Documentation of the
Bundesbank Consumer Expectations Survey

Wave 11

Deutsche Bundesbank

Research Centre

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 "No answer" instead of answering the question
-9997	Don't know: The respondent clicked "Don't know" instead of answering the question
-6666	Does not apply: The question or response option was not shown to the respondent due to filters or prior item non-response
-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") or was specifically included for a research project ("Pro"), the broad topic and the variable name(s).

Legend	Question name	Question source	Topic	Variable name
Example 1	001	Core	Current policy issue	currsit
Example 2	101	Pro	Risks owning/renting	rentorbuy_[a-i, _other]

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 at the top and refers to the question name, e.g.:

003B	Core	Intention to buy property	intbuyprop_owner
`Input filter: 002 == 2	3	4`			

4. Variable names

Variable names are indicated in the top right corner. If 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.

004	Core	Expectations qualitative	expmacroquali_[a-f]
After the term "inflation rate", an info box (i) with the following definition is shown: "Inflation is the percentage increase in the general price level. It is mostly measured using the consumer price index."			
Order of items a-f is generated randomly for each respondent.			

Now we would like to ask you about your assessment of general economic developments in Germany over the next twelve months.

QUESTION: What developments do you expect in the following metrics over the next twelve months? Will ...

1 = decrease significantly
2 = decrease slightly
3 = stay roughly the same
4 = increase slightly
5 = increase significantly

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

a   the unemployment rate in Germany
b   rents in your area
c   lending rates
d   interest rates on savings accounts
e   the inflation rate (i)
f   property prices in your area

Structure of the questionnaires and the dataset

Variable name	Topic	Wave 11	Origin
currsit_text	Current policy issue	001	Core
expmacroquali_[a-h]	Expectations qualitative	004	Core
homeown	Home ownership	002	Core
exphp_point	House price expectations quantitative	1101	Core
devinfpoint	Inflation development	1102	Core
infdef	Inflation expectations qualitative	005A	Core
inflexppoint	Inflation expectations quantitative	005B	Core
infexprob_[a-j]	Inflation expectations probabilistic	1103	Core
gdp_past_[a,b]	GDP Growth PAST	1104A	Core
gdp_past_value_[a,b]	GDP Growth PAST	1104B	Core
expgdp_[a-l]	GDP expectations probability	1105	Core
corona_kreis_[a,b]	Coronavirus regional impact	1106	2020_002
corona_aktuel_[a,b]	Coronavirus regional impact present	1107A	2020_002
corona_aktuel_[c,d]	Coronavirus regional impact present	1107B	2020_002
corona_impact	Coronavirus individual impact	1108	2020_002
corona_impactind_[a,d]	Coronavirus individual impact	1109	Core Corona
corona_impacreason_[a,g]	Coronavirus individual impact	1110	Core Corona
incexp_[a-l]	Income expectations probability	1111	Core
payment_behav_[a-g]	Typical payment behaviour	1112	Z
spendintent_[a-i]	Planned expenditure	1113	Core
intent_corona_[a-e]	Attitudes and intentions	1114	PRO T1
behachange_[a-k]	Actions to fight climate change	1115A	PRO T1
behachange_[a-e][1-5]	Actions to fight climate change	1115B	PRO T1
trust_[a,e]	Trust in institutions	1116	PRO 04
info_treatment	Informed about treatment	1117	PRO 04
post_expgdp_[a-l]	GDP expectations probability	1118	PRO 04
incexp_post_[1,2]	Income expectations probability - POST	1119A	PRO 04
incexpmode_post	Income expectations probability - POST	1119A	PRO 04
incexpmax_post	Income expectations probability - POST	1119B	PRO 04
incexpmin_post	Income expectations probability - POST	1119B	PRO 04
multiplier	Believe measure has an effect	1120	PRO 04
tax_exp_[a,b]	Expected tax burden	1121	PRO 04
restr_corona_[a-b]	Coronavirus	1122	Core Corona
corona_restr_[b,c]	Coronavirus	1123	Core Corona
qinterest	Feedback questions 1	009	Core
qeasy	Feedback questions 2	009	Core
qlong	Feedback questions 3	009	Core
feedbackopen	Open feedback question	010	Core
feedbackhelp_[a,b]	Feedback on aids used	011	Core
eastwest1989	Residence in 1989	eastwest1989	Core
eduschool	Education school	eduschool	Soz
eduwork	Professional education	eduwork	Soz
employ	Employment status 1	employ	Soz
employ2	Employment status 2	employ2	Soz
profession	Profession	profession	Soz
hhsize	Household size	hhsize	Soz
hhchildren	Household children	hhchildnum	Soz
agechild[1-...]	Children age	agechild	Soz

hhinc	Household income	hhinc	Soz
pinc	Personal income	pinc	Soz

000	Core	OPENING 1

Welcome to a new survey in forsa.omninet.

Important information concerning the study:
- To navigate through the survey, please only use the "Continue" button at the bottom of the screen. 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 limited functionality in terms of design and ease of use.

If you have any questions, problems or comments concerning the content, operability or look of the survey, you can contact the forsa.omninet Support Team from Monday to Friday between 09:00 and 18:00 on the free telephone number 0800 3677 201 or by email at omninet@forsa.de.

000	Core	OPENING 2

Thank you for taking the time to complete this survey that we are conducting on behalf of the Deutsche Bundesbank.

It will take roughly 20 minutes to complete. We would like to ask you about your expectations regarding economic developments. There is no right or wrong answer for most of the questions – we are interested in your views and opinions. Your answers will be treated confidentially. It will help us a great deal if you answer the questions as carefully as possible.

If you are unable or do not want to answer a question, simply click CONTINUE until the next question appears.

000	Core	OPENING 3

We assure you that the data we collect will only be used in anonymised form to assist the Deutsche Bundesbank in fulfilling its tasks as part of the European System of Central Banks. This includes, for example, use of the data for monetary policy and financial stability purposes, including research.

Likewise, the data will only be shared in anonymised form and on a project-by-project basis with research bodies for non-commercial research purposes. The data we collect are stored, processed and shared in such a way as to prevent them being linked to you personally. The data are therefore anonymous. By participating in this survey, you give your consent for your data to be stored, processed and shared for the purposes stated above.

You will find more information, details of how to contact the project team and selected results of the survey on the Bundesbank's website:
https://www.bundesbank.de/en/bundesbank/research/pilot-survey-on-consumer-expectations/bundesbank-online-pilot-survey-on-consumer-expectations-794568

001	Core	Current policy issue	currsit_text

Variable is not included in the scientific use file.

QUESTION: To begin with, we would like to ask you a general question: what, in your opinion, are the three most important problems in Germany at present?

Please type your answer in the text field.

[Input field]

004	Core	Expectations qualitative	expmacroquali_[a-h]

After the term "inflation rate", an info box (i) with the following definition is shown: "Inflation is the percentage increase in the general price level. It is mostly measured using the consumer price index."

Order of the eight categories is generated randomly for each respondent.

Now we would like to ask you about your assessment of general economic developments in Germany over the next twelve months.

QUESTION: What developments do you expect in the following metrics over the next twelve months? Will …

1 = decrease significantly

2 = decrease slightly

3 = stay roughly the same

4 = increase slightly

5 = increase significantly

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

a   the unemployment rate in Germany

b   rents in your area

c   lending rates

d   interest rates on savings accounts

e   the inflation rate (i)

f   property prices in your area

g   economic growth in Germany

h   fuel prices

002	Core	Home ownership	homeown

QUESTION: Does your household live in a rented property or an owner-occupied apartment or house?

Please select one answer.

1 = Rent and do not own any other home(s)

2 = Rent but own other home(s)

3 = Live in own apartment

4 = Live in own house

1101	Core	House price expectations quantitative	exphp_point

Range of valid values: -100 to +100

QUESTION: By what percentage do you think property prices in your area will change <u>over the next twelve months</u>?

Please enter a value in the input field (values may have one decimal place). Please use <u>a full stop rather than a comma</u> as the decimal separator. If it is assumed that property prices will fall, please enter a negative value.

[Input field] percent

---	---	**THE INFLATION RATE – INTRO**	

Now we would like you to think more carefully about the inflation rate.

The inflation rate

Inflation is the percentage increase in the general price level. It is mostly measured using the consumer price index. A decrease in the price level is generally described as "deflation".

1102	Core	Inflation development	devinfpoint

QUESTION: What do you think the rate of inflation or deflation in Germany was <u>over the past twelve months</u>?

Note: If it is assumed that there was deflation, please enter a negative value. Values may have one decimal place. Please use a <u>full stop rather than a comma</u> as the decimal separator.

Please enter a value here:

[Input field] percent

005A	Core	Inflation expectations qualitative	infdef

QUESTION: Do you think inflation or deflation is more likely <u>over the next twelve months</u>?

Note: Inflation is the percentage increase in the general price level. It is mostly measured using the consumer price index. A decrease in the price level is generally described as "deflation".

Please select one answer.

1 = Inflation more likely
2 = Deflation more likely

005B	Core	Inflation expectations quantitative	inflexppoint

Both the inflation and deflation rates are entered and stored as positive values. The value of 005A indicates whether the respondent's input describes an inflation or deflation rate.
Range of valid values: 0 – 100

If 005A = 1 | -9997 | -9998

QUESTION: What do you think the rate of inflation in Germany will roughly be <u>over the next twelve months</u>?

If 005A = 2

QUESTION: What do you think the rate of deflation in Germany will roughly be <u>over the next twelve months</u>?

Note: Inflation is the percentage increase in the general price level.

It is mostly measured using the consumer price index.

A decrease in the price level is generally described as "deflation".

Please enter a value in the input field (values may have one decimal place).

[Input field] percent

1103	Core	Inflation expectations probabilistic	infexprob_[a-j]

The programming of the question requires the sum of the 10 variables to be 100. The current sum of all entered points is shown to the respondent when answering the question. Respondents are asked to correct their responses if the sum does not equal 100.

QUESTION: In your opinion, how likely is it that the rate of inflation will change as follows over the next twelve months?

Note: The aim of this question is to determine how likely you think it is that something specific will happen in the future. You can rate the likelihood on a scale from 0 to 100, with 0 meaning that an event is completely unlikely and 100 meaning that you are absolutely certain it will happen. Use values between the two extremes to moderate the strength of your opinion. Please note that your answers to the categories have to add up to 100.

a The rate of deflation (opposite of inflation) will be 12% or higher.
b The rate of deflation (opposite of inflation) will be between 8% and 12%.
c The rate of deflation (opposite of inflation) will be between 4% and 8%.
d The rate of deflation (opposite of inflation) will be between 2% and 4%.
e The rate of deflation (opposite of inflation) will be between 0% and 2%.
f The rate of inflation will be between 0% and 2%.
g The rate of inflation will be between 2% and 4%.
h The rate of inflation will be between 4% and 8%.
i The rate of inflation will be between 8% and 12%.
j The rate of inflation will be 12% or higher.

1104A	PRO 04	GDP Growth PAST	gdp_past_[a, b]

After the term "inflation rate", an info box (i) with the following definition is shown: "The economic output of a country is measured using gross domestic product (GDP). This comprises the value of all goods and services produced by the economy over a given period of time."

QUESTION: How do you think German economic output **(i)** changed over the twelve months prior to the onset of the coronavirus pandemic (from March 2019 to February 2020)?

Note: Please select one answer.

1 = Decreased
2 = Stayed roughly the same
3 = Increased

QUESTION: And how do you think German economic output changed during the coronavirus pandemic (from March 2020 to November 2020)?

Note: Please select one answer.

1 = Decreased
2 = Stayed roughly the same
3 = Increased

1104B	PRO 04	GDP Growth PAST	gdp_past_value_[a, b]

Input filter: if (gdp_past_value_a ==1 OR 3) OR (gdp_past_value_b ==1 OR 3)

After the term "inflation rate", an info box (i) with the following definition is shown: "The economic output of a country is measured using gross domestic product (GDP). This comprises the value of all goods and services produced by the economy over a given period of time."

QUESTION: And, in concrete terms, how do you think German economic output (i) has changed?

Please expand on your previous answer.

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

a   Only show if (gdp_past_value_a ==1 OR 3): German economic output *decreased/increased* by roughly [Input field] percent over the twelve months prior to the onset of the coronavirus pandemic (from March 2019 to February 2020).

b   Only show if (gdp_past_value_b ==1 OR 3): German economic output *decreased/increased* by roughly [Input field] percent during the coronavirus pandemic (from March 2020 to November 2020).

1105	Core	GDP expectations probability	expgdp_[a-l]

The programming of the question requires the sum of the variables to be 100. The current sum of all entered points is shown to the respondent when answering the question. Respondents are asked to correct their responses if the sum does not equal 100.
After the term "economic output", an info box (i) with the following definition is shown: "The economic output of a country is measured using gross domestic product (GDP). This comprises the value of all goods and services produced by the economy over a given period of time."

QUESTION: In your opinion, how likely is it that German economic output (i) will change as follows over the next twelve months?

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

Note: The aim of this question is to determine how likely you think it is that something specific will happen in the future. You can rate the likelihood on a scale from 0 to 100, with 0 meaning that an event is completely unlikely and 100 meaning that you are absolutely certain it will happen. Use values between the two extremes to moderate the strength of your opinion. Please note that your answers to the categories have to add up to 100.

a   Increase by 10% or more
b   Increase by between 8% and less than 10%
c   Increase by between 5% and less than 8%
d   Increase by between 2% and less than 5%
e   Increase by between 1% and less than 2%
f   Increase by between 0% and less than 1%
g   Decrease by between 0% and less than 1%
h   Decrease by between 1% and less than 2%
i   Decrease by between 2% and less than 5%
j   Decrease by between 5% and less than 8%
k   Decrease by between 8% and less than 10%
l   Decrease by 10% or more

1106	2020_002	Corona regional impact	corona_kreis_[a,b]

QUESTION: What would you say: Overall, how strongly has the district or city in which you live been affected by the coronavirus pandemic so far?

0 – Not affected at all
1 – 9   [no label]
10 – Very strongly affected

Please select one answer for each row.

a.   COVID-19 cases
b.   Economic situation

| 1107A | 2020_002 | **Corona regional impact present** | corona_aktuell_[a,b] |

QUESTION: With regard to the development of the coronavirus pandemic: How do you <u>currently</u> assess the situation in <u>your district or city</u>?

1 – Much better
2 – Better
3 – Roughly the same
4 – Worse
5 – Much worse

Please select one answer for each row.

 a. Compared with <u>March and April 2020</u>, i.e. at the start of the pandemic
 b. Compared with <u>August and September 2020</u>

| 1107B | 2020_002 | **Corona regional impact present** | corona_aktuell_[c,d] |

QUESTION: With regard to the economic situation: How do you <u>currently</u> assess the situation in <u>your district or city</u>?

1 – Much better
2 – Better
3 – Roughly the same
4 – Worse
5 – Much worse

Please select one answer for each row.

a. Compared with <u>March and April 2020</u>, i.e. at the start of the pandemic
b. Compared with <u>August and September 2020</u>

| 1108 | 2020_002 | **Corona individual impact** | corona_impact |

QUESTION: What would you say: Overall, how strongly has <u>your household</u> been affected financially by the coronavirus pandemic so far?

0 – Not affected at all
1 – 9 [no label]
10 – Very strongly affected

1109	Core Corona	Corona individual impact	corona_impactind_[a,d]

Multiple choice question. More than one category is possible for selection, for categories a to c.

QUESTION: Has your household experienced a loss of income or other financial losses (e.g. price losses) in connection with the coronavirus crisis?

a   Yes, lost wage or salary income
b   Yes, other lost income, e.g. from rents and leases
c   Yes, other financial losses, e.g. price losses, equities, funds, securities
d   No, neither income losses nor any other financial losses

1110	Core Corona	Corona individual impact	corona_ impacreason_[a,g]

Input filter:if corona_impactind_a==1

QUESTION: Why has your household's wage or salary income declined?

a   Short-time work
b   Unemployment
c   Unpaid special leave for the care of children or relatives
d   My weekly working hours or those of other members of my household have fallen.
e   Members of the household had to close a business.
f   Other reasons (please specify): [Input field]

1111	Core	Income expectations probability	incexp_[a-l]

The programming of this question requires the sum of the variables to be 100. The current sum of all entered points is shown to the respondent when answering the question. Respondents are asked to correct their responses if the sum does not equal 100.

QUESTION: In your opinion, how likely is it that your household's average monthly net income will change as follows over the next twelve months?

Note: The aim of this question is to determine how likely you think it is that something specific will happen in the future. You can rate the likelihood on a scale from 0 to 100, with 0 meaning that an event is completely unlikely and 100 meaning that you are absolutely certain it will happen. Use values between the two extremes to moderate the strength of your opinion. Please note that your answers to the categories have to add up to 100.

a   Decrease by €2,000 or more

b   Decrease by between €1,500 and less than €2,000

c   Decrease by between €1,000 and less than €1,500

d   Decrease by between €500 and less than €1,000

e   Decrease by between €250 and less than €500

f   Decrease by between €0 and less than €250

g   Increase by between €0 and less than €250

h   Increase by between €250 and less than €500

i   Increase by between €500 and less than €1,000

j   Increase by between €1,000 and less than €1,500

k   Increase by between €1,500 and less than €2,000

l   Increase by €2,000 or more

1112	Z	Typical payment behaviour	payment_behav_[a-g]

The programming of the question requires the sum of the 7 variables to be 10. Respondents are asked to correct their responses if the sum does not equal 10.

QUESTION: Think for a moment about how you pay for essential goods, e.g. at supermarkets, bakeries or drugstores. What means of payment did you use <u>for your last ten payments?</u> Please allocate these payments to the following means of payment:

Note: Please note that the your answers to the categories must **add up to 10**.

a   Cash
b   Contactless with a girocard (previously EC card) or other debit card
c   Inserting a girocard (previously EC card) or other debit card into the terminal plus PIN or signature
d   Contactless with a credit card
e   Inserting a credit card into the terminal plus PIN or signature
f   Mobile payment using a smartphone
g   Other means of payment

1113	Core	Planned expenditure	spendintent_[a-i]

You will now be shown some everyday items that you can or need to buy.

QUESTION: Please indicate if you are likely to spend more or less on the following items <u>over the next twelve months</u> than in the last year. What about ...

1 = Plan to spend more
2 = Plan to spend roughly the same
3 = Plan to spend less

Please select one answer for each row.

a   major purchases (e.g. car, furniture, electrical devices, etc.)
b   essential goods (e.g. food and beverages, non-food items such as cleaning products or similar)
c   clothing and footwear
d   entertainment/recreation (e.g. restaurant visits, cultural events, gym)
e   mobility (e.g. fuel, car loans and running costs, bus and train tickets)
f   services (e.g. hairdresser, childcare, medical costs)
g   travel, holidays
h   housing costs (e.g. rent, mortgage, ancillary costs)
i   financial reserves

1114	Pro T1	Attitudes and intentions	intent_corona_[a-e]

Order of the five statements is generated randomly for each respondent.

QUESTION: To what extent do you agree or disagree with the following statements?

1 = Strongly agree
2 = Generally agree
3 = Neither agree nor disagree
4 = Generally disagree
5 = Strongly disagree

a   Priority should be given to economic growth and creating jobs, even if this is sometimes at the expense of the environment.
b   When the coronavirus crisis is over, I plan to spend less on non-essential products.
c   Many of things said about climate change posing a threat to the environment are exaggerations.
d   Even as an individual member of the public, I can play a part in climate protection in Germany.
e   There is a connection between environmental destruction and the spread of contagious diseases.

1115A	Pro T1	Actions to fight climate change	behachange_[a-k]

QUESTION: Have you personally done one or more of the following things <u>over the past six months</u>?

1 = Applicable

2 = Not applicable

Please select all answers that apply.

a	Made regular use of alternatives to driving, e.g. walking, cycling, public transport or car sharing
b	Lowered your household's energy consumption (e.g. by improved thermal insulation, smart metering, etc.)
c	Switched to an energy provider that generates a larger proportion of its energy from renewable sources than your old provider
d	Bought a new low-emission car (e.g. hybrid or electric car)
e	Whenever possible, bought seasonal and locally produced food products
f	Tried to reduce your waste and regularly separate recyclables
g	When making plans for holidays or other long-distance travel, took into account the carbon footprint of the mode of transport
h	Avoided buying new items that are not absolutely essential (fashionable clothes, items of furniture, etc.)
i	Tried to eat less meat
j	Invested in sustainable and/or environmentally friendly funds/securities
k	None of these

1115B	Pro T1	Actions to fight climate change	behachange_[a-j][1-5]

QUESTION: What are the main reasons why you personally did one or more of the following things

<u>over the past six months</u>?

1 = Applicable

2 = Not applicable

Please select all answers that apply.

	1) To protect the climate	2) Cost reasons	3) Health reasons	4) Working from home	5) Other reasons	
{If behachange_a=1 a Made regular use of alternatives to driving, e.g. walking, cycling, public transport or car sharing}						
{If behachange_b=1 b Lowered your household's energy consumption (e.g. by improved thermal insulation, smart metering, etc.)}						
{If behachange_c=1 c Switched to an energy provider that generates a larger proportion of its energy from renewable sources than your old provider}						
{If behachange_d=1 d Bought a new low-emission car (e.g. hybrid or electric car)}						
{If behachange_e=1 e Whenever possible, bought seasonal and locally produced food products}						
{If behachange_f=1 f Tried to reduce your waste and regularly separate recyclables}						
{If behachange_g=1 g When making plans for holidays or other long-distance travel, took into account the carbon footprint of the mode of transport}						
{If behachange_h=1 h Avoided buying new items that are not absolutely essential (fashionable clothes, items of furniture, etc.)}						
{If behachange_i=1 i Tried to eat less meat}						

{If behachange_j=1 j Invested in sustainable and/or environmentally friendly funds/securities}						

| 1116 | Pro 04 | Trust in institutions | trust_[a,e] |

QUESTION: We would like to know how much you personally trust each of these institutions. Please rate your level of confidence on a scale from 0 to 10, with 0 meaning "I have no confidence at all" and 10 meaning "I have complete confidence".

0 – No confidence at all

1 – 9 [no label]

10 – Complete confidence

11 – I have not heard of this institution.

Please select one answer for each row.

a   European Central Bank
b   German Federal Government
c   Robert Koch Institute
d   Deutsche Bundesbank
e   European Commission

---	---	START SPLIT SAMPLE 1

---	**Split sample 1**	**RANDOMISATION 1**

The entire sample is split randomly into four groups. Randomisation dummy (drandom1) is used for questions 1117 - 1121.

One factor variable: drandom1
1 = group A1 n=500
2 = group B1 n=500
3 = group C1 n=500
4 = group D1 n=500

Please show the following message to all participants before splitting the sample.
We have a few further questions for you. Before you answer these questions, we would like to provide you with some information. We will then ask you some more questions. We are interested to know whether or not this information will influence your responses.
There is no right or wrong answer to these questions. Whether or not the information changes your answers depends on your personal conviction, meaning any response you give is correct as long as it reflects your opinion.

[if drandom1 = 1]

Today, millions of tonnes of plastic can be found in the world's oceans. Together, the Kreditanstalt für Wiederaufbau (KfW) and the European Investment Bank (EIB) have launched the "Clean Oceans Initiative" (COI) to combat this deluge of plastic. These institutions have set out to invest €2 billion in projects to reduce plastic waste in the world's oceans by 2023.

[if drandom1 = 2]

Now we would like to show you a summary of the measures taken by the German Federal Government to counteract the economic impact of the coronavirus pandemic.

The Federal Government has extended and expanded the KfW special coronavirus aid programme, including KfW express loans, until 30 June 2021 in order to continue providing enterprises with liquidity on a reliable basis. This programme has committed €46 billion in loans to enterprises thus far. The Federal Government explained: "The broad safety net remains in place; we are fully committed to tackling the crisis and its impact on enterprises and employees."

[if drandom1 = 3]

Between April and June 2020, economic output in Germany (measured by gross domestic product) fell by 10.1% on the quarter. This marks the sharpest decline since 1970.

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liquidity on a reliable basis. This programme has committed €46 billion in loans to enterprises thus far. The Federal Government explained: "The broad safety net remains in place; we are fully committed to tackling the crisis and its impact on enterprises and employees."

[if drandom1 = 4]

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Now we would like to show you a summary of the measures taken by the German Federal Government to counteract the economic impact of the coronavirus pandemic.

The Federal Government has extended and expanded the KfW special coronavirus aid programme, including KfW express loans, until 30 June 2021 in order to continue providing enterprises with liquidity on a reliable basis. This programme has committed €46 billion in loans to enterprises thus far. The Federal Government explained: "The broad safety net remains in place; we are fully committed to tackling the crisis and its impact on enterprises and employees."

The programme helps to ensure that enterprises do not default on their payments and that jobs are protected. Despite the pandemic, Germany's economic growth will remain stable.

1118	PRO 04	GDP expectations probability	post_expgdp_[a-l]

The programming the question requires the sum of the variables to be 100. The current sum of all entered points is shown to the respondent when answering the question. Respondents are asked to correct their responses if the sum does not equal 100.

After the term "economic output", an info box (i) with the following definition is shown: "The economic output of a country is measured using gross domestic product (GDP). This comprises the value of all goods and services produced by the economy over a given period of time."

QUESTION: In your opinion, how likely is it that economic output (i) in Germany will change as follows <u>over the next twelve months</u>?

Note: The aim of this question is to determine how likely you think it is that something specific will happen in the future. You can rate the likelihood on a scale from 0 to 100, with 0 meaning that an event is completely unlikely and 100 meaning that you are absolutely certain it will happen. Use values between the two extremes to moderate the strength of your opinion. Please note that your answers to the categories have to add up to 100.

a   Increase by 10% or more
b   Increase by between 8% and less than 10%
c   Increase by between 5% and less than 8%

d	Increase by between 2% and less than 5%
e	Increase by between 1% and less than 2%
f	Increase by between 0% and less than 1%
g	Decrease by between 0% and less than 1%
h	Decrease by between 1% and less than 2%
i	Decrease by between 2% and less than 5%
j	Decrease by between 5% and less than 8%
k	Decrease by between 8% and less than 10%
l	Decrease by 10% or more

1119A	PRO 04	Income expectations probability - POST	incexp_post_[1,2] incexpmode_post

QUESTION_1: In your opinion, how is your household's average monthly net income most likely to change <u>over the next twelve months</u>?

Note: Please select the relevant answer and enter an amount.

1 – My net household income is most likely to rise.
2 – My net household income is most likely to fall.

Rise/fall by [Input field] euro

1119B	PRO 04	**Income expectations probability - POST**	**incexpmax_post, incexpmin_post**

Plausibility check: incexpmax>= incexp_[1,2] OR incexp_[1,2]<=incexpmin: If incorrect, show message "Please enter a number in both fields. Your expected development of household income (incexp_[1,2]) should be between the minimum and maximum."

QUESTION: And in what range do you expect the change in your household's average monthly net income to be <u>over the next twelve months</u>?

Note: If you expect income to fall, please enter a negative value.

The change will be between [Input field] euro (minimum) and [Input field] euro (maximum).

1117	PRO 04	**Informed about treatment 1**	**info_treatment**

QUESTION: Before this survey, had you heard or read anything about the extension or expansion of the KfW special coronavirus aid programme?

a. Yes
b. No

1120	PRO 04	**Belief about multiplier**	**multiplier**

QUESTION: Imagine that there had been no KfW special coronavirus aid programme so far. What impact do you think the introduction of such a programme would have on the economic situation in Germany?

Please select the statement that you think is most appropriate.

1 = I believe that the KfW special coronavirus aid programme would have **a positive impact** on the economic situation in Germany.

2 = I do <u>not</u> believe that the KfW special coronavirus aid programme would have **a positive impact** on the economic situation in Germany.

3 = I believe that the KfW special coronavirus aid programme would have **neither a positive nor a negative impact** on the economic situation in Germany.

1121	PRO 04	Expected tax burden	tax_exp_[a,b]

QUESTION: How do you think the general tax burden for households in Germany will change?

The general tax burden for households in Germany will ...

1 = decrease significantly
2 = decrease slightly
3 = stay roughly the same
4 = increase slightly
5 = increase significantly

Please select one answer for each row.

a   Over the next twelve months
b   Over the next three years

---	---	END SPLIT SAMPLE 1

---	---	Intro coronavirus	---

In closing, we would like to ask you two questions about current developments in connection with the coronavirus pandemic.

1122	Core corona	Restriction public life	restr_corona_[a-b]

Respondents are only allowed to fill in the input field. The variable restr_corona_a indicates the selected unit (day, week or month) and the variable restr_corona_b indicates the value given for the selected unit.

QUESTION: How long do you think the coronavirus-related restrictions on events and gatherings will last?

Please enter the number that you think is most likely. You can enter the value either in days, weeks or months. Please select one of the three fields.

Please select whether you wish to enter the value in days, weeks or months.

1 = Days [Range of valid values: 0 to 730]

2 = Weeks [Range of valid values: 0 to 106]

3 = Months [Range of valid values: 0 to 24]

[Input field] [if restr_corona_a = 1: days; if restr_corona_a = 2: weeks; if restr_corona_a = 3: months

1123	Core corona	Coronavirus	corona_restr_[b-c]

QUESTION: How long do you think it will take for social life to return to a level comparable to before the start of the coronavirus pandemic?

Note: Please enter the number that you think is most likely. You can enter the value either in days, weeks or months.

1 = Days [Range of valid values: 0 to 730]

2 = Weeks [Range of valid values: 0 to 106]

3 = Months [Range of valid values: 0 to 24]

[Input field] days, weeks or months

4 = Social life will never return to the pre-pandemic level.

009	Core	Feedback questions	qinterest, qeasy, qlong

We would now like you to answer a few questions regarding your assessment of the survey.

QUESTION: How interesting did you find the survey overall?

Please select one answer.

1 = Very interesting
2 = Interesting
3 = Partly interesting/partly uninteresting
4 = Not very interesting
5 = Not interesting at all

QUESTION: How <u>easy or difficult</u> was it to answer the questions overall?

Please select one answer.

1 = Very difficult
2 = Somewhat difficult
3 = Partly difficult/partly easy
4 = Somewhat easy
5 = Very easy

QUESTION: How did you find <u>the length</u> of the survey?

Please select one answer.

1 = Far too long
2 = Somewhat too long
3 = Just right
4 = Somewhat too short
5 = Far too short

010	Core	Open feedback question	feedbackopen

`Variable is not included in the scientific use file.`

QUESTION: Did you have problems answering any of the questions?

Please select one answer.

1 = Yes: which questions or topics? `[Input field]`
2 = No

011	Core	Feedback on aids used	feedbackhelp_[a,b]

`The input field for feedbackhelp_b is activated if feedbackhelp_a=1. Variable feedbackhelp_b is not included in the scientific use file.`

QUESTION: Did you use any resources to answer the questions and, if so, what were they?

1 = Yes, `[Input field]`
2 = No

eastwest1989	Core	Residence in 1989	eastwest1989

QUESTION: In which part of Germany were you living shortly before the fall of the Berlin Wall on 9 November 1989?

1 = In eastern Germany, the former German Democratic Republic

2 = In western Germany, the Federal Republic of Germany

3 = I moved to Germany after 1989

eduschool	Soz	Education school	eduschool

QUESTION: What is your highest level of educational attainment?

1 = Still at school

2 = Completed lower secondary school

3 = Completed higher secondary school

4 = Polytechnical secondary school certificate, 10th grade

5 = University of applied sciences entrance diploma/completed technical school

6 = General or subject-specific university entrance diploma/senior school-leaving certificate (from a grammar school)/East German secondary school up to 12th grade (also with apprenticeship)

7 = Other school-leaving certificate

8 = No school-leaving certificate (and currently not a student)

eduwork	Soz	Professional education	eduwork

QUESTION: What level of vocational training or university degree do you have? Please think of your highest qualification here.

1 = Currently in training or studying (bachelor's degree not yet completed)

2 = Completed vocational training (apprenticeship)

3 = Completed vocational training (vocational school or commercial college)

4 = Completed training at a technical or commercial college, school for master craftsmen or engineers or university of cooperative education with shorter preparation time (up to 880 hours)

5 = Completed training at a university of cooperative education with long preparation time (more than 880 hours)

6 = Bachelor's degree, applied sciences degree, completed training at an engineering college

7 = Diploma or master's degree, completed teacher training course

8 = Doctorate/postdoctoral qualification obtained

9 = Other professional qualification

10 = No vocational training completed (and currently not in training/education)

employ	Soz	Employment status 1	employ

Note: Categories are different from the ones in waves 1 to 3.

QUESTION: Which of the following best describes your employment status?

1 = In full-time employment (including apprenticeship)

2 = In part-time employment (including phased retirement)

3 = In casual or irregular employment (including paid internship and integration measures)

4 = On maternity leave/parental leave/longer-term sick leave/other leave – planning to return to work

5 = Unemployed (officially registered)

6 = At school, university or in an unpaid internship

7 = Retiree or pensioner

8 = Retired early or about to retire (including unfit for work or reduced ability to work)

9 = Federal volunteer service/voluntary year

10 = Homemaker

11 = Other form of non-employment

employ2	Soz	Employment status 2	employ2

Input filter: employ = 1 | 2 | 3 | 4. Note: Categories are different from the ones in waves 1 to 3.

QUESTION: Are you currently receiving short-time working benefits?

1 = Yes

2 = No

profession	Soz	Profession	profession

Input filter: employ = 1 | 2 | 3 | 4. Note: Categories are different from the ones in waves 1 to 3.

QUESTION: Which professional status currently applies to you?

1 = Non-salaried employee, including in agriculture

2 = Salaried employee

3 = Civil servant (including judge, career and regular soldier)

4 = Self-employed or entrepreneur (including self-employed farmer) without employees

5 = Self-employed or entrepreneur (including self-employed farmer) with employees

6 = Trainee/intern

7 = Unpaid family worker

8 = Other

hhsize	Soz	Household size	hhsize

QUESTION: How many persons live permanently in your household, including yourself? Please also consider all children living in your household.

[Input field]

hhchildnum	Soz	Household children	hhchildren
If hhchildnum > hhsize, both hhsize and hhchildnum are asked again.			
QUESTION: And how many children under the age of 18 live in your household? [Input field]			

agechild	Soz	Children age	agechild[1-...]
If hhchildnum > 0. Respondents are asked to answer this question for each child.			
QUESTION: Please state the age of your children, **starting with your oldest child**. Oldest child [Input field] Second-oldest child [Input field] ... -oldest child [Input field]			

hhinc	Soz	Household income	hhinc
Note: Categories are different from those in waves 1 to 3.			
QUESTION: What is the total monthly net income of your household? This refers to the total amount, comprising wages, salaries, income from self-employment and pensions, in each case after deducting tax and social security contributions. In this amount, please include any income received through public aid, earnings from rental or leasing, housing allowance, child benefits and any other sources of income. 1 = Less than €500 2 = €500 to €999 3 = €1,000 to €1,499 4 = €1,500 to €1,999 5 = €2,000 to €2,499 6 = €2,500 to €2,999 7 = €3,000 to €3,499 8 = €3,500 to €3,999 9 = €4,000 to €4,999 10 = €5,000 to €5,999 11 = €6,000 to €7,999 12 = €8,000 to €9,999 13 = €10,000 or more			

pinc	Soz	Personal income	pinc
Input filter: hhsize > 1. Note: Categories are different from those in waves 1 to 3.			

QUESTION: And what is your total personal monthly net income?

1 = Less than €500

2 = €500 to €999

3 = €1,000 to €1,499

4 = €1,500 to €1,999

5 = €2,000 to €2,499

6 = €2,500 to €2,999

7 = €3,000 to €3,499

8 = €3,500 to €3,999

9 = €4,000 to €4,999

10 = €5,000 to €5,999

11 = €6,000 or more

pinc	Soz	Personal income	pinc
Input filter: hhsize > 1. Note: Categories are different from those in waves 1 to 3.			

	Forsa	Automatically recorded	
Description			Variable name
Age of respondent			age
Gender of respondent			gender
1 = Male			
2 = Female			
3 = Other			
Sampling weights			weights
Day of interview			day
Month of interview			month
Survey wave			wave
Region			region
1 (north) = Lower Saxony, Schleswig-Holstein, Hamburg, Bremen			
2 (west) = North Rhine-Westphalia, Rhineland-Palatinate, Saarland			
3 (south) = Bavaria, Baden-Württemberg, Hesse			
4 (east) = Mecklenburg-West Pomerania, Saxony-Anhalt, Brandenburg, Berlin, Thuringia, Saxony			
Size of town where respondent lives			citysize
1 = < 5,000			
3 = 5,000 - 20,000			
4 = 20,000 - 100,000			
6 = 100,000 - 500,000			
7 => 500,000			
Regional classification according to bik			bik
1 = < 50,000			
5 = 50,000 - 500,000 type 2/3/4			
6 = 50,000 - 500,000 type 1			
9 = > 500,000 type 2/3/4			
10 = > 500,000 type 1			