                                     | - 261,313 | - 314,479 | - 319,354 | - 69,968 | - 27,148  | - 71,645  | - 35,413 | - 9,532  | + 2,382  |
| Money market instruments                            | - 17,078  | - 68,418  | - 54,294  | - 11,119 | - 66,607  | - 4,317   | - 6,322  | + 5,123  | - 10,664 |
| By non-resident units in the euro area              | + 544,015 | + 802,156 | + 662,417 | + 36,445 | + 119,836 | + 162,326 | + 75,957 | + 58,974 | + 9,592  |
| Equity  | + 255,274 | + 302,397 | + 188,197 | - 30,578 | + 45,514  | + 4,602   | + 18,529 | + 7,200  | + 6,261  |
| Bonds and notes                                     | + 235,580 | + 498,120 | + 421,078 | + 92,873 | + 68,033  | + 130,664 | + 72,580 | + 29,545 | - 967    |
| Money market instruments                            | + 53,160  | + 1,640   | + 53,147  | - 25,848 | + 6,290   | + 27,060  | - 15,152 | + 22,229 | + 4,298  |
| 3 Financial derivatives                             | - 18,196  | + 2,442   | - 90,538  | - 28,779 | - 14,922  | - 39,181  | - 29,597 | + 4,567  | + 2,161  |
| 4 Other investment                                  | + 94,460  | - 10,329  | + 73,500  | + 9,961  | + 70,652  | + 99,289  | + 58,656 | - 21,255 | + 14,058 |
| Eurosystem  | + 5,333   | + 15,235  | + 38,994  | + 34,073 | + 12,009  | + 28,779  | + 19,808 | + 2,473  | + 148    |
| General government                                  | + 2,545   | + 3,931   | + 9,822   | - 3,001  | + 5,030   | - 8,897   | - 5,452  | - 1,297  | + 11,534 |
| MFIs (excluding the Eurosystem)                     | + 90,504  | - 25,355  | + 78,846  | - 6,315  | + 66,171  | + 81,741  | + 35,538 | - 20,227 | + 8,008  |
| Long-term   | - 43,253  | - 49,254  | - 126,703 | - 47,092 | - 46,690  | - 48,772  | - 14,800 | - 19,202 | - 22,285 |
| Short-term  | + 133,753 | + 23,895  | + 205,548 | + 40,775 | + 112,860 | + 130,513 | + 50,338 | - 1,025  | + 30,293 |
| Other sectors                                       | - 3,919   | - 4,137   | - 54,160  | - 14,794 | - 12,557  | - 2,334   | + 8,762  | - 2,205  | - 5,633  |
| 5 Reserve assets (Increase: -)                      | + 17,998  | - 1,288   | - 5,251   | + 4,869  | - 5,073   | - 114     | + 2,750  | + 493    | - 1,655  |
| <b>D Errors and omissions</b>                       | - 38,789  | - 120,302 | - 136,715 | + 63,779 | - 9,578   | - 52,392  | - 27,457 | - 13,548 | + 4,728  |

\* Source: European Central Bank.



2 Major items of the balance of payments of the Federal Republic of Germany  
(balances)

| Period     | Current account            |                 |                             |            |          |                   | Capital transfers and acquisition/disposal of non-produced non-financial assets | Financial account |  |          | Errors and Omissions |
|------------|----------------------------|-----------------|-----------------------------|------------|----------|-------------------|---|-------------------|--|----------|----------------------|
|            | Balance on current account | Foreign trade 1 | Supplementary trade items 2 | Services 3 | Income   | Current transfers |   | Total 4           | of which Change in reserve assets at transaction value 5 |          |                      |
| DM million |                            |                 |                             |            |          |                   |   |                   |  |          |                      |
| 1994       | - 49,418                   | + 71,762        | - 1,318                     | - 62,803   | + 2,393  | - 59,451          | - 2,637   | + 60,708          | + 2,846  | - 8,653  |                      |
| 1995       | - 42,363                   | + 85,303        | - 4,294                     | - 63,985   | - 3,975  | - 55,413          | - 3,845   | + 50,117          | - 10,355   | - 3,909  |                      |
| 1996       | - 21,086                   | + 98,538        | - 4,941                     | - 64,743   | + 1,052  | - 50,991          | - 3,283   | + 24,290          | + 1,882  | + 79     |                      |
| 1997       | - 17,336                   | + 116,467       | - 7,875                     | - 68,692   | - 4,740  | - 52,496          | + 52  | + 6,671           | + 6,640  | + 10,613 |                      |
| 1998       | - 28,696                   | + 126,970       | - 8,917                     | - 75,053   | - 18,635 | - 53,061          | + 1,289   | + 25,683          | - 7,128  | + 1,724  |                      |
| 1999       | - 49,241                   | + 127,542       | - 15,947                    | - 90,036   | - 22,325 | - 48,475          | - 301   | + 20,332          | + 24,517   | + 69,874 |                      |
| 2000       | - 68,913                   | + 115,645       | - 17,742                    | - 95,848   | - 16,302 | - 54,666          | + 13,345  | + 66,863          | + 11,429   | - 11,294 |                      |
| 2001       | + 830                      | + 186,771       | - 14,512                    | - 97,521   | - 21,382 | - 52,526          | - 756   | - 23,068          | + 11,797   | + 22,994 |                      |
| € million  |                            |                 |                             |            |          |                   |   |                   |  |          |                      |
| 1999       | - 25,177                   | + 65,211        | - 8,153                     | - 46,035   | - 11,415 | - 24,785          | - 154   | - 10,396          | + 12,535   | + 35,726 |                      |
| 2000       | - 35,235                   | + 59,128        | - 9,071                     | - 49,006   | - 8,335  | - 27,950          | + 6,823   | + 34,187          | + 5,844  | - 5,775  |                      |
| 2001       | + 424                      | + 95,495        | - 7,420                     | - 49,862   | - 10,932 | - 26,856          | - 387   | - 11,794          | + 6,032  | + 11,757 |                      |
| 2002       | + 42,976                   | + 132,788       | - 8,552                     | - 35,728   | - 18,019 | - 27,514          | - 212   | - 38,448          | + 2,065  | - 4,316  |                      |
| 2003       | + 41,398                   | + 129,921       | - 11,142                    | - 34,497   | - 15,067 | - 27,817          | + 311   | - 61,758          | + 445  | + 20,049 |                      |
| 2004       | + 102,889                  | + 156,096       | - 16,447                    | - 29,341   | + 20,431 | - 27,849          | + 435   | - 122,984         | + 1,470  | + 19,660 |                      |
| 2005       | + 116,606                  | + 158,179       | - 13,761                    | - 24,914   | + 25,687 | - 28,585          | - 1,248   | - 130,725         | + 2,182  | + 15,367 |                      |
| 2006       | + 141,490                  | + 159,048       | - 12,722                    | - 15,556   | + 37,616 | - 26,895          | - 175   | - 151,113         | + 2,934  | + 9,798  |                      |
| 2007       | + 184,071                  | + 198,640       | - 9,430                     | - 16,427   | + 41,966 | - 30,678          | + 224   | - 235,930         | - 953  | + 51,635 |                      |
| 2005 Q3    | + 25,081                   | + 40,695        | - 3,390                     | - 11,634   | + 7,007  | - 7,597           | + 81  | - 12,934          | - 783  | - 12,228 |                      |
| Q4         | + 32,712                   | + 33,619        | - 3,968                     | - 3,005    | + 9,404  | - 3,337           | + 56  | - 36,044          | + 1,916  | + 3,276  |                      |
| 2006 Q1    | + 30,284                   | + 39,564        | - 3,709                     | - 4,921    | + 9,538  | - 10,188          | + 152   | - 38,743          | + 1,082  | + 8,307  |                      |
| Q2         | + 30,345                   | + 34,873        | - 2,508                     | - 1,752    | + 4,645  | - 4,913           | + 11  | - 66,246          | + 367  | + 35,890 |                      |
| Q3         | + 29,418                   | + 38,718        | - 2,974                     | - 9,386    | + 11,201 | - 8,141           | - 236   | - 20,662          | + 844  | - 8,519  |                      |
| Q4         | + 51,443                   | + 45,892        | - 3,530                     | + 503      | + 12,231 | - 3,653           | - 102   | - 25,462          | + 642  | - 25,879 |                      |
| 2007 Q1    | + 46,433                   | + 49,383        | - 2,521                     | - 2,509    | + 13,007 | - 10,927          | + 157   | - 52,857          | + 100  | + 6,267  |                      |
| Q2         | + 41,784                   | + 49,388        | - 2,232                     | - 1,973    | + 1,473  | - 4,873           | + 419   | - 85,581          | - 1,359  | + 43,378 |                      |
| Q3         | + 42,298                   | + 50,637        | - 2,560                     | - 9,708    | + 12,969 | - 9,040           | + 317   | - 22,243          | - 343  | - 20,372 |                      |
| Q4         | + 53,556                   | + 49,232        | - 2,116                     | - 2,238    | + 14,518 | - 5,840           | - 669   | - 75,249          | + 657  | + 22,362 |                      |
| 2008 Q1    | + 48,339                   | + 50,582        | - 2,304                     | - 1,483    | + 13,075 | - 11,530          | + 518   | - 66,298          | - 1,165  | + 17,441 |                      |
| Q2         | + 41,976                   | + 52,974        | - 2,692                     | - 3,738    | - 264    | - 4,305           | + 322   | - 81,405          | - 889  | + 39,107 |                      |
| 2006 Mar   | + 11,188                   | + 14,373        | - 1,559                     | - 2,196    | + 3,053  | - 2,483           | - 138   | - 12,441          | - 426  | + 1,392  |                      |
| Apr        | + 10,522                   | + 10,772        | - 472                       | - 431      | + 2,888  | - 2,236           | - 144   | - 23,608          | + 1,475  | + 13,230 |                      |
| May        | + 6,589                    | + 12,079        | - 1,224                     | - 936      | - 2,238  | - 1,091           | - 277   | - 23,197          | + 1,067  | + 16,885 |                      |
| June       | + 13,234                   | + 12,022        | - 812                       | - 385      | + 3,995  | - 1,586           | + 432   | - 19,441          | - 41   | + 5,775  |                      |
| July       | + 9,181                    | + 12,527        | - 1,383                     | - 2,523    | + 3,510  | - 2,949           | - 215   | + 7,068           | - 332  | - 16,034 |                      |
| Aug        | + 7,611                    | + 10,943        | - 607                       | - 3,862    | + 3,483  | - 2,347           | + 149   | - 9,889           | + 698  | + 2,129  |                      |
| Sep        | + 12,626                   | + 15,248        | - 984                       | - 3,001    | + 4,208  | - 2,845           | - 170   | - 17,841          | + 478  | + 5,385  |                      |
| Oct        | + 15,484                   | + 16,962        | - 1,159                     | - 992      | + 3,913  | - 3,239           | + 5   | + 437             | + 401  | - 15,927 |                      |
| Nov        | + 17,705                   | + 18,133        | - 1,239                     | - 539      | + 4,075  | - 2,725           | - 75  | - 15,702          | - 102  | - 1,928  |                      |
| Dec        | + 18,254                   | + 10,798        | - 1,132                     | + 2,034    | + 4,243  | + 2,311           | - 32  | - 10,197          | + 342  | - 8,025  |                      |
| 2007 Jan   | + 14,380                   | + 16,351        | - 890                       | - 2,493    | + 3,320  | - 1,909           | + 244   | - 1               | - 458  | - 14,622 |                      |
| Feb        | + 11,377                   | + 14,337        | - 694                       | - 288      | + 4,606  | - 6,584           | + 18  | - 26,790          | + 566  | + 15,395 |                      |
| Mar        | + 20,676                   | + 18,695        | - 937                       | + 272      | + 5,080  | - 2,433           | - 106   | - 26,065          | - 8  | + 5,495  |                      |
| Apr        | + 13,379                   | + 15,182        | - 557                       | - 206      | + 898    | - 1,938           | + 190   | - 19,468          | - 1,215  | + 5,899  |                      |
| May        | + 10,316                   | + 17,477        | - 1,210                     | - 1,435    | - 3,739  | - 777             | + 298   | - 29,993          | - 657  | + 19,379 |                      |
| June       | + 18,088                   | + 16,729        | - 465                       | - 331      | + 4,313  | - 2,158           | - 69  | - 36,120          | + 513  | + 18,100 |                      |
| July       | + 15,223                   | + 18,131        | - 945                       | - 2,978    | + 4,011  | - 2,997           | + 377   | - 6,478           | + 121  | - 9,122  |                      |
| Aug        | + 10,036                   | + 14,261        | - 779                       | - 4,810    | + 4,332  | - 2,968           | - 50  | + 2,663           | - 21   | - 12,649 |                      |
| Sep        | + 17,039                   | + 18,245        | - 836                       | - 1,920    | + 4,625  | - 3,075           | - 10  | - 18,429          | - 447  | + 1,399  |                      |
| Oct        | + 15,437                   | + 19,060        | - 761                       | - 2,413    | + 4,617  | - 5,066           | - 9   | - 29,798          | + 309  | + 14,369 |                      |
| Nov        | + 21,395                   | + 19,512        | - 694                       | - 345      | + 4,627  | - 1,705           | - 220   | - 23,107          | + 339  | + 1,931  |                      |
| Dec        | + 16,723                   | + 10,660        | - 662                       | + 520      | + 5,274  | + 931             | - 440   | - 22,345          | + 5  | + 6,061  |                      |
| 2008 Jan   | + 14,686                   | + 17,118        | - 896                       | - 1,113    | + 3,088  | - 3,511           | + 446   | - 4,110           | - 311  | - 11,022 |                      |
| Feb        | + 16,104                   | + 16,888        | - 626                       | + 274      | + 4,595  | - 5,027           | + 217   | - 31,946          | - 349  | + 15,624 |                      |
| Mar        | + 17,549                   | + 16,575        | - 781                       | - 645      | + 5,392  | - 2,993           | - 146   | - 30,242          | - 504  | + 12,839 |                      |
| Apr        | + 15,453                   | + 18,790        | - 723                       | - 118      | - 634    | - 1,862           | - 64  | - 14,213          | - 1,089  | - 1,176  |                      |
| May        | + 7,656                    | + 14,282        | - 1,245                     | - 1,846    | - 3,199  | - 336             | + 407   | - 29,696          | + 913  | + 21,633 |                      |
| June       | + 18,867                   | + 19,902        | - 724                       | - 1,775    | + 3,569  | - 2,106           | - 21  | - 37,496          | - 713  | + 18,650 |                      |
| July       | + 11,894                   | + 13,764        | - 768                       | - 2,549    | + 4,082  | - 2,635           | - 123   | + 2,258           | + 1,225  | + 14,029 |                      |
| Aug P      | + 7,337                    | + 10,636        | - 919                       | - 4,004    | + 4,224  | - 2,600           | - 48  | - 2,751           | - 82   | - 4,538  |                      |

1 Special trade according to the official foreign trade statistics: imports cif, exports fob. From January 2007 onwards, excluding supplies of goods for/after repair/maintenance, which, up to December 2006, were deducted via supplementary trade items. — 2 Inter alia warehouse transactions for

the account of residents and deduction of goods returned. — 3 Excluding the expenditure on freight and insurance included in the cif import figure. — 4 Financial account balance including change in reserve assets. Capital exports: - - — 5 Increase: - -

XI External sector

3 Foreign trade (special trade) of the Federal Republic of Germany,  
by country and group of countries \*

€ million

| Country / group of countries             |         | 2005      | 2006      | 2007      | 2008      |          |          |          |          |          |
|--|---------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|
|  |         |           |           |           | Jan / Jul | Apr      | May      | Jun      | Jul      | Aug P    |
| All countries 1                          | Exports | 786,266   | 893,042   | 969,049   | 598,153   | 89,721   | 80,663   | 88,284   | 86,996   | 75,696   |
|  | Imports | 628,087   | 733,994   | 770,410   | 480,833   | 70,931   | 66,381   | 68,382   | 73,232   | 65,060   |
|  | Balance | + 158,179 | + 159,048 | + 198,640 | + 117,320 | + 18,790 | + 14,282 | + 19,902 | + 13,764 | + 10,636 |
| I European countries                     | Exports | 581,611   | 657,325   | 730,245   | 450,205   | 67,857   | 61,177   | 66,266   | 64,541   | ...      |
|  | Imports | 443,508   | 512,568   | 551,074   | 346,524   | 51,401   | 48,152   | 49,385   | 52,748   | ...      |
|  | Balance | + 138,103 | + 144,757 | + 179,171 | + 103,682 | + 16,457 | + 13,025 | + 16,881 | + 11,793 | ...      |
| 1 EU member states (27)                  | Exports | 505,716   | 564,864   | 627,524   | 384,870   | 57,958   | 52,373   | 56,453   | 54,787   | ...      |
|  | Imports | 371,136   | 423,731   | 459,892   | 284,834   | 42,196   | 39,674   | 41,168   | 42,404   | ...      |
|  | Balance | + 134,580 | + 141,133 | + 167,632 | + 100,035 | + 15,762 | + 12,699 | + 15,285 | + 12,382 | ...      |
| Euro-area (15)<br>countries              | Exports | 343,843   | 377,640   | 416,139   | 254,466   | 38,451   | 34,422   | 37,162   | 35,887   | ...      |
|  | Imports | 249,043   | 285,758   | 306,342   | 190,402   | 28,053   | 26,473   | 27,159   | 28,946   | ...      |
|  | Balance | + 94,800  | + 91,882  | + 109,797 | + 64,063  | + 10,398 | + 7,949  | + 10,002 | + 6,940  | ...      |
| of which                                 |         |           |           |           |           |          |          |          |          |          |
| Austria                                  | Exports | 43,305    | 49,512    | 52,763    | 31,867    | 4,824    | 4,397    | 4,683    | 4,520    | ...      |
|  | Imports | 26,048    | 30,301    | 32,753    | 19,787    | 2,922    | 2,774    | 3,023    | 2,909    | ...      |
|  | Balance | + 17,256  | + 19,211  | + 20,009  | + 12,079  | + 1,902  | + 1,623  | + 1,660  | + 1,611  | ...      |
| Belgium and<br>Luxembourg                | Exports | 47,512    | 51,141    | 56,013    | 34,131    | 5,038    | 4,536    | 4,969    | 4,912    | ...      |
|  | Imports | 31,426    | 36,263    | 42,079    | 25,971    | 3,824    | 3,716    | 3,901    | 3,924    | ...      |
|  | Balance | + 16,085  | + 14,878  | + 13,934  | + 8,160   | + 1,215  | + 820    | + 1,069  | + 988    | ...      |
| France                                   | Exports | 79,039    | 85,006    | 93,861    | 58,482    | 8,977    | 7,586    | 8,718    | 8,060    | ...      |
|  | Imports | 53,700    | 62,102    | 64,912    | 40,523    | 6,283    | 5,296    | 5,662    | 6,395    | ...      |
|  | Balance | + 25,339  | + 22,904  | + 28,949  | + 17,958  | + 2,694  | + 2,290  | + 3,055  | + 1,665  | ...      |
| Italy                                    | Exports | 53,855    | 59,348    | 65,148    | 39,379    | 6,060    | 5,365    | 5,808    | 5,630    | ...      |
|  | Imports | 36,348    | 41,470    | 44,347    | 27,899    | 4,107    | 3,953    | 4,024    | 4,386    | ...      |
|  | Balance | + 17,507  | + 17,878  | + 20,801  | + 11,480  | + 1,953  | + 1,412  | + 1,784  | + 1,245  | ...      |
| Netherlands                              | Exports | 49,033    | 56,531    | 62,373    | 39,153    | 5,721    | 5,325    | 5,719    | 5,627    | ...      |
|  | Imports | 51,823    | 60,750    | 64,328    | 41,440    | 5,836    | 5,923    | 5,741    | 6,164    | ...      |
|  | Balance | - 2,789   | - 4,219   | - 1,954   | - 2,288   | - 115    | - 598    | - 23     | - 537    | ...      |
| Spain                                    | Exports | 40,018    | 41,775    | 48,158    | 28,438    | 4,356    | 4,011    | 3,968    | 3,951    | ...      |
|  | Imports | 18,070    | 19,832    | 21,143    | 13,532    | 2,010    | 1,963    | 1,874    | 1,905    | ...      |
|  | Balance | + 21,948  | + 21,943  | + 27,015  | + 14,906  | + 2,346  | + 2,048  | + 2,094  | + 2,046  | ...      |
| Other EU member<br>states                | Exports | 161,873   | 187,224   | 211,385   | 130,404   | 19,507   | 17,951   | 19,292   | 18,900   | ...      |
|  | Imports | 122,093   | 137,973   | 153,550   | 94,432    | 14,143   | 13,201   | 14,009   | 13,458   | ...      |
|  | Balance | + 39,780  | + 49,251  | + 57,835  | + 35,972  | + 5,364  | + 4,750  | + 5,283  | + 5,442  | ...      |
| of which                                 |         |           |           |           |           |          |          |          |          |          |
| United<br>Kingdom                        | Exports | 60,394    | 64,726    | 70,999    | 41,364    | 6,012    | 5,268    | 6,024    | 6,332    | ...      |
|  | Imports | 39,069    | 40,832    | 43,410    | 25,993    | 4,063    | 3,537    | 4,009    | 3,582    | ...      |
|  | Balance | + 21,325  | + 23,895  | + 27,589  | + 15,371  | + 1,949  | + 1,731  | + 2,015  | + 2,750  | ...      |
| 2 Other European<br>countries            | Exports | 75,895    | 92,461    | 102,721   | 65,336    | 9,899    | 8,804    | 9,812    | 9,754    | ...      |
|  | Imports | 72,372    | 88,837    | 91,181    | 61,690    | 9,205    | 8,478    | 8,216    | 10,343   | ...      |
|  | Balance | + 3,523   | + 3,625   | + 11,540  | + 3,646   | + 694    | + 326    | + 1,596  | - 589    | ...      |
| of which                                 |         |           |           |           |           |          |          |          |          |          |
| Switzerland                              | Exports | 29,629    | 34,782    | 36,355    | 22,838    | 3,475    | 3,113    | 3,295    | 3,280    | ...      |
|  | Imports | 22,620    | 25,227    | 29,785    | 18,549    | 2,803    | 2,529    | 2,654    | 2,965    | ...      |
|  | Balance | + 7,009   | + 9,556   | + 6,570   | + 4,289   | + 672    | + 584    | + 641    | + 315    | ...      |
| II Non-European<br>countries             | Exports | 203,229   | 234,139   | 237,224   | 146,886   | 21,770   | 19,395   | 21,916   | 22,164   | ...      |
|  | Imports | 183,940   | 220,745   | 220,770   | 133,889   | 19,468   | 18,171   | 18,940   | 20,419   | ...      |
|  | Balance | + 19,289  | + 13,393  | + 16,454  | + 12,997  | + 2,302  | + 1,223  | + 2,976  | + 1,745  | ...      |
| 1 Africa                                 | Exports | 14,807    | 16,617    | 17,588    | 11,470    | 1,740    | 1,576    | 1,707    | 1,786    | ...      |
|  | Imports | 13,762    | 16,734    | 15,682    | 12,390    | 1,958    | 1,834    | 1,789    | 1,891    | ...      |
|  | Balance | + 1,045   | - 117     | + 1,905   | - 920     | - 219    | - 258    | - 82     | - 104    | ...      |
| 2 America                                | Exports | 91,994    | 104,154   | 100,797   | 60,392    | 8,774    | 7,862    | 9,295    | 8,646    | ...      |
|  | Imports | 58,574    | 72,163    | 70,354    | 42,035    | 6,397    | 5,802    | 6,167    | 6,528    | ...      |
|  | Balance | + 33,420  | + 31,991  | + 30,443  | + 18,356  | + 2,377  | + 2,060  | + 3,128  | + 2,118  | ...      |
| of which                                 |         |           |           |           |           |          |          |          |          |          |
| United States                            | Exports | 69,299    | 77,991    | 73,356    | 42,704    | 6,216    | 5,195    | 6,664    | 5,898    | ...      |
|  | Imports | 41,798    | 49,197    | 45,626    | 26,724    | 4,145    | 3,618    | 3,938    | 4,079    | ...      |
|  | Balance | + 27,501  | + 28,795  | + 27,730  | + 15,980  | + 2,070  | + 1,577  | + 2,726  | + 1,820  | ...      |
| 3 Asia                                   | Exports | 90,498    | 106,991   | 111,851   | 70,601    | 10,612   | 9,367    | 10,266   | 10,993   | ...      |
|  | Imports | 109,304   | 128,942   | 132,108   | 77,957    | 10,915   | 10,304   | 10,769   | 11,775   | ...      |
|  | Balance | - 18,805  | - 21,951  | - 20,257  | - 7,357   | - 303    | - 936    | - 503    | - 783    | ...      |
| of which                                 |         |           |           |           |           |          |          |          |          |          |
| Middle East                              | Exports | 20,420    | 22,978    | 23,759    | 15,203    | 2,480    | 1,873    | 2,161    | 2,383    | ...      |
|  | Imports | 5,077     | 6,295     | 6,479     | 4,683     | 668      | 601      | 737      | 932      | ...      |
|  | Balance | + 15,343  | + 16,682  | + 17,280  | + 10,521  | + 1,812  | + 1,272  | + 1,424  | + 1,451  | ...      |
| Japan                                    | Exports | 13,338    | 13,886    | 13,075    | 7,642     | 1,095    | 1,018    | 1,057    | 1,103    | ...      |
|  | Imports | 21,772    | 24,016    | 24,082    | 13,539    | 2,059    | 1,732    | 1,867    | 1,790    | ...      |
|  | Balance | - 8,434   | - 10,130  | - 11,006  | - 5,896   | - 963    | - 714    | - 810    | - 687    | ...      |
| People's Republic<br>of China 2          | Exports | 21,235    | 27,478    | 29,923    | 20,056    | 3,003    | 2,834    | 3,133    | 3,214    | ...      |
|  | Imports | 40,845    | 49,958    | 54,649    | 31,949    | 4,303    | 4,243    | 4,423    | 5,115    | ...      |
|  | Balance | - 19,610  | - 22,479  | - 24,726  | - 11,893  | - 1,299  | - 1,410  | - 1,289  | - 1,901  | ...      |
| Emerging markets<br>in South-East Asia 3 | Exports | 27,538    | 31,619    | 32,298    | 19,988    | 2,891    | 2,592    | 2,765    | 3,144    | ...      |
|  | Imports | 31,520    | 36,113    | 33,222    | 18,739    | 2,582    | 2,573    | 2,490    | 2,540    | ...      |
|  | Balance | - 3,982   | - 4,494   | - 924     | + 1,248   | + 309    | + 19     | + 276    | + 604    | ...      |
| 4 Oceania and<br>polar regions           | Exports | 5,930     | 6,377     | 6,988     | 4,424     | 644      | 590      | 648      | 739      | ...      |
|  | Imports | 2,301     | 2,906     | 2,625     | 1,506     | 198      | 232      | 215      | 225      | ...      |
|  | Balance | + 3,629   | + 3,471   | + 4,363   | + 2,917   | + 446    | + 358    | + 433    | + 514    | ...      |

\* Source: Federal Statistical Office. Exports (fob) by country of destination, imports (cif) by country of origin. Individual countries and groups of countries according to the current position. — 1 Including fuel and other supplies for ships and aircraft and other data not classifiable by

region. Excluding repair and maintenance operations from January 2007 onwards. — 2 Excluding Hong Kong. — 3 Brunei Darussalam, Hong Kong, Indonesia, Malaysia, Philippines, Republic of Korea, Singapore, Taiwan and Thailand.

4 Services and income of the Federal Republic of Germany  
(balances)

€ million

| Period   | Services |          |                  |                    |                      |                       |         | Other services                      |   |         | Compensation of employees 5 | Investment income |
|----------|----------|----------|------------------|--------------------|----------------------|-----------------------|---------|-------------------------------------|---|---------|-----------------------------|-------------------|
|          | Total    | Travel 1 | Transportation 2 | Financial services | Patents and licences | Government services 3 | Total   | of which                            |   |         |                             |                   |
|          |          |          |                  |                    |                      |                       |         | Services of self-employed persons 4 | Construction and assembly work, repairs |         |                             |                   |
|          |          |          |                  |                    |                      |                       |         |                                     |   |         |                             |                   |
| 2003     | - 34,497 | - 37,332 | + 1,833          | + 1,421            | - 747                | + 5,088               | - 4,761 | - 1,836                             | + 1,476                                 | - 1,182 | - 13,885                    |                   |
| 2004     | - 29,341 | - 35,302 | + 3,870          | + 1,328            | - 260                | + 5,349               | - 4,325 | - 1,363                             | + 986                                   | - 989   | + 21,420                    |                   |
| 2005     | - 24,914 | - 36,317 | + 6,245          | + 1,678            | - 474                | + 3,688               | + 267   | - 1,636                             | + 3,076                                 | - 1,376 | + 27,063                    |                   |
| 2006     | - 15,556 | - 32,771 | + 5,015          | + 2,229            | - 1,446              | + 3,680               | + 7,737 | - 1,807                             | + 3,715                                 | - 956   | + 38,572                    |                   |
| 2007     | - 16,427 | - 34,331 | + 6,265          | + 2,987            | - 1,709              | + 3,211               | + 7,151 | - 1,994                             | + 2,365                                 | - 602   | + 42,568                    |                   |
| 2006 Q4  | + 503    | - 5,116  | + 1,368          | + 866              | - 214                | + 963                 | + 2,635 | - 530                               | + 1,168                                 | - 257   | + 12,488                    |                   |
| 2007 Q1  | - 2,509  | - 5,479  | + 1,243          | + 734              | - 756                | + 770                 | + 979   | - 350                               | + 425                                   | + 335   | + 12,672                    |                   |
| Q2       | - 1,973  | - 8,213  | + 1,753          | + 786              | - 189                | + 872                 | + 3,019 | - 463                               | + 694                                   | - 151   | + 1,624                     |                   |
| Q3       | - 9,708  | - 14,645 | + 1,721          | + 664              | - 399                | + 839                 | + 2,113 | - 453                               | + 729                                   | - 640   | + 13,608                    |                   |
| Q4       | - 2,238  | - 5,994  | + 1,548          | + 803              | - 365                | + 730                 | + 1,040 | - 729                               | + 518                                   | - 147   | + 14,665                    |                   |
| 2008 Q1  | - 1,483  | - 5,824  | + 1,582          | + 1,014            | - 428                | + 794                 | + 1,380 | - 427                               | + 326                                   | + 316   | + 12,759                    |                   |
| Q2       | - 3,738  | - 8,128  | + 1,903          | + 685              | - 190                | + 912                 | + 1,081 | - 336                               | + 439                                   | - 196   | - 67                        |                   |
| 2007 Oct | - 2,413  | - 3,247  | + 622            | + 206              | - 462                | + 264                 | + 205   | - 194                               | + 267                                   | - 56    | + 4,673                     |                   |
| Nov      | - 345    | - 1,577  | + 488            | + 64               | + 193                | + 238                 | + 250   | - 251                               | + 129                                   | - 74    | + 4,701                     |                   |
| Dec      | + 520    | - 1,169  | + 438            | + 534              | - 95                 | + 227                 | + 585   | - 284                               | + 122                                   | - 17    | + 5,291                     |                   |
| 2008 Jan | - 1,113  | - 1,518  | + 403            | + 423              | - 253                | + 241                 | - 409   | - 178                               | + 56                                    | + 100   | + 2,988                     |                   |
| Feb      | + 274    | - 1,578  | + 711            | + 376              | + 56                 | + 255                 | + 455   | - 125                               | + 81                                    | + 107   | + 4,488                     |                   |
| Mar      | - 645    | - 2,728  | + 468            | + 215              | - 232                | + 299                 | + 1,334 | - 125                               | + 189                                   | + 109   | + 5,284                     |                   |
| Apr      | - 118    | - 1,917  | + 685            | + 273              | - 225                | + 327                 | + 740   | - 118                               | + 113                                   | - 70    | - 564                       |                   |
| May      | - 1,846  | - 2,902  | + 562            | + 209              | + 13                 | + 316                 | - 44    | - 107                               | + 67                                    | - 58    | - 3,141                     |                   |
| June     | - 1,775  | - 3,310  | + 656            | + 204              | + 22                 | + 268                 | + 385   | - 110                               | + 258                                   | - 68    | + 3,637                     |                   |
| July     | - 2,549  | - 4,728  | + 823            | + 251              | - 441                | + 316                 | + 1,230 | - 140                               | + 189                                   | - 209   | + 4,291                     |                   |
| Aug      | - 4,004  | - 5,775  | + 561            | + 86               | - 74                 | + 272                 | + 926   | - 74                                | + 247                                   | - 231   | + 4,454                     |                   |

1 From January 2001, figures subject to significant uncertainty. — 2 Excluding the expenditure on freight included in the cif import figure. — 3 Including the receipts from foreign military agencies for goods and ser-

vices supplied. — 4 Engineering and other technical services, research and development, commercial services, etc. — 5 Wages and salaries.

5 Current transfers of the Federal Republic of Germany  
(balances)

€ million

| Period   | Public 1 |          |                               |                               |                           | Private 1 |                      |                         | Total 4 | Public 1 | Private 1 |
|----------|----------|----------|-------------------------------|-------------------------------|---------------------------|-----------|----------------------|-------------------------|---------|----------|-----------|
|          | Total    | Total    | International organisations 2 |                               | Other current transfers 3 | Total     | Workers' remittances | Other current transfers |         |          |           |
|          |          |          | Total                         | of which European Communities |                           |           |                      |                         |         |          |           |
|          |          |          |                               |                               |                           |           |                      |                         |         |          |           |
| 2003     | - 27,817 | - 17,791 | - 14,962                      | - 13,265                      | - 2,829                   | - 10,026  | - 3,332              | - 6,694                 | + 311   | - 1,238  | + 1,549   |
| 2004     | - 27,849 | - 16,694 | - 14,249                      | - 12,672                      | - 2,444                   | - 11,156  | - 3,180              | - 7,976                 | + 435   | - 1,095  | + 1,529   |
| 2005     | - 28,585 | - 17,609 | - 16,266                      | - 14,689                      | - 1,343                   | - 10,976  | - 2,926              | - 8,050                 | - 1,248 | - 3,419  | + 2,172   |
| 2006     | - 26,895 | - 14,443 | - 14,912                      | - 13,384                      | + 469                     | - 12,452  | - 2,927              | - 9,525                 | - 175   | - 1,924  | + 1,749   |
| 2007     | - 30,678 | - 16,138 | - 18,569                      | - 16,910                      | + 2,432                   | - 14,541  | - 3,005              | - 11,536                | + 224   | - 2,037  | + 2,261   |
| 2006 Q4  | - 3,653  | - 384    | + 159                         | + 636                         | - 543                     | - 3,269   | - 732                | - 2,537                 | - 102   | - 528    | + 426     |
| 2007 Q1  | - 10,927 | - 7,665  | - 7,136                       | - 6,533                       | - 529                     | - 3,261   | - 751                | - 2,510                 | + 157   | - 292    | + 448     |
| Q2       | - 4,873  | - 88     | - 3,768                       | - 3,353                       | + 3,680                   | - 4,785   | - 751                | - 4,034                 | + 419   | - 328    | + 747     |
| Q3       | - 9,040  | - 5,720  | - 5,509                       | - 5,213                       | - 211                     | - 3,320   | - 751                | - 2,568                 | + 317   | - 323    | + 640     |
| Q4       | - 5,840  | - 2,665  | - 2,156                       | - 1,810                       | - 508                     | - 3,175   | - 751                | - 2,424                 | - 669   | - 1,095  | + 426     |
| 2008 Q1  | - 11,530 | - 8,469  | - 8,281                       | - 7,653                       | - 189                     | - 3,061   | - 756                | - 2,305                 | + 518   | - 271    | + 789     |
| Q2       | - 4,305  | - 789    | - 4,771                       | - 4,308                       | + 3,981                   | - 3,515   | - 756                | - 2,759                 | + 322   | - 363    | + 684     |
| 2007 Oct | - 5,066  | - 3,862  | - 3,588                       | - 3,463                       | - 274                     | - 1,204   | - 250                | - 953                   | - 9     | - 110    | + 101     |
| Nov      | - 1,705  | - 797    | - 503                         | - 408                         | - 295                     | - 908     | - 250                | - 657                   | - 220   | - 498    | + 277     |
| Dec      | + 931    | + 1,995  | + 1,934                       | + 2,061                       | + 61                      | - 1,064   | - 250                | - 813                   | - 440   | - 487    | + 47      |
| 2008 Jan | - 3,511  | - 2,468  | - 2,502                       | - 2,282                       | + 34                      | - 1,043   | - 252                | - 791                   | + 446   | - 107    | + 553     |
| Feb      | - 5,027  | - 3,985  | - 3,653                       | - 3,342                       | - 332                     | - 1,042   | - 252                | - 790                   | + 217   | - 84     | + 302     |
| Mar      | - 2,993  | - 2,017  | - 2,126                       | - 2,029                       | + 110                     | - 976     | - 252                | - 724                   | - 146   | - 80     | - 65      |
| Apr      | - 1,862  | - 710    | - 2,202                       | - 2,037                       | + 1,492                   | - 1,152   | - 252                | - 900                   | - 64    | - 122    | + 58      |
| May      | - 336    | + 970    | - 1,211                       | - 1,174                       | + 2,181                   | - 1,306   | - 252                | - 1,054                 | + 407   | - 111    | + 518     |
| June     | - 2,106  | - 1,049  | - 1,357                       | - 1,097                       | + 309                     | - 1,057   | - 252                | - 805                   | - 21    | - 130    | + 109     |
| July     | - 2,635  | - 1,569  | - 1,442                       | - 1,250                       | - 127                     | - 1,067   | - 252                | - 815                   | - 123   | - 148    | + 26      |
| Aug      | - 2,600  | - 1,623  | - 1,393                       | - 1,265                       | - 230                     | - 977     | - 252                | - 725                   | - 48    | - 105    | + 57      |

1 The classification of "public" and "private" transfers depends on the sector to which the participating domestic body belongs. — 2 Current contributions to the budgets of international organisations and to the EU budget

(excluding capital transfers). — 3 Payments to developing countries, pension payments, tax revenue and refunds, etc. — 4 Where identifiable; in particular, debt forgiveness.

## XI External sector

## 7 Financial account of the Federal Republic of Germany

€ million

| Item   | 2005      | 2006      | 2007      | 2007      |           | 2008      |          |          |          |          |
|--|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|
|  |           |           |           | Q3        | Q4        | Q1        | Q2       | June     | July     | Aug      |
| <b>I Net German investment abroad</b><br>(Increase/capital exports: -)       | - 392,981 | - 451,654 | - 661,282 | - 157,457 | - 129,960 | - 212,742 | - 77,432 | - 28,386 | + 12,914 | - 15,474 |
| 1 Direct investment 1  | - 55,384  | - 75,489  | - 124,123 | - 35,568  | - 43,525  | - 41,466  | - 36,343 | - 20,192 | - 3,132  | - 2,966  |
| Equity capital   | - 24,715  | - 56,876  | - 47,152  | - 4,590   | - 23,674  | - 15,833  | - 22,619 | - 10,708 | - 3,787  | - 1,391  |
| Reinvested earnings 2  | - 19,039  | - 24,252  | - 30,193  | - 9,102   | - 8,725   | - 9,012   | - 6,902  | - 1,730  | - 3,274  | - 3,797  |
| Other capital transactions<br>of German direct investors                     | - 11,630  | + 5,638   | - 46,778  | - 21,876  | - 11,126  | - 16,622  | - 6,822  | - 7,755  | + 3,929  | + 2,222  |
| 2 Portfolio investment   | - 204,948 | - 161,339 | - 133,334 | - 1,997   | - 9,579   | - 31,580  | - 17,001 | - 12,430 | - 1,047  | + 392    |
| Shares 3   | - 19,948  | + 6,982   | + 22,739  | + 5,073   | + 6,713   | + 11,548  | + 12,411 | + 948    | + 1,889  | - 817    |
| Mutual fund shares 4   | - 43,538  | - 23,440  | - 41,705  | - 2,599   | - 9,770   | - 10,618  | - 5,165  | + 1,600  | + 542    | + 1,138  |
| Bonds and notes 5  | - 136,384 | - 137,243 | - 95,817  | + 1,602   | - 391     | - 22,866  | - 21,868 | - 10,250 | + 1,401  | + 142    |
| Money market instruments   | - 5,078   | - 7,639   | - 18,551  | - 6,073   | - 6,131   | - 9,645   | - 2,379  | - 4,728  | - 4,880  | + 2,205  |
| 3 Financial derivatives 6  | - 9,040   | - 6,515   | - 71,216  | - 27,044  | - 27,238  | - 18,660  | - 15,102 | - 370    | - 4,934  | - 1,347  |
| 4 Other investment   | - 125,792 | - 211,244 | - 331,657 | - 92,500  | - 50,271  | - 119,870 | - 8,097  | + 5,319  | + 20,802 | - 11,471 |
| MFIs 7,8   | - 85,773  | - 207,632 | - 224,809 | - 78,386  | - 10,426  | - 79,555  | + 2,517  | + 17,979 | + 7,491  | + 5,156  |
| Long-term  | - 69,969  | - 71,591  | - 96,773  | - 34,437  | - 24,860  | - 25,280  | - 48,416 | - 27,405 | - 15,972 | - 11,140 |
| Short-term   | - 15,804  | - 136,041 | - 128,036 | - 43,949  | + 14,435  | - 54,275  | + 50,934 | + 45,384 | + 23,463 | + 16,296 |
| Enterprises and households   | - 21,118  | - 29,169  | - 49,497  | - 10,855  | - 12,237  | - 23,029  | + 4,143  | + 3,033  | - 5,400  | - 385    |
| Long-term  | - 12,093  | - 24,395  | - 46,867  | - 9,735   | - 15,790  | - 4,693   | - 4,632  | + 801    | - 4,653  | - 1,232  |
| Short-term 7   | - 9,025   | - 4,774   | - 2,629   | - 1,119   | + 3,553   | - 18,335  | + 8,775  | + 2,231  | - 748    | + 847    |
| General government   | + 3,172   | + 1,068   | + 8,373   | + 26,605  | - 4,020   | - 1,322   | - 6,235  | - 11,917 | + 17,416 | - 2,397  |
| Long-term  | + 7,711   | + 7,497   | + 257     | + 7       | + 703     | - 367     | - 237    | + 2      | - 18     | - 66     |
| Short-term 7   | - 4,539   | - 6,428   | + 8,117   | + 26,613  | - 4,723   | - 955     | - 5,997  | - 11,919 | + 17,434 | - 2,332  |
| Bundesbank   | - 22,073  | + 24,488  | - 65,724  | - 29,865  | - 23,588  | - 15,963  | - 8,523  | - 3,776  | + 1,294  | - 13,845 |
| 5 Change in reserve assets at<br>transaction values (Increase:-)             | + 2,182   | + 2,934   | - 953     | - 347     | + 653     | - 1,165   | - 889    | - 713    | + 1,225  | - 82     |
| <b>II Net foreign investment in Germany</b><br>(Increase/capital imports: +) | + 262,256 | + 300,540 | + 425,352 | + 135,213 | + 54,711  | + 146,444 | - 3,973  | - 9,110  | - 10,656 | + 12,723 |
| 1 Direct investment 1  | + 33,747  | + 43,977  | + 37,856  | + 18,704  | + 4,067   | + 2,683   | + 5,899  | + 3,682  | - 7,048  | + 1,962  |
| Equity capital   | + 26,760  | + 25,297  | + 23,519  | + 11,437  | - 273     | + 2,340   | + 2,545  | + 1,128  | - 160    | - 99     |
| Reinvested earnings 2  | + 1,797   | + 3,897   | + 6,167   | + 3,987   | + 2,287   | + 4,648   | + 2,042  | + 187    | - 567    | + 552    |
| Other capital transactions<br>of foreign direct investors                    | + 5,190   | + 14,783  | + 8,170   | + 3,281   | + 2,053   | - 4,305   | + 1,312  | + 2,367  | - 6,320  | + 1,510  |
| 2 Portfolio investment   | + 174,012 | + 151,028 | + 267,893 | + 49,780  | + 94,636  | + 7,729   | + 12,549 | + 38,998 | + 7,672  | + 15,603 |
| Shares 3   | + 11,821  | + 20,715  | + 6,216   | - 3,111   | + 7,515   | - 25,789  | - 46,089 | + 9,269  | - 4,433  | - 5,621  |
| Mutual fund shares   | + 6,013   | + 8,381   | + 3,685   | + 810     | + 519     | - 1,459   | + 533    | - 3,312  | - 917    | - 337    |
| Bonds and notes 5  | + 159,293 | + 124,745 | + 207,841 | + 32,731  | + 70,317  | + 18,192  | + 47,511 | + 25,901 | + 8,811  | + 13,951 |
| Money market instruments   | - 3,115   | - 2,813   | + 50,151  | + 19,350  | + 16,285  | + 16,784  | + 10,594 | + 7,141  | + 4,211  | + 7,609  |
| 3 Other investment   | + 54,497  | + 105,536 | + 119,603 | + 66,729  | - 43,992  | + 136,032 | - 22,421 | - 51,790 | - 11,281 | - 4,842  |
| MFIs 7,8   | + 22,456  | + 60,515  | + 73,217  | + 53,662  | - 45,045  | + 97,752  | + 30,290 | - 59,486 | - 9,616  | - 4,624  |
| Long-term  | - 9,830   | - 11,881  | - 14,197  | - 601     | - 11,148  | - 2,883   | + 598    | - 2,896  | - 711    | + 1,484  |
| Short-term   | + 32,286  | + 72,397  | + 87,413  | + 54,263  | - 33,897  | + 100,635 | - 30,888 | - 56,590 | - 8,905  | - 6,108  |
| Enterprises and households   | + 30,568  | + 46,486  | + 36,865  | + 9,165   | + 1,006   | + 21,656  | + 4,582  | + 6,042  | - 7,431  | + 3,021  |
| Long-term  | + 17,953  | + 27,526  | + 17,260  | + 7,016   | + 6,838   | + 9,165   | + 456    | - 408    | + 907    | - 234    |
| Short-term 7   | + 12,615  | + 18,961  | + 19,605  | + 2,149   | - 5,832   | + 12,491  | + 4,126  | + 6,450  | - 8,338  | + 3,255  |
| General government   | + 3,578   | - 179     | - 1,827   | + 1,942   | - 8,007   | + 7,491   | + 4,693  | + 2,531  | + 4,189  | - 4,594  |
| Long-term  | + 2,648   | + 862     | - 1,551   | + 563     | + 46      | - 878     | - 200    | - 48     | - 0      | - 111    |
| Short-term 7   | + 929     | - 1,040   | - 276     | + 2,505   | - 8,054   | + 8,369   | + 4,893  | + 2,579  | + 4,189  | - 4,483  |
| Bundesbank   | - 2,105   | - 1,287   | + 11,349  | + 1,960   | + 8,054   | + 9,133   | - 1,406  | - 876    | + 1,578  | + 1,355  |
| <b>III Financial account balance 9</b><br>(Net capital exports: -)           | - 130,725 | - 151,113 | - 235,930 | - 22,243  | - 75,249  | - 66,298  | - 81,405 | - 37,496 | + 2,258  | - 2,751  |

1 From 1996, new definition for direct investment. — 2 Estimated. — 3 Including participation rights. — 4 From 1991, including retained earnings. — 5 From 1975, excluding accrued interest. — 6 Options, whether evidenced by securities or not, and financial futures contracts. — 7 The trans-

action values shown here are mostly derived from changes in stocks. Purely statistical changes have been eliminated as far as possible. — 8 Excluding the Deutsche Bundesbank. — 9 Financial account balance including change in reserve assets.

8 External position of the Bundesbank \*

DM million

| End of year<br>or month | Reserve assets and other claims on non-residents |                |                                   |   |                                    |   | Liabilities vis-à-vis non-residents |   |  |    | Net<br>external<br>position<br>(col 1<br>less<br>col 8) |
|-------------------------|--|----------------|-----------------------------------|---|------------------------------------|---|-------------------------------------|---|--|----|---|
|                         | Total  | Reserve assets |                                   |   |                                    | Loans and<br>other claims<br>on non-<br>residents 3 | Total                               | Liabilities<br>arising<br>from<br>external<br>trans-<br>actions 4 | Liabilities<br>arising<br>from<br>liquidity<br>Treasury<br>discount<br>paper |    |   |
|                         |  | Gold           | Foreign<br>currency<br>balances 1 | Reserve<br>position<br>in the<br>Inter-<br>national<br>Monetary<br>Fund and<br>special<br>drawing<br>rights | Claims<br>on the<br>ECB 2<br>(net) |   |                                     |   |  |    |   |
| 1                       | 2  | 3              | 4                                 | 5   | 6                                  | 7   | 8                                   | 9   | 10   | 11 |   |
| 1995                    | 123,261  | 121,307        | 13,688                            | 68,484  | 10,337                             | 28,798  | 1,954                               | 16,390  | 16,390   | -  | 106,871   |
| 1996                    | 120,985  | 119,544        | 13,688                            | 72,364  | 11,445                             | 22,048  | 1,441                               | 15,604  | 15,604   | -  | 105,381   |
| 1997                    | 127,849  | 126,884        | 13,688                            | 76,673  | 13,874                             | 22,649  | 966                                 | 16,931  | 16,931   | -  | 110,918   |
| 1998                    | 135,085  | 134,005        | 17,109                            | 100,363   | 16,533                             | -   | 1,079                               | 15,978  | 15,978   | -  | 119,107   |

\* Valuation of the gold holdings and the claims on non-residents in accordance with section 26 (2) of the Bundesbank Act and the provisions of the Commercial Code, especially section 253. In the course of the year, valuation at the preceding year's balance sheet rates. — 1 Mainly US dollar assets. — 2 European Central Bank (up to 1993, claims on the European

Monetary Cooperation Fund (EMCF)). — 3 Including loans to the World Bank. — 4 Including liquidity paper sold to non-residents by the Bundesbank; excluding the liquidity Treasury discount paper sold to non-residents between March 1993 and March 1995, as shown in column 10.

9 External position of the Bundesbank in the euro area °

€ million

| End of year<br>or month | Reserve assets and other claims on non-residents |                                 |  |       |        |                                 | Other<br>claims on<br>non-euro-<br>area<br>residents 1,3 | Claims<br>within the<br>Eurosistem<br>(net) 2 | Other<br>claims on<br>residents<br>in other<br>euro-area<br>member<br>states | Liabilities<br>vis-à-vis non-<br>residents 3 | Net external<br>position<br>(col 1 less<br>col 9) |
|-------------------------|--|---------------------------------|--|-------|--------|---------------------------------|--|---|--|--|---|
|                         | Total  | Reserve assets                  |  |       |        | Foreign<br>currency<br>reserves |  |   |  |  |   |
|                         |  | Gold<br>and gold<br>receivables | Reserve<br>position<br>in the Inter-<br>national<br>Monetary<br>Fund and<br>special<br>drawing<br>rights |       |        |                                 |  |   |  |  |   |
| 1                       | 2  | 3                               | 4  | 5     | 6      | 7                               | 8  | 9   | 10   |  |   |
| 1999 Jan 4              | 95,316   | 93,940                          | 29,312   | 8,461 | 56,167 | 140                             | 1,225  | 11  | 8,169  | 87,146                                       |   |
| 1999                    | 141,958  | 93,039                          | 32,287   | 8,332 | 52,420 | 9,162                           | 39,746   | 11  | 6,179  | 135,779                                      |   |
| 2000                    | 100,762  | 93,815                          | 32,676   | 7,762 | 53,377 | 313                             | 6,620  | 14  | 6,592  | 94,170                                       |   |
| 2001                    | 76,147   | 93,215                          | 35,005   | 8,721 | 49,489 | 312                             | 17,385   | 5   | 8,752  | 67,396                                       |   |
| 2002                    | 103,948  | 85,002                          | 36,208   | 8,272 | 40,522 | 312                             | 18,466   | 167   | 9,005  | 94,942                                       |   |
| 2003                    | 95,394   | 76,680                          | 36,533   | 7,609 | 32,538 | 312                             | 17,945   | 456   | 10,443   | 84,951                                       |   |
| 2004                    | 93,110   | 71,335                          | 35,495   | 6,548 | 29,292 | 312                             | 20,796   | 667   | 7,935  | 85,175                                       |   |
| 2005                    | 130,268  | 86,181                          | 47,924   | 4,549 | 33,708 | 350                             | 42,830   | 906   | 6,285  | 123,983                                      |   |
| 2006                    | 104,389  | 84,765                          | 53,114   | 3,011 | 28,640 | 350                             | 18,344   | 931   | 4,819  | 99,570                                       |   |
| 2007                    | 179,492  | 92,545                          | 62,433   | 2,418 | 27,694 | 350                             | 84,064   | 2,534   | 16,005   | 163,488                                      |   |
| 2007 Apr                | 110,112  | 86,731                          | 54,837   | 2,578 | 29,316 | 350                             | 22,102   | 930   | 6,300  | 103,811                                      |   |
| May                     | 125,859  | 86,364                          | 53,675   | 2,671 | 30,018 | 350                             | 38,242   | 903   | 7,005  | 118,854                                      |   |
| June                    | 116,754  | 84,846                          | 52,809   | 2,666 | 29,370 | 350                             | 30,616   | 942   | 6,137  | 110,617                                      |   |
| July                    | 120,334  | 85,125                          | 53,446   | 2,594 | 29,085 | 350                             | 33,606   | 1,253   | 6,325  | 114,009                                      |   |
| Aug                     | 144,630  | 85,469                          | 53,554   | 2,594 | 29,321 | 350                             | 57,148   | 1,664   | 6,257  | 138,373                                      |   |
| Sep                     | 151,300  | 88,592                          | 57,168   | 2,530 | 28,894 | 350                             | 60,480   | 1,879   | 8,013  | 143,288                                      |   |
| Oct                     | 171,237  | 90,168                          | 59,549   | 2,475 | 28,144 | 350                             | 78,473   | 2,246   | 10,159   | 161,077                                      |   |
| Nov                     | 177,674  | 89,233                          | 59,157   | 2,426 | 27,651 | 350                             | 85,625   | 2,466   | 13,068   | 164,606                                      |   |
| Dec                     | 179,492  | 92,545                          | 62,433   | 2,418 | 27,694 | 350                             | 84,064   | 2,534   | 16,005   | 163,488                                      |   |
| 2008 Jan                | 208,663  | 99,028                          | 68,255   | 2,398 | 28,376 | 350                             | 106,706  | 2,580   | 21,032   | 187,632                                      |   |
| Feb                     | 226,761  | 100,879                         | 70,196   | 2,378 | 28,306 | 350                             | 122,924  | 2,608   | 22,382   | 204,379                                      |   |
| Mar                     | 198,070  | 95,103                          | 65,126   | 2,335 | 27,642 | 350                             | 100,029  | 2,588   | 24,919   | 173,151                                      |   |
| Apr                     | 198,225  | 92,633                          | 61,352   | 2,345 | 28,935 | 350                             | 102,683  | 2,559   | 25,586   | 172,639                                      |   |
| May                     | 200,042  | 92,387                          | 62,311   | 2,518 | 27,558 | 350                             | 104,777  | 2,528   | 24,450   | 175,592                                      |   |
| June                    | 206,618  | 95,220                          | 64,930   | 2,495 | 27,796 | 350                             | 108,553  | 2,495   | 23,498   | 183,120                                      |   |
| July                    | 203,949  | 93,722                          | 64,108   | 2,468 | 27,146 | 350                             | 107,259  | 2,617   | 25,121   | 178,827                                      |   |
| Aug                     | 217,137  | 93,048                          | 62,296   | 2,539 | 28,213 | 350                             | 121,103  | 2,636   | 26,641   | 190,496                                      |   |
| Sep                     | 215,889  | 99,936                          | 68,808   | 2,623 | 28,504 | 350                             | 112,975  | 2,628   | 26,756   | 189,133                                      |   |

° Claims and liabilities vis-à-vis all countries within and outside the euro area. Up to December 2000, the levels at the end of each quarter are shown, owing to revaluations, at market prices; within each quarter, however, the levels are computed on the basis of cumulative transaction values. From January 2001, all end-of-month levels are valued at market prices. — 1 Including loans to the World Bank. — 2 Including the balances in the

Bundesbank's cross-border payments within the Eurosystem. From November 2000, including the TARGET positions which were previously shown (in columns 6 and 9) as bilateral assets and liabilities vis-à-vis national central banks outside the Eurosystem. — 3 See footnote 2. — 4 Euro opening balance sheet of the Bundesbank as at 1 January 1999.

XI External sector

10 Assets and liabilities of enterprises in Germany (other than banks)  
vis-à-vis non-residents \*

€ million

| End of year<br>or month   | Claims on non-residents |                                      |                             |                                 |                    |                            |                                 | Liabilities vis-à-vis non-residents |                                   |   |                                 |                    |                         |                                 |
|---|-------------------------|--------------------------------------|-----------------------------|---------------------------------|--------------------|----------------------------|---------------------------------|-------------------------------------|-----------------------------------|---|---------------------------------|--------------------|-------------------------|---------------------------------|
|   | Total                   | Balances<br>with<br>foreign<br>banks | Claims on foreign non-banks |                                 |                    |                            |                                 | Total                               | Loans<br>from<br>foreign<br>banks | Liabilities vis-à-vis foreign non-banks |                                 |                    |                         |                                 |
|   |                         |                                      | Total                       | from<br>financial<br>operations | from trade credits |                            |                                 |                                     |                                   | Total                                   | from<br>financial<br>operations | from trade credits |                         |                                 |
|   |                         |                                      |                             |                                 | Total              | Credit<br>terms<br>granted | Advance<br>payments<br>effected |                                     |                                   |   |                                 | Total              | Credit<br>terms<br>used | Advance<br>payments<br>received |
| <b>All countries</b>  |                         |                                      |                             |                                 |                    |                            |                                 |                                     |                                   |   |                                 |                    |                         |                                 |
| 2004  | 377,540                 | 98,632                               | 278,908                     | 159,764                         | 119,144            | 112,342                    | 6,802                           | 506,434                             | 50,211                            | 456,223                                 | 361,111                         | 95,112             | 63,762                  | 31,350                          |
| 2005  | 409,493                 | 97,333                               | 312,160                     | 179,738                         | 132,422            | 125,497                    | 6,925                           | 548,107                             | 65,557                            | 482,550                                 | 375,114                         | 107,436            | 73,270                  | 34,166                          |
| 2006  | 450,228                 | 117,723                              | 332,505                     | 190,300                         | 142,205            | 134,057                    | 8,148                           | 624,790                             | 95,019                            | 529,771                                 | 408,907                         | 120,864            | 79,900                  | 40,964                          |
| 2007  | 509,178                 | 162,654                              | 346,524                     | 196,178                         | 150,346            | 139,842                    | 10,504                          | 651,316                             | 111,893                           | 539,423                                 | 404,904                         | 134,519            | 82,979                  | 51,540                          |
| 2008 Mar  | 544,360                 | 183,093                              | 361,267                     | 203,635                         | 157,632            | 146,498                    | 11,134                          | 669,513                             | 130,332                           | 539,181                                 | 400,695                         | 138,486            | 83,242                  | 55,244                          |
| Apr   | 553,381                 | 179,680                              | 373,701                     | 213,526                         | 160,175            | 148,817                    | 11,358                          | 680,599                             | 135,932                           | 544,667                                 | 404,150                         | 140,517            | 83,879                  | 56,638                          |
| May   | 553,807                 | 179,307                              | 374,500                     | 213,653                         | 160,847            | 149,190                    | 11,657                          | 681,322                             | 140,305                           | 541,017                                 | 400,044                         | 140,973            | 83,577                  | 57,396                          |
| June  | 554,123                 | 173,973                              | 380,150                     | 216,188                         | 163,962            | 151,862                    | 12,100                          | 687,977                             | 133,656                           | 554,321                                 | 412,375                         | 141,946            | 84,694                  | 57,252                          |
| July  | 558,685                 | 178,076                              | 380,609                     | 218,651                         | 161,958            | 149,371                    | 12,587                          | 677,856                             | 133,832                           | 544,024                                 | 402,097                         | 141,927            | 83,552                  | 58,375                          |
| Aug   | 553,994                 | 180,599                              | 373,395                     | 215,419                         | 157,976            | 145,087                    | 12,889                          | 681,451                             | 138,649                           | 542,802                                 | 403,628                         | 139,174            | 79,978                  | 59,196                          |
| <b>Industrial countries <sup>1</sup></b>                        |                         |                                      |                             |                                 |                    |                            |                                 |                                     |                                   |   |                                 |                    |                         |                                 |
| 2004  | 335,809                 | 97,485                               | 238,324                     | 148,649                         | 89,675             | 84,903                     | 4,772                           | 468,592                             | 48,304                            | 420,288                                 | 349,293                         | 70,995             | 53,480                  | 17,515                          |
| 2005  | 362,704                 | 95,847                               | 266,857                     | 167,314                         | 99,543             | 94,278                     | 5,265                           | 508,106                             | 63,924                            | 444,182                                 | 364,680                         | 79,502             | 60,907                  | 18,595                          |
| 2006  | 396,649                 | 115,269                              | 281,380                     | 174,784                         | 106,596            | 100,541                    | 6,055                           | 570,675                             | 93,560                            | 477,115                                 | 389,770                         | 87,345             | 66,210                  | 21,135                          |
| 2007  | 452,354                 | 160,666                              | 291,688                     | 180,564                         | 111,124            | 103,104                    | 8,020                           | 590,595                             | 110,641                           | 479,954                                 | 384,024                         | 95,930             | 69,347                  | 26,583                          |
| 2008 Mar  | 486,439                 | 181,076                              | 305,363                     | 187,720                         | 117,643            | 109,223                    | 8,420                           | 607,588                             | 129,089                           | 478,499                                 | 379,481                         | 99,018             | 70,532                  | 28,486                          |
| Apr   | 492,766                 | 177,421                              | 315,345                     | 196,945                         | 118,400            | 109,800                    | 8,600                           | 618,089                             | 134,631                           | 483,458                                 | 382,619                         | 100,839            | 71,939                  | 28,900                          |
| May   | 492,742                 | 176,810                              | 315,932                     | 196,670                         | 119,262            | 110,522                    | 8,740                           | 618,220                             | 138,967                           | 479,253                                 | 378,259                         | 100,994            | 71,618                  | 29,376                          |
| June  | 491,648                 | 172,096                              | 319,552                     | 198,450                         | 121,102            | 112,148                    | 8,954                           | 623,250                             | 131,867                           | 491,383                                 | 390,549                         | 100,834            | 71,634                  | 29,200                          |
| July  | 495,201                 | 176,118                              | 319,083                     | 200,983                         | 118,100            | 108,963                    | 9,137                           | 612,419                             | 132,053                           | 480,366                                 | 380,338                         | 100,028            | 70,271                  | 29,757                          |
| Aug   | 490,175                 | 178,582                              | 311,593                     | 197,508                         | 114,085            | 104,823                    | 9,262                           | 614,388                             | 136,723                           | 477,665                                 | 381,356                         | 96,309             | 66,373                  | 29,936                          |
| <b>EU member states <sup>1</sup></b>                            |                         |                                      |                             |                                 |                    |                            |                                 |                                     |                                   |   |                                 |                    |                         |                                 |
| 2004  | 259,480                 | 92,867                               | 166,613                     | 101,254                         | 65,359             | 61,563                     | 3,796                           | 376,461                             | 43,838                            | 332,623                                 | 284,173                         | 48,450             | 36,494                  | 11,956                          |
| 2005  | 270,808                 | 91,882                               | 178,926                     | 108,523                         | 70,403             | 66,156                     | 4,247                           | 414,377                             | 60,186                            | 354,191                                 | 300,022                         | 54,169             | 41,305                  | 12,864                          |
| 2006  | 308,720                 | 108,982                              | 199,738                     | 121,929                         | 77,809             | 72,902                     | 4,907                           | 479,025                             | 86,343                            | 392,682                                 | 332,871                         | 59,811             | 45,202                  | 14,609                          |
| 2007  | 364,105                 | 154,644                              | 209,461                     | 127,080                         | 82,381             | 75,942                     | 6,439                           | 489,584                             | 105,372                           | 384,212                                 | 318,769                         | 65,443             | 46,262                  | 19,181                          |
| 2008 Mar  | 404,371                 | 175,052                              | 229,319                     | 140,730                         | 88,589             | 82,017                     | 6,572                           | 507,705                             | 121,940                           | 385,765                                 | 317,004                         | 68,761             | 48,023                  | 20,738                          |
| Apr   | 407,896                 | 170,710                              | 237,186                     | 147,751                         | 89,435             | 82,566                     | 6,869                           | 511,582                             | 127,546                           | 384,036                                 | 313,299                         | 70,737             | 49,701                  | 21,036                          |
| May   | 407,589                 | 170,091                              | 237,498                     | 147,195                         | 90,303             | 83,319                     | 6,984                           | 519,619                             | 131,471                           | 388,148                                 | 316,999                         | 71,149             | 49,838                  | 21,311                          |
| June  | 406,290                 | 165,996                              | 240,294                     | 148,685                         | 91,609             | 84,377                     | 7,232                           | 514,050                             | 124,306                           | 389,744                                 | 318,629                         | 71,115             | 49,924                  | 21,191                          |
| July  | 409,218                 | 169,633                              | 239,585                     | 150,327                         | 89,258             | 81,875                     | 7,383                           | 510,375                             | 124,680                           | 385,695                                 | 314,787                         | 70,908             | 48,950                  | 21,958                          |
| Aug   | 405,268                 | 172,258                              | 233,010                     | 147,510                         | 85,500             | 78,046                     | 7,454                           | 512,683                             | 129,382                           | 383,301                                 | 315,354                         | 67,947             | 45,735                  | 22,212                          |
| <b>of which: Euro-area member states <sup>2</sup></b>           |                         |                                      |                             |                                 |                    |                            |                                 |                                     |                                   |   |                                 |                    |                         |                                 |
| 2004  | 164,160                 | 55,995                               | 108,165                     | 63,310                          | 44,855             | 42,231                     | 2,624                           | 305,864                             | 28,295                            | 277,569                                 | 244,860                         | 32,709             | 24,258                  | 8,451                           |
| 2005  | 175,532                 | 59,160                               | 116,372                     | 69,048                          | 47,324             | 44,369                     | 2,955                           | 332,261                             | 29,443                            | 302,818                                 | 268,483                         | 34,335             | 25,225                  | 9,110                           |
| 2006  | 207,868                 | 77,056                               | 130,812                     | 79,901                          | 50,911             | 47,614                     | 3,297                           | 369,648                             | 38,878                            | 330,770                                 | 292,178                         | 38,592             | 28,340                  | 10,252                          |
| 2007  | 251,178                 | 118,112                              | 133,066                     | 79,745                          | 53,861             | 49,537                     | 4,324                           | 367,668                             | 56,982                            | 310,686                                 | 269,095                         | 41,591             | 28,964                  | 12,627                          |
| 2008 Mar  | 281,124                 | 132,707                              | 148,417                     | 90,279                          | 58,138             | 53,645                     | 4,493                           | 384,769                             | 68,714                            | 316,055                                 | 271,854                         | 44,201             | 30,445                  | 13,756                          |
| Apr   | 280,388                 | 126,384                              | 154,004                     | 95,441                          | 58,563             | 53,841                     | 4,722                           | 395,789                             | 73,127                            | 322,662                                 | 277,622                         | 45,040             | 31,246                  | 13,794                          |
| May   | 283,666                 | 128,565                              | 155,101                     | 95,934                          | 59,167             | 54,332                     | 4,835                           | 397,022                             | 75,254                            | 321,768                                 | 277,206                         | 44,562             | 30,548                  | 14,014                          |
| June  | 284,794                 | 126,467                              | 158,327                     | 99,152                          | 59,175             | 54,377                     | 4,798                           | 393,640                             | 72,684                            | 320,956                                 | 275,849                         | 45,107             | 31,121                  | 13,986                          |
| July  | 286,500                 | 129,962                              | 156,538                     | 99,028                          | 57,510             | 52,553                     | 4,957                           | 392,981                             | 72,194                            | 320,787                                 | 275,823                         | 44,964             | 30,840                  | 14,124                          |
| Aug   | 285,323                 | 134,009                              | 151,314                     | 96,234                          | 55,080             | 50,068                     | 5,012                           | 393,454                             | 74,165                            | 319,289                                 | 276,868                         | 42,421             | 28,031                  | 14,390                          |
| <b>Emerging economies and developing countries <sup>3</sup></b> |                         |                                      |                             |                                 |                    |                            |                                 |                                     |                                   |   |                                 |                    |                         |                                 |
| 2004  | 41,731                  | 1,147                                | 40,584                      | 11,115                          | 29,469             | 27,439                     | 2,030                           | 37,842                              | 1,907                             | 35,935                                  | 11,818                          | 24,117             | 10,282                  | 13,835                          |
| 2005  | 46,789                  | 1,486                                | 45,303                      | 12,424                          | 32,879             | 31,219                     | 1,660                           | 40,001                              | 1,633                             | 38,368                                  | 10,434                          | 27,934             | 12,363                  | 15,571                          |
| 2006  | 53,579                  | 2,454                                | 51,125                      | 15,516                          | 35,609             | 33,516                     | 2,093                           | 54,115                              | 1,459                             | 52,656                                  | 19,137                          | 33,519             | 13,690                  | 19,829                          |
| 2007  | 56,824                  | 1,988                                | 54,836                      | 15,614                          | 39,222             | 36,738                     | 2,484                           | 60,721                              | 1,252                             | 59,469                                  | 20,880                          | 38,589             | 13,632                  | 24,957                          |
| 2008 Mar  | 57,921                  | 2,017                                | 55,904                      | 15,915                          | 39,989             | 37,275                     | 2,714                           | 61,925                              | 1,243                             | 60,682                                  | 21,214                          | 39,468             | 12,710                  | 26,758                          |
| Apr   | 60,615                  | 2,259                                | 58,356                      | 16,581                          | 41,775             | 39,017                     | 2,758                           | 62,510                              | 1,301                             | 61,209                                  | 21,531                          | 39,678             | 11,940                  | 27,738                          |
| May   | 61,065                  | 2,497                                | 58,568                      | 16,983                          | 41,585             | 38,668                     | 2,917                           | 63,102                              | 1,338                             | 61,764                                  | 21,785                          | 39,979             | 11,959                  | 28,020                          |
| June  | 62,475                  | 1,877                                | 60,598                      | 17,738                          | 42,860             | 39,714                     | 3,146                           | 64,727                              | 1,789                             | 62,938                                  | 21,826                          | 41,112             | 13,060                  | 28,052                          |
| July  | 63,484                  | 1,958                                | 61,526                      | 17,668                          | 43,858             | 40,408                     | 3,450                           | 65,437                              | 1,779                             | 63,658                                  | 21,759                          | 41,899             | 13,281                  | 28,618                          |
| Aug   | 63,819                  | 2,017                                | 61,802                      | 17,911                          | 43,891             | 40,264                     | 3,627                           | 67,063                              | 1,926                             | 65,137                                  | 22,272                          | 42,865             | 13,605                  | 29,260                          |

\* Including the assets and liabilities vis-à-vis non-residents of households in Germany. The assets and liabilities vis-à-vis non-residents of banks (MFIs) in Germany are shown in Table 4 of Section IV, "Banks". Statistical increases and decreases have not been eliminated; to this extent, the changes in totals are not comparable with the figures shown in Table XI.7. — 1 From

May 2004, including Cyprus, the Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, the Slovak Republic and Slovenia; from January 2007, including Bulgaria and Romania. — 2 From January 2007, including Slovenia; from January 2008, including Cyprus and Malta. — 3 All countries that are not regarded as industrial countries.

11 ECB euro reference exchange rates of selected currencies \*

EUR 1 = currency units ...

| Yearly or monthly average | Australia | Canada | China               | Denmark | Japan  | Norway | Sweden | Switzerland | United Kingdom | United States |
|---------------------------|-----------|--------|---------------------|---------|--------|--------|--------|-------------|----------------|---------------|
|                           | AUD       | CAD    | CNY 1               | DKK     | JPY    | NOK    | SEK    | CHF         | GBP            | USD           |
| 1999                      | 1.6523    | 1.5840 | .                   | 7.4355  | 121.32 | 8.3104 | 8.8075 | 1.6003      | 0.65874        | 1.0658        |
| 2000                      | 1.5889    | 1.3706 | <sup>2</sup> 7.6168 | 7.4538  | 99.47  | 8.1129 | 8.4452 | 1.5579      | 0.60948        | 0.9236        |
| 2001                      | 1.7319    | 1.3864 | 7.4131              | 7.4521  | 108.68 | 8.0484 | 9.2551 | 1.5105      | 0.62187        | 0.8956        |
| 2002                      | 1.7376    | 1.4838 | 7.8265              | 7.4305  | 118.06 | 7.5086 | 9.1611 | 1.4670      | 0.62883        | 0.9456        |
| 2003                      | 1.7379    | 1.5817 | 9.3626              | 7.4307  | 130.97 | 8.0033 | 9.1242 | 1.5212      | 0.69199        | 1.1312        |
| 2004                      | 1.6905    | 1.6167 | 10.2967             | 7.4399  | 134.44 | 8.3697 | 9.1243 | 1.5438      | 0.67866        | 1.2439        |
| 2005                      | 1.6320    | 1.5087 | 10.1955             | 7.4518  | 136.85 | 8.0092 | 9.2822 | 1.5483      | 0.68380        | 1.2441        |
| 2006                      | 1.6668    | 1.4237 | 10.0096             | 7.4591  | 146.02 | 8.0472 | 9.2544 | 1.5729      | 0.68173        | 1.2556        |
| 2007                      | 1.6348    | 1.4678 | 10.4178             | 7.4506  | 161.25 | 8.0165 | 9.2501 | 1.6427      | 0.68434        | 1.3705        |
| 2006 Oct                  | 1.6733    | 1.4235 | 9.9651              | 7.4555  | 149.65 | 8.3960 | 9.2533 | 1.5898      | 0.67254        | 1.2611        |
| Nov                       | 1.6684    | 1.4635 | 10.1286             | 7.4564  | 151.11 | 8.2446 | 9.1008 | 1.5922      | 0.67397        | 1.2881        |
| Dec                       | 1.6814    | 1.5212 | 10.3356             | 7.4549  | 154.82 | 8.1575 | 9.0377 | 1.5969      | 0.67286        | 1.3213        |
| 2007 Jan                  | 1.6602    | 1.5285 | 10.1238             | 7.4539  | 156.56 | 8.2780 | 9.0795 | 1.6155      | 0.66341        | 1.2999        |
| Feb                       | 1.6708    | 1.5309 | 10.1326             | 7.4541  | 157.60 | 8.0876 | 9.1896 | 1.6212      | 0.66800        | 1.3074        |
| Mar                       | 1.6704    | 1.5472 | 10.2467             | 7.4494  | 155.24 | 8.1340 | 9.2992 | 1.6124      | 0.68021        | 1.3242        |
| Apr                       | 1.6336    | 1.5334 | 10.4400             | 7.4530  | 160.68 | 8.1194 | 9.2372 | 1.6375      | 0.67934        | 1.3516        |
| May                       | 1.6378    | 1.4796 | 10.3689             | 7.4519  | 163.22 | 8.1394 | 9.2061 | 1.6506      | 0.68136        | 1.3511        |
| June                      | 1.5930    | 1.4293 | 10.2415             | 7.4452  | 164.55 | 8.0590 | 9.3290 | 1.6543      | 0.67562        | 1.3419        |
| July                      | 1.5809    | 1.4417 | 10.3899             | 7.4410  | 166.76 | 7.9380 | 9.1842 | 1.6567      | 0.67440        | 1.3716        |
| Aug                       | 1.6442    | 1.4420 | 10.3162             | 7.4429  | 159.05 | 7.9735 | 9.3231 | 1.6383      | 0.67766        | 1.3622        |
| Sep                       | 1.6445    | 1.4273 | 10.4533             | 7.4506  | 159.82 | 7.8306 | 9.2835 | 1.6475      | 0.68887        | 1.3896        |
| Oct                       | 1.5837    | 1.3891 | 10.6741             | 7.4534  | 164.95 | 7.6963 | 9.1735 | 1.6706      | 0.66614        | 1.4227        |
| Nov                       | 1.6373    | 1.4163 | 10.8957             | 7.4543  | 162.89 | 7.9519 | 9.2889 | 1.6485      | 0.70896        | 1.4684        |
| Dec                       | 1.6703    | 1.4620 | 10.7404             | 7.4599  | 163.55 | 8.0117 | 9.4319 | 1.6592      | 0.72064        | 1.4570        |
| 2008 Jan                  | 1.6694    | 1.4862 | 10.6568             | 7.4505  | 158.68 | 7.9566 | 9.4314 | 1.6203      | 0.74725        | 1.4718        |
| Feb                       | 1.6156    | 1.4740 | 10.5682             | 7.4540  | 157.97 | 7.9480 | 9.3642 | 1.6080      | 0.75094        | 1.4748        |
| Mar                       | 1.6763    | 1.5519 | 10.9833             | 7.4561  | 156.59 | 7.9717 | 9.4020 | 1.5720      | 0.77494        | 1.5527        |
| Apr                       | 1.6933    | 1.5965 | 11.0237             | 7.4603  | 161.56 | 7.9629 | 9.3699 | 1.5964      | 0.79487        | 1.5751        |
| May                       | 1.6382    | 1.5530 | 10.8462             | 7.4609  | 162.31 | 7.8648 | 9.3106 | 1.6247      | 0.79209        | 1.5557        |
| June                      | 1.6343    | 1.5803 | 10.7287             | 7.4586  | 166.26 | 7.9915 | 9.3739 | 1.6139      | 0.79152        | 1.5553        |
| July                      | 1.6386    | 1.5974 | 10.7809             | 7.4599  | 168.45 | 8.0487 | 9.4566 | 1.6193      | 0.79308        | 1.5770        |
| Aug                       | 1.6961    | 1.5765 | 10.2609             | 7.4595  | 163.63 | 7.9723 | 9.3984 | 1.6212      | 0.79279        | 1.4975        |
| Sep                       | 1.7543    | 1.5201 | 9.8252              | 7.4583  | 153.20 | 8.1566 | 9.5637 | 1.5942      | 0.79924        | 1.4370        |

\* Calculated from daily values; for additional euro reference exchange rates, see Statistical Supplement 5, Exchange rate statistics. — 1 Up to

March 2005, ECB indicative rates. — 2 Average from 13 January to 29 December 2000.

12 Irrevocable euro conversion rates in Stage III of European Economic and Monetary Union

| As of          | Country        | Currency           | ISO currency code | Euro 1 = currency units ... |
|----------------|----------------|--------------------|-------------------|-----------------------------|
| 1999 January 1 | Austria        | Austrian schilling | ATS               | 13.7603                     |
|                | Belgium        | Belgian franc      | BEF               | 40.3399                     |
|                | Finland        | Finnish markka     | FIM               | 5.94573                     |
|                | France         | French franc       | FRF               | 6.55957                     |
|                | Germany        | Deutsche Mark      | DEM               | 1.95583                     |
|                | Ireland        | Irish pound        | IEP               | 0.787564                    |
|                | Italy          | Italian lira       | ITL               | 1,936.27                    |
|                | Luxembourg     | Luxembourg franc   | LUF               | 40.3399                     |
|                | Netherlands    | Dutch guilder      | NLG               | 2.20371                     |
|                | Portugal       | Portuguese escudo  | PTE               | 200.482                     |
|                | Spain          | Spanish peseta     | ESP               | 166.386                     |
|                | 2001 January 1 | Greece             | Greek drachma     | GRD                         |
| 2007 January 1 | Slovenia       | Tolar              | SIT               | 239.640                     |
| 2008 January 1 | Cyprus         | Cyprus pound       | CYP               | 0.585274                    |
|                | Malta          | Maltese lira       | MTL               | 0.429300                    |
| 2009 January 1 | Slovakia       | Slovak koruna      | SKK               | 30.1260                     |

XI External sector

13 Effective exchange rates of the Euro and indicators of the German economy's price competitiveness \*

1999 Q1 = 100

| Zeit      | Effective exchange rate of the Euro |   |  |  | Indicators of the German economy's price competitiveness |   |   |                     |                         |                  |                                    |                |                |
|-----------|-------------------------------------|---|--|--|--|---|---|---------------------|-------------------------|------------------|------------------------------------|----------------|----------------|
|           | EER-22 1                            |   |  |  | EER-42 2   |   | Based on the deflators of total sales 3 |                     |                         |                  | Based on consumer price indices    |                |                |
|           | Nominal                             | In real terms based on consumer price indices | In real terms based on the deflators of gross domestic product 3 | In real terms based on unit labour costs of national economy 3 | Nominal  | In real terms based on consumer price indices | 22 selected industrial countries 4      |                     |                         | 36 countries 5 6 | 22 selected industrial countries 4 | 36 countries 5 | 56 countries 7 |
|           |                                     |   |  |  |  |   | Total                                   | Euro-area countries | Non-euro-area countries |                  |                                    |                |                |
| 1999      | 96.2                                | 96.0  | 95.9   | 96.5   | 96.5   | 95.8  | 97.7                                    | 99.4                | 95.6                    | 97.6             | 98.1                               | 98.0           | 97.6           |
| 2000      | 87.0                                | 86.4  | 85.8   | 85.5   | 87.9   | 85.8  | 91.5                                    | 96.9                | 85.1                    | 91.0             | 92.8                               | 91.8           | 90.8           |
| 2001      | 87.7                                | 87.1  | 86.6   | 85.1   | 90.4   | 87.1  | 91.2                                    | 95.8                | 85.8                    | 90.4             | 92.9                               | 91.4           | 90.8           |
| 2002      | 90.1                                | 90.4  | 89.7   | 88.1   | 94.9   | 91.0  | 92.0                                    | 95.0                | 88.4                    | 90.9             | 93.6                               | 92.0           | 91.9           |
| 2003      | 100.6                               | 101.4   | 100.4  | 99.0   | 106.8  | 101.9   | 95.5                                    | 94.0                | 97.4                    | 94.7             | 97.3                               | 96.6           | 96.9           |
| 2004      | 104.4                               | 105.1   | 103.4  | 102.9  | 111.2  | 105.7   | 95.9                                    | 92.9                | 100.0                   | 95.0             | 98.8                               | 98.2           | 98.6           |
| 2005      | 103.3                               | 104.2   | 102.0  | 101.3  | 109.7  | 103.7   | 94.7                                    | 91.5                | 99.1                    | 93.2             | 98.9                               | 97.4           | 97.3           |
| 2006      | 103.6                               | 104.6   | 101.8  | 100.7  | 110.0  | 103.4   | 93.9                                    | 90.0                | 99.1                    | 92.2             | 99.1                               | 97.2           | 96.8           |
| 2007      | 107.7                               | 108.3   | 105.4  | 103.6  | 114.2  | 106.6   | 95.3                                    | 89.3                | 103.6                   | 93.2             | 101.7                              | 99.2           | 98.6           |
| 2004 Dec  | 107.3                               | 108.3   |  |  | 114.7  | 108.9   |   |                     |                         |                  | 100.3                              | 99.5           | 100.1          |
| 2005 Jan  | 106.2                               | 106.9   |  |  | 113.2  | 107.1   |   |                     |                         |                  | 99.8                               | 98.7           | 99.1           |
| 2005 Feb  | 105.4                               | 106.2   | 104.7  | 104.2  | 112.2  | 106.2   | 96.3                                    | 92.1                | 102.0                   | 94.8             | 99.5                               | 98.3           | 98.5           |
| 2005 Mar  | 106.2                               | 107.0   |  |  | 113.1  | 107.0   |   |                     |                         |                  | 99.9                               | 98.6           | 98.9           |
| 2005 Apr  | 105.3                               | 106.0   |  |  | 112.2  | 105.9   |   |                     |                         |                  | 99.3                               | 98.1           | 98.3           |
| 2005 May  | 104.3                               | 105.2   | 102.5  | 101.9  | 110.9  | 104.8   | 94.9                                    | 91.6                | 99.4                    | 93.5             | 99.1                               | 97.9           | 97.8           |
| 2005 June | 101.6                               | 102.7   |  |  | 107.9  | 102.2   |   |                     |                         |                  | 98.1                               | 96.7           | 96.4           |
| 2005 July | 102.2                               | 103.1   |  |  | 108.2  | 102.3   |   |                     |                         |                  | 98.3                               | 96.8           | 96.4           |
| 2005 Aug  | 102.7                               | 103.6   | 101.0  | 99.9   | 108.9  | 103.0   | 94.2                                    | 91.3                | 98.1                    | 92.7             | 98.7                               | 97.1           | 96.9           |
| 2005 Sep  | 102.1                               | 103.1   |  |  | 108.4  | 102.5   |   |                     |                         |                  | 98.7                               | 97.0           | 96.8           |
| 2005 Oct  | 101.8                               | 102.8   |  |  | 107.9  | 102.0   |   |                     |                         |                  | 98.4                               | 96.8           | 96.4           |
| 2005 Nov  | 101.1                               | 102.1   | 100.0  | 99.1   | 107.0  | 101.0   | 93.5                                    | 90.8                | 97.0                    | 91.9             | 98.2                               | 96.4           | 95.9           |
| 2005 Dec  | 101.2                               | 102.2   |  |  | 107.1  | 101.1   |   |                     |                         |                  | 98.4                               | 96.5           | 95.9           |
| 2006 Jan  | 101.8                               | 102.7   |  |  | 107.7  | 101.4   |   |                     |                         |                  | 98.4                               | 96.5           | 95.9           |
| 2006 Feb  | 101.2                               | 102.1   | 100.0  | 99.3   | 106.8  | 100.6   | 93.3                                    | 90.2                | 97.5                    | 91.6             | 98.2                               | 96.2           | 95.4           |
| 2006 Mar  | 101.9                               | 103.0   |  |  | 107.6  | 101.4   |   |                     |                         |                  | 98.4                               | 96.4           | 95.7           |
| 2006 Apr  | 103.0                               | 104.1   |  |  | 108.8  | 102.5   |   |                     |                         |                  | 98.9                               | 97.0           | 96.3           |
| 2006 May  | 104.0                               | 104.9   | 102.2  | 101.5  | 110.5  | 103.9   | 94.1                                    | 90.1                | 99.4                    | 92.4             | 99.1                               | 97.3           | 97.0           |
| 2006 June | 104.2                               | 105.2   |  |  | 111.1  | 104.5   |   |                     |                         |                  | 99.2                               | 97.6           | 97.4           |
| 2006 July | 104.5                               | 105.5   |  |  | 111.3  | 104.6   |   |                     |                         |                  | 99.3                               | 97.7           | 97.4           |
| 2006 Aug  | 104.6                               | 105.4   | 102.5  | 101.6  | 111.3  | 104.5   | 94.0                                    | 89.9                | 99.5                    | 92.4             | 99.2                               | 97.5           | 97.2           |
| 2006 Sep  | 104.4                               | 105.2   |  |  | 111.1  | 104.3   |   |                     |                         |                  | 99.1                               | 97.3           | 97.0           |
| 2006 Oct  | 103.9                               | 104.8   |  |  | 110.4  | 103.8   |   |                     |                         |                  | 99.2                               | 97.3           | 96.9           |
| 2006 Nov  | 104.5                               | 105.4   | 102.5  | 100.3  | 111.2  | 104.3   | 94.2                                    | 89.8                | 100.1                   | 92.3             | 99.8                               | 97.6           | 97.3           |
| 2006 Dec  | 105.6                               | 106.3   |  |  | 112.3  | 105.2   |   |                     |                         |                  | 100.2                              | 98.1           | 97.7           |
| 2007 Jan  | 104.9                               | 105.7   |  |  | 111.5  | 104.4   |   |                     |                         |                  | 100.3                              | 98.1           | 97.6           |
| 2007 Feb  | 105.4                               | 106.2   | 103.4  | 101.6  | 111.9  | 104.7   | 94.8                                    | 89.8                | 101.6                   | 92.8             | 100.6                              | 98.3           | 97.8           |
| 2007 Mar  | 106.1                               | 106.8   |  |  | 112.8  | 105.4   |   |                     |                         |                  | 100.7                              | 98.4           | 98.0           |
| 2007 Apr  | 107.2                               | 107.8   |  |  | 113.7  | 106.3   |   |                     |                         |                  | 101.4                              | 99.0           | 98.6           |
| 2007 May  | 107.3                               | 107.9   | 105.0  | 103.3  | 113.6  | 106.1   | 95.4                                    | 89.6                | 103.3                   | 93.3             | 101.5                              | 99.0           | 98.4           |
| 2007 June | 106.9                               | 107.6   |  |  | 113.2  | 105.7   |   |                     |                         |                  | 101.4                              | 98.8           | 98.1           |
| 2007 July | 107.6                               | 108.1   |  |  | 113.9  | 106.3   |   |                     |                         |                  | 101.8                              | 99.1           | 98.5           |
| 2007 Aug  | 107.1                               | 107.6   | 105.4  | 103.5  | 113.7  | 106.0   | 95.2                                    | 89.2                | 103.5                   | 93.1             | 101.4                              | 98.8           | 98.3           |
| 2007 Sep  | 108.2                               | 108.8   |  |  | 114.8  | 107.0   |   |                     |                         |                  | 102.1                              | 99.5           | 98.9           |
| 2007 Oct  | 109.4                               | 110.1   |  |  | 115.8  | 108.0   |   |                     |                         |                  | 102.6                              | 99.8           | 99.1           |
| 2007 Nov  | 111.0                               | 111.7   | 107.8  | 105.9  | 117.6  | 109.6   | 96.0                                    | 88.7                | 106.2                   | 93.7             | 103.7                              | 100.9          | 100.3          |
| 2007 Dec  | 111.2                               | 111.7   |  |  | 117.6  | 109.4   |   |                     |                         |                  | 103.5                              | 100.5          | 99.9           |
| 2008 Jan  | 112.0                               | 112.3   |  |  | 118.3  | 109.9   |   |                     |                         |                  | 103.6                              | 100.6          | 99.9           |
| 2008 Feb  | 111.8                               | 111.9   | 110.1  | 108.4  | 118.2  | 109.5   | 96.4                                    | 88.3                | 107.9                   | 94.1             | 103.6                              | 100.3          | 99.7           |
| 2008 Mar  | 114.6                               | 115.0   |  |  | 121.5  | 112.8   |   |                     |                         |                  | 104.6                              | 101.5          | 101.2          |
| 2008 Apr  | 116.0                               | 116.1   |  |  | 123.1  | 113.8   |   |                     |                         |                  | 105.0                              | 101.7          | 101.3          |
| 2008 May  | 115.5                               | 115.5   | 112.9  | 110.8  | 122.4  | 113.0   | 97.4                                    | 88.1                | 110.8                   | p                | 104.9                              | 101.4          | 100.9          |
| 2008 June | 115.4                               | 115.4   |  |  | 122.4  | 112.9   |   |                     |                         |                  | 104.8                              | 101.2          | 100.7          |
| 2008 July | 115.8                               | 115.5   |  |  | 122.8  | 113.0   |   |                     |                         |                  | 105.1                              | 101.2          | 100.7          |
| 2008 Aug  | 113.5                               | 113.2   | ...  | ...  | 120.0  | 110.3   | p                                       | 96.3                | p                       | 87.6             | p                                  | 104.0          | 99.3           |
| 2008 Sep  | 111.6                               | 111.3   |  |  | 118.3  | 108.6   |   |                     |                         |                  | 103.0                              | 99.3           | 98.5           |

\* The effective exchange rate corresponds to the weighted external value of the currency concerned. The method of calculating the indicators of the German economy's price competitiveness is consistent with the procedure used by the ECB to compute the effective exchange rates of the euro (see Monthly Report, November 2001, pp 51-65, May 2007, pp 32-37 and May 2008, p 40). For details of the methodology see ECB, Monthly Bulletin, September 2004, pp 69-72 as well as the ECB's Occasional Paper No 2, which can be downloaded from the ECB's website ([www.ecb.int](http://www.ecb.int)). A decline in the figures implies an increase in competitiveness. — 1 ECB calculations are based on the weighted averages of the changes in the bilateral exchange rates of the euro against the currencies of the following countries: Australia, Bulgaria, Canada, China, Czech Republic, Denmark, Estonia, Hong Kong, Hungary, Japan, Latvia, Lithuania, Norway, Poland, Romania, Singapore, Slovakia, South Korea, Sweden, Switzerland, United Kingdom and United States. The weights used in these calculations during the period

shown are based on the trade in manufactured goods between 1999 and 2001 and reflect third-market effects. Where price and wage indices were not available, estimates were used. — 2 ECB calculations. This group includes not only the countries belonging to the EER-22 group (see footnote 1) but also Algeria, Argentina, Brazil, Chile, Croatia, Iceland, India, Indonesia, Israel, Malaysia, Mexico, Morocco, New Zealand, Philippines, Russian Federation, South Africa, Taiwan, Thailand, Turkey and Venezuela. — 3 Annual and quarterly averages. — 4 Euro-area countries (from 2001 including Greece, from 2007 including Slovenia, from 2008 including Cyprus and Malta) as well as the non-euro-area countries (Canada, Denmark, Japan, Norway, Sweden, Switzerland, United Kingdom and United States). — 5 Euro-area countries and countries belonging to the EER-22 group. — 6 Owing to missing data for the deflators of total sales, China and Singapore are not included in this calculation. — 7 Euro-area countries and countries belonging to the EER-42 group (see footnote 2).



## Overview of publications by the Deutsche Bundesbank

This overview provides information about selected recent economic and statistical publications by the Deutsche Bundesbank. Unless otherwise indicated, these publications are available in both English and German, in printed form and on the Bundesbank's website.

The publications are available free of charge from the Communication Division. For a small fee to cover costs, a file which is updated monthly and contains approximately 40,000 time series published by the Bundesbank can be obtained on magnetic tape cassette or CD-ROM from the Division Statistical data processing, mathematical methods. Orders should be sent, in writing, to one of the addresses listed on the reverse of the title page. Selected time series can also be downloaded from the internet.

### Annual Report

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### Financial Stability Review

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### Monthly Report

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For information on the articles published between 1990 and 2007 see the index attached to the January 2008 *Monthly Report*.

## Monthly Report articles

### November 2007

- The economic scene in Germany in autumn 2007

### December 2007

- Outlook for the German economy: macroeconomic projections for 2008 and 2009
- German enterprises' profitability and financing in 2006
- The current status of banks' internal risk management and the assessment of capital adequacy under the Supervisory Review Process

### January 2008

- The microstructure approach to exchange rate theory
- Integrated sectoral and overall balance sheets for Germany

### February 2008

- The economic scene in Germany around the turn of 2007-08

### March 2008

- German balance of payments in 2007
- Macroeconomic effects of changes in real exchange rates

### April 2008

- Ten years of monetary policy cooperation in the Eurosystem
- Price and volume effects of VAT increase on 1 January 2007
- Outlook for Germany's statutory pension insurance scheme

### May 2008

- The economic scene in Germany in spring 2008

### June 2008

- Outlook for the German economy – macroeconomic projections for 2008 and 2009
- The market for federal state bonds

### July 2008

- Recent developments in the international financial system
- Development and application of DSGE models for the German economy

### August 2008

- The economic scene in Germany in summer 2008

### September 2008

- The performance of German credit institutions in 2007
- Monetary growth and its determinants in recent years
- Liquidity risk management at credit institutions

### October 2008

- Germany's international investment position since the beginning of monetary union: developments and structure
- Development of tax revenue in Germany and current tax policy issues
- Financing constraints and capital accumulation: microeconomic evidence

## Statistical Supplements to the Monthly Report<sup>1</sup>

- 1 Banking statistics (monthly)
- 2 Capital market statistics (monthly)
- 3 Balance of payments statistics (monthly)
- 4 Seasonally adjusted business statistics (monthly)
- 5 Exchange rate statistics (quarterly)

## Special Publications

Makro-ökonomisches Mehr-Länder-Modell,  
November 1996<sup>2</sup>

Europäische Organisationen und Gremien im Bereich von Währung und Wirtschaft, May 1997<sup>2</sup>

Die Zahlungsbilanz der ehemaligen DDR 1975 bis 1989, August 1999<sup>2</sup>

The market for German Federal securities,  
May 2000

Macro-Econometric Multi-Country Model: MEMMOD,  
June 2000

Bundesbank Act, September 2002

Weltweite Organisationen und Gremien im Bereich von Währung und Wirtschaft, March 2003<sup>2</sup>

Die Europäische Union: Grundlagen und Politikbereiche außerhalb der Wirtschafts- und Währungsunion, April 2005<sup>2</sup>

Die Deutsche Bundesbank – Aufgabenfelder, rechtlicher Rahmen, Geschichte, April 2006<sup>2</sup>

European economic and monetary union,  
September 2005

## Special Statistical Publications\*

- 1 Banking statistics guidelines and customer classification, July 2003<sup>3</sup>

2 Bankenstatistik Kundensystematik Firmenverzeichnisse, June 2008<sup>2</sup>

3 Aufbau der bankstatistischen Tabellen,  
January 2000<sup>2,4</sup>

4 Financial accounts for Germany 1991 to 2007,  
June 2008<sup>4</sup>

5 Extrapolated results from financial statements of German enterprises 1994 to 2003, March 2006<sup>4</sup>

6 Ratios from financial statements of German enterprises 2004 to 2005, February 2008<sup>4</sup>

7 Erläuterungen zum Leistungsverzeichnis für die Zahlungsbilanz, February 2005<sup>2</sup>

8 Balance of payments statistics of the Federal Republic of Germany, 2nd edition,  
February 1991<sup>o</sup>

9 Securities deposits,  
August 2005

10 Foreign direct investment stock statistics,  
April 2008<sup>1,4</sup>

11 Balance of payments by region,  
August 2008

12 Technologische Dienstleistungen in der Zahlungsbilanz, June 2008<sup>2</sup>

\* Unless stated otherwise, these publications are available on the Bundesbank's website in German and English.

o Not available on the website.

1 Only the headings and explanatory notes to the data contained in the German originals are available in English.

2 Available in German only.

3 Solely available on the website, updated at half-yearly intervals. Only the sections "Monthly Balance Sheet Statistics", "External position" and "Customer classification" ("Overall survey on sectoral classification", "Survey on breakdown by industry or activity" and "Explanatory notes on the system of customer classification by industry or activity") are available in English.

4 Available on the website only.

## Discussion Papers\*

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### Series 1

#### Economic Studies

06/2008

The German sub-national government bond market: evolution, yields and liquidity

07/2008

Integration of financial markets and national price levels: the role of exchange rate volatility

08/2008

Business cycle evidence on firm entry

09/2008

Panel estimation of state dependent adjustment when the target is unobserved

10/2008

Nonlinear oilprice dynamics – a tale of heterogeneous speculators?

11/2008

Financing constraints, firm level adjustment of capital and aggregate implications

12/2008

Sovereign bond market integration: the euro, trading platforms and globalization

13/2008

Great moderation at the firm level? Unconditional versus conditional output volatility

14/2008

How informative are macroeconomic risk forecasts? An examination of the Bank of England's Inflation forecasts

15/2008

Foreign (in)direct investment and corporate taxation

### Series 2

#### Banking and Financial Studies

12/2008

A value at risk analysis of credit default swaps

13/2008

Systematic bank risk in Brazil: an assessment of correlated market, credit, sovereign and inter-bank risk in an environment with stochastic volatilities and correlations

14/2008

Regulatory capital for market and credit risk interaction: is current regulation always conservative?

15/2008

The implications of latent technology regimes for competition and efficiency in banking

16/2008

The impact of downward rating momentum on credit portfolio risk

17/2008

Stress testing of real credit portfolios

18/2008

Real estate markets and bank distress

#### Banking legislation

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1 Bundesbank Act and Statute of the European System of Central Banks and of the European Central Bank, June 1998

2 Gesetz über das Kreditwesen, January 2008<sup>2</sup>

2a Solvabilitäts- und Liquiditätsverordnung, February 2008<sup>2</sup>

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\* Discussion Papers which appeared from 2000 onwards are available on the website.

For footnotes, see p 79\*.