Impressum

Herausgeber:
RWI – Leibniz-Institut für Wirtschaftsforschung
Hohenzollernstraße 1-3 | 45128 Essen, Germany

Postanschrift:
Postfach 10 30 54 | 45030 Essen, Germany

Fon: +49 201–81 49-0 | E-Mail: rwi@rwi-essen.de
www.rwi-essen.de

Vorstand
Prof. Dr. Dr. h. c. Christoph M. Schmidt (Präsident)
Prof. Dr. Thomas K. Bauer (Vizepräsident)
Dr. Stefan Rumpf

© RWI 2020
Der Nachdruck, auch auszugsweise, ist nur mit Genehmigung des RWI gestattet.

RWI Datenbeschreibung

Schriftleitung: Prof. Dr. Dr. h. c. Christoph M. Schmidt
Gestaltung: Daniela Schwindt, Magdalena Franke, Claudia Lohkamp

FDZ Data description:
FDZ Data description: Socio-EcologicalPanel – wave 5 (Green-SÖP)
November 2020
Ole Cordes
Larissa Klick
Marielena Krieg
Stephan Sommer
FDZ Data description:
Socio-Ecological Panel – wave 5 (Green-SÖP)
November 2020

Ole Cordes
Larissa Klick
Marielena Krieg
Stephan Sommer
### List of contents

1. Introduction ....................................................................................................................5
2. Data Collection ...............................................................................................................5
3. Socio-economic features of surveyed households .........................................................6
   3.1 Distribution of households across federal states ...........................................................6
   3.2 Age ..................................................................................................................................7
   3.3 Gender ............................................................................................................................7
   3.4 Household size ................................................................................................................7
   3.5 Income ............................................................................................................................8
4. Application Examples......................................................................................................9
5. Data Access .................................................................................................................. 10
6. References ................................................................................................................... 10
Codebook .................................................................................................................................... 11
List of tables and figures

Table 1  Overview of the variables.............................................................................................. 6
Table 2  Distribution of households across federal states.......................................................... 7

Figure 1  Age of respondents .................................................................................................... 8
Figure 2  Shares of female and male household heads .............................................................. 8
Figure 3  Shares of household sizes ......................................................................................... 9
Figure 4  Distribution of net income groups ........................................................................... 9
1. Introduction

Against the backdrop of global warming, many countries have implemented a large suite of environmental and energy policies. Germany has initiated the so-called “Energiewende” (Energy Transition), which involves a withdrawal from nuclear power, an increase in energy efficiency, and a rapid expansion of renewable energy sources. This endeavor necessarily induces major technological transformations as well as high costs, which private customers will bear to a large extent.

To shed light on the energy transition, the research project AKZEPTANZ conducted a survey to investigate the acceptance of environmental policies.¹ Specifically, the project gathered data on the current and prospective burden of energy costs on households and their preferences towards a sustainable and secure energy supply. Moreover, the project elicited attitudes towards fairness, climate change, environment, personal costs and benefits, as well as the respondents’ individual willingness to pay (WTP) and to accept (WTA) concerning the introduction of energy and environmental policies.

The survey within the framework of the project AKZEPTANZ was conducted between December 2015 and February 2016 and extends the Socio-Ecological Panel (Green-SÖP) by a fifth wave (for a description of the Socio-Ecological Panel wave 1 to 4, see Kussel and Larysch, 2017). By providing insights into the preferences and attitudes of households towards the systemic changes entailed by the energy transition in Germany, it fills a gap in research, which has not been addressed before.

This data description provides a brief overview of wave 5 of the Green-SÖP. The next section explains the process and methodology of data collection in more detail and relates wave 5 to the preceding waves. Section 3 describes the socio-economic features of the sample. Information on how the data can be accessed and a codebook with details on all variables are annexed.

2. Data Collection

The survey was designed by RWI – Leibniz Institute for Economic Research for the research project “The social acceptance of the energy transition (AKZEPTANZ)”. In cooperation with the Technical University Clausthal, University of Bremen, and Helmut-Schmidt University Hamburg it was conducted between June 2013 and November 2016 and was sponsored by the Federal Ministry of Education and Research (BMBF).

In contrast to the Social-Ecological Panel waves 1 to 4, which were part of the project “Evaluating Climate Mitigation and Adaption Policies (Eval-MAP)”, wave 5 focusses primarily on the acceptance of the German energy transition. It involves questions on the preferences for renewable energies and power supply security, investigates the attitudes towards power grid expansion, and elicits preferences regarding fairness and the distribution of costs. Moreover, wave 5 includes data on electricity suppliers of participants, detailed gas and electricity billing data, and the technologies used for heating, cooking, and warm water heating.

The survey was conducted in collaboration with the research institute forsa between 23 December 2015 and 19 February 2016. Like for the previous Green-SÖP data, forsa employed its

¹ For more information on the project, see https://www.rwi-essen.de/forschung-und-beratung/umwelt-und-ressourcen/projekte/287/, last accessed on 10/11/2020.
omninet panel, which is a representative sample of the German population aged 14 and above. The participants are usually familiar with surveys. In our survey, household heads, being the persons who are responsible for the financial decisions within their household, were questioned. Most households participated via an online questionnaire, while households without an internet connection received a device by forsa to take part via their television. By participating the households could gain bonus points, which can be traded for rewards. Of the 11,375 individuals who participated in the survey 9,917 completed it, while 1,458 aborted it at some point.

Green-SÖP wave 5 is well-suited to extend the preceding waves of the Social-Ecological Panel because all surveys were conducted within an overlapping sample, addressing similar topics. While waves 1 and 3 primarily study the personal experiences, attitudes towards climate change, and adaption behavior, waves 2 and 4 address the determinants of energy demand, the willingness to pay for different energy sources, energy cost, and opinions on energy political issues. The new wave 5 connects very well to the insights of the latter (see Table 1 for an overview of the topics covered in wave 5).

Table 1
Overview of the variables
Green-SÖP, wave 5

<table>
<thead>
<tr>
<th>Section</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>General: Power supply and change of power supplier</td>
</tr>
<tr>
<td>V</td>
<td>Willingness to pay for security in power supply</td>
</tr>
<tr>
<td>N</td>
<td>Experiment on network expansion</td>
</tr>
<tr>
<td>G</td>
<td>Assessment of justice preferences</td>
</tr>
<tr>
<td>Z</td>
<td>Willingness to pay for different energy sources</td>
</tr>
<tr>
<td>K</td>
<td>Cost burden of private households (electricity and gas)</td>
</tr>
<tr>
<td>S</td>
<td>Socio-economic data</td>
</tr>
</tbody>
</table>

Source: Frondel et al. (2020b).

In addition, wave 5 can be merged with the “German Residential Energy Consumption Survey (RWI-GRECS)”, which includes additional information on energy costs of private households. Moreover, some questions in part A of wave 5 have also been asked in the RWI-GRECS survey. Furthermore, it is intended to expand the Green-SÖP dataset by further waves with other connectible surveys on environmental attitude and energy consumption in Germany for years after 2016.

3. Socio-economic features of surveyed households

3.1 Distribution of households across federal states

Table 2 documents the share of participants across the federal states. The regional coverage in the sample is contrasted with the total share of German households in the respective state, which stems from the official population projection published in the last census in 2011 (Federal Statistical Office 2020a). The number of surveyed households is well balanced on the level of

---

federal states, offering a regionally composed overview on preferences towards the energy transition.

Table 2  
**Distribution of households across federal states**  
Green-SÖP, wave 5

<table>
<thead>
<tr>
<th>Federal state</th>
<th>Number of households</th>
<th>Share in sample (%)</th>
<th>Share in Germany (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baden-Württemberg</td>
<td>1,354</td>
<td>11.9</td>
<td>12.5</td>
</tr>
<tr>
<td>Bavaria</td>
<td>1,638</td>
<td>14.4</td>
<td>15.1</td>
</tr>
<tr>
<td>Berlin</td>
<td>534</td>
<td>4.7</td>
<td>4.9</td>
</tr>
<tr>
<td>Brandenburg</td>
<td>347</td>
<td>3.1</td>
<td>3.1</td>
</tr>
<tr>
<td>Bremen</td>
<td>85</td>
<td>0.8</td>
<td>0.9</td>
</tr>
<tr>
<td>Hamburg</td>
<td>284</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>Hesse</td>
<td>965</td>
<td>8.5</td>
<td>7.3</td>
</tr>
<tr>
<td>Lower Saxony</td>
<td>1,166</td>
<td>10.3</td>
<td>9.5</td>
</tr>
<tr>
<td>Mecklenburg-Vorpommern</td>
<td>184</td>
<td>1.6</td>
<td>2.1</td>
</tr>
<tr>
<td>North Rhine-Westphalia</td>
<td>2,562</td>
<td>22.5</td>
<td>21.4</td>
</tr>
<tr>
<td>Rhineland-Palatinate</td>
<td>554</td>
<td>4.9</td>
<td>4.7</td>
</tr>
<tr>
<td>Saarland</td>
<td>119</td>
<td>1.1</td>
<td>1.2</td>
</tr>
<tr>
<td>Saxony</td>
<td>508</td>
<td>4.5</td>
<td>5.5</td>
</tr>
<tr>
<td>Saxony-Anhalt</td>
<td>267</td>
<td>2.4</td>
<td>2.9</td>
</tr>
<tr>
<td>Schleswig-Holstein</td>
<td>492</td>
<td>4.3</td>
<td>3.5</td>
</tr>
<tr>
<td>Thuringia</td>
<td>316</td>
<td>2.8</td>
<td>2.8</td>
</tr>
<tr>
<td>Total</td>
<td>11,375</td>
<td>100.0</td>
<td>100.0</td>
</tr>
</tbody>
</table>

*Source: Frondel et al. (2020b) (column 1 and 2), Destatis (2020) for population share in Germany (column 3).*

### 3.2 Age

The age of the participating household heads ranged between 18 and 90 years. The highest share of respondents with 26.8% was the group with an age between 50 and 60 years (Figure 1). The mean age was 54.9 years.

### 3.3 Gender

Figure 2 shows the shares of female and male participants. The share of female household heads is 37.9% and the share of male household heads is 62.1%. This imbalance is likely caused by the fact that the survey targeted the household members who are mainly responsible for financial decisions in the household. In our sample, the household heads are predominately male.

### 3.4 Household size

Figure 3 displays the shares of households by size. About a quarter of the sample are single person households and roughly 50% are two person-households. Three person and four person households account for 13.9% and 13.2%, respectively.
3.5 Income

Household net incomes are measured on a scale with intervals of 500 Euro where the lowest interval contains incomes below 700 Euro. The scale is top coded at an income of 5700 Euro or more. As illustrated in Figure 4 the largest net income group is the group with an income between 2,200 and 2,700 Euro, which accounts for a share of 15.1%.

Figure 1
Age of respondents
Green-SÖP, wave 5

Source: Frondel et al. (2020b)

Figure 2
Shares of female and male household heads
Green-SÖP, wave 5

Source: Frondel et al. (2020b)
4. Application Examples

Various studies have been published using wave 5 of the Green-SÖP. For instance, using a single-binary-choice experiment, Andor et al. (2018) find that by abolishing exemptions for energy-intensive industries in the renewable energy levy (“EEG-Umlage”) households’ acceptance rates...
for bearing an additional burden almost double. The experiment benefits from the large sample size of about 11,000 households the fifth wave of the SÖP offers.

Frondel et al. (2020a) address the so-called WTA-WTP gap in the case of power supply security. They find that when accounting for the respondents’ perceived realism, the WTA-WTP ratio shrinks. This is an important finding for further research and resulting policy implications.

Further applications of the Social-Ecological-Panel and the fifth wave in particular can be found in the detailed descriptions of the preceding waves on the website of the Research Data Center Ruhr at the RWI (FDZ Ruhr)\(^3\) and on the aforementioned AKZEPTANZ project website respectively.

5. **Data Access**

The dataset is available as Scientific Use File at the FDZ Ruhr, the research data center at RWI – Leibniz Institute for Economic Research. The data access is only granted for scientific, non-commercial studies and to affiliated researchers of scientific institutions. It requires a signed data use agreement that can be applied for on the FDZ Homepage. The data can be obtained as a Stata\(^8\) dataset (.dta) file. The users are requested to cite the source correctly and to inform FDZ Ruhr about publications with the data.

When using wave 5 of the dataset Green-SÖP, please cite the wave individually as:


Further, we recommend citing this data description.

6. **References**


\(^3\) Via https://en.rwi-essen.de/forschung-und-beratung/fdz-ruhr/datenangebot/mikrodaten/green-soep, last accessed on 10/11/2020
Codebook*
Socio-Ecological Panel - Wave 5 (Green-SÖP)

Marielena Krieg, Stephan Sommer

October 15, 2020

RWI —Leibniz Institute for Economic Research
Essen, Germany

*All correspondence to: Stephan Sommer, RWI, Hohenzollernstr. 1-3, 45128 Essen, Germany, Email: stephan.sommer@rwi-essen.de
1 Questionnaire

Name of Variable: status

Description: Status

Descriptives:
Min.: 1.00 Max.: 3.00
1. Qu.: 2.00 3. Qu.: 2.00
Mean: 1.93 Median: 2.00

Missings and Encoding:
No Answer (-1): 0 1 discontinued
Not asked(-2): 0 2 finished without interruption
2 finished with interruption
3 finished with interruption

Name of Variable: aaeigen

Description: A1 Present apartement: for rent/proprietorship

Descriptives:
Min.: 1.00 Max.: 4.00
1. Qu.: 1.00 3. Qu.: 2.00
Mean: 1.64 Median: 2.00

Missings and Encoding:
No Answer (-1): 0 1 rent
Not asked(-2): 0 2 property
3 ceded for free
4 do not know/not specified

Name of Variable: lp

Description: Variable lp

Descriptives:
Min.: 1.00 Max.: 124.00
1. Qu.: 124.00 3. Qu.: 124.00
Mean: 115.03 Median: 124.00
Name of Variable: aagebart

Description: A3a kind of building

Descriptives:
Min.: 1.00 Max.: 8.00
1. Qu.: 1.00 3. Qu.: 3.00
Mean: 2.04 Median: 2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
1 single-family/double-family house
2 row house/semi-detached
3 apartment building (up to 7 floors)
4 high-rise (8 or more floors)
5 reconstructed industrial building
6 weekend or summer house motorhome or similar
7 other kind of building
8 do not know

Name of Variable: aawohnun

Description: A3b amount of apartments in building

Descriptives:
Min.: 1.00 Max.: 4.00
1. Qu.: 1.00 3. Qu.: 3.00
Mean: 2.04 Median: 2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
1 1 apartment
2 2 apartments
3 3 or more apartments
4 do not know
Name of Variable: aabaujh

Description: A4 year of construction of building

Descriptives:
Min.: 1.00  Max.: 13.00
1. Qu.: 1.00  3. Qu.: 3.00
Mean: 2.48  Median: 1.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
1 before 1978
2 1978-1983
3 1984-1994
4 1995-2001
5 2002-2003
6 2004-2007
7 2008-2010
8 2011
9 2012
10 2013
11 2014
12 2015
13 do not know

Name of Variable: staoe

Description: A8 green power supplier/rate

Descriptives:
Min.: 1.00  Max.: 4.00
1. Qu.: 2.00  3. Qu.: 3.00
Mean: 2.66  Median: 3.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
1 Yes, green power supplier
2 yes, green power rate
3 no
4 do not know
Name of Variable: aaeenl
Description: A10a owner of renewable energy system

Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: 2.00 3. Qu.: 2.00
Mean: 1.75 Median: 2.00

Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 429 2 no
3 do not know

Name of Variable: aasolar
Description: A10b1 type of renewable energy system: solar heat system

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.71 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no solar heat system
Not asked(-2): 10037 1 solar heat system

Name of Variable: aaphoto
Description: A10b2 type of renewable energy system: photovoltaic system

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.70 Median: -2.00
Missings and Encoding:
No Answer (-1): 0 0 no photovoltaic system
Not asked(-2): 10037 1 photovoltaic system

Name of Variable: aawp
Description: A10b3 type of renewable energy system: heat pump

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.75 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no heat pump
Not asked(-2): 10037 1 heat pump

Name of Variable: aaeesons
Description: A10b4 type of renewable energy system: other

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.76 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no other
Not asked(-2): 10037 1 other

Name of Variable: aaeewn
Description: A10b5 type of renewable energy system: not specified
Descriptives:
Min.: -2.00  Max.:  1.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean:  -1.76  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  0 specified
Not asked(-2): 10037  1 not specified

Name of Variable: strafwta
Description:  V1 WTA for monthly compensation for yearly 4h electricity cut-off

Descriptives:
Min.: -2.00  Max.:  3.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean:  -1.09  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  1 yes
Not asked(-2): 8697  2 no
3 do not know

Name of Variable: strafwtp
Description:  V2 WTP of monthly fee to avoid yearl 4h electricity cut-off

Descriptives:
Min.: -2.00  Max.:  3.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean:  -1.05  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  1 yes
Not asked(-2): 8635  2 no
3 do not know
Name of Variable: strafgwta

Description: V3 general WTA of households of monthly compensation for 4h electricity cut-off

Descriptives:
Min.: -2.00  Max.:  3.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.04  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  1 yes
Not asked(-2): 8582  2 no
3 do not know

Name of Variable: strafgwtp

Description: V4 general monthly WTP of households to avoid 4h electricity cut-off

Descriptives:
Min.: -2.00  Max.:  3.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.10  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  1 yes
Not asked(-2): 8664  2 no
3 do not know

Name of Variable: strafwtata

Description: V5 certainty about indicated WTA of offer V1

Descriptives:
Min.: -2.00  Max.:  3.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.85  Median: -2.00
Missings and Encoding:
No Answer (-1): 0 1 very sure
Not asked(-2): 10881 2 not so sure
3 do not know

Name of Variable: strafgwtata
Description: V5b certainty about WTA V3 of avg German household

Descriptives:
Min.: -2.00  Max.: 3.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.87  Median: -2.00

Missings and Encoding:
No Answer (-1): 0 1 very sure
Not asked(-2): 10958 2 not so sure
3 do not know

Name of Variable: strafwtpta
Description: V6 certainty about indicated WTP in V2

Descriptives:
Min.: -2.00  Max.: 3.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.87  Median: -2.00

Missings and Encoding:
No Answer (-1): 0 1 very sure
Not asked(-2): 10957 2 not so sure
3 do not know

Name of Variable: strafgwtpta
Description: V6b certainty about WTP V4 of avg German household
Descriptives:
Min.: -2.00  Max.:  3.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.80  Median: -2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 10722
1 very sure
2 not so sure
3 do not know

Name of Variable: strafang
Description:  V7 probability that electricity supplier will make offer

Descriptives:
Min.: -2.00  Max.:  6.00
1. Qu.:  1.00  3. Qu.:  2.00
Mean: 1.56  Median:  1.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 462
1 1=unlikely
2 2
3 3
4 4
5 5=very likely
6 do not know

Name of Variable: steverss
Description:  V8 probability that results of survey will influence policy

Descriptives:
Min.: -2.00  Max.:  6.00
1. Qu.:  1.00  3. Qu.:  3.00
Mean: 2.43  Median:  2.00
Missings and Encoding:
No Answer (-1): 0 1 1=unlikely
Not asked(-2): 466 2 2
3 3
4 4
5 5=very likely
6 do not know

Name of Variable: strafgakz
Description: V9 general WTA yearly power cut-offs for compensation

Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: -2.00 3. Qu.: 2.00
Mean: -0.47 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 6823 2 no
3 do not know

Name of Variable: strafgbzz
Description: V10 general WTP of monthly fee to prevent yearly power cut-offs

Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: -2.00 3. Qu.: 2.00
Mean: -0.48 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 7002 2 no
3 do not know

Name of Variable: stausf
Description: V11 experienced power blackouts in Germany in last 5 years
Descriptives:
Min.: -2.00   Max.:  3.00
1. Qu.:  1.00   3. Qu.:  2.00
Mean:  1.35   Median:  1.00

Missings and Encoding:
No Answer (-1):  0
Not asked(-2):  477
1 yes
2 no
3 do not know

Name of Variable: stzhlvs
Description: V14 satisfaction with current level of security of energy supply

Descriptives:
Min.: -2.00   Max.:  8.00
1. Qu.:  2.00   3. Qu.:  7.00
Mean:  4.45   Median:  6.00

Missings and Encoding:
No Answer (-1):  0
Not asked(-2):  485
1 1 = very unsatisfied
2 2
3 3
4 4
5 5
6 6
7 7 = very satisfied
8 do not know

Name of Variable: stausfgz
Description: V15 general perception of number of blackouts

Descriptives:
Min.: -2.00   Max.:  5.00
1. Qu.:  1.00   3. Qu.:  2.00
Mean:  1.40   Median:  1.00
Missings and Encoding:
No Answer (-1): 0 1 very low
Not asked(-2): 488 2 rather low
3 rather high
4 very high
5 do not know

Name of Variable: staevs
Description: V16 expected effect of expansion of renewable energy on security of supply

Descriptives:
Min.: -2.00 Max.: 7.00
1. Qu.: 3.00 3. Qu.: 4.00
Mean: 3.47 Median: 3.00

Missings and Encoding:
No Answer (-1): 0 1 very negative effect
Not asked(-2): 496 2 rather negative effect
3 equally strong positive and negative effects
4 rather positive effects
5 very positive effects
6 no effect
7 do not know

Name of Variable: strestr
Description: N1a vote in referendum on grid expansion

Descriptives:
Min.: -2.00 Max.: 4.00
1. Qu.: -2.00 3. Qu.: 1.00
Mean: -0.78 Median: -2.00
Missings and Encoding:
No Answer (-1): 0  1 I would vote in favor of new power line
Not asked(-2): 7738  2 I would vote against new power line
                3 I would abstain
                4 I do not know

Name of Variable: strekost
Description:  N1b vote in referendum on compensated grid expansion

Descriptives:
Min.: -2.00  Max.: 4.00
1. Qu.: -2.00  3. Qu.: 1.00
Mean: -0.80  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  1 I would vote in favor of new power line
Not asked(-2): 7795  2 I would vote against new power line
                3 I would abstain
                4 I do not know

Name of Variable: stregkost
Description:  N1c vote in referendum on community-compensated grid expansion

Descriptives:
Min.: -2.00  Max.: 4.00
1. Qu.: -2.00  3. Qu.: 1.00
Mean: -0.80  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  1 I would vote in favor of new power line
Not asked(-2): 7727  2 I would vote against new power line
                3 I would abstain
                4 I do not know
Name of Variable: stretat

**Description:** N2 certainty about vote in actual referendum

**Descriptives:**
- Min.: -2.00  Max.:  3.00
- 1. Qu.:  1.00  3. Qu.:  1.00
- Mean:  0.45  Median:  1.00

**Missings and Encoding:**
- No Answer (-1): 0  1 very sure
- Not asked(-2): 2796  2 not so sure
  3 do not know

Name of Variable: strekozn

**Description:** N3_1 because the compensation too low

**Descriptives:**
- Min.: -2.00  Max.:  1.00
- 1. Qu.: -2.00  3. Qu.: -2.00
- Mean: -1.80  Median: -2.00

**Missings and Encoding:**
- No Answer (-1): 0  0 no
- Not asked(-2): 10268  1 yes

Name of Variable: strekonk

**Description:** N3_2 because the compensation suggest negative consequences of construction

**Descriptives:**
- Min.: -2.00  Max.:  1.00
- 1. Qu.: -2.00  3. Qu.: -2.00
- Mean: -1.77  Median: -2.00
Name of Variable: strekolss
Description:  N3_3 because I do not want the landscape to be harmed

Descriptives:
Min.: -2.00  Max.:  1.00  
1. Qu.: -2.00  3. Qu.: -2.00  
Mean: -1.76  Median: -2.00

Name of Variable: streksons
Description:  N3_4 other reasons

Descriptives:
Min.: -2.00  Max.:  1.00  
1. Qu.: -2.00  3. Qu.: -2.00  
Mean: -1.77  Median: -2.00

Name of Variable: strekwn
Description:  N3_5 unknow
### Descriptives:

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-2.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>1. Qu.</th>
<th>3. Qu.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-2.00</td>
<td>-2.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-1.80</td>
<td>-2.00</td>
</tr>
</tbody>
</table>

### Missings and Encoding:

| No Answer (-1): | 0   | 0 no |
| Not asked(-2):  | 10268| 1 yes |

### Name of Variable: strekkn

**Description:** N4_1 because I do not have personal utility from monetary compensation

### Descriptives:

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-2.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>1. Qu.</th>
<th>3. Qu.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-2.00</td>
<td>-2.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-1.81</td>
<td>-2.00</td>
</tr>
</tbody>
</table>

### Missings and Encoding:

| No Answer (-1): | 0   | 0 no |
| Not asked(-2):  | 10340| 1 yes |

### Name of Variable: stregkozn

**Description:** N4_2 because the compensation too low

### Descriptives:

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-2.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>1. Qu.</th>
<th>3. Qu.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-2.00</td>
<td>-2.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-1.81</td>
<td>-2.00</td>
</tr>
</tbody>
</table>

### Missings and Encoding:

| No Answer (-1): | 0   | 0 no |
| Not asked(-2):  | 10340| 1 yes |
Name of Variable: stregkonk
Description: N4_3 because the compensation suggests negative consequences of construction

Descriptives:
Min.: -2.00  Max.:  1.00  
1. Qu.: -2.00  3. Qu.: -2.00  
Mean:  -1.78  Median:  -2.00  

Missings and Encoding:
No Answer (-1): 0  0 no  
Not asked(-2): 10340  1 yes  

Name of Variable: stregkolss
Description: N4_4 because I do not want the landscape to be harmed

Descriptives:
Min.: -2.00  Max.:  1.00  
1. Qu.: -2.00  3. Qu.: -2.00  
Mean:  -1.77  Median:  -2.00  

Missings and Encoding:
No Answer (-1): 0  0 no  
Not asked(-2): 10340  1 yes  

Name of Variable: stregksons
Description: N4_5 other reasons

Descriptives:
Min.: -2.00  Max.:  1.00  
1. Qu.: -2.00  3. Qu.: -2.00  
Mean:  -1.78  Median:  -2.00  

18
Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 10340 1 yes

Name of Variable: strefkwn
Description: N4_6 unknow

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.82 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 10340 1 yes

Name of Variable: strfinab
Description: G1 preferred financing model for expansion of renewable energy

Descriptives:
Min.: -2.00 Max.: 7.00
1. Qu.: 1.00 3. Qu.: 4.00
Mean: 2.72 Median: 2.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 554
1 Current EEG, distrib. over all consumers
2 Current EEG, distr. over all consumers including compensations for low-inc. hh
3 Using the income-based wage, income and commercial taxes
4 Lump-sum charge, independet of income and usage
5 Renewable energies should neither be funded publicly nor otherwise
6 do not know
7 not specified
Name of Variable: strekschu
Description: G3a protection of lower incomes from additional burden of energy transition

Descriptives:
Min.: -2.00  Max.: 6.00
1. Qu.: 1.00  3. Qu.: 3.00
Mean: 2.12  Median: 2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 611
1 fully agree
2 rather agree
3 agree less
4 do not agree
5 do not know
6 not specified

Name of Variable: strfoehh
Description: G4 government aid for reduction of energy-usage of private households

Descriptives:
Min.: -2.00  Max.: 4.00
1. Qu.: 1.00  3. Qu.: 2.00
Mean: 1.27  Median: 1.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 628
1 yes
2 no
3 do not know
4 not specified

Name of Variable: strfoewho
Description: G5 who should benefit from government aid for private energy-saving investments
Descriptives:
Min.: -2.00  Max.:  6.00
1. Qu.:  1.00  3. Qu.:  2.00
Mean:  1.33  Median:  1.00

Missings and Encoding:
No Answer (-1): 0  1 all households
Not asked(-2): 640  2 low-income households only
                  3 only households that spend a large part of their income on energy
                  4 others
                  5 do not know
                  6 not specified

Name of Variable: strfoefin
Description:  G6 funding of government aid

Descriptives:
Min.: -2.00  Max.:  6.00
1. Qu.:  1.00  3. Qu.:  4.00
Mean:  2.41  Median:  3.00

Missings and Encoding:
No Answer (-1): 0  1 by all households
Not asked(-2): 643  2 by higher charges for high-income households
                  3 by higher fees on energy usage
                  4 differently
                  5 do not know
                  6 not specified

Name of Variable: strfoemas
Description:  G7 measures pushing private energy-usage investments

Descriptives:
Min.: -2.00  Max.:  8.00
1. Qu.:  1.00  3. Qu.:  4.00
Mean:  3.05  Median:  3.00
Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 651
1 lump-sum payment
2 credits at reduced interest
3 higher energy taxes
4 information/advisory offers
5 financial penalties when exceeding certain energy-usage benchmarks
6 other
7 do not know
8 not specified

Name of Variable: strfoeges
Description: G8a approval of laws for improvement of energy-efficiency

Descriptives:
Min.: -2.00 Max.: 4.00
1. Qu.: 1.00 3. Qu.: 2.00
Mean: 1.63 Median: 2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 657
1 I welcome such laws
2 I refuse such laws
3 Do not know
4 Not specified

Name of Variable: strgese
Description: G8b1 because they lower private energy-usage

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 0.00
Mean: -1.23 Median: -2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 8365
0 no
1 yes
Name of Variable: strgepro

Description: G8b2 because I benefit from increasing energy-efficiency regulations

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 0.00
Mean: -1.45 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 8365 1 yes

Name of Variable: strgeag

Description: G8b3 for other reasons

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 0.00
Mean: -1.44 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 8365 1 yes

Name of Variable: strgewn

Description: G8b4 unknow

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 0.00
Mean: -1.47 Median: -2.00
Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 8365 1 yes

Name of Variable: strgeka
Description: G8b5 not specified

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 0.00
Mean: -1.47 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 8365 1 yes

Name of Variable: strgginv
Description: G8c1 because I want to decide myself over investments in my household

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 1.00
Mean: -0.48 Median: 0.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 4901 1 yes

Name of Variable: strgggh
Description: G8e2 because general regulations do not live up to different circumstances
Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 1.00
Mean: -0.44 Median: 0.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 4901 1 yes

Name of Variable: strggag
Description: G8c3 other reasons

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 0.00
Mean: -0.82 Median: 0.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 4901 1 yes

Name of Variable: strggwn
Description: G8c4 unknow

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: 0.00
Mean: -0.86 Median: 0.00

Missings and Encoding:
No Answer (-1): 0 0 no
Not asked(-2): 4901 1 yes
Name of Variable: strggka

Description: G8c5 not specified

Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: -2.00  3. Qu.: 0.00
Mean: -0.86  Median: 0.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 4901
0 no
1 yes

Name of Variable: steegz1

Description: Z1 WTP higher EEG reallocation charge

Descriptives:
Min.: -2.00  Max.: 3.00
1. Qu.: -2.00  3. Qu.: 1.00
Mean: -0.86  Median: -2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 7763
1 yes
2 no
3 do not know

Name of Variable: steegz2

Description: Z2 WTP higher EEG reallocation charge with benefits for industry

Descriptives:
Min.: -2.00  Max.: 3.00
1. Qu.: -2.00  3. Qu.: 1.00
Mean: -0.85  Median: -2.00
Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 7920 2 no
3 do not know

Name of Variable: steegz3
Description: Z3 WTP higher EEG reallocation charge abolishing benefits for industry

Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: -2.00 3. Qu.: 1.00
Mean: -0.94 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 7871 2 no
3 do not know

Name of Variable: steegzs
Description: Z4 certainty about above-stated WTP

Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: -2.00 3. Qu.: 1.00
Mean: -0.65 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 1 very sure
Not asked(-2): 6526 2 not so sure
3 do not know

Name of Variable: steegzwk
Description: Z5a will EEq reallocation charge rise

27
**Descriptives:**
Min.: -2.00  Max.:  6.00  
1. Qu.:  2.00  3. Qu.:  5.00  
Mean:  3.23  Median:  4.00

**Missings and Encoding:**
No Answer (-1):  0  1  1=unlikely  
Not asked(-2):  813  2  2  
               3  3  
               4  4  
               5  5=very likely  
               6  do not know

---

**Name of Variable: stueeeg**

**Description:** Z5b questionnaire has influence on level of EEG levy

**Descriptives:**
Min.: -2.00  Max.:  6.00  
1. Qu.:  1.00  3. Qu.:  3.00  
Mean:  2.30  Median:  2.00

**Missings and Encoding:**
No Answer (-1):  0  1  1=unlikely  
Not asked(-2):  820  2  2  
               3  3  
               4  4  
               5  5=very likely  
               6  do not know

---

**Name of Variable: steezb**

**Description:**  Z6 general WTP for electricity from renewables

**Descriptives:**
Min.: -2.00  Max.:  4.00  
1. Qu.:  1.00  3. Qu.:  3.00  
Mean:  1.88  Median:  3.00
Missings and Encoding:
No Answer (-1): 0  1 more
Not asked(-2): 827  2 less
                   3 same
                   4 do not know

Name of Variable: steegzmub
Description:  Z7a opinion on EEG reallocation charge benefits for energy-intensive companies

Descriptives:
Min.:  -2.00  Max.:  4.00
1. Qu.:  2.00  3. Qu.:  2.00
Mean:  1.67  Median:  2.00

Missings and Encoding:
No Answer (-1): 0  1 right
Not asked(-2): 834  2 wrong
                   3 do not know
                   4 not specified

Name of Variable: steegzwh
Description:  Z7b level of EEG allocation charge

Descriptives:
Min.:  -2.00  Max.:  5.00
1. Qu.:  1.00  3. Qu.:  3.00
Mean:  2.19  Median:  3.00

Missings and Encoding:
No Answer (-1): 0  1 too high
Not asked(-2): 839  2 too low
                   3 just right
                   4 do not know
                   5 not specified
Name of Variable: sttvnb

Description: Z8 turning TV off when not in use

Descriptives:

Min.: -2.00  Max.:  7.00
1. Qu.: 1.00  3. Qu.:  3.00
Mean: 2.02  Median: 2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 847

1  I turn it off using the power switch
2  I disconenct teh device from the mains
3  I turn it off using the remote control(Stand-by-mode)
4  My TV does not have a stand-by-mode
5  My TV does not have a power switch
6  I do not have a TV
7  Do not know

Name of Variable: stpcnb

Description: Z9 turning off computer/laptop when not in use

Descriptives:

Min.: -2.00  Max.:  8.00
1. Qu.: 3.00  3. Qu.:  4.00
Mean: 2.99  Median: 3.00
**Missings and Encoding:**
No Answer (-1): 0
Not asked(-2): 850

1 I usually leave it on
2 Device switches automatically to stand-by-mode
3 I turn the device off
4 I disconnect the device from the mains
5 My device does not have a stand-by-mode
6 My device does not have a power switch
7 I do not have a stationary PC, Laptop, Notebook, Netbook etc
8 I do not know

**Name of Variable: stgsoek**
**Description:** Z10 usage of dishwasher in eco-mode

**Descriptives:**
Min.: -2.00   Max.: 5.00
1. Qu.: 1.00  3. Qu.: 2.00
Mean: 1.70    Median: 2.00

**Missings and Encoding:**
No Answer (-1): 0
Not asked(-2): 854

1 Yes, always
2 Yes, sometimes
3 No, never
4 I do not have a dishwasher
5 Do not know

**Name of Variable: stkuehk**
**Description:** Z11 attributes of new fridge

**Descriptives:**
Min.: -2.00   Max.: 8.00
1. Qu.: 1.00  3. Qu.: 3.00
Mean: 1.88    Median: 1.00
Name of Variable: paenbs
Description:   Z12 energy-consciousness

Descriptives:
Min.:   -2.00  Max.:     8.00
1. Qu.:  4.00  3. Qu.:  6.00
Mean:   4.50  Median:  5.00

Name of Variable: aahhart
Description:   KS1a main heating system

Descriptives:
Min.:   -2.00  Max.:     6.00
1. Qu.:  1.00  3. Qu.:  2.00
Mean:   1.30  Median:  1.00
<table>
<thead>
<tr>
<th>Missings and Encoding:</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Answer (-1): 0</td>
</tr>
<tr>
<td>Not asked(-2): 874</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Name of Variable: aazhart

Description: KS1b kind of central heating

Descriptives:
Min.: -2.00  Max.: 6.00
1. Qu.: -2.00  3. Qu.: 2.00
Mean: 0.62  Median: 1.00

<table>
<thead>
<tr>
<th>Missings and Encoding:</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Answer (-1): 0</td>
</tr>
<tr>
<td>Not asked(-2): 4210</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Name of Variable: aaofenoi

Description: KS1c1 fuel oil furnace

Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.84  Median: -2.00

<table>
<thead>
<tr>
<th>Missings and Encoding:</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Answer (-1): 0</td>
</tr>
<tr>
<td>Not asked(-2): 10640</td>
</tr>
</tbody>
</table>
Name of Variable: aaofenko

Description: KS1c2 lignite briquettes/black coal furnace

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.87 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no lignite briquettes/black coal
Not asked(-2): 10640 1 lignite briquettes/black coal

Name of Variable: aaofenho

Description: KS1c3 wood-based furnace

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.84 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no wood
Not asked(-2): 10640 1 wood

Name of Variable: aaofeneg

Description: KS1c4 natural gas furnace

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.86 Median: -2.00
Missings and Encoding:
No Answer (-1): 0 0 no natural gas
Not asked(-2): 10640 1 natural gas

Name of Variable: aaofenlpg
Description: KS1c5 liquefied petroleum gas

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.87 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no lpg
Not asked(-2): 10640 1 liquefied petroleum gas

Name of Variable: aaofensons
Description: KS1c6 other fuel

Descriptives:
Min.: -2.00 Max.: 1.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.87 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 0 no other fuel
Not asked(-2): 10640 1 other fuel

Name of Variable: aaofenwn
Description: KS1c7 unknow
### Descriptives:

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min.</td>
<td>-2.00</td>
<td>1.00</td>
</tr>
<tr>
<td>1. Qu.</td>
<td>-2.00</td>
<td>-2.00</td>
</tr>
<tr>
<td>Mean</td>
<td>-1.87</td>
<td>-2.00</td>
</tr>
</tbody>
</table>

### Missings and Encoding:

<table>
<thead>
<tr>
<th>Not asked (-2)</th>
<th>10640</th>
<th>1 unknown</th>
</tr>
</thead>
</table>

### Name of Variable: aazhkam

**Description:**  
KS1d_1 additional open fireplace

### Descriptives:

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min.</td>
<td>-2.00</td>
<td>1.00</td>
</tr>
<tr>
<td>1. Qu.</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Mean</td>
<td>-0.17</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Missings and Encoding:

<table>
<thead>
<tr>
<th>No Answer (-1)</th>
<th>0</th>
<th>0 not unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not asked(-2)</td>
<td>1224</td>
<td>1 open fireplace</td>
</tr>
</tbody>
</table>

### Name of Variable: aazhofen

**Description:**  
KS1d_2 additional single furnaces

### Descriptives:

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min.</td>
<td>-2.00</td>
<td>1.00</td>
</tr>
<tr>
<td>1. Qu.</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Mean</td>
<td>-0.01</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Missings and Encoding:

<table>
<thead>
<tr>
<th>No Answer (-1)</th>
<th>0</th>
<th>0 no additional single furnaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not asked(-2)</td>
<td>1224</td>
<td>1 additional single furnaces</td>
</tr>
</tbody>
</table>
Name of Variable: aazhelhg

**Description:** KS1d_3 additional electric heating

**Descriptives:**
- Min.: -2.00
- Max.: 1.00
- 1. Qu.: 0.00
- 3. Qu.: 0.00
- Mean: -0.14
- Median: 0.00

**Missings and Encoding:**
- No Answer (-1): 0
- Not asked(-2): 1224
- 0 no additional electric heating
- 1 additional electric heating

Name of Variable: aazhsons

**Description:** KS1d_4 other additional heating

**Descriptives:**
- Min.: -2.00
- Max.: 1.00
- 1. Qu.: 0.00
- 3. Qu.: 0.00
- Mean: -0.20
- Median: 0.00

**Missings and Encoding:**
- No Answer (-1): 0
- Not asked(-2): 1224
- 0 no other additional heating
- 1 other additional heating

Name of Variable: aazhkein

**Description:** KS1d_5 no use of other additional heating

**Descriptives:**
- Min.: -2.00
- Max.: 1.00
- 1. Qu.: 0.00
- 3. Qu.: 1.00
- Mean: 0.37
- Median: 1.00
Name of Variable: aazhofwn
Description: KS1d_6 unknown

Descriptives:
Min.: -2.00  Max.:  1.00
1. Qu.:  0.00  3. Qu.:  0.00
Mean:  -0.21  Median:  0.00

Name of Variable: aazhholz
Description: KS2_1 wood-based additional heating

Descriptives:
Min.: -2.00  Max.:  1.00
1. Qu.: -2.00  3. Qu.:  0.00
Mean:  -1.14  Median:  -2.00

Name of Variable: aazhkohl
Description: KS2_2 coal-based additional heating

Descriptives:
Min.: -2.00  Max.:  1.00
1. Qu.: -2.00  3. Qu.:  0.00
Mean:  0.00  Median: -1.43
Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: -2.00  3. Qu.: 0.00
Mean: -1.37  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  0 not coal-based
Not asked(-2): 7884  1 coal-based

Name of Variable: aazhegas
Description: KS2_3 natural gas-based additional heating

Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: -2.00  3. Qu.: 0.00
Mean: -1.38  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  0 not natural gas-based
Not asked(-2): 7884  1 natural gas-based

Name of Variable: aazhlpf
Description: KS2_4 LPG-based additional heating

Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: -2.00  3. Qu.: 0.00
Mean: -1.38  Median: -2.00

Missings and Encoding:
No Answer (-1): 0  0 not LPG-based
Not asked(-2): 7884  1 LPG-based
Name of Variable: aazhoil

Description: KS2.5 oil-based additional heating

Descriptives:
Min.: -2.00  Max.:  1.00
1. Qu.: -2.00  3. Qu.:  0.00
Mean:  -1.38  Median:  -2.00

Missings and Encoding:
No Answer (-1):  0
Not asked(-2):  7884
0 not oil-based
1 oil-based

Name of Variable: aazhstr

Description: KS2.6 electricity-based additional heating

Descriptives:
Min.: -2.00  Max.:  1.00
1. Qu.: -2.00  3. Qu.:  0.00
Mean:  -1.31  Median:  -2.00

Missings and Encoding:
No Answer (-1):  0
Not asked(-2):  7884
0 not electricity-based
1 electricity-based

Name of Variable: aazhwn

Description: KS2.7 unknown

Descriptives:
Min.: -2.00  Max.:  1.00
1. Qu.: -2.00  3. Qu.:  0.00
Mean:  -1.38  Median:  -2.00
Missings and Encoding:
No Answer (-1): 0  0 no
Not asked(-2): 7884  1 yes

Name of Variable: aawweiz
Description: KS3 hot water from main heating system

Descriptives:
Min.: -2.00  Max.: 3.00
1. Qu.: 1.00  3. Qu.: 1.00
Mean: 0.56  Median: 1.00

Missings and Encoding:
No Answer (-1): 0  1 yes
Not asked(-2): 2267  2 no
3 do not know

Name of Variable: aawwboil
Description: KS4a_1 warm water from boiler

Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: 0.00  3. Qu.: 0.00
Mean: -0.13  Median: 0.00

Missings and Encoding:
No Answer (-1): 0  0 no warm-water boiler
Not asked(-2): 1278  1 warm water boiler

Name of Variable: aawwdle
Description: KS4a_2 warm water from instantaneous water heater
Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: 0.00  3. Qu.: 0.00
Mean: -0.09  Median: 0.00

Missings and Encoding:
No Answer (-1): 0 0 no instantaneous water heater
Not asked(-2): 1278 1 instantaneous water heater

Name of Variable: aawuetg
Description: KS4a_3 warm water from oversink unit

Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: 0.00  3. Qu.: 0.00
Mean: -0.22  Median: 0.00

Missings and Encoding:
No Answer (-1): 0 0 no oversink unit
Not asked(-2): 1278 1 oversink unit

Name of Variable: aawwutg
Description: KS4a_3 warm water from undersink unit

Descriptives:
Min.: -2.00  Max.: 1.00
1. Qu.: 0.00  3. Qu.: 0.00
Mean: -0.17  Median: 0.00

Missings and Encoding:
No Answer (-1): 0 0 no undersink unit
Not asked(-2): 1278 1 undersink unit
Name of Variable: aawnnlgl

**Description:** KS4a_5 warm water from gas heater

**Descriptives:**
- Min.: -2.00
- Max.: 1.00
- 1. Qu.: 0.00
- 3. Qu.: 0.00
- Mean: -0.11
- Median: 0.00

**Missings and Encoding:**
- No Answer (-1): 0
- Not asked(-2): 1278
  - 0 no gas heater
  - 1 gas heater

Name of Variable: aawwkein

**Description:** KS4a_6 no such device

**Descriptives:**
- Min.: -2.00
- Max.: 1.00
- 1. Qu.: 0.00
- 3. Qu.: 1.00
- Mean: 0.29
- Median: 1.00

**Missings and Encoding:**
- No Answer (-1): 0
- Not asked(-2): 1278
  - 0 no
  - 1 yes, no such device

Name of Variable: aawwstng

**Description:** KS4a_7 unknown

**Descriptives:**
- Min.: -2.00
- Max.: 1.00
- 1. Qu.: 0.00
- 3. Qu.: 0.00
- Mean: -0.21
- Median: 0.00
Name of Variable: aawwabl
Description: KS4b type of boiler

Descriptives:
Min.: -2.00 Max.: 4.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.65 Median: -2.00

Name of Variable: aakoch
Description: KS5 type of main stove

Descriptives:
Min.: -2.00 Max.: 6.00
1. Qu.: 1.00 3. Qu.: 1.00
Mean: 0.74 Median: 1.00

Name of Variable: stwpzaeh
Description: KS6 separate electricity meter for heat pump
Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.96 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 11228 2 no
3 do not know

Name of Variable: strezh
Description: KS7 electricity bill on hand

Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: 1.00 3. Qu.: 2.00
Mean: 1.04 Median: 1.00

Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 1556 2 no, I do not have any bill anymore
3 not specified

Name of Variable: lprezh
Description: KE1 gas bill on hand

Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: -2.00 3. Qu.: 2.00
Mean: -0.26 Median: -2.00

Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 6042 2 no, I do not have any bill anymore
3 not specified
Name of Variable: ke3
Description: KE3 unit gas consumption on bill

Descriptives:
Min.: -2.00 Max.: 4.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.36 Median: -2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 9195
1 Kilowattstunden (kWh)
2 Megawattstunden (MWh)
3 Kubikmeter (m3)
4 weiß nicht

Name of Variable: soaeki
Description: S4 has grandchildren

Descriptives:
Min.: -2.00 Max.: 3.00
1. Qu.: -2.00 3. Qu.: 2.00
Mean: 0.15 Median: 1.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 4532

Name of Variable: soschv
Description: S5 has school-leaving qualification

Descriptives:
Min.: -2.00 Max.: 4.00
1. Qu.: 1.00 3. Qu.: 1.00
Mean: 0.64 Median: 1.00
Missings and Encoding:
No Answer (-1): 0 1 yes
Not asked(-2): 1423 2 no
3 not yet
4 not specified

Name of Variable: soschul

Description: S6 highest school-leaving qualification

Descriptives:
Min.: -2.00 Max.: 6.00
1. Qu.: 2.00 3. Qu.: 5.00
Mean: 2.99 Median: 3.00

Missings and Encoding:
No Answer (-1): 0 1 school-leaving qualification after at most 7 years of schooling
Not asked(-2): 1541 2 'Haupt-/Volksschulabschluss' (basic school qualification)
3 'Mittlere Reife, Realschulabschluss' (secondary schoolleaving certificate)
4 advanced technical college certificate
5 'Abitur', higher education entrance qualification
6 not specified

Name of Variable: sobhav

Description: S7 professional/university degree exists

Descriptives:
Min.: -2.00 Max.: 4.00
1. Qu.: 1.00 3. Qu.: 1.00
Mean: 0.70 Median: 1.00
Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 1424
1 yes
2 no
3 not yet
4 not specified

Name of Variable: sobhaa
Description: S8 highest professional/university degree

Descriptives:
Min.: -2.00 Max.: 13.00
1. Qu.: 3.00 3. Qu.: 10.00
Mean: 5.32 Median: 5.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 2155
1 Semi-skilled (Anlernausbildung)
2 Vocational preparation year (berufsvorbereitungsjahr)
3 Vocational training (Lehre, Berufsausbildung im dualen System)
4 Traineeship for the middle grade of the civil service (Vorbereitungsdienst für den mittleren Dienst)
5 Professional qualification from a vocational school (Berufsqualifizierender Abschluss an einer Berufsfachschule)
6 2- to 3-year school of public health (Schule des Gesundheitswesens)
7 Degree from technical college (Fachschulabschluss)
8 Professional/Vocational Academy (Berufs-/Fachakademie)
9 Degree from an administrative College (Verwaltungsfachhochschule)
10 Polytechnic degree (Fachhochschulabschluss, auch Ingenieurschulabschluss)
11 University degree, degree (Universität und wissenschaftliche Hochschule)
12 PhD
13 not specified
### Name of Variable: soerw

**Description:**  S9a labour status

**Descriptives:**

<table>
<thead>
<tr>
<th>Min.</th>
<th>Max.</th>
<th>1. Qu.</th>
<th>3. Qu.</th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2.00</td>
<td>13.00</td>
<td>1.00</td>
<td>5.00</td>
<td>2.48</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Missings and Encoding:**

- No Answer (-1): 0
- Not asked(-2): 1433

- 1 I am employed
- 2 I am in voluntary military service/federal volunteer service (Wehr-/Bundesfreiwilligendienst)
- 3 I am a pupil (school)
- 4 I am a student (university)
- 5 I am a retiree, pensioner
- 6 I live on capital income, etc.
- 7 I receive maintenance payments/contributions by others (Unterhalt/Zuwendungen)
- 8 I am a housewife/househusband or do care-work for children and/or care-dependent person
- 9 I receive unemployment benefits (ALG1)
- 10 I receive unemployment benefits (ALG2 or Hartz4)
- 11 I receive social benefits or basic provision (Sozialhilfe/Grundsicherung)
- 12 none of the listed options
- 13 not specified

### Name of Variable: sowzd

**Description:**  S9b military or civilian service

**Descriptives:**

<table>
<thead>
<tr>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2.00</td>
<td>4.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.17</td>
<td>1.00</td>
</tr>
</tbody>
</table>
Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 5056
1 I have done military service
2 I have done civilian service
3 none of them
4 not specified

Name of Variable: sobetz
Description: S10 full-time/half-time employment

Descriptives:
Min.: -2.00 Max.: 4.00
1. Qu.: -2.00 3. Qu.: 1.00
Mean: -0.42 Median: -2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 5851
1 full-time employment
2 part-time employment with at least 20 hours per week
3 part-time with less than 20 hours per week
4 not specified

Name of Variable: soberg
Description: S11 professional activity

Descriptives:
Min.: -2.00 Max.: 11.00
1. Qu.: -2.00 3. Qu.: 1.00
Mean: 0.03 Median: -2.00
Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 5854
1 employee
2 worker
3 apprentice
4 self-employed without employees
5 self-employed with employees
6 unpaid family worker
7 public servant
8 soldier
10 side-jobber/ 1-Euro-jobber
11 not specified

Name of Variable: soeinkom
Description: S12 monthly net household income

Descriptives:
Min.: -2.00  Max.: 13.00
1. Qu.: 3.00  3. Qu.: 7.00
Mean: 4.98  Median: 5.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 1445
1 below 700 Euro
2 700 to below 1200 Euro
3 1200 to below 1700 Euro
4 1700 to below 2200 Euro
5 2200 to below 2700 Euro
6 2700 to below 3200 Euro
7 3200 to below 3700 Euro
8 3700 to below 4200 Euro
9 4200 to below 4700 Euro
10 4700 to below 5200 Euro
11 5200 to below 5700 Euro
12 5700 Euro and more
13 not specified

Name of Variable: pamuws
Description: S13 member of environmental organization
Descriptives:
Min.: -2.00   Max.:  3.00
1. Qu.:  1.00   3. Qu.:  2.00
Mean:  1.37   Median:  2.00

Missings and Encoding:
No Answer (-1):  0                   1 yes
Not asked(-2): 1446                  2 no
                                                3 do not know

Name of Variable: papol
Description:  S14 general party affiliation

Descriptives:
Min.: -2.00   Max.:  3.00
1. Qu.:  1.00   3. Qu.:  2.00
Mean:  0.91   Median:  1.00

Missings and Encoding:
No Answer (-1):  0                   1 yes
Not asked(-2): 1447                  2 no
                                                3 do not know

Name of Variable: papart
Description:  S15 which political party

Descriptives:
Min.: -2.00   Max.: 10.00
1. Qu.:  2.00  3. Qu.:  2.00
Mean:  0.94   Median:  1.00
<table>
<thead>
<tr>
<th>Name of Variable: ges</th>
<th>Description: gender</th>
</tr>
</thead>
<tbody>
<tr>
<td>Descriptives:</td>
<td></td>
</tr>
<tr>
<td>Min.: 1.00  Max.: 2.00</td>
<td></td>
</tr>
<tr>
<td>1. Qu.: 1.00  3. Qu.: 2.00</td>
<td></td>
</tr>
<tr>
<td>Mean: 1.38  Median: 1.00</td>
<td></td>
</tr>
</tbody>
</table>

| Missings and Encoding:        |                     |
| No Answer (-1): 0             | 1 male               |
| Not asked(-2): 0              | 2 female             |

<table>
<thead>
<tr>
<th>Name of Variable: sofam</th>
<th>Description: family status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Descriptives:</td>
<td></td>
</tr>
<tr>
<td>Min.: 1.00  Max.: 6.00</td>
<td></td>
</tr>
<tr>
<td>1. Qu.: 1.00  3. Qu.: 3.00</td>
<td></td>
</tr>
<tr>
<td>Mean: 2.04  Median: 1.00</td>
<td></td>
</tr>
</tbody>
</table>
Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
1 married and living together with partner
2 married and living apart from partner
3 single
4 divorced
5 widowed
6 not specified

Name of Variable: sopart1
Description: living together with partner

Descriptives:
Min.: 1.00 Max.: 3.00
1. Qu.: 1.00 3. Qu.: 2.00
Mean: 1.33 Median: 1.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
1 yes
2 no
3 not specified

Name of Variable: natio
Description: nationality

Descriptives:
Min.: -2.00 Max.: 25.00
1. Qu.: 1.00 3. Qu.: 1.00
Mean: 1.20 Median: 1.00
Name of Variable: soalt
Description: age

Descriptives:
Min.: 18.00  Max.: 90.00
1. Qu.: 46.00  3. Qu.: 65.00
Mean: 54.92  Median: 56.00

Name of Variable: aausj
Description: start of survey - year
Descriptives:
Min.: 2015.00  Max.: 2016.00
1. Qu.: 2016.00  3. Qu.: 2016.00
Mean: 2015.98  Median: 2016.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aausm
Description: start of survey - month

Descriptives:
Min.: 1.00  Max.: 12.00
1. Qu.: 1.00  3. Qu.: 1.00
Mean: 1.30  Median: 1.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aaust
Description: start of survey - day

Descriptives:
Min.: 1.00  Max.: 31.00
1. Qu.: 9.00  3. Qu.: 14.00
Mean: 12.25  Median: 11.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
Name of Variable: aauss

Description: start of survey - minute

Descriptives:
Min.: 0.00  Max.: 23.00
1. Qu.: 11.00  3. Qu.: 18.00
Mean: 14.36  Median: 14.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aausmi

Description: start of survey - minute

Descriptives:
Min.: 0.00  Max.: 59.00
1. Qu.: 14.00  3. Qu.: 44.00
Mean: 29.29  Median: 29.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aauej

Description: end of survey - year

Descriptives:
Min.: 2015.00  Max.: 2016.00
1. Qu.: 2016.00  3. Qu.: 2016.00
Mean: 2015.98  Median: 2016.00
Name of Variable: aauem
Description: end of survey - month

Descriptives:
Min.: 1.00 Max.: 12.00
1. Qu.: 1.00 3. Qu.: 1.00
Mean: 1.30 Median: 1.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aauet
Description: end of survey - day

Descriptives:
Min.: 1.00 Max.: 31.00
1. Qu.: 9.00 3. Qu.: 14.00
Mean: 12.32 Median: 11.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aaues
Description: end of survey - hour
Descriptives:
Min.: 0.00  Max.: 23.00
1. Qu.: 11.00  3. Qu.: 18.00
Mean: 14.80  Median: 15.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aauemi
Description: end of survey - minute

Descriptives:
Min.: 0.00  Max.: 59.00
1. Qu.: 14.00  3. Qu.: 45.00
Mean: 29.72  Median: 30.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aaudau
Description: survey length

Descriptives:
Min.: -1.00  Max.: 9074.00
1. Qu.: 933.00  3. Qu.: 2072.00
Mean: 1556.96  Median: 1414.00

Missings and Encoding:
No Answer (-1): 1106
Not asked(-2): 0
Name of Variable: lfdn

Description: lfdn

Descriptives:
Min.: 86.00  Max.: 11643.00
1. Qu.: 2973.00  3. Qu.: 8733.00
Mean: 5858.97  Median: 5854.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: sogej

Description: year of birth

Descriptives:
Min.: 1925.00  Max.: 1997.00
1. Qu.: 1950.00  3. Qu.: 1969.00
Mean: 1960.08  Median: 1959.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: aaplz

Description: zip code

Descriptives:
Min.: 26.00  Max.: 99976.00
1. Qu.: 26624.00  3. Qu.: 71522.00
Mean: 49430.41  Median: 48691.00
Name of Variable: zufz_v
Description: random number/Zufallszahl V-Teil(1-12)

Descriptives:
Min.: 1.00 Max.: 12.00
1. Qu.: 4.00 3. Qu.: 9.00
Mean: 6.52 Median: 7.00

Name of Variable: wta
Description: wta value

Descriptives:
Min.: -2.00 Max.: 9.00
1. Qu.: -2.00 3. Qu.: 6.00
Mean: 1.97 Median: -2.00

Name of Variable: wtp
Description: wtp value
Descriptives:
Min.: -2.00  Max.: 9.00
1. Qu.: -2.00  3. Qu.: 6.00
Mean: 1.99  Median: 1.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 5681

Name of Variable: zufz_n
Description: random number/Zufallszahl N-Teil (1-9)

Descriptives:
Min.: 1.00  Max.: 9.00
1. Qu.: 3.00  3. Qu.: 7.00
Mean: 5.01  Median: 5.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: zufz_g
Description: random number/Zufallszahl G-Teil

Descriptives:
Min.: 1.00  Max.: 2.00
1. Qu.: 1.00  3. Qu.: 2.00
Mean: 1.50  Median: 2.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
Name of Variable: zufz_z
Description: random number/Zufallszahl Z-Teil (1-9)

Descriptives:
Min.: 1.00  Max.: 9.00
1. Qu.: 3.00  3. Qu.: 7.00
Mean: 4.98  Median: 5.00

Missings and Encoding:
No Answer (-1): 0
Not asked (-2): 0

Name of Variable: z_n
Description: Z-value in part N (150,300,600)

Descriptives:
Min.: 100.00  Max.: 500.00
1. Qu.: 100.00  3. Qu.: 500.00
Mean: 281.07  Median: 250.00

Missings and Encoding:
No Answer (-1): 0
Not asked (-2): 0

Name of Variable: z_z
Description: Z-value in part Z (EEG-Levy) (1,2,4)

Descriptives:
Min.: 1.00  Max.: 4.00
1. Qu.: 1.00  3. Qu.: 4.00
Mean: 2.32  Median: 2.00
Name of Variable: aaflaech
Description: A2 net dwelling area

Descriptives:
Min.: -1.00 Max.: 1150.00
1. Qu.: 75.00 3. Qu.: 140.00
Mean: 111.97 Median: 104.00

Name of Variable: stkoss14
Description: A9a estimated electricity costs 2014

Descriptives:
Min.: -1.00 Max.: 9999.00
1. Qu.: 480.00 3. Qu.: 1200.00
Mean: 863.45 Median: 800.00

Name of Variable: a9b
Description: A9b estimated price for 1 kWh of electricity - to be adjusted
Descriptives:
Min.: -1.00 Max.: 6000.00
1. Qu.: -1.00 3. Qu.: 24.77
Mean: 15.73 Median: 0.30

Missings and Encoding:
No Answer (-1): 4262
Not asked (-2): 0

Name of Variable: a9c
Description: A9c estimated electricity consumption (household) 2014 - to be adjusted

Descriptives:
Min.: -1.00 Max.: 97382.00
1. Qu.: -1.00 3. Qu.: 3600.00
Mean: 2580.63 Median: 2000.00

Missings and Encoding:
No Answer (-1): 3392
Not asked (-2): 0

Name of Variable: stseeg
Description: A9d estimated EEG levy per kWh

Descriptives:
Min.: -1.00 Max.: 85.50
1. Qu.: -1.00 3. Qu.: 5.00
Mean: 2.11 Median: 0.05

Missings and Encoding:
No Answer (-1): 5084
Not asked (-2): 0
Name of Variable: aahhg.0
Description: A11 household size

Descriptives:
Min.: -1.00 Max.: 10.00
1. Qu.: 1.00 3. Qu.: 3.00
Mean: 2.10 Median: 2.00

Missings and Encoding:
No Answer (-1): 68
Not asked(-2): 0

Name of Variable: sokihh
Description: A12 children (under 14) in household

Descriptives:
Min.: -1.00 Max.: 5.00
1. Qu.: 0.00 3. Qu.: 0.00
Mean: 0.16 Median: 0.00

Missings and Encoding:
No Answer (-1): 764
Not asked(-2): 0

Name of Variable: strafwtamo
Description: V9b WTA of monthly compensation for yearly 4h-power cut-off

Descriptives:
Min.: -2.00 Max.: 999.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: 0.29 Median: -2.00
Name of Variable: strafwtpmo
Description: V10b WTP of monthly fee to prevent yearly 4h-power cut-offs

Descriptives:
Min.: -2.00  Max.: 50.00  
1. Qu.: -2.00  3. Qu.: -2.00  
Mean: -1.79  Median: -2.00

Missings and Encoding:
No Answer (-1): 57  
Not asked(-2): 10931

Name of Variable: stausfanz
Description: V12 number of experienced blackouts in Gemany in last 5 years

Descriptives:
Min.: -2.00  Max.: 99.00  
1. Qu.: -2.00  3. Qu.: 2.00  
Mean: 0.47  Median: -1.00

Missings and Encoding:
No Answer (-1): 85  
Not asked(-2): 5678

Name of Variable: stausflae
Description: V13 length of longest blackout in last 5 years
Descriptives:
Min.: -2.00 Max.: 9999.00
1. Qu.: -2.00 3. Qu.: 45.00
Mean: 47.95 Median: -2.00

Missings and Encoding:
No Answer (-1): 585
Not asked(-2): 5763

Name of Variable: strfinabus
Description: G2a1 Certainty (Sicherheit) lower third

Descriptives:
Min.: -3.00 Max.: 100.00
1. Qu.: -2.00 3. Qu.: 15.00
Mean: 6.31 Median: -2.00

Missings and Encoding:
No Answer (-1): 600
Not asked(-2): 5692

Name of Variable: strfinabms
Description: G2a2 Certainty (Sicherheit) middle third

Descriptives:
Min.: -3.00 Max.: 100.00
1. Qu.: -2.00 3. Qu.: 30.00
Mean: 10.91 Median: -2.00

Missings and Encoding:
No Answer (-1): 600
Not asked(-2): 5692
Name of Variable: strfinabos

Description: G2a3 Certainty (Sicherheit) upper third

Descriptives:
Min.: -3.00 Max.: 100.00
1. Qu.: -2.00 3. Qu.: 45.00
Mean: 17.54 Median: -2.00

Missings and Encoding:
No Answer (-1): 600
Not asked(-2): 5692

Name of Variable: strfinabuu

Description: G2b1 Uncertainty (Unsicherheit) lower third

Descriptives:
Min.: -3.00 Max.: 100.00
1. Qu.: -2.00 3. Qu.: 15.00
Mean: 6.50 Median: -2.00

Missings and Encoding:
No Answer (-1): 565
Not asked(-2): 5683

Name of Variable: strfinabmu

Description: G2b2 Uncertainty (Unsicherheit) middle third

Descriptives:
Min.: -3.00 Max.: 100.00
1. Qu.: -2.00 3. Qu.: 30.00
Mean: 11.10 Median: -2.00
Name of Variable: strfinabou

Description:  G2b3 Uncertainty (Unsicherheit) upper third

Descriptives:
Min.:    -3.00  Max.:   100.00
1. Qu.:  -2.00  3. Qu.:  45.00
Mean:    17.84  Median: -2.00

Name of Variable: pamindek

Description:  G3b min. monthly income of low-income households

Descriptives:
Min.:    -3.00  Max.:   8800.00
1. Qu.:  -1.00  3. Qu.: 1000.00
Mean:    678.18  Median:  700.00

Name of Variable: ks8ta

Description:  KS8ta electricity bill starting day
Descriptives:
Min.: -2.00  Max.: 31.00
1. Qu.: -2.00  3. Qu.: 1.00
Mean: 3.13  Median: -2.00

Missings and Encoding:
No Answer (-1): 454
Not asked(-2): 5931

Name of Variable: ks8ma
Description: KS8ma electricity bill starting month

Descriptives:
Min.: -2.00  Max.: 12.00
1. Qu.: -2.00  3. Qu.: 3.00
Mean: 1.18  Median: -2.00

Missings and Encoding:
No Answer (-1): 454
Not asked(-2): 5931

Name of Variable: ks8ja
Description: KS8ja electricity bill starting year

Descriptives:
Min.: -2.00  Max.: 2015.00
1. Qu.: -2.00  3. Qu.: 2014.00
Mean: 864.99  Median: -2.00

Missings and Encoding:
No Answer (-1): 454
Not asked(-2): 5931
Name of Variable: ks8te
Description: KS8te electricity bill ending day

Descriptives:
Min.: -2.00  Max.:  31.00  
1. Qu.: -2.00  3. Qu.:  21.00  
Mean: 8.05  Median: -2.00

Missings and Encoding:
No Answer (-1): 454  
Not asked(-2): 5931

Name of Variable: ks8me
Description: KS8me electricity bill ending month

Descriptives:
Min.: -2.00  Max.:  12.00  
1. Qu.: -2.00  3. Qu.:  7.00  
Mean: 2.32  Median: -2.00

Missings and Encoding:
No Answer (-1): 454  
Not asked(-2): 5931

Name of Variable: ks8je
Description: KS8je electricity bill ending year

Descriptives:
Min.: -2.00  Max.:  2015.00  
1. Qu.: -2.00  3. Qu.:  2014.00  
Mean: 865.29  Median: -2.00
Name of Variable: stverbr1
Description:  KS9 power consumption kWh

Descriptives:
Min.: -3.00  Max.: 75000.00
1. Qu.: -2.00  3. Qu.: 2596.00
Mean: 1407.41  Median: -2.00

Name of Variable: stgrpr1
Description:  KS10 basic charge for electricity (Euro)

Descriptives:
Min.: -3.00  Max.: 78730.00
1. Qu.: -2.00  3. Qu.: 76.00
Mean: 138.56  Median: -2.00

Name of Variable: stapr1
Description:  KS11a kilowatt-hour rate (Euro)
**Descriptives:**
Min.: -3.00  Max.: 99.30
1. Qu.: -2.00  3. Qu.: 21.60
Mean: 7.57  Median: -2.00

**Missings and Encoding:**
No Answer (-1): 377
Not asked(-2): 5932

---

**Name of Variable: stneter1**

**Description:**  KS11b price of grid service/kWh (Euro)

---

**Descriptives:**
Min.: -3.00  Max.: 99.80
1. Qu.: -3.00  3. Qu.: -2.00
Mean: -0.30  Median: -2.00

**Missings and Encoding:**
No Answer (-1): 822
Not asked(-2): 5932

---

**Name of Variable: stkost1**

**Description:**  KS12 total costs electricity (Euro)

---

**Descriptives:**
Min.: -3.00  Max.: 76261.00
1. Qu.: -2.00  3. Qu.: 750.00
Mean: 410.17  Median: -2.00

**Missings and Encoding:**
No Answer (-1): 300
Not asked(-2): 5932
Name of Variable: lptar1_0
Description:  KE2ta gas bill starting day

Descriptives:
Min.:  -2.00  Max.:  31.00
1. Qu.:  -2.00  3. Qu.:  -2.00
Mean:  0.03  Median:  -2.00

Missings and Encoding:
No Answer (-1): 125
Not asked(-2): 9185

Name of Variable: lpmar1_0
Description:  KE2ma gas bill starting month

Descriptives:
Min.:  -2.00  Max.:  12.00
1. Qu.:  -2.00  3. Qu.:  -2.00
Mean:  -0.62  Median:  -2.00

Missings and Encoding:
No Answer (-1): 125
Not asked(-2): 9185

Name of Variable: lpjar1_0
Description:  KE2ja gas bill starting year

Descriptives:
Min.:  -2.00  Max.:  2015.00
1. Qu.:  -2.00  3. Qu.:  -2.00
Mean:  362.72  Median:  -2.00
Name of Variable: lpter1_0
Description: KE2te gas bill ending day

Descriptives:
Min.: -2.00 Max.: 31.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: 2.33 Median: -2.00

Name of Variable: lpmer1_0
Description: KE2me gas bill ending month

Descriptives:
Min.: -2.00 Max.: 12.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -0.14 Median: -2.00

Name of Variable: lpjer1_0
Description: KE2je gas bill ending day
Descriptives:
Min.: -2.00  Max.: 2015.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: 362.85  Median: -2.00

Missings and Encoding:
No Answer (-1): 125
Not asked (-2): 9185

Name of Variable: ngverbr1
Description: KE4a gas consumption kwh/m

Descriptives:
Min.: -2.00  Max.: 747932.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: 2848.31  Median: -2.00

Missings and Encoding:
No Answer (-1): 56
Not asked (-2): 9302

Name of Variable: nggpr1
Description: KE5 basic charge for gas (Euro)

Descriptives:
Min.: -3.00  Max.: 3903.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: 40.11  Median: -2.00

Missings and Encoding:
No Answer (-1): 130
Not asked (-2): 9187
Name of Variable: nggk
Description: KE6 total costs gas (Euro)

Descriptives:
Min.: -3.00  Max.: 44905.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: 214.77  Median: -2.00

Missings and Encoding:
No Answer (-1): 82
Not asked (-2): 9187

Name of Variable: ngapkwh
Description: KE7a kilowatt-hour rate gas (Euro)

Descriptives:
Min.: -2.00  Max.: 93.30
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -0.84  Median: -2.00

Missings and Encoding:
No Answer (-1): 210
Not asked (-2): 9519

Name of Variable: ngapmwh1
Description: KE7b megawatt-hour rate gas (Euro)

Descriptives:
Min.: -2.00  Max.: 118.00
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.97  Median: -2.00
Name of Variable: ngaprm21
Description: KE7c working rate/m gas (Euro)

Descriptives:
Min.: -2.00  Max.: 79.90
1. Qu.: -2.00  3. Qu.: -2.00
Mean: -1.84  Median: -2.00

Name of Variable: soaki
Description: S3 number of own children

Descriptives:
Min.: -1.00  Max.: 9.00
1. Qu.: 0.00  3. Qu.: 2.00
Mean: 1.18  Median: 1.00

Name of Variable: soid
Description: household ID
Descriptives:
Min.: 1.01e+08 Max.: 9.75e+08
1. Qu.: 1.31e+08 3. Qu.: 3.16e+08
Mean: 2.83e+08 Median: 1.41e+08

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: sogkz
Description: commune ID

Descriptives:
Min.: 1.00e+06 Max.: 1.61e+07
1. Qu.: 5.32e+06 3. Qu.: 9.56e+06
Mean: 7.59e+06 Median: 7.14e+06

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: ngverbrm1
Description: KE4b gas consumption MWh

Descriptives:
Min.: -2.00 Max.: 10000.00
1. Qu.: -2.00 3. Qu.: -2.00
Mean: -1.08 Median: -2.00

Missings and Encoding:
No Answer (-1): 1
Not asked(-2): 11364
Name of Variable: junk

Description:

Descriptives:
Min.: 7.00  Max.: 8.00
1. Qu.: 7.00  3. Qu.: 7.00
Mean: 7.20  Median: 7.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0

Name of Variable: bland

Description: federal state

Descriptives:
Min.: 1.00  Max.: 16.00
1. Qu.: 5.00  3. Qu.: 9.00
Mean: 7.27  Median: 7.00

Missings and Encoding:
No Answer (-1): 0
Not asked(-2): 0
1 Schleswig-Holstein
2 Hamburg
3 Lower-Saxony
4 Bremen
5 North Rhine-Westphalia
6 Hessia
7 Rhineland-Palatinate
8 Baden-Wuerttemberg
9 Bavaria
10 Saarland
11 Berlin
12 Brandenburg
13 Mecklenburg-Vorpommern
14 Saxony
15 Saxony-Anhalt
16 Thuringia
Das RWI wird vom Bund und vom Land Nordrhein-Westfalen gefördert.