



Datenbeschreibung

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FDZ Data Description: The Socio-Ecological Panel Survey 2022

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1. Introduction

To meet Germany's climate targets, the Federal Government and citizens have a range of measures at their disposal, including phasing out coal power plants and accelerating the expansion of renewable energy sources. Introduced in 2021, the national carbon price levies a fee on CO₂ emissions from fossil fuels in the transport and heating sectors, providing incentives for households and firms to transition away from fossil fuels. When the war in Ukraine erupted in 2022, causing an energy crisis, political focus shifted toward energy supply and security. While renewables offer long-term opportunities for diversification and independence, the crisis led to increased short-term demand for fossil fuels. Addressing these issues while maintaining the medium-term transition away from fossil fuels has proven challenging.

Such political challenges and the corresponding policy measures require public support to enable a successful energy transition. Implementing measures that are not only efficient but also socially accepted is therefore essential. To understand public perceptions, political actors need high-quality data on household opinions. The second wave of surveys for the project "Continuation and Further Development of the Social-Ecological Panel" conducted by the RWI – Leibniz Institute for Economic Research gathers this information, assessing German public opinions on implemented measures such as the coal phase-out and particularly knowledge about and attitudes toward carbon pricing.

In addition, the survey collected socio-economic information and climate-related attitudes and behaviors, including multiple experiments. This enables linking household characteristics to their perception of climate protection measures. As participants had already joined the previous wave of the Social-Ecological Panel, this dataset allows for a panel analysis to examine changes over time. Both waves surveyed assessments of climate change, energy supply, the energy transition, and carbon pricing. Further waves will be published in the future. The Research Data Center (FDZ) Ruhr makes this data available free of charge to interested scientists via data contracts, which can be requested at www.rwi-essen.de/fdz/.

The following section discusses the sampling process, followed by a description of two experiments on meat consumption and the coal phase-out that were included in the survey. Furthermore, we analyze the representativeness of the data set in detail, cite research papers using the data, and provide information on data access. The questionnaire and codebook are included in the appendix.

2. Data Collection and Adjustments

The surveys conducted as part of the Socio-Ecological Panel are designed by the RWI and financially supported by the E.ON Foundation. Data were collected online by the survey institute forsa using a professional survey tool between 18th of July and 6th of August 2022. Participants of the Green SÖP are recruited from the forsa.omninet panel, which is representative for the German population with internet access aged 14 and above. For the second wave of the Socio-Ecological panel, 8,028 members of the panel aged 18 or above were recruited, who had already participated in the previous wave. Participants had the opportunity to complete the questionnaire online from July 18 to August 6, 2022. A total of 6,583 respondents participated in the survey. Of these, 579 people discontinued the survey prematurely. The sample size therefore is 6,004 participants.

The data was pseudonymized by forsa, using identification numbers. For further protection of the panel members' identities, participants were assigned project-based numbers in the data cleaning process. In addition, if there were fewer than three observations for a variable value, that value was summarised with neighbouring values. Answers provided in open text fields were censored but can be made available separately upon request.

If questions were not asked to respondents because, for example, they were excluded from the question due to a previous answer or were not randomly assigned to an experimental group, missing answers were coded as -1. The answer "Don't know/no answer" was coded as -2. Furthermore, the responses "I did not eat it" and "other period" in the meat consumption experiment are coded as -3 and -4, respectively.

The data set contains two weighting factors that can be used to establish or approximate the representativeness of the sample for the entire German population or the German population of Internet users in terms of federal state, region, age, and gender.

The full data set contains variables relating to studies the results of which are not yet published. Variables are therefore described in the codebook and listed in the questionnaire but set to missing in affected groups in the data set. These variables will be adjusted in the future. The following variables and questions are affected: ExpB_10_v1_w2 – ExpB_10_v5_w2, ExpB_11_A_w2 – ExpB_11_C, ExpB_12_A_w2 – ExpB_12_C_w2, ExpB_13_A_w2 – ExpB_13_C_w2, ExpB_14_w2, ExpB_15_w2, ExpB_16_w2, F6_1 – F6_3, F7_1 – F7_11, F8.

3. Description of the Experiments

This survey includes three experiments, with participants randomly assigned to each experiment.

In the first experiment (Section K.Experiment B: Coal), participants can decide on climate protection measures that will actually be implemented. Specifically, they can choose to reduce the number of emission allowances available to power plants by 10 tons of CO₂, reduce the emissions of a coal-fired power plant in Germany by 10 tons of CO₂, choose a combination of both, or implement no measures. To this end, they are divided into three different groups, each of which is provided with different information and decision-making options. Groups receive either no further information about the options or varying framings about the role of the European Union's Emission Trading System (ETS) or the relevance of coal-fired power plants for carbon emissions. After choosing one measure they want to implement, participants are asked to rank the measures according to their effectiveness. In the following step, it is revealed to all groups that the ETS is most efficient in reducing emissions, followed by the combined option and the reduction of emissions in one power plant. After that, respondents are asked again to choose which measure to implement. This experiment allows us to examine the extent to which information about the effectiveness of climate protection measures can influence participants' decisions. The results of this experiment are published in Flörchinger et al. (2025).

The second incentivized online experiment examines the impact of information on individual versus strategic climate policy preferences. Participants ($N \approx 600$ per treatment) completed two consecutive choice tasks: an individual decision ($c = 1$) and a majority vote ($c = 2$), where the latter scaled abatement amounts by ten. Options included retiring EU ETS allowances (ETS), reducing output of a coal-fired power plant (COAL), or a mix of both (MIX). One task was randomly selected for implementation: the choices of ten participants (individual) or the majority winner (vote). The study utilized two treatments to evaluate how information alters these choices. In the BASE condition, participants made choices without extra information. The INFO treatment provided an expert assessment before $c = 1$, establishing a common signal regarding abatement effectiveness. This signal revealed that COAL abatement was only partially effective because reductions were offset by increases elsewhere in the EU (the waterbed effect), whereas ETS was fully effective. The design compares individual preferences under varying information sets against strategic group voting. The results of this experiment are not yet published.

The experiment on meat consumption (Section F.Experiment A: Meat consumption) aims to find out which role repeated information and support via newsletters can have in overcoming habits of meat consumption. The 2nd Wave of the Green SÖP forms the baseline for the experiment by

asking about current participants' diets, how they feel about them, and whether they plan to change their meat consumption. The participants in the experiment were asked questions about meat consumed at each meal, portion sizes, and overall frequency of consumption. Respondents were also asked questions about planned changes in consumption and their current satisfaction with their diet. This pre-intervention assessment served as a reference point to measure subsequent changes. In addition, the data provides an extensive overview about dietary preferences, reasons behind those and people's knowledge about food related carbon emissions. The results of this experiment are published in Eßer et al. (2025a, b).

Table 1: Survey Contents

Section	Contents
A	General questions
Experiment B	Coal
E	Questions about energy costs and usage
U	Questions on the implementation and financing of the energy transition
Carbon pricing	Questions on the acceptance of the German carbon price and forms of redistribution
Experiment A	Meat consumption
PV	Psychological control variables
SOE	Socio-demographic questions

When it comes to questions about the energy and mobility transition, different framings, i.e., guiding formulations, are used to examine whether this could influence the participants' approval. Participants received varying framings highlighting either the costs, the climate effects, the energy independence effect or no particular effect of the energy transition. The mobility experiment relates to city tolls, and households were either informed about options for using revenues from city tolls, environmental benefits of city tolls, or received no further information.

Furthermore, participants were asked to answer questions on their household's general living situation, the climate related and general attitudes, their energy costs and usages, the German carbon price, psychological control questions, and their socio-demographic information.

4. Sample Description

This section describes the socioeconomic characteristics of the individuals in the sample. In addition, these are compared with data from the 2022 Mikrozensus conducted by the Federal Statistical Office (2026) to demonstrate the representativeness of the sample. Only the responses of those participants who completed the entire survey and did not answer the respective question with “no answer” are shown here. That is, all percentages below refer to those individuals who selected a meaningful response option. As a result, depending on the question, the number of observations varies due to sample loss or incomplete responses to the questionnaire.

4.1 Distribution of Individuals across Federal States

The distribution of sample individuals across the various federal states is essentially consistent with the regional distribution from the 2022 Mikrozensus (Table 1). There are no-table deviations between the sample and Mikrozensus results for the proportions from Baden-Württemberg, and North Rhine-Westphalia, which deviate by slightly more than one percentage point from the Mikrozensus proportions. Most of the households surveyed come from North Rhine-Westphalia, with a share of 19.9%, followed by Bavaria and Baden-Württemberg.

Table 2: Distribution across Federal States

Federal State	Number of individuals	Sample shares	Share according to Mikrozensus
Baden-Württemberg	722	12.0 %	13.3 %
Bavaria	892	14.9 %	15.8 %
Berlin	280	4.7 %	4.4 %
Brandenburg	287	4.8 %	3.1 %
Bremen	44	0.7 %	0.8 %
Hamburg	142	2.4 %	2.2 %
Hesse	497	8.3 %	7.5 %
Mecklenburg-Western Pomerania	129	2.1 %	2.0 %
Lower Saxony	563	9.4 %	9.5 %
North Rhine-Westphalia	1.193	19.9 %	21.5 %
Rhineland-Palatinate	305	5.1 %	4.9 %
Saarland	60	1.0 %	1.3 %
Saxony	329	5.5 %	4.9 %

Saxony-Anhalt	131	2.2 %	2.7 %
Schleswig-Holstein	265	4.4 %	3.6 %
Thuringia	165	2.7 %	2.6 %
Total	6004	100.0 %	100.0 %

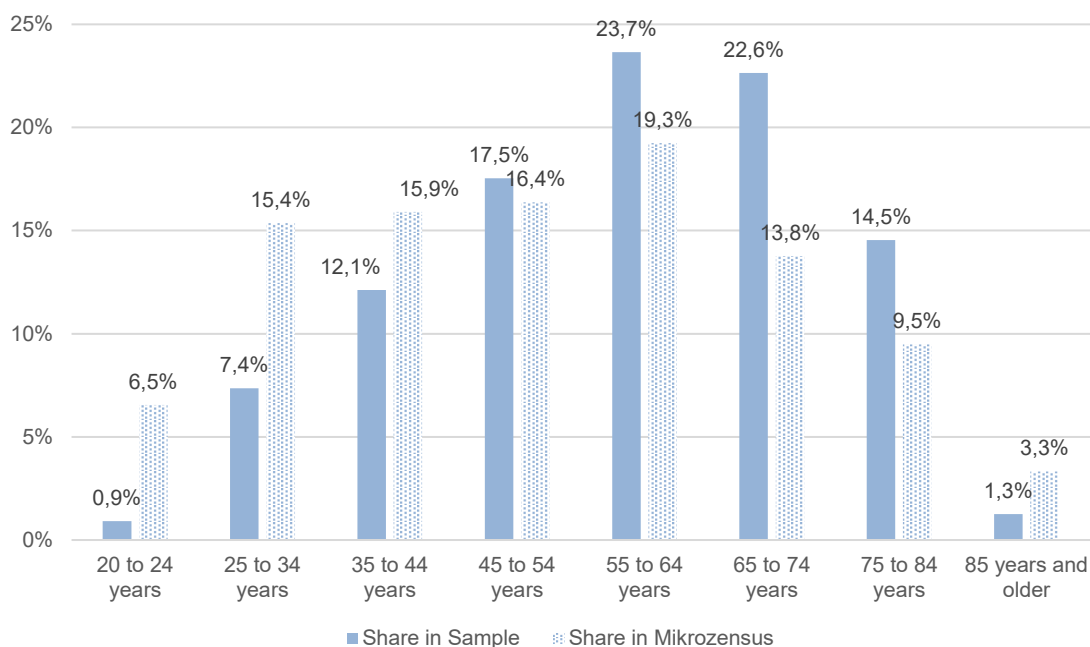
Source: Own calculations and Federal Statistical Office (2026), Table 12211-1100.

Note: Since the study sample only comprises about 1% of participants younger than 25, we excluded the age group 15 – 25 years from the Mikrozensus data to increase comparability between the Mikrozensus data and the study sample.

4.2 Ages

The ages of the household members surveyed range from 18 to 97. The two largest age groups are the 55 to 64-year-olds and the 65 to 74-year-olds, accounting for 23.6% and 22.6% respectively (Fig. 1). The median age is 59. A comparison with the 2022 Mikrozensus shows that the age groups over 45 are overrepresented in the sample, while those under 35 are underrepresented. The overrepresentation is particularly pronounced among those aged 55 to 74, while those under 25 are very strongly underrepresented.

Figure 1: Age distribution of Participants in the Survey and according to Mikrozensus 2022



Source: Own calculations and Federal Statistical Office (2026), Table 12211-0302.

Note: To ensure sample comparability, individuals aged 18–19 ($n = 5$) were excluded from this figure because age groups could not be fully aligned with the Mikrozensus data, which does not include a comparable category excluding individuals under 18.

4.3 Gender and Education

The gender distribution of participants is 56.5% men to 43.5% women and non-binary individuals. Those with higher levels of education tend to be overrepresented among respondents. While according to the Mikrozensus only 37.8% of the population has a school leaving certificate that entitles them to attend a (technical) university, 53.2% of respondents stated that they had obtained a (technical) university entrance qualification (Table 2). In addition, the sample proportion of those with a technical college degree, university degree, or doctorate is 36.2%, which is significantly higher than the proportion of academics in the 2022 Mikrozensus of 21.3%.

Table 3: Highest level of education in the sample (n=5.977) compared to Mikrozensus 2022

Highest school leaving education	Share in sample	Share according to Mikrozensus 2022
Without qualification	0.2 %	5.0 %
Secondary School Certificate (Hauptschule)	13.3 %	25.3 %
Intermediate Secondary School Certificate (Realschule)	33.3 %	31.8 %
University/College entrance certificate ((Fach-)Abitur)	53.2 %	37.8 %
University graduates	36.2%	21.3 %

Source: Own calculations and Federal Statistical Office, 2026 (Tables 12211-0100 for school certificate, 1211-0101 for university degree).

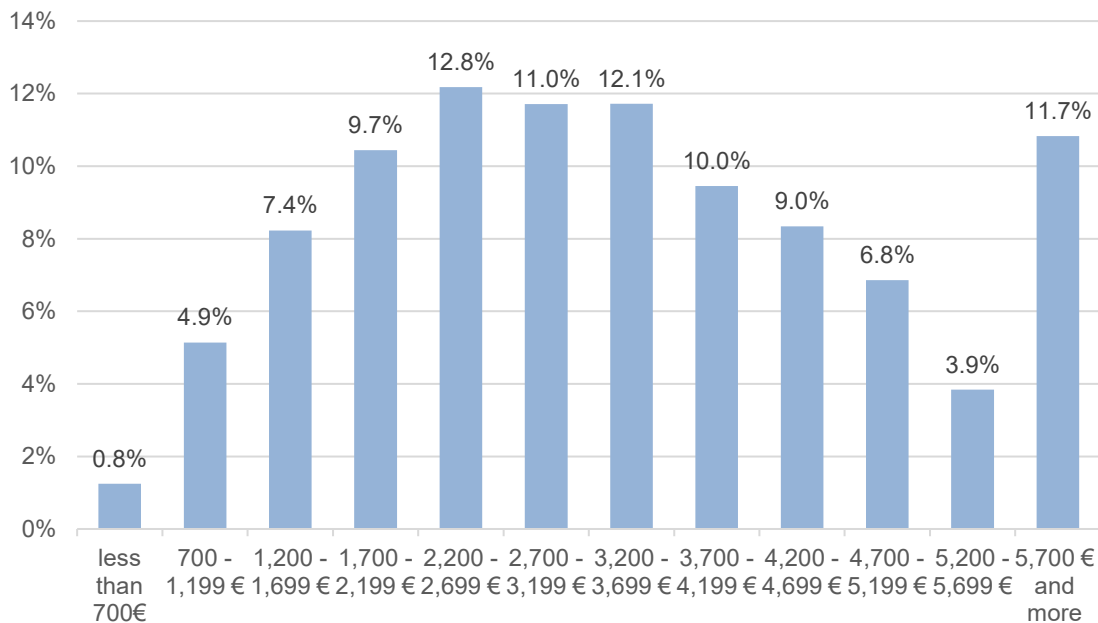
Note: To create a more comparable sample, Mikrozensus data were adjusted by excluding individuals still in education or vocational training, thereby defining the remaining population as the new full population. This adjustment better aligns with our sample criteria, which require a minimum age of 18 and do not include the option "still in education" in the survey question.

4.4 Income

51.1% of respondents are employed, 77.1% of whom work full-time. By comparison, the employment rate determined in the Mikrozensus for individuals aged 20 and older is 61.6% (Federal Statistical Office, 2026, Table 12211-0001). This difference the employment rate is likely due to the higher share of individuals in retirement age (65 and older) in the study sample. Fig. 2 shows the distribution of monthly net household income among participants. The median is in the range of €3,200 to €3,700. Household members with a net household income of €2,200 to €2,700 make up the largest share at 12.8%, followed by a household income of €3,200 to €3,700 (12.1%). Although the different gradation of the various income groups makes it difficult to directly compare

the sample with the results of the Mikrozensus, it is nevertheless evident that household members with a net household income between €1,200 and €5,200 are slightly overrepresented in the sample, while those with higher incomes are underrepresented (Table 3).

Figure 2: Net Monthly Household Income of the Sample Households (Number of observations: 5.383)



Source: Own calculations

Table 4: Comparison of the household income distribution of the sample (n=5.383) and the German population

Share in sample		Share in Mikrozensus 2022	
Less than 700 Euro	0.8 %	Less than 500 Euro	1.0 %
700 to less than 1.200 Euro	4.9 %	500 to less than 1.250 Euro	7.2 %
1.200 to less than 2.700 Euro	29.9 %	1.250 to less than 2.500 Euro	24.4 %
2.700 to less than 5.200 Euro	48.9 %	2.500 to less than 5.000 Euro	43.6 %
More than 5.200 Euro	15.6 %	More than 5.000 Euro	23.9 %

Source: Own calculations and Federal Statistical Office (2026), Table 0301.

4.5 Household Size

Participants living in single-person and two-person-households are overrepresented in the sample as these groups account for 27.0% and 49.7%, respectively, compared with 20.6% and 33.2% in the German population (Table 4) living in such households. In addition, 61.8% of respondents stated having children, regardless of whether they lived in the parental home or not.

Table 5: Share of household in the sample (n=5.697) and according to Mikrozensus 2022

Household size	Sample share	Mikrozensus 2022
1 person	27.0 %	25.2 %
2 persons	49.7 %	39.5 %
3 persons	11.7 %	16.2 %
4 or more persons	11.6 %	19.2 %

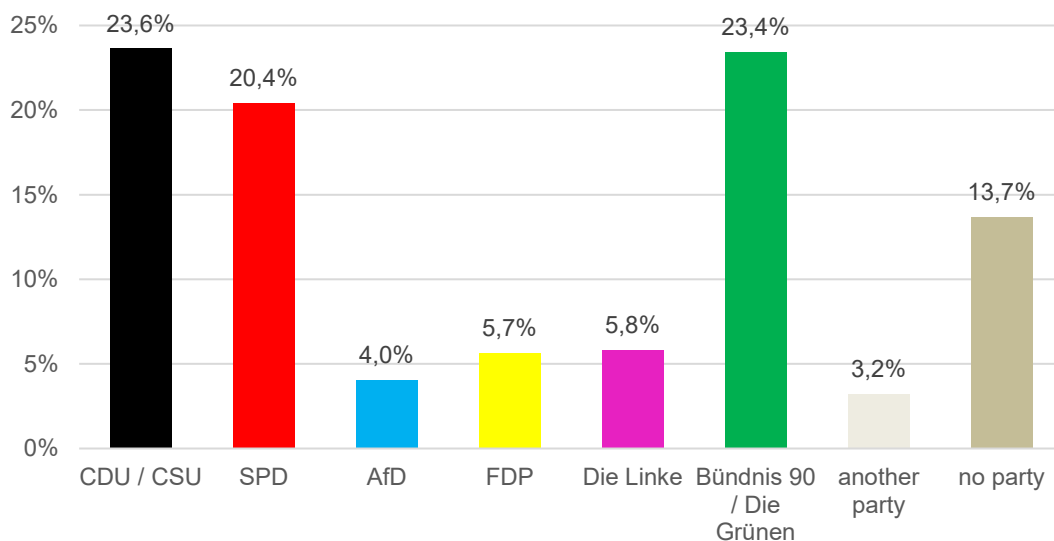
Source: Own calculations and Federal Statistical Office, 2026 (Table 12211-0302).

Note: To increase comparability with between the Mikrozensus data and the study sample, we excluded individuals younger than 20 from the Mikrozensus data.

4.6 Political Alignment

In addition to typical questions about socioeconomic characteristics, participants were asked questions about their political orientation. Respondents were asked to rate their political position as left, right, or center on an 11-point scale. Of these, 48.5% see themselves as exactly in the political center. 37.3% assess their political orientation as left of center, while 14.2% classify themselves as right of center. In addition, 5,763 of the respondents indicated whether they tend to vote for a particular party in the long term. Among these participants, CDU/CSU voters form the largest group at 23.6%, followed by Alliance 90/The Greens and SPD voters at 23.4% and 20.4% respectively (Fig. 3). 13.7% of respondents said they did not have a long-term party preference.

Figure 3: Political Preferences of the Sample (Number of observations: 4.380)



Source: Own calculations

5. Empirical Articles Based on the Survey Wave of 2022

Several articles have been published using results derived from the Wave of the Green SÖP.

Flörchinger et al. (2025) use an experiment on individuals choosing between abatement options by reducing emissions in one coal-fired power plant, buying ETS emission certificates, or a combination of both to analyze whether informing individuals can enhance support for more effective measures. Results indicate that preferred policies are closely related to their perceived effectiveness. Voters change their preferences when informed.

Eßer et al. (2024) find that, according to Green SÖP data, most individuals do not feel informed about the carbon price in Germany. These results are confirmed when asking these individuals about the aims, application sector, and mechanism of the carbon price. As these results indicate that missing knowledge is correlated with lower acceptance, better information about carbon pricing might be needed to increase policy support.

Eßer and Frondel (2024) summarize the panel results on the acceptance of measures within the energy and transportation sectors. They find that nearly 90% of participants support the energy transition, and support is stronger in West than in East Germany. Different information treatments have no effects on acceptance except one-sided information on the costs. Results show that a majority of participants are against a yearly increasing carbon price.

Eßer et al. (2025a) conducted an experiment on meat consumption using this survey and one follow-up survey to investigate whether information intervention in the form of newsletters can lead to a reduction in meat consumption in the short run. The newsletters contain information on the environmental impacts of meat or tips on how to reduce meat consumption. Results indicate no significant influence on actual or planned meat consumption in the observed period.

Eßer et al. (2025b) extend the results from Eßer et al. (2025a) by including additional newsletters and post-treatment follow-up surveys over a period of 14 months in total. Data shows no effect on meat consumption on average but only for people with certain prerequisites, such as already low meat consumption.

6. Data Access

The data sets are available as a Scientific Use File at the FDZ Ruhr, the research data center at RWI – Leibniz Institute for Economic Research. Data access is only granted for scientific, non-commercial studies and to affiliate researchers of scientific institutions. It requires a signed data

usage agreement which can be applied for on the FDZ website. The data can be obtained as a Stata[®] dataset (.dta) or csv. file. Users are requested to cite the source and to inform FDZ Ruhr about publications with the data. When using this and previous or following waves of the Socio-Ecological Panel, please cite each wave individually. Please cite this wave as:

Frondel, M., Eßer, J., & Holtz, L. (2026). Socio-Ecological Panel [Green SÖP], 9th Survey Wave - SUF Off-site [Dataset]. In RWI-Micro (Version 1). RWI – Leibniz Institute for Economic Research. <https://doi.org/10.7807/GREENSOEP:FW:V2>

In addition to citing the dataset, we kindly ask that you also cite this data report.

7. References

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Socio-ecological Panel Wave 2 - Questionnaire

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In the following we report all survey questions. The original questionnaire is in German. In addition to the survey data, we received information on date of participation, municipality code and postal code (current), gender, year of birth, marital status, occupational position and nationality.

Welcome message

Thank you for your interest in our survey. The topic of this survey is climate and environmental protection. This covers many different aspects, such as the currently much-discussed energy transition, but also citizens' eating habits. We are interested in your attitudes towards these topics and would like to conduct a long-term study consisting of an annual survey in 2021, 2022, 2023 and 2024.

In order to be able to answer our research questions, it is important that we conduct this survey over several years with the same participants if possible.

If already participated in SP I:

For this reason, we would like to thank you for already participating in the second survey of our long-term study and ask you to also participate in the following surveys over the next two years.

If new participant:

For this reason, if you decide to participate today, we would like to ask you to also participate in the following surveys over the next two years.

Again for all:

The study is of course subject to data protection. All data collected will be anonymized and only evaluated together with the data of other respondents. It is not possible to draw conclusions about you or your household.

We look forward to your participation in the study and would like to thank you in advance for your cooperation.

Your forsa.omninet team

The sample is randomly divided into two groups of equal size: A and B. Group A gets Experiment A, and Group B gets Experiment B.

Questions that are not especially marked are asked to all respondents (regardless of group division).

A. General

First, we would like you to answer some general questions about your household.

A1: How many people, i.e., adults and children, are currently living permanently in your household?

- _____ people
- Don't know / no answer

A2: Do you have one or more children, regardless of how old they are or whether they are already adults, and whether they live with you in the household?

- Yes
- No
- No answer

A3: Do you currently rent or own your home, or is it being given to you free of charge?

- Rent
- Owned
- Free of charge
- Don't know / No answer

A4: How many cars does your household have?

Note: Please consider the cars of all persons living permanently in your household.

- No car
- 1 car
- 2 cars

- 3 or more cars
- Don't know / No answer

If A4 = "1 car", "2 cars" or "3 or more cars"

A4A: Do you use your car to commute, for example to work, university, daycare or the like?

- No
- Yes
- No answer

If A4A = "Yes"

A4B: How many kilometers do you commute by car to work, university, daycare, etc. in an average week? If you do not know exactly, please estimate.

- _____ km
- No answer

K. Experiment B: Coal

In the following part of the survey, we are interested in your opinion on various topics relating to the economy, energy and climate change.

If Group Experiment B

ExpB1_w2: Do you have a negative or positive attitude towards large companies?

- Very negative
- Rather negative
- Neutral
- Rather positive
- Very positive
- Don't know / No answer

ExpB2_w2: Do you have a negative or positive attitude towards the market economy?

- Very negative
- Rather negative
- Neutral
- Rather positive
- Very positive
- Don't know / No answer

ExpB3_w2: Have you taken part in any climate protests or demonstrations in the last five years?

- Yes, more than two times
- Yes, once or twice
- No
- Don't know / No answer

ExpB4_w2: Have you ever taken part in demonstrations against coal-fired power plants or coal mining?

- Yes, more than two times
- Yes, once or twice
- No
- Don't know / No answer

For all participants

klima1: Based on what you know, do you think the global climate is changing or not?

- Yes, I believe that the global climate is changing.
- No, I don't believe that the global climate is changing.
- Don't know / No answer

If klima1 = "Yes, [...]"

klima2: Do you believe that climate change is mainly caused by humans or mainly by natural factors?

- Predominantly by humans
- Predominantly by natural factors
- By both to the same extent
- Don't know / No answer

If klima1 = "Yes, [...]"

ExpB6_w2: Do you believe that climate change is dangerous for mankind?

- No, certainly not
- I am unsure, but rather no
- I am unsure, but rather yes
- Yes, I am sure
- Don't know / No answer

For all participants

ExpB7_w2: Do you think climate policy is an important area of politics?

- No, it's not important
- I am unsure, but rather no
- I am unsure, but rather yes
- Yes, it is important
- Don't know / No answer

ExpB8_w2: How much do you trust science?

- I don't trust it at all
- I rather do not trust it
- I trust it partially
- I rather trust it
- I trust it completely
- Don't know / No answer

PK1: How much do you trust the German government?

- Not at all

- A little
- Quite
- Very much
- Don't know / no answer

klima3: In your opinion, what are the two most important problems that Germany is currently facing?

Items: *Up to two choices, display in random order*

- Economic situation
- Migration
- Health
- Environment and climate change
- Unemployment
- Increasing prices/inflation/cost of living
- Terrorism
- Crime
- Pensions
- Taxes
- Energy supply
- International security situation
- Others
- Don't know / no answer

U1: The energy transition encompasses a range of energy policy objectives. Please indicate how you personally feel about this. Please use the scale from 1 to 5.

Scale:

- I strongly reject (1)
- I rather reject (2)
- Neither (3)
- I am in favor (4)

- I am strongly in favor (5)
- Don't know / no answer

Items: *Display in random order*

- (a) Phasing out of nuclear energy.
- (b) Expansion of renewable energies.
- (c) Phasing out coal.
- (d) Expansion of supra-regional electricity grids.

C9: How many tons of CO₂ are emitted per person in Germany in an average year? If you don't know, please estimate.

- About 0.5 tons (500 kg) of CO₂
- About 2 tons (2,000 kg) of CO₂
- About 10 tons (10,000 kg) of CO₂
- About 34 tons (34,000 kg) of CO₂
- About 106 tons (106,000 kg) CO₂
- No answer

Experiment B

Classification into 6 groups with different relative frequencies: 1/5 in BSL, 2/15 in RU, 2/15 in FREI, 2/15 in FRNS, 1/5 in COLCTL and 1/5 in COLCR

If group BSL, RU, FREI, COLCTL or COLCR

ExpB_Inst1_v1:

As part of this study, you can decide on climate protection measures that will actually be implemented.

Below you will be given the opportunity to prevent the emission of 10 tons of carbon dioxide (CO₂). For classification: This is the amount caused by one person in Germany (through consumption, electricity consumption, heating and mobility) within one year.

On the following pages, we will present three measures that you can take to avoid CO₂. You make your decisions afterwards.

No matter what you decide, there are no costs for you as part of this study. All measures are financed by taxpayers' money.

We will now explain the three different measures A, B and C that you can choose from to prevent CO₂ emissions. You can also choose not to select any of the three measures (option D). You then make your decisions.

In order to implement your decisions, we have concluded contracts with two companies. These companies can and may implement the measures without the need for further approval.

If you make your decision on the following pages, you can view the following information at any time via links.

If group FRNS

ExpB_Inst1_v2:

As part of this study, you can decide on climate protection measures that will actually be implemented.

Below you will be given the opportunity to prevent the emission of 10 tons of car-

bon dioxide (CO₂). For classification: This is the amount caused by one person in Germany (through consumption, electricity consumption, heating and mobility) within one year.

On the following pages, we will present three measures that you can take to avoid CO₂. You make your decisions afterwards.

No matter what you decide, there are no costs for you as part of this study. All measures are financed by taxpayers' money.

Emissions from electricity generation alone rose sharply in Germany in 2021. According to the Federal Environment Agency, CO₂ emissions from coal-fired power plants have increased by 17 percent compared to 2020.

We will now explain the three different measures A, B and C that you can choose from to prevent CO₂ emissions. You can also choose not to select any of the three measures (option D). You will then make your decision.

In order to implement your decisions, we have concluded contracts with two companies. These companies can and may implement the measures without the need for further approval.

If you make your decision on the following pages, you can view the following information at any time via links.

If group BSL, RU, FRNS, COLCTL, COLCR

ExpB_Inst2a_v1:

A: Reduce emission rights in emissions trading

The European Union (EU) wants to quickly and significantly reduce the emission of greenhouse gases (e.g. CO₂) and achieve climate neutrality by 2050. In order to effectively control the emission of these gases, large power plants and industrial facilities must purchase and redeem a so-called emission allowance for every ton of CO₂ emitted. The emission right is then used up forever and cannot be used again. The quantity of these emission allowances issued by the EU is strictly limited.

If you choose measure A, we will irreversibly withdraw emission allowances for ten tons of CO₂ from circulation. Power plants will then have ten fewer emission al-

allowances at their disposal. ForTomorrow gGmbH is responsible for implementation.

Measure A reduces the number of emission allowances available to power plants by 10 tons of CO₂

If group FREI

ExpB_Inst2a_v2:

A: Reduce emission rights in emissions trading

The European Union (EU) wants to quickly and significantly reduce the emission of greenhouse gases (e.g. CO₂) and achieve climate neutrality by 2050. In order to effectively control the emission of these gases, large power plants and industrial facilities must purchase and redeem a so-called emission allowance for every ton of CO₂ emitted. The emission right is then used up forever and cannot be used again. The quantity of these emission allowances issued by the EU is strictly limited.

Emission rights are a political intervention in the market. Politicians use them to set binding targets for companies as to how much climate protection they must achieve.

If you choose measure A, we will irreversibly withdraw emission allowances for ten tons of CO₂ from circulation. Power plants will then have ten fewer emission allowances at their disposal. ForTomorrow gGmbH is responsible for implementation.

Measure A reduces the number of emission allowances available to power plants by 10 tons of CO₂

For all groups

ExpB_Inst2b:

B: Reduce the production of a coal-fired power plant

The German Bundestag has decided to phase out coal-fired power generation ("coal phase-out") by 2038. Coal-fired power plants may continue to be operated until then.

If you choose measure B, you can bring forward a small part of the coal phase-out. The production of a STEAG GmbH coal-fired power plant will be temporarily reduced so that exactly ten tons less CO₂ will be emitted.

Measure B reduces the emissions of a coal-fired power plant in Germany by 10 tons of CO₂.

For all groups

ExpB_Inst2c:

C: Combination of A and B

Measure C is a combination of measures A and B: The number of emission allowances is reduced by five tons of CO₂ and the production of the coal-fired power plant is temporarily reduced so that exactly five tons of CO₂ are emitted less.

Measure C reduces the emission allowances available to power plants by 5 tons and the emissions of a coal-fired power plant in Germany directly by 5 tons of CO₂. In total, measure C comprises 10 tons of CO₂.

For all groups

ExpB_Inst2d:

D: None of the measures A-C

If you select D, none of the climate protection measures A-C will be implemented. This means that neither the number of emission allowances nor the production of the coal-fired power plant will be reduced. The tax money reserved for this will be spent elsewhere.

If group BSL, RU, FREI, FRNS

ExpB_Inst2e_v1:

You will be asked to make two decisions below. You can select one of the measures described above. Each of your decisions has the same chance of being implemented, regardless of which measure you select.

Infobox: As a reminder, some decisions are selected and implemented at random.

Switch: How we choose whose decision will be implemented: Each participant decides twice. All decisions are placed in a lottery pot from which the decisions that are then actually implemented by STEAG GmbH and ForTomorrow gGmbH are drawn. Each decision has an equal chance of being implemented. This is around 1 in 60.

By the end of the year, all participants will receive proof by e-mail of the climate protection measures implemented as part of this study.

If group COLCTL or COLCR

ExpB_Inst2e_v2:

You will be asked to make two decisions below. You can select one of the measures described above. Each of your decisions has the same chance of being implemented, regardless of which measure you select.

Infobox: As a reminder, some decisions are selected and implemented at random.

Switch: How we choose whose decision will be implemented: Each participant decides twice. All decisions are placed in a lottery pot from which the decisions that are subsequently actually implemented by the companies STEAG GmbH and ForTomorrow gGmbH are drawn.

By the end of the year, all participants will receive proof by e-mail of the climate protection measures implemented as part of this study.

If group BSL, FREI, FRNS, COLCTL

ExpB_10_v1_w2:

You now have the opportunity to avoid 10 tons of CO₂ by choosing one of the three measures A, B or C or to explicitly choose none of the three measures and thus avoid any CO₂ (measure D). There are no costs for you, no matter what you choose.

As a reminder: 10 tons is the amount of CO₂ that a person in Germany produces (through consumption, electricity consumption, heating and mobility) within one year.

How do you decide?

- A: Measure "Reduce emission rights in emissions trading": I would like the number of **emission rights** to be reduced by 10 tons of CO₂ on a binding basis.
- B: Measure "Reduce the production of a coal-fired power plant": I would like the emissions of a **coal-fired power plant** to be reduced by a binding 10 tons of CO₂.

- C: Measure "Combination of A and B": I would like the number of **emission rights** to be mandatorily reduced by 5 tons of CO2 **and** the emissions of a **coal-fired power plant** to be mandatorily reduced by 5 tons of CO2.
- D: None of the measures A-C: I would like no CO2 to be avoided.
- don't know / no answer

*First for groups RU oder COLCR, after **ExpB_12** also for groups BSL, FREI, FRNS*

ExpB_10_v2_w2:

The three climate protection measures A, B and C differ in the extent to which they reduce overall emissions. There are various interactions between the emissions of a coal-fired power plant, the electricity market and emissions trading. If the production of a coal-fired power plant is reduced, the electricity is produced by other power plants instead and some of the emission rights that are not needed are sold to other power plants. Both counteract the original reduction in emissions. The reduction in total emissions results from the original reduction due to the measure minus the increase in emissions at other power plants. According to calculations by scientists at the University of Hamburg, the following reductions in total emissions can be expected as a result of measures A-C:

Climate protection measure	Original reduction	Expected reduction of total emissions
A: Measure "Reduce emission rights in emissions trading".	10 tons of CO2	10 tons of CO2
B: Measure "Reduce production of a coal-fired power plant".	10 tons of CO2	4.2 tons of CO2
C: Measure "Combination of A and B"	10 tons of CO2	7.1 tons of CO2

With this in mind, you now have the opportunity to choose again from the same three measures A, B and C or explicitly choose none of the three measures (D). You will still not incur any costs, regardless of your decision.

As a reminder: Ten tons is the amount of CO2 that a person in Germany produces (through consumption, electricity consumption, heating and mobility) within one year.

How do you decide?

- A: Measure "Reduce emission rights in emissions trading": I would like the number of **emission rights** to be reduced by 10 tons of CO2.
- B: Measure "Reduce the production of a coal-fired power plant": I would like the emissions of a **coal-fired power plant** to be reduced by a binding 10 tons of CO2.
- C: Measure "Combination of A and B": I would like the number of **emission rights** to be mandatorily reduced by 5 tons of CO2 **and** the emissions of a **coal-fired power plant** to be mandatorily reduced by 5 tons of CO2.
- D: None of the measures A-C: I would like no CO2 to be avoided.
- don't know / no answer

For all groups

ExpB_11_w2:

We would like to know more about the reasons for your decision. Please think only about the effect of the measures on the reduction of CO2. Do you think the three measures are equally effective in reducing CO2 or do you think that certain measures reduce CO2 more effectively than others?

Please rank the three measures in terms of their effectiveness. Assign a value between 1 and 3 for each of the three measures. The most effective measure receives a 1, the second most effective a 2 and the third most effective a 3. You can also assign equal ranks. If all three measures are equally effective, they all receive a 1. If two measures are equally effective but more effective than the remaining measure, the two equally effective measures are ranked 1 and the less effective measure is ranked 2. If two measures are equally effective but less effective than the remaining measure, the most effective measure is ranked 1 and the two equally effective measures are ranked 2.

A: Measure "Reduce emission rights in emissions trading".

B: Measure "Reduce the production of a coal-fired power plant".

C: Measure "Combination of A and B".

Don't know/no answer

If group COLCTL or COLCR

ExpB_12_w2:

This question is not about your personal assessment. How do you think **most other participants** rate the climate impact of the three measures? Do most other participants consider the three measures to be equally effective **to reduce CO2** or do you think that certain measures are considered to be more effective at reducing CO2 than others?

A: Measure "Reduce emission rights in emissions trading".

B: Measure "Reduce the production of a coal-fired power plant".

C: Measure "Combination of A and B".

Please rank the three measures in terms of their effectiveness. Assign a value between 1 and 3 for each of the three measures. The most effective measure receives a 1, the second most effective a 2 and the third most effective a 3. You can also assign equal ranks. If all three measures are equally effective, they all receive a 1. If two measures are equally effective but more effective than the remaining measure, the two equally effective measures are awarded 1 and the less effective measure is awarded 2. If two measures are equally effective but less effective than the remaining measure, the most effective measure is ranked 1 and the two equally effective measures are ranked 2.

If group RU

ExpB_10_v3_w2:

The legal framework for the provision of emission allowances for power plants and industry is currently being revised:

The European Commission has made a **proposal** on this. If it is adopted, all three measures A, B and C will lead to the same reduction in total emissions. All three climate protection measures **in this case actually** reduce total emissions **by 10 tons of CO2**. This would therefore result in the following reductions in total emissions:

Climate protection measure	Original reduction	Expected reduction of total emissions
A: Measure "Reduce emission rights in emissions trading"	10 tons of CO ₂	10 tons of CO ₂
B: Measure "Reduce production of a coal-fired power plant"	10 tons of CO ₂	10 tons of CO ₂
C: Measure "Combination of A and B"	10 tons of CO ₂	10 tons of CO ₂

However, it is not yet clear whether the Commission's proposal will be implemented **at this stage**. This still requires the approval of the European Parliament and the Council of the European Union.

Against this background, you now have the opportunity to choose again from the same three measures A, B and C or explicitly choose none of the three measures (D). You will still not incur any costs, regardless of your choice.

As a reminder: 10 tons is the amount of CO₂ that a person in Germany produces (through consumption, electricity consumption, heating and mobility) within one year.

How do you decide?

- A: Measure "Reduce emission rights in emissions trading": I would like the number of **emission rights** to be reduced by 10 tons of CO₂.
- B: Measure "Reduce the production of a coal-fired power plant": I would like the emissions of a **coal-fired power plant** to be reduced by a binding 10 tons of CO₂.
- C: Measure "Combination of A and B": I would like the number of **emission allowances** to be reduced by a binding 5 tons of CO₂ **and** the emissions of a **coal-fired power plant** to be reduced by a binding 5 tons of CO₂.
- D: None of the measures A-C: I would like no CO₂ to be avoided.
- don't know / no answer

If group COLCTL

ExpB_10_v4_w2:

You now have the opportunity to choose again from the same three measures A, B and C or explicitly choose none of the three measures (D). You will still not incur any costs, regardless of your decision.

In contrast to the first decision, in which you decided alone, this is now a **voting deci-**

sion together with other participants:

The climate protection measure that receives at least half of all votes cast (i.e. an absolute majority) is implemented. If none of the measures A, B or C achieve this majority, none of the three measures will be implemented. This corresponds to the implementation of alternative D.

Note that the reduction in CO₂ emissions in this group decision is ten times higher than in the individual decision. As a reminder: 100 tons is the amount of CO₂ that ten people in Germany cause (through consumption, electricity consumption, heating and mobility) within one year, or one person in Germany causes within ten years.

How do you decide?

- A: Measure "Reduce emission rights in emissions trading": I would like the number of **emission rights** to be reduced by hundred tons of CO₂ on a binding basis.
- B: Measure "Reduce the production of a coal-fired power plant": I would like the emissions of a **coal-fired power plant** to be reduced by a binding hundred tons of CO₂.
- C: Measure "Combination of A and B": I would like the number of **emission rights** to be mandatorily reduced by fifty tons of CO₂ **and** the emissions of a **coal-fired power plant** to be mandatorily reduced by fifty tons of CO₂.
- D: None of the measures A-C: I would like no CO₂ to be avoided.
- don't know / no answer

If group COLCR

ExpB_10_v5_w2:

You now have the opportunity to choose again from the same three measures A, B and C or explicitly choose none of the three measures (D). You will still not incur any costs, regardless of your decision.

In contrast to the first decision, in which you decided alone, this is now a **voting decision** together with other participants:

The climate protection measure that receives at least half of all votes cast (i.e. an absolute majority) is implemented. If none of the measures A, B or C achieve this majority,

none of the three measures will be implemented. This corresponds to the implementation of alternative D.

Note that the reduction in CO₂ emissions in this group decision is ten times higher than in the individual decision. As a reminder: 100 tons is the amount of CO₂ that ten people in Germany cause (through consumption, electricity consumption, heating and mobility) within one year, or one person in Germany causes within ten years.

As you already know, the three climate protection measures A, B and C differ in the extent to which they reduce overall emissions. There are various interactions between the emissions of a coal-fired power plant, the electricity market and emissions trading. If the production of a coal-fired power plant is reduced, the electricity is produced by other power plants instead and some of the emission rights that are not needed are sold to other power plants. Both counteract the original reduction in emissions. The reduction in total emissions results from the original reduction due to the measure minus the increase in emissions at other power plants. According to calculations by scientists at the University of Hamburg, the following reductions in total emissions can be expected as a result of measures A-C:

Climate protection measure	Original reduction	Expected reduction of total emissions
A: Measure "Reduce emission rights in emissions trading"	100 tons of CO ₂	100 tons of CO ₂
B: Measure "Reduce production of a coal-fired power plant"	100 tons of CO ₂	42 tons of CO ₂
C: Measure "Combination of A and B"	100 tons of CO ₂	71 tons of CO ₂

How do you decide?

- A: Measure "Reduce emission rights in emissions trading": I would like the number of **emission rights** to be reduced by hundred tons of CO₂ on a binding basis.
- B: Measure "Reduce the production of a coal-fired power plant": I would like the emissions of a **coal-fired power plant** to be reduced by a binding hundred tons of CO₂.

- C: Measure "Combination of A and B": I would like the number of **emission allowances** to be reduced by a binding fifty tons of CO2 **and** the emissions of a **coal-fired power plant** to be reduced by a binding fifty tons of CO2.
- D: None of the measures A-C: I would like no CO2 to be avoided.
- don't know / no answer

From here on for all groups

ExpB_13_w2:

We would like to learn more about the reasons for your decisions.

In addition to the climate impact, measures A to C can also differ in terms of who is **financially burdened or relieved**. When answering this question, please think about the financial impact you expect and **not** the climate impact:

Which measure appeals to you most in terms of financial impact?

Please rank the three measures in terms of their financial impact. Assign a value between 1 and 3 for each of the three measures. The measure that appeals to you the most is given a 1, the second a 2 and the third a 3. You can also assign equal ranks. If you like all the measures equally, they all get a 1. If you like two measures equally, but more than the remaining measure, the two best measures get 1 and the less appealing measure gets 2. If you agree with two measures equally, but less than the remaining measure, the best measure gets the 1 and the other two measures get the 2.

A: Measure "Reduce emission rights in emissions trading".

B: Measure "Reduce the production of a coal-fired power plant".

C: Measure "Combination of A and B".

Don't know/no answer

ExpB_14_w2: When making the two decisions on climate protection measures were you

- overwhelmed.
- rather overwhelmed.
- neither overwhelmed nor underchallenged.

- rather underchallenged.
- underchallenged.
- don't know / no answer

ExpB_15_w2: When making the two decisions on climate protection measures were you

- enthusiastic.
- rather enthusiastic.
- neither enthusiastic nor bored.
- rather bored.
- bored.
- don't know / no answer

ExpB_16_w2: Do you think that decisions on climate protection measures should be made by politicians?

- Do not agree
- Rather disagree
- Neutral
- Tend to agree
- Agree
- don't know / no answer

E. Energy

In the following, we will ask you a few questions about your energy supply.

E1: How is your apartment or house mainly heated?

- Natural gas
- Heating oil

- District heating
- Electricity (night storage heating)
- Heat pump
- Other (e.g. wood, coal, liquid gas)
- Don't know / No answer

E2: Do you buy your electricity from a green electricity provider or have you chosen a green electricity tariff from a conventional electricity provider?

- Yes, a green electricity provider
- Yes, a green electricity tariff
- No, neither of the two
- Don't know / No answer

E3: Do you have the feeling that you have to give up things in your everyday life due to rising or too high energy costs?

Information window:

Energy costs include heating costs, electricity costs and fuel costs.

- No
- Yes, occasionally
- Yes, regularly
- Don't know / No answer

If E3 = "Yes, occasionally" or "Yes, regularly"

E4: Which energy costs are particularly burdensome for you?

Items: Multiple choices possible, display in random order

- Heating costs
- Electricity costs
- Fuel costs
- Don't know / No answer

E5: Are you concerned that electricity, heating and fuel costs will continue to rise in the future?

- Not at all worried (1)
- Rather not worried (2)
- Neither worried nor not worried (3)
- Rather worried (4)
- Very worried (5)
- Don't know / No answer

Items:

- (1) Heating costs
- (2) Electricity costs
- (3) Fuel costs

E6a: Are you concerned that a sufficient supply of energy cannot be guaranteed in Germany in the near future?

- Not at all worried (1)
- Rather not worried (2)
- Neither worried nor not worried (3)
- Rather worried (4)
- Very worried (5)
- Don't know / No answer

E6b: In the current debate on energy security, it is often said that Germany's energy supply should become more independent of other countries. How important do you think such energy independence is in Germany?

- Not at all important
- Rather not important
- Neither
- Rather important

- Very important
- Don't know / No answer

E7: In the context of the war in Ukraine, various measures are being discussed in connection with the energy supply in Germany. Do you support the following measures?

- No
- Rather no
- Neither
- Rather yes
- Yes
- Don't know
- No answer

Items: *Display in random order*

- (1) Stopping imports of Russian gas and oil and Russian coal
- (2) Recruitment of Qatar as an alternative energy supplier
- (3) Construction of liquefied natural gas terminals (LNG terminals) to facilitate the import of gas from countries from which there is no pipeline to Germany
- (4) Full supply of electricity from renewable energies by 2035
- (5) Postponement of the nuclear phase-out
- (6) Postponement of the coal phase-out
- (7) Import of green hydrogen (hydrogen produced with the help of renewable energies)

E8_1: Energy prices have risen sharply recently for various reasons. The German government has adopted various measures to ease the burden on citizens. Do you support these measures?

- No
- Rather no
- Neither
- Rather yes

- Yes
- Don't know / No answer

Items: *Display in random order*

- (1) Reduction in energy tax for three months by 30 cents/liter petrol and 14 cents/liter diesel
- (2) One-time energy allowance of 300 euros
- (3) Discounted tickets (9 euros per month) for local public transport for three months
- (4) Additional One-time payment for families of 100 euros per child
- (5) Additional One-time payment of 100 euros for recipients of social benefits
- (6) Increase in the distance allowance for long-distance commuters (from the 21st kilometer) and the mobility bonus by 28 cents
- (7) Abolition of the EEG levy (contribution to the expansion of renewable energies, which is added to the electricity price)
- (8) One-time heating cost subsidy for recipients of housing benefit, trainees and students receiving BAföG

E8_2: How unfair or fair do you think these measures are?

- Very unfair
- Rather unfair
- Neither
- Rather fair
- Very fair
- Don't know / No answer

Items: *Display in random order*

- (1) Reduction in energy tax for three months by 30 cents/liter petrol and 14 cents/liter diesel
- (2) One-time energy allowance of 300 euros
- (3) Discounted tickets (9 euros per month) for local public transport for three months
- (4) Additional One-time payment for families of 100 euros per child

- (5) Additional One-time payment of 100 euros for recipients of social benefits
- (6) Increase in the distance allowance for long-distance commuters (from the 21st kilometer) and the mobility bonus by 28 cents
- (7) Abolition of the EEG levy (contribution to the expansion of renewable energies, which is added to the electricity price)
- (8) One-time heating cost subsidy for recipients of housing benefit, trainees and students receiving BAföG

U. Implementation of the energy transition

Now we come to your views on how the energy transition should be implemented. The energy transition refers to the conversion of the German energy system from the use of fossil fuels (oil, natural gas, coal) and nuclear energy to renewable energies (e.g. wind and solar energy).

Irrespective of previous groups: Division of participants into several groups: Group No trade-off, Group Trade-off higher energy costs, Group Advantages and disadvantages climate, Group Advantages and disadvantages independence

If Group No trade-off

U10a_1: Are you in favor of the energy transition?

Scale:

- No (1)
- Rather no (2)
- Neither (3)
- Rather yes (4)
- Yes (5)
- Don't know / No answer

U10a_2: How unfair or fair do you think the energy transition is?

Scale:

- Very unfair (1)
- Rather unfair (2)
- Neither (3)
- Rather fair (4)
- Very fair (5)
- Don't know / No answer

If Group Trade-off higher energy costs

U10b_1: Are you generally in favor of the energy transition, even if it means significantly higher energy costs for your household? In 2021, an average three-person household with a typical electricity consumption of 4,000 kWh per year had to pay around 300 euros more for electricity for the expansion of renewable energies alone.

Scale:

- No (1)
- Rather no (2)
- Neither (3)
- Rather yes (4)
- Yes (5)
- Don't know / No answer

U10b_2: How unfair or fair do you think the energy transition is?

Scale:

- Very unfair (1)
- Rather unfair (2)
- Neither (3)
- Rather fair (4)
- Very fair (5)
- Don't know / No answer

If Group Advantages and disadvantages climate

U10c_1: Among other things, the energy transition has led to a strong expansion of renewable energies in Germany: In 2021, these accounted for almost 50% of electricity consumption. As a result, the energy transition is making an important contribution to climate protection. However, this is also accompanied by significantly higher energy costs for your household: in 2021, an average three-person household with a typical electricity consumption of 4,000 kWh per year had to pay around 300 euros more for electricity for the expansion of renewable energies alone. When you weigh up the pros and cons of the energy transition, what is your overall opinion?

Are you in favor of the energy transition?

Scale:

- No (1)
- Rather no (2)
- Neither (3)
- Rather yes (4)
- Yes (5)
- Don't know / No answer

U10c_2: How unfair or fair do you think the energy transition is?

Scale:

- Very unfair (1)
- Rather unfair (2)
- Neither (3)
- Rather fair (4)
- Very fair (5)
- Don't know / No answer

If Group Advantages and disadvantages independence

U10d_1: Among other things, the energy transition has led to a strong expansion of renewable energies in Germany: In 2021, these contributed a share of just under 50%

to covering electricity consumption. As a result, the energy transition is making an important contribution to making the energy supply in Germany less dependent on other countries. However, this is also accompanied by significantly higher energy costs for your household: in 2021, an average three-person household with a typical electricity consumption of 4,000 kWh per year had to pay around 300 euros more for electricity for the expansion of renewable energies alone. When you weigh up the pros and cons of the energy transition, what is your overall opinion?

Are you in favor of the energy transition?

Scale:

- No (1)
- Rather no (2)
- Neither (3)
- Rather yes (4)
- Yes (5)
- Don't know / No answer

U10d_2: How unfair or fair do you think the energy transition is?

Scale:

- Very unfair (1)
- Rather unfair (2)
- Neither (3)
- Rather fair (4)
- Very fair (5)
- Don't know / No answer

Framing experiment city toll:

We are now interested in your opinion on various measures as part of the mobility transition. Some of these measures are accompanied by higher costs for consumers, for example as a result of the possible introduction of a congestion charge (road toll) for driving in city centers.

Regardless of previous groups: division into three groups (Group 1: Control group, Group 2: Expansion, Group 3: Advantages predominate)

If Group 1: Control group: No further information

If Group 2: Expansion: The revenue generated by this congestion charge can be used to expand local public transport and cycle paths, for example.

If Group 3: Advantages predominate: Many citizens are therefore initially opposed to such a congestion charge. However, the advantages of a congestion charge, such as better air quality, less congestion, traffic noise and accidents as well as more space for cyclists and pedestrians, mean that the initial rejection quickly gives way to broad public approval. In Stockholm, for example, around 70% of those affected were in favor of a congestion charge 5 years after its introduction.

For all participants

U11_1: Various measures have been proposed to reduce the volume of traffic in city centers. Do you think that the following measures should be introduced?

Scale:

- No
- Rather no
- Neither
- Rather yes
- Yes
- Don't know / No answer

Items: Display in random order

- (1) City toll (road toll) for city centers
- (2) Driving bans in city centers for cars with particularly high pollutant emissions (e.g. old diesel vehicles)

U11_2: How unfair or fair do you think the following measures are?

Scale:

- Very unfair
- Rather unfair
- Neither
- Rather fair
- Very fair
- Don't know / No answer

Items: *Display in random order*

- (1) City toll (road toll) for city centers
- (2) Driving bans in city centers for cars with particularly high pollutant emissions (e.g. old diesel vehicles)

U12_1: As part of the traffic turnaround, other measures are also being discussed that are intended to reduce car traffic or the associated CO2 and pollutant emissions and do not only relate to city centers. Do you think that the following measures should be introduced?

Scale:

- No
- Rather no
- Neither
- Rather yes
- Yes
- Don't know / No answer

Items: *Display in random order*

- (1) Car tolls (also outside city centers) so that people who drive a lot have to pay more
- (2) Driving bans (also outside city centers) for cars with particularly high pollutant emissions (e.g. old diesel vehicles)
- (3) Ban on new registrations of cars with petrol or diesel engines from 2030

- (4) Annual increase in government levies on petrol and diesel prices, for example by 5 cents per liter
- (5) Speed limit of 130 km/h on highways
- (6) More space for cycling and walking, less for cars

U12_2: How unfair or fair do you think the following measures are?

Scale:

- Very unfair
- Rather unfair
- Neither
- Rather fair
- Very fair
- Don't know / No answer

Items: *Display in random order*

- (1) Car tolls (also outside city centers) so that people who drive a lot have to pay more
- (2) Driving bans (also outside city centers) for cars with particularly high pollutant emissions (e.g. old diesel vehicles)
- (3) Ban on new registrations of cars with petrol or diesel engines from 2030
- (4) Annual increase in government levies on petrol and diesel prices, for example by 5 cents per liter
- (5) Speed limit of 130 km/h on highways
- (6) More space for cycling and walking, less for cars

U13_1: Various options are also being discussed or have already been implemented with regard to the energy transition in the heating sector. Do you think that the following measures should be introduced or maintained?

Scale:

- No
- Rather no

- Neither
- Rather yes
- Yes
- Don't know / No answer

Items: *Display in random order*

- (1) Greater financial support for alternative energy technologies for heat generation (e.g. heat pumps, solar thermal energy)
- (2) Ban on the installation of new heating technologies based on natural gas
- (3) Tax incentives for energy-efficient building modernization, where up to 40,000 euros can be deducted from the tax liability over three years
- (4) Ban on the installation of new oil-only heating systems
- (5) Increasingly strict legal requirements regarding the energy efficiency of new buildings

U13_2: How unfair or fair do you think the following measures are?

Scale:

- Very unfair
- Rather unfair
- Neither
- Rather fair
- Very fair
- Don't know / No answer

Items: *Display in random order*

- (1) Greater financial support for alternative energy technologies for heat generation (e.g. heat pumps, solar thermal energy)
- (2) Ban on the installation of new heating technologies based on natural gas
- (3) Tax incentives for energy-efficient building modernization, where up to 40,000 euros can be deducted from the tax liability over three years
- (4) Ban on the installation of new oil-only heating systems

- (5) Increasingly strict legal requirements regarding the energy efficiency of new buildings

C. Carbon price

C3: The carbon price was introduced in Germany on January 1, 2021. How well informed do you feel about this?

- Not informed at all
- Rather poorly informed
- Neither
- Rather well informed
- Very well informed
- Don't know / No answer

C4: In your opinion, which of the following statements apply to the carbon price? You can select one or more answers.

Items: *Display in random order*

- The carbon price makes activities that emit CO₂ more expensive.
- One aim of the carbon price is to protect the climate.
- One aim of the carbon price is to solve environmental problems such as the pollution of the oceans by plastic waste or the extinction of species.
- The carbon price makes driving more expensive.
- One aim of the carbon price is to reduce congestion and improve air quality in cities.
- One aim of the carbon price is to generate higher tax revenues.
- A carbon price only affects companies. A carbon price does not affect citizens.
- A carbon price means that you have to pay for the CO₂ that you cause yourself.
- Don't know / No answer

C5: Which products do you think are subject to the CO₂ price introduced in 2021? You can select one or more answers.

Items: *Display in random order*

- Heating oil, natural gas and liquid gas
- Electricity
- Plastic bags and packaging
- Animal products such as milk, cheese, fish and meat
- Gasoline, diesel and LPG
- Kerosene (i.e. on flights)
- Firewood
- Fruit and vegetables
- Sweets and products that contain a lot of sugar
- Clothing and shoes
- Don't know / No answer

C6: The current carbon price is 30 euros per ton of CO₂. This also affects how much you have to pay for petrol and diesel, for example. By how many cents does the carbon price increase the price of gasoline and diesel? If you don't know, please make an estimate.

Items: *Display in random order*

- 8 cents/liter petrol, 9 cents/liter diesel
- 1 cent/liter petrol, 2 cents/liter diesel
- 20 cents/liter petrol, 25 cents/liter diesel
- 13 cents/liter petrol, 17 cents/liter diesel
- No answer

If A4A = "Yes" and A4B unequal to "Don't know / No answer"

C7: The current carbon price is 30 euros per ton of CO₂. By how many euros will this increase your weekly fuel costs for commuting to work, university, daycare, etc. compared to a situation without a carbon price? If you don't know, please estimate.

- _____ euros
- No answer

C8: Let's assume you drive around 15,000 km a year with an average fuel consumption (petrol or diesel) of around 7 liters per 100 kilometers. How much CO₂ is emitted? If you don't know, please estimate.

- About 0.1 tons (100 kg) of CO₂
- About 0.5 tons (500 kg) of CO₂
- About 2.5 tons (2,500 kg) of CO₂
- About 5.0 tons (5,000 kg) of CO₂
- No answer

C10: How can you reduce your own CO₂ emissions? You can select one or more answers.

Items: *Display in random order*

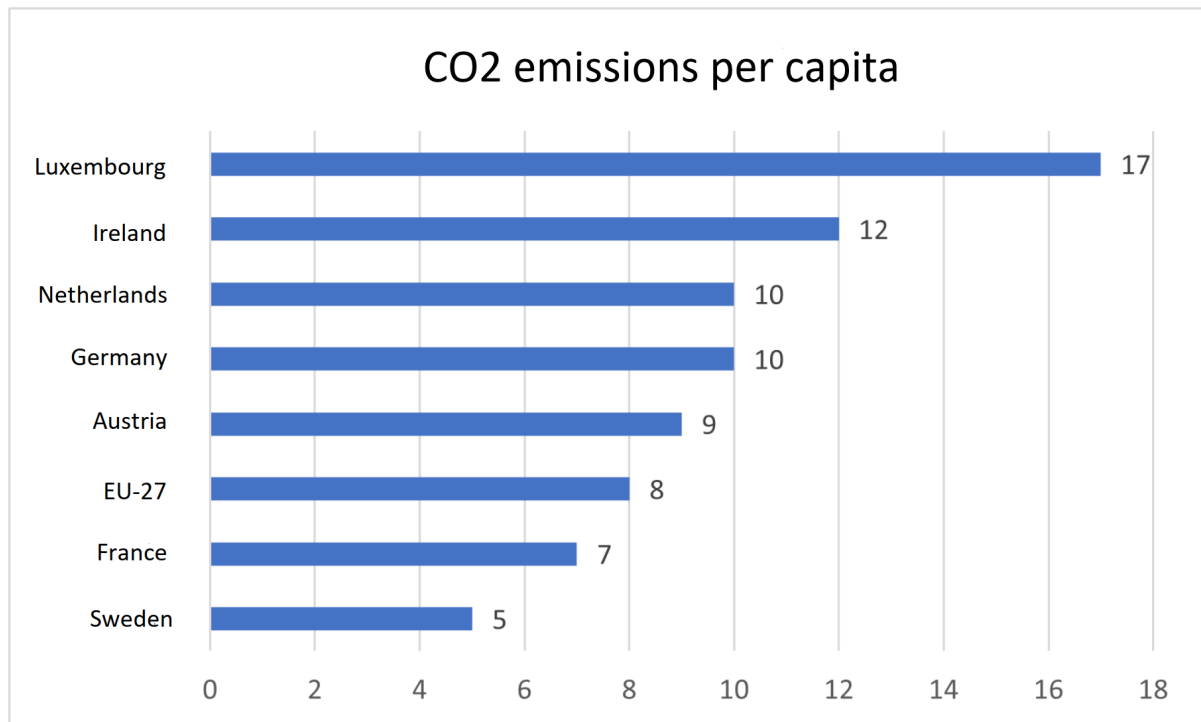
- Switch to green electricity
- Drive less by car
- Use air conditioning
- Only ever charge your smartphone to 60%
- Buy food from the region
- Buy fewer dairy products
- Don't know / No answer

Information page on CO₂ emissions:

In Germany, annual CO₂ emissions per capita are around 10 tons. This puts Germany well above the European Union average.

In order to achieve the climate target for 2030 - to reduce CO₂ emissions by 55% compared to 1990 - annual emissions must be reduced to 6.8 tons per capita.

Against this background, Germany has been levying the so-called carbon price since the beginning of 2021, which has been 30 euros per ton of CO₂ since January 1st of this



year. The carbon price was introduced to protect the climate and increases the price of fossil fuels such as petrol, diesel, heating oil and natural gas.

For your information, we have prepared a list of the average CO2 emissions of various activities:

- Car journey from Berlin to Munich: 0.11 tons of CO2
- Operation of gas heating (112 cubic meters; corresponds to the annual consumption of an average household): 2.49 tons of CO2
- Operation of oil heating (2,000 liters; corresponds to the annual consumption of an average household): 6.35 tons of CO2

Now the respondents are divided into 3 groups (independent of the previous grouping), which differ in the amount of the carbon price: 30, 50 or 100 euros.

If carbon price = 30 euros

C1a_1: A carbon price of 30 euros per ton of CO2 means that a car journey from Berlin to Munich (including VAT) becomes 3.30 euros more expensive. The cost of operating gas heating increases by 74.70 euros and the cost of operating oil heating increases by

190.50 euros.

Do you support CO2 pricing of 30 euros per ton of CO2?

- Yes
- No
- Don't know / No answer

If carbon price = 50 or 100 euros

In the future, higher carbon prices will be necessary to promote climate protection. Increasing the carbon price to 50/100 euros per ton of CO2 would increase the cost of a car journey from Berlin to Munich (including VAT) by 5.50/11.00 euros. Operating gas heating would become 124.50/249.00 euros more expensive and the cost of operating oil heating would rise by 317.50/635.00 euros.

C1b: Would you agree to an increase in the carbon price to 50/100 euros per ton of CO2?

- Yes
- No
- Don't know / No answer

For all participants

C2: We have now put together a series of suggestions on how the additional revenue generated by the German government through CO2 pricing could be used. Please indicate the extent to which you agree with the following measures.

Scale:

- Do not agree at all (1)
- Rather disagree (2)
- Neither (3)
- Rather agree (4)
- Completely agree (5)
- Don't know / no answer (6)

Items: *Display in random order*

The revenue from CO2 pricing should be used

- ... for the expansion of renewable energies (e.g. wind, solar and hydropower) or climate-friendly transport systems (e.g. cycle paths and public transport)
- ... for an annual repayment to all citizens in the same amount.
- ... to support low-income households.

F. Experiment A: Meat consumption

Entire question block only if Group A

In the following part of the survey we are interested in your diet.

F0a: (Diet - meat consumption): Which diet generally applies to you?

I eat ...

- everything, both plant and animal products
- rarely meat/flexitarian
- vegetarian (neither meat nor fish or products made from them, such as sausage, but products from living animals such as eggs or milk)
- pescetarian (no meat products, but fish)
- vegan (no animal products)
- other, namely _____
- No answer

F0b: (Diet - other restrictions): Did you eat differently than you normally do in the past four weeks?

- No
- Yes, namely _____
- No answer

F1_freq:

If F0a = "everything, both plant and animal products"

You have indicated that you eat both plant and animal products.

If F0a = "rarely meat/flexitarian"

You have indicated that you rarely eat meat or have a flexitarian diet.

For both groups ("everything" and "rarely meat/flexitarian"):

How many meals have you eaten meat at in the last week? Please think about your breakfast, lunch and dinner as well as snacks.

_____ Meals

F1: (Query meat consumption) As part of our research project, we are interested in your **meat and fish consumption** and would like to ask you to indicate on the following page how much meat and fish you have eaten **in the last four weeks**. For our study, it does not matter whether you have eaten a lot or a little meat and fish. The only important thing is that you answer honestly and as accurately as possible.

To make it easier for you to indicate your meat and fish consumption, we have divided various meat and fish products and dishes containing meat, sausage or fish into

9 categories:

Category 1: Cold cuts, spreadable sausage, ham (cubes) and the like

Category 2: Bratwurst, boiled sausage and the like

Category 3: Schnitzel, steak and the like

Category 4: Poultry

Category 5: Kebab, gyros, burgers and the like with meat or sausage

Category 6: Pizza, pide, quiche and the like with meat or sausage

Category 7: Mixed dishes such as salads, soups or rice dishes with meat or sausage

Category 8: Quick meals/snacks with meat or sausage

Category 9: Fish and seafood

In the table below, you can now enter how many portions of meat or fish you have eaten from each category **in the last four weeks**. Please remember that it does not matter for our study whether you have eaten a lot or a little meat and fish. The only important thing is that you answer honestly and as accurately as possible.

Please note:

- If you would like to indicate **less than one portion**, you can do so by indicating 0.5 for a half portion or 0.25 for a quarter portion, for example.
- Please **do not assign meals twice** if possible.

You can find further information on indicating your meat and fish consumption here.

Information window:

- For each of the categories, you can indicate below how many portions you have eaten in the last four weeks. For each category, you can choose to indicate your consumption **per day, per week or per month**, whichever is easiest for you.
- If you have eaten something that **does not fit directly into one of the categories listed**, please assign it to the category in which the amount of meat in a portion is most similar to the amount of meat in your meal.

Figure 1: Example from the online survey for Category 1

Kategorie 1: Aufschnittwurst, Streichwurst, Schinken(würfel) und Ähnliches¹

Aufschnittwurst, Schinken(würfel), Streichwurst, Wurstsalat oder Ähnliches - z.B. zum Frühstück oder Abendbrot, auf einem Brot, Brötchen oder im Rührei.²

Hinweis: Eine Portion entspricht etwa einer Scheibe Mortadella. **Beispielfoto** ³

Portionen pro ⁴

☐ *habe ich nicht gegessen*⁵

☐ *weiß nicht / keine Angabe*⁶

¹ Category 1: Sliced sausage, spreadable sausage, ham (cubes) and the like
² Sliced sausage, spreadable sausage, ham (cubes) and the like, e.g. for breakfast or dinner, on bread or in scrambled eggs
³ Note: one portion is about a slice of cheese. Example picture (i)
⁴ _____ portions per [day, week or month]
⁵ did not eat
⁶ don't know / no answer

This was repeated in the same manner for the following categories:

Category 2: Bratwurst, boiled sausage and the like

Bratwurst, curry wurst, white wurst, viennese wurst, bockwurst or the like, e.g. at a barbecue, with fries, bread or pretzel, or in a hotdog

Note: One portion is about one mid-sized bratwurst

Category 3: Schnitzel, steak and the like

Schnitzel, steak, cutlet, grilled meat (also skewers, pork ribs, etc.), roast, meat loaf or the like

Note: One portion is about one cutlet, one steak or one schnitzel

Category 4: Poultry

Poultry, e.g. in the form of chicken breast fillet, duck breast, chicken thighs, nuggets, wings or the like

Note: One portion is about one chicken thigh, one chicken breast fillet or eight nuggets or wings

Category 5: Kebab, gyros, burgers and the like with meat or sausage

Kebab meat, gyros, pulled pork, minced meat/meatball/burger patty or the like, e.g. in a flatbread/roll/wrap/taco/burger or on a mixed plate with side dishes (kebab plate, gyro plate, etc.)

Note: One portion is about the same as one kebab or one kebab plate. If you have eaten a portion with double meat, this counts as two portions

Category 6: Pizza, pide, quiche and the like with meat or sausage

Pizza, pide, tarte flambée, quiche or similar with salami, ham (diced), kebab meat, minced meat, etc.

Note: One portion is about the same as a normal-sized salami pizza. A pizza with a lot of meat, e.g. a pizza with kebab meat, corresponds to about 2 portions

Category 7: Mixed dishes such as salads, soups or rice dishes with meat or sausage

Mixed dishes such as salads, bowls, soups, casseroles, stews, rice or pasta dishes containing meat, e.g. bolognese, chili con carne, curry, stew with sausage, chicken soup, pho, Zürcher Geschnetzeltes, goulash, etc.

Note: One portion corresponds to one plate or one large soup bowl

Category 8: Quick meals/snacks with meat or sausage

Meat as a quick snack (if not already mentioned in another category) - e.g. salami sticks, Landjäger sausages, sandwiches, cheese bread rolls with ham cubes, meat loaf rolls

Note: One portion corresponds to about one meat loaf roll. A bread roll topped with several slices of sausage/ham corresponds to about half a portion. A salami stick or a cheese bread roll with ham cubes corresponds to about a quarter portion

Category 9: Fish and seafood

Fish and seafood, e.g. salmon fillet, matjes, tuna, smoked salmon, prawns, clams etc.

Note: One portion corresponds to about one piece of fish fillet. A can of tuna corresponds to about half a portion, a slice of smoked salmon to a quarter of a portion

F2a_1: How many meals do you eat in total in a typical working week (Monday to Friday)?

Note: Please do not include breakfast and snacks.

_____ Meals per week (without weekend)

- Don't know / no answer

F2a_2: How many meals do you eat in total on a typical weekend (Saturday and Sunday)?

Note: Please do not include breakfast and snacks.

_____ Meals per weekend

- Don't know / no answer

F2b_1: How many of the meals you eat on average in a working week (Monday to Friday) are ...

Note: Please divide the [answer of F2a_1] meals into the types of dishes below. If you do not know exactly, please estimate.

- home-cooked meals (prepared by yourself or another person from your household)
- ready meals, such as frozen meals or canned food
- meals that you eat in a restaurant, canteen, snack bar, etc. or take away from there or have delivered to you
- other

F2b_2: How many of the meals you eat on average on the weekend (Saturday and Sunday) are ...

Note: Please divide the [answer of *F2a_2*] meals into the types of dishes below. If you do not know exactly, please estimate.

- home-cooked meals (prepared by yourself or another person from your household)
- ready meals, such as frozen meals or canned food
- meals that you eat in a restaurant, canteen, snack bar, etc. or take away from there or have delivered to you
- other

In the following, we are more interested in your meat consumption and your attitudes towards it. For the sake of simplicity, we will only refer to meat, but we also include meat products such as sausage.

F3: Do you think you eat more or less meat than the average German?

- Much less
- A bit less
- About as much as the average
- A bit more
- Much more
- Don't know / no answer

F4: Have you reduced your meat consumption in the last few years?

- Yes
- No
- Don't know / no answer

If F4 = "No"

F5a: state of change (Wolstenholme et al. 2021)

Which of the following statements best describes how you feel about your current meat consumption?

- (1) I am happy with my meat consumption and see no need to change it.
- (2) I would like to increase my meat consumption.
- (3) I would like to reduce my meat consumption, but it's difficult for me at the moment.
- (4) I would like to reduce my meat consumption and plan to do so in the near future.
- (5) Don't know / no answer

If F4 = "Yes"

F5b: state of change (Wolstenholme et al. 2021)

Which of the following statements best describes how you feel about your current meat consumption?

- (1) I have already reduced my meat consumption, but I do not think it is possible to maintain this lower consumption.
- (2) I have already reduced my meat consumption and am satisfied with my current consumption.
- (3) I have already reduced my meat consumption, but plan to reduce it even further.
- (4) Don't know / no answer

F6: attitude (Wolstenholme et al. 2021)

Reducing your meat consumption is ...

Show items in matrix and in random order.

- (1) bad ... (5) good

- (1) not important ... (5) important
- (1) not environmentally friendly ... (5) environmentally friendly
- (additionally) Don't know / no answer

F7: To what extent do you agree with the following statements?

Note: We have already presented some of the following statements to you in a similar form in one of the previous questions. However, it is important for our study that you also indicate here to what extent you agree with these statements.

Scale:

- Do not agree at all
- Rather disagree
- Neither
- Rather agree
- Completely agree
- Don't know / no answer

Items: *Display in random order*

- I would like to reduce my meat consumption.
- I plan to reduce my meat consumption.
- I will reduce my meat consumption.
- The people who are important to me think that I should reduce my meat consumption.
- The people who are important to me would approve if I reduced my meat consumption.
- The people who are important to me expect me to reduce my meat consumption.
- It's entirely up to me whether I reduce my meat consumption.
- I think I have enough options to reduce my meat consumption.
- I believe I am in a position to reduce my meat consumption.
- I am a meat eater.
- I am someone who likes to eat meat at every meal.

F8: If you think about the people who are important to you, what proportion of them do not eat meat or only eat it very rarely?

Slider 0-100%

- Don't know / no answer

If F4 = "Yes" or F4 = "No" and F5a = (3) or (4)

F9: How important are the following reasons for your decision to eat less or no meat?

Scale:

- Not important at all
- Rather unimportant
- Rather important
- Very important
- Don't know / no answer

Items: *Display in random order*

- (a) Animal wellbeing
- (b) Environmental/climate protection
- (c) Health
- (d) Curiosity
- (e) Social pressure
- (f) Financial reasons

F00a: Wellbeing: How satisfied are you with your diet?

- Not satisfied at all
- Rather unsatisfied
- Neither
- Rather satisfied
- Very satisfied
- Don't know / no answer

F00b: To what extent do you agree with the following statements?

Scale:

- Do not agree at all
- Rather disagree
- Neither
- Rather agree
- Completely agree
- Don't know / no answer

Items: *Display in random order*

- (a) My diet is environmentally friendly and sustainable.
- (b) My diet is healthy.

F10: What problems do you see in reducing your meat consumption?

Scale:

- Does not apply at all
- Does rather not apply
- Neither
- Rather applies
- Fully applies
- Don't know / no answer

Items: *Display in random order*

- (a) I don't know what to eat/cook without meat.
- (b) My cooking skills are not good enough to cook a delicious meatless dish.
- (c) I don't have time to deal with a low-meat diet.
- (d) I often eat out and there are few or no vegetarian alternatives in the canteen, restaurant or the like.
- (e) It's too complicated for me to eat less meat.
- (f) I don't get full from a dish without meat.
- (g) Dishes with meat are part of my tradition.

- (h) My immediate environment would not accept it if I ate less meat.
- (i) I don't want to give up the taste of meat.
- (j) It is too expensive to give up meat.
- (k) I often choose products/dishes with meat out of habit or often prepare dishes with meat out of habit.
- (l) No answer.

F11: Please sort the following foods according to the CO2 emissions they cause.

Items: *Display in random order*

- 100g Beef
- 100g Pork
- 100g Chicken
- 100g Milk
- 100g Apples
- 100g Tomatoes
- 100g Tofu

PV. Psychological control variables

Questions displayed in random order

Now we would like to ask you a few questions about politics and your personality.

PK2: To what extent do you personally agree with the following statements?

Scale:

- Do not agree at all
- Rather disagree
- Neither
- Rather agree
- Completely agree
- Don't know / no answer

Items: *Display in random order*

- (1) It worries me when I think about the environmental conditions in which our children and grandchildren will probably have to live.
- (2) There are natural limits to growth that our industrialized world has long since reached or exceeded.
- (3) Environmental protection should be a priority for Germany, even if it impairs economic growth.

PK4: In the following section, we would like to ask you to indicate the extent to which you agree with the statements on a scale from 1 to 7.

Scale:

- Do not agree at all (1)
- Do not agree (2)
- Rather disagree (3)
- Neither (4)
- Rather agree (5)
- Agree (6)
- Completely agree (7)
- Don't know / no answer

Items: *Display in random order*

- (1) I have little control over the things that happen to me.
- (2) There is no solution at all to some of my problems.
- (3) There is little I can do to change the many important things in my life.
- (4) I often feel helpless in dealing with life's problems.
- (5) Sometimes I feel that I am being bossed around in life.
- (6) What happens to me in the future is largely up to me.
- (7) I can do everything I really set out to do.

PK5: The following statements may apply to you to a greater or lesser extent. For each statement, please indicate how much the statement applies to you.

Scale:

- Does not apply at all (1)
- Does rather not apply (2)
- Rather applies (3)
- Mainly applies (4)
- Fully applies (5)
- Don't know / no answer

Items: *Display in random order*

- (1) I always remain factual and objective in an argument.
- (2) When I talk to someone, I always listen attentively.
- (3) Even if I am stressed myself, I always treat others in a friendly and courteous manner.
- (4) It has happened before that I have taken advantage of someone.
- (5) I have thrown garbage into the countryside or onto the street.
- (6) Sometimes I only help someone if I can expect something in return.

SOE. Socioeconomic information

Finally, please answer a few questions about yourself. Your data will be treated with absolute confidentiality in accordance with data protection regulations.

SO1: What is your highest level of education?

Note: Please assign qualifications obtained abroad to an equivalent German qualification.

- No degree
- Graduation after a maximum of 7 years of school attendance (especially graduation abroad)

- Hauptschule/elementary school certificate
- Secondary school certificate (intermediate school leaving certificate), polytechnic secondary school certificate or equivalent qualification
- Entrance qualification for universities of applied sciences
- General or subject-specific higher education entrance qualification (Abitur)
- No answer

SO2: What is your highest professional training or (technical) college degree?

- No degree
- Apprenticeship or vocational internship of at least 12 months
- Vocational preparation year
- Apprenticeship, vocational training in the dual system
- Preparatory service for the intermediate civil service in public administration
- Vocational qualification from a vocational school/college, completion of a 1-year school in the healthcare sector
- 2- or 3-year school of health care (e.g. nursing, PTA, MTA)
- Technical college degree (master craftsman, technician or equivalent degree)
- Vocational academy, technical academy
- University of applied sciences for administration
- University of applied sciences degree, also engineering degree
- University, scientific college, art college
- Doctorate
- No answer

SO3: Which predominantly applies to you? Please select only one answer option.

- I am employed or working (incl. trainees, persons on parental leave or partial retirement)
- I am a pupil
- I am a student
- I am a pensioner or retiree

- I live from income from capital assets, renting or leasing
- I receive maintenance/allowances from my spouse, partner, parents, relatives or other persons - including persons from outside the household.
- I am a housewife/ husband or take care of children and/or persons in need of care.
- I receive unemployment benefit I
- I receive unemployment benefit II or social benefits (Hartz IV benefits)
- I receive social welfare or basic income support in old age or in case of reduced earning capacity
- None of the above options applies to me
- No answer

If SO3 = "I am employed or working [...]"

SO4: Employment is understood as any paid or income-generating activity, regardless of the amount of time it takes. Are you ...

- Employed full-time
- Employed part-time, at least 20 hours per week
- Employed part-time or on an hourly basis for less than 20 hours per week
- No answer

EXS05: What is your current professional position?

- Self-employed farmer or cooperative farmer
- Freelancer
- Self-employed (trade, craft, industry, services)
- Civil servant, judge, professional soldier
- Employee
- Worker
- Assisting family member
- Other

SO5: What is the total monthly net income of your household? This means the sum resulting from wages, salary, income from self-employment, pension or annuity, in each case after deduction of taxes and social security contributions. Please also include income from public assistance, income from renting, leasing, housing allowance, child benefit and other income.

- under 700 Euro
- 700 to under 1,200 Euro
- 1,200 to under 1,700 Euro
- 1,700 to under 2,200 Euro
- 2,200 to under 2,700 Euro
- 2,700 to under 3,200 Euro
- 3,200 to under 3,700 Euro
- 3,700 to under 4,200 Euro
- 4,200 to under 4,700 Euro
- 4,700 to under 5,200 Euro
- 5,200 to under 5,700 Euro
- 5,700 Euro and more
- No answer

SO6: In politics, people sometimes talk about "left" and "right". Where on the scale would you classify yourself if 0 stands for left and 10 for right?

- Scale: left (1) ... right (10)
- Don't know / no answer

SO7: In Germany, many people tend to vote for a particular political party for a long time, although they also vote for another party from time to time.

What about you? Do you - generally speaking - lean towards a particular party? And if so, which one?

- CDU/CSU
- SPD

- AfD
- FDP
- Die Linke
- Bündnis 90/Die Grünen
- another party
- no party
- Don't know / no answer

SO8: Are you a member of a group or organization that campaigns for the preservation and protection of the environment and nature?

- Yes
- No
- No answer

If Group A and Question F0a not "vegetarian", "pescetarian" or "vegan"

At the end of the questionnaire, we come back to the topic of **nutrition**.

As part of our research project, we would like to examine eating habits over time. In this context, we will be inviting you to take part in a total of **three short follow-up surveys** in the coming months. It is important for our study that as many people as possible take part in all the surveys. We would therefore be delighted if you would support our research project and take the time to take part in these follow-up surveys. The surveys will only include a few questions and will therefore not take much time.

If Group "Control group" (Experiment A)

Thank you in advance for your participation.

If Group "Information" (Experiment A)

As part of our project, we also compile information for a more **climate and environmentally friendly diet** in the form of various newsletters.

We are very interested in your **opinion on these newsletters** and would be happy to send them to you. We would be delighted if you would take the time to take a close

look at these newsletters and let us know your opinion in the follow-up surveys. In this context, we would send you a total of **8 e-mails** every two weeks.

You will receive the first newsletter as soon as our survey is completed, probably on Sunday, August 7, 2022. **Data protection is guaranteed** when the emails are sent. You also have the option of unsubscribing from these emails. (Info button: These e-mails are sent by forsa. Under each of these e-mails there will be a link with which you can stop receiving further e-mails).

Thank you in advance for your participation.

If Group "Support" (Experiment A)

As part of our project, we are also compiling recipes and tips for a **climate and environmentally friendly diet** in the form of a newsletter.

We are very interested in your **opinion on these newsletters** and would be happy to send them to you. We would be delighted if you would take the time to take a close look at these newsletters and let us know your opinion in the follow-up surveys. In this context, we would send you a total of **8 e-mails** every two weeks.

You will receive the first newsletter as soon as our survey is completed, probably on Sunday, August 7, 2022. **Data protection is guaranteed** when the emails are sent. You also have the option of unsubscribing from these emails. (Info button: These e-mails are sent by forsa. Under each of these e-mails there will be a link with which you can stop receiving further e-mails).

Thank you in advance for your participation.

If Group "Information + Support" (Experiment A)

As part of our project, we also compile information as well as recipes and tips for a **climate and environmentally friendly diet** in the form of a newsletter.

We are very interested in your **opinion on these newsletters** and would be happy to send them to you. We would be delighted if you would take the time to take a close look at these newsletters and let us know your opinion in the follow-up surveys. In this context, we would send you a total of **8 e-mails** every two weeks.

You will receive the first newsletter as soon as our survey is completed, probably on Sunday, August 7, 2022. **Data protection is guaranteed** when the emails are sent. You also have the option of unsubscribing from these emails. (Info button: These e-mails are sent by forsa. Under each of these e-mails there will be a link with which you can stop receiving further e-mails).

Thank you in advance for your participation.

If Group "Information", "Support", or "Information + Support" (Experiment A)

F12: Do you agree to receive our 8 newsletters?

- Yes
- No

SCHLUSSFRAGE: Finally, please let us know briefly whether you had difficulties answering the questions at any points in the questionnaire (e.g. because the question was incomprehensible) or other problems arose. Please describe this briefly if necessary.

Codebook

Socio Ecological Panel 2022

Jana Eßer, Manuel Frondel, Leander Holtz

18. August 2026

RWI —Leibniz Institute for Economic Research
Essen, Germany

1 Group and weight variables

Name of variable: pkey

Description: pkey: Personal key for identification in future waves

Missings and Encoding:

Not asked (-1): 0

Don't know/Not specified (-2): 0

Name of variable: lfdn

Description: lfdn: Serial number of interview

Missings and Encoding:

Not asked (-1): 0

Don't know/Not specified (-2): 0

Name of variable: compl

Description: compl: Interview status

Missings and Encoding:

Not asked (-1): 0

Don't know/Not specified (-2): 0

1 1 - Complete

4 4 - Interview is ongoing or has been interrupted/cancelled

Name of variable: GEWICHT1

Description: GEWICHT1: Population weighting factors (federal state, age, gender)

Missings and Encoding:

Not asked (-1): 0

Don't know/Not specified (-2): 0

Name of variable: GEWICHT2

Description: GEWICHT2: Online weighting factors (federal state, age, gender)

Missings and Encoding:

Not asked (-1): 0

Don't know/Not specified (-2): 0

Name of variable: SPLIT_G1**Description:** SPLIT_G1: Experiment Groups A and B**Missings and Encoding:**

Not asked (-1): 0

1 Experiment Group A

Don't know/Not specified (-2): 0

2 Experiment Group B

Name of variable: SPLIT_G2**Description:** SPLIT_G2: Groups Trade/Climate/Energy/Independence**Missings and Encoding:**

Not asked (-1): 0

1 Group no trade offs

Don't know/Not specified (-2): 0

2 Group Tradeoff: Higher energy costs

3 Group (Dis)advantages Climate

4 Group (Dis)advantages Independence

Name of variable: SPLIT_G3**Description:** SPLIT_G3: Groups Framing experiment city toll**Missings and Encoding:**

Not asked (-1): 0

1 Control group

Don't know/Not specified (-2): 0

2 Group Expansion

3 Group Advantages predominate

Name of variable: SPLIT_G4**Description:** SPLIT_G4: Carbon Price level**Missings and Encoding:**

Not asked (-1): 0

1 Group Carbon Price - 30 €

Don't know/Not specified (-2): 0

2 Group Carbon Price - 50 €

3 Group Carbon Price - 100 €

Name of variable: SPLIT_G5

Description: SPLIT_G5: Experiment Groups A

Missings and Encoding:

Not asked (-1): 3730	1 Control group
Don't know/Not specified (-2): 0	2 Information group
	3 Support group
	4 Information + support group

Name of variable: SPLIT_G6

Description: SPLIT_G6: Experiment Groups B

Missings and Encoding:

Not asked (-1): 3219	1 Group BSL
Don't know/Not specified (-2): 0	2 Group RU
	3 Group FREI
	4 Group FRNS
	5 Group COLCTL
	6 Group COLCR

2 A. General

Name of variable: A1

Description: Question A1: Number of people in household

Missings and Encoding:

Not asked (-1): 0	1 1 person
Don't know/Not specified (-2): 32	2 2 persons
	3 3 persons
	4 4 or more persons

Name of variable: A2

Description: Question A2: Children - regardless of age and place of residence

Missings and Encoding:

Not asked (-1): 0	1 Yes
Don't know/Not specified (-2): 14	2 No

Name of variable: A3**Description:** Question A3: Housing situation**Missings and Encoding:**

Not asked (-1): 0	1 Rent
Don't know/Not specified (-2): 12	2 Owned
	3 Free of charge

Name of variable: A4**Description:** Question A4: How many cars does your household have?**Missings and Encoding:**

Not asked (-1): 1	1 No car
Don't know/Not specified (-2): 3	2 1 car
	3 2 cars
	4 3 or more cars

Name of variable: A4A**Description:** Question A4A: Do you use the car for commuting (Work, University, day-care)?**Missings and Encoding:**

Not asked (-1): 645	1 Yes
Don't know/Not specified (-2): 32	2 No

Name of Variable: A4B**Description:** Question A4B: Number of commuting kilometers per week**Descriptives:**

Min.:	0.00	Max.:	2000.00
1. Qu.:	50.00	3. Qu.:	250.00
Mean:	182.16	Median:	120.00

Missings and Encoding:

Not asked (-1): 3506

Don't know/Not specified (-2): 77

3 K. Experiment B: Coal

Name of variable: ExpB1_w2**Description:** Question ExpB1_w2: Attitude towards large companies**Missings and Encoding:**

Not asked (-1): 3225

Don't know/Not specified (-2): 20

1 Very negative

2 Rather negative

3 Neutral

4 Rather positive

5 Very Positive

Name of variable: ExpB2_w2**Description:** Question ExpB2_w2: Attitude towards the market economy?**Missings and Encoding:**

Not asked (-1): 3226

Don't know/Not specified (-2): 28

1 Very negative

2 Rather negative

3 Neutral

4 Rather positive

5 Very Positive

Name of variable: ExpB3_w2**Description:** Question ExpB3_w2: Participated in climate protest/demonstration in last 5 years**Missings and Encoding:**

Not asked (-1): 3226

Don't know/Not specified (-2): 8

1 Yes, more than two times

2 Yes, once or twice

3 No

Name of variable: ExpB4_w2

Description: Question ExpB4_w2: Participation in demonstration against coal mining or power

Missings and Encoding:

Not asked (-1): 3228

Don't know/Not specified (-2): 6

1 Yes, more than two times

2 Yes, once or twice

3 No

Name of variable: klima1

Description: Question klima1: Do you think the global climate is changing or not?

Missings and Encoding:

Not asked (-1): 12

Don't know/Not specified (-2): 88

1 Yes, I believe that the global climate is changing.

2 No, I don't believe that the global climate is changing.

Name of variable: klima2

Description: Question klima 2: Is Climate change mainly caused by human or natural factors?

Missings and Encoding:

Not asked (-1): 584

Don't know/Not specified (-2): 27

1 Predominantly by humans

2 Predominantly by natural factors

3 By both to the same extent

Name of variable: ExpB6_w2

Description: Question ExpB6_w2: Do you believe that climate change is dangerous for mankind?

Missings and Encoding:

Not asked (-1): 585

Don't know/Not specified (-2): 17

1 No, certainly not

2 I am unsure, but rather no

3 I am unsure, but rather yes

4 Yes, I am sure

Name of variable: ExpB7_w2

Description: Question ExpB7_w2: Do you think climate policy is an important area of politics?

Missings and Encoding:

Not asked (-1): 15

Don't know/Not specified (-2): 36

1 No, it's not important

2 I am unsure, but rather no

3 I am unsure, but rather yes

4 Yes, it is important

Name of variable: ExpB8_w2

Description: Question ExpB8_w2: How much do you trust science?

Missings and Encoding:

Not asked (-1): 16

Don't know/Not specified (-2): 34

1 I don't trust it at all

2 I rather do not trust it

3 I trust it partially

4 I rather trust it

5 I trust it completely

Name of variable: PK1

Description: Question PK1: How much do you trust the German government?

Missings and Encoding:

Not asked (-1): 16

Don't know/Not specified (-2): 74

1 Not at all

2 A little

3 Quite

4 Very much

Name of variable: klima3_1

Description: Question klima3_1: Germany's most important problems: Economic situation

Missings and Encoding:

Not asked (-1): 20

Don't know/Not specified (-2): 0

0 Not applicable

1 Applicable

Name of variable: klima3_2

Description: Question klima3_2: Germany's most important problems: Migration

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_3

Description: Question klima3_3: Germany's most important problems: Health

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_4

Description: Question klima3_4: Germany's most important problems: Environment/climate change

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_5

Description: Question klima3_5: Germany's most important problems: Unemployment

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_6

Description: Question klima3_6: Germany's most important problems: Inflation/Cost of living

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_7

Description: Question klima3_7: Germany's most important problems: Terrorism

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_8

Description: Question klima3_8: Germany's most important problems: Crime

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_9

Description: Question klima3_9: Germany's most important problems: Pensions

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_10

Description: Question klima3_10: Germany's most important problems: Taxes

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_11

Description: Question klima3_11: Germany's most important problems: Energy supply

Missings and Encoding:

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_12**Description:** Question klima3_12: Germany's most important problems: International security**Missings and Encoding:**

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_14**Description:** Question klima3_14: Germany's most important problems: Others**Missings and Encoding:**

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: klima3_15**Description:** Question klima3_15: Germany's most important problems: Don't know / no answer**Missings and Encoding:**

Not asked (-1): 20	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: U1_1**Description:** Question U1_1: Agreement policy goal: Phasing out of nuclear energy**Missings and Encoding:**

Not asked (-1): 31	1 I strongly reject
Don't know/Not specified (-2): 61	2 I rather reject
	3 Neither
	4 I am in favor
	5 I am strongly in favor

Name of variable: U1__2

Description: Question U1__2: Agreement policy goal: Expansion of renewable energies

Missings and Encoding:

Not asked (-1): 31	1 I strongly reject
Don't know/Not specified (-2): 32	2 I rather reject
	3 Neither
	4 I am in favor
	5 I am strongly in favor

Name of variable: U1__3

Description: Question U1__3: Agreement policy goal: Phasing out coal

Missings and Encoding:

Not asked (-1): 31	1 I strongly reject
Don't know/Not specified (-2): 68	2 I rather reject
	3 Neither
	4 I am in favor
	5 I am strongly in favor

Name of variable: U1__4

Description: Question U1__4: Agreement policy goal: Expansion of supra-regional grids

Missings and Encoding:

Not asked (-1): 31	1 I strongly reject
Don't know/Not specified (-2): 223	2 I rather reject
	3 Neither
	4 I am in favor
	5 I am strongly in favor

Name of variable: C9

Description: Question C9: Esitmation of average CO2 emissions per person in Germany

Missings and Encoding:

Not asked (-1): 34

Don't know/Not specified (-2): 782

1 About 0.5 tons (500 kg) of CO2

2 About 2 tons (2,000 kg) of CO2

3 About 10 tons (10,000 kg) of CO2

4 About 34 tons (34,000 kg) of CO2

5 About 106 tons (106,000 kg) of CO2

Name of variable: ExpB_10_v1_w2**Description:** Question ExpB_10_v1_w2: Decision Emission rights or coal-fired power plant**Missings and Encoding:**

Not asked (-1): 4424

Don't know/Not specified (-2): 158

1 A: Measure 'Reduce emission rights in emissions trading'

2 B: Measure 'Reduce the production of a coal-fired power plant'

3 C: Measure 'Combination of A and B'

4 D: None of the Measure A-C: I would like no CO2 to be avoided

Name of variable: ExpB_10_v2_w2**Description:** Question ExpB_10_v2_w2: Decision Emission rights / coal-fired power plant (Info)**Missings and Encoding:**

Not asked (-1): 4052

Don't know/Not specified (-2): 225

1 A: Measure 'Reduce emission rights in emissions trading'

2 B: Measure 'Reduce the production of a coal-fired power plant'

3 C: Measure 'Combination of A and B'

4 D: None of the Measure A-C: I would like no CO2 to be avoided

Name of variable: ExpB_11_A_w2**Description:** Question ExpB_11_A_w2: Effectiveness ranking: A 'Emission rights trading'**Missings and Encoding:**

Not asked (-1): 3401

Don't know/Not specified (-2): 623

1 Rank 1

2 Rank 2

3 Rank 3

Name of variable: ExpB_11_B_w2

Description: Question ExpB_11_B_w2: Effectiveness ranking: B 'Coal-fired power plant'

Missings and Encoding:

Not asked (-1): 3404	1 Rank 1
Don't know/Not specified (-2): 623	2 Rank 2
	3 Rank 3

Name of variable: ExpB_11_C_w2

Description: Question ExpB_11_C_w2: Effectiveness ranking: C 'Combination of A and B'

Missings and Encoding:

Not asked (-1): 3405	1 Rank 1
Don't know/Not specified (-2): 623	2 Rank 2
	3 Rank 3

Name of variable: ExpB_12_A_w2

Description: Question ExpB_12_A_w2: Effectiveness ranking others: A 'Emission rights trading'

Missings and Encoding:

Not asked (-1): 5310	1 Rank 1
Don't know/Not specified (-2): 273	2 Rank 2
	3 Rank 3

Name of variable: ExpB_12_B_w2

Description: Question ExpB_12_B_w2: Effectiveness ranking others: B 'Coal-fired power plant'

Missings and Encoding:

Not asked (-1): 5310	1 Rank 1
Don't know/Not specified (-2): 273	2 Rank 2
	3 Rank 3

Name of variable: ExpB_12_C_w2

Description: Question ExpB_12_C_w2: Effectiveness ranking others: C 'Combination of A and B'

Missings and Encoding:

Not asked (-1): 5310	1 Rank 1
Don't know/Not specified (-2): 273	2 Rank 2
	3 Rank 3

Name of variable: ExpB_10_v3_w2

Description: Question ExpB_10_v3_w2: Decision Emission rights or coal power plant (EU-policy)

Missings and Encoding:

Not asked (-1): 6167	1 A: Measure 'Reduce emission rights in emissions trading'
Don't know/Not specified (-2): 44	2 B: Measure 'Reduce the production of a coal-fired power plant'
	3 C: Measure 'Combination of A and B'
	4 D: None of the Measure A-C: I would like no CO2 to be avoided

Name of variable: ExpB_10_v4_w2

Description: Question ExpB_10_v4_w2: Majority vote Emission rights or coal power plant

Missings and Encoding:

Not asked (-1): 5958	1 A: Measure 'Reduce emission rights in emissions trading'
Don't know/Not specified (-2): 76	2 B: Measure 'Reduce the production of a coal-fired power plant'
	3 C: Measure 'Combination of A and B'
	4 D: None of the Measure A-C: I would like no CO2 to be avoided

Name of variable: ExpB_10_v5_w2

Description: Question ExpB_10_v5_w2: Majority vote Emission rights or coal power plant (Info)

Missings and Encoding:

Not asked (-1): 5954

Don't know/Not specified (-2): 71

1 A: Measure 'Reduce emission rights in emissions trading'

2 B: Measure 'Reduce the production of a coal-fired power plant'

3 C: Measure 'Combination of A and B'

4 D: None of the Measure A-C: I would like no CO2 to be avoided

Name of variable: ExpB_13_A_w2**Description:** Question ExpB_13_A_w2: Pref. ranking financial impact: Emission rights**Missings and Encoding:**

Not asked (-1): 3510

Don't know/Not specified (-2): 656

1 Rank 1

2 Rank 2

3 Rank 3

Name of variable: ExpB_13_B_w2**Description:** Question ExpB_13_B_w2: Pref. ranking financial impact: coal-fired power plant**Missings and Encoding:**

Not asked (-1): 3509

Don't know/Not specified (-2): 656

1 Rank 1

2 Rank 2

3 Rank 3

Name of variable: ExpB_13_C_w2**Description:** Question ExpB_13_w2: Pref. ranking financial impact: Combination**Missings and Encoding:**

Not asked (-1): 3509

Don't know/Not specified (-2): 656

1 Rank 1

2 Rank 2

3 Rank 3

Name of variable: ExpB_14_w2**Description:** Question ExpB_14_w2: When making the decisions on clim. prot. measures were you

Missings and Encoding:

Not asked (-1): 3510

Don't know/Not specified (-2): 85

1 overwhelmed.

2 rather overwhelmed.

3 neither overwhelmed nor underchallenged.

4 rather underchallenged.

5 underchallenged.

Name of variable: ExpB_15_w2**Description:** Question ExpB_15_w2: When making the decisions on clim. prot. measures were you**Missings and Encoding:**

Not asked (-1): 3510

Don't know/Not specified (-2): 149

1 enthusiastic.

2 rather enthusiastic.

3 neither enthusiastic nor bored.

4 rather bored.

5 bored.

Name of variable: ExpB_16_w2**Description:** Question ExpB_16_w2: Decisions on climate prot. should be made by politicians**Missings and Encoding:**

Not asked (-1): 3511

Don't know/Not specified (-2): 59

1 Do not agree

2 Rather disagree

3 Neutral

4 Rather agree

5 Agree

4 E. Energy**Name of variable: E1****Description:** Question E1: How is your apartment or house mainly heated?**Missings and Encoding:**

Not asked (-1): 309

Don't know/Not specified (-2): 102

1 Natural gas

2 Heating oil

3 District heating

4 Electricity (night storage heating)

5 Heat pump

6 Other (e.g. wood, coal, liquid gas)

Name of variable: E2

Description: Question E2: Purchase electricity from a green provider or electricity tariff

Missings and Encoding:

Not asked (-1): 311	1 Yes, a green electricity provider
Don't know/Not specified (-2): 376	2 Yes, a green electricity tariff
	3 No, neither of the two

Name of variable: E3

Description: Question E3: Giving up on things in everyday life due to rising energy costs

Missings and Encoding:

Not asked (-1): 312	1 No
Don't know/Not specified (-2): 66	2 Yes, occasionally
	3 Yes, regularly

Name of variable: E4_1

Description: Question E4_1: Particularly burdensome energy costs: heating costs

Missings and Encoding:

Not asked (-1): 2578	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: E4_2

Description: Question E4_2: Particularly burdensome energy costs: electricity costs

Missings and Encoding:

Not asked (-1): 2578	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: E4_3

Description: Question E4_3: Particularly burdensome energy costs: fuel costs

Missings and Encoding:

Not asked (-1): 2578	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: E4_4

Description: Question E4_4: Particularly burdensome energy costs: Don't know / no answer

Missings and Encoding:

Not asked (-1): 2578	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: E5_1

Description: Question E5_1: Worried about rising energy costs: Heating costs

Missings and Encoding:

Not asked (-1): 316	1 Not at all worried
Don't know/Not specified (-2): 13	2 Rather not worried
	3 Neither worried nor not worried
	4 Rather worried
	5 Very worried

Name of variable: E5_2

Description: Question E5_2: Worried about rising energy costs: Electricity costs

Missings and Encoding:

Not asked (-1): 316	1 Not at all worried
Don't know/Not specified (-2): 16	2 Rather not worried
	3 Neither worried nor not worried
	4 Rather worried
	5 Very worried

Name of variable: E5_3

Description: Question E5_3: Worried about rising energy costs: Fuel costs

Missings and Encoding:

Not asked (-1): 316

Don't know/Not specified (-2): 109

1 Not at all worried

2 Rather not worried

3 Neither worried nor not worried

4 Rather worried

5 Very worried

Name of variable: E6a**Description:** Question E6a: Worried about sufficient energy supply in Germany**Missings and Encoding:**

Not asked (-1): 316

Don't know/Not specified (-2): 30

1 Not at all worried

2 Rather not worried

3 Neither worried nor not worried

4 Rather worried

5 Very worried

Name of variable: E6b**Description:** Question E6b: Importance of energy independence for Germany**Missings and Encoding:**

Not asked (-1): 319

Don't know/Not specified (-2): 51

1 Not at all important

2 Rather not important

3 Neither

4 Rather important

5 Very important

Name of variable: E7_1**Description:** Question E7_1: Measures Energy supply: Import stop Russian gas, oil, and coal**Missings and Encoding:**

Not asked (-1): 331

Don't know/Not specified (-2): 146

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E7_2**Description:** Question E7_2: Measures Energy supply: Recruitment of Qatar as energy supplier

Missings and Encoding:

Not asked (-1): 331	1 No
Don't know/Not specified (-2): 315	2 Rather no
	3 Neither
	4 Rather yes
	5 Yes

Name of variable: E7_3

Description: Question E7_3: Measures Energy supply: Construction of LNG terminals

Missings and Encoding:

Not asked (-1): 331	1 No
Don't know/Not specified (-2): 257	2 Rather no
	3 Neither
	4 Rather yes
	5 Yes

Name of variable: E7_4

Description: Question E7_4: Measures Energy supply: Full supply with renewable energy by 2035

Missings and Encoding:

Not asked (-1): 331	1 No
Don't know/Not specified (-2): 127	2 Rather no
	3 Neither
	4 Rather yes
	5 Yes

Name of variable: E7_5

Description: Question E7_5: Measures Energy supply: Postponement of the nuclear phase-out

Missings and Encoding:

Not asked (-1): 331	1 No
Don't know/Not specified (-2): 93	2 Rather no
	3 Neither
	4 Rather yes
	5 Yes

Name of variable: E7_6

Description: Question E7_6: Measures Energy supply: Postponement of the coal phase-out

Missings and Encoding:

Not asked (-1): 331

Don't know/Not specified (-2): 92

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E7_7**Description:** Question E7_7: Measures Energy supply: Import of green hydrogen**Missings and Encoding:**

Not asked (-1): 331

Don't know/Not specified (-2): 325

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_1_1**Description:** Question E8_1_1: Support relief: Reduction in energy tax for three months**Missings and Encoding:**

Not asked (-1): 345

Don't know/Not specified (-2): 96

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_1_2**Description:** Question E8_1_2: Support relief: One-time energy allowance of 300 Euro**Missings and Encoding:**

Not asked (-1): 344

Don't know/Not specified (-2): 120

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_1_3**Description:** Question E8_1_3: Support relief: Discounted tickets public transport (9 Euro)

Missings and Encoding:

Not asked (-1): 344

Don't know/Not specified (-2): 67

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_1_4**Description:** Question E8_1_4: Support relief: One-time payment for families per child**Missings and Encoding:**

Not asked (-1): 344

Don't know/Not specified (-2): 121

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_1_5**Description:** Question E8_1_5: Support relief: One-time payment for social benefit recipients**Missings and Encoding:**

Not asked (-1): 344

Don't know/Not specified (-2): 119

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_1_6**Description:** Question E8_1_6: Support relief: Increase distance allowance for commuters**Missings and Encoding:**

Not asked (-1): 344

Don't know/Not specified (-2): 169

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_1_7**Description:** Question E8_1_7: Support relief: Abolition of the EEG levy

Missings and Encoding:

Not asked (-1): 344

Don't know/Not specified (-2): 169

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_1_8**Description:** Question E8_1_8: Support relief: One-time heating cost subsidy**Missings and Encoding:**

Not asked (-1): 344

Don't know/Not specified (-2): 104

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: E8_2_1**Description:** Question E8_2_1: Fairness relief: Reduction in energy tax for three months**Missings and Encoding:**

Not asked (-1): 357

Don't know/Not specified (-2): 144

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: E8_2_2**Description:** Question E8_2_2: Fairness relief: One-time energy allowance of 300 Euro**Missings and Encoding:**

Not asked (-1): 357

Don't know/Not specified (-2): 140

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: E8_2_3**Description:** Question E8_2_3: Fairness relief: Discounted tickets public transport (9 Euro)

Missings and Encoding:

Not asked (-1): 357	1 Very unfair
Don't know/Not specified (-2): 116	2 Rather unfair
	3 Neither
	4 Rather fair
	5 Very fair

Name of variable: E8_2_4**Description:** Question E8_2_4: Fairness relief: One-time payment for families per child**Missings and Encoding:**

Not asked (-1): 357	1 Very unfair
Don't know/Not specified (-2): 116	2 Rather unfair
	3 Neither
	4 Rather fair
	5 Very fair

Name of variable: E8_2_5**Description:** Question E8_2_5: Fairness relief: One-time payment for social benefit recipients**Missings and Encoding:**

Not asked (-1): 357	1 Very unfair
Don't know/Not specified (-2): 115	2 Rather unfair
	3 Neither
	4 Rather fair
	5 Very fair

Name of variable: E8_2_6**Description:** Question E8_2_6: Fairness relief: Increase of distance allowance for commuters**Missings and Encoding:**

Not asked (-1): 357	1 Very unfair
Don't know/Not specified (-2): 164	2 Rather unfair
	3 Neither
	4 Rather fair
	5 Very fair

Name of variable: E8_2_7**Description:** Question E8_2_7: Fairness relief: Abolition of the EEG levy

Missings and Encoding:

Not asked (-1): 357

Don't know/Not specified (-2): 225

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: E8_2_8**Description:** Question E8_2_8: Fairness relief: One-time heating cost subsidy**Missings and Encoding:**

Not asked (-1): 357

Don't know/Not specified (-2): 117

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

5 U. Implementation of the energy transition

Name of variable: U10a_1**Description:** Question U10a_1: Support of energy transition**Missings and Encoding:**

Not asked (-1): 5030

Don't know/Not specified (-2): 14

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U10a_2**Description:** Question U10a_2: Fairness or unfairness do you think the energy transition is?**Missings and Encoding:**

Not asked (-1): 5030

Don't know/Not specified (-2): 45

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U10b_1

Description: Question U10b_1: Support energy trans. despite rising energy costs (cost info)

Missings and Encoding:

Not asked (-1): 5021

Don't know/Not specified (-2): 27

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U10b_2

Description: Question U10b_2: Fairness or unfairness of the energy transition (cost info)

Missings and Encoding:

Not asked (-1): 5021

Don't know/Not specified (-2): 42

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U10c_1

Description: Question U10c_1: Support of energy transition (Pro/Contra)

Missings and Encoding:

Not asked (-1): 5032

Don't know/Not specified (-2): 13

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U10c_2

Description: Question U10c_2: Fairness or unfairness of the energy transition (Pro/Contra)

Missings and Encoding:

Not asked (-1): 5032

Don't know/Not specified (-2): 44

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U10d_1**Description:** Question U10d_1: Support of energy transition (Independence)**Missings and Encoding:**

Not asked (-1): 5033

Don't know/Not specified (-2): 14

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U10d_2**Description:** Question U10d_2: Fairness or unfairness of the energy transition (Independence)**Missings and Encoding:**

Not asked (-1): 5033

Don't know/Not specified (-2): 53

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U11_1_1**Description:** Question U11_1_1: Support city center: City toll**Missings and Encoding:**

Not asked (-1): 375

Don't know/Not specified (-2): 79

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U11_1_2**Description:** Question U11_1_2: Support city center: Ban on high-polluting cars

Missings and Encoding:

Not asked (-1): 375	1 No
Don't know/Not specified (-2): 60	2 Rather no
	3 Neither
	4 Rather yes
	5 Yes

Name of variable: U11_2_1**Description:** Question U11_2_1: Fairness city center: City toll**Missings and Encoding:**

Not asked (-1): 375	1 Very unfair
Don't know/Not specified (-2): 98	2 Rather unfair
	3 Neither
	4 Rather fair
	5 Very fair

Name of variable: U11_2_2**Description:** Question U11_2_2: Fairness city center: Ban on high-polluting cars**Missings and Encoding:**

Not asked (-1): 375	1 Very unfair
Don't know/Not specified (-2): 83	2 Rather unfair
	3 Neither
	4 Rather fair
	5 Very fair

Name of variable: U12_1_1**Description:** Question U12_1_1: Support traffic: Car toll (outside the city center)**Missings and Encoding:**

Not asked (-1): 380	1 No
Don't know/Not specified (-2): 74	2 Rather no
	3 Neither
	4 Rather yes
	5 Yes

Name of variable: U12_1_2**Description:** Question U12_1_2: Support traffic: Ban high-polluting cars excl. city centers

Missings and Encoding:

Not asked (-1): 380

Don't know/Not specified (-2): 69

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U12_1_3**Description:** Question U12_1_3: Support traffic: Ban registration petrol/diesel 2030**Missings and Encoding:**

Not asked (-1): 380

Don't know/Not specified (-2): 107

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U12_1_4**Description:** Question U12_1_4: Support traffic: Annual increase in gov. fuel levies**Missings and Encoding:**

Not asked (-1): 380

Don't know/Not specified (-2): 161

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U12_1_5**Description:** Question U12_1_5: Support traffic: Speed limit of 130 km/h on highways**Missings and Encoding:**

Not asked (-1): 380

Don't know/Not specified (-2): 36

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U12_1_6**Description:** Question U12_1_6: Support traffic: More space bike/walk, less space cars

Missings and Encoding:

Not asked (-1): 380

Don't know/Not specified (-2): 43

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U12_2_1**Description:** Question U12_2_1: Fairness traffic: Car toll (outside the city center)**Missings and Encoding:**

Not asked (-1): 386

Don't know/Not specified (-2): 100

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U12_2_2**Description:** Question U12_2_2: Fairness traffic: Ban high-polluting cars excl. city centers**Missings and Encoding:**

Not asked (-1): 386

Don't know/Not specified (-2): 104

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U12_2_3**Description:** Question U12_2_3: Fairness traffic: Ban registration petrol/diesel 2030**Missings and Encoding:**

Not asked (-1): 386

Don't know/Not specified (-2): 142

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U12_2_4**Description:** Question U12_2_4: Fairness traffic: Annual increase in gov. fuel levies

Missings and Encoding:

Not asked (-1): 386

Don't know/Not specified (-2): 175

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U12_2_5**Description:** Question U12_2_5: Fairness traffic: Speed limit of 130 km/h on highways**Missings and Encoding:**

Not asked (-1): 386

Don't know/Not specified (-2): 80

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U12_2_6**Description:** Question U12_2_6: Fairness traffic: More space bike/walk, less space cars**Missings and Encoding:**

Not asked (-1): 386

Don't know/Not specified (-2): 75

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U13_1_1**Description:** Question U13_1_1: Support Heating sector: Support altern. energy technologies**Missings and Encoding:**

Not asked (-1): 390

Don't know/Not specified (-2): 67

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U13_1_2**Description:** Question U13_1_2: Support Heating sector: Ban installations based on natural gas

Missings and Encoding:

Not asked (-1): 390

Don't know/Not specified (-2): 200

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U13_1_3**Description:** Question U13_1_3: Support Heating sector: Tax incentive building modernization**Missings and Encoding:**

Not asked (-1): 390

Don't know/Not specified (-2): 204

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U13_1_4**Description:** Question U13_1_4: Support Heating sector: Ban installations of oil-only systems**Missings and Encoding:**

Not asked (-1): 390

Don't know/Not specified (-2): 168

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U13_1_5**Description:** Question U13_1_5: Support Heating sector: Stricter laws efficiency new buildings**Missings and Encoding:**

Not asked (-1): 390

Don't know/Not specified (-2): 80

1 No

2 Rather no

3 Neither

4 Rather yes

5 Yes

Name of variable: U13__2__1

Description: Question U13__2__1: Fairness Heating sector: Support altern. energy technologies

Missings and Encoding:

Not asked (-1): 401

Don't know/Not specified (-2): 130

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U13__2__2

Description: Question U13__2__2: Fairness Heating sector: Ban installations based on natural gas

Missings and Encoding:

Not asked (-1): 401

Don't know/Not specified (-2): 207

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U13__2__3

Description: Question U13__2__3: Fairness Heating sector: Tax incentive building modernization

Missings and Encoding:

Not asked (-1): 401

Don't know/Not specified (-2): 230

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U13__2__4

Description: Question U13__2__4: Fairness Heating sector: Ban installations of oil-only systems

Missings and Encoding:

Not asked (-1): 401

Don't know/Not specified (-2): 204

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

Name of variable: U13_2_5**Description:** Question U13_2_5: Fairness Heating sector: Stricter laws efficiency new building**Missings and Encoding:**

Not asked (-1): 401

Don't know/Not specified (-2): 140

1 Very unfair

2 Rather unfair

3 Neither

4 Rather fair

5 Very fair

6 C. Carbon price**Name of variable: C3****Description:** Question C3: How well informed do you feel about the German CO2 price?**Missings and Encoding:**

Not asked (-1): 403

Don't know/Not specified (-2): 79

1 Not informed at all

2 Rather poorly informed

3 Neither

4 Rather well informed

5 Very well informed

Name of variable: C4_1**Description:** Question C4_1: CO2 price knowledge: Carbon emit. activities get more expensive**Missings and Encoding:**

Not asked (-1): 415

Don't know/Not specified (-2): 0

0 Not applicable

1 Applicable

Name of variable: C4_2

Description: Question C4_2: CO2 price knowledge: Aim of the CO2 price to protect the climate.

Missings and Encoding:

Not asked (-1): 415	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C4_3

Description: Question C4_3: CO2 price knowledge: Aim of CO2 pricing - solving env. problems

Missings and Encoding:

Not asked (-1): 415	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C4_4

Description: Question C4_4: CO2 price knowledge: Carbon price makes driving more expensive

Missings and Encoding:

Not asked (-1): 415	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C4_5

Description: Question C4_5: CO2 price knowledge: Aim of the carbon price - less congestion

Missings and Encoding:

Not asked (-1): 415	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C4_6

Description: Question C4_6: CO2 price knowledge: Aim of the carbon price are tax revenues

Missings and Encoding:

Not asked (-1): 415	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C4_7

Description: Question C4_7: CO2 price knowledge: Carbon price only affects companies

Missings and Encoding:

Not asked (-1): 415	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C4_8

Description: Question C4_8: CO2 price knowledge: Carbon pricing means yourself pay for CO2

Missings and Encoding:

Not asked (-1): 415	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C4_9

Description: Question C4_9: CO2 price knowledge: Don't know / not specified

Missings and Encoding:

Not asked (-1): 415	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_1

Description: Question C5_1: Are Heating oil, natural/liquid gas subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_2

Description: Question C5_2: Is electricity subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_3

Description: Question C5_3: Are plastic bags and packaging subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_4

Description: Question C5_4: Are milk, cheese, fish and meat subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_5

Description: Question C5_5: Are gasoline, diesel and LPG subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_6

Description: Question C5_6: Is kerosene subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_7

Description: Question C5_7: Is firewood subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_8

Description: Question C5_8: Are fruits and vegetables subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_9

Description: Question C5_9: Are products containing a lot of sugar subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_10

Description: Question C5_10: Are clothing and shoes subject to carbon pricing?

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C5_11

Description: Question C5_11: Subject to carbon pricing? Don't know / not specified

Missings and Encoding:

Not asked (-1): 416	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C6

Description: Question C6: Price increase of gasolie and diesel due to carbon pricing

Missings and Encoding:

Not asked (-1): 419

Don't know/Not specified (-2): 657

1 8 cents/liter petrol, 9 cents/liter diesel

2 1 cents/liter petrol, 2 cents/liter diesel

3 20 cent/liter petrol, 25 cents/liter diesel

4 13 cents/liter petrol, 17 cents/liter diesel

Name of Variable: C7**Description:** Question C7: Increase in weekly fuel costs for communiting due to carbon pricing**Descriptives:**

Min.: 0.00 Max.: 99999.00

1. Qu.: 4.00 3. Qu.: 25.00

Mean: 126.24 Median: 10.00

Missings and Encoding:

Not asked (-1): 3782

Don't know/Not specified (-2): 737

Name of variable: C8**Description:** Question C8: Estimation CO2 emission: 15.000 km of 7/1 per 100km (petrol/diesel)**Missings and Encoding:**

Not asked (-1): 427

Don't know/Not specified (-2): 1065

1 About 0.1 tons (100 kg) of CO2

2 About 0.5 tons (500 kg) of CO2

3 About 2.5 tons (2,500 kg) of CO2

4 About 5.0 tons (5,000 kg) of CO2

Name of variable: C10_1**Description:** Question C10_1: Reduce carbon emissions: Switch to green electricity**Missings and Encoding:**

Not asked (-1): 429

Don't know/Not specified (-2): 0

0 Not applicable

1 Applicable

Name of variable: C10_2**Description:** Question C10_2: Reduce carbon emissions: Drive less by car

Missings and Encoding:

Not asked (-1): 429	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C10__3

Description: Question C10__3: Reduce carbon emissions: Use air conditioning nutzen

Missings and Encoding:

Not asked (-1): 429	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C10__4

Description: Question C10__4: Reduce carbon emissions: Charge smartphone to 60 percent

Missings and Encoding:

Not asked (-1): 429	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C10__5

Description: Question C10__5: Reduce carbon emissions: Buy regional food

Missings and Encoding:

Not asked (-1): 429	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C10__6

Description: Question C10__6: Reduce carbon emissions: Buy fewer dairy products

Missings and Encoding:

Not asked (-1): 429	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C10__7

Description: Question C10__1: Reduce carbon emissions: Don't know / No Answer

Missings and Encoding:

Not asked (-1): 429	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: C1a_1

Description: Question C1a_1: Do you support CO2 pricing of 30 euros/t of CO2

Missings and Encoding:

Not asked (-1): 6117	1 Yes
Don't know/Not specified (-2): 38	2 No

Name of variable: C1b_1

Description: Question C1b_1: Agreement to an increase in the carbon price to 50 €/t CO2?

Missings and Encoding:

Not asked (-1): 3760	1 Yes
Don't know/Not specified (-2): 297	2 No

Name of variable: C1b_2

Description: Question C1b_2: Agreement to an increase in the carbon price to 100 €/t CO2?

Missings and Encoding:

Not asked (-1): 3728	1 Yes
Don't know/Not specified (-2): 307	2 No

Name of variable: C2_1

Description: Question C2_1: Agreement revenue usage: Expansion green energy and traffic

Missings and Encoding:

Not asked (-1): 453	1 Do not agree at all
Don't know/Not specified (-2): 140	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: C2_2

Description: Question C2_2: Agreement revenue usage: Annual repayment to all citizens

Missings and Encoding:

Not asked (-1): 453	1 Do not agree at all
Don't know/Not specified (-2): 262	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: C2_3

Description: Question C2_3: Agreement revenue usage: Support low-income households

Missings and Encoding:

Not asked (-1): 453	1 Do not agree at all
Don't know/Not specified (-2): 198	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

7 F. Experiment A: Meat consumption

Name of variable: F0a

Description: Question F0a: Which diet generally applies to you?

Missings and Encoding:

Not asked (-1): 3468	1 everything, both plant and animal products
Don't know/Not specified (-2): 6	2 rarely meat/flexitarian
	3 vegetarian (neither meat nor fish or products made from them)
	4 pescetarian (no meat products, but fish)
	5 vegan (no animal products)
	6 Other, namely...

Name of variable: F0b

Description: Question F0b: Did you eat differently than normally in the past four weeks?

Missings and Encoding:

Not asked (-1): 3616 1 No
Don't know/Not specified (-2): 13 2 Yes, namely...

Name of Variable: F1_freq

Description: Question F1_freq: Number of meals containing meat in the last week

Descriptives:

Min.:	0.00	Max.:	100.00
1. Qu.:	3.00	3. Qu.:	10.00
Mean:	7.05	Median:	5.00

Missings and Encoding:

Not asked (-1): 3619
Don't know/Not specified (-2): 107

Name of Variable: F1_1_1

Description: Question F1_1_1: Number of units Category 1 (i.e. Cold cuts) (Day)

Descriptives:

Min.:	0.10	Max.:	25.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	1.80	Median:	1.00

Missings and Encoding:

Not asked (-1): 3675
Don't know/not specified (-2): 192
Did not eat (-3): 491
Different time frame (-4): 1507

Name of Variable: F1_1_2

Description: Question F1_1_2: Number of units Category 2 (i.e. Bratwurst) (Day)

Descriptives:

Min.:	0.10	Max.:	3.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.06	Median:	1.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 169

Did not eat (-3): 797

Different time frame (-4): 1859

Name of Variable: F1_1_3

Description: Question F1_1_3: Number of units Category 3 (i.e. Schnitzel) (Day)

Descriptives:

Min.: 0.10 Max.: 2.00

1. Qu.: 1.00 3. Qu.: 1.00

Mean: 0.98 Median: 1.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 167

Did not eat (-3): 677

Different time frame (-4): 1996

Name of Variable: F1_1_4

Description: Question F1_1_4: Number of units Category 4 (i.e. Poultry) (Day)

Descriptives:

Min.: 0.10 Max.: 3.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 1.17 Median: 1.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 170

Did not eat (-3): 616

Different time frame (-4): 2070

Name of Variable: F1_1_5

Description: Question F1_1_5: Number of units Category 5 (i.e. Kebab) (Day)

Descriptives:

Min.: 0.05 Max.: 2.00

1. Qu.: 0.75 3. Qu.: 1.00

Mean: 0.92 Median: 1.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 146

Did not eat (-3): 1418

Different time frame (-4): 1325

Name of Variable: F1_1_6

Description: Question F1_1_6: Number of units Category 6 (i.e. Pizza) (Day)

Descriptives:

Min.: 0.05 Max.: 5.00

1. Qu.: 1.00 3. Qu.: 1.00

Mean: 1.16 Median: 1.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 163

Did not eat (-3): 1159

Different time frame (-4): 1565

Name of Variable: F1_1_7

Description: Question F1_1_7: Number of units Category 7 (i.e. Salad with meat) (Day)

Descriptives:

Min.: 0.10 Max.: 10.00

1. Qu.: 1.00 3. Qu.: 1.00

Mean: 1.47 Median: 1.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 185

Did not eat (-3): 575

Different time frame (-4): 2068

Name of Variable: F1_1_8

Description: Question F1_1_8: Number of units Category 8 (i.e. Snacks with meat) (Day)

Descriptives:

Min.: 0.01 Max.: 3.00

1. Qu.: 1.00 3. Qu.: 1.00

Mean: 1.11 Median: 1.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 162

Did not eat (-3): 1807

Different time frame (-4): 896

Name of Variable: F1_1_9

Description: Question F1_1_9: Number of units Category 9 (i.e. Fish) (Day)

Descriptives:

Min.: 0.10 Max.: 3.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 1.25 Median: 1.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 157

Did not eat (-3): 577

Different time frame (-4): 2139

Name of Variable: F1_2_1

Description: Question F1_2_1: Number of units Category 1 (i.e. Cold cuts) (Week)

Descriptives:

Min.: 0.25 Max.: 52.00

1. Qu.: 2.00 3. Qu.: 5.00

Mean: 4.30 Median: 3.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 192

Did not eat (-3): 491

Different time frame (-4): 1136

Name of Variable: F1_2_2

Description: Question F1_2_2: Number of units Category 2 (i.e. Bratwurst) (Week)

Descriptives:

Min.: 0.20 Max.: 25.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 1.84 Median: 1.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 169

Did not eat (-3): 797

Different time frame (-4): 931

Name of Variable: F1_2_3

Description: Question F1_2_3: Number of units Category 3 (i.e. Schnitzel) (Week)

Descriptives:

Min.: 0.20 Max.: 50.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 1.99 Median: 2.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 167

Did not eat (-3): 677

Different time frame (-4): 918

Name of Variable: F1_2_4

Description: Question F1_2_4: Number of units Category 4 (i.e. Poultry) (Week)

Descriptives:

Min.: 0.10 Max.: 10.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 1.90 Median: 2.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 170

Did not eat (-3): 616

Different time frame (-4): 947

Name of Variable: F1_2_5

Description: Question F1_2_5: Number of units Category 5 (i.e. Kebab) (Week)

Descriptives:

Min.: 0.25 Max.: 30.00

1. Qu.: 1.00 3. Qu.: 1.25

Mean: 1.40 Median: 1.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 146

Did not eat (-3): 1418

Different time frame (-4): 865

Name of Variable: F1_2_6

Description: Question F1_2_6: Number of units Category 6 (i.e. Pizza) (Week)

Descriptives:

Min.: 0.10 Max.: 25.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 1.40 Median: 1.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 163

Did not eat (-3): 1159

Different time frame (-4): 1007

Name of Variable: F1_2_7

Description: Question F1_2_7: Number of units Category 7 (i.e. Salad with meat) (Week)

Descriptives:

Min.: 0.25 Max.: 22.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 2.63 Median: 2.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 185

Did not eat (-3): 575

Different time frame (-4): 996

Name of Variable: F1_2_8

Description: Question F1_2_8: Number of units Category 8 (i.e. Snacks with meat) (Week)

Descriptives:

Min.: 0.25 Max.: 25.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 2.33 Median: 2.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 162

Did not eat (-3): 1807

Different time frame (-4): 473

Name of Variable: F1_2_9

Description: Question F1_2_9: Number of units Category 9 (i.e. Fish) (Week)

Descriptives:

Min.: 0.12 Max.: 50.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 1.80 Median: 1.00

Missings and Encoding:

Not asked (-1): 3676

Don't know/not specified (-2): 157

Did not eat (-3): 577

Different time frame (-4): 1115

Name of Variable: F1_3_1

Description: Question F1_3_1: Number of units Category 1 (i.e. Cold cuts) (Month)

Descriptives:

Min.: 0.25 Max.: 60.00

1. Qu.: 3.00 3. Qu.: 20.00

Mean: 12.02 Median: 8.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 192

Did not eat (-3): 491

Different time frame (-4): 1809

Name of Variable: F1_3_2

Description: Question F1_3_2: Number of units Category 2 (i.e. Bratwurst) (Month)

Descriptives:

Min.: 0.25 Max.: 28.00

1. Qu.: 1.00 3. Qu.: 4.00

Mean: 3.08 Median: 2.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 169

Did not eat (-3): 797

Different time frame (-4): 1094

Name of Variable: F1_3_3

Description: Question F1_3_3: Number of units Category 3 (i.e. Schnitzel) (Month)

Descriptives:

Min.: 0.25 Max.: 25.00

1. Qu.: 2.00 3. Qu.: 5.00

Mean: 3.72 Median: 3.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 167

Did not eat (-3): 677

Different time frame (-4): 1214

Name of Variable: F1_3_4

Description: Question F1_3_4: Number of units Category 4 (i.e. Poultry) (Month)

Descriptives:

Min.: 0.25 Max.: 60.00

1. Qu.: 1.00 3. Qu.: 4.00

Mean: 3.57 Median: 2.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 170

Did not eat (-3): 616

Different time frame (-4): 1229

Name of Variable: F1_3_5

Description: Question F1_3_5: Number of units Category 5 (i.e. Kebab) (Month)

Descriptives:

Min.: 0.10 Max.: 25.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 2.05 Median: 2.00

Missings and Encoding:

Not asked (-1): 3674

Don't know/not specified (-2): 146

Did not eat (-3): 1418

Different time frame (-4): 500

Name of Variable: F1_3_6

Description: Question F1_3_6: Number of units Category 6 (i.e. Pizza) (Month)

Descriptives:

Min.: 0.10 Max.: 15.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 2.21 Median: 2.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 163

Did not eat (-3): 1159

Different time frame (-4): 600

Name of Variable: F1_3_7

Description: Question F1_3_7: Number of units Category 7 (i.e. Salad with meat) (Month)

Descriptives:

Min.: 0.50 Max.: 30.00

1. Qu.: 2.00 3. Qu.: 6.00

Mean: 4.99 Median: 3.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 185

Did not eat (-3): 575

Different time frame (-4): 1234

Name of Variable: F1_3_8

Description: Question F1_3_8: Number of units Category 8 (i.e. Snacks with meat) (Month)

Descriptives:

Min.: 0.50 Max.: 30.00

1. Qu.: 1.00 3. Qu.: 4.00

Mean: 3.64 Median: 2.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 162

Did not eat (-3): 1807

Different time frame (-4): 509

Name of Variable: F1_3_9

Description: Question F1_3_9: Number of units Category 9 (i.e. Fish) (Month)

Descriptives:

Min.: 0.20 Max.: 28.00

1. Qu.: 2.00 3. Qu.: 5.00

Mean: 3.90 Median: 3.00

Missings and Encoding:

Not asked (-1): 3675

Don't know/not specified (-2): 157

Did not eat (-3): 577

Different time frame (-4): 1094

Name of Variable: F2a_1

Description: Question F2a_1: Number of meals in working week (w/o breakfast and snacks)

Descriptives:

Min.: 0.00 Max.: 15.00

1. Qu.: 5.00 3. Qu.: 10.00

Mean: 7.56 Median: 8.00

Missings and Encoding:

Not asked (-1): 3688

Don't know/Not specified (-2): 103

Name of Variable: F2a_2

Description: Question F2a_2: Number of meals on the weekend (w/o breakfast and snacks)

Descriptives:

Min.: 0.00 Max.: 15.00

1. Qu.: 2.00 3. Qu.: 4.00

Mean: 3.23 Median: 3.00

Missings and Encoding:

Not asked (-1): 3689

Don't know/Not specified (-2): 92

Name of Variable: F2b_1_1**Description:** Question F2b_1_1: Number of meals in working week: home-cooked meals**Descriptives:**

Min.: 0.00 Max.: 87.00

1. Qu.: 3.00 3. Qu.: 8.00

Mean: 5.87 Median: 5.00

Missings and Encoding:

Not asked (-1): 3792

Don't know/Not specified (-2): 72

Name of Variable: F2b_1_2**Description:** Question F2b_1_2: Number of meals in working week: ready meals**Descriptives:**

Min.: 0.00 Max.: 15.00

1. Qu.: 0.00 3. Qu.: 1.00

Mean: 0.78 Median: 0.00

Missings and Encoding:

Not asked (-1): 3792

Don't know/Not specified (-2): 72

Name of Variable: F2b_1_3**Description:** Question F2b_1_3: Number of meals in working week: meals in restaurant/canteen**Descriptives:**

Min.: 0.00 Max.: 12.00

1. Qu.: 0.00 3. Qu.: 1.00

Mean: 0.83 Median: 0.00

Missings and Encoding:

Not asked (-1): 3792

Don't know/Not specified (-2): 72

Name of Variable: F2b_1_4**Description:** Question F2b_1_4: Number of meals in working week: other**Descriptives:**

Min.: 0.00 Max.: 10.00

1. Qu.: 0.00 3. Qu.: 0.00

Mean: 0.14 Median: 0.00

Missings and Encoding:

Not asked (-1): 3792

Don't know/Not specified (-2): 72

Name of Variable: F2b_2_1**Description:** Question F2b_2_1: Number of meals at weekend: home-cooked meals**Descriptives:**

Min.: 0.00 Max.: 15.00

1. Qu.: 2.00 3. Qu.: 4.00

Mean: 2.65 Median: 2.00

Missings and Encoding:

Not asked (-1): 3781

Don't know/Not specified (-2): 65

Name of Variable: F2b_2_2**Description:** Question F2b_2_2: Number of meals at weekend: ready meals**Descriptives:**

Min.: 0.00 Max.: 6.00

1. Qu.: 0.00 3. Qu.: 0.00

Mean: 0.20 Median: 0.00

Missings and Encoding:

Not asked (-1): 3781

Don't know/Not specified (-2): 65

Name of Variable: F2b_2_3**Description:** Question F2b_2_3: Number of meals at weekend: meals in restaurant/canteen**Descriptives:**

Min.: 0.00 Max.: 5.00

1. Qu.: 0.00 3. Qu.: 1.00

Mean: 0.34 Median: 0.00

Missings and Encoding:

Not asked (-1): 3781

Don't know/Not specified (-2): 65

Name of Variable: F2b_2_4**Description:** Question F2b_2_4: Number of meals at weekend: other**Descriptives:**

Min.: 0.00 Max.: 6.00

1. Qu.: 0.00 3. Qu.: 0.00

Mean: 0.03 Median: 0.00

Missings and Encoding:

Not asked (-1): 3781

Don't know/Not specified (-2): 65

Name of variable: F3**Description:** Question F3: Do you think you eat more or less meat than the average German?**Missings and Encoding:**

Not asked (-1): 3699

Don't know/Not specified (-2): 43

1 Much less

2 A bit less

3 About as much as the average

4 A bit more

5 Much more

Name of variable: F4

Description: Question F4: Have you reduced your meat consumption in the last few years?

Missings and Encoding:

Not asked (-1): 3700	1 Yes
Don't know/Not specified (-2): 37	2 No

Name of variable: F5a

Description: Question F5a: Best description of own meat consumption (not reduced)

Missings and Encoding:

Not asked (-1): 5639	1 I am happy with my meat consumption and see no need to change it.
Don't know/Not specified (-2): 7	2 I would like to increase my meat consumption.
	3 I would like to reduce my meat consumption, but it's difficult for me at the moment.
	4 I would like to reduce my meat consumption and plan to do so in the near future.

Name of variable: F5b

Description: Question F5b: Best description of own meat consumption (reduced)

Missings and Encoding:

Not asked (-1): 4682	1 I have already reduced my meat consumption, but I do not think it is possible to maintain this lower consumption.
Don't know/Not specified (-2): 10	2 I have already reduced my meat consumption and am satisfied with my current consumption.
	3 I have already reduced my meat consumption, but plan to reduce it even further

Name of variable: F6_1

Description: Question F6_1: Reducing your meat consumption is ... (bad/good)

Missings and Encoding:

Not asked (-1): 3701	1 (1) bad
Don't know/Not specified (-2): 98	2 (2)
	3 (3)
	4 (4)
	5 (5) good

Name of variable: F6_2

Description: Question F6_2: Reducing your meat consumption is ... (not) important

Missings and Encoding:

Not asked (-1): 3701	1 (1) not important
Don't know/Not specified (-2): 77	2 (2)
	3 (3)
	4 (4)
	5 (5) important

Name of variable: F6_3

Description: Question F6_3: Reducing your meat consumption is ... (not) environm. friendly

Missings and Encoding:

Not asked (-1): 3701	1 (1) not environmentally friendly
Don't know/Not specified (-2): 118	2 (2)
	3 (3)
	4 (4)
	5 (5) environmentally friendly

Name of variable: F7_1

Description: Question F7_1: I would like to reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702	1 Do not agree at all
Don't know/Not specified (-2): 55	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F7_2

Description: Question F7_2: I plan to reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702	1 Do not agree at all
Don't know/Not specified (-2): 44	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F7_3

Description: Question F7_3: I will reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702	1 Do not agree at all
Don't know/Not specified (-2): 56	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F7_4

Description: Question F7_4: People important to me think I should reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702	1 Do not agree at all
Don't know/Not specified (-2): 143	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F7_5

Description: Question F7_5: People important to me would approve if I reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702	1 Do not agree at all
Don't know/Not specified (-2): 159	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F7_6

Description: Question F7_6: People important to me expect me to reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702	1 Do not agree at all
Don't know/Not specified (-2): 128	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F7_7

Description: Question F7_7: It's entirely up to me whether I reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702	1 Do not agree at all
Don't know/Not specified (-2): 42	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F7_8

Description: Question F7_8: I think I have enough options to reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702	1 Do not agree at all
Don't know/Not specified (-2): 73	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F7_9

Description: Question F7_9: I believe I am in a position to reduce my meat consumption.

Missings and Encoding:

Not asked (-1): 3702

Don't know/Not specified (-2): 57

1 Do not agree at all

2 Rather disagree

3 Neither

4 Rather agree

5 Completely agree

Name of variable: F7_10**Description:** Question F7_10: I am a meat eater.**Missings and Encoding:**

Not asked (-1): 3702

Don't know/Not specified (-2): 34

1 Do not agree at all

2 Rather disagree

3 Neither

4 Rather agree

5 Completely agree

Name of variable: F7_11**Description:** Question F7_11: I am someone who likes to eat meat at every meal.**Missings and Encoding:**

Not asked (-1): 3702

Don't know/Not specified (-2): 33

1 Do not agree at all

2 Rather disagree

3 Neither

4 Rather agree

5 Completely agree

Name of Variable: F8**Description:** Question F8: Share of people important to me that never/rarely eat meat**Descriptives:**

Min.: 1.00 Max.: 100.00

1. Qu.: 10.00 3. Qu.: 50.00

Mean: 30.16 Median: 22.00

Missings and Encoding:

Not asked (-1): 3702

Don't know/Not specified (-2): 330

Name of variable: F9_1

Description: Question F9_1: Reason for reducing meat consumption: Animal wellbeing

Missings and Encoding:

Not asked (-1): 4464

Don't know/Not specified (-2): 0

1 Not important at all

2 Rather unimportant

3 Rather important

4 Very important

5 5

Name of variable: F9_2

Description: Question F9_2: Reason for reducing meat consumption: Environment/climate

Missings and Encoding:

Not asked (-1): 4464

Don't know/Not specified (-2): 0

1 Not important at all

2 Rather unimportant

3 Rather important

4 Very important

5 5

Name of variable: F9_3

Description: Question F9_3: Reason for reducing meat consumption: Health

Missings and Encoding:

Not asked (-1): 4464

Don't know/Not specified (-2): 0

1 Not important at all

2 Rather unimportant

3 Rather important

4 Very important

5 5

Name of variable: F9_4

Description: Question F9_4: Reason for reducing meat consumption: Curiosity

Missings and Encoding:

Not asked (-1): 4464

Don't know/Not specified (-2): 0

1 Not important at all

2 Rather unimportant

3 Rather important

4 Very important

5 5

Name of variable: F9_5**Description:** Question F9_5: Reason for reducing meat consumption: Social pressure**Missings and Encoding:**

Not asked (-1): 4464

Don't know/Not specified (-2): 0

1 Not important at all

2 Rather unimportant

3 Rather important

4 Very important

5 5

Name of variable: F9_6**Description:** Question F9_6: Reason for reducing meat consumption: Financial reasons**Missings and Encoding:**

Not asked (-1): 4464

Don't know/Not specified (-2): 0

1 Not important at all

2 Rather unimportant

3 Rather important

4 Very important

5 5

Name of variable: F00a**Description:** Question F00a: How satisfied are you with your diet?**Missings and Encoding:**

Not asked (-1): 3555

Don't know/Not specified (-2): 15

1 Not satisfied at all

2 Rather unsatisfied

3 Neither

4 Rather satisfied

5 Very satisfied

Name of variable: F00b_1**Description:** Question F00b_1: Agreement: My diet is environmentally friendly and sustainable.

Missings and Encoding:

Not asked (-1): 3555	1 Do not agree at all
Don't know/Not specified (-2): 99	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F00b_2

Description: Question F00b_2: Agreement: My diet is healthy.

Missings and Encoding:

Not asked (-1): 3555	1 Do not agree at all
Don't know/Not specified (-2): 38	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: F10_1

Description: Question F10_1: Problems reduction: I don't know what to eat/cook without meat.

Missings and Encoding:

Not asked (-1): 3705	1 Does not apply at all
Don't know/Not specified (-2): 68	2 Does rather not apply
	3 Neither
	4 Rather applies
	5 Fully applies

Name of variable: F10_2

Description: Question F10_2: Problems reduction: Cooking skills are not good enough

Missings and Encoding:

Not asked (-1): 3706	1 Does not apply at all
Don't know/Not specified (-2): 82	2 Does rather not apply
	3 Neither
	4 Rather applies
	5 Fully applies

Name of variable: F10_3

Description: Question F10_3: Problems reduction: Missing time to deal with a low-meat diet.

Missings and Encoding:

Not asked (-1): 3705

Don't know/Not specified (-2): 79

1 Does not apply at all

2 Does rather not apply

3 Neither

4 Rather applies

5 Fully applies

Name of variable: F10_4**Description:** Question F10_4: Problems reduction: Few alternatives when eating out**Missings and Encoding:**

Not asked (-1): 3705

Don't know/Not specified (-2): 145

1 Does not apply at all

2 Does rather not apply

3 Neither

4 Rather applies

5 Fully applies

Name of variable: F10_5**Description:** Question F10_5: Problems reduction: Its too complicated to eat less meat.**Missings and Encoding:**

Not asked (-1): 3705

Don't know/Not specified (-2): 70

1 Does not apply at all

2 Does rather not apply

3 Neither

4 Rather applies

5 Fully applies

Name of variable: F10_6**Description:** Question F10_6: Problems reduction: I don't get full from a dish without meat.**Missings and Encoding:**

Not asked (-1): 3705

Don't know/Not specified (-2): 57

1 Does not apply at all

2 Does rather not apply

3 Neither

4 Rather applies

5 Fully applies

Name of variable: F10_7**Description:** Question F10_7: Problems reduction: Dishes with meat are part of my tradition.

Missings and Encoding:

Not asked (-1): 3705

Don't know/Not specified (-2): 57

1 Does not apply at all

2 Does rather not apply

3 Neither

4 Rather applies

5 Fully applies

Name of variable: F10_8

Description: Question F10_8: Problems reduction: My immediate environment would not accept it

Missings and Encoding:

Not asked (-1): 3705

Don't know/Not specified (-2): 102

1 Does not apply at all

2 Does rather not apply

3 Neither

4 Rather applies

5 Fully applies

Name of variable: F10_9

Description: Question F10_9: Problems reduction: I don't want to give up the taste of meat.

Missings and Encoding:

Not asked (-1): 3705

Don't know/Not specified (-2): 56

1 Does not apply at all

2 Does rather not apply

3 Neither

4 Rather applies

5 Fully applies

Name of variable: F10_10

Description: Question F10_10: Problems reduction: It is too expensive to give up meat.

Missings and Encoding:

Not asked (-1): 3705

Don't know/Not specified (-2): 87

1 Does not apply at all

2 Does rather not apply

3 Neither

4 Rather applies

5 Fully applies

Name of variable: F10_11

Description: Question F10_11: Problems reduction: I often choose meat out of habit.

Missings and Encoding:

Not asked (-1): 3705	1 Does not apply at all
Don't know/Not specified (-2): 65	2 Does rather not apply
	3 Neither
	4 Rather applies
	5 Fully applies

Name of variable: F11__1

Description: Question F11__1: Ranking Carbon emissions food: 100g Beef

Missings and Encoding:

Not asked (-1): 3718	1 Rank 1
Don't know/Not specified (-2): 757	2 Rank 2
	3 Rank 3
	4 Rank 4
	5 Rank 5
	6 Rank 6
	7 Rank 7

Name of variable: F11__2

Description: Question F11__2: Ranking Carbon emissions food: 100g Pork

Missings and Encoding:

Not asked (-1): 3718	1 Rank 1
Don't know/Not specified (-2): 757	2 Rank 2
	3 Rank 3
	4 Rank 4
	5 Rank 5
	6 Rank 6
	7 Rank 7

Name of variable: F11__3

Description: Question F11__3: Ranking Carbon emissions food: 100g Chicken

Missings and Encoding:

Not asked (-1): 3718	1 Rank 1
Don't know/Not specified (-2): 757	2 Rank 2
	3 Rank 3
	4 Rank 4
	5 Rank 5
	6 Rank 6
	7 Rank 7

Name of variable: F11__4

Description: Question F11__4: Ranking Carbon emissions food: 100g Milk

Missings and Encoding:

Not asked (-1): 3718	1 Rank 1
Don't know/Not specified (-2): 757	2 Rank 2
	3 Rank 3
	4 Rank 4
	5 Rank 5
	6 Rank 6
	7 Rank 7

Name of variable: F11__5

Description: Question F11__5: Ranking Carbon emissions food: 100g Apples

Missings and Encoding:

Not asked (-1): 3718	1 Rank 1
Don't know/Not specified (-2): 757	2 Rank 2
	3 Rank 3
	4 Rank 4
	5 Rank 5
	6 Rank 6
	7 Rank 7

Name of variable: F11__6

Description: Question F11__6: Ranking Carbon emissions food: 100g Tomatoes

Missings and Encoding:

Not asked (-1): 3718	1 Rank 1
Don't know/Not specified (-2): 757	2 Rank 2
	3 Rank 3
	4 Rank 4
	5 Rank 5
	6 Rank 6
	7 Rank 7

Name of variable: F11__7

Description: Question F11__7: Ranking Carbon emissions food: 100g Tofu

Missings and Encoding:

Not asked (-1): 3718	1 Rank 1
Don't know/Not specified (-2): 757	2 Rank 2
	3 Rank 3
	4 Rank 4
	5 Rank 5
	6 Rank 6
	7 Rank 7

8 PV. Psychological control variables

Name of variable: PK2_1

Description: Question PK2_1: Worries: environmental conditions for children and grandchildren

Missings and Encoding:

Not asked (-1): 569	1 Do not agree at all
Don't know/Not specified (-2): 90	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: PK2_2

Description: Question PK2_2: Natural limits to the world's growth exceeded long ago

Missings and Encoding:

Not asked (-1): 569	1 Do not agree at all
Don't know/Not specified (-2): 173	2 Rather disagree
	3 Neither
	4 Rather agree
	5 Completely agree

Name of variable: PK2_3

Description: Question PK2_3: Priority for environmental protection over growth in Germany

Missings and Encoding:

Not asked (-1): 569

Don't know/Not specified (-2): 95

1 Do not agree at all

2 Rather disagree

3 Neither

4 Rather agree

5 Completely agree

Name of variable: PK4_1**Description:** Question PK4_1: I have little control over the things that happen to me.**Missings and Encoding:**

Not asked (-1): 568

Don't know/Not specified (-2): 130

1 Do not agree at all

2 Do not agree

3 Rather disagree

4 Neither

5 Rather agree

6 Agree

7 Completely agree

Name of variable: PK4_2**Description:** Question PK4_2: There is no solution at all to some of my problems.**Missings and Encoding:**

Not asked (-1): 568

Don't know/Not specified (-2): 155

1 Do not agree at all

2 Do not agree

3 Rather disagree

4 Neither

5 Rather agree

6 Agree

7 Completely agree

Name of variable: PK4_3**Description:** Question PK4_3: Little opportunity to change many important things in my life.**Missings and Encoding:**

Not asked (-1): 568

Don't know/Not specified (-2): 153

1 Do not agree at all

2 Do not agree

3 Rather disagree

4 Neither

5 Rather agree

6 Agree

7 Completely agree

Name of variable: PK4_4

Description: Question PK4_4: I often feel helpless in dealing with life's problems.

Missings and Encoding:

Not asked (-1): 568

Don't know/Not specified (-2): 108

1 Do not agree at all

2 Do not agree

3 Rather disagree

4 Neither

5 Rather agree

6 Agree

7 Completely agree

Name of variable: PK4_5

Description: Question PK4_5: Sometimes I feel that I am being bossed around in life.

Missings and Encoding:

Not asked (-1): 568

Don't know/Not specified (-2): 112

1 Do not agree at all

2 Do not agree

3 Rather disagree

4 Neither

5 Rather agree

6 Agree

7 Completely agree

Name of variable: PK4_6

Description: Question PK4_6: What happens to me in the future is largely up to me.

Missings and Encoding:

Not asked (-1): 568

Don't know/Not specified (-2): 116

1 Do not agree at all

2 Do not agree

3 Rather disagree

4 Neither

5 Rather agree

6 Agree

7 Completely agree

Name of variable: PK4_7

Description: Question PK4_7: I can do everything I really set out to do.

Missings and Encoding:

Not asked (-1): 568

Don't know/Not specified (-2): 112

1 Do not agree at all

2 Do not agree

3 Rather disagree

4 Neither

5 Rather agree

6 Agree

7 Completely agree

Name of variable: PK5_1**Description:** Question PK5_1: I always remain factual and objective in an argument.**Missings and Encoding:**

Not asked (-1): 570

Don't know/Not specified (-2): 125

1 Does not apply at all

2 Does rather not apply

3 Rather applies

4 Mainly applies

5 Fully applies

Name of variable: PK5_2**Description:** Question PK5_2: When I talk to someone, I always listen attentively.**Missings and Encoding:**

Not asked (-1): 570

Don't know/Not specified (-2): 72

1 Does not apply at all

2 Does rather not apply

3 Rather applies

4 Mainly applies

5 Fully applies

Name of variable: PK5_3**Description:** Question PK5_3: Even when stressed, I am treating others friendly and courteous.**Missings and Encoding:**

Not asked (-1): 570

Don't know/Not specified (-2): 85

1 Does not apply at all

2 Does rather not apply

3 Rather applies

4 Mainly applies

5 Fully applies

Name of variable: PK5_4

Description: Question PK5_4: It has happened before that I have taken advantage of someone.

Missings and Encoding:

Not asked (-1): 570

Don't know/Not specified (-2): 130

1 Does not apply at all

2 Does rather not apply

3 Rather applies

4 Mainly applies

5 Fully applies

Name of variable: PK5_5

Description: Question PK5_5: Thrown garbage into the countryside or onto the street before.

Missings and Encoding:

Not asked (-1): 570

Don't know/Not specified (-2): 67

1 Does not apply at all

2 Does rather not apply

3 Rather applies

4 Mainly applies

5 Fully applies

Name of variable: PK5_6

Description: Question PK5_6: Sometimes only helping if I can expect something in return.

Missings and Encoding:

Not asked (-1): 570

Don't know/Not specified (-2): 84

1 Does not apply at all

2 Does rather not apply

3 Rather applies

4 Mainly applies

5 Fully applies

9 SO. Socioeconomic information

Name of variable: EXS01

Description: Question EXS01: What is your gender?

Missings and Encoding:

Not asked (-1): 574	1 male
Don't know/Not specified (-2): 0	2 female
	3 non-binary

Name of variable: EXS02**Description:** Question EXS02: How old are you? (groups)**Missings and Encoding:**

Not asked (-1): 574	1 18-29 years
Don't know/Not specified (-2): 0	2 30-39 years
	3 40-49 years
	4 50-59 years
	5 60-69 years
	6 70 years or older

Name of Variable: EXS02n**Description:** Question EXS02n: Age (numerical) (Under 20 / 90 and above summarized)**Descriptives:**

Min.: 19.00	Max.: 90.00
1. Qu.: 48.00	3. Qu.: 71.00
Mean: 58.32	Median: 59.00

Missings and Encoding:

Not asked (-1): 574
Don't know/Not specified (-2): 0

Name of variable: EXS03**Description:** Question EXS03: What is your marital status? Are you...**Missings and Encoding:**

Not asked (-1): 574	1 married and living with your spouse
Don't know/Not specified (-2): 32	2 married and living apart from your spouse
	3 not married
	4 divorced
	5 widowed

Name of variable: EXS03A

Description: Question EXS03A: Do you live with a partner?

Missings and Encoding:

Not asked (-1): 4084	1 Yes
Don't know/Not specified (-2): 34	2 No

Name of variable: EXS04__1

Description: Question EXS04__1: Do you have German citizenship?

Missings and Encoding:

Not asked (-1): 574	0 No
Don't know/Not specified (-2): 0	1 Yes

Name of variable: EXS04__2

Description: Question EXS04__2: Do you have another citizenship?

Missings and Encoding:

Not asked (-1): 574	0 No
Don't know/Not specified (-2): 0	1 Yes

Name of variable: EXS04__3

Description: Question EXS04__3: Citizenship: Not specified

Missings and Encoding:

Not asked (-1): 574	0 Not applicable
Don't know/Not specified (-2): 0	1 Applicable

Name of variable: SO1

Description: Question SO1: What is your highest level of education?

Missings and Encoding:

Not asked (-1): 574

Don't know/Not specified (-2): 27

1 No degree

2 Graduation after a maximum of 7 years of school attendance (especially graduation abroad)

3 Secondary school certificate (Hauptschule)

4 Intermediate school certificate (Realschule), Polytechnic Secondary School certificate

5 Advanced technical college entrance qualification (Fachhochschulreife)

6 General or subject-specific university entrance qualification (Abitur)

Name of variable: SO2**Description:** Question SO2: What is your highest professional training or college degree?**Missings and Encoding:**

Not asked (-1): 576

Don't know/Not specified (-2): 137

1 No degree

2 On-the-job training or professional internship of at least 12 months

3 Pre-vocational training year

4 Apprenticeship, vocational training in the dual system

5 Preparatory service for the intermediate service in public administration

6 Vocational qualification from a vocational school/college

7 2- or 3-year health school (e.g., nursing)

8 Technical school degree (Master, Technician, or equivalent)

9 Academy of professional education, vocational academy

10 Degree from a public administration college

11 University of Applied Sciences degree

12 Degree from a university, scientific university, or art school

13 Doctorate

Name of variable: SO3**Description:** Question SO3: Which predominantly applies to you? Job status

Missings and Encoding:

Not asked (-1): 576

Don't know/Not specified (-2): 33

1 I am employed or working (incl. trainees, parental leave or partial retirement)

3 I am a university student

4 I am a pensioner or retiree

5 I live from income from capital assets, renting or leasing

6 I receive allowances from family or others

7 I am a housewife/husband or take care of someone

8 I receive unemployment benefit I

9 I receive unemployment benefit II or social benefits (Hartz IV benefits)

10 I receive social welfare or basic income support

11 None of the above options applies to me

Name of variable: SO4**Description:** Question SO4: Employment: full or part-time**Missings and Encoding:**

Not asked (-1): 3532

Don't know/Not specified (-2): 6

1 Employed full-time

2 Employed part-time, at least 20 hours per week

3 Employed part-time or hourly, less than 20 hours per week

Name of variable: EXS05**Description:** Question EXS05: What is your current professional position?**Missings and Encoding:**

Not asked (-1): 3532

Don't know/Not specified (-2): 4

1 Self-employed farmer or cooperative farmer

2 Freelancer

3 Self-employed (trade, craft, industry, services)

4 Civil servant, judge, professional soldier

5 Employee

6 Worker

7 Assisting family member

8 Other

Name of variable: SO5**Description:** Question SO5: What is the total monthly net income of your household?

Missings and Encoding:

Not asked (-1): 577

Don't know/Not specified (-2): 622

1 Less than 700 EUR

2 700 to less than 1,200 EUR

3 1,200 to less than 1,700 EUR

4 1,700 to less than 2,200 EUR

5 2,200 to less than 2,700 EUR

6 2,700 to less than 3,200 EUR

7 3,200 to less than 3,700 EUR

8 3,700 to less than 4,200 EUR

9 4,200 to less than 4,700 EUR

10 4,700 to less than 5,200 EUR

11 5,200 to less than 5,700 EUR

12 5,700 EUR and more

Name of variable: SO6**Description:** Question SO6: Self-classification politics Left/right scale**Missings and Encoding:**

Not asked (-1): 0

Don't know/Not specified (-2): 307

1 (0) Left

2 (1)

3 (2)

4 (3)

5 (4)

6 (5)

7 (6)

8 (7)

9 (8)

10 (9)

11 (10) Right

Name of variable: SO7**Description:** Question SO7: General leaning towards a particular party**Missings and Encoding:**

Not asked (-1): 577

Don't know/Not specified (-2): 241

1 CDU / CSU

2 SPD

3 AfD

4 FDP

5 Die Linke

6 Bündnis 90 / Die Grünen

7 another party

8 no party

Name of variable: SO8**Description:** Question SO8: Membership environmental organization

Missings and Encoding:

Not asked (-1): 577	1 Yes
Don't know/Not specified (-2): 54	2 No

Name of variable: F12

Description: Question F12: Do you agree to receive our 8 newsletters?

Missings and Encoding:

Not asked (-1): 4444	1 Yes
Don't know/Not specified (-2): 0	2 No

10 Final Questions

Name of variable: SCHLUSSFRAGE

Description: SCHLUSSFRAGE: Comprehension questionnaire

Missings and Encoding:

Not asked (-1): 579	1 Open answer available
Don't know/Not specified (-2): 2808	

Name of variable: FP1

Description: Question FP1: The questionnaire was ... (understability)

Missings and Encoding:

Not asked (-1): 579	1 very well understandable.
Don't know/Not specified (-2): 56	2 well understandable.
	3 less understandable.
	4 not understandable at all.

Name of variable: FP2

Description: Question FP2: The questions were ... (interesting)

Missings and Encoding:

Not asked (-1): 579

Don't know/Not specified (-2): 85

1 very interesting.

2 interesting

3 less interesting.

4 not interesting at all.

Name of variable: FP3**Description:** Question FP3: Questionnaire too long, too short or just right?**Missings and Encoding:**

Not asked (-1): 579

Don't know/Not specified (-2): 171

1 Too long

2 Too short

3 Just right

11 Meta variables

Name of variable: gemkey**Description:** Municipality number**Missings and Encoding:**

Don't know/not specified (-1): 0

Not asked (-2): 0

Name of variable: plz**Description:** Postal code**Missings and Encoding:**

Don't know/not specified (-1): 0

Not asked (-2): 0

Name of variable: datume**Description:** Finish date interview**Missings and Encoding:**

Not asked (-1): 0

Don't know/Not specified (-2): 0

Name of variable: IDAUER

Description: Length of interview in seconds

Missings and Encoding:

Not asked (-1): 0

Don't know/Not specified (-2): 0
