

Data documentation of the Scientific Use File of the BAuA-Working Time Survey 2015, Version 2

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Federal Institute for Occupational
Safety and Health

RESEARCH DATA CENTRE | RDC

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**Data documentation of the
Scientific Use File of the
BAuA-Working Time Survey 2015, Version 2**

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This data documentation describes the Scientific Use File of the BAuA-Working Time Survey 2015, Version 2, which is made available to users via the Research Data Centre of the Federal Institute for Occupational Safety and Health (FDZ-BAuA). The responsibility for the content of this publication lies with the authors.

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Abstract

This data documentation describes the Scientific Use File of the BAuA-Working Time Survey 2015, Version 2, which the Research Data Centre of the Federal Institute for Occupational Safety and Health (FDZ-BAuA) makes available to users for scientific research projects. The BAuA-Working Time Survey 2015 consists of a representative sample of 20,030 persons in employment in Germany, who were questioned about their employment situation, working time aspects, other working conditions, their health and well-being. The data documentation gives an overview of the available data, serves to document data processing measures, and describes the options for merging the data with subsequent survey waves.

Keywords

Working time, working conditions, work demands, work resources, working time tracking, working time preferences, flexibility, autonomy, telework, secondary employment, physical health, mental health, work-life balance, multiple employment, panel survey, research data, scientific use file

Preliminary remarks on the English edition of the data documentation

The aim of this English-language data documentation is to enable the international scientific community to use the Scientific Use File of the BAuA-Working Time Survey 2015.

The study was originally conducted in German. The corresponding dataset is deployed in German. However, the Research Data Centre of the Federal Institute for Occupational Safety and Health (FDZ-BAuA) makes Stata and SPSS syntaxes with English variable labels and value labels available to researchers, which can be added to the dataset.

The interview questions were translated with great care for the purpose of this documentation. Users should bear in mind, however, that the purpose of the translation is to inform and that it does not result in a validated English-language instrument that can be reused directly. The aim of the translation was to reproduce the wording of the German interview questions as accurately as possible. In some cases, this can lead to the question texts deviating from the question texts known from the original English sources.

The German-language questionnaire often included feminine and masculine forms of words to avoid gender bias. As the English language offers more gender-neutral expressions, the translation of the questions and response categories does not reflect this. Instructions for the interviewers on how to deal with feminine and masculine forms of words are not documented.

Preliminary remarks on the data documentation for Version 2 of the scientific use file

The first edition (doi:10.21934/baua.azb15.suf.1) of the Scientific Use File of the BAuA-Working Time Survey 2015 was made available to users in 2019, at the same time as the associated data documentation (Brauner et al., 2019).

Version 2 of the scientific use file is now available. It is described in the data documentation at hand. It contains the following main alterations:

- In Version 1, some items were subject to closure periods. The closure periods are now lifted in Version 2.
- Version 2 contains some additional variables (like interview month and year, panel participation willingness).

The second versions of the survey waves 2017 and 2019, including updated data documentation, were published at the same time as Version 2 of the Scientific Use File of the Working Time Survey 2015. Data from the short questionnaire for non-employed panel participants were made available for the survey waves 2017 and 2019.

Should the need arise, the scientific use files' previous versions can be requested from the Research Data Centre of the Federal Institute for Occupational Safety and Health (FDZ-BAuA).

1 Introduction

The BAuA-Working Time Survey is a representative panel survey of persons in employment in Germany conducted by the Federal Institute for Occupational Safety and Health (BAuA). The aim of the study is to examine the relationship between working time arrangements, other working conditions, as well as the health and satisfaction of persons in employment. Additionally, the aim is to investigate trends regarding the working time realities of employed persons in Germany. Wöhrmann and her colleagues (2021) provide an overview of the conceptualisation of the study.

The first survey wave of the BAuA-Working Time Survey described here was conducted by infas – Institute for Applied Social Sciences between May and September 2015 using computer-assisted telephone interviews (CATI).

The participants of the BAuA-Working Time Survey 2015 were selected on the basis of a random sample of randomly generated landline and mobile phone numbers (dual-frame sampling). The population of the study consists of persons aged 15 and above who were in gainful employment for at least 10 hours per week at the time of the survey. This excludes employment as part of vocational training/apprenticeship or school qualification, voluntary social/ecological year, military or alternative civilian service, or volunteer work, as well as employments that were interrupted for longer than 3 months at the time of the survey.

A comprehensive description of the procedure can be found in the methodology report of the BAuA-Working Time Survey 2015 (Häring et al., 2016).

The Research Data Centre of BAuA (FDZ-BAuA) is now making Version 2 of the Scientific Use File of the BAuA-Working Time Survey 2015 available. The scientific use file comprises the data of all 20,030 employed persons with whom a full interview was carried out using the main questionnaire. The respondents are assigned a unique identification number, which can be used to generate a longitudinal dataset with the subsequent survey waves.

The data documentation at hand describes the development and the content of the Scientific Use File of the BAuA-Working Time Survey 2015, Version 2. A brief description of the features of the study and the dataset is given in Table 1.1.

Table 1.1 Brief description of the features of the study and the dataset

Features of the study and the dataset	Description
Study name	German: BAuA-Arbeitszeitbefragung 2015 English: BAuA-Working Time Survey 2015
Dataset version	Scientific Use File of the BAuA-Working Time Survey 2015, Version 2; doi: 10.48697/baua.azb15.suf.2
Topics	Working time, working conditions, work demands, work resources, working time tracking, working time preferences, flexibility, autonomy, telework, secondary employment, physical health, mental health, work-life balance, multiple employment
Target persons included in the dataset	Members of the population aged 15 and above who were in paid employment for an average amount of at least 10 weekly working hours. This excludes employment as part of vocational training/apprenticeship or school qualification, military or alternative civilian service, voluntary social/ecological year, or volunteer work, as well as employments that were interrupted for longer than 3 months at the time of the survey.
Number of cases	20,030 cases
Survey period	May 2015 to October 2015
Survey design	Computer-assisted telephone interviews (CATI); dual-frame design: randomly generated telephone numbers in the landline and mobile phone sample
Institutions involved in the survey	Commissioner: Federal Institute for Occupational Safety and Health; Dortmund Realisation: infas – Institute for Applied Social Sciences; Bonn
File format/size	SPSS (26 MB) Stata (23 MB)
File organisation	Single file
Access paths	Scientific use file
Degree of anonymisation	De-facto anonymised
Sensitive variables	None

<p>Notes on the citation of data and data documentation</p>	<p>Data “This article is based on the de-facto anonymised data of the BAuA-Working Time Survey 2015 (Version 2, doi:10.48697/baua.azb15.suf.2). The data were accessed using a scientific use file, which was made available through the Research Data Centre of the Federal Institute for Occupational Safety and Health.”</p> <p>Data documentation Pattloch, D., Menze, L., Brauner-Sommer, C., Vieten, L., Tornowski, M., Michel, A., Wöhrmann, A. M., Nold, J., Backhaus, N., Entgelmeier, I., Stein, L.-K. & Zink, S. (2023). Data documentation of the Scientific Use File of the BAuA-Working Time Survey 2015, Version 2. Dortmund: Federal Institute for Occupational Safety and Health. doi: 10.21934/baua:doku20230925</p>
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2 Data access

The data of the Scientific Use File of the BAuA-Working Time Survey 2015 can be accessed through FDZ-BAuA. The scientific use file is made available in a Stata as well as SPSS format.

The scientific use file can be applied for by researchers who are affiliated with a university or a research institution for scientific purposes. The application form for data use as well as additional information can be found on the FDZ-BAuA website: www.baua.de/fdz

Once a contract has been concluded, the user will be provided with a document on the programming of the questionnaire and further tools in addition to the dataset.

3 Population and sample

The population of the BAuA-Working Time Survey consists of persons in private households in Germany aged 15 or above who are in gainful employment for at least 10 hours per week. This **also includes** employments that are taken up in addition to acquiring vocational or school qualifications or employments as family workers. This does **not** include employments as part of a company-based apprenticeship or school qualification, voluntary service, a voluntary social/ecological year, or volunteer work. Moreover, the population of this study does not include employed persons who have interrupted their employment for more than 3 months at the time of the survey due to maternity leave, parental leave, an incapacity to work, special leave, or other reasons.

Within the population thus defined, three groups are distinguished for filtering the respondents in the BAuA-Working Time Survey: 1) persons who are in employment without interruption, 2) persons who interrupted their employment for less than three months at the time of the interview, and 3) persons who engage in employment alongside another main status. In the scientific use files, membership in these three groups is coded in one variable (**BX_EST** in 2017, **CX_EST** in 2019, etc.) as of the BAuA-Working Time Survey 2017. This subdivision is not available in the scientific use file for the BAuA-Working Time Survey 2015.

The sample of the BAuA-Working Time Survey 2015 is a random sample drawn from randomly generated landline and mobile phone numbers (dual-frame sampling). A telephone-based screening clarified whether the contacted persons belonged to the study's target group.

For more detailed information on the population and sample of the BAuA-Working Time Survey 2015, please refer to the methodology report (Häring et al., 2016).

The Scientific Use File of the BAuA-Working Time Survey 2015, Version 2 comprises a dataset with cross-sectional data of 20,030 employed persons with whom a full interview could be carried out.¹

¹ Some people had indicated during the screening that they are in paid employment for at least 10 hours a week (real weekly working hours) but then stated lower real weekly working hours in the course of the interview. These persons responded to the questionnaire of the BAuA-Working Time Survey 2015 although they do not belong to the actual population of persons in employment according to the definition of the study. The cases in question are included in the scientific use file.

4 Survey instrument

If membership to the target group could be determined for persons willing to take the survey, they were subsequently questioned using the main questionnaire for employed persons. Large parts of the main questionnaire of the BAuA-Working Time Survey 2015 were re-used in the subsequent survey waves of the panel study. However, there may have been changes in the way the variables were collected over the course of those waves. For longitudinal analyses, users should therefore always consider the effects this might have on interpreting results. For a detailed comparison of the content of the questionnaire across the individual survey waves, the data are made available together with further tools (list of variable correspondence, document on the programming of the questionnaire).

Many questions originate from the BIBB/BAuA-Employment Survey 2012 (Rohrbach-Schmidt and Hall, 2013). To keep the sources in Chapter 10 concise, this source is not indicated there unless the question is based on additional sources.

The main questionnaire of the BAuA-Working Time Survey 2015 comprises questions on the following topics:

- Main employment that is being carried out, occupational position, and industry of employment
- Contractual and actual weekly working hours, overtime, full-time/part-time, flexitime arrangements, shift work, emergency-response duty, on-call duty, current working time arrangements
- Telework/working from home
- Flexible working time, working time tracking, autonomy, and changes in working time
- Work-life balance, constant availability, recovery
- Psychological demands and strain of the main employment
- Satisfaction with current employment, stress, general health, and physical ailments
- Up to three secondary employments in addition to main employment
- Socio-demographic data on the person and the household

When programming the questionnaire as a CATI, various software options were used to make the interview easier to conduct and increase data quality. The programming of the CATI thus contains complex filtering for different groups of respondents. The filters facilitate a more automated interview process. When interpreting the data, it is therefore always necessary to consider from which respondent groups the respective information was collected.

Moreover, the programming provided for value range checks of some questions, instantly checking the respondents' information for plausibility. At some points during the interview, there was an automated additional inquiry to the target person if their responses were outside a previously defined value range.

The survey instrument was pretested with 101 respondents under real field conditions and then revised and shortened. The data collected in the pretest are **not** included in the Scientific Use File of the BAuA-Working Time Survey 2015.

5 Structure of the dataset

5.1 Cross-sectional dataset

The scientific use file described here contains only the cross-sectional data of the BAuA-Working Time Survey 2015. The variable names in the Scientific Use File of the BAuA-Working Time Survey 2015 begin with the prefix “**AX**”, which signifies membership with the first survey wave (survey wave 2017: “**BX**”; survey wave 2019: “**CX**”; etc.). The German variable and value labels contain umlauts and special characters. Users may apply the provided English label syntax instead.

On the one hand, this dataset is suitable for cross-sectional analyses of employed persons. On the other hand, it can be used for longitudinal analyses together with the subsequent waves.

5.2 Longitudinal analyses

The Scientific Use File of the BAuA-Working Time Survey 2015 contains a unique identification variable for respondents (**lfid**). Using this variable allows linking it with subsequent survey waves.

Depending on the method of longitudinal analysis, the survey might be linked in either the “wide” or “long” format:

- In the “wide” format, the individual survey waves are “horizontally” linked to each other, so that there is one row for each respondent in the dataset. Variables that are queried across survey waves are located in individual columns and are named with the wave-specific prefix.
- In the “long” format, the individual survey waves of a person are stored underneath each other as individual rows in the dataset. Here, corresponding variables appear in one column under a uniform variable name.

FDZ-BAuA offers SPSS and Stata syntax to create a link between survey waves in both the “wide” and the “long” format.

For a more detailed description of how to link datasets for longitudinal analyses, please refer to the data documentation of the Scientific Use Files of the BAuA-Working Time Surveys 2017 and 2019 (see Pattloch et al., 2023a and 2023b).

6 Data preparation and data checks

Some of the data preparation and data checking was already carried out by infas, and some by the project team of the BAuA-Working Time Survey. For the preparation and checking steps that have been carried out by infas, see the methodology report for the BAuA-Working Time Survey 2015 (Häring et al., 2016). Version 1 of the scientific use file was created in close consultation with infas. From that, FDZ-BAuA, which was set up only in 2021, developed Version 2 of the scientific use file, which is the version at hand.

Some variables from the BAuA-Working Time Survey 2015 were not incorporated in the scientific use file: This applies, for example, to variables that served the technical implementation of the interviews (such as loop tests required for correcting missing or implausible responses). A presumably misunderstood question about trust-based working time (AX216), also known as flexible scheduling or a results-based work environment, was not included in the scientific use file. Variables that were removed or coarsened for data protection reasons are shown in Chapter 7.

6.1 Coding of open-ended questions

The free-form text responses on occupation and industry were coded by infas using established classifications for the main employment as well as (if available) up to three secondary employments.

The free-form text responses on occupations were coded by infas using two established occupational classifications:

- Unit groups (4-digit groups) of the International Standard Classification of Occupations in the 2008 version (ISCO-08) (see Bundesamt für Statistik, 2017)
- Occupational types (5-digit groups) of the German Classification of Occupations in the 2010 version (KldB-10) (see Bundesagentur für Arbeit, 2013)

Depending on the quality of the responses, other information from the interview were considered (occupational position, among others). For the scientific use file, these occupational codes were further coarsened (see Section 7.2.2).

Industries were coded by infas based on the so-called divisions (2-digit groups) of the Classification of Economic Activities, Edition 2008 (WZ 2008) (see Statistisches Bundesamt, 2008). In addition to free-form text responses of respondents, this coding could incorporate additional details from the respondents (open-ended responses on occupation, occupational position).

Some codes in occupational and industry classifications normally include a zero as the first digit, which was omitted in the numerical data of the scientific use file.

Citizenship too could be recorded openly by the interviewers if it could not be found in a previously presented list. Later, open responses on citizenship were assigned to a category on the list by infas.

6.2 Plausibility checks

In individual cases, the information provided by respondents was outside the plausible range. In these cases, the information was marked as implausible via a specific missing code and is thus identifiable on the individual case level. The permissible value ranges for metric variables are given in the variable overview.

6.3 Generated variables

Most of the variables included in the scientific use file match the responses given by the respondents to individual questions. However, some variables have been generated from the responses to several questions or by using paradata from the survey (e.g., interview date). The variable overview in Chapter 10 documents how variables were generated.

6.4 Harmonisation across waves

The variable names and labels for the scientific use files of the BAuA-Working Time Survey were harmonised across survey waves, so that corresponding variables have the same variable name (with the prefix for the respective survey wave) and the same variable label. Value labels were harmonised across survey waves as long as no substantial changes were made to the response categories between survey waves. In some cases, the harmonisation measures can result in the variable and value labels of the scientific use file differing from the original programming.

There were no subsequent changes in the information given in the interview based on the information from other survey waves.

6.5 Definition of missing values

Uniform missing categories were assigned to all variables in the scientific use file. They are:

999997	refused
999998	do not know
999999	filter missing

Additional missing categories may be defined in specific variables, depending on their content (for this, see the variable descriptions in Chapter 10). Before each analysis, users are recommended to check whether the respective categories should be part of the analysis in terms of their content.

Unlike in Version 1, the uniform missing categories as well as the variable-specific missing categories are **not** declared invalid (user-missing) values in the SPSS format of Version 2 of the scientific use file. FDZ-BAuA provides users with a SPSS syntax tool for declaring user-missing values. It should be noted, however, that user-missing value declarations may need to be removed to properly address the values in syntax commands.

6.6 Changes to the previous version of the scientific use file

During the preparation of Version 2 of the scientific use file, some changes were implemented compared to the previous version. The main changes are as follows:

- Lifting of closure periods
- Inclusion of some additional variables (such as interview month and year, panel participation willingness)
- Corrections to individual variables

The scientific use file comes with release notes that document the changes in detail.

7 Anonymisation

7.1 Measures to minimise the risk of re-identification

While conducting the survey and creating the Scientific Use File of the BAuA-Working Time Survey 2015, measures were taken to minimise the risk of re-identifying respondents. At the same time, the potential for analysis for scientific purposes was to be preserved as much as possible.

A first important layer of protection against re-identification results from the nature of the survey: Since this is a sample rather than a complete survey of the working population, the probability of being able to match certain information from the dataset to one particular person is low.

Additionally, various other measures were taken to counteract the risk of re-identifying respondents based on direct or indirect identifiers:

7.2 Procedure for information with increased potential for re-identification

7.2.1 Procedure for direct identifiers

The following contact data were collected during the BAuA-Working Time Survey 2015:

- Name of the person
- Address
- Telephone number
- Email address

These direct identifiers were used exclusively for contacting people for additional surveys and for carrying out panel maintenance measures. They are always stored separately from the survey data.

Survey data were pseudonymised already during the collection phase by assigning a unique identification number to the respondents (**ifd**). Assigning the pseudonym to the direct identifiers is only possible for the duration of the research project and only through specially authorised persons.

7.2.2 Procedure for indirect identifiers

The following indirect identifiers, which were collected in the course of the interview, also bear increased potential for re-identification when combined with additional information:

- Date of birth (month and year)
- Number of secondary employments
- Occupation (free-form text response)
- Industry (free-form text response)
- Duration of employment (since year)
- Begin of shift work (since year)
- Begin of night work (since year)

- Household size
- Gross monthly earnings
- Citizenship
- Regional information
- Interview date

When creating the scientific use file, different measures were taken to prevent the re-identification of persons using this information. They include coarsening data, summarising extreme values in marginal categories, and removing free-form text responses in the way described below.

The date of birth of respondents was coarsened to the **year of birth**. Additionally, the year of birth of people born before 1945 was summarised into a marginal category. In terms of age, which is generated from the date of birth and the interview date, people aged over 70 were grouped together into a marginal category.

The **number of secondary employments** that the respondents engage in next to their main employment was coarsened into two categories, “secondary employment(s) present” or “no secondary employment(s) present”. Unlike the subsequent survey waves, the BAuA-Working Time Survey 2015 surveyed up to three iterations of secondary employment individually. Therefore, the coarsening takes effect starting with the fourth secondary employment.

Information on the **occupation** of the respondents is available in the dataset in coded form. The free-form text responses for the current main employment and (if available) for up to three secondary employments were coded by infas according to the occupational types (5-digit groups) of the German Classification of Occupations of 2010 (KldB-10) and the unit groups (4-digit groups) of the International Standard Classification of Occupations 2008 (ISCO-08). This information was further coarsened for the scientific use file. The scientific use file contains data on the sub-major groups (2-digit groups) and minor groups (3-digit groups) of the ISCO-08 as well as the occupational main groups (2-digit groups) and occupational groups (3-digit groups) of KldB-10. Moreover, it contains the 5th digit of KldB-10, which describes the requirement level of an occupation. The additional occupational segments and occupational sectors included in the scientific use file are more coarsened versions of the occupational main groups of the KldB-10.

Information on the **industry** of the company that the respondents work in is included in the datasets only in coded form. The free-form text responses were coded by infas using the Classification of Economic Activities, Edition 2008 (WZ 2008). The scientific use file contains the divisions (2-digit groups) of WZ 2008 for the current main employment and (if available) for up to three additional secondary employments.

The years of the **start of the period of employment, of shift and night work** were each converted into the number of years. These are included in the scientific use file. Data exceeding 45 years are summarised into a marginal category. This made the data on years redundant, which were subsequently deleted.

Household sizes of more than 6 persons were summarised into a marginal category.

Gross monthly earnings were also summarised if persons stated that they exceeded 10,000 euros.

The **citizenship** stated by the respondents was coarsened into the two categories “German” and “not German”. Additional citizenships were dealt with in the same way.

The dataset contains **regional information** only in the form of coarsened information on the German federal state. The German federal states Bremen and Lower Saxony as well as the Saarland and Rhineland-Palatinate were merged into one category, respectively.

The **interview date** was reduced to month and year.

All **free-form text responses** (job title, industry, citizenship) were deleted.

The anonymisation measures taken in the scientific use file are summarised in Table 7.1 and Table 7.2.

Tab. 7.1 Anonymisation measures: Overview of deleted variables

Variable name	Variable label
AXS2_Monat	Month of birth
AXS2_Halbjahr	Birth month half year
AXkkz	County code
AXgebiet	Territorial unit
AXgkpol7	Municipality size class
AXgkbik10	Municipality size BIK 1–10
All free-form text responses:	
AX100_o	Employment current_free-form response
AX101_o	Employment_follow-up_free-form response
AX102_o	Employment other designation_open
AX114_o	Industry_free-form response
AX604_o	SECEMP_1: Occupation_free-form response
AX604_2_o	SECEMP_2: Occupation_free-form response
AX604_3_o	SECEMP_3: Occupation_free-form response
AX605_o	SECEMP_1: Occupation current_free-form response
AX605_2_o	SECEMP_2: Occupation current_free-form response
AX606_o	SECEMP_1: Description current occupation_free-form response
AX606_2_o	SECEMP_2: Description current occupation_free-form response
AX606_3_o	SECEMP_3: Description current occupation_free-form response
AX611_o	SECEMP_1: Industry open_free-form response
AX611_2_o	SECEMP_2: Industry open_free-form response
AX611_3_o	SECEMP_3: Industry open_free-form response
AX810_a_o	Citizenship_free-form response
AX810_3_o	Additional citizenship_free-form response
AXht_opens_all	Information on main employment_merged
AXnt1_opens_all	Information on 1st secondary employment_merged
AXnt2_opens_all	Information on 2nd secondary employment_merged
AXnt3_opens_all	Information on 3rd secondary employment_merged

Tab. 7.2 Anonymisation measures: Overview of coarsened variables

Variable name	Variable label	Procedure
AXS2_Jahr_vgr	Date of birth_coarsened	The code 999995 is assigned to people with a date of birth before 1945
AXAlter_vgr	Age_coarsened	The code 999995 is assigned to people aged over 70
AXnt	Secondary employment present	Coarsening of the number of secondary employments (AX600) into the two categories “secondary employment(s) present” or “no secondary employment(s) present”
AXI08_ht_2stl	Main employment ISCO-08 2-digit groups	Coding of free-form text responses, among others, on occupation (main employment) based on the sub-major groups (2-digit groups) of the ISCO-08
AXI08_ht_3stl	Main employment ISCO-08 3-digit groups	Coding of free-form text responses, among others, on occupation (main employment) based on the minor groups (3-digit groups) of the ISCO-08
AXKLDB10_ht_2stl	Main employment KLDB10 2-digit groups	Coding of free-form text responses, among others, on occupation (main employment) into the occupational main groups (2-digit groups) of the KldB-10
AXKLDB10_ht_3stl	Main employment KLDB10 3-digit groups	Coding of free-form text responses, among others, on occupation (main employment) into the occupational groups (3-digit groups) of the KldB-10
AXanfniv_ht	Main employment KLDB10 5th digit (requirement level)	Coding of free-form text responses, among others, on occupation (main employment) into the requirement levels (5th digit) of the KldB-10
AXKLDB10_ht_segmn	Main employment KLDB10 occupational segments	Coding of free-form text responses, among others, on occupation (main employment) into the occupational segments based on the German Classification of Occupations of 2010 (KldB-2010)
AXKLDB10_ht_sekt	Main employment KLDB10 occupational sectors	Coding of free-form text responses, among others, on occupation (main employment) into the occupational sectors based on the German Classification of Occupations of 2010 (KldB-2010)
AXWZ08_ht	Main employment industry WZ08	Coding of free-form text responses, among others, on industry (main employment) into the divisions (2-digit groups) of WZ 2008

AX112_anzj_vgr	Duration of employment number of years_coarsened	Assignment of the code 999995 for persons with a duration of employment of over 45 years
AX226_anzj_vgr	Shift work number of years_coarsened	Assignment of the code 999995 to persons who have been doing shift work for over 45 years
AX227_anzj_vgr	Night work number of years_coarsened	Assignment of the code 999995 to persons who have been doing night work for over 45 years
AXI08_nt1_2stl	SECEMP_1: ISCO-08 2-digit groups	Coding of free-form text responses, among others, on occupation (1st secondary employment) based on the sub-major groups (2-digit groups) of the ISCO-08
AXI08_nt2_2stl	SECEMP_2: ISCO-08 2-digit groups	Coding of free-form text responses, among others, on occupation (2nd secondary employment) based on the sub-major groups (2-digit groups) of the ISCO-08
AXI08_nt3_2stl	SECEMP_3: ISCO-08 2-digit groups	Coding of free-form text responses, among others, on occupation (3rd secondary employment) based on the sub-major groups (2-digit groups) of the ISCO-08
AXI08_nt1_3stl	SECEMP_1: ISCO-08 3-digit groups	Coding of free-form text responses, among others, on occupation (1st secondary employment) based on the minor groups (3-digit groups) of the ISCO-08
AXI08_nt2_3stl	SECEMP_2: ISCO-08 3-digit groups	Coding of free-form text responses, among others, on occupation (2nd secondary employment) based on the minor groups (3-digit groups) of the ISCO-08
AXI08_nt3_3stl	SECEMP_3: ISCO-08 3-digit groups	Coding of free-form text responses, among others, on occupation (3rd secondary employment) based on the minor groups (3-digit groups) of the ISCO-08
AXKLDB10_nt1_2stl	SECEMP_1: KLDB10 2-digit groups	Coding of free-form text responses, among others, on occupation (1st secondary employment) into the occupational main groups (2-digit groups) of the KldB-10
AXKLDB10_nt2_2stl	SECEMP_2: KLDB10 2-digit groups	Coding of free-form text responses, among others, on occupation (2nd secondary employment) into the occupational main groups (2-digit groups) of the KldB-10

AXKLDB10_nt3_2stl	SECEMP_3: KLDB10 2-digit groups	Coding of free-form text responses, among others, on occupation (3rd secondary employment) into the occupational main groups (2-digit groups) of the KldB-10
AXKLDB10_nt1_3stl	SECEMP_1: KLDB10 3-digit groups	Coding of free-form text responses, among others, on occupation (1st secondary employment) into the occupational groups (3-digit groups) of the KldB-10
AXKLDB10_nt2_3stl	SECEMP_2: KLDB10 3-digit groups	Coding of free-form text responses, among others, on occupation (2nd secondary employment) into the occupational groups (3-digit groups) of the KldB-10
AXKLDB10_nt3_3stl	SECEMP_3: KLDB10 3-digit groups	Coding of free-form text responses, among others, on occupation (3rd secondary employment) into the occupational groups (3-digit groups) of the KldB-10
AXanfniv_nt1	SECEMP_1: KLDB10 5th digit (requirement level)	Coding of free-form text responses, among others, on occupation (1st secondary employment) into the requirement levels (5th digit) of the KldB-10
AXanfniv_nt2	SECEMP_2: KLDB10 5th digit (requirement level)	Coding of free-form text responses, among others, on occupation (2nd secondary employment) into the requirement levels (5th digit) of the KldB-10
AXanfniv_nt3	SECEMP_3: KLDB10 5th digit (requirement level)	Coding of free-form text responses, among others, on occupation (3rd secondary employment) into the requirement levels (5th digit) of the KldB-10
AXKLDB10_nt1_segmn	SECEMP_1: KLDB10 occupational segments	Coding of free-form text responses, among others, on occupation (1st secondary employment) into the occupational segments based on the German Classification of Occupations of 2010 (KldB-2010)
AXKLDB10_nt2_segmn	SECEMP_2: KLDB10 occupational segments	Coding of free-form text responses, among others, on occupation (2nd secondary employment) into the occupational segments based on the German Classification of Occupations of 2010 (KldB-2010)

AXKLDB10_nt3_segm	SECEMP_3: KLDB10 occupational segments	Coding of free-form text responses, among others, on occupation (3rd secondary employment) into the occupational segments based on the German Classification of Occupations of 2010 (KIdB-2010)
AXKLDB10_nt1_sekt	SECEMP_1: KLDB10 occupational sectors	Coding of free-form text responses, among others, on occupation (1st secondary employment) into the occupational sectors based on the German Classification of Occupations of 2010 (KIdB-2010)
AXKLDB10_nt2_sekt	SECEMP_2: KLDB10 occupational sectors	Coding of free-form text responses, among others, on occupation (2nd secondary employment) into the occupational sectors based on the German Classification of Occupations of 2010 (KIdB-2010)
AXKLDB10_nt3_sekt	SECEMP_3: KLDB10 occupational sectors	Coding of free-form text responses, among others, on occupation (3rd secondary employment) into the occupational sectors based on the German Classification of Occupations of 2010 (KIdB-2010)
AXWZ08_nt1	SECEMP_1: industry WZ08	Coding of free-form text responses, among others, on industry (1st secondary employment) into the divisions (2-digit groups) of WZ 2008
AXWZ08_nt2	SECEMP_2: industry WZ08	Coding of free-form text responses, among others, on industry (2nd secondary employment) into the divisions (2-digit groups) of WZ 2008
AXWZ08_nt3	SECEMP_3: industry WZ08	Coding of free-form text responses, among others, on industry (3rd secondary employment) into the divisions (2-digit groups) of WZ 2008
AX800_vgr	Household size_coarsened	Assignment of the code 999995 when household size exceeds 6 people
AX805_vgr	Main employment: Gross monthly earnings_coarsened	Assignment of the code 999995 when the gross monthly earnings exceed 10,000 euros
AX810_2K	Citizenship_grouped	Coarsening of the exact citizenship into the two categories "German" and "not German"
AX810_2_2K	Additional citizenship_grouped	Coarsening of the exact additional citizenship into the two categories "German" and "not German"

AXbland_14K	Federal state_coarsened	Coarsening of the available regional information at the federal state level; merging of Bremen and Lower Saxony as well as Saarland and Rhineland-Palatinate
AXintdatmon, AXintdatjahr	Interview date month, Interview date year	Coarsening to specification in months

8 Weighting

The scientific use file features a calibrated cross-sectional weight (**AXgewicht**), which can be used for representative cross-sectional analyses. This weight takes into account both the original selection probability of a target person and the participation probability. It results in an adjustment of the socio-demographic characteristics to the benchmarks from the Mikrozensus 2014 for the population of persons living in Germany aged 15 and above who are gainfully employed for at least 10 hours per week (excluding vocational training and voluntary services; see also Chapter 3 on the population of the BAuA-Working Time Survey).

See Häring et al. (2016) for details on how the weight was generated.

9 Closure periods

There were several variables in Version 1 of the scientific use file that were subject to a closure period and that were therefore not available to users. In Version 2, the version at hand, all closure periods have been lifted.

10 Variable descriptions

The following tables provide an overview of the variables featured in the dataset and clarify which questions they come from or how they were generated. They also provide information on any sources that were used for developing the respective question. Many variable descriptions also contain a “Concept” row that makes it easier to find certain overarching topics within the questionnaire.

The uniform missing categories of the variables (see Section 6.5 Definition of missing values) are not listed below. Missing categories are only listed below if they deviate from these overarching rules.

Tab. 10.1 Identification number (lfd)

Variable label	Identification number
Variable name	lfd
Additional details	Generated person identification number that is used across waves

Tab. 10.2 Interview date year (AXintdatjahr)

Variable label	Interview date year
Variable name	AXintdatjahr
Values	2015

Tab. 10.3 Interview date month (AXintdatmon)

Variable label	Interview date month
Variable name	AXintdatmon
Values	5 to 10

Tab. 10.4 Cross-sectional weight 2015 (AXgewicht)

Variable label	Cross-sectional weight 2015
Variable name	AXgewicht
Values	0.11 to 10.38
Additional details	Generated, weighting factor for cross-sectional analyses Wave 1. For details on how the weighting is created, see the methodology report (Häring et al., 2016).

Tab. 10.5 First-time participation in ... (AXErstteilnahme)

Variable label	First-time participation in ...
Variable name	AXErstteilnahme
Values	2015
Additional details	Generated variable, which displays the year of first-time participation (here only 2015)

Tab. 10.6 Participation WTS 2015 (AXTeilnahme2015)

Variable label	Participation WTS 2015
Variable name	AXTeilnahme2015
Values	1 participation main questionnaire
Additional details	Generated variable that marks the participation in 2015 according to questionnaire type (here exclusively main questionnaire)

Tab. 10.7 Survey instrument (AXtyp)

Variable label	Survey instrument
Variable name	AXtyp
Values	1 main questionnaire
Additional details	Generated variable used to differentiate Type 1=main questionnaire from Type 2=short questionnaire (for non-employed persons) (here exclusively main questionnaire)

Tab. 10.8 Sex (AXS1)

Variable label	Sex
Variable name	AXS1
Values	1 male 2 female
Additional details	Recording of the sex by the interviewer during the screening (S1)
Instructions for interviewers	S1: Enter the sex of the target person.
Concept	Socio-demographics

Tab. 10.9 Date of birth_coarsened (AXS2_Jahr_vgr)

Variable label	Date of birth_coarsened
Variable name	AXS2_Jahr_vgr
Values	1945 to 1999 999995 before 1945
Additional details	Recording of year of birth in screening (S2). Coarsening: (LOWEST THRU 1944 = 999995)
Question	S2: Here are a few questions that depend on your age. For this reason, please tell me first: When were you born? Please tell me your month and year of birth.
Concept	Socio-demographics

Tab. 10.10 Age_coarsened (AXAlter_vgr)

Variable label	Age_coarsened
Variable name	AXAlter_vgr
Values	16 to 70 999995 over 70 years
Additional details	Recording of year of birth in screening (S2). Age generated from year of birth and interview date. Topcoding: (71 THRU 150 = 999995)
Question	S2: Here are a few questions that depend on your age. For this reason, please tell me first: When were you born? Please tell me your month and year of birth.
Concept	Socio-demographics

Tab. 10.11 Main employment ISCO-08 2-digit groups (AXI08_ht_2stl)

Variable label	Main employment ISCO-08 2-digit groups
Variable name	AXI08_ht_2stl
Values	Values, see Bundesamt für Statistik, 2017. -9 no response -5 not codable
Additional details	Coding of open responses (AX100, AX101, AX102) and, if required, additional information (including occupational position) based on the sub-major groups (2-digit groups) of the International Standard Classification of Occupations of 2008 (ISCO-08). While coding open responses as 4-digit groups from ISCO-08, infas assigned a special code in a few cases that is not included in the original classification: 410 "Soldier without further specification (special GESIS code)" When coarsening to ISCO-08 2-digit groups, this special code was retained as: 4 "Soldier without further specification (special GESIS code)"

Question	<p>AX100: What occupation are you currently engaged in [if reported on secondary employment (E1=1 und E11_1A=1): in this secondary employment]? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX101: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in?</p> <p>AX102: Can you be even more specific about this occupation? Does the occupation you engage in carry another name?</p>
Concept	Employment

Tab. 10.12 Main employment ISCO-08 3-digit groups (AXI08_ht_3stl)

Variable label	Main employment ISCO-08 3-digit groups
Variable name	AXI08_ht_3stl
Values	<p>Values, see Bundesamt für Statistik, 2017.</p> <p>-9 no response</p> <p>-5 not codable</p>
Additional details	<p>Coding of open responses (AX100, AX101, AX102) and, if required, additional information (including occupational position) based on the minor groups (3-digit groups) of the International Standard Classification of Occupations of 2008 (ISCO-08).</p> <p>While coding open responses as 4-digit groups from ISCO-08, infas assigned a special code in a few cases that is not included in the original classification:</p> <p>410 "Soldier without further specification (special GESIS code)"</p> <p>When coarsening to ISCO-08 3-digit groups, this special code was retained as:</p> <p>41 "Soldier without further specification (special GESIS code)"</p>

Question	<p>AX100: What occupation are you currently engaged in [if reported on secondary employment (E1=1 und E11_1A=1): in this secondary employment]? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX101: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in?</p> <p>AX102: Can you be even more specific about this occupation? Does the occupation you engage in carry another name?</p>
Concept	Employment

Tab. 10.13 Main employment KLDB10 2-digit groups (AXKLDB10_ht_2stl)

Variable label	Main employment KLDB10 2-digit groups
Variable name	AXKLDB10_ht_2stl
Values	Values, see Bundesagentur für Arbeit, 2013. -9 no response -5 not codable
Additional details	Coding of open responses (AX100, AX101, AX102) and, if required, additional information (including occupational position) based on the occupational main groups (2-digit groups) of the German Classification of Occupations of 2010 (KIdB-10).
Question	<p>AX100: What occupation are you currently engaged in [if reported on secondary employment (E1=1 und E11_1A=1): in this secondary employment]? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX101: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in?</p> <p>AX102: Can you be even more specific about this occupation? Does the occupation you engage in carry another name?</p>
Concept	Employment

Tab. 10.14 Main employment KLDB10 3-digit groups (AXKLDB10_ht_3stl)

Variable label	Main employment KLDB10 3-digit groups
Variable name	AXKLDB10_ht_3stl
Values	Values, see Bundesagentur für Arbeit, 2013. -9 no response -5 not codable
Additional details	Coding of open responses (AX100, AX101, AX102) and, if required, additional information (including occupational position) based on the occupational groups (3-digit groups) of the German Classification of Occupations of 2010 (KldB-10).
Question	<p>AX100: What occupation are you currently engaged in [if reported on secondary employment (E1=1 und E11_1A=1): in this secondary employment]? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX101: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in?</p> <p>AX102: Can you be even more specific about this occupation? Does the occupation you engage in carry another name?</p>
Concept	Employment

Tab. 10.15 Main employment KLDB10 occupational segments (AXKLDB10_ht_segmn)

Variable label	Main employment KLDB10 occupational segments
Variable name	AXKLDB10_ht_segmn
Values	<p>-9 no response -5 not codable 11 occupations in agriculture, forestry and horticulture 12 manufacturing occupations 13 occupations concerned with production technology 14 occupations in building and interior construction 21 occupations in the food industry, in gastronomy and in tourism 22 medical and non-medical health care occupations 23 service occupations in social sector and cultural work 31 occupations in commerce and trade 32 occupations in business management and organisation 33 business-related service occupations 41 service occupations in the IT-sector and the natural sciences 51 safety and security occupations</p>

	52 occupations in traffic and logistics 53 occupations in cleaning services
Additional details	Assignment of the occupational main groups (two-digit groups) of the German Classification of Occupations of 2010 (AXKLDB10_ht_2stl) to the occupational segments according to Matthes et al. (2015). Coarsening: (11,12 = 11) (21,22,23,24,28,93 = 12) (25,26,27 = 13) (31,32,33,34 = 14) (29,63 = 21) (81,82 = 22) (83,84,91,94 = 23) (61,62 = 31) (71 = 32) (72,73,92 = 33) (41,42,43 = 41) (1,53 = 51) (51,52 = 52) (54 = 53)
Question	AX100: What occupation are you currently engaged in [if reported on secondary employment (E1=1 und E11_1A=1): in this secondary employment]? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX101: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in? AX102: Can you be even more specific about this occupation? Does the occupation you engage in carry another name?
Concept	Employment

Tab. 10.16 Main employment KLDB10 occupational sectors (AXKLDB10_ht_sekt)

Variable label	Main employment KLDB10 occupational sectors
Variable name	AXKLDB10_ht_sekt

Values	-9 no response -5 not codable 1 occupations in the production of goods 2 occupations in personal services 3 occupations in business administration and other business related services 4 service occupations in the IT-sector and the natural sciences 5 other occupations in commercial services
Additional details	Assignment of the occupational segments (AXKLDB10_ht_segm) to the occupational sectors according to Matthes et al. (2015). Coarsening: (11,12,13,14 = 1) (21,22,23 = 2) (31,32,33 = 3) (41 = 4) (51,52,53 = 5) (11,12,13,14 = 1) (21,22,23 = 2) (31,32,33 = 3) (41 = 4) (51,52,53 = 5)
Question	AX100: What occupation are you currently engaged in [if reported on secondary employment (E1=1 und E11_1A=1): in this secondary employment]? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX101: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in? AX102: Can you be even more specific about this occupation? Does the occupation you engage in carry another name?
Concept	Employment

Tab. 10.17 Main employment KLDB10 5th digit (requirement level) (AXanfniv_ht)

Variable label	Main employment KLDB10 5th digit (requirement level)
Variable name	AXanfniv_ht
Values	-9 no response -5 not codable 1 unskilled or semi-skilled activities 2 specialist activities 3 complex specialist activities 4 highly complex tasks

Additional details	Coding of open responses (AX100, AX101, AX102) and, if required, additional information (including occupational position) based on the requirement level (5th digit) of the German Classification of Occupations of 2010 (KldB-10) (Bundesagentur für Arbeit, 2013).
Question	<p>AX100: What occupation are you currently engaged in [if reported on secondary employment (E1=1 und E11_1A=1): in this secondary employment]? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX101: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in?</p> <p>AX102: Can you be even more specific about this occupation? Does the occupation you engage in carry another name?</p>
Concept	Employment

Tab. 10.18 Occupational position (AX103)

Variable label	Occupational position
Variable name	AX103
Values	<p>1 blue-collar worker (wage earner) 2 white-collar worker (salaried employee) 3 civil servant 4 self-employed person 5 independent professional/freelancer 6 independent contractor/freelancer 7 family worker 8 TP cannot decide between wage earner and salaried employee</p>
Additional details	Response category 8 was not read aloud.
Question	What is your occupational position in your occupation as [Tätigkeit_T1]? Are you a(n) ...
Concept	Employment relationship, occupational position

Tab. 10.19 Level of qualification blue-collar worker (wage earner) (AX104)

Variable label	Level of qualification blue-collar worker (wage earner)
Variable name	AX104
Values	<p>1 semi-skilled worker, labourer, unskilled worker 2 skilled worker, work gang foreperson 3 foreperson, group leader 4 master (craftsperson), site foreperson (wage earner)</p>

Question	Which of the following groups do you belong to? Are you a(n) ...
Filter question	If wage earner (AX103=1)
Concept	Employment relationship, level of qualification

Tab. 10.20 Level of qualification white-collar worker (salaried employee) (AX105)

Variable label	Level of qualification white-collar worker (salaried employee)
Variable name	AX105
Values	1 performing simple tasks 2 performing qualified tasks 3 performing highly qualified tasks
Additional details	Original response categories: 1: performing simple tasks 2: performing qualified tasks, e.g., clerk, accountant, technical draftsman 3: performing highly qualified tasks, e.g., academic research staff, engineer, department head
Question	Are you a white-collar worker (salaried employee) ...
Instructions for interviewers	Examples of simple tasks include those of shop assistants, cleaners, nursing assistants.
Filter question	If white-collar worker or occupational position unclear (AX103=2,8,999997,999998)
Concept	Employment relationship, level of qualification

Tab. 10.21 Master (craftsperson), site foreperson (salaried employee) (AX106)

Variable label	Master (craftsperson), site foreperson (salaried employee)
Variable name	AX106
Values	1 yes 2 no
Question	Are you employed as a master (craftsperson) or site foreperson?
Filter question	If salaried employee with qualified/highly qualified tasks (AX105=2,3)
Concept	Employment relationship, level of qualification

Tab. 10.22 Level of qualification civil servants (AX107)

Variable label	Level of qualification civil servants
Variable name	AX107
Values	1 in ordinary service 2 in intermediate service 3 in higher intermediate service 4 in higher service
Question	Are you a civil servant in ordinary, intermediate, higher intermediate, or higher service?

Filter question	If civil servant (AX103=3)
Concept	Employment relationship, level of qualification

Tab. 10.23 Self-employed master (craftsperson) (AX108)

Variable label	Self-employed master (craftsperson)
Variable name	AX108
Values	1 yes 2 no
Question	Are you a self-employed master (craftsperson)?
Filter question	If self-employed (AX103=4)
Concept	Employment relationship, level of qualification

Tab. 10.24 Fixed-term or permanent employment relationship (AX109)

Variable label	Fixed-term or permanent employment relationship
Variable name	AX109
Values	1 fixed-term 2 permanent 3 does not apply, no employment contract
Question	Are you currently in a fixed-term or in a permanent employment relationship?
Filter question	If occupational position is blue-collar worker (wage earner), salaried employee, or unclear (AX103=1,2,8,999997,999998)
Concept	Employment relationship, fixed-term

Tab. 10.25 Contracts for work and services (AX110)

Variable label	Contracts for work and services
Variable name	AX110
Values	1 solely 2 occasionally 3 never
Question	Do you never, occasionally, or solely work based on contracts for specific work and services in your main employment as [Tätigkeit_T1]?
Instructions for interviewers	Only read response categories aloud if required. Read aloud if required: With a contract for work and services, a client pays a contractor not for working time, but solely for the result, i.e., the finished product (work) or a successful performance (of a service).
Filter question	If occupational position self-employed/freelance/independent contractor (AX103=4,5,6,999997,999998)
Concept	Employment relationship

Tab. 10.26 Employed by a staffing agency (AX111)

Variable label	Employed by a staffing agency
Variable name	AX111
Values	1 yes 2 no
Question	Are you employed by a staffing agency that hires you out to other companies?
Filter question	If occupational position is blue-collar worker (wage earner), salaried employee, or unclear (AX103=1,2,8,999997,999998)
Concept	Employment relationship

Tab. 10.27 Duration of employment number of years_coarsened (AX112_anzj_vgr)

Variable label	Duration of employment number of years_coarsened
Variable name	AX112_anzj_vgr
Values	0 to 45 999995 over 45 years
Additional details	Generated from number of years of the duration of employment (AX112) and interview date. Topcoding: (46 THRU 150 = 999995) Validated by follow-up question if target person was aged 14 or less on the specified start date.
Question	If dependent employee and not temping (AX103=1,2,3,7,8,999997,999998 und AX111≠1): Since when have you been employed by your current employer? Please tell me the year. If self-employed/freelance (AX103=4,5): Since when have you been operating this company, this business? Please tell me the year. If independent contractor/freelance (AX103=6): Since when have you been working as an independent contractor/freelancer for the company which you invest most working time in? Please tell me the year. If temping (AX111=1): Since when have you been with this staffing agency? Please tell me the year.
Concept	Company, duration of employment

Tab. 10.28 Economic sector (AX113)

Variable label	Economic sector
Variable name	AX113
Values	1 public service 2 industry 3 trades 4 commerce 5 other services 6 another sector 7 private household
Additional details	Original response categories: If AX103=1,2,3,6,7,8,999997,999998: 1: the public service 2: industry 3: craft sector 4: commerce 5: other services If AX103=4,5: 6: (or) another sector If AX103=1,2,3,6,7,8,999997,999998: 6: (or) another sector If AX103=1,2,6,7,8,999997,999998: 7: or is it a private household
Question	If not self-employed/freelance (AX103=1,2,3,7,8,999997,999998): Does the company you work for belong to ... If self-employed/freelance (AX103=4,5): Does your business belong to ... If independent contractor/freelance (AX103=6): Does the company you mainly work for belong to ...
Instructions for interviewers	If temping (AX111=1): If not currently hired out, last hiring company
Concept	Structural economic features

Tab. 10.29 Main employment industry WZ08 (AXWZ08_ht)

Variable label	Main employment industry WZ08
Variable name	AXWZ08_ht
Values	For values, see Statistisches Bundesamt, 2008. -8 do not know -7 refused -5 not codable
Additional details	Coding of open responses (AX114) and, if required, further information (including occupational position) according to the divisions of the Classification of Economic Activities of 2008 (WZ2008)
Question	AX114: What industry does the company belong to? Please tell me as precisely as possible.

Instructions for interviewers	AX114: Please specify the exact industry, e.g., “retail” not “commerce”, or “hospital” not “public service”. Please ask if necessary!
Filter question	If no occupation in private household (AX113≠7)
Concept	Structural economic features

Tab. 10.30 Company size (AX115)

Variable label	Company size
Variable name	AX115
Values	1 1 person 2 2 persons 3 3 to 4 persons 4 5 to 9 persons 5 10 to 19 persons 6 20 to 49 persons 7 50 to 99 persons 8 100 to 249 persons 9 250 to 499 persons 10 500 to 999 persons 11 1,000 and more persons
Question	<p>If dependent employee (AX103=1,2,3,7,8,999997,999998): How many people are employed in the company you work for, approximately, including yourself, the owner, and trainees/apprentices? [If public service (AX113=1): This refers to the number of employees at the local department.]</p> <p>If self-employed/freelance (AX103=4,5): How many people are employed in your company in total, including yourself and any trainees/apprentices? [If public service (AX113=1): This refers to the number of employees at the local department.]</p> <p>If independent contractor/freelance (AX103=6): How many people are employed in the company you mainly work for, approximately, including the owner, and trainees/apprentices? [If public service (AX113=1): This refers to the number of employees at the local department.]</p>
Instructions for interviewers	Do not read out response categories. If there are several locations, this refers to the local place of business, facility, or branch.
Concept	Structural economic features

Tab. 10.31 Restructuring last 2 years (AX116_1)

Variable label	Restructuring last 2 years
Variable name	AX116_1
Values	1 yes 2 no

Question	<p>Introduction to AX116: If dependent employee/independent contractor (AX103=1,2,3,6,7,8,999997,999998) and longer duration of employment (AX112≤2013,999997,999998): Please tell me now whether the following changes were undertaken in your immediate working environment in the last two years. In the last two years ...</p> <p>If dependent employee/independent contractor (AX103=1,2,3,6,7,8,999997,999998) and short duration of employment (AX112>2013): Please tell me now whether the following changes were undertaken in your immediate working environment since you have been working for this business. During this time ...</p> <p>If self-employed/freelance (AX103=4,5) and longer duration of employment (AX112≤2013,999997,999998): Please tell me now whether the following changes were undertaken in your company in the last two years. In the last two years ...</p> <p>If self-employed/freelance (AX103=4,5) and short duration of employment (AX112>2013): Please tell me now whether the following changes were undertaken in your company in the last two years since you started operating it. During this time ...</p> <p>AX116_1: ... has there been significant restructuring or reorganisation that affected your immediate work environment?</p>
Concept	Company, company restructuring

Tab. 10.32 Job cuts/layoffs last 2 years (AX116_2)

Variable label	Job cuts/layoffs last 2 years
Variable name	AX116_2
Values	1 yes 2 no
Question	<p>Introduction to AX116: If dependent employee/independent contractor (AX103=1,2,3,6,7,8,999997,999998) and longer duration of employment (AX112≤2013,999997,999998): Please tell me now whether the following changes were undertaken in your immediate working environment in the last two years. In the last two years ...</p> <p>If dependent employee/independent contractor (AX103=1,2,3,6,7,8,999997,999998) and short duration of employment (AX112>2013): Please tell me now whether the following changes were undertaken in your immediate working environment since you have been working for this</p>

	<p>business. During this time ...</p> <p>If self-employed/freelance (AX103=4,5) and longer duration of employment (AX112≤2013,999997,999998): Please tell me now whether the following changes were undertaken in your company in the last two years. In the last two years ...</p> <p>If self-employed/freelance (AX103=4,5) and short duration of employment (AX112>2013): Please tell me now whether the following changes were undertaken in your company in the last two years since you started operating it. During this time ...</p> <p>AX116_2: ... were there jobs being cut or layoffs?</p>
Concept	Company, company restructuring

Tab. 10.33 Worries_future unemployment/going out of business/ending independent contract work (AX117)

Variable label	Worries_future unemployment/going out of business/ending independent contract work
Variable name	AX117
Values	1 yes 2 no 3 do not want to be taken over
Question	<p>If dependent employee (AX103=1,2,3,7,8,999997,999998): Are you worried about becoming unemployed in the near future?</p> <p>If self-employed/freelance (AX103=4,5): Are you worried that you have to close your business in the near future?</p> <p>If independent contractor/freelance (AX103=6): Are you worried that your freelance work at the company you mainly work will end in the near future?</p>
Concept	Company, job security

Tab. 10.34 Existence of works council/employee organisation (AX118)

Variable label	Existence of works council/employee organisation
Variable name	AX118
Values	1 yes 2 no
Question	<p>If not independent contractor/freelancer (AX103≠6): Does an employee organisation, a works council, or a staff council exist in the company you work for?</p> <p>If independent contractor/freelance (AX103=6): Does an employee organisation, a works council, or a staff council exist in the company you mainly work for?</p>

Filter question	If dependent employee/independent contractor (AX103=1,2,3,6,7,8,999997,999998) and not in private household (AX113=1,2,3,4,5,6,999997,999998)
Concept	Company, works council

Tab. 10.35 Leading position (AX119)

Variable label	Leading position
Variable name	AX119
Values	1 yes 2 no
Question	Are there any employees for whom you are the direct superior?
Concept	Superiors

Tab. 10.36 Number of directly subordinate employees (AX120)

Variable label	Number of directly subordinate employees
Variable name	AX120
Values	0 to 1,600
Question	And how many people are there?
Filter question	If leading position (AX119=1)
Concept	Superiors

Tab. 10.37 Working in a standing position (AX500_1)

Variable label	Working in a standing position
Variable name	AX500_1
Values	1 often 2 sometimes 3 seldom 4 never
Question	I will now read out a series of working conditions. Please tell me for each case whether this happens often, sometimes, seldom, or never in your occupation as [Tätigkeit_T1]. 1: working in a standing position. Does this happen often, sometimes, seldom, or never?
Concept	Working conditions, physical demands

Tab. 10.38 Lifting and carrying heavy loads (AX500_2)

Variable label	Lifting and carrying heavy loads
Variable name	AX500_2
Values	1 often 2 sometimes 3 seldom 4 never

Question	I will now read out a series of working conditions. Please tell me for each case whether this happens often, sometimes, seldom, or never in your occupation as [Tätigkeit_T1]. 2: lifting and carrying loads of more than [if male: 20kg]/[if female: 10kg].
Instructions for interviewers	Read out responses if required
Concept	Working conditions, physical demands

Tab. 10.39 Cold, heat, moisture, dampness, draughts (AX500_3)

Variable label	Cold, heat, moisture, dampness, draughts
Variable name	AX500_3
Values	1 often 2 sometimes 3 seldom 4 never
Question	I will now read out a series of working conditions. Please tell me for each case whether this happens often, sometimes, seldom, or never in your occupation as [Tätigkeit_T1]. 3: work exposed to cold, heat, moisture, dampness, or draughts.
Instructions for interviewers	Read out responses if required
Concept	Working conditions, physical demands

Tab. 10.40 Kneeling, bending, overhead (AX500_4)

Variable label	Kneeling, bending, overhead
Variable name	AX500_4
Values	1 often 2 sometimes 3 seldom 4 never
Question	I will now read out a series of working conditions. Please tell me for each case whether this happens often, sometimes, seldom, or never in your occupation as [Tätigkeit_T1]. 4: work in a bending, squatting, kneeling or recumbent position, or overhead.
Instructions for interviewers	Read out responses if required
Concept	Working conditions, physical demands

Tab. 10.41 Harsh, bad, insufficient lighting (AX500_5)

Variable label	Harsh, bad, insufficient lighting
Variable name	AX500_5

Values	1 often 2 sometimes 3 seldom 4 never
Question	I will now read out a series of working conditions. Please tell me for each case whether this happens often, sometimes, seldom, or never in your occupation as [Tätigkeit_T1]. 5: work under harsh, bad, or insufficient lighting.
Instructions for interviewers	Read out responses if required
Concept	Working conditions, physical demands

Tab. 10.42 Noise (AX500_6)

Variable label	Noise
Variable name	AX500_6
Values	1 often 2 sometimes 3 seldom 4 never
Question	I will now read out a series of working conditions. Please tell me for each case whether this happens often, sometimes, seldom, or never in your occupation as [Tätigkeit_T1]. 6: work in noisy conditions.
Instructions for interviewers	Read out responses if required
Concept	Working conditions, physical demands

Tab. 10.43 Work execution prescribed (AX415_1)

Variable label	Work execution prescribed
Variable name	AX415_1
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that the work execution is prescribed down to the last detail? Is it often, sometimes, seldom, or never?
Concept	Working conditions, autonomy and decision-making

Tab. 10.44 Planning and scheduling own work (AX415_2)

Variable label	Planning and scheduling own work
Variable name	AX415_2
Values	1 often 2 sometimes 3 seldom 4 never

Question	How often does it happen that you can plan and schedule your work yourself?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, autonomy and decision-making

Tab. 10.45 Influence the workload (AX415_3)

Variable label	Influence the workload
Variable name	AX415_3
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen that you can influence the workload assigned to you?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, autonomy and decision-making
Source	based on BIBB/BAuA Employment Survey 2012 – Rohrbach-Schmidt and Hall, 2013, and Copenhagen Psychosocial Questionnaire (COPSOQ) – Nübling et al., 2005

Tab. 10.46 Own decision over when to take breaks (AX415_4)

Variable label	Own decision over when to take breaks
Variable name	AX415_4
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that you can decide when to take a break?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, autonomy and decision-making
Source	based on BIBB/BAuA Employment Survey 2012 – Rohrbach-Schmidt and Hall, 2013, and Copenhagen Psychosocial Questionnaire (COPSOQ) – Nübling et al., 2005

Tab. 10.47 Influence over the nature of tasks (AX415_5)

Variable label	Influence over the nature of tasks
Variable name	AX415_5

Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen that you have influence over which work-related tasks you carry out?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, autonomy and decision-making
Source	based on Copenhagen Psychosocial Questionnaire (COPSOQ) – Nübling et al., 2005

Tab. 10.48 Contractually agreed-upon weekly working hours (AX200)

Variable label	Contractually agreed-upon weekly working hours
Variable name	AX200
Values	3.5 to 85.0 999996 no agreed-upon weekly working hours
Additional details	Hours per week, one decimal place. Validated by follow-up question at >48h. Programming: value range 1–85.
Question	What are the weekly working hours in your occupation as [Tätigkeit_T1] according to the contractual agreement with your employer, excluding overtime?
Instructions for interviewers	A week can include Saturdays and Sundays, e.g., in the food service industry. Please only state what is agreed-upon as weekly working hours in the contract, i.e., without overtime, extra work, etc. For teachers, the agreed-upon weekly working hours refer to the teaching load.
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Duration working time, length

Tab. 10.49 Average actual weekly working hours (AX201)

Variable label	Average actual weekly working hours
Variable name	AX201
Values	1 to 120 999996 irregular working hours
Additional details	Hours per week. Validated by follow-up questions: - at >60h (AX201_1a) - if actual working time exceeds agreed-upon working time by more than 20% (AX202_1). Programming: value range 1–120.
Question	How many hours do you actually work on average per week in this employment – including regular overtime, extra work, emergency-response duty, etc.?

Instructions for interviewers	If target person can only specify a range of “from to hours”, please enter the average value
Concept	Duration working time, length

Tab. 10.50 Weekly working hours last week (AX202)

Variable label	Weekly working hours last week
Variable name	AX202
Values	1 to 119
Additional details	Hours per week. Validated by follow-up questions: - at >60h (AX201_1b) - if actual working time exceeds agreed-upon working time by more than 20% (AX202_1). Programming: value range 1–120.
Question	How many hours did you work in this employment last week?
Instructions for interviewers	If target person can only specify a range of “from to hours”, please enter the average value
Filter question	If average weekly working hours unclear (AX201=999996,999997,999998)
Concept	Duration working time, length

Tab. 10.51 Part-time position (AX203a)

Variable label	Part-time position
Variable name	AX203a
Values	1 yes 2 no
Question	Is this a part-time position?
Filter question	If weekly working hours <35h (AX201<35 or AX202<35, only valid values in each case)
Concept	Form of employment, part-time/full-time

Tab. 10.52 Full-time position (AX203b)

Variable label	Full-time position
Variable name	AX203b
Values	1 yes 2 no
Question	Is this a full-time position?
Filter question	If weekly working hours ≥35h (AX201≥35 or AX202≥35, only valid values in each case)
Concept	Form of employment, part-time/full-time

Tab. 10.53 Semi-retirement scheme (AX204)

Variable label	Semi-retirement scheme
Variable name	AX204
Values	1 yes 2 no
Question	Are you currently participating in a semi-retirement scheme?
Filter question	If age>54 (AXS2>54)

Tab. 10.54 Main reason for part-time work (AX205)

Variable label	Main reason for part-time work
Variable name	AX205
Values	1 no full-time position available 2 longer working hours not possible due to vocational training/apprenticeship or career development/further training 3 longer working hours not possible due to sickness or results of an accident 4 longer working hours not possible due to other personal or family-related commitments 5 other reasons
Additional details	Original response categories: 1: no full-time position available 2: longer working hours not possible due to vocational training/apprenticeship or career development/further training 3: longer working hours not possible due to sickness or results of an accident 4: longer working hours not possible due to other personal or family-related commitments like caring for children or other persons in need of care 5: other reasons
Question	What is the reason you work part-time in your occupation as [Tätigkeit_T1]? If there are several reasons, please tell me the main reason.
Filter question	If part-time (AX203a=1 or AX203b=2)

Tab. 10.55 Compensation for overtime_payment (AX206_1)

Variable label	Compensation for overtime_payment
Variable name	AX206_1
Values	1 yes 2 no
Question	If information for average week (AX201) available: During an average week, you work [AX201 minus AX200] hours more than is contractually agreed-upon with your employer. How are you compensated for your extra work or overtime? Please tell me which of the following options applies to you:

	<p>Are these hours partly or fully ...</p> <p>If information from last week is available instead (AX201=999996,999997,999998): You indicated that you worked [AX202 minus AX200] hours more during the past week than is contractually agreed-upon with your employer. How are you compensated for your extra work or overtime? Please tell me which of the following options applies to you: Are these hours partly or fully ...</p> <p>1: paid out?</p>
Instructions for interviewers	<p>For teachers, the agreed-upon weekly working hours refer to the teaching load. However, the actual weekly working hours of teachers also include working time for preparing and following up on lessons, both of which are done at home to some extent. Accordingly, hours spent by teachers on preparing and following up on lessons are typically not understood as extra work or overtime.</p>
Filter question	<p>If actual working time exceeds contractually agreed-upon working time ((AX201>AX200 and AX201<999996 and AX200<999996) or (AX202>AX200 and AX202<999997 and AX200<999996))</p>

Tab. 10.56 Compensation for overtime_time off (AX206_2)

Variable label	Compensation for overtime_time off
Variable name	AX206_2
Values	1 yes 2 no
Question	<p>If information for average week (AX201) available: During an average week, you work [AX201 minus AX200] hours more than is contractually agreed-upon with your employer. How are you compensated for your extra work or overtime? Please tell me which of the following options applies to you: Are these hours partly or fully ...</p> <p>If information from last week is available instead (AX201=999996,999997,999998): You indicated that you worked [AX202 minus AX200] hours more during the past week than is contractually agreed-upon with your employer. How are you compensated for your extra work or overtime? Please tell me which of the following options applies to you: Are these hours partly or fully ...</p> <p>2: compensated for with time off?</p>

Instructions for interviewers	For teachers, the agreed-upon weekly working hours refer to the teaching load. However, the actual weekly working hours of teachers also include working time for preparing and following up on lessons, both of which are done at home to some extent. Accordingly, hours spent by teachers on preparing and following up on lessons are typically not understood as extra work or overtime.
Filter question	If actual working time exceeds contractually agreed-upon working time ((AX201>AX200 and AX201<999996 and AX200<999996) or (AX202>AX200 and AX202<999997 and AX200<999996))

Tab. 10.57 Compensation for overtime_uncompensated (AX206_3)

Variable label	Compensation for overtime_uncompensated
Variable name	AX206_3
Values	1 yes 2 no
Question	<p>If information for average week (AX201) available: During an average week, you work [AX201 minus AX200] hours more than is contractually agreed-upon with your employer. How are you compensated for your extra work or overtime? Please tell me which of the following options applies to you: Are these hours partly or fully ...</p> <p>If information from last week is available instead (AX201=999996,999997,999998): You indicated that you worked [AX202 minus AX200] hours more during the past week than is contractually agreed-upon with your employer. How are you compensated for your extra work or overtime? Please tell me which of the following options applies to you: Are these hours partly or fully ...</p> <p>3: or are these hours not compensated?</p>
Instructions for interviewers	For teachers, the agreed-upon weekly working hours refer to the teaching load. However, the actual weekly working hours of teachers also include working time for preparing and following up on lessons, both of which are done at home to some extent. Accordingly, hours spent by teachers on preparing and following up on lessons are typically not understood as extra work or overtime.
Filter question	If actual working time exceeds contractually agreed-upon working time ((AX201>AX200 and AX201<999996 and AX200<999996) or (AX202>AX200 and AX202<999997 and AX200<999996))

Tab. 10.58 Amount of uncompensated overtime (AX207)

Variable label	Amount of uncompensated overtime
Variable name	AX207
Values	0.0 to 62.0
Additional details	Hours, one decimal place. If overtime is not compensated for (AX206_3=1 and AX206_1=2,999997,999998 and AX206_2=2,999997,999998), AX207 was automatically filled with [AX201 minus AX200] or [AX202 minus AX200], respectively.
Question	If information for average week (AX201) available: What do you think how many of the [AX201 minus AX200] hours that you work overtime or extra on average per week are not compensated for? If information from last week is available instead (AX201=999996,999997,999998): What do you think how many of the [AX202 minus AX200] hours that you worked overtime or extra on during the past week are not compensated for?
Filter question	If there is overtime that is not compensated for (AX206_3=1)
Concept	Overtime

Tab. 10.59 Main reason for overtime (AX208)

Variable label	Main reason for overtime
Variable name	AX208
Values	1 company requirements, e.g., mandated overtime or longer scheduled working hours 2 work not manageable in the contractually agreed-upon weekly working hours 3 fun at work 4 other company-specific reasons 5 personal reasons, e.g., additional income
Question	Can you tell me the main reason why your average real weekly working hours are higher than the weekly working hours agreed-upon with your employer?
Filter question	If actual working time is 10% over the contractual working time ((AX201 divided by AX200)>=1,1 and AX201<999995) or (AX202 divided by AX200)>= 1,1 and AX202<999997))

Tab. 10.60 Preferred weekly working hours (AX209)

Variable label	Preferred weekly working hours
Variable name	AX209
Values	1.0 to 95.0 999996 the same hours as right now

Additional details	Hours per week, one decimal place
Question	If you could choose the length of your working time freely while taking into account that your earnings would change according to your working time: How many hours per week would you most like to work?
Concept	Duration working time, working time preferences

Tab. 10.61 Number of working days per week (AX210)

Variable label	Number of working days per week
Variable name	AX210
Values	1.0 to 7.0 999995 implausible value 999996 varies strongly
Additional details	Days per week, one decimal place. Programming: value range 1 to 7. Values larger than 7.0 were coded as an implausible value (999995).
Question	How many days per week do you normally work in your occupation as [Tätigkeit_T1]?
Concept	Duration working time, working days

Tab. 10.62 Influence: starting/finishing work (AX211)

Variable label	Influence: starting/finishing work
Variable name	AX211
Values	1 very little influence 2 3 4 5 very strong influence
Question	How much influence do you have on when you start and finish your working day? For your rating, please use a scale of 1 to 5. One means "very little influence" and five means "very strong influence". Use the intermediate values to weigh your rating.
Instructions for interviewers	Read out response categories if required
Concept	Flexibility, autonomy in terms of hours
Source	based on autonomy in terms of hours (control over work time) – Valcour, 2007, based on Thomas and Ganster, 1995

Tab. 10.63 Fixed schedule for starting work (AX212)

Variable label	Fixed schedule for starting work
Variable name	AX212
Values	1 yes 2 no

Question	If dependent employee (AX103=1,2,3,7,8,999997,999998): Is the time you start work fixed by your employer? If self-employed/freelance/independent contractor (AX103=4,5,6): Do you have a fixed schedule for starting work?
Concept	Flexibility, fixed schedule for starting/finishing work

Tab. 10.64 Fixed schedule for finishing work (AX213)

Variable label	Fixed schedule for finishing work
Variable name	AX213
Values	1 yes 2 no
Question	If dependent employee (AX103=1,2,3,7,8,999997,999998): Is the time you finish work fixed by your employer? If self-employed/freelance/independent contractor (AX103=4,5,6): Do you have a fixed schedule for finishing work?
Concept	Flexibility, fixed schedule for starting/finishing work

Tab. 10.65 Flexitime (AX215)

Variable label	Flexitime
Variable name	AX215
Values	1 yes 2 no 999996 there are no fixed working time regulations
Question	Do you work a flexible schedule?
Concept	Flexibility, flexitime

Tab. 10.66 Core hours (AX214)

Variable label	Core hours
Variable name	AX214
Values	1 yes 2 no
Question	Must you – with some exceptions – adhere to working during core hours?
Filter question	If flexitime is not ruled out (AX215=1,999996,999997,999998)

Tab. 10.67 Working time normally between 7am and 7pm (AX217)

Variable label	Working time normally between 7am and 7pm
Variable name	AX217
Values	1 yes 2 no
Question	Is your working time normally between 7am and 7pm?
Concept	Working time model

Tab. 10.68 Typical working day: working time starts (time in decimal hours) (AX218)

Variable label	Typical working day: working time starts (time in decimal hours)
Variable name	AX218
Values	0.00 to 24.00 999996 varies strongly/changing
Additional details	... start, decimal hours, two decimal places. Programming: value range 0 to 24.
Question	If you think of a typical working day, what time do you start your work?
Concept	Working time model

Tab. 10.69 Typical working day: working time finishes (time in decimal hours) (AX219)

Variable label	Typical working day: working time finishes (time in decimal hours)
Variable name	AX219
Values	0.00 to 24.00 999995 implausible value 999996 varies strongly/changing
Additional details	... end of the clock, decimal hours, two decimal places. Values larger than 24.00 were coded as implausible values (999995).
Question	And at what time do you finish working on a typical day?
Concept	Working time model

Tab. 10.70 Shift work (AX220)

Variable label	Shift work
Variable name	AX220
Values	1 yes 2 no
Question	Do you work in shifts?
Filter question	If working time is not normally between 7am and 7pm (AX217=2,999997,999998)
Concept	Working time model, shift work

Tab. 10.71 Shift work_hours (AX221)

Variable label	Shift work_hours
Variable name	AX221
Values	1 early shift only 2 late shift only 3 night shift only 4 alternating shifts 5 other
Additional details	Response category 5 was not read out.
Question	What shifts do you work in your occupation as [Tätigkeit T1]?
Filter question	If shift work (AX220=1)
Concept	Working time model, shift work

Tab. 10.72 Alternating shift_hours (AX224)

Variable label	Alternating shift_hours
Variable name	AX224
Values	1 early and late shift 2 early and night shift 3 late and night shift 4 early, late, and night shift 5 day and night shift (12-hours shifts) 6 other
Question	What shifts are these?
Instructions for interviewers	Read out responses only if required
Filter question	When alternating shift (AX221=4)
Concept	Working time model, shift work

Tab. 10.73 Alternating shift_rotation type (AX225)

Variable label	Alternating shift_rotation type
Variable name	AX225
Values	1 rotation type early, late, night shift 2 rotation type night, late, early shift 3 irregular
Question	Is the pattern of your shifts from early to late followed by the night shifts, or is it the other way around, or is the pattern alternating or irregular?
Filter question	If three shifts (AX224=4)
Concept	Working time model, shift work

Tab. 10.74 Shift work number of years_coarsened (AX226_anzj_vgr)

Variable label	Shift work number of years_coarsened
Variable name	AX226_anzj_vgr
Values	0 to 45 999995 over 45 years
Additional details	Generated from year (AX226) and interview date. Topcoding: (46 THRU 150 = 999995) Validated by follow-up question if target person is very young (AX226 – year age from (S2) ≤14) based on this information.
Question	AX226: Since when have you been working in shifts? Please tell me the year.
Filter question	If shift work (AX220=1)
Concept	Working time model, shift work

Tab. 10.75 Night work number of years_coarsened (AX227_anzj_vgr)

Variable label	Night work number of years_coarsened
Variable name	AX227_anzj_vgr
Values	0 to 45 999995 over 45 years
Additional details	Generated from year (AX227) and interview date. Topcoding: (46 THRU 150 = 999995) Validated by follow-up question if target person is very young (AX227 – year age from (S2) <18) based on this information.
Question	AX227: Since when have you been working night shifts? Please tell me the year.
Filter question	If working night shifts (AX221=3 or AX224=2,3,4,5)
Concept	Working time model, shift work

Tab. 10.76 Number of night shifts per month (AX228)

Variable label	Number of night shifts per month
Variable name	AX228
Values	1 to 30 999995 less than once a month 999996 it changes, I cannot say
Additional details	Programming: value range 1 to 31
Question	How many night shifts do you work per month on average?
Filter question	If working night shifts (AX221=3 or AX224=2,3,4,5)
Concept	Working time model, shift work

Tab. 10.77 Number of consecutive night shifts (AX229)

Variable label	Number of consecutive night shifts
Variable name	AX229
Values	1 to 30
Additional details	Programming: value range 1 to 31
Question	How many consecutive night shifts do you normally work?
Instructions for interviewers	If only individual night shifts are worked, enter "1"
Filter question	If working night shifts (AX221=3 or AX224=2,3,4,5)
Concept	Working time model, shift work

Tab. 10.78 Saturday work (AX230)

Variable label	Saturday work
Variable name	AX230
Values	1 yes 2 no
Question	Do you work – if only occasionally – on Saturdays?
Concept	Working time model, Saturday work

Tab. 10.79 Saturday work _frequency per month (AX231)

Variable label	Saturday work _frequency per month
Variable name	AX231
Values	0 to 5 999994 every Saturday 999995 less than once a month 999996 it varies, cannot say
Additional details	Programming: value range 0 to 5
Question	On average, how many Saturdays do you work per month?
Filter question	If Saturday work (AX230=1)
Concept	Working time model, Saturday work

Tab. 10.80 Working on Sundays and public holidays (AX232)

Variable label	Working on Sundays and public holidays
Variable name	AX232
Values	1 yes 2 no
Question	Do you work – if only occasionally – on Sundays and public holidays?
Concept	Working time model, working on Sundays and public holidays

Tab. 10.81 Working on Sundays and public holidays_frequency per month (AX233)

Variable label	Working on Sundays and public holidays_frequency per month
Variable name	AX233
Values	0 to 6 999994 every Sunday and public holiday 999995 less than once a month 999996 it varies, cannot say
Additional details	Programming: value range 0 to 6
Question	On average, how many Sundays and public holidays do you work per month?
Filter question	If working on Sundays and public holidays (AX232=1)
Concept	Working time model, working on Sundays and public holidays

Tab. 10.82 Emergency-response duty (AX234_1)

Variable label	Emergency-response duty
Variable name	AX234_1
Values	0 not stated 1 stated
Question	Do you perform emergency-response duty, on-call duty, or on-demand duty in your occupation as [Tätigkeit_T1]? 1: yes, emergency-response duty
Instructions for interviewers	Emergency-response duty means that the employer determines the employee's location, who must be ready to work immediately or promptly, if required. On-call duty means there is work only in exceptional cases. The employee must be ready to start working as soon as possible but can choose his location freely within this framework. When performing on-demand duty, there is a contractual agreement between the employee and the employer that the working time model (starting and/or finishing work) is subject to demand on the day (or week or month).
Concept	Working time model, emergency-response and on-call duties

Tab. 10.83 On-call duty (AX234_2)

Variable label	On-call duty
Variable name	AX234_2
Values	0 not stated 1 stated
Question	Do you perform emergency-response duty, on-call duty, or on-demand duty in your occupation as [Tätigkeit_T1]? 2: yes, on-call duty

Instructions for interviewers	<p>Emergency-response duty means that the employer determines the employee's location, who must be ready to work immediately or promptly, if required.</p> <p>On-call duty means there is work only in exceptional cases. The employee must be ready to start working as soon as possible but can choose his location freely within this framework.</p> <p>When performing on-demand duty, there is a contractual agreement between the employee and the employer that the working time model (starting and/or finishing work) is subject to demand on the day (or week or month).</p>
Concept	Working time model, emergency-response and on-call duties

Tab. 10.84 On-demand duty (AX234_3)

Variable label	On-demand duty
Variable name	AX234_3
Values	0 not stated 1 stated
Question	Do you perform emergency-response duty, on-call duty, or on-demand duty in your occupation as [Tätigkeit_T1]? 3: yes, on-demand duty
Instructions for interviewers	<p>Emergency-response duty means that the employer determines the employee's location, who must be ready to work immediately or promptly, if required.</p> <p>On-call duty means there is work only in exceptional cases. The employee must be ready to start working as soon as possible but can choose his location freely within this framework.</p> <p>When performing on-demand duty, there is a contractual agreement between the employee and the employer that the working time model (starting and/or finishing work) is subject to demand on the day (or week or month).</p>
Concept	Working time model, emergency-response and on-call duties

Tab. 10.85 No emergency-response duty, on-call duty, or on-demand duty (AX234_4)

Variable label	No emergency-response duty, on-call duty, or on-demand duty
Variable name	AX234_4
Values	0 not stated 1 stated
Question	Do you perform emergency-response duty, on-call duty, or on-demand duty in your occupation as [Tätigkeit_T1]? 4: no

Instructions for interviewers	<p>Emergency-response duty means that the employer determines the employee's location, who must be ready to work immediately or promptly, if required.</p> <p>On-call duty means there is work only in exceptional cases. The employee must be ready to start working as soon as possible but can choose his location freely within this framework.</p> <p>When performing on-demand duty, there is a contractual agreement between the employee and the employer that the working time model (starting and/or finishing work) is subject to demand on the day (or week or month).</p>
Concept	Working time model, emergency-response and on-call duties

Tab. 10.86 AX234_refused (AX234_7)

Variable label	AX234_refused
Variable name	AX234_7
Values	0 not stated 1 stated
Question	Do you perform emergency-response duty, on-call duty, or on-demand duty in your occupation as [Tätigkeit_T1]? 999997: refused
Instructions for interviewers	<p>Emergency-response duty means that the employer determines the employee's location, who must be ready to work immediately or promptly, if required.</p> <p>On-call duty means there is work only in exceptional cases. The employee must be ready to start working as soon as possible but can choose his location freely within this framework.</p> <p>When performing on-demand duty, there is a contractual agreement between the employee and the employer that the working time model (starting and/or finishing work) is subject to demand on the day (or week or month).</p>
Concept	Working time model, emergency-response and on-call duties

Tab. 10.87 AX234_do not know (AX234_8)

Variable label	AX234_do not know
Variable name	AX234_8
Values	0 not stated 1 stated
Question	Do you perform emergency-response duty, on-call duty, or on-demand duty in your occupation as [Tätigkeit_T1]? 999998: do not know
Instructions for interviewers	<p>Emergency-response duty means that the employer determines the employee's location, who must be ready to work immediately or promptly, if required.</p> <p>On-call duty means there is work only in exceptional cases.</p>

	The employee must be ready to start working as soon as possible but can choose his location freely within this framework. When performing on-demand duty, there is a contractual agreement between the employee and the employer that the working time model (starting and/or finishing work) is subject to demand on the day (or week or month).
Concept	Working time model, emergency-response and on-call duties

Tab. 10.88 Emergency-response duty_frequency per month (AX235)

Variable label	Emergency-response duty_frequency per month
Variable name	AX235
Values	1 to 31 999995 every day 999996 few times per year
Additional details	Days per month. Programming: value range 1–31.
Question	On average, how many days per month do you perform emergency-response duty?
Filter question	If emergency-response duty (AX234_1=1)
Concept	Working time model, emergency-response and on-call duties

Tab. 10.89 On-call duty_frequency per month (AX236)

Variable label	On-call duty_frequency per month
Variable name	AX236
Values	1 to 31 999995 every day 999996 few times per year
Additional details	Days per month. Programming: value range 1–31.
Question	On average, how many days per month do you perform on-call duty?
Filter question	If on-call duty (AX234_2=1)
Concept	Working time model, emergency-response and on-call duties

Tab. 10.90 Call-ins during on-call duty_frequency per month (AX237)

Variable label	Call-ins during on-call duty_frequency per month
Variable name	AX237
Values	1 to 31 999995 every day 999996 few times per year
Additional details	Days per month. Programming: value range 1–31.

Question	On how many days per month, when you have on-call duty, are you called in?
Filter question	If on-call duty (AX234_2=1)
Concept	Working time model, emergency-response and on-call duties

Tab. 10.91 On-demand duty_frequency per month (AX238)

Variable label	On-demand duty_frequency per month
Variable name	AX238
Values	1 to 31 999995 every day 999996 few times per year
Additional details	Days per month. Programming: value range 1–31.
Question	On average, how many days per month do you perform on-demand duty?
Filter question	If on-demand duty (AX234_3=1)
Concept	Working time model, emergency-response and on-call duties

Tab. 10.92 Mandatory breaks/interruptions of more than 2 hours (AX239)

Variable label	Mandatory breaks/interruptions of more than 2 hours
Variable name	AX239
Values	1 yes, one 2 yes, several 3 no
Question	If dependent employee (AX103=1,2,3,7,8,999997,999998): On a normal working day, do you have one or several breaks mandated by your employer or interruptions of more than 2 hours in your occupation as [Tätigkeit_T1]? If self-employed/freelance/independent contractor (AX103=4,5,6): On a normal working day, do you have one or several breaks or interruptions of more than 2 hours in your occupation as [Tätigkeit_T1]?
Instructions for interviewers	If required: For instance, do you have a lunch break of more than 2 hours because the company you work for closes from 12pm to 3pm? Do not read out responses.
Concept	Working time model, breaks/interruptions

Tab. 10.93 Commute_average duration per day in minutes (AX240)

Variable label	Commute_average duration per day in minutes
Variable name	AX240
Values	1 to 660 999995 different/changing work locations 999996 no commute, always work from home
Additional details	Minutes per day. Programming: value range 1 to 900.
Question	How many minutes in total does it take you on a typical working day to get to work and back?
Concept	Mobility, commute

Tab. 10.94 Telework/working from home agreement (AX241)

Variable label	Telework/working from home agreement
Variable name	AX241
Values	1 yes 2 no
Question	Do you have a telework or working from home agreement with your employer?
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Off-site work, telework/working from home

Tab. 10.95 Telework/working from home_frequency per week (AX242)

Variable label	Telework/working from home_frequency per week
Variable name	AX242
Values	0.0 to 7.0
Additional details	Days per week, one decimal place. Programming: value range 0 to 7.
Question	On average, how many days per week do you make use of this?
Instructions for interviewers	If required: If a person states that they work from home one day every other week, please enter the response 0.5, when in doubt, an estimate based on a working week is sufficient
Filter question	If telework/working from home was agreed on (AX241=1)
Concept	Off-site work, telework/working from home

Tab. 10.96 Influence: break (AX243_1)

Variable label	Influence: break
Variable name	AX243_1
Values	1 very little influence 2 3 4 5 very strong influence

Question	How much influence do you have on when you take a break? For your rating, please use a scale of 1 to 5. One means “very little influence” and five means “very strong influence”. Use the intermediate values to weigh your rating.
Concept	Flexibility, autonomy in terms of hours

Tab. 10.97 Influence: taking a few hours off (AX243_2)

Variable label	Influence: taking a few hours off
Variable name	AX243_2
Values	1 very little influence 2 3 4 5 very strong influence
Question	How much influence do you have on when to take a few hours off?
Instructions for interviewers	Read out response categories if required
Concept	Flexibility, autonomy in terms of hours
Source	based on autonomy in terms of hours (control over work time) – Valcour, 2007, based on Thomas and Ganster, 1995

Tab. 10.98 Influence: taking time off/taking a few days off (AX243_3)

Variable label	Influence: taking time off/taking a few days off
Variable name	AX243_3
Values	1 very little influence 2 3 4 5 very strong influence
Question	How much influence do you have on when to take time off or take a few days off?
Instructions for interviewers	Read out response categories if required
Concept	Flexibility, autonomy in terms of hours
Source	based on autonomy in terms of hours (control over work time) – Valcour, 2007, based on Thomas and Ganster, 1995

Tab. 10.99 Changes in working hours_frequency (AX300)

Variable label	Changes in working hours_frequency
Variable name	AX300
Values	1 often 2 sometimes 3 seldom 4 hardly ever

Question	How often do your working hours change due to operational requirements – hardly ever, seldom, sometimes, or often?
Instructions for interviewers	Read out response categories if required
Concept	Variability, changes in working time

Tab. 10.100 Changes in working hours_strain (AX301)

Variable label	Changes in working hours_strain
Variable name	AX301
Values	1 yes 2 no
Question	Does this strain you?
Instructions for interviewers	If response is “sometimes”, please enter “yes”
Filter question	If frequent changes to working hours (AX300=1)
Concept	Variability, changes in working time

Tab. 10.101 Changes in working hours_notification (AX302)

Variable label	Changes in working hours_notification
Variable name	AX302
Values	1 on the same day 2 on the previous day 4 up to one week in advance 5 up to two weeks in advance 6 more than two weeks in advance 7 it differs
Question	How far in advance are you typically informed about changes in your working hours?
Instructions for interviewers	Do not read out response categories
Filter question	If frequent changes to working hours (AX300=1)
Concept	Variability, changes in working time

Tab. 10.102 Working time tracking (AX303)

Variable label	Working time tracking
Variable name	AX303
Values	1 recorded by employer 2 recorded by myself 3 not recorded
Question	Is your daily working time recorded by your employer (for example, using computers or a punch clock), recorded by yourself, or not recorded?
Concept	Working time tracking

Tab. 10.103 Working time account (AX304)

Variable label	Working time account
Variable name	AX304
Values	1 yes 2 no
Question	Are your daily working hours credited to a working time account?
Filter question	If working time is recorded (AX303=1,2) and dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working time tracking

Tab. 10.104 Working time account_compensation period (AX305)

Variable label	Working time account_compensation period
Variable name	AX305
Values	1 within one month 2 within six months 3 within one year 4 or do you have more than one year 999996 there is no regulation in place
Question	During which period must you compensate the working hours in your account – within one month, within six months, within one year, or do you have more than one year?
Instructions for interviewers	If required: If the account must be reconciled once a year, e.g., on a cutoff date, enter “within one year”. If the account must not be reconciled, enter “more than one year”. If required: “Compensate” can also mean returning the hours to a specified interval of positive or negative hours.
Filter question	If working time account (AX304=1)

Tab. 10.105 Working time account_disposition (AX306)

Variable label	Working time account_disposition
Variable name	AX306
Values	1 operational reasons 2 the person themselves 3 both to equal parts
Question	Who mainly disposes of the saved funds on your working time account? Are they mainly used for operational reasons or can you dispose of them yourself?
Filter question	If working time account (AX304=1)

Tab. 10.106 Consideration of personal matters when planning working hours (AX307)

Variable label	Consideration of personal matters when planning working hours
Variable name	AX307

Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	We will now turn to some questions on balancing professional and personal demands and interests. I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. I manage to consider interests relating to my family and personal life when planning my working hours.
Concept	Work and personal life, working time management

Tab. 10.107 WFC: thinking about work problems after finishing work (AX309_1)

Variable label	WFC: thinking about work problems after finishing work
Variable name	AX309_1
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	I often think about work problems after finishing work.
Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, work-family conflict
Source	based on Psychological Work-Family Conflict – van Steenbergen et al., 2007, adapted from Carlson and Frone, 2003

Tab. 10.108 WFC: thinking about upcoming things at work after finishing work (AX309_2)

Variable label	WFC: thinking about upcoming things at work after finishing work
Variable name	AX309_2
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	I often think about things I have to deal with in my job after finishing work.

Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, work-family conflict
Source	based on Psychological Work-Family Conflict – van Steenbergen et al., 2007, adapted from Carlson and Frone, 2003

Tab. 10.109 WFC: thinking about planning next work steps after finishing work (AX309_3)

Variable label	WFC: thinking about planning next work steps after finishing work
Variable name	AX309_3
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	I often try to arrange, schedule or perform work-related activities after finishing work.
Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, work-family conflict
Source	based on Psychological Work-Family Conflict – van Steenbergen et al., 2007, adapted from Carlson and Frone, 2003

Tab. 10.110 FWC: thinking about problems in personal life during working time (AX309_4)

Variable label	FWC: thinking about problems in personal life during working time
Variable name	AX309_4
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	When I am at work, I often think about problems in my personal life.
Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, work-family conflict
Source	based on Psychological Work-Family Conflict – van Steenbergen et al., 2007, adapted from Carlson and Frone, 2003

Tab. 10.111 FWC: thinking about upcoming things in personal life during working time (AX309_5)

Variable label	FWC: thinking about upcoming things in personal life during working time
Variable name	AX309_5
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	When I am at work, I often think about things I have to deal with in my personal life.
Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, work-family conflict
Source	based on Psychological Work-Family Conflict – van Steenbergen et al., 2007, adapted from Carlson and Frone, 2003

Tab. 10.112 FWC: thinking about planning next steps in personal life during working time (AX309_6)

Variable label	FWC: thinking about planning next steps in personal life during working time
Variable name	AX309_6
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	When I am at work, I often try to arrange, schedule, and perform personal activities.
Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, work-family conflict
Source	based on Psychological Work-Family Conflict – van Steenbergen et al., 2007, adapted from Carlson and Frone, 2003

Tab. 10.113 Importance: not thinking about work in personal life (AX309_7)

Variable label	Importance: not thinking about work in personal life
Variable name	AX309_7
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly

Question	It is important for me to not have to think about work in my free time.
Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, segmentation preference
Source	based on Kreiner, 2006, from Peters et al., 2014

Tab. 10.114 Importance: separation of work and personal life (AX309_8)

Variable label	Importance: separation of work and personal life
Variable name	AX309_8
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	It is important to me to separate work and personal life.
Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, segmentation preference
Source	based on Kreiner, 2006, from Peters et al., 2014

Tab. 10.115 Importance: keeping work out of my personal life (AX309_9)

Variable label	Importance: keeping work out of my personal life
Variable name	AX309_9
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	It is important to me to keep work-related issues out of my personal life.
Instructions for interviewers	Read out response categories if required
Concept	Work and personal life, segmentation preference
Source	based on Kreiner, 2006, from Peters et al., 2014

Tab. 10.116 Expectation of availability for work-related issues (AX310)

Variable label	Expectation of availability for work-related issues
Variable name	AX310
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly

Question	In my work environment, it is expected of me that I am available for work-related issues in my personal life [if emergency-response duty, on-call duty, on-demand duty (AX234=1,2,3):, excluded from this is paid on-call duty].
Instructions for interviewers	If required: Again, please use a scale of 1 to 5 for your response. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating.
Concept	Work and personal life, availability

Tab. 10.117 Necessity of availability for work-related issues (AX311_1)

Variable label	Necessity of availability for work-related issues
Variable name	AX311_1
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often do you think it is necessary to be available for work-related matters in your free time? Please answer using often, sometimes, seldom, or never.

Tab. 10.118 Reasonableness of availability for work-related issues (AX311_2)

Variable label	Reasonableness of availability for work-related issues
Variable name	AX311_2
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often do you personally think it is reasonable to be available for work-related matters in your free time?

Tab. 10.119 Actual availability for work-related issues (AX311_3)

Variable label	Actual availability for work-related issues
Variable name	AX311_3
Values	1 often 2 sometimes 3 seldom 4 never
Question	And how often are you actually available for work-related issues in your free time?

Tab. 10.120 Being contacted at home about work-related issues (AX312_1)

Variable label	Being contacted at home about work-related issues
Variable name	AX312_1

Values	1 often 2 sometimes 3 seldom 4 never
Question	How often are you contacted at home by staff, colleagues, superiors, or customers [if emergency-response duty, on-call duty, on-demand duty (AX234=1,2,3);, excluded from this is paid on-call duty]?
Instructions for interviewers	Please read out responses if required
Concept	Work and personal life, availability

Tab. 10.121 Being contacted at work about personal issues (AX312_2)

Variable label	Being contacted at work about personal issues
Variable name	AX312_2
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often are you contacted in your workplace by family, friends, and other persons for non-work-related reasons?
Instructions for interviewers	Please read out responses if required
Concept	Work and personal life, availability

Tab. 10.122 Repeating one and the same work step (AX400_1)

Variable label	Repeating one and the same work step
Variable name	AX400_1
Values	1 often 2 sometimes 3 seldom 4 never
Question	I will now read out a number of work demands. Please tell me in each case whether this occurs often, sometimes, seldom, or never in your workplace. How often does it happen in your workplace that one and the same work step is repeated down to the minutest detail?
Instructions for interviewers	Please read out response categories if required

Tab. 10.123 Changing work-related tasks (AX400_2)

Variable label	Changing work-related tasks
Variable name	AX400_2

Values	1 often 2 sometimes 3 seldom 4 never
Question	I will now read out a number of work demands. Please tell me in each case whether this occurs often, sometimes, seldom, or never in your workplace. How often does it happen in your workplace that you have changing, diverse work-related tasks?
Instructions for interviewers	Please read out response categories if required

Tab. 10.124 Strong deadline or performance pressure (AX400_3)

Variable label	Strong deadline or performance pressure
Variable name	AX400_3
Values	1 often 2 sometimes 3 seldom 4 never
Question	I will now read out a number of work demands. Please tell me in each case whether this occurs often, sometimes, seldom, or never in your workplace. How often does it happen in your work that you must work under strong deadline or performance pressure?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, psychological demands

Tab. 10.125 Deadline and performance pressure_lower standards of work quality (AX401)

Variable label	Deadline and performance pressure_lower standards of work quality
Variable name	AX401
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that you have to lower your standards regarding the quality of your work results due to strong deadline and performance pressure?
Instructions for interviewers	Read out response categories if required
Filter question	If frequent deadline and performance pressure (AX400_3=1)

Tab. 10.126 Working very quickly (AX402)

Variable label	Working very quickly
Variable name	AX402
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that you have to work very quickly?
Instructions for interviewers	Read out response categories if required
Concept	Working conditions, psychological demands

Tab. 10.127 Use of modern information and communications technology (AX403)

Variable label	Use of modern information and communications technology
Variable name	AX403
Values	1 yes 2 no
Question	In your workplace, do you use information and communications technology like, e.g., the internet or email, the smartphone?
Instructions for interviewers	Read out responses if required
Concept	Digitalisation and new technologies

Tab. 10.128 Difficulty in managing information (AX404_1)

Variable label	Difficulty in managing information
Variable name	AX404_1
Values	1 often 2 sometimes 3 seldom 4 never
Question	The work-related use of modern communication technology – internet, e-mail, smartphone ... – is often associated with an abundance of information. How often does it happen in your workplace that the amount of information is difficult to deal with? Is it often, sometimes, seldom, or never?
Filter question	If use of information and communications technology (AX403=1)
Concept	Digitalisation and new technologies, psychological demands

Tab. 10.129 Distraction due to amount of information (AX404_2)

Variable label	Distraction due to amount of information
Variable name	AX404_2

Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that the amount of information prevents you from dealing with important work-related tasks?
Instructions for interviewers	Read out response categories if required
Filter question	If use of information and communications technology (AX403=1)
Concept	Working conditions, psychological demands

Tab. 10.130 Hiding emotions (AX404_3)

Variable label	Hiding emotions
Variable name	AX404_3
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that you have to hide your emotions? Is it often, sometimes, seldom, or never?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, psychological demands
Source	based on Copenhagen Psychosocial Questionnaire (COPSOQ) – Nübling et al., 2005 and European Working Conditions Survey 2010 – Eurofound, 2010

Tab. 10.131 Confronting other people's problems (AX404_4)

Variable label	Confronting other people's problems
Variable name	AX404_4
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that you are confronted with other people's problems or distress?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, psychological demands
Source	based on Fuchs, 2004

Tab. 10.132 Simultaneous performance of work processes (AX404_5)

Variable label	Simultaneous performance of work processes
Variable name	AX404_5
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that you have to keep an eye on different work processes or sequences at the same time?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, psychological demands

Tab. 10.133 Interruption by colleagues (AX404_6)

Variable label	Interruption by colleagues
Variable name	AX404_6
Values	1 often 2 sometimes 3 seldom 4 never
Question	How often does it happen in your workplace that your work is disturbed or interrupted, e.g., by colleagues, poor materials, machine malfunctions or phone calls?
Instructions for interviewers	Please read out response categories if required
Concept	Working conditions, psychological demands

Tab. 10.134 Office (AX405)

Variable label	Office
Variable name	AX405
Values	1 yes 2 no
Question	Do you mainly work in an office?
Concept	Working conditions, workplace

Tab. 10.135 Working on a computer: percentage (AX406)

Variable label	Working on a computer: percentage
Variable name	AX406
Values	0 to 100
Question	What percentage of your working time on average do you spend working on a computer?
Instructions for interviewers	If required: An estimate is sufficient

Tab. 10.136 No breaks on working days longer than at least six hours (AX407)

Variable label	No breaks on working days longer than at least six hours
Variable name	AX407
Values	1 yes 2 no 999996 no working days with more than 6 hours
Question	Does it happen often that work breaks are skipped on working days that are longer than 6 hours? This refers to breaks of over 15 minutes.
Filter question	If target person is at least 18 years old
Concept	Working conditions, breaks

Tab. 10.137 No breaks at work (less than 18 years old) (AX408)

Variable label	No breaks at work (less than 18 years old)
Variable name	AX408
Values	1 yes 2 no
Question	Does it happen frequently that breaks are skipped on working days? This refers to breaks of over 15 minutes.
Filter question	If target person is younger than 18 years old
Concept	Working conditions, breaks

Tab. 10.138 Reasons for skipping breaks: too much work (AX409_1)

Variable label	Reasons for skipping breaks: too much work
Variable name	AX409_1
Values	0 not stated 1 stated
Question	Why is that? 1: because you have too much work to do
Filter question	If frequently skipped breaks (AX407=1 or AX408=1)

Tab. 10.139 Reasons for skipping breaks: break does not fit into work processes (AX409_2)

Variable label	Reasons for skipping breaks: break does not fit into work processes
Variable name	AX409_2
Values	0 not stated 1 stated
Question	Why is that? 2: because breaks do not fit into the work processes
Filter question	If frequently skipped breaks (AX407=1 or AX408=1)

Tab. 10.140 Reasons for skipping breaks: prefers not to take breaks (AX409_3)

Variable label	Reasons for skipping breaks: prefers not to take breaks
Variable name	AX409_3
Values	0 not stated 1 stated
Question	Why is that? 3: because you prefer not to take breaks
Filter question	If frequently skipped breaks (AX407=1 or AX408=1)

Tab. 10.141 Reasons for skipping breaks: finishing work earlier (AX409_4)

Variable label	Reasons for skipping breaks: finishing work earlier
Variable name	AX409_4
Values	0 not stated 1 stated
Question	Why is that? 4: because you save up the breaks to finish work earlier
Filter question	If frequently skipped breaks (AX407=1 or AX408=1)

Tab. 10.142 Reasons for skipping breaks: other (AX409_5)

Variable label	Reasons for skipping breaks: other
Variable name	AX409_5
Values	0 not stated 1 stated
Question	Why is that? 5: other
Filter question	If frequently skipped breaks (AX407=1 or AX408=1)

Tab. 10.143 AX409_refused (AX409_7)

Variable label	AX409_refused
Variable name	AX409_7
Values	0 not stated 1 stated
Question	Why is that? 999997: refused
Filter question	If frequently skipped breaks (AX407=1 or AX408=1)

Tab. 10.144 AX409_do not know (AX409_8)

Variable label	AX409_do not know
Variable name	AX409_8
Values	0 not stated 1 stated
Question	Why is that? 999998: do not know
Filter question	If frequently skipped breaks (AX407=1 or AX408=1)

Tab. 10.145 Working on a computer_breaks 5–10 min. per hour (AX410)

Variable label	Working on a computer_breaks 5–10 min. per hour
Variable name	AX410
Values	1 yes 2 no
Question	Do you interrupt working on the computer regularly for other activities that do not involve screens, or take short breaks? This refers to 5–10 minutes per hour.
Filter question	If at least a quarter of working time on a computer (AX406 \geq 25%)

Tab. 10.146 Work on production lines and machines (AX411)

Variable label	Work on production lines and machines
Variable name	AX411
Values	1 yes 2 no
Question	Do you mainly work at production lines and machines?
Filter question	If industrial job and office workplace ruled out (AX113=2 and AX405=2,999997,999998)

Tab. 10.147 Alternating work stations (AX412)

Variable label	Alternating work stations
Variable name	AX412
Values	1 yes 2 no
Question	Does your work involve alternating between different work stations?
Filter question	If work on production lines and machines (AX411=1)

Tab. 10.148 Clock-dependent work (AX413)

Variable label	Clock-dependent work
Variable name	AX413
Values	1 yes 2 no

Question	Is your work often clock-dependant?
Filter question	If work on production lines and machines (AX411=1)

Tab. 10.149 Average cycle time (AX414)

Variable label	Average cycle time
Variable name	AX414
Values	1 to 96 999996 more than 96 minutes
Additional details	Cycle in minutes. Programming: value range 1 to 96.
Question	What is the average cycle time in minutes?
Filter question	If frequent clock-dependant work (AX413=1)

Tab. 10.150 Feel part of a community in the workplace (AX416_1)

Variable label	Feel part of a community in the workplace
Variable name	AX416_1
Values	1 often 2 sometimes 3 seldom 4 never 999996 does not apply
Question	How often does it happen that you feel as a part of a community in your workplace? Is it often, sometimes, seldom, or never?
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions, social support
Source	based on BIBB/BAuA Employment Survey 2012 – Rohrbach-Schmidt and Hall, 2013, and Copenhagen Psychosocial Questionnaire (COPSOQ) – Nübling et al., 2005

Tab. 10.151 Work well with colleagues (AX416_2)

Variable label	Work well with colleagues
Variable name	AX416_2
Values	1 often 2 sometimes 3 seldom 4 never 999996 does not apply
Question	How frequently do you feel you work well together with your colleagues?
Instructions for interviewers	Please read out response categories if required

Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions, social support
Source	based on BIBB/BAuA Employment Survey 2012 – Rohrbach-Schmidt and Hall, 2013, and Copenhagen Psychosocial Questionnaire (COPSOQ) – Nübling et al., 2005

Tab. 10.152 Support from colleagues (AX416_3)

Variable label	Support from colleagues
Variable name	AX416_3
Values	1 often 2 sometimes 3 seldom 4 never 999996 does not apply
Question	How often do you get help and support for your work from your colleagues when you need it?
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions, social support
Source	based on BIBB/BAuA Employment Survey 2012 – Rohrbach-Schmidt and Hall, 2013, and Copenhagen Psychosocial Questionnaire (COPSOQ) – Nübling et al., 2005

Tab. 10.153 Support from superiors (AX416_5)

Variable label	Support from superiors
Variable name	AX416_5
Values	1 often 2 sometimes 3 seldom 4 never 999996 does not apply
Question	How often do you get help and support from your direct superior?
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions, social support
Source	based on BIBB/BAuA Employment Survey 2012 – Rohrbach-Schmidt and Hall, 2013, and Copenhagen Psychosocial Questionnaire (COPSOQ) – Nübling et al., 2005

Tab. 10.154 Superior gives chance to participate (AX416_6)

Variable label	Superior gives chance to participate
Variable name	AX416_6
Values	1 often 2 sometimes 3 seldom 4 never 999996 does not apply
Question	How often does your direct superior give you the chance to participate in shaping and improving your work?
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions, social support

Tab. 10.155 Inconsiderate treatment by superior (AX416_7)

Variable label	Inconsiderate treatment by superior
Variable name	AX416_7
Values	1 often 2 sometimes 3 seldom 4 never 999996 does not apply
Question	How often do you get treated inconsiderately by your direct superior?
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions, social support

Tab. 10.156 Work is allocated fairly in the company (AX417_1)

Variable label	Work is allocated fairly in the company
Variable name	AX417_1
Values	1 to a very small extent 2 3 4 5 to a very large extent
Question	Like before, I will now read out a few statements. Please tell me to what extent a statement applies to you. Please use a scale of 1 to 5 for your response. One means that the statement applies to you only to a very small extent and five means that it applies to a very large extent. Use the intermediate values to weigh your rating. 1: The work in my company is allocated fairly.

Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions

Tab. 10.157 Can express opinions openly in the company (AX417_2)

Variable label	Can express opinions openly in the company
Variable name	AX417_2
Values	1 to a very small extent 2 3 4 5 to a very large extent
Question	Like before, I will now read out a few statements. Please tell me to what extent a statement applies to you. Please use a scale of 1 to 5 for your response. One means that the statement applies to you only to a very small extent and five means that it applies to a very large extent. Use the intermediate values to weigh your rating. 2: In my company, I can express my opinion about tasks and processes openly.
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions

Tab. 10.158 Knowing one's scope of responsibilities (AX417_3)

Variable label	Knowing one's scope of responsibilities
Variable name	AX417_3
Values	1 to a very small extent 2 3 4 5 to a very large extent
Question	Like before, I will now read out a few statements. Please tell me to what extent a statement applies to you. Please use a scale of 1 to 5 for your response. One means that the statement applies to you only to a very small extent and five means that it applies to a very large extent. Use the intermediate values to weigh your rating. 3: I know exactly which tasks fall into my scope of responsibilities.
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions

Tab. 10.159 Knowing what is expected (AX417_4)

Variable label	Knowing what is expected
Variable name	AX417_4
Values	1 to a very small extent 2 3 4 5 to a very large extent
Question	Like before, I will now read out a few statements. Please tell me to what extent a statement applies to you. Please use a scale of 1 to 5 for your response. One means that the statement applies to you only to a very small extent and five means that it applies to a very large extent. Use the intermediate values to weigh your rating. 4: I know exactly what is expected from me at work.
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions

Tab. 10.160 Appropriate recognition for one's work (AX417_5)

Variable label	Appropriate recognition for one's work
Variable name	AX417_5
Values	1 to a very small extent 2 3 4 5 to a very large extent
Question	Like before, I will now read out a few statements. Please tell me to what extent a statement applies to you. Please use a scale of 1 to 5 for your response. One means that the statement applies to you only to a very small extent and five means that it applies to a very large extent. Use the intermediate values to weigh your rating. 5: I receive appropriate recognition for my work.
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions

Tab. 10.161 Work offers career opportunities (AX417_6)

Variable label	Work offers career opportunities
Variable name	AX417_6

Values	1 to a very small extent 2 3 4 5 to a very large extent
Question	Like before, I will now read out a few statements. Please tell me to what extent a statement applies to you. Please use a scale of 1 to 5 for your response. One means that the statement applies to you only to a very small extent and five means that it applies to a very large extent. Use the intermediate values to weigh your rating. 6: My job offers adequate career opportunities.
Instructions for interviewers	Please read out response categories if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Working conditions

Tab. 10.162 Satisfaction: working time (AX501_1)

Variable label	Satisfaction: working time
Variable name	AX501_1
Values	1 very satisfied 2 satisfied 3 less satisfied 4 not satisfied
Question	I will now go into different aspects of your work. Please tell me whether you are very satisfied, satisfied, less satisfied, or not satisfied with these aspects of your occupation as [Tätigkeit_T1]. 1: How satisfied are you with your current working time?
Instructions for interviewers	Read out responses if required
Concept	Satisfaction, work satisfaction

Tab. 10.163 Satisfaction: type/content of occupation (AX501_2)

Variable label	Satisfaction: type/content of occupation
Variable name	AX501_2
Values	1 very satisfied 2 satisfied 3 less satisfied 4 not satisfied
Question	I will now go into different aspects of your work. Please tell me whether you are very satisfied, satisfied, less satisfied, or not satisfied with these aspects of your occupation as [Tätigkeit_T1]. 2: How satisfied are you with the type and content of your occupation?

Instructions for interviewers	Read out responses if required
Concept	Satisfaction, work satisfaction

Tab. 10.164 Satisfaction: superior (AX501_3)

Variable label	Satisfaction: superior
Variable name	AX501_3
Values	1 very satisfied 2 satisfied 3 less satisfied 4 not satisfied
Question	I will now go into different aspects of your work. Please tell me whether you are very satisfied, satisfied, less satisfied, or not satisfied with these aspects of your occupation as [Tätigkeit_T1]. 3: How satisfied are you with your direct superior?
Instructions for interviewers	Read out responses if required
Filter question	If dependent employee (AX103=1,2,3,7,8,999997,999998)
Concept	Satisfaction, work satisfaction

Tab. 10.165 Satisfaction: work overall (AX501_4)

Variable label	Satisfaction: work overall
Variable name	AX501_4
Values	1 very satisfied 2 satisfied 3 less satisfied 4 not satisfied
Question	I will now go into different aspects of your work. Please tell me whether you are very satisfied, satisfied, less satisfied, or not satisfied with these aspects of your occupation as [Tätigkeit_T1]. 4: And how satisfied are you with your work overall?
Instructions for interviewers	Read out responses if required
Concept	Satisfaction, work satisfaction

Tab. 10.166 Satisfaction: balance work and personal life (AX501_5)

Variable label	Satisfaction: balance work and personal life
Variable name	AX501_5
Values	1 very satisfied 2 satisfied 3 less satisfied 4 not satisfied

Question	I will now go into different aspects of your work. Please tell me whether you are very satisfied, satisfied, less satisfied, or not satisfied with these aspects of your occupation as [Tätigkeit_T1]. 5: How satisfied are you with the balance between your work and your personal life?
Instructions for interviewers	Read out responses if required
Concept	Satisfaction, work satisfaction
Source	based on Satisfaction with Work–Family Balance – Valcour, 2007

Tab. 10.167 Demands due to amount of work or workload (AX502)

Variable label	Demands due to amount of work or workload
Variable name	AX502
Values	1 able to cope 2 more over-challenged 3 more under-challenged
Question	With the demands of your job regarding amount of work or workload, do you feel you are ...
Concept	Psychological demands, work intensity

Tab. 10.168 Demands to expertise and skills (AX502a)

Variable label	Demands to expertise and skills
Variable name	AX502a
Values	1 able to cope 2 more over-challenged 3 more under-challenged
Question	And with the demands of your job regarding your expertise and skills, do you feel you are ...
Concept	Psychological demands

Tab. 10.169 Stress and work pressure: development since last year (AX503)

Variable label	Stress and work pressure: development since last year
Variable name	AX503
Values	1 increased 2 decreased 3 remained unchanged
Question	How did stress and work pressure change during the past year? Did they increase, decrease or remain unchanged?
Concept	Psychological demands, work intensity

Tab. 10.170 General state of health (AX504)

Variable label	General state of health
Variable name	AX504
Values	1 very good 2 3 4 5 very bad
Question	How would you describe your general state of health? For your rating, please use a scale of 1 “very good” to 5 “very bad”.
Instructions for interviewers	Read out answers if required. If required: Use the intermediate values to weigh your rating.
Concept	Health

Tab. 10.171 Sleep quality (AX504a)

Variable label	Sleep quality
Variable name	AX504a
Values	1 very good 2 3 4 5 very bad
Question	How would you rate your sleep during the past week? For your rating, please use a scale of 1 to 5. One means very good and five means very bad.
Instructions for interviewers	Read out answers if required. If required: Use the intermediate values to weigh your rating.
Concept	Health, sleep quality
Source	based on Pittsburgh Sleep Quality Index – Buysse et al., 1989

Tab. 10.172 Fatigue (AX504b)

Variable label	Fatigue
Variable name	AX504b
Values	1 not fatigued at all 2 3 4 5 very fatigued
Question	And how fatigued do you currently feel? For your rating, please use a scale of one to five. One means not fatigued at all and five means very fatigued. Use the intermediate values to weigh your rating.

Instructions for interviewers	Please read out responses if required
Concept	Health, fatigue
Source	based on Fatigue – Van Hooff et al., 2007

Tab. 10.173 Assessment of one's work ability (AX505)

Variable label	Assessment of one's work ability
Variable name	AX505
Values	0 unable to work 1 2 3 4 5 6 7 8 9 10 best work ability
Question	If you rate your work ability at its very best with 10 points: How many points would you give your current work ability? 0 means that you are currently unable to work.
Instructions for interviewers	If required: "Work ability" refers to your capacity to do your job well
Concept	Health, work ability
Source	based on Work Ability Index – Tuomi et al., 1998, Hasselhorn and Freude, 2007

Tab. 10.174 Back pain, lower back pain (AX506_1)

Variable label	Back pain, lower back pain
Variable name	AX506_1
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 1: back pain, lower back pain
Concept	Health, health complaints

Tab. 10.175 Neck and shoulder pain (AX506_2)

Variable label	Neck and shoulder pain
Variable name	AX506_2
Values	1 yes 2 no

Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 2: pain in the neck and shoulder region
Concept	Health, health complaints

Tab. 10.176 Headaches (AX506_3)

Variable label	Headaches
Variable name	AX506_3
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 3: headaches
Concept	Health, health complaints

Tab. 10.177 Sleep disorders (AX506_4)

Variable label	Sleep disorders
Variable name	AX506_4
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 4: nighttime sleep disorders
Concept	Health, health complaints

Tab. 10.178 Fatigue, exhaustion (AX506_5)

Variable label	Fatigue, exhaustion
Variable name	AX506_5
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 5: general fatigue, lassitude or exhaustion
Concept	Health, health complaints

Tab. 10.179 Stomach and digestive problems (AX506_6)

Variable label	Stomach and digestive problems
Variable name	AX506_6
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 6: stomach or digestive problems
Concept	Health, health complaints

Tab. 10.180 Hearing loss, noises in ear (AX506_7)

Variable label	Hearing loss, noises in ear
Variable name	AX506_7
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 7: hearing loss, noises in ear
Concept	Health, health complaints

Tab. 10.181 Nervousness, irritability (AX506_8)

Variable label	Nervousness, irritability
Variable name	AX506_8
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 8: nervousness or irritability
Concept	Health, health complaints

Tab. 10.182 Despondency (AX506_9)

Variable label	Despondency
Variable name	AX506_9
Values	1 yes 2 no

Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 9: despondency
Concept	Health, health complaints

Tab. 10.183 Physical exhaustion (AX506_10)

Variable label	Physical exhaustion
Variable name	AX506_10
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 10: physical exhaustion
Concept	Health, health complaints

Tab. 10.184 Emotional exhaustion (AX506_11)

Variable label	Emotional exhaustion
Variable name	AX506_11
Values	1 yes 2 no
Question	The following questions deal with health complaints related to your current employment. Please indicate whether you have frequently experienced the following complaints while at work or on work days during the past 12 months. Please answer with yes or no for each case. 11: emotional exhaustion
Instructions for interviewers	For explaining emotional exhaustion, if required: This means that you frequently feel drained and lethargic.
Concept	Health, health complaints

Tab. 10.185 Exhaustion: getting fit after work (AX508_1)

Variable label	Exhaustion: getting fit after work
Variable name	AX508_1
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly

Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 1: I often need more time to get fit after work than I used to.
Instructions for interviewers	Please read out responses if required
Concept	Health, emotional exhaustion
Source	based on the Oldenburg Burnout Inventory, sub-scale emotional exhaustion – Demerouti et al., 2010

Tab. 10.186 Exhaustion: dealing with job demands (AX508_2)

Variable label	Exhaustion: dealing with job demands
Variable name	AX508_2
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 2: I can handle the demands of my job well.
Instructions for interviewers	Please read out responses if required
Concept	Health, emotional exhaustion
Source	based on the Oldenburg Burnout Inventory, sub-scale emotional exhaustion – Demerouti et al., 2010

Tab. 10.187 Exhaustion: fit for leisure activities after work (AX508_3)

Variable label	Exhaustion: fit for leisure activities after work
Variable name	AX508_3
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly

Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 3: After work, I am typically still fit enough for my leisure activities.
Instructions for interviewers	Please read out responses if required
Concept	Health, emotional exhaustion
Source	based on the Oldenburg Burnout Inventory, sub-scale emotional exhaustion – Demerouti et al., 2010

Tab. 10.188 Exhaustion: strained after work (AX508_4)

Variable label	Exhaustion: strained after work
Variable name	AX508_4
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 4: I typically feel worn out and strained after work.
Instructions for interviewers	Please read out responses if required
Concept	Health, emotional exhaustion
Source	based on the Oldenburg Burnout Inventory, sub-scale emotional exhaustion – Demerouti et al., 2010

Tab. 10.189 Professional self-efficacy: handling unforeseen work situations well (AX508_5)

Variable label	Professional self-efficacy: handling unforeseen work situations well
Variable name	AX508_5
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly

Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 5: When unexpected situations arise at work, I always know how to behave.
Instructions for interviewers	Please read out responses if required
Concept	Health, professional self-efficacy expectations
Source	based on Schyns and von Collani, 2014

Tab. 10.190 Professional self-efficacy: remaining calm faced by difficulties on the job (AX508_7)

Variable label	Professional self-efficacy: remaining calm faced by difficulties on the job
Variable name	AX508_7
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 7: I can remain calm when facing difficulties on the job because I can rely on my abilities.
Instructions for interviewers	Please read out responses if required
Concept	Health, professional self-efficacy expectations
Source	based on Schyns and von Collani, 2014

Tab. 10.191 Professional self-efficacy: ideas for problem-solving at work (AX508_8)

Variable label	Professional self-efficacy: ideas for problem-solving at work
Variable name	AX508_8
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement

	applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 8: When I am confronted with a problem at work, I usually have several ideas how to deal with it.
Instructions for interviewers	Please read out responses if required
Concept	Health, professional self-efficacy expectations
Source	based on Schyns and von Collani, 2014

Tab. 10.192 Professional self-efficacy: able to cope with most job demands (AX508_9)

Variable label	Professional self-efficacy: able to cope with most job demands
Variable name	AX508_9
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly
Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 9: I am able to cope with most demands of my job.
Instructions for interviewers	Please read out responses if required
Concept	Health, professional self-efficacy expectations
Source	based on Schyns and von Collani, 2014

Tab. 10.193 Professional self-efficacy: well-prepared for the future through experience (AX508_11)

Variable label	Professional self-efficacy: well-prepared for the future through experience
Variable name	AX508_11
Values	1 does not apply to me at all 2 3 4 5 applies to me perfectly

Question	I will now read out a few statements and would like to ask you to indicate for each one to what extent the statement applies to you and your situation. For your rating, please use a scale of 1 to 5. One means that the statement does not apply to you at all and five means that it applies to you perfectly. Use the intermediate values to weigh your rating. 11: My past experiences at work have prepared me well for my professional future.
Instructions for interviewers	Please read out responses if required
Concept	Health, professional self-efficacy expectations
Source	based on Schyns and von Collani, 2014

Tab. 10.194 Retirement: desired date (AX509)

Variable label	Retirement: desired date
Variable name	AX509
Values	1 would like to go into retirement early 2 would like to work until reaching the regular retirement age 3 would like to work beyond reaching the regular retirement age
Question	If you could decide freely: Would you like to go into retirement early, would you like to work until reaching the regular retirement age, or would you like to work beyond reaching the regular retirement age?
Instructions for interviewers	Read out responses if required
Filter question	If target person ≥ 50 and ≤ 65 years old
Concept	Work at an older age

Tab. 10.195 Age limit work ability (AX510)

Variable label	Age limit work ability
Variable name	AX510
Values	50 to 100 999995 implausible value
Additional details	Age in years. Values < 50 or > 100 were coded as an implausible value (999995).
Question	What do you think: Up to which age will you be physically and mentally able to continue with your current work?
Filter question	If target person ≥ 50 years old
Concept	Work at an older age

Tab. 10.196 Secondary employment present (AXnt)

Variable label	Secondary employment present
Variable name	AXnt
Values	1 secondary employment(s) present 2 no secondary employment(s) present
Additional details	Generated from information from the screening and number of secondary employments (AX600)
Question	AX600: When we started, you stated that you engage in more than one employment. Apart from your main employment – how many secondary employments do you have?
Instructions for interviewers	AX600: We understand employment as paid work. We do not mean volunteer work or helping neighbours or friends. If required: By main employment, we mean the occupation we have spoken about so far: [Tätigkeit_T1]
Concept	Secondary employment

Tab. 10.197 Total weekly working hours (all employments) (AX601)

Variable label	Total weekly working hours (all employments)
Variable name	AX601
Values	0 to 99
Additional details	Hours per week
Question	If you add up all your jobs – how many hours per week do you work on average?
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.198 SECEMP_1: same occupation: main and secondary employment (AX603_1)

Variable label	SECEMP_1: same occupation: main and secondary employment
Variable name	AX603_1
Values	1 yes 2 no

Question	<p>Introduction to AX602: If one secondary employment (AX600=1): The following questions relate to the secondary employment you are engaged in next to your main employment as [Tätigkeit_T1].</p> <p>If several secondary employments (AX600>1): The following questions relate to the secondary employment you are engaged in next to your main employment as [Tätigkeit_T1], which you spend most of your time on.</p> <p>AX603_1: Do you practice the same occupation in your secondary employment than you do in your main employment?</p>
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.199 SECEMP_2: same occupation: main and secondary employment (AX603_2)

Variable label	SECEMP_2: same occupation: main and secondary employment
Variable name	AX603_2
Question	<p>Introduction to AX602: You stated that you are engaged in additional secondary employments that we haven't talked about yet. The next questions relate to these.</p> <p>AX603_2: Do you practice the same occupation in your secondary employment than you do in your main employment?</p>
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.200 SECEMP_3: same occupation: main and secondary employment (AX603_3)

Variable label	SECEMP_3: same occupation: main and secondary employment
Variable name	AX603_3
Question	<p>Introduction to AX602: You stated that you are engaged in additional secondary employments that we haven't talked about yet. The next questions relate to these.</p> <p>AX603_3: Do you practice the same occupation in your secondary employment than you do in your main employment?</p>
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.201 SECEMP_1: ISCO-08 2-digit groups (AXI08_nt1_2stl)

Variable label	SECEMP_1: ISCO-08 2-digit groups
Variable name	AXI08_nt1_2stl
Values	Values, see Bundesamt für Statistik, 2017. -8 do not know -7 refused -5 not codable
Additional details	Coding of open responses (AX604_1, AX605_1, AX606_1) and, if required, additional information (including occupational position) based on the sub-major groups (2-digit groups) of the International Standard Classification of Occupations of 2008 (ISCO-08). If secondary employments in the same occupation as main employment (AX603_1=1), coding was taken over from the main employment.
Question	AX604_1: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX605_1: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in. AX606_1: Can you be even more specific about this occupation? Does what you do carry another name?
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.202 SECEMP_2: ISCO-08 2-digit groups (AXI08_nt2_2stl)

Variable label	SECEMP_2: ISCO-08 2-digit groups
Variable name	AXI08_nt2_2stl
Values	Values, see Bundesamt für Statistik, 2017. -7 refused -5 not codable
Additional details	Coding of open responses (AX604_2, AX605_2, AX606_2) and, if required, additional information (including occupational position) based on the sub-major groups (2-digit groups) of the International Standard Classification of Occupations of 2008 (ISCO-08). If secondary employments in the same occupation as main employment (AX603_2=1), coding was taken over from the main employment.
Question	AX604_2: What occupation are you currently engaged in in your secondary employment?

	<p>Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_2: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_2: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.203 SECEMP_3: ISCO-08 2-digit groups (AXI08_nt3_2stl)

Variable label	SECEMP_3: ISCO-08 2-digit groups
Variable name	AXI08_nt3_2stl
Values	Values, see Bundesamt für Statistik, 2017
Additional details	<p>Coding of open responses (AX604_3, AX605_3, AX606_3) and, if required, additional information (including occupational position) based on the sub-major groups (2-digit groups) of the International Standard Classification of Occupations of 2008 (ISCO-08).</p> <p>If secondary employments in the same occupation as main employment (AX603_3=1), coding was taken over from the main employment.</p>
Question	<p>AX604_3: What occupation are you currently engaged in in your secondary employment?</p> <p>Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_3: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_3: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.204 SECEMP_1: ISCO-08 3-digit groups (AXI08_nt1_3stl)

Variable label	SECEMP_1: ISCO-08 3-digit groups
Variable name	AXI08_nt1_3stl
Values	Values, see Bundesamt für Statistik, 2017. -8 do not know -7 refused -5 not codable
Additional details	Coding of open responses (AX604_1, AX605_1, AX606_1) and, if required, additional information (including occupational position) based on the minor groups (3-digit groups) of the International Standard Classification of Occupations of 2008 (ISCO-08). If secondary employments in the same occupation as main employment (AX603_1=1), coding was taken over from the main employment.
Question	AX604_1: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX605_1: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in. AX606_1: Can you be even more specific about this occupation? Does what you do carry another name?
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.205 SECEMP_2: ISCO-08 3-digit groups (AXI08_nt2_3stl)

Variable label	SECEMP_2: ISCO-08 3-digit groups
Variable name	AXI08_nt2_3stl
Values	Values, see Bundesamt für Statistik, 2017. -7 refused -5 not codable
Additional details	Coding of open responses (AX604_2, AX605_2, AX606_2) and, if required, additional information (including occupational position) based on the minor groups (3-digit groups) of the International Standard Classification of Occupations of 2008 (ISCO-08). If secondary employments in the same occupation as main employment (AX603_2=1), coding was taken over from the main employment.
Question	AX604_2: What occupation are you currently engaged in in your secondary employment?

	<p>Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_2: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_2: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.206 SECEMP_3: ISCO-08 3-digit groups (AXI08_nt3_3stl)

Variable label	SECEMP_3: ISCO-08 3-digit groups
Variable name	AXI08_nt3_3stl
Values	Values, see Bundesamt für Statistik, 2017
Additional details	<p>Coding of open responses (AX604_3, AX605_3, AX606_3) and, if required, additional information (including occupational position) based on the minor groups (3-digit groups) of the International Standard Classification of Occupations of 2008 (ISCO-08).</p> <p>If secondary employments in the same occupation as main employment (AX603_3=1), coding was taken over from the main employment.</p>
Question	<p>AX604_3: What occupation are you currently engaged in in your secondary employment?</p> <p>Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_3: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_3: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.207 SECEMP_1: KLDB10 2-digit groups (AXKLDB10_nt1_2stl)

Variable label	SECEMP_1: KLDB10 2-digit groups
Variable name	AXKLDB10_nt1_2stl

Values	Values, see Bundesagentur für Arbeit, 2013. -8 do not know -7 refused -5 not codable
Additional details	Coding of open responses (AX604_1, AX605_1, AX606_1) and, if required, additional information (including occupational position) based on the occupational main groups (2-digit groups) of the German Classification of Occupations of 2010 (KldB-10). If secondary employments in the same occupation as main employment (AX603_1=1), coding was taken over from the main employment.
Question	AX604_1: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX605_1: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in. AX606_1: Can you be even more specific about this occupation? Does what you do carry another name?
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.208 SECEMP_2: KLDB10 2-digit groups (AXKLDB10_nt2_2stl)

Variable label	SECEMP_2: KLDB10 2-digit groups
Variable name	AXKLDB10_nt2_2stl
Values	Values, see Bundesagentur für Arbeit, 2013. -7 refused -5 not codable
Additional details	Coding of open responses (AX604_2, AX605_2, AX606_2) and, if required, additional information (including occupational position) based on the occupational main groups (2-digit groups) of the German Classification of Occupations of 2010 (KldB-10). If secondary employments in the same occupation as main employment (AX603_2=1), coding was taken over from the main employment.

Question	<p>AX604_2: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_2: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_2: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.209 SECEMP_3: KLDB10 2-digit groups (AXKLDB10_nt3_2stl)

Variable label	SECEMP_3: KLDB10 2-digit groups
Variable name	AXKLDB10_nt3_2stl
Values	Values, see Bundesagentur für Arbeit, 2013.
Additional details	<p>Coding of open responses (AX604_3, AX605_3, AX606_3) and, if required, additional information (including occupational position) based on the occupational main groups (2-digit groups) of the German Classification of Occupations of 2010 (KldB-10).</p> <p>If secondary employments in the same occupation as main employment (AX603_3=1), coding was taken over from the main employment.</p>
Question	<p>AX604_3: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_3: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_3: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.210 SECEMP_1: KLDB10 3-digit groups (AXKLDB10_nt1_3stl)

Variable label	SECEMP_1: KLDB10 3-digit groups
Variable name	AXKLDB10_nt1_3stl
Values	Values, see Bundesagentur für Arbeit, 2013. -8 do not know -7 refused -5 not codable
Additional details	Coding of open responses (AX604_1, AX605_1, AX606_1) and, if required, additional information (including occupational position) based on the occupational groups (3-digit groups) of the German Classification of Occupations of 2010 (KldB-10). If secondary employments in the same occupation as main employment (AX603_1=1), coding was taken over from the main employment.
Question	AX604_1: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX605_1: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in. AX606_1: Can you be even more specific about this occupation? Does what you do carry another name?
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.211 SECEMP_2: KLDB10 3-digit groups (AXKLDB10_nt2_3stl)

Variable label	SECEMP_2: KLDB10 3-digit groups
Variable name	AXKLDB10_nt2_3stl
Values	Values, see Bundesagentur für Arbeit, 2013. -7 refused -5 not codable
Additional details	Coding of open responses (AX604_2, AX605_2, AX606_2) and, if required, additional information (including occupational position) based on the occupational groups (3-digit groups) of the German Classification of Occupations of 2010 (KldB-10). If secondary employments in the same occupation as main employment (AX603_2=1), coding was taken over from the main employment.
Question	AX604_2: What occupation are you currently engaged in in your secondary employment?

	<p>Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_2: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_2: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.212 SECEMP_3: KLDB10 3-digit groups (AXKLDB10_nt3_3stl)

Variable label	SECEMP_3: KLDB10 3-digit groups
Variable name	AXKLDB10_nt3_3stl
Values	Values, see Bundesagentur für Arbeit, 2013.
Additional details	<p>Coding of open responses (AX604_3, AX605_3, AX606_3) and, if required, additional information (including occupational position) based on the occupational groups (3-digit groups) of the German Classification of Occupations of 2010 (KldB-10).</p> <p>If secondary employments in the same occupation as main employment (AX603_3=1), coding was taken over from the main employment.</p>
Question	<p>AX604_3: What occupation are you currently engaged in in your secondary employment?</p> <p>Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_3: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_3: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.213 SECEMP_1: KLDB10 occupational segments
(AXKLDB10_nt1_segmn)

Variable label	SECEMP_1: KLDB10 occupational segments
Variable name	AXKLDB10_nt1_segmn
Values	<p>-8 do not know -7 refused -5 not codable 11 occupations in agriculture, forestry and horticulture 12 manufacturing occupations 13 occupations concerned with production technology 14 occupations in building and interior construction 21 occupations in the food industry, in gastronomy and in tourism 22 medical and non-medical health care occupations 23 service occupations in social sector and cultural work 31 occupations in commerce and trade 32 occupations in business management and organisation 33 business-related service occupations 41 service occupations in the IT-sector and the natural sciences 51 safety and security occupations 52 occupations in traffic and logistics 53 occupations in cleaning services</p>
Additional details	<p>Assignment of the occupational main groups (two-digit groups) of the German Classification of Occupations of 2010 (AXKLDB10_nt1_2stl) to the occupational segments according to Matthes et al. (2015).</p> <p>Coarsening: (11,12 = 11) (21,22,23,24,28,93 = 12) (25,26,27= 13) (31,32,33,34 = 14) (29,63 = 21) (81,82 = 22) (83,84,91,94 = 23) (61,62 = 31) (71 = 32) (72,73,92 = 33) (41,42,43 = 41) (1,53 = 51) (51,52 = 52) (54 = 53)</p>

Question	<p>AX604_1: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_1: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_1: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.214 SECEMP_2: KLDB10 occupational segments (AXKLDB10_nt2_segms)

Variable label	SECEMP_2: KLDB10 occupational segments
Variable name	AXKLDB10_nt2_segms
Values	<p>-7 refused -5 not codable 11 occupations in agriculture, forestry and horticulture 12 manufacturing occupations 13 occupations concerned with production technology 14 occupations in building and interior construction 21 occupations in the food industry, in gastronomy and in tourism 22 medical and non-medical health care occupations 23 service occupations in social sector and cultural work 31 occupations in commerce and trade 32 occupations in business management and organisation 33 business-related service occupations 41 service occupations in the IT-sector and the natural sciences 51 safety and security occupations 52 occupations in traffic and logistics 53 occupations in cleaning services</p>
Additional details	<p>Assignment of the occupational main groups (two-digit groups) of the German Classification of Occupations of 2010 (AXKLDB10_nt2_2stl) to the occupational segments according to Matthes et al. (2015).</p> <p>Coarsening: (11,12 = 11) (21,22,23,24,28,93 = 12) (25,26,27 = 13) (31,32,33,34 = 14) (29,63 = 21)</p>

	(81,82 = 22) (83,84,91,94 = 23) (61,62 = 31) (71 = 32) (72,73,92 = 33) (41,42,43 = 41) (1,53 = 51) (51,52 = 52) (54 = 53)
Question	AX604_2: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX605_2: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in. AX606_2: Can you be even more specific about this occupation? Does what you do carry another name?
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.215 SECEMP_3: KLDB10 occupational segments (AXKLDB10_nt3_seg)

Variable label	SECEMP_3: KLDB10 occupational segments
Variable name	AXKLDB10_nt3_seg
Values	11 occupations in agriculture, forestry and horticulture 12 manufacturing occupations 13 occupations concerned with production technology 14 occupations in building and interior construction 21 occupations in the food industry, in gastronomy and in tourism 22 medical and non-medical health care occupations 23 service occupations in social sector and cultural work 31 occupations in commerce and trade 32 occupations in business management and organisation 33 business-related service occupations 41 service occupations in the IT-sector and the natural sciences 51 safety and security occupations 52 occupations in traffic and logistics 53 occupations in cleaning services
Additional details	Assignment of the occupational main groups (two-digit groups) of the German Classification of Occupations of 2010 (AXKLDB10_nt3_2stl) to the occupational segments

	<p>according to Matthes et al. (2015).</p> <p>Coarsening: (11,12 = 11) (21,22,23,24,28,93 = 12) (25,26,27= 13) (31,32,33,34 = 14) (29,63 = 21) (81,82 = 22) (83,84,91,94 = 23) (61,62 = 31) (71 = 32) (72,73,92 = 33) (41,42,43 = 41) (1,53 = 51) (51,52 = 52) (54 = 53)</p>
Question	<p>AX604_3: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_3: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_3: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.216 SECEMP_1: KLDB10 occupational sectors (AXKLDB10_nt1_sekt)

Variable label	SECEMP_1: KLDB10 occupational sectors
Variable name	AXKLDB10_nt1_sekt
Values	-8 do not know -7 refused -5 not codable 1 occupations in the production of goods 2 occupations in personal services 3 occupations in business administration and other business related services 4 service occupations in the IT-sector and the natural sciences 5 other occupations in commercial services
Additional details	Assignment of the occupational segments (AXKLDB10_nt1_segm) to the occupational sectors according to Matthes et al. (2015).

	<p>Coarsening: (11,12,13,14 = 1) (21,22,23 = 2) (31,32,33 = 3) (41 = 4) (51,52,53 = 5) (11,12,13,14 = 1) (21,22,23 = 2) (31,32,33 = 3) (41 = 4) (51,52,53 = 5)</p>
Question	<p>AX604_1: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_1: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_1: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.217 SECEMP_2: KLDB10 occupational sectors (AXKLDB10_nt2_sekt)

Variable label	SECEMP_2: KLDB10 occupational sectors
Variable name	AXKLDB10_nt2_sekt
Values	-7 refused -5 not codable 1 occupations in the production of goods 2 occupations in personal services 3 occupations in business administration and other business related services 4 service occupations in the IT-sector and the natural sciences 5 other occupations in commercial services
Additional details	Assignment of the occupational segments (AXKLDB10_nt2_segm) to the occupational sectors according to Matthes et al. (2015). Coarsening: (11,12,13,14 = 1) (21,22,23 = 2) (31,32,33 = 3) (41 = 4) (51,52,53 = 5)

	(11,12,13,14 = 1) (21,22,23 = 2) (31,32,33 = 3) (41 = 4) (51,52,53 = 5)
Question	AX604_2: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX605_2: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in. AX606_2: Can you be even more specific about this occupation? Does what you do carry another name?
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.218 SECEMP_3: KLDB10 occupational sectors (AXKLDB10_nt3_sekt)

Variable label	SECEMP_3: KLDB10 occupational sectors
Variable name	AXKLDB10_nt3_sekt
Values	1 occupations in the production of goods 2 occupations in personal services 3 occupations in business administration and other business related services 4 service occupations in the IT-sector and the natural sciences 5 other occupations in commercial services
Additional details	Assignment of the occupational segments (AXKLDB10_nt3_segm) to the occupational sectors according to Matthes et al. (2015). Coarsening: (11,12,13,14 = 1) (21,22,23 = 2) (31,32,33 = 3) (41 = 4) (51,52,53 = 5) (11,12,13,14 = 1) (21,22,23 = 2) (31,32,33 = 3) (41 = 4) (51,52,53 = 5)
Question	AX604_3: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not

	<p>mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_3: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_3: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.219 SECEMP_1: KLDB10 5th digit (requirement level) (AXanfniv_nt1)

Variable label	SECEMP_1: KLDB10 5th digit (requirement level)
Variable name	AXanfniv_nt1
Values	<p>-8 do not know</p> <p>-7 refused</p> <p>-5 not codable</p> <p>1 unskilled or semi-skilled activities</p> <p>2 specialist activities</p> <p>3 complex specialist activities</p> <p>4 highly complex tasks</p>
Additional details	<p>Coding of open responses (AX604_1, AX605_1, AX606_1) and, if required, further information (including occupational position) based on the requirement level (5th digit) of the German Classification of Occupations of 2010 (KIdB-10) (Bundesagentur für Arbeit, 2013).</p> <p>If secondary employments in the same occupation as main employment (AX603_1=1), coding was taken over from the main employment.</p>
Question	<p>AX604_1: What occupation are you currently engaged in in your secondary employment?</p> <p>Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in.</p> <p>AX605_1: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in.</p> <p>AX606_1: Can you be even more specific about this occupation? Does what you do carry another name?</p>
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.220 SECEMP_2: KLDB10 5th digit (requirement level) (AXanfniv_nt2)

Variable label	SECEMP_2: KLDB10 5th digit (requirement level)
Variable name	AXanfniv_nt2
Values	-7 refused -5 not codable 1 unskilled or semi-skilled activities 2 specialist activities 3 complex specialist activities 4 highly complex tasks
Additional details	Coding of open responses (AX604_2, AX605_2, AX606_2) and, if required, further information (including occupational position) based on the requirement level (5th digit) of the German Classification of Occupations of 2010 (KldB-10) (Bundesagentur für Arbeit, 2013). If secondary employments in the same occupation as main employment (AX603_2=1), coding was taken over from the main employment.
Question	AX604_2: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX605_2: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in. AX606_2: Can you be even more specific about this occupation? Does what you do carry another name?
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.221 SECEMP_3: KLDB10 5th digit (requirement level) (AXanfniv_nt3)

Variable label	SECEMP_3: KLDB10 5th digit (requirement level)
Variable name	AXanfniv_nt3
Values	1 unskilled or semi-skilled activities 2 specialist activities 3 complex specialist activities 4 highly complex tasks

Additional details	Coding of open responses (AX604_3, AX605_3, AX606_3) and, if required, further information (including occupational position) based on the requirement level (5th digit) of the German Classification of Occupations of 2010 (KldB-10) (Bundesagentur für Arbeit, 2013). If secondary employments in the same occupation as main employment (AX603_3=1), coding was taken over from the main employment.
Question	AX604_3: What occupation are you currently engaged in in your secondary employment? Please give me the exact job title. For instance, not mechanic but car mechanic, not teacher but secondary school teacher. This is not about the occupation you were originally trained for but the employment you are currently engaged in. AX605_3: This information is very important for our investigation. Would you please tell me which occupation you are currently engaged in. AX606_3: Can you be even more specific about this occupation? Does what you do carry another name?
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.222 SECEMP_1: occupational position (AX607_1)

Variable label	SECEMP_1: occupational position
Variable name	AX607_1
Values	1 blue-collar worker (wage earner) 2 white-collar worker (salaried employee) 3 civil servant 4 self-employed person 5 independent professional/freelancer 6 independent contractor/freelancer 7 family worker 8 TP cannot decide between wage earner and salaried employee
Additional details	Response category 8 was not read aloud.
Question	What is your occupational position in your secondary employment as [Employment WET_1]? Are you a(n) ...
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.223 SECEMP_2: occupational position (AX607_2)

Variable label	SECEMP_2: occupational position
Variable name	AX607_2
Values	1 blue-collar worker (wage earner)

	2 white-collar worker (salaried employee) 3 civil servant 4 self-employed person 5 independent professional/freelancer 6 independent contractor/freelancer 7 family worker 8 TP cannot decide between wage earner and salaried employee
Additional details	Response category 8 was not read aloud.
Question	What is your occupational position in your secondary employment as [Employment WET_2]? Are you a(n) ...
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.224 SECEMP_3: occupational position (AX607_3)

Variable label	SECEMP_3: occupational position
Variable name	AX607_3
Values	1 blue-collar worker (wage earner) 2 white-collar worker (salaried employee) 3 civil servant 4 self-employed person 5 independent professional/freelancer 6 independent contractor/freelancer 7 family worker 8 TP cannot decide between wage earner and salaried employee
Additional details	Response category 8 was not read aloud.
Question	What is your occupational position in your secondary employment as [Employment WET_3]? Are you a(n) ...
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.225 SECEMP_1: Level of qualification blue-collar worker (wage earner) (AX104_1)

Variable label	SECEMP_1: Level of qualification blue-collar worker (wage earner)
Variable name	AX104_1
Values	1 semi-skilled worker, labourer, unskilled worker 2 skilled worker, work gang foreperson 3 foreperson, group leader 4 master (craftsperson), site foreperson (wage earner)
Question	Which of the following groups do you belong to? Are you a(n) ...
Filter question	If wage earner in secondary employment (AX607_1=1)
Concept	Secondary employment

Tab. 10.226 SECEMP_2: Level of qualification blue-collar worker (wage earner) (AX104_2)

Variable label	SECEMP_2: Level of qualification blue-collar worker (wage earner)
Variable name	AX104_2
Values	1 semi-skilled worker, labourer, unskilled worker 2 skilled worker, work gang foreperson 3 foreperson, group leader 4 master (craftsperson), site foreperson (wage earner)
Question	Which of the following groups do you belong to? Are you a(n) ...
Filter question	If wage earner in 2nd secondary employment (AX607_2=1)
Concept	Secondary employment

Tab. 10.227 SECEMP_3: Level of qualification blue-collar worker (wage earner) (AX104_3)

Variable label	SECEMP_3: Level of qualification blue-collar worker (wage earner)
Variable name	AX104_3
Values	1 semi-skilled worker, labourer, unskilled worker 2 skilled worker, work gang foreperson 3 foreperson, group leader 4 master (craftsperson), site foreperson (wage earner)
Question	Which of the following groups do you belong to? Are you a(n) ...
Filter question	If wage earner in 3rd secondary employment (AX607_3=1)
Concept	Secondary employment

Tab. 10.228 SECEMP_1: Level of qualification white-collar worker (salaried employee) (AX105_1)

Variable label	SECEMP_1: Level of qualification white-collar worker (salaried employee)
Variable name	AX105_1
Values	1 performing simple tasks 2 performing qualified tasks 3 performing highly qualified tasks
Additional details	Original response categories: 1: performing simple tasks 2: performing qualified tasks, e.g., clerk, accountant, technical draftsperson 3: performing highly qualified tasks, e.g., academic research staff, engineer, department head
Question	Are you a white-collar worker (salaried employee) ...
Instructions for interviewers	Examples of simple tasks include those of shop assistants, cleaners, nursing assistants.

Filter question	If white-collar worker in secondary employment (AX607_1=2,8,999997,999998)
Concept	Secondary employment

Tab. 10.229 SECEMP_2: Level of qualification white-collar worker (salaried employee) (AX105_2)

Variable label	SECEMP_2: Level of qualification white-collar worker (salaried employee)
Variable name	AX105_2
Values	1 performing simple tasks 2 performing qualified tasks 3 performing highly qualified tasks
Additional details	Original response categories: 1: performing simple tasks 2: performing qualified tasks, e.g., clerk, accountant, technical draftsman 3: performing highly qualified tasks, e.g., academic research staff, engineer, department head
Question	Are you a white-collar worker (salaried employee) ...
Instructions for interviewers	Examples of simple tasks include those of shop assistants, cleaners, nursing assistants.
Filter question	If white-collar worker in 2nd secondary employment (AX607_2=2,8,999997,999998)
Concept	Secondary employment

Tab. 10.230 SECEMP_3: Level of qualification white-collar worker (salaried employee) (AX105_3)

Variable label	SECEMP_3: Level of qualification white-collar worker (salaried employee)
Variable name	AX105_3
Values	1 performing simple tasks 2 performing qualified tasks 3 performing highly qualified tasks
Additional details	Original response categories: 1: performing simple tasks 2: performing qualified tasks, e.g., clerk, accountant, technical draftsman 3: performing highly qualified tasks, e.g., academic research staff, engineer, department head
Question	Are you a white-collar worker (salaried employee) ...
Instructions for interviewers	Examples of simple tasks include those of shop assistants, cleaners, nursing assistants.
Filter question	If white-collar worker in 3rd secondary employment (AX607_3=2,8,999997,999998)
Concept	Secondary employment

Tab. 10.231 SECEMP_1: Master (craftsperson), site foreperson (salaried employee) (AX106_1)

Variable label	SECEMP_1: Master (craftsperson), site foreperson (salaried employee)
Variable name	AX106_1
Values	1 yes 2 no
Question	Are you employed as a master (craftsperson) or site foreperson?
Filter question	If employed performing qualified/highly qualified tasks in secondary employment (AX105_1=2,3)
Concept	Secondary employment

Tab. 10.232 SECEMP_2: Master (craftsperson), site foreperson (salaried employee) (AX106_2)

Variable label	SECEMP_2: Master (craftsperson), site foreperson (salaried employee)
Variable name	AX106_2
Values	1 yes 2 no
Question	Are you employed as a master (craftsperson) or site foreperson?
Filter question	If employed performing qualified/highly qualified tasks in 2nd secondary employment (AX105_2=2,3)
Concept	Secondary employment

Tab. 10.233 SECEMP_3: Master (craftsperson), site foreperson (salaried employee) (AX106_3)

Variable label	SECEMP_3: Master (craftsperson), site foreperson (salaried employee)
Variable name	AX106_3
Values	1 yes 2 no
Question	Are you employed as a master (craftsperson) or site foreperson?
Filter question	If employed performing qualified/highly qualified tasks in 3rd secondary employment (AX105_3=2,3)
Concept	Secondary employment

Tab. 10.234 SECEMP_1: Level of qualification civil servants (AX107_1)

Variable label	SECEMP_1: Level of qualification civil servants
Variable name	AX107_1

Values	1 in ordinary service 2 in intermediate service 3 in higher intermediate service 4 in higher service
Question	Are you a civil servant in ordinary, intermediate, higher intermediate, or higher service?
Filter question	If civil servant in secondary employment (AX607_1=3)
Concept	Secondary employment

Tab. 10.235 SECEMP_2: Level of qualification civil servants (AX107_2)

Variable label	SECEMP_2: Level of qualification civil servants
Variable name	AX107_2
Values	1 in ordinary service 2 in intermediate service 3 in higher intermediate service 4 in higher service
Question	Are you a civil servant in ordinary, intermediate, higher intermediate, or higher service?
Filter question	If civil servant in 2nd secondary employment (AX607_2=3)
Concept	Secondary employment

Tab. 10.236 SECEMP_3: Level of qualification civil servants (AX107_3)

Variable label	SECEMP_3: Level of qualification civil servants
Variable name	AX107_3
Values	1 in ordinary service 2 in intermediate service 3 in higher intermediate service 4 in higher service
Question	Are you a civil servant in ordinary, intermediate, higher intermediate, or higher service?
Filter question	If civil servant in 3rd secondary employment (AX607_3=3)
Concept	Secondary employment

Tab. 10.237 SECEMP_1: Self-employed master (craftsperson) (AX108_1)

Variable label	SECEMP_1: Self-employed master (craftsperson)
Variable name	AX108_1
Values	1 yes 2 no
Question	Are you a self-employed master (craftsperson)?
Filter question	If self-employed in secondary employment (AX607_1=4)
Concept	Secondary employment

Tab. 10.238 SECEMP_2: Self-employed master (craftsperson) (AX108_2)

Variable label	SECEMP_2: Self-employed master (craftsperson)
Variable name	AX108_2
Values	1 yes 2 no
Question	Are you a self-employed master (craftsperson)?
Filter question	If self-employed in 2nd secondary employment (AX607_2=4)
Concept	Secondary employment

Tab. 10.239 SECEMP_3: Self-employed master (craftsperson) (AX108_3)

Variable label	SECEMP_3: Self-employed master (craftsperson)
Variable name	AX108_3
Values	1 yes 2 no
Question	Are you a self-employed master (craftsperson)?
Filter question	If self-employed in 3rd secondary employment (AX607_3=4)
Concept	Secondary employment

Tab. 10.240 SECEMP_1: mental and physical activity (AX608_1)

Variable label	SECEMP_1: mental and physical activity
Variable name	AX608_1
Values	1 predominantly mental 2 predominantly physical 3 more or less equally mental and physical
Question	Is your work ...
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.241 SECEMP_2: mental and physical activity (AX608_2)

Variable label	SECEMP_2: mental and physical activity
Variable name	AX608_2
Values	1 predominantly mental 2 predominantly physical 3 more or less equally mental and physical
Question	Is your work ...
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.242 SECEMP_3: mental and physical activity (AX608_3)

Variable label	SECEMP_3: mental and physical activity
Variable name	AX608_3
Values	1 predominantly mental 2 predominantly physical 3 more or less equally mental and physical
Question	Is your work ...
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.243 SECEMP_1: economic sector (AX609_1)

Variable label	SECEMP_1: economic sector
Variable name	AX609_1
Values	1 public service 2 industry 3 trades 4 commerce 5 other services 6 another sector 7 private household
Additional details	Original response categories: If AX607_1=1,2,3,6,7,8,999997,999998: 1: the public service 2: industry 3: craft sector 4: commerce 5: other services If AX607_1=4,5: 6: (or) another sector If AX607_1=1,2,3,6,7,8,999997,999998: 6: (or) another sector If AX607_1=1,2,6,7,8,999997,999998: 7: or is it a private household
Question	If dependent employee (AX607_1=1,2,3,7,8,999997,999998): Is the company that you work for in secondary employment part of ... If self-employed/freelance (AX607_1=4,5): Does your business belong to ... If independent contractor/freelancer (AX607_1=6): Is this company that you work for in secondary employment part of ...
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.244 SECEMP_2: economic sector (AX609_2)

Variable label	SECEMP_2: economic sector
Variable name	AX609_2
Values	1 public service 2 industry 3 trades 4 commerce 5 other services 6 another sector 7 private household
Additional details	Original response categories: If AX607_2=1,2,3,6,7,8,999997,999998: 1: the public service 2: industry 3: craft sector 4: commerce 5: other services If AX607_2=4,5: 6: (or) another sector If AX607_2=1,2,3,6,7,8,999997,999998: 6: (or) another sector If AX607_2=1,2,6,7,8,999997,999998: 7: or is it a private household
Question	If dependent employee (AX607_2=1,2,3,7,8,999997,999998): Is the company that you work for in secondary employment part of ... If self-employed/freelance (AX607_2=4,5): Does your business belong to ... If independent contractor/freelancer (AX607_2=6): Is this company that you work for in secondary employment part of ...
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.245 SECEMP_3: economic sector (AX609_3)

Variable label	SECEMP_3: economic sector
Variable name	AX609_3
Values	1 public service 2 industry 3 trades 4 commerce 5 other services 6 another sector 7 private household
Additional details	Original response categories: If AX607_3=1,2,3,6,7,8,999997,999998: 1: the public service

	2: industry 3: craft sector 4: commerce 5: other services If AX607_3=4,5: 6: (or) another sector If AX607_3=1,2,3,6,7,8,999997,999998: 6: (or) another sector If AX607_3=1,2,6,7,8,999997,999998: 7: or is it a private household
Question	If dependent employee (AX607_3=1,2,3,7,8,999997,999998): Is the company that you work for in secondary employment part of ... If self-employed/freelance (AX607_3=4,5): Does your business belong to ... If independent contractor/freelance (AX607_3=6): Is this company that you work for in secondary employment part of ...
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.246 SECEMP_1: same industry as main employment (AX610_1)

Variable label	SECEMP_1: same industry as main employment
Variable name	AX610_1
Values	1 yes 2 no
Question	Does the company belong to the same industry as the company you work for as your main employment?
Filter question	If secondary employments, excluding in private household (AX609_1=1,2,3,4,5,6,999997,999998)
Concept	Secondary employment

Tab. 10.247 SECEMP_2: same industry as main employment (AX610_2)

Variable label	SECEMP_2: same industry as main employment
Variable name	AX610_2
Values	1 yes 2 no
Question	Does the company belong to the same industry as the company you work for as your main employment?
Filter question	If 2nd secondary employment, excluding in private household (AX609_2=1,2,3,4,5,6,999997,999998)
Concept	Secondary employment

Tab. 10.248 SECEMP_3: same industry as main employment (AX610_3)

Variable label	SECEMP_3: same industry as main employment
Variable name	AX610_3
Values	1 yes 2 no
Question	Does the company belong to the same industry as the company you work for as your main employment?
Filter question	If 3rd secondary employment, excluding in private household (AX609_3=1,2,3,4,5,6,999997,999998)
Concept	Secondary employment

Tab. 10.249 SECEMP_1: industry WZ08 (AXWZ08_nt1)

Variable label	SECEMP_1: industry WZ08
Variable name	AXWZ08_nt1
Values	For values, see Statistisches Bundesamt, 2008. -9 no response -8 do not know -7 refused -5 not codable
Additional details	Coding of open responses (AX611_1) and, if required, further information (including occupational position) according to the divisions of the Classification of Economic Activities of 2008 (WZ2008). If secondary employment in the same industry as the main employment (AX610_1=1), the coding was taken over from the main employment.
Question	AX611_1: What industry does the company belong to? Please tell me as precisely as possible.
Instructions for interviewers	AX611_1: Please specify the exact industry, e.g., "retail" not "commerce", or "hospital" not "public service". Please ask if necessary!
Filter question	If secondary employments, excluding in private household (AX609_1=1,2,3,4,5,6,999997,999998)
Concept	Secondary employment

Tab. 10.250 SECEMP_2: industry WZ08 (AXWZ08_nt2)

Variable label	SECEMP_2: industry WZ08
Variable name	AXWZ08_nt2
Values	For values, see Statistisches Bundesamt, 2008. -8 do not know -7 refused -5 not codable
Additional details	Coding of open responses (AX611_2) and, if required, further information (including occupational position) according to the divisions of the Classification of Economic Activities of 2008 (WZ2008).

	If secondary employment in the same industry as the main employment (AX610_2=1), the coding was taken over from the main employment.
Question	AX611_2: What industry does the company belong to? Please tell me as precisely as possible.
Instructions for interviewers	AX611_2: Please specify the exact industry, e.g., “retail” not “commerce”, or “hospital” not “public service”. Please ask if necessary!
Filter question	If 2nd secondary employment, excluding in private household (AX609_2=1,2,3,4,5,6,999997,999998)
Concept	Secondary employment

Tab. 10.251 SECEMP_3: industry WZ08 (AXWZ08_nt3)

Variable label	SECEMP_3: industry WZ08
Variable name	AXWZ08_nt3
Values	For values, see Statistisches Bundesamt, 2008.
Additional details	Coding of open responses (AX611_3) and, if required, further information (including occupational position) according to the divisions of the Classification of Economic Activities of 2008 (WZ2008). If secondary employment in the same industry as the main employment (AX610_3=1), the coding was taken over from the main employment.
Question	AX611_3: What industry does the company belong to? Please tell me as precisely as possible.
Instructions for interviewers	AX611_3: Please specify the exact industry, e.g., “retail” not “commerce”, or “hospital” not “public service”. Please ask if necessary!
Filter question	If 3rd secondary employment, excluding in private household (AX609_3=1,2,3,4,5,6,999997,999998)
Concept	Secondary employment

Tab. 10.252 SECEMP_1: company size (AX115_1)

Variable label	SECEMP_1: company size
Variable name	AX115_1
Values	1 1 person 2 2 persons 3 3 to 4 persons 4 5 to 9 persons 5 10 to 19 persons 6 20 to 49 persons 7 50 to 99 persons 8 100 to 249 persons 9 250 to 499 persons 10 500 to 999 persons 11 1,000 and more persons

Question	<p>If dependent employee (AX607_1=1,2,3,7,8,999997,999998): How many people are employed in the company you work at, approximately, including yourself, the owner, and trainees/apprentices?</p> <p>If self-employed/freelance (AX607_1=4,5): How many people are employed in your company in total, including yourself and any trainees/apprentices?</p> <p>If independent contractor/freelancer (AX607_1=6): How many people are employed in the company you work at in this secondary employment, approximately, including yourself, the owner, and trainees/apprentices?</p>
Instructions for interviewers	<p>Do not read out response categories.</p> <p>If there are several locations, this refers to the local place of business, facility, or branch</p>
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.253 SECEMP_2: company size (AX115_2)

Variable label	SECEMP_2: company size
Variable name	AX115_2
Values	<p>1 1 person</p> <p>2 2 persons</p> <p>3 3 to 4 persons</p> <p>4 5 to 9 persons</p> <p>5 10 to 19 persons</p> <p>6 20 to 49 persons</p> <p>7 50 to 99 persons</p> <p>8 100 to 249 persons</p> <p>9 250 to 499 persons</p> <p>10 500 to 999 persons</p> <p>11 1,000 and more persons</p>
Question	<p>If dependent employee (AX607_2=1,2,3,7,8,999997,999998): How many people are employed in the company you work at, approximately, including yourself, the owner, and trainees/apprentices?</p> <p>If self-employed/freelance (AX607_2=4,5): How many people are employed in your company in total, including yourself and any trainees/apprentices?</p> <p>If independent contractor/freelancer (AX607_2=6): How many people are employed in the company you work at in this secondary employment, approximately, including yourself, the owner, and trainees/apprentices?</p>
Instructions for interviewers	<p>Do not read out response categories.</p> <p>If there are several locations, this refers to the local place of business, facility, or branch</p>

Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.254 SECEMP_3: company size (AX115_3)

Variable label	SECEMP_3: company size
Variable name	AX115_3
Values	1 1 person 2 2 persons 3 3 to 4 persons 4 5 to 9 persons 5 10 to 19 persons 6 20 to 49 persons 7 50 to 99 persons 8 100 to 249 persons 9 250 to 499 persons 10 500 to 999 persons 11 1,000 and more persons
Question	If dependent employee (AX607_3=1,2,3,7,8,999997,999998): How many people are employed in the company you work at, approximately, including yourself, the owner, and trainees/apprentices? If self-employed/freelance (AX607_3=4,5): How many people are employed in your company in total, including yourself and any trainees/apprentices? If independent contractor/freelancer (AX607_3=6): How many people are employed in the company you work at in this secondary employment, approximately, including yourself, the owner, and trainees/apprentices?
Instructions for interviewers	Do not read out response categories. If there are several locations, this refers to the local place of business, facility, or branch
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.255 SECEMP_1: weekly average working time (AX612_1)

Variable label	SECEMP_1: weekly average working time
Variable name	AX612_1
Values	1 to 120 999996 irregular working hours
Additional details	Hours per week. Programming: value range 1 to 120.
Question	How many hours do you normally work on average per week in this employment – including regular overtime, extra work, emergency-response duty, etc.?

Instructions for interviewers	If target person can only specify a range of “from to hours”, please enter the average value
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.256 SECEMP_2: weekly average working time (AX612_2)

Variable label	SECEMP_2: weekly average working time
Variable name	AX612_2
Values	1 to 40 999996 irregular working hours
Additional details	Hours per week. Programming: value range 1 to 120.
Question	How many hours do you normally work on average per week in this employment – including regular overtime, extra work, emergency-response duty, etc.?
Instructions for interviewers	If target person can only specify a range of “from to hours”, please enter the average value
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.257 SECEMP_3: weekly average working time (AX612_3)

Variable label	SECEMP_3: weekly average working time
Variable name	AX612_3
Values	1 to 30 999996 irregular working hours
Additional details	Hours per week. Programming: value range 1 to 120.
Question	How many hours do you normally work on average per week in this employment – including regular overtime, extra work, emergency-response duty, etc.?
Instructions for interviewers	If target person can only specify a range of “from to hours”, please enter the average value
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.258 SECEMP_1: number of weekdays (AX613_1)

Variable label	SECEMP_1: number of weekdays
Variable name	AX613_1
Values	1.0 to 7.0 999996 irregular
Additional details	Days per week, one decimal place
Question	How many days per week do you normally work in this job?
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.259 SECEMP_2: number of weekdays (AX613_2)

Variable label	SECEMP_2: number of weekdays
Variable name	AX613_2
Values	0.0 to 7.0 999996 irregular
Additional details	Days per week, one decimal place
Question	How many days per week do you normally work in this job?
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.260 SECEMP_3: number of weekdays (AX613_3)

Variable label	SECEMP_3: number of weekdays
Variable name	AX613_3
Values	0.3 to 4.0 999996 irregular
Additional details	Days per week, one decimal place
Question	How many days per week do you normally work in this job?
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.261 SECEMP_1: timing (AX613a_1)

Variable label	SECEMP_1: timing
Variable name	AX613a_1
Values	1 before the main employment 2 after the main employment 3 on the weekend 4 on other free days 5 irregular/changing 6 other
Additional details	Response categories 5 and 6 were not read out.
Question	When do you mainly carry out his other job?
Instructions for interviewers	Please read out response categories 1 to 4. Here, main employment again means the following occupation: [Tätigkeit_T1]
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.262 SECEMP_2: timing (AX613a_2)

Variable label	SECEMP_2: timing
Variable name	AX613a_2

Values	1 before the main employment 2 after the main employment 3 on the weekend 4 on other free days 5 irregular/changing 6 other
Additional details	Response categories 5 and 6 were not read out.
Question	When do you mainly carry out his other job?
Instructions for interviewers	Please read out response categories 1 to 4. Here, main employment again means the following occupation: [Tätigkeit_T1]
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.263 SECEMP_3: timing (AX613a_3)

Variable label	SECEMP_3: timing
Variable name	AX613a_3
Values	1 before the main employment 2 after the main employment 3 on the weekend 4 on other free days 5 irregular/changing 6 other
Additional details	Response categories 5 and 6 were not read out.
Question	When do you mainly carry out his other job?
Instructions for interviewers	Please read out response categories 1 to 4. Here, main employment again means the following occupation: [Tätigkeit_T1]
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.264 SECEMP_1: main reasons for employment (AX614_1)

Variable label	SECEMP_1: main reasons for employment
Variable name	AX614_1
Values	1 earning a living wage 2 additional income 3 fun at work 4 better work-life balance 5 gaining experience 6 building one's own company, becoming self-employed 7 sensible use of available time (e.g., because not more hours are possible in the main employment) 8 support (the job helps a friend or relative) 9 recognition and appreciation for your work 10 other reason

Question	What is the main reason for engaging in this secondary employment?
Filter question	If secondary employment
Concept	Secondary employment

Tab. 10.265 SECEMP_2: main reasons for employment (AX614_2)

Variable label	SECEMP_2: main reasons for employment
Variable name	AX614_2
Values	1 earning a living wage 2 additional income 3 fun at work 4 better work-life balance 5 gaining experience 6 building one's own company, becoming self-employed 7 sensible use of available time (e.g., because not more hours are possible in the main employment) 8 support (the job helps a friend or relative) 9 recognition and appreciation for your work 10 other reason
Question	What is the main reason for engaging in this secondary employment?
Filter question	If 2nd secondary employment
Concept	Secondary employment

Tab. 10.266 SECEMP_3: main reasons for employment (AX614_3)

Variable label	SECEMP_3: main reasons for employment
Variable name	AX614_3
Values	1 earning a living wage 2 additional income 3 fun at work 4 better work-life balance 5 gaining experience 6 building one's own company, becoming self-employed 7 sensible use of available time (e.g., because not more hours are possible in the main employment) 8 support (the job helps a friend or relative) 9 recognition and appreciation for your work 10 other reason
Question	What is the main reason for engaging in this secondary employment?
Filter question	If 3rd secondary employment
Concept	Secondary employment

Tab. 10.267 School-leaving qualification (AX700a)

Variable label	School-leaving qualification
Variable name	AX700a
Values	<p>1 special needs school qualification</p> <p>2 general secondary school qualification/primary school qualification</p> <p>3 polytechnic secondary school (POS) 8th grade qualification (former East German school-leaving qualification)</p> <p>4 extended general secondary school qualification</p> <p>5 intermediate secondary school certificate, entrance qualification for specialised upper secondary school</p> <p>6 polytechnic secondary school (POS) 10th grade qualification (former East German school-leaving qualification)</p> <p>7 entrance qualification for universities of applied sciences</p> <p>8 university entrance qualification</p> <p>9 extended secondary school (EOS) (former East German school-leaving qualification)</p> <p>10 foreign school-leaving qualification</p> <p>11 other school-leaving qualification</p> <p>12 no school-leaving qualification</p>
Additional details	Generated, from question AX700a, AX700b. Information on the equivalence of foreign qualifications from AX700b were transferred to the corresponding categories in AX700a.
Question	<p>AX700a: Lastly, I have few general questions for you. What is your highest general education school-leaving qualification?</p> <p>AX700b: Which German school-leaving qualification does this correspond to?</p>
Instructions for interviewers	<p>AX700a: Have person name the school-leaving qualification. Read out response options only if required. One response only!</p> <p>General education schools are schools, e.g., general secondary school, intermediate secondary school, grammar school, which impart general knowledge in contrast to the specialised knowledge imparted in vocational schools.</p>
Concept	Socio-demographics

Tab. 10.268 Vocational qualification (AX700c)

Variable label	Vocational qualification
Variable name	AX700c
Values	1 apprenticeship – company-based apprenticeship 2 school-based apprenticeship, e.g., vocational or commercial school 3 vocational school, master (craftsperson) school, technical college, vocational academy/college 4 university of applied sciences degree 5 university degree 6 doctorate 7 another qualification 8 no vocational qualification
Question	What is your highest vocational qualification?
Instructions for interviewers	Only read out response categories if required! If required: This refers to professional certifications, general education school-leaving qualifications are not to be recorded here. If required: Vocational qualification does not include traineeships, internships, and vocational preparation, or vocational preparation schemes.
Concept	Socio-demographics

Tab. 10.269 Marital status (AX701)

Variable label	Marital status
Variable name	AX701
Values	1 married 2 single 3 divorced 4 widowed 5 civil partnership
Question	What is your marital status?
Concept	Socio-demographics

Tab. 10.270 Married/civil partnership: living together with partner (AX702)

Variable label	Married/civil partnership: living together with partner
Variable name	AX702
Values	1 yes 2 no
Question	Do you live together with your partner?
Filter question	If married or in civil partnership (AX701=1,5)
Concept	Socio-demographics

Tab. 10.271 Living together with partner (AX703)

Variable label	Living together with partner
Variable name	AX703
Values	1 yes 2 no
Question	Do you live together with a partner?
Filter question	If single, divorced, widowed, or separated (AX701=2,3,4,999997,999998 or AX702=2)
Concept	Socio-demographics

Tab. 10.272 Partner: employment (AX704)

Variable label	Partner: employment
Variable name	AX704
Values	1 yes 2 no
Question	Is your partner currently in employment?
Filter question	If living together with partner (AX702=1 or AX703=1)
Concept	Socio-demographics

Tab. 10.273 Partner: average weekly working hours (AX705)

Variable label	Partner: average weekly working hours
Variable name	AX705
Values	1 to 110 999996 irregular working hours
Additional details	Hours per week. Programming: value range 1 to 120.
Question	How many hours does your partner normally work on average per week – including regular overtime, extra work, emergency-response duty, etc.?
Instructions for interviewers	If target person can only specify a range of “from to hours”, please enter the average value
Filter question	If cohabitating partner is in employment (AX704=1)
Concept	Socio-demographics

Tab. 10.274 Household size_coarsened (AX800_vgr)

Variable label	Household size_coarsened
Variable name	AX800_vgr
Values	1 to 6 999995 more than 6 persons 999996 no permanent residence
Additional details	Generated from household size (AX800). Topcoding: (7 THRU 150 = 999995)

Question	How many persons currently live in your household, including children and yourself?
Instructions for interviewers	If required: All children living in the household, including foster children, stepchildren, and adopted children. If the target person has more than one household, please select the household at the primary residence as the reference point.
Concept	Socio-demographics

Tab. 10.275 Household: persons under the age of 18 (AX803)

Variable label	Household: persons under the age of 18
Variable name	AX803
Values	1 yes 2 no
Question	If target person older than 18: Do children under the age of 18 live in your household? If target person younger than 18: Besides yourself, do other persons under the age of 18 live in your household?
Instructions for interviewers	Do not read out response categories. This includes all persons under the age of 18 in the household.
Filter question	If multi-person household (AX800>1)
Concept	Socio-demographics

Tab. 10.276 Age youngest child (AX804)

Variable label	Age youngest child
Variable name	AX804
Values	1 to 17 999996 child under the age of one
Additional details	Programming: value range 1–17
Question	How old is the youngest child in the household?
Instructions for interviewers	If child is under the age of one, please use button.
Filter question	If persons younger than 18 in the household (AX803=1)
Concept	Socio-demographics

Tab. 10.277 Main employment: gross monthly earnings_coarsened (AX805_vgr)

Variable label	Main employment: gross monthly earnings_coarsened
Variable name	AX805_vgr
Values	1 to 10,000 999995 more than 10,000 euros

Additional details	Generated from main employment: gross monthly earnings (AX805). Topcoding: (10001 THRU 999994 = 999995)
Question	If dependent employee (AX103=1,2,3,7,8,999997,999998): Now on to your gross monthly earnings, i.e., your wage or salary before taxes or social security are deducted. Please do not include child allowance. What are your gross monthly earnings from your main employment as [Tätigkeit_T1]? If independent contractor/freelance (AX103=6): Now on to your gross monthly earnings. We are not talking about your turnover. Please do not include child allowance. What are your gross monthly earnings from your main employment as [Tätigkeit_T1]? If self-employed/freelance (AX103=4,5): Now on to your gross monthly earnings. We are not talking about your business turnover or profit. Please do not include child allowance. What are your gross monthly earnings from your main employment as [Tätigkeit_T1]?
Concept	Socio-demographics

Tab. 10.278 Main employment: monthly gross earnings_follow-up more than/less than 1,500 euros (AX806)

Variable label	Main employment: monthly gross earnings_follow-up more than/less than 1,500 euros
Variable name	AX806
Values	1 yes, less than 1,500 euros 2 no, 1,500 euros and more
Question	Next, would you tell me: Do your gross monthly earnings from your main employment as [Tätigkeit_T1] amount to less than 1,500 euros?
Filter question	If information on gross earnings refused or do not know (AX805=999997,999998)
Concept	Socio-demographics

Tab. 10.279 Main employment: mini or midi-job (AX807)

Variable label	Main employment: mini or midi-job
Variable name	AX807
Values	1 mini-job (income of up to 450 euros) 2 midi-job (income of up to 850 euros) 3 no
Question	Is your main employment a mini-job with a monthly income of up to 450 euros or a midi-job of up to 850 euros?
Instructions for interviewers	Do not read out response categories

Filter question	If gross earnings of less than 1,500 euros (AX806=1,999997,999998)
Concept	Socio-demographics

Tab. 10.280 SECEMP_1: mini or midi-job (AX808_1)

Variable label	SECEMP_1: mini or midi-job
Variable name	AX808_1
Values	1 mini-job (income of up to 450 euros) 2 midi-job (income of up to 850 euros) 3 no
Question	Is your secondary employment as [Employment WET_1] a mini-job with a monthly income of up to 450 euros or a midi-job of up to 850 euros?
Instructions for interviewers	Do not read out response categories
Filter question	If secondary employment
Concept	Socio-demographics

Tab. 10.281 SECEMP_2: mini or midi-job (AX808_2)

Variable label	SECEMP_2: mini or midi-job
Variable name	AX808_2
Values	1 mini-job (income of up to 450 euros) 2 midi-job (income of up to 850 euros) 3 no
Question	Is your secondary employment as [Employment WET_2] a mini-job with a monthly income of up to 450 euros or a midi-job of up to 850 euros?
Instructions for interviewers	Do not read out response categories
Filter question	If 2nd secondary employment
Concept	Socio-demographics

Tab. 10.282 SECEMP_3: mini or midi-job (AX808_3)

Variable label	SECEMP_3: mini or midi-job
Variable name	AX808_3
Values	1 mini-job (income of up to 450 euros) 2 midi-job (income of up to 850 euros) 3 no
Question	Is your secondary employment as [Employment WET_3] a mini-job with a monthly income of up to 450 euros or a midi-job of up to 850 euros?
Instructions for interviewers	Do not read out response categories
Filter question	If 3rd secondary employment
Concept	Socio-demographics

Tab. 10.283 Household income: making ends meet (AX809)

Variable label	Household income: making ends meet
Variable name	AX809
Values	1 very easily 2 3 4 5 with great difficulties
Question	If you think of your household's total monthly income, is your household able make ends meet? For your rating, please use a scale of 1 to 5. One means "very easily" and five means "with great difficulties". Use the intermediate values to weigh your rating.
Instructions for interviewers	Read out response categories if required
Concept	Socio-demographics
Source	based on European Working Conditions Surveys 2010 – Eurofound, 2010

Tab. 10.284 Citizenship_grouped (AX810_2K)

Variable label	Citizenship_grouped
Variable name	AX810_2K
Values	1 German 2 not German
Additional details	Generated from citizenship (AX810, AX810a). It is recorded using a list of countries (AX810, code 71: Germany) and, if required, using additional free-form responses (AX810a). Coarsening: (71=1) (999997=999997) (999998=999998) (ELSE=2)
Question	AX810: What citizenship do you have?
Instructions for interviewers	AX810_a: Please record open response on additional citizenship
Concept	Socio-demographics

Tab. 10.285 Possession of additional citizenship (AX810_1b)

Variable label	Possession of additional citizenship
Variable name	AX810_1b
Values	1 yes 2 no
Question	Do you have another citizenship?
Concept	Socio-demographics

Tab. 10.286 Additional citizenship_grouped (AX810_2_2K)

Variable label	Additional citizenship_grouped
Variable name	AX810_2_2K
Values	1 German 2 not German
Additional details	Generated from another citizenship (AX810_2, AX810_3). It is recorded using a list of countries (AX810_2, Code 71: Germany) and, if required, using additional free-form responses (AX810_3). Coarsening: (71=1) (999997=999997) (999998=999998) (SYSMIS=999999) (ELSE=2)
Question	AX810_2: What other citizenship do you have?
Instructions for interviewers	AX810_3: Please record open response on additional citizenship
Filter question	If additional citizenship present (AX810_1b=1)
Concept	Socio-demographics

Tab. 10.287 Panel participation willingness (AX900)

Variable label	Panel participation willingness
Variable name	AX900
Values	1 TP gives approval 2 TP refuses approval
Additional details	Enquiry about panel participation willingness via telephone

Tab. 10.288 Federal state_coarsened (AXbland_14K)

Variable label	Federal state_coarsened
Variable name	AXbland_14K
Values	1 Baden-Württemberg 2 Bavaria 3 Berlin 4 Brandenburg 5 Hamburg 6 Hesse 7 Mecklenburg–Western Pomerania 8 Lower Saxony and Bremen 9 North Rhine-Westphalia 10 Rhineland-Palatinate and Saarland 11 Saxony 12 Saxony-Anhalt 13 Schleswig-Holstein 14 Thuringia

Additional details	Generated from postal code (AX813, AX814). Coarsening to German federal states, merging of Lower Saxony and Bremen as well as Rhineland-Palatinate and Saarland. Persons who did not provide information on postal code were assigned a filter missing (999999).
Question	AX813: Would you please tell me the postal code of your place of residence? This information is used only to assign the results to certain regions or area types. All data are analysed only in anonymised form. Naturally, the information you provide is voluntary. However, it is important for the success of the study.
Instructions for interviewers	AX813: If target person is only willing to provide less than 5 digits, use the appropriate button. AX814: Enter the first 4, 3, 2, or the first postal code as specified by the TP.
Concept	Socio-demographics

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