# Documentation of the Bundesbank Online Panel Pilot Survey of Firms

## Wave 2

Deutsche Bundesbank Research Centre

Version: 1.0 (25.08.2020)

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#### **Notes**

#### 1. General coding

For all questions, the following codes apply.

-9999	Dropout: The respondent did not answer the question due to dropout		
-9998	No answer: The respondent clicked on "keine Angabe" instead of answering the question		
-9997	Don't know: The respondent clicked on "weiß nicht" instead of answering the question		
-9996	Does not apply: The respondent clicked on "trifft auf mein Unternehmen nicht zu" instead of		
-9996	answering the question		
-6666	Does not apply: The question or response option was not shown to the respondent due to filters or		
-0000	prior item-nonresponse		
-5555	-5555 Recoded by BBk: A coding or data error that was recorded by the Bundesbank		

#### 2. Legend for question header

Each question header includes information on the name of the question, whether it was part of the core questionnaire ("CORE"), included for a specific project ("PRO"), or part of descriptive statistics ("DESCRIPT"), the broad topic and the variable name(s).

Legend	Question name	Question source	Topic	Variable name
Example 1	003	CORE	Perceived problems	percprob_[a-j]
Example 2	103	PRO	Supply chains qualitative	suppchains_[a-b]

#### 3. Question filtering and coding

Coding details, filters and conditional redirects are highlighted by Courier. If questions are posed to all respondents, this is not explicitly stated. For filtered questions, the filter is listed at the top and refers to the question name, e.g.:

103	PRO	Supply chain problems domestic or foreign	suppchain_[a-b]
Input filt	er: 001_d =	6   7   8   9   10	

#### 4. Variable names

Variable names are indicated in the top right corner. In case the question has multiple items, the items are indicated by underscores and a letter. Enumeration letters correspond to variable names. The coding of the variables is numeric and indicates the scale.

001	CORE	Perceptions qualitative	percmacroquali_[a-g]		
QUESTION: How have the following metrics developed in your enterprise in August 2020?					
1 = decreased	d significantly				

- 2 = decreased slightly
- 3 = stayed roughly the same
- 4 = increased slightly
- 5 = increased significantly
- -9996 = does not apply to my enterprise
- b Employment (measured in hours worked)
- c Access to intermediate inputs
- d Current trade receivables
- e Current trade payables
- f Short-term liquidity
- g Need for credit financing
- Access to financing sources
- Inventories (stock of intermediate products and finished goods)

# Structure of the questionnaires and the dataset

Variable name	Topic	Wave 2	Origin
percmacroquali_[a-i]	Perceptions qualitative	001	Core
expmacroquali_[a-h]	Expectations qualitative	002	Core
percprob_[a-h]	Perceived problems	003	Core
covjobloss_[a-g]	Covid-19-related job losses short time work	201	Pro
vatred_quali	VAT reduction	202	Pro
vatredreason1_[a-g]	VAT reduction reason 1	203A	Pro
vatredreason2_[a-f]	VAT reduction reason 2	203B	Pro
vatredreason3_[a-h]	VAT reduction reason 3	203C	Pro
vatredreason4_[a-h]	VAT reduction reason 4	203D	Pro
vatredreason5_[a-e]	VAT reduction reason 5	203E	Pro
vatinc_quali	VAT increase	204	Pro
vatincreason1_[a-g]	VAT increase reason 1	205A	Pro
vatincreason2_[a-f]	VAT increase reason 2	205B	Pro
vatincreason3_[a-h]	VAT increase reason 3	205C	Pro
vatincreason4_[a-g]	VAT increase reason 4	205D	Pro
vatincreason5_[a-e]	VAT increase reason 5	205E	Pro
financingquali_[a-g]	Financing sources qualitative	010	Core
fintechuse_[a-g]	Fintech / Bigtech use	206	Pro
fintechsubst	Fintech / Bigtech substitution	207	Pro
creduse1_[a-b]	Credit use 1	004	Core
creduse2	Credit use 2	005A	Core
nocredreasons	Reasons for no credit	005B	Core
deferrals1_[a-f]	Existence of deferrals	208	Pro
deferrals2_[a-e]	Deferrals: details on bank credit	209	Pro
consent	Firm characteristics implicit	firmid	Descript
firmemploy	Firm characteristics explicit employment	firmemploy	Descript
firmturnover	Firm characteristics explicit turnover	firmturnover	Descript
firmsector	Firm characteristics explicit economic sector	firmsector	Descript
firmregion	Firm characteristics explicit region	firmregion	Descript
respondenttype_[a-k]	Characteristics of respondent	respondenttype	Descript
feedback_[a-b]	Feedback questions	006	Core
feedbackopen	Open feedback question	007	Core
panel	Panel participation	008	Core
contact	Contact	009	Core

000 CORE OPENING 1

Welcome to the survey of firms conducted on behalf of the Deutsche Bundesbank.

#### Important information about the survey:

- To navigate through the survey, please only use the "continue" button at the bottom of the
  questionnaire. Please do <u>not</u> use the buttons in your browser or the back button on your phone
  or tablet.
- To ensure that the individual questions are displayed correctly, use an up-to-date browser such as Google Chrome, Mozilla Firefox (version 12 or later), Apple Safari (version 6 or later), Opera (version 20 or later) or Microsoft Edge. Using older browsers, particularly Internet Explorer 8 and earlier, can result in limitations in the design and ease of use.
- During the survey, there is no option to go back to questions previously answered. If you would
  like an overview of the full questionnaire, please visit bundesbank.de/unternehmensstudie.

If you have any questions, problems or comments about navigating this questionnaire, you can contact the forsa Support Team Monday to Friday from 09:00 to 18:00 (CET) on the free telephone number 0800 3677202 or by email at online-befragung@forsa.de. If you have any questions or comments on the contents of the survey, please contact the Bundesbank's project team by calling +49 (0)69 9566 4396 or emailing unternehmensbefragung@bundesbank.de.

000 CORE OPENING 2

Thank you for taking the time to complete this survey. The Deutsche Bundesbank would like to know how the coronavirus crisis has been affecting your enterprise over time and what you are currently expecting for the future.

It will take around 15 minutes to answer the questions. Your answers will be treated confidentially. Please help us by answering the questions as carefully as possible.

The Deutsche Bundesbank attaches particular importance to protecting your data. All information you provide will be treated confidentially, in accordance with the legal provisions. Only a few employees at a Bundesbank data trustee will see your survey data after pseudonymisation. When Bundesbank employees receive your data, these data will be effectively anonymous. Published results are completely anonymous and therefore do not allow any conclusions to be drawn about your enterprise. Your answers will help the Deutsche Bundesbank to fulfil its statutory tasks (to learn more about the Bundesbank's tasks, please click <a href="here">here</a>). Only effectively anonymised data can be passed on to research institutions for research purposes that are related to the Bundesbank's tasks. You can find more information, details of contact persons for technical issues and selected results of the survey on the Bundesbank's website: <a href="https://www.bundesbank.de/unternehmensstudie">www.bundesbank.de/unternehmensstudie</a>.

Your participation in our survey is of course voluntary. By participating in this survey, you give your consent for your data to be stored, processed and shared for the purposes of the Deutsche Bundesbank fulfilling its tasks. You may withdraw your consent at any time. However, withdrawing your consent shall not affect the lawfulness of any processing that has taken place on the basis of this declaration of consent before it was withdrawn.

#### The following paragraph is shown only to newcomers, not to panellists:

During the survey, we will ask for your consent two more times: first, to let us link the survey data with company statistics, and second, to let us survey you again. (You can find out more about this here). Needless to say, you can choose not to consent to the above, though we would ask you to take part in the survey and fill in the other information. Your data will help the Deutsche Bundesbank fulfil its statutory tasks.

# 001 CORE Perceptions qualitative percmacroquali\_[a-i]

After the term "Access to financing sources", an info box (i) with the following definition is shown: "Access to financing sources describes the possibility of using various forms of external financing to finance your business activities, e.g. bank loans, trade credits, equity, debt securities or other financing instruments. If the possibilities of using these sources have deteriorated, please state 'decreased'."

After the term "Access to intermediate inputs", an info box (i) with the following text is shown: "If access to intermediate inputs has deteriorated, please state 'decreased'."

#### QUESTION: How have the following metrics developed in your enterprise in August 2020?

- 1 = decreased significantly
- 2 = decreased slightly
- 3 = stayed roughly the same
- 4 = increased slightly
- 5 = increased significantly
- -9996 = does not apply to my enterprise
- a Sales
- b Employment (measured in hours worked)
- c Access to intermediate inputs
- d Current trade receivables
- e Current trade payables
- f Short-term liquidity
- g Need for credit financing
- h Access to financing sources
- i Inventories (stock of intermediate products and finished goods)

002 CORE Expectations qualitative expmacroquali\_[a-h]

**QUESTION:** What developments do you expect in the following metrics in your enterprise <u>over the</u> <u>next six months?</u> Will ...

- 1 = decrease significantly
- 2 = decrease slightly
- 3 = stay roughly the same
- 4 = increase slightly
- 5 = increase significantly
- -9996 = does not apply to my enterprise
- a Sales
- b Employment (measured in hours worked)
- c Access to intermediate inputs
- d Current trade receivables
- e Current trade payables
- f Short-term liquidity
- g Need for credit financing
- h Sales prices in Germany

003	CORE	Perceived problems	percprob_[a-h]
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Order of the first eight categories is generated randomly for each respondent.

After the term "access to financing sources", an info box (i) with the following definition is shown: "Access to financing sources describes the possibility of using various forms of external financing to finance your business activities, e.g. bank loans, trade credits, equity, debt securities or other financing instruments."

# **QUESTION:** How problematic do you think the following aspects will be for your enterprise <u>over the</u> <u>next six months?</u>

- 1 = No problem at all
- 2->4[no label]
- 5 = An extremely pressing problem
- -9996 = does not apply to my enterprise

Please select the answers that apply.

- a Lack of customer demand
- b High competitive pressure
- c Access to financing sources
- d Access to intermediate inputs
- e High production/labour costs
- f Availability of skilled workers and experienced managers
- g High level of regulation/government rules
- h Closures or work restrictions due to the coronavirus pandemic

201	PRO	Covid-19-related job losses short-time work	covjobloss_[a-g]
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**QUESTION**: If your enterprise has introduced short-time work due to the coronavirus pandemic: what percentage of employees affected by short-time work do you think could lose their jobs in your enterprise permanently if a second wave of infection leads to further restrictions?

- a 0-10%
- b 11-20%
- c 21-30%
- d 31-40%
- e 41-50%
- f over 50%
- g have not introduced short-time work

202 PRO	VAT reduction	vatred_quali
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QUESTION: The government decided to temporarily reduce VAT from 1 July to 31 December 2020.

Did you lower your prices (on average across all products or services) in July or shortly before?

- 1 = Yes, actually by more than the pure tax cut.
- 2 = Yes, exactly in line with the tax cut.
- 3 = Yes, by more than half of the tax cut.
- 4 = Yes, by less than half of the tax cut.
- 5 = No, our prices are (almost) unchanged.
- 6 = No, we have increased our prices.
- -9996 = does not apply to my enterprise

203A	PRO	VAT reduction reason 1	vatredreason1_[a-g]
Input filter: 202 = 1			

Keep 202 visible when asking 203A

**QUESTION**: What were the most important reasons for this?

Please select all answers that apply.

- 0 = category not selected
- 1 = category selected
- a The price that would correspond to the tax cut would have been too "odd".
- b Because we had already planned to lower our prices before the tax cut.
- c We recalculated our prices on account of the tax cut.
- d As we expected our competitors to do the same.
- $e\quad \hbox{Greater price reductions than that of the pure tax cut would be required to truly attract customers.}$
- f Other (please specify): [Input field] vatredreason1\_g

203B	PRO	VAT reduction reason 2	vatredreason2_[a-f]	
Input filter: 202 = 2				
Keep 202 visible when asking 203B				

**QUESTION**: What were the most important reasons for this?

- 0 = Category not selected
- 1 = Category selected
- a As we expected our competitors to do the same.
- b We assumed our customers would expect this.
- c Because we had already planned to lower our prices before the tax cut.
- d Our buyers are entitled to input tax deductions and would experience a loss otherwise.
- e Other (please specify): [Input field] vatredreason2\_f

203	BC	PRO	VAT reduction reason 3	vatredreason3_[a-h]
Input filter: $202 = 3$		ter: $202 = 3$	4	

Keep 202 visible when asking 203C

**QUESTION**: What were the most important reasons for this?

Please select all answers that apply.

- 0 = category not selected
- 1 = category selected
- a We lost too much profit as a result of the coronavirus pandemic to pass on the reduction in full.
- b The price that would correspond to the tax cut would have been too "odd".
- c We recalculated our prices on account of the tax cut.
- d As we expected our competitors to do the same.
- e Because we had actually planned to raise our prices before the tax cut and have offset this price increase against the tax cut.
- f Because since then we have reduced prices again, or by the end of the year we will reduce prices again.
- g Other(please specify): [Input field] vatredreason3\_h

203D	PRO	VAT reduction reason 4	vatredreason4_[a-h]
Input filter: 202 = 5			

Keep 202 visible when asking 203D

**QUESTION**: What were the most important reasons for this?

Please select all answers that apply.

0 = category not selected

1 = category selected

- a Because the costs would be disproportionate given the short validity of the tax cut.
- b The price that would correspond to the tax cut would have been too "odd".
- c We lost too much profit as a result of the coronavirus pandemic to pass on the reduction.
- d We reviewed our prices on account of the tax cut and left them unchanged on balance.
- e Because we had actually planned to raise our prices before the tax cut and left them unchanged on balance.
- f Because since then we have reduced prices again, or by the end of the year we will reduce prices again.
- g Other (please specify): [Input field] vatredreason4\_h

203E   PRO   VAT reduction reason 5   vatredreason5_[a-e]	203E PR	VAT reduction reason 5	vatredreason5_[a-e]
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Input filter: 202 = 6

Keep 202 visible when asking 203E

**QUESTION**: What were the most important reasons for this?

- 0 = category not selected
- 1 = category selected
- a We lost too much profit as a result of the coronavirus pandemic.
- b We recalculated our prices on account of the tax cut.
- c Because we had already planned to increase our prices before the tax cut.
- d Other (please specify): [Input field] vatredreason5\_e

204 PRO VAT increase	vatinc_quali
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**QUESTION**: Do you plan to increase prices (on average across all products or services) when the VAT cut is reversed?

- 1 = Yes, actually by more than the pure tax increase.
- 2 = Yes, exactly in line with the tax increase.
- 3 = Yes, by more than half of the tax increase.
- 4 = Yes, by less than half of the tax increase.
- 5 = No, we will leave our prices (almost) unchanged.
- 6 = No, we will lower our prices.
- -9996 = does not apply to my enterprise

	205A	PRO	VAT increase reason 1	vatincreason1_[a-g]
Input filter: 204 = 1		ter: 204 = 1		

Keep 204 visible when asking 205A

QUESTION: What are the most important reasons for this?

Please select all answers that apply.

- 0 = category not selected
- 1 = category selected
- a The price that would correspond to the tax increase would be too "odd".
- b Because we had already planned to increase our prices before the tax cut.
- c We recalculated our prices on account of the tax increase.
- d As we expected our competitors to do the same.
- e As this corresponds to the reversal of the (VAT-related) price change carried out in the summer.
- f Other(please specify): [Input field] vatincreason1\_g

205B	PRO	VAT increase reason 2	vatincreason2_[a-f]
Input filter: 204 = 2			

Keep 204 visible when asking 205B

QUESTION: What are the most important reasons for this?

- 0 = category not selected
- 1 = category selected
- a As we expect our competitors to do the same.
- b We assume that customers are expecting this and that demand will therefore not fall sharply.
- c Because we had already planned to increase our prices before the tax cut.
- d As this corresponds to the reversal of the (VAT-related) price change carried out in the summer.
- e Other (please specify): [Input field] vatincreason2\_f

205C	PRO	VAT increase reason 3	vatincreason3_[a-h]		
T 611	Trans. 5:1+on: 204 - 2   4				

Input filter: 204 = 3 | 4

Keep 204 visible when asking 205C

**QUESTION**: What are the most important reasons for this?

Please select all answers that apply.

- 0 = category not selected
- 1 = category selected
- a The price that would correspond to the tax increase would be too "odd".
- b Because we had already planned to increase our prices before the tax cut.
- c Because we had actually planned to lower our prices before the tax cut, and this price cut will be offset by the reversal of the tax cut.
- d We recalculated our prices on account of the tax increase.
- e As we expect our competitors to do the same.
- f As this corresponds to the reversal of the (VAT-related) price change carried out in the summer.
- g Other (please specify): [Input field] vatincreason3\_h

205D	PRO	VAT increase reason 4	vatincreason4_[a-g]
Input filter: 204 = 5			

Keep 204 visible when asking 205D

**QUESTION**: What are the most important reasons for this?

Please select all answers that apply.

0 = category not selected

1 = category selected

- a The price that would correspond to the tax increase would be too "odd".
- b Because we had actually planned to lower our prices before the tax cut and this price cut will be offset by the reversal of the tax cut.
- c We recalculated our prices on account of the tax increase.
- d As we expect our competitors to do the same.
- e Because the costs would be disproportionate.
- f Other (please specify): [Input field] vatincreason4\_g

205E	PRO	VAT increase reason 5	vatincreason5_[a-e]

Input filter: 204 = 6

Keep 204 visible when asking 205E

**QUESTION**: What are the most important reasons for this?

- 0 = category not selected
- 1 = category selected
- a Because we had already planned to reduce our prices before the tax cut.
- b We recalculated our prices on account of the tax increase.
- c As we expect our competitors to do the same.
- d Other (please specify): [Input field] vatincreason5\_e

#### 010 CORE Financing sources qualitative financing quali\_[a-g]

After the term "government-sponsored loans", an info box (i) with the following definition is shown: "Government-sponsored loans include, for example, public sector support in the form of guarantees or reduced interest rates or funding grants."

For each individual answer, separate options "No answer" and "Don't know" are supplied as a soft prompt, i.e. after clicking "continue" without having answered.

**QUESTION:** How important were the following financing sources for your enterprise in June and July 2020?

- 1 = Not at all important
- 2 = Not important
- 3 = neither/nor
- 4 = Important
- 5 = Very important

For more information, please click on the (i) button.

- a Retained earnings
- b Bank loans (excluding overdrafts)
- c Overdrafts
- d Government-sponsored loans
- e Trade credits (including advances and trade payables)
- f Equity
- g Other instruments (debt securities, other loans (including to affiliated enterprises), leasing/rental purchase and factoring)

206	PRO	Fintech / Bigtech use fintecchuse_[a-g]	
Input fil	ter: 010_b =	3, 4, 5 or $010_e = 3$ , 4, 5 or $010_f = 3$ , 4, 5 or $010_g = 3$	3,
4, 5			

**QUESTION**: Have you used services from fintech or bigtech enterprises for your financing?

- 0 = category not selected
- 1 = category selected
- a Yes, for equity financing
- b Yes, for debt financing
- c Yes, for real estate financing
- d Yes, for factoring
- e Yes, in another area (please specify): [Input field] fintechuse\_f
- g No, we have not.

Input filter: 206\_a = 1 or 206\_b = 1 or 206\_c = 1 or 206\_d = 1 or 206\_e = 1

**QUESTION**: As an alternative, would you have looked for the financing that was provided by a fintech or bigtech enterprise via a traditional commercial bank?

- 1 = Yes, without the fintech/bigtech enterprise we would have sought the same form of financing via a commercial bank.
- 2 = Yes, without the fintech/bigtech enterprise we would have obtained financing through a commercial bank, but not in the same form.
- 3 = No, financing via a commercial bank would not be an option for us.

### 004 CORE Credit use 1 creduse1\_[a-b]

After the term "government-sponsored loans", an info box (i) with the following definition is shown: "Government-sponsored loans include, for example, loans subsidised by KfW or by state promotional banks."

**QUESTION:** In June or July 2020, did your enterprise negotiate with one or more banks with a view to taking out a loan or establishing a credit line?

Note: this does not include any government-sponsored loans.

- 1 = Yes
- 2 = No
- a regardless of the coronavirus crisis
- b because of the coronavirus crisis

	005A	CORE	Credit use 2	creduse2
<pre>Input filter: creduse1_a = 1 and/or creduse1_b = 1</pre>				
	Keep 004	visible whe	en asking 005A/005B	

#### **QUESTION:** What was the outcome of the negotiations?

- 1 = Loan/credit line was approved for the desired amount at the desired conditions (interest, collateral).
- 2 = Loan/credit line was approved for the desired amount but at less favourable conditions.
- 3 = Loan/credit line was approved for a smaller amount, but at the desired conditions.
- 4 = Loan/credit line was approved for a smaller amount and at less favourable conditions.
- 5 = No decision has yet been made regarding the loan application.
- 6 = Loan negotiations ended without approval.

005B	CORE	Reasons for no credit	nocredreasons
Input fil	ter: credus	$sel_a = 2$ and $credusel_b = 2$ ; $credusel_a = 2$	and creduse1_b = -
9997   -9	998; credus	sel_a = -9997   -9998 and credusel_b = 2	
Keep 004	visible whe	en asking 005A/005B	

# **QUESTION:** What was the reason?

- 1 = Not required
- 2 = Unlikely to be successful
- 3 = No longer required; planned borrowing postponed/cancelled due to current developments

208	PRO	Existence of deferrals	deferrals1_[a-f]
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QUESTION: Has your enterprise made use of deferrals of payment obligations since March 2020?

Please select all answers that apply.

- 0 = category not selected
- 1 = category selected
- a Yes, for bank loans
- b Yes, for tax payments
- c Yes, for social security contributions
- d Yes, for intermediate inputs/services (e.g. rent, deliveries)
- e Yes, for other payment obligations

209	PRO	Deferrals: details on bank credit	deferrals2_[a-e]	
Input filter: 208 a = 1				

**QUESTION**: Use was made of deferrals with regard to payment obligations arising from bank loans. What changes were made to the original loan agreement for the period of deferral?

Please select all answers that apply.

- 0 = category not selected
- 1 = category selected
- a The agreed **interest payments** were **reduced** for the period of deferral.
- b The agreed interest payments were suspended completely for the period of deferral.
- c The originally agreed **repayments** were **reduced** for the period of deferral.
- d The originally agreed **repayments** were **suspended in full** for the period of deferral.
- e The term of the bank loan has been extended.

consent	DESCRIPT	Firm characteristics implicit	firmid	
Only newcomers are to be asked				

In order to complete the information we collect, we need to categorise it. When evaluating the results of the survey, the Deutsche Bundesbank would therefore like to feed in data it has obtained through fulfilling its tasks and which are saved in a separate database of enterprises at its premises in Frankfurt. If you do not consent to this, the Deutsche Bundesbank will rely on you to categorise this information yourself by means of additional questions. As you can see, these questions relate to the size, balance sheet, legal form, economic sector and other structural details of your enterprise. We require your consent to feed these data into the survey data.

The information is compiled at a data trustee unit – the Deutsche Bundesbank's Research Data and Service Centre (RDSC). The security of your data is ensured when this information is subsequently processed at the RDSC. Of course, your consent is voluntary. You may withdraw it at any time. However, withdrawing your consent shall not affect the lawfulness of any processing that has taken place on the basis of this declaration of consent before it was withdrawn.

- 1 = Yes, consent granted.
- 2 = No, consent not granted.
- 3 = I am not authorised to grant consent.

firmemploy	DESCRIPT	Firm characteristics explicit	firmemploy
Initilemploy	DESCRIPT	employment	ппетроу

Only newcomers are to be asked

**QUESTION:** How many employees did your enterprise have on 31 December 2019?

- 1 = 1 to 10 employees
- 2 = 11 to 50 employees
- 3 = 51 to 200 employees
- 4 = 201 to 1,000 employees
- 5 = More than 1,000 employees

	firmturnover DESCRIPT Firm characteristics explicit turnover firmturnover
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Only newcomers are to be asked

Volume of business and value added (i.e. the enterprise's own performance) are key drivers of developments in employment. By volume of business, we generally mean sales (excluding VAT); for banks/credit institutions, we mean gross interest income, commission income and net trading income; for insurance corporations, we mean gross contribution receipts.

**QUESTION:** What was the volume of business of your enterprise in 2019?

- 1 = €1 to €1 million
- 2 = More than €1 million and up to €7 million
- 3 = More than €7 million and up to €34 million
- 4 = More than €34 million and up to €229 million
- 5 = More than €229 million

firmsector	DESCRIPT	Firm characteristics explicit economic	firmsector
IIIIISECCOI	DESCRIPT	sector	IIIIISECTOI

Only newcomers are to be asked

After the term "Wirtschaftszweig", an info box (i) with the following explanation is shown: "All economic sectors according to the IAB Establishment Panel classification are listed here."

#### **QUESTION:** To which economic sector does your enterprise best belong?

For more information, please click on the (i) button.

- 1 = Agriculture, hunting and forestry, fishing
- 2 = Mining and quarrying, electricity and water supply
- 3 = Sewerage and waste management; recycling
- 4 = Food and beverages
- 5 = Non-durable consumer goods
- 6 = Producer goods
- 7 = Capital and durable consumer goods
- 8 = Construction
- 9 = Wholesale trade; sales, maintenance and repair of motor vehicles
- 10 = Retail trade
- 11 = Transport and storage
- 12 = Information and communication
- 13 = Accommodation and food services
- 14 = Financial and insurance services
- 15 = Professional, scientific and technical activities
- 16 = Education
- 17 = Human health and social work
- 18 = Other services
- 19 = Activities of membership organisations
- 20 = Public administration and defence; social security

firmregion DESCRIPT Firm characteristics explicit region firmregion

Only newcomers are to be asked

QUESTION: In which federal state is your enterprise's head office in Germany based?

- 1 = Baden-Württemberg
- 2 = Bavaria
- 3 = Berlin
- 4 = Brandenburg
- 5 = Bremen
- 6 = Hamburg
- 7 = Hesse
- 8 = Mecklenburg-West Pomerania
- 9 = Lower Saxony
- 10 = North Rhine-Westphalia
- 11 = Rhineland-Palatinate
- 12 = Saarland
- 13 = Saxony
- 14 = Saxony-Anhalt
- 15 = Schleswig-Holstein
- 16 = Thuringia

Only newcomers are to be asked

We would now like to learn more about your role in your enterprise.

Please select all answers that apply.

**QUESTION:** In which area of your enterprise do you work?

- [a] Management board
- [b] Finance/controlling/accounting
- [c] Sales/marketing/communication
- [d] Another area (please specify): [Input field] respondenttype\_e

**QUESTION:** Which job title best describes your role?

- $[f] \ Owner/executive \ director/member \ of \ the \ management \ board/holder \ of \ a \ general \ commercial \ power \ of \ attorney$
- [g] Head of division
- [h] Team leader
- [i] Clerical officer
- [j] Other (please specify): [Input field] respondenttype\_k

006 CORE Feedback questions	feedback_[a-b]
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We would now like you to answer a few questions regarding your assessment of the survey.

**QUESTION**: How difficult did you find the survey overall?

- 1 = very difficult
- 2 = somewhat difficult
- 3 = partly difficult/partly easy
- 4 = somewhat easy
- 5 = very easy

**QUESTION**: How did you find the length of the survey?

- 1 = far too long
- 2 = somewhat too long
- 3 = just right
- 4 = somewhat too short
- 5 = far too short

007	CORE	Open feedback question	feedbackopen
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Variable is not included in the scientific use file.

**QUESTION**: If you have any comments, criticism or suggestions regarding the survey, then you can enter them here.

Please type your answer in the text field.

[Input field]

008	CORE	Panel participation	panel	
Only newcomers are to be asked				

**QUESTION:** In order to find out how you continue to manage the crisis and how your enterprise develops over the next few years, going forward, we would like to invite you to complete a survey at intervals of one to six months. We will need to keep your contact details on file so that we can get in

touch with you about the new survey. To do this, we require your consent under the Data Protection Act.

Your contact details will be kept separately from the questionnaire and solely for the purpose of this further survey. They will never be traced to the answers you have provided. Your information will remain anonymous as described above and your data will never be passed on to third parties. Once the last survey is complete, your contact details will be permanently deleted. The data protection statement on the processing of personal contact details, as well as contact details for the data protection officers and information about the rights of data subjects can be found in the general data protection notice at <a href="https://www.bundesbank.de/unternehmensstudie">www.bundesbank.de/unternehmensstudie</a>.

We would be very grateful if you decided to continue participating in our research project. Of course, this is also voluntary and you can withdraw your consent at any time.

I agree that my address may be kept on file for further surveys: (please select)

1 = yes

2 = no

009	CORE	Contact	contact
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Only newcomers are to be asked

**QUESTION:** So that we can get in touch with you more easily, please provide us with an email address that we can use to contact your enterprise regarding a further survey. This email address will not be used for any other purpose and will be treated like your other contact details.

[Input field]