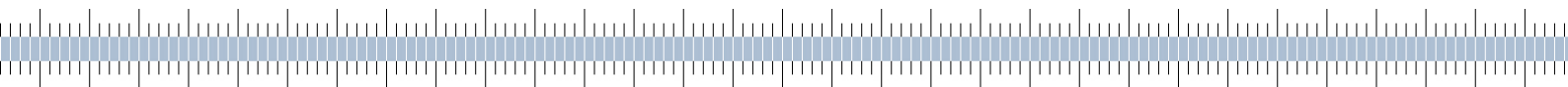




**Statistics on
Payment Systems in Germany
2002 – 2006**
as at January 2008



Explanatory note

This edition includes notation as follows:

nav	not available
nap	not applicable
neg	the data are very small (relative to other relevant data in the table concerned)

Methodology:

The statistics of this publication comply with the methodology of the “Red Book” of the Bank for International Settlement (Payment Systems in selected countries) and of the “Blue Book” the European Central Bank (Payment and Securities Settlement Systems in the European Union). Both methodologies are to a large extent harmonised.

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Frankfurt am Main, January 2008

Statistics on Payment Systems in Germany

Table 1
Basic statistical data

	2002	2003	2004	2005	2006
Population (thousands)	82.482	82.520	82.500	82.464,0	82.365,8
GDP (EUR billions)	2.145,0	2.163,4	2.215,7	2.241,0	2.322,2
GDP per capita (EUR)	26.005,92	26.216,67	26.856,36	27.175,5	28.194,0
Consumer price index	1,4	1,1	1,8	1,9	1,8

Table 2
Settlement media used by non-MFIs

(EUR billions, end of year)

	2002	2003	2004	2005	2006
Currency in circulation outside MFIs ¹⁾	nap	nap	nap	nap	nap
Value of overnight deposits	608,09	654,27	681,39	776,58	824,24
Narrow money supply (M1) ¹⁾	nap	nap	nap	nap	nap
<i>Memorandum items:</i>					
Overnight deposits in foreign currencies	22,13	19,11	21,55	24,66	35,20
Outstanding value on e-money storages issued	0,07	0,07	0,07	0,09	0,08
<i>of which:</i>					
<i>on card-based e-money schemes</i>	0,07	0,07	0,07	0,09	0,08
<i>on software-based e-money schemes</i>	nav	nav	nav	nav	nav

1) national level; introduction of the euro on 01.01.2002

Table 3
Settlement media used by credit institutions

(EUR billions, average of last reserve maintenance period)

	2002	2003	2004	2005	2006
Overnight deposits held at the Deutsche Bundesbank ¹⁾	38,75	37,93	37,50	39,27	41,40
<i>of which:</i>					
<i>required reserves</i>	38,61	37,85	37,44	39,25	41,36
<i>free reserves</i>	0,14	0,08	0,06	0,03	0,03
<i>Memorandum item:</i>					
Non-intraday borrowing from the Deutsche Bundesbank	121,67	151,94	191,68	210,04	246,14
Intraday borrowing from the Deutsche Bundesbank	nav	nav	nav	nav	nav

1) Discrepancies in the totals are due to rounding.

Table 4

Institutions offering payment services to non-MFIs¹⁾
 (end of year)

	2002	2003	2004	2005	2006
Categories of institutions					
Deutsche Bundesbank					
Number of offices	118	100	86	78	71
Number of overnight deposits (thousands)	35,77	31,85	26,84	26,45	25,92
Value of overnight deposits (EUR billions)	0,63	0,55	0,38	0,51	0,40
Credit institutions²⁾					
Number of institutions	2.363	2.225	2.148	2.089	2.048
Number of offices	53.325	49.563	47.581	46.158	42.367
Number of overnight deposits accounts (thousands) ³⁾⁴⁾	87.870,32	83.925,36	84.501,91	85.452,48	90.918,89
<i>of which number of internet / PC-linked overnight deposits accounts (thousands)³⁾⁴⁾</i>	29.695,23	30.757,00	33.077,83	33.338,73	35.286,09
Value of overnight deposits (EUR billions)	609,12	656,21	683,48	779,03	829,77
<i>of which:</i>					
Credit institutions legally incorporated in the reporting country					
Number of institutions	2.281	2.140	2.063	2.000	1.955
Number of offices	53.175	49.398	47.418	45.998	42.185
Value of overnight deposits (EUR billions)	603,32	648,30	674,93	767,38	815,56
Branches of euro area-based credit institutions					
Number of institutions	46	49	49	52	56
Number of offices	83	81	89	90	117
Value of overnight deposits (EUR billions)	4,02	6,12	6,68	9,37	11,77
Branches of EEA-based credit institutions (outside the euro area)					
Number of institutions	17	17	17	18	20
Number of offices	35	54	44	46	42
Value of overnight deposits (EUR billions)	0,91	0,97	0,87	1,00	1,12
Branches of non-EEA based banks					
Number of institutions	19	19	19	19	17
Number of offices	32	30	30	24	23
Value of overnight deposits (EUR billions)	0,87	0,83	1,01	1,28	1,32
Institutions offering payment services to non-MFIs (total)					
Number of institutions	2.364	2.226	2.149	2.090	2.049
Number of offices	53.392	49.630	47.648	46.219	42.438
Number of overnight deposits accounts (thousands)	87.906,09	83.957,22	84.528,75	85.478,93	90.944,81
<i>of which number of internet / PC-linked overnight deposits accounts (thousands)</i>	29.695,23	30.757,00	33.077,83	33.338,73	35.286,09
Value of overnight deposits (EUR billions)	609,75	656,77	683,86	779,54	830,17
<i>Memorandum item:</i>					
Electronic money institutions					
Number of institutions	0	0	0	1	5
Outstanding value on e-money storages issued by electronic money institutions (EUR millions)	nap	nap	nap	nap	14,00

1) Discrepancies in the totals are due to rounding.

2) Includes Deutsche Postbank AG, a fully fledged credit institution and those post office branches which are entrusted with the semi cashless payment systems on behalf of the Postbank AG.

3) Partly estimated.

4) commercial banks: 21.299,89 ; savings banks: 41.219,00 ; co-operative and rural banks: 28.400,00

5) commercial banks: 15.936,09 ; savings banks: 11.650,00 ; co-operative and rural banks: 7.700,00

Table 5

Payment card functions and accepting devices

(end of year)

	2002	2003	2004	2005	2006
Cards issued in the country¹⁾ (thousands)					
Cards with a cash function	119.391,63	116.354,59	114.836,46	109.071,39	104.217,26
Cards with a payment function	111.434,13	107.937,93	106.495,72	106.827,23	107.969,68
<i>of which</i>					
<i>cards with a debit function</i>	93.657,52	90.014,68	88.501,79	88.478,04	89.709,34
<i>cards with a credit / delayed debit function</i>	17.776,61	17.923,26	17.993,93	18.349,19	18.260,34
Cards with an e-money function	62.596,59	62.816,73	63.372,41	63.960,34	65.906,13
Total number of cards (irrespective of the number of functions on the card)	119.102,22	115.513,77	114.573,11	115.927,65	118.770,44
<i>of which cards with a combined debit, cash and e-money function</i>	61.525,26	62.573,66	62.397,65	64.832,64	64.167,78
<i>Memorandum item:</i>					
Retailer cards with a payment function ²⁾	7.700,00	8.500,00	9.300,00	10.100,00	10.500,00
Terminals located in the country					
ATMs	50.487	51.129	52.595	53.361	53.887
POS terminals ³⁾	460.609	495.790	520.020	569.527	578.420
<i>of which EFTPOS terminals</i>	460.609	495.790	520.020	569.527	578.420
e-money card terminals	134.292	153.303	172.339	202.107	257.590
<i>of which</i>					
<i>e-money card loading terminals⁴⁾</i>	35.800	32.398	30.000	30.000	32.943
<i>e-money card accepting terminals</i>	98.492	120.905	142.339	172.107	224.647

1) Partly estimated.

2) Figures collected by PaySys GmbH.

3) To avoid double counting, the number of terminals includes the most wide spread scheme only, since terminals usually accept different card brands.

4) Data for 2004 and 2005 are estimated.

Statistics on Payment Systems in Germany

Table 6

Indicators of the use of payment instruments and terminals by non-MFIs: Number of transactions¹⁾
 (millions, total for the year)

	2002	2003	2004	2005	2006
Transactions per type of payment instrument²⁾					
Credit transfers ³⁾	5.552,55	5.787,57	6.170,89	6.713,14	7.262,19
of which					
<i>paper-based</i>	1.225,85	1.034,87	1.024,35	1.054,59	1.044,26
<i>non-paper based</i>	4.326,69	4.752,71	5.146,55	5.658,55	6.217,93
<i>of which online credit transfers</i>	767,65	1.102,53	1.380,80	1.605,77	1.817,97
Direct debits ³⁾	4.554,32	5.458,84	6.056,02	6.662,10	7.363,34
Card payments with cards issued in the country	1.864,34	2.016,52	2.236,38	2.372,09	2.435,63
of which					
<i>payments by cards with a debit function</i>	1.535,77	1.670,31	1.869,03	1.982,26	2.026,81
<i>payments by cards with a credit / delayed debit function</i>	328,57	346,21	367,35	389,83	408,81
E-money purchase transactions by cards with an e-money function	35,85	37,37	38,31	37,78	42,28
Cheques ³⁾	149,70	131,80	110,88	107,48	108,90
Total number of transactions with payment instruments by non-MFIs	12.156,76	13.432,10	14.612,48	15.892,59	17.212,33
<i>Memorandum item:</i>					
Payments by retailer cards with a payment function ⁵⁾	31,10	34,30	37,50	40,50	43,60
Transactions per type of terminal					
Transactions by cards issued in the country					
ATM cash withdrawals	1.668,31	2.036,37	2.398,67	2.445,07	2.447,29
POS transactions (irrespective of type of card used) ⁴⁾	1.900,19	2.053,89	2.274,69	2.409,87	2.477,90
E-money card loading transactions	4,42	4,16	4,17	4,47	5,02

1) Partly estimated. Discrepancies in the totals are due to rounding.

2) Includes transactions of non-banks irrespective of whether they are processed on an intra- or interbank basis.

3) Includes only the number of national credit transfers, direct debits and cheques. Book-entry transactions are not included.

4) Figures partly collected by Eurohandelsinstitut e.V., PaySys GmbH and Zentraler Kreditausschuss (ZKA).

5) Figures collected by PaySys GmbH.

Statistics on Payment Systems in Germany

Table 7

Indicators of the use of payment instruments and terminals by non-MFIs: Value of transactions¹⁾
 (EUR billions, total for the year)

	2002	2003	2004	2005	2006
Transactions per type of payment instrument²⁾					
Credit transfers ³⁾	28.271,11	28.352,60	28.495,56	31.140,93	31.719,39
of which					
<i>paper-based</i>	11.799,46	12.935,31	14.220,67	13.004,81	10.550,12
<i>non-paper based</i>	16.471,65	15.417,29	14.274,89	18.136,12	21.169,27
of which <i>online credit transfers</i>	612,17	794,06	975,59	1.563,92	1.685,58
Direct debits ³⁾	3.911,58	3.320,49	3.411,81	3.371,25	3.665,48
Card payments with cards issued in the country	133,12	140,40	150,05	158,44	163,16
of which					
<i>payments by cards with a debit function</i>	103,16	109,29	115,65	121,15	123,84
<i>payments by cards with a credit / delayed debit function</i>	29,97	31,11	34,40	37,28	39,32
E-money purchase transactions by cards with an e-money function	0,08	0,08	0,08	0,09	0,10
Cheques ³⁾	772,90	669,24	559,94	516,49	602,29
Total number of transactions with payment instruments by non-MFIs	33.088,79	32.482,80	32.617,44	35.187,19	36.150,42
<i>Memorandum item:</i>					
Payments by retailer cards with a payment function ⁵⁾	2,53	2,79	3,01	3,06	3,19
Transactions per type of terminal					
Transactions by cards issued in the country					
ATM cash withdrawals	265,03	303,57	340,24	381,67	381,35
POS transactions (irrespective of type of card used) ⁴⁾	133,20	140,48	150,13	158,53	163,26
E-money card loading transactions	0,12	0,11	0,11	0,11	0,13

1) Partly estimated. Discrepancies in the totals are due to rounding.

2) Includes transactions of non-banks irrespective of whether they are processed on an intra- or interbank basis.

3) Includes only the number of national credit transfers, direct debits and cheques. Book-entry transactions are not included.

4) Figures partly collected by Eurohandelsinstitut e.V., PaySys GmbH and Zentraler Kreditausschuss (ZKA).

5) Figures collected by PaySys GmbH.

Table 8

Participation in selected interbank funds transfer systems

(end of period)

	2002	2003	2004	2005	2006
TARGET component: RTGS^{plus}					
Number of participants	8402	8505	8499	8420	8513
of which:					
Direct participants	75	93	127	171	191
of which:					
Credit institutions	74	92	125	167	186
Central bank	1	1	2	2	3
Other direct participants	0	0	0	2	2
of which:					
Clearing and settlement institutions	0	0	0	2	2
Indirect participants	8327	8412	8372	8249	8322
Retail System: RPS					
Number of participants	318	316	320	267	252
of which:					
Direct participants	318	316	320	267	252
of which:					
Credit institutions	317	315	319	266	251
Central bank	1	1	1	1	1
Other direct participants	0	0	0	0	0

Table 9

Payments processed by selected interbank funds transfer systems: Number of transactions¹⁾
 (millions, total for the year)

	2002	2003	2004	2005	2006
German TARGET component					
RTGS^{plus}					
Credit transfers sent	31,89	32,79	34,06	35,78	37,90
<i>of which</i>					
credit transfers sent within RTGS ^{plus}	27,60	28,19	29,08	30,75	32,75
<i>of which</i>					
national transactions	27,32	27,87	28,73	30,48	32,44
transactions sent by euro area participants (excluding national transactions)	0,04	0,14	0,10	0,02	0,02
transactions sent by EU participants outside the euro area (excluding national transactions)	0,08	0,09	0,14	0,16	0,18
transactions sent by non-EU participants (excluding national transactions)	0,15	0,10	0,10	0,09	0,11
credit transfers sent to another TARGET component	4,30	4,60	4,98	5,02	5,15
<i>of which</i>					
transactions sent to a euro area TARGET component	3,51	3,76	4,08	4,10	4,23
transactions sent to a non-euro area TARGET component	0,79	0,84	0,90	0,92	0,92
<i>Memorandum item:</i>					
Credit transfers received from another TARGET component	3,63	4,22	4,77	5,06	5,67
Concentration ratio in terms of volume	53,33%	52,50%	51,86%	48,00%	45,57%

Table 9 (continued)

Payments processed by selected interbank funds transfer systems: Number of transactions¹⁾
(millions, total for the year)

	2002	2003	2004	2005	2006
Retail Payment System (RPS)					
Total transactions sent	2.156,75	2.167,65	2.251,05	2.174,70	2.297,87
<i>of which</i>					
National transactions sent	2.156,75	2.167,65	2.251,05	2.174,70	2.297,87
Credit transfers	871,94	923,14	985,84	995,07	1.027,67
<i>of which</i>					
<i>non-paper based credit transfers</i>	871,94	923,14	985,84	995,07	1.027,67
Direct debits and cheques ²⁾	1.284,81	1.244,51	1.265,21	1.179,63	1.270,20
Concentration ratio in terms of volume	nav	33,00%	29,30%	28,40%	28,80%

1) Differences are due to rounding.

2) Includes direct debits and other payment instruments which are technically processed like direct debits such as debit card payments, ATM transactions, e-money payments and cheques.

Table 10

Payments processed by selected interbank funds transfer systems: Value of transactions¹⁾
 (EUR billions, total for the year)

	2002	2003	2004	2005	2006
German TARGET component					
RTGS^{plus}					
Credit transfers sent	124.784,16	128.543,63	126.366,00	138.497,60	150.776,18
<i>of which</i>					
credit transfers sent within RTGS ^{plus}	91.818,17	92.710,71	89.282,09	97.203,18	104.025,39
<i>of which</i>					
national transactions	91.168,04	91.900,25	88.264,48	96.235,53	102.745,15
transactions sent by euro area participants (excluding national transactions)	1,23	1,51	0,94	0,89	1,35
transactions sent by EU participants outside the euro area (excluding national transactions)	417,85	517,18	692,29	579,19	704,60
transactions sent by non-EU participants (excluding national transactions)	231,05	291,78	324,37	387,56	329,46
credit transfers sent to another TARGET component	32.965,99	35.832,92	37.083,91	41.294,42	46.750,78
<i>of which</i>					
transactions sent to a euro area TARGET component	23.063,80	24.491,16	24.894,82	28.217,06	32.166,53
transactions sent to a non-euro area TARGET component	9.902,19	11.341,76	12.189,09	13.077,36	14.584,25
<i>Memorandum item:</i>					
Credit transfers received from another TARGET component	33.001,65	35.832,58	37.087,44	41.316,49	46.726,10
Concentration ratio in terms of volume	53,72%	53,75%	53,66%	54,00%	53,47%

Table 10 (continued)

Payments processed by selected interbank funds transfer systems: Value of transactions¹⁾

(EUR billions, total for the year)

	2002	2003	2004	2005	2006
Other payment systems					
Retail Payment System (RPS)					
Total transactions sent	2.111,85	2.101,25	2.122,66	2.101,33	2.194,68
<i>of which</i>					
National transactions sent	2.111,85	2.101,25	2.122,66	2.101,33	2.194,68
Credit transfers	886,06	974,64	1.068,52	1.130,72	1.229,53
<i>of which</i>					
<i>non-paper based credit transfers</i>	886,06	974,64	1.068,52	1.130,72	1.229,53
Direct debits and cheques ²⁾	1.225,79	1.126,62	1.054,14	970,61	965,15
Concentration ratio in terms of volume	nav	20,20%	18,70%	16,70%	16,70%

1) Differences are due to rounding.

2) Includes direct debits and other payment instruments which are technically processed like direct debits such as debit card payments, ATM transactions, e-money payments and cheques.

Table 11a
Instructions handled by trading platforms, clearing houses and securities settlement systems: volume of transactions
 (millions, total for the year)

	2002	2003	2004	2005	2006
Trading platforms					
Xetra					
Number of Trades	60,0	71,4	69,4	81,3	107,7
Number of units	58.467,6	71.408,7	68.677,8	77.100,9	89.320,2
Frankfurt (Floor)					
Number of Trades	86,7	70,1	66,7	79,8	98,2
Number of units	654.085,8	661.497,4	593.317,3	565.711,8	577.961,6
Eurex ¹⁾					
Volume of contracts traded	801,2	1.014,9	1.065,6	1.247,5	1.526,8
Volume of trades	44,6	56,2	48,6	44,8	48,1
Central Counterparty					
Eurex Clearing (Equities) ²⁾³⁾					
Xetra					
Number of Trades (million)	nap	44,9	58,0	70,0	73,53 ³⁾
Number of units (million)	nap	43.089,3	58.468,0	70.111,7	nav
Frankfurt (Floor)					
Number of Trades (million)	nap	8,1	9,0	12,1	nav
Number of units (million)	nap	6.457,4	7.528,6	10.191,3	nav

1) Trades are cleared via Eurex Clearing.

2) Eurex Clearing (Equities) started business in March 2003. Figures for 2003 are partly estimated.

3) Since 2006 are only aggregated data of Xetra and Frankfurt (Floor) available.

Table 11b
Instructions handled by trading platforms, clearing houses and securities settlement systems: value of transactions
 (EUR billions, total for the year)

	2002	2003	2004	2005	2006
Trading platforms					
Xetra					
	1.833,9	1.737,0	1.874,7	2.346,7	3.315,5
Frankfurt (Floor)					
	1.207,0	1.039,3	927,9	928,0	927,9
Eurex ¹⁾					
	56.003,5	71.250,8	74.926,6	90.334,5	105.998,7
Central Counterparty					
Eurex Clearing (Equities) ²⁾³⁾					
Xetra Value	nap	1.176,6	1.684,8	2.243,4	1848,0 ³⁾
Frankfurt Value	nap	106,3	141,1	146,2	nav

1) Trades are cleared via Eurex Clearing.

2) Eurex Clearing (Equities) started business in March 2003. Figure for 2003 is partly estimated.

3) Since 2006 are only aggregated data of Xetra and Frankfurt (Floor) available.

Table 11c
Number of participants in trading platforms and clearing houses
 (end of year)

	2002	2003	2004	2005	2006
Trading systems					
Eurex	424	406	407	389	388
Clearing house					
Eurex Clearing (Equities)	nap	317	323	284	260