

DIW Berlin / SOEP (Ed.)

Research Report

SOEP-Core v37 - PGEN: Person-related status and generated variables

SOEP Survey Papers, No. 1186

Provided in Cooperation with:

German Institute for Economic Research (DIW Berlin)

Suggested Citation: DIW Berlin / SOEP (Ed.) (2022) : SOEP-Core v37 - PGEN: Person-related status and generated variables, SOEP Survey Papers, No. 1186, Deutsches Institut für Wirtschaftsforschung (DIW), Berlin

This Version is available at:

<https://hdl.handle.net/10419/263199>

Standard-Nutzungsbedingungen:

Die Dokumente auf EconStor dürfen zu eigenen wissenschaftlichen Zwecken und zum Privatgebrauch gespeichert und kopiert werden.

Sie dürfen die Dokumente nicht für öffentliche oder kommerzielle Zwecke vervielfältigen, öffentlich ausstellen, öffentlich zugänglich machen, vertreiben oder anderweitig nutzen.

Sofern die Verfasser die Dokumente unter Open-Content-Lizenzen (insbesondere CC-Lizenzen) zur Verfügung gestellt haben sollten, gelten abweichend von diesen Nutzungsbedingungen die in der dort genannten Lizenz gewährten Nutzungsrechte.

Terms of use:

Documents in EconStor may be saved and copied for your personal and scholarly purposes.

You are not to copy documents for public or commercial purposes, to exhibit the documents publicly, to make them publicly available on the internet, or to distribute or otherwise use the documents in public.

If the documents have been made available under an Open Content Licence (especially Creative Commons Licences), you may exercise further usage rights as specified in the indicated licence.



<https://creativecommons.org/licenses/by-sa/4.0/>

1186²⁰²²

SOEP Survey Papers
Series D – Variable Descriptions and Coding

SOEP-Core v37 – PGEN: Person-Related Status and Generated Variables

SOEP Group

Running since 1984, the German Socio-Economic Panel (SOEP) is a wide-ranging representative longitudinal study of private households, located at the German Institute for Economic Research, DIW Berlin.

The aim of the SOEP Survey Papers Series is to thoroughly document the survey's data collection and data processing. The SOEP Survey Papers is comprised of the following series:

Series A – Survey Instruments (Erhebungsinstrumente)
Series B – Survey Reports (Methodenberichte)
Series C – Data Documentation (Datendokumentationen)
Series D – Variable Descriptions and Coding
Series E – SOEPmonitors
Series F – SOEP Newsletters
Series G – General Issues and Teaching Materials

The SOEP Survey Papers are available at <http://www.diw.de/soepsurveyspapers>

Editors:

Dr. Jan Goebel, DIW Berlin
Prof. Dr. Stefan Liebig, DIW Berlin and Freie Universität Berlin
Prof. Dr. David Richter, DIW Berlin and Freie Universität Berlin
Prof. Dr. Carsten Schröder, DIW Berlin and Freie Universität Berlin
Prof. Dr. Jürgen Schupp, DIW Berlin and Freie Universität Berlin
Prof. Dr. Sabine Zinn, DIW Berlin and Humboldt-Universität zu Berlin

Please cite this paper as follows:

SOEP Group, 2022. SOEP-Core v37 – PGEN: Person-Related Status and Generated Variables.

SOEP Survey Papers 1186: Series D – Variable Descriptions and Coding. Berlin: DIW Berlin/SOEP



This work is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.

© 2022 by SOEP

ISSN: 2193-5580 (online)

DIW Berlin
German Socio-Economic Panel (SOEP)
Mohrenstr. 58
10117 Berlin
Germany

soeppapers@diw.de

SOEP-Core v37 – PGEN: Person-Related Status and Generated Variables

SOEP Group

2022

The file pgen is part of a collection, which is released with doi:[10.5684/soep.core.v37o](https://doi.org/10.5684/soep.core.v37o).

Contents

1	General Information	5
2	Identifiers	5
	pid – Never Changing Person ID	5
	hid – Current Wave HH Number	5
	cid – Original Household Number, Case ID	5
	syear – Survey Year	5
3	Own Nationality and Residential Status	6
	pgnation – 1. Nationality	6
	pgstatus_asyl – Status quo, Application for Asylum	7
	pgstatus_refu – Refugee residence status	7
4	Family Status and Partnership	8
	pgpartz – Partner Indicator	8
	pgpartnr – Partner Person Number	8
	pgfamstd – Marital Status In Survey Year	9
5	Wages and Salary	10
	pglabgro – Current Gross Labor Income in Euro	10
	pgimpgro – Imputation flag for LABGROxx	10
	pglabnet – Current Net Labor Income in Euro	11
	pgimpnet – Imputation flag for LABNETxx	11
	pgsndjob – Current Gross Secondary Income In Euro	12
	pgimpsnd – Imputation Flag For SNDJOBxx	12
	pgsndjob1 – Current Gross Income Secondary Job (1) In Euro	12
	pgsndjob2 – Current Gross Income Secondary Job (2) In Euro	13
	pgsndjob3 – Current Gross Income Secondary Job (3) In Euro	14
	pgimpsnd1 – Imputation flag, Current Gross Income Secondary Job (1)	15
	pgimpsnd2 – Imputation flag, Current Gross Income Secondary Job (2)	15
	pgimpsnd3 – Imputation flag, Current Gross Income Secondary Job (3)	16
6	Current Employment Status	16
	pgstib – Occupational Position	16
	pgemplst – Employment Status	18
	pglfs – Labor Force Status	18
	pgjobch – Occupational Change	20
	pgsndtyp1 – 1. secondary job: Occupational Position	21
	pgsndtyp2 – 1. secondary job: Occupational Position	22
	pgsndtyp3 – 3. secondary job: Occupational Position	22
7	Current Occupation	23
	pgisco88 – Current Occupational Classification (ISCO-88 Com)	23
	pgisco08 – Current Occupational Classification (ISCO-08)	24
	pgkldb92 – Current Occupational Classification (KldB92)	25
	pgkldb2010 – Current Occupational Classification (KldB2010)	26
	pgisei08 – Last Reached Isei Value (International Socio-Economic Index)	27
	pgmps08 – Last Reached Mps Value (Magnitude-Prestige-Skale, Wegener)	28
	pgsiops08 – last reached SIOPS score (stand. internat. occ. prestige scale, Treiman)	29
	pgegp08 – Last Reached Egp Value (Erikson, Goldthorpe, Portocarero)	30

pgisei88 – Last Reached Isei Value (International Socio-Economic Index)	31
pgmps92 – Last Reached Mps Value (Magnitude-Prestige-Skale, Wegener)	32
pgsiops88 – last reached SIOPS score (stand. internat. occ. prestige scale, Treiman)	32
pgegp88 – Last Reached Egp Value (Erikson, Goldthorpe, Portocarero)	33
pgerljob – Working In Occupation Trained For	34
pgausb – Required Training For Job	35
pgerwzeit – Length Of Time With Firm	35
pgtatzeit – Actual Work Time Per Week	37
pgvebzeit – Agreed Upon Work Time Per Week	37
pguebstd – Overtime Per Week	37
pgoeffd – Civil Service	38
pgnace – Industry Occupation [pbra] (NACE Rev. 1.1, Sector)	38
pgnace2 – Industry Occupation [pbra] (NACE Rev. 2, Sector)	39
pgbetr – Size of the Company	40
pgallbet – Core Category Size Of The Company	41
8 Last Occupation	42
pgjobend – Reasons for occupational change	42
9 Employment History	43
pgexpft – Working Experience Full-Time Employment	43
pgexppt – Working Experience Part-Time Employment	44
pgexpue – Unemployment Experience	45
10 Volunteering	46
pghonor1 – First Voluntary Work	46
pghonor2 – Second Voluntary Work	46
pghonor3 – Third Voluntary Work	47
11 School, Higher and Vocational Education	47
pgisced97 – ISCED-1997-Classification	47
pgisced11 – ISCED-2011-Classification	48
pgcasmin – CASMIN Classification	48
pgbilzeit – Amount Of Education Or Training In Years	49
pgpsbil – School-Leaving Degree	50
pgpbil01 – Vocational Degree Received	50
pgpbil02 – College Degree	51
pgpbil03 – No Vocational Degree	52
pgpsbilo – School-Leaving Degree East Germany	52
pgpbilo – Vocational Degree Received East Germany	53
pgpsbila – School-Leaving Degree Outside Germany	53
pgpbila – Vocational Degree Outside Germany	54
pgfield – Field of tertiary education	54
pgdegree – Type of tertiary degree	56
pgtraina – Apprenticeship - two-digit occupation KldB92	58
pgtrainb – Vocational school - two-digit occupation KldB92	60
pgtrainc – Higher vocational school - two-digit occupation KldB92	61
pgtraind – Civil servant training - two-digit occupation KldB92	61
pgfdt_f – Data source FIELD, DEGREE, TRAIN	62
pgbiltch – Change in Education since last survey / last year	62
pgbilttev – Change in Education, total observed period	63

12 Political Attitudes	64
pgpicoriga – Party Identification in Country of Origin	64
pgpicorigb – Party Identified with in Country of Origin	64
pgpicorigc – Party Family of PI in Country of Origin	65
13 Information on the Interview	65
pgmonth – Month Of Interview	65
pgpiyear – Personal Related Survey Year	66
pgmode – Interview Method	66
inputdataset – Source dataset	67

1 General Information

The PGEN-files contain user friendly data on the individual level which are consolidated from different sources in long format. The plausibility is in many respects longitudinally validated, therefore the data here are in most situations superior compared to the data in PL or \$P.

The file contains one row for each person (PID) and surveyyear (SYEAR) (each combination of PID and SYEAR is unique) with a completed personal or youth questionnaire. These are the persons where NETTO in PPFADL has the values 10–17 or 19 which is equivalent for values 1 and 5 in NETT1.

The same content can be found in the wave specific \$PGEN files. The variable names are similar and differ especially in prefixes and suffixes.

In 2017 the file contains information about two special groups of first-time respondent refugee teenagers. First group of 143 respondents (netto 29) is analogous to 2016, part of the household questionnaire and the data are stored in the child dataset. The second group contains 108 individuals of age 16-17 from refugee sample, who received a special questionnaire. These respondents are part of youth dataset JUGENDL and can be identified by the instrument indicator value 73.

From version v34 on, PGAUTONO is not a part of data delivery.

From version v32 on, PGERWTYP is not a part of data delivery. The information related to PGERWTYP categories can be found in the variable(s) PGJOBCH, PGEMPLST, PGLFS.

2 Identifiers

pid – Never Changing Person ID

The central individual identifier across time is PID, which is fixed over time (and of course datasets).

hid – Current Wave HH Number

This identifier groups all persons into households at the time of the most recent wave.

cid – Original Houshold Number, Case ID

The identifier of the household, when it is sampled and selected for interviewing for the first time. The CID is attached to all persons living in this household and all new persons inherit this identifier, when they are born or move in a SOEP household. It is fixed no matter how often a person changes the household in the course of time.

syear – Survey Year

1984	12245
1985	11090
1986	10646
1987	10516
1988	10023
1989	9710
1990	13972
1991	13669

1992	13397
1993	13179
1994	13417
1995	13768
1996	13511
1997	13283
1998	14670
... (7 rows omitted)	150639
2006	22665
2007	21232
2008	19945
2009	21035
2010	27124
2011	29264
2012	28520
2013	31523
2014	28042
2015	27743
2016	29870
2017	33265
2018	30997
2019	30397
2020	31083

3 Own Nationality and Residential Status

pgnation – 1. Nationality

1	Germany	640519
2	Turkey	23509
3	Ex-Yugoslavia	7448
4	Greece	8243
5	Italy	12275
6	Spain	4658
7	Ex-GDR (Country Of Origin Only)	0
10	Austria	1581
11	France	773
12	Benelux	119
13	Denmark	189
14	Great Britain	628
15	Sweden	103
16	Norway	37
17	Finland	104
... (170 rows omitted)		49846
188	Chechnya	43
189	Central African Republic	0
190	Djibouti	0
191	Gabon	0
192	Comoros	0
193	Katar	0

194	Sahara	0
195	Ingushetia	8
196	Kosovo	250
222	Eastern Europe	0
333	Other Unspecified Foreign Country	0
999	ethnic minorities (e.g. Yazidi, Roma)	2
-1	No answer	99
-2	Does not apply	6
-7	Only available in less restricted edition	0

Waves: all

This variable is designed to integrate the information on respondent's nationality for all subsamples. Since some members of Sample B (persons with Turkish, Italian, Spanish, Greek, and Yugoslavian citizenship) received the question items in their own language up to 1995, to carry out an integrated analysis with Sample B, the user must obtain this information from the corresponding \$PAUSL files and add it to the individual data. The variable PGNATION thus offers a variable on nationality for all subsamples.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgstatus_asyl – Status quo, Application for Asylum

1	[de] Schutzstatus zuerkannt (Anerkannter Fluechtling, Asylberechtigt, anderer Schutzstatus)	4999
2	Temporary Suspension of Deportation	513
3	Request to Leave Germany	343
4	Decision Regarding Residential Status Still Open	1948
-1	No answer	103
-2	Does not apply	27316
-5	Not Included In Questionnaire Version	27913
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	687305

This variable provides data on the current status of the application for asylum. The data are obtained by asking respondents if their application for asylum has been approved and if an official decision regarding the application for asylum has been made. Please also see pgstatus_refu and the variable arefbac in the dataset ppfadl.

For more information, contact: Jana Nebelin (Tel. +49 30 89789-319; jnebelin@diw.de)

pgstatus_refu – Refugee residence status

1	In Proceedings	2459
2	[de] Schutzstatus zuerkannt (Asyl, Fluechtlingseigenschaft, Niederlassungserlaubnis, human. Aufnahme, sonst. human. Aufnahme)	6381
3	Temporary Suspension of Deportation	559
4	Other	467
-1	No answer	170
-2	Does not apply	25186
-5	Not Included In Questionnaire Version	27913
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	687305

This variable provides data on the current status of the refugee. The data are obtained by asking respondents for their current residence title. Please also see `pgstatus_asyl` and the variable `arefbck` in the dataset `ppfadl`.

For more information, contact: Jana Nebelin (Tel. +49 30 89789-319; jnebelin@diw.de)

4 Family Status and Partnership

pgpartz – Partner Indicator

0	No partner	235659
1	Spouse, registered partner	448995
2	Partner	62598
3	Probably spouse, registered partner	953
4	Probably partner	1647
5	not clear	588
-1	No answer	0
-2	Does not apply	0
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

The variable `PGPARTZ` generated in the context of the partner identifier (`PGPARTNR`) to describe whether a person in a SOEP household has a partner in that household, and if so, the type of relationship existing between the partners. Relationships with persons outside the SOEP household are not covered by this variable.

To explain the codes:

Code 0 is assigned to all single persons living in households and those with partners outside the household. Codes 1 to 4 describe relationships. To assign Codes 1 and 2, the partnership has to be definable from the perspective of both partners unanimously. If conflicting information exists between partners, the codes 3 or 4 are assigned. If it is unclear whether an individual has no partner or whether she forms a couple with one other household member, we assign the code 5. Registered partnerships (civil unions) for same-sex couples were introduced in Germany in 2001. Though, registered partnerships are legally not equal to marriage, they are listed in the same category.

For more information, contact: Martin Kroh (Tel. +49-30-89789-678)

pgpartnr – Partner Person Number

-1	No answer	0
-2	Does not apply	236238
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

Partner indicators have the purpose of defining couples in SOEP households and thus to make possible analyses on the dyadic level. Persons without spouse and (cohabitating) partner receive a missing code “-2” (=does not apply). Also, the variable PGPARTZ is coded 0, 3, 4, 5 in these cases. In couples, PGPARTNR is the value of the unchanging person ID number (=PID) of the partner. The assignment of the partner ID within households is based on four sources of information: A question in the person-file, that asks (unmarried) respondents to identify their partner in the household (BHPPNR in 2017, PLK0001 in PL), the household matrix reported by the head of household at the beginning of the interview (BHSTELL in 2017, STELL_V1, STELL_V2, STELL_H in PBRUTTO), the partnership biography in the life-history calendar reported by new respondents (see also, biomars), and self-reports on marital status and life events, such as marriage, move in with partner, separation, etc. In unclear cases, due to temporal non-response for instance, we also consider longitudinal information from previous and prospective waves. Moreover, PGPARTNR is self-consistent between two individuals. For analyses of partner relationships, this information can be used to link all persons with their respective partners, and all information on both partners can also be stored in a common dataset.

For more information, contact: Martin Kroh (Tel. +49-30-89789-678)

pgfamstd – Marital Status In Survey Year

1	Married	445292
2	Married, But Separated	16131
3	Single	185495
4	Divorced	52162
5	[de] Verwitwet / Lebenspartner/-in aus eingetragener gleichgeschlechtlicher Partnerschaft verstorben	42632
6	husband/wife abroad	2036
7	Registered Same-Sex Partnership, Living Together	767
8	Registered Same-Sex Partnership, Living Apart	128
-1	No answer	2711
-2	Does not apply	0
-3	Not valid	3078
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	8
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: all

Marital status is describing the institutional status of marriage at the time of the person interview. Marital status is based on information given by the respective person on his or her current relationship as well as on retrospective information about previous relationships asked in the biography questionnaire. Information on marital status when a child was born (provided in the biography information) is not used here, so contradicting information to file BIOBIRTH might still be possible. For those whose partner was identified within the household, marital status is counter-checked with the information given by the partner. Where contradictions can be found, indication of the person information is compiled if reasonable. If no information is available, the indication by position related to head of household is deferred. Remaining contradictions are solved using information on marriage status when a child was born as well as future reports on a given relationship. Marital status is only

available for people, who were interviewed. Data on marital status provided here is generated from and hence consistent with the corresponding BIOMARSY file, although value labels differ between PGFAMSTD and SPELLTYP in BIOMARSY. Note that marital status in a specific wave can be different between data distributions due to consistency checks using up-to-date information from following waves. Because of the newly introduced construction process of BIOMARSY, changes might be more than usual. Above, the partner indicator PGPARTZ supplied here in dataset PGEN as well might not match the information provided in PGFAMSTD in its entirety.

For more information, contact: Paul Schmelzer (Tel. +49-30-89789-526, pschmelzer@diw.de)

5 Wages and Salary

pglabgro – Current Gross Labor Income in Euro

-2	Does not apply	306313
-5	Not Included In Questionnaire Version	5286
-7	Only available in less restricted edition	0

Waves: all

The variable PGLABGRO represents the imputed gross labor income in the previous month generated for all SOEP respondents who are employed in a main job in each respective wave. Interviewees should consider overtime payments but no irregular one-time payments such as holiday or bonuses. Income details are consistently provided in euros for all waves. Item nonresponse is imputed in a two-stage procedure: first, with the “Row-and-Column” method of Little und Su (1989) using individual longitudinal data as well as cross-sectional trend data (cf. Joachim R. Frick and Markus M. Grabka (2005): Item-Non-Response on Income Questions in Panel surveys: Incidence, Imputation and the Impact on the Income Distribution. Allgemeines Statistisches Archiv (ASTA) 89, 49-61). Alternatively, if no individual longitudinal information is available, we base the imputation on a regression using different Mincer covariates, also taking into account current net labor income. If both types of income information are lacking, first we impute current net labor income and then current gross labor income. Imputed values are flagged (PGIMPGRO).

The corresponding variables in file PL are PLC0013_V1 and PLC0013_V2. The original variables coming from the \$P files are: ap3301, bp4301, cp5201, dp4401, ep4401, fp4501, gp4301, hp5401, ip5401, jp5401, kp6401, lp5301, mp4701, np5401, op4501, pp6001, qp5601, rp5701, sp5801, tp7601, up5901, vp7101, wp5901, xp7301, yp6801, zp7201, bap6101, bbp7301, bcp5901, bdp7701, bep5701, bfp10201, bgp8101, bhp_97_01.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgimpgro – Imputation flag for LABGROxx

0	Not imputed	393049
1	Imputed	45792
-1	No answer	0
-2	Does not apply	306313
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	5286
-6	Questionnaire Version With Modified Filter	0

-7 Only available in less restricted edition 0

Waves: all

The variable PGIMPGRO designates imputations of item non-response in the variable PG-LABGRO (current gross labor income). The value -2 (does not apply) can be interpreted as “not working”.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pglabnet – Current Net Labor Income in Euro

-2 Does not apply 306314
 -5 Not Included In Questionnaire Version 5286
 -7 Only available in less restricted edition 0

Waves: all

The variable PGLABNET represents the imputed net labor income in the previous month in a main job of all persons in SOEP working in the respective wave. Interviewees should consider overtime payments but no irregular one-time payments such as holiday or bonuses. Income details are consistently provided in euros for all waves. The imputation of item non-response takes place in a two-stage procedure: first, with the “Row-and- Column” method of Little und Su (1989) using individual longitudinal data as well as cross-sectional trend data (cf. Joachim R. Frick and Markus M. Grabka (2005): Item-Non-Response on Income Questions in Panel surveys: Incidence, Imputation and the Impact on the Income Distribution. Allgemeines Statistisches Archiv (ASTA) 89, 49-61). Alternatively, if no individual longitudinal information is available, we base the imputation on a regression using different Mincer covariates, also taking into account current gross labor income. If both types of income information are lacking, first we impute current gross labor income and then current net labor income.

Imputed values are flagged (PGIMPNET).

The corresponding variables in file PL are PLC0014_V1 and PLC0014_V2. The original variables coming from the \$P files are: ap3302, bp4302, cp5202, dp4402, ep4402, fp4502, gp4302, hp5402, ip5402, jp5402, kp6402, lp5302, mp4702, np5402, op4502, pp6002, qp5602, rp5702, sp5802, tp7602, up5902, vp7102, wp5902, xp7302, yp6802, zp7202, bap6102, bbp7302, bcp5902, bdp7702, bep5702, bfp10202, bgp8102, bhp_97_02.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgimpnet – Imputation flag for LABNETxx

0 Not imputed 406251
 1 Imputed 32589
 -1 No answer 0
 -2 Does not apply 306314
 -3 Not valid 0
 -4 Forbidden Multiple Response 0
 -5 Not Included In Questionnaire Version 5286
 -6 Questionnaire Version With Modified Filter 0
 -7 Only available in less restricted edition 0

Waves: all

The variable PGIMPNET designates imputations of item non-response in the variable PGLABNET (current net labor income). The value -2 (does not apply) can be interpreted as “not working”.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgsndjob – Current Gross Secondary Income In Euro

-2	Does not apply	447641
-5	Not Included In Questionnaire Version	271845
-7	Only available in less restricted edition	0

Waves: 1995-2016

The variable PGSNDJOB represents the imputed current gross labor income from second job generated for all SOEP respondents in each respective wave. Income details are consistently provided in euros for all waves. Item nonresponse is imputed in a two-stage procedure: first, with the “Row-and-Column” method of Little und Su (1989) using individual longitudinal data as well as cross-sectional trend data (cf. Joachim R. Frick and Markus M. Grabka (2005): Item-Non-Response on Income Questions in Panel surveys: Incidence, Imputation and the Impact on the Income Distribution. Allgemeines Statistisches Archiv (ASTA) 89, 49–61). Alternatively, if no individual longitudinal information is available, we base the imputation on a regression using a subset of different Mincer covariates. Information about gross income from second job is firstly asked in wave 1995 (L). In 2013 information about income from second jobs was not collected for sub-sample M. We use information from the the subsequent survey year (2013) about income from second job in the previous year (variable BEP2C03). If persons from the sub-sample M stated that he/she had income in the previous year from second jobs, then PGIMPSND in year 2013 was set to -1 and PGSNDJOB had been imputed. Imputed values are flagged (PGIMPSND).

The corresponding variables in file PL are PLC0062_V1 and PLC0062_V2. The original variables coming from the \$P files are: lp7702, mp5802, np5802, op4902, pp6602, qp6302, rp6602, sp6602, tp8402, up67, vp79, wp70, xp81, yp76, zp78, bap69, bbp79, bcp67, bdp85, bep64, bfp113, bgp97.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgimpsnd – Imputation Flag For SNDJOBxx

0	Not imputed	27842
1	Imputed	3112
-2	Does not apply	447641
-5	Not Included In Questionnaire Version	271845
-7	Only available in less restricted edition	0

Waves: 1995-2016

The variable PGIMPSND designates imputations of itemnonresponse in the variable PGSNDJOB\$\$ (current gross labor income from second job). The value -2 (does not apply) can be interpreted as “not working”.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgsndjob1 – Current Gross Income Secondary Job (1) In Euro

0	467
1	2
2	2
3	2
4	3
5	5
7	2
8	2
9	1
10	23
11	1
12	9
14	1
15	16
16	5
... (465 rows omitted)	6487
6500	3
7000	4
7700	1
7898	1
8000	2
9000	3
10000	1
12500	2
13000	1
15000	1
45000	1
100000	1
-2 Does not apply	97994
-5 Not Included In Questionnaire Version	645397
-7 Only available in less restricted edition	0

Waves: all

The variable PGSNDJOB1 represents the imputed gross labor income from a first side job. This information is collected for the first time since 2017. Item nonresponse is imputed in a two-stage procedure: first, with the “Row-and-Column” method of Little und Su (1989) using individual longitudinal data as well as cross-sectional trend data. Alternatively, if no individual longitudinal information is available, we base the imputation on a regression using different Mincer covariates. Imputed values are flagged (PGIMPSNDJOB1).

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgsndjob2 – Current Gross Income Secondary Job (2) In Euro

0	131
2	1
3	1
5	4
6	1
7	2
8	1

10	8
12	1
14	1
15	8
16	3
18	1
19	1
20	17
... (133 rows omitted)	791
1600	2
1667	1
1700	1
1800	1
2000	6
2500	1
2950	1
3000	3
3900	1
4000	2
6115	1
20000	1
-2 Does not apply	104050
-5 Not Included In Questionnaire Version	645397
-7 Only available in less restricted edition	0

Waves: 2017–

The variable PGSNDJOB2 represents the imputed gross labor income from a first side job. This information is collected for the first time since 2017. Item nonresponse is imputed in a two-stage procedure: first, with the “Row-and-Column” method of Little und Su (1989) using individual longitudinal data as well as cross-sectional trend data. Alternatively, if no individual longitudinal information is available, we base the imputation on a regression using different Mincer covariates. Imputed values are flagged (PGIMPSNDJOB2).

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgsndjob3 – Current Gross Income Secondary Job (3) In Euro

0	33
1	1
2	2
10	1
12	1
13	1
15	4
20	7
24	1
25	2
30	5
32	1
35	1
40	8

45	1
... (45 rows omitted)	142
1200	2
1400	1
1500	1
1667	1
1800	1
2000	2
3689	1
4000	1
5000	1
10000	1
25000	1
305611	1
-2 Does not apply	104818
-5 Not Included In Questionnaire Version	645397
-7 Only available in less restricted edition	0

Waves: 2017–

The variable PGSNDJOB3 represents the imputed gross labor income from a first side job. This information is collected for the first time since 2017. Item nonresponse is imputed in a two-stage procedure: first, with the “Row-and-Column” method of Little und Su (1989) using individual longitudinal data as well as cross-sectional trend data. Alternatively, if no individual longitudinal information is available, we base the imputation on a regression using different Mincer covariates. Imputed values are flagged (PGIMPSNDJOB3).

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgimpsnd1 – Imputation flag, Current Gross Income Secondary Job (1)

0 Not imputed	6893
1 Imputed	156
-1 No answer	0
-2 Does not apply	97994
-3 Not valid	0
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	645397
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	0

Waves: 2017–

The variable PGIMSND1 designates imputations of item non-response in the variable PGSNDJOB1 (current gross labor income from a side job).

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgimpsnd2 – Imputation flag, Current Gross Income Secondary Job (2)

0 Not imputed	965
1 Imputed	28

-1	No answer	0
-2	Does not apply	104050
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	645397
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: 2017–

The variable PGIMSND2 designates imputations of item non-response in the variable PGSND-JOB2 (current gross labor income from a side job).

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgimsnd3 – Imputation flag, Current Gross Income Secondary Job (3)

0	Not imputed	213
1	Imputed	12
-1	No answer	0
-2	Does not apply	104818
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	645397
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: 2017–

The variable PGIMSND3 designates imputations of item non-response in the variable PGSND-JOB3 (current gross labor income from a side job).

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

6 Current Employment Status

pgstib – Occupational Position

10	Not employed (NE): without further information	79986
11	NE: In education, further education, apprenticeship	35963
12	NE: registered unemployed	46766
13	NE: Pensioner	149483
15	NE: Military, Community Service	2167
110	Apprentice (until 1999), trainee (1990 East)	6985
120	Apprentice / trainee in industry or technology (since 2000)	8547
130	Apprentice / trainee in trade or commerce (since 2000)	4762
140	Student trainee, intern	2324
150	Aspirant	3
210	Untrained Worker	22422
220	Semi-Trained Worker	45347
230	Trained Worker	48560

240	Foreman, group leader	6534
250	Foreman	2888
...	(21 rows omitted)	101991
530	Salaried employee, skilled	95488
540	Salaried employee, highly skilled or managerial duties	53117
550	Salaried employee with extensive managerial duties	6555
560	Managing partner or comparable employee in own company (since 2019)	475
610	Civil servant, lower level	953
620	Civil servant, middle level	7255
630	Civil servant, upper level	11710
640	Civil servant, executive level	7513
-1	Employed without information on occupational position	2230
-2	Does not apply	416
-3	Not valid	0
-4	Inadmissible multiple response	0
-5	Not Included In Questionnaire Version	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0

Waves: all

The variable represents a compilation of all relevant information on current occupational position. It is generated by combining information on “occupational group”, “unemployed (yes/no)”, “military/community service”, “in education (yes/no)”, and “pensioner”. A hierarchical scheme is used to determine which data is given precedence when a variety of divergent information exists (increasing dominance):

value	label
10	not employed
13	pensioner
11	currently in education
15	military / community service
12	registered unemployed
110-150	apprentice
410-440	self-employed
210-250	manual laborer
510-550	employee
610-640	civil service

The categories (150) and (310) to (340) were only assigned to respondents in East Germany in 1990. In PGSTIB, non-working persons are only assigned to the category (13) “pensioner” if they are recipients of retirement pension or if they are recipients of widow’s pension AND are older than 60 years. Moreover, if there is missing information on pension receipt, additional information from file ARTKALEN (retrospective information from the activity calendar for the previous year) is used in the generation process to determine if a person was in retirement or early retirement (Vorruhestand) at the time of the interview.

The code (-2) is assigned to first time respondents aged 16 or 17 who answer the youth questionnaire.

Since 2014 it has been possible that self-employed people (410–440) leave missing the number of employees or co-workers. These observations are then assigned to their respective primary categories (410, 420 and 430) which were otherwise valid from 1984 until 1999.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgemplst – Employment Status

1	Full-Time Employment	299765
2	Regular Part-Time Employment	82358
3	Vocational Training	21989
4	Marginal, Irregular Part-Time Employment	33647
5	Not Employed	311758
6	Sheltered workshop	700
-1	No answer	29
-2	Does not apply	65
-3	Not valid	2
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	127
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0

Waves: all

This variable is generated from the annual question on current employment status, which has a central filter function in the questionnaire to separate employed people from non-employed people for further questions. It is designed to provide consistent longitudinal data on employment status across all waves.

Since the beginning of the SOEP in the year 1984, a consistent status variable has been used to differentiate among different types of employment status. The category “not employed” comprises non-working individuals, those in military/community service, those on maternity leave, and employed persons in a phased retirement scheme (*Altersteilzeit*) whose current actual working hours are zero. From 1998 on, the additional category “sheltered workshop” is included for disabled persons in sheltered employment.

PGEMPLST supplements the variable PGLFS, which differentiates among persons who are not employed.

The information about newly included teenager refugee sample special groups in 2017 is taken from child and youth datasets. In case the teenagers do not attend school, they were asked about the alternative status. Those teenagers who attend school, are in vocational preparational year or in a vocational training, or in vocational school were assigned value of 3. Those waiting for the start of the school term or vocational training, are categorized as 1. In case the teenagers do not attend school and are working the respondents were classified to category 3. This information also applies for first-time teenage respondents in 2016 (who were previously treated as missings).

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pglfs – Labor Force Status

1	Non-working (NW): without further information	90186
2	NW: age 65 and older	109672
3	NW: and currently in training/education	31983
4	NW: on parental leave (since 1991)	13708
5	NW: in military/community service	985
6	NW: and registered unemployed	41193
8	NW: but occasional secondary job (1985-2016)	8581
9	NW: but paid work in past 7 days (since 1999)	4622

10	NW: but regular secondary job (1985-2016)	7540
11	Working	434670
12	Working, but inactive within past 7 days (since 2000)	5700
13	NW: but paid secondary job (since 2017)	1520
-1	No answer	1
-2	Does not apply	79
-3	Not valid	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0

Waves: all

This variable is based on the annual question on current employment status, combined with additional information on activities of non-working individuals. The number of values assigned has been based, since the beginning of the SOEP in the year 1984, on a large number of highly differentiated answer categories. It is designed to provide consistent longitudinal data on labor force participation across all waves.

PGLFS provides a differentiation between “working” (Code 11–12) and “non-working” (Code 1–10,13), categories which are constant over all waves. Non-employment is subdivided further in order to make it possible to efficiently apply different labor market concepts in studying the data. To calculate this variable, the variables on employment status, age, maternity leave, secondary jobs, registration at the employment office, participation in paid work during the past 7 days and training status are used.

For respondents who have multiple status codes and different values for this variable, the following hierarchy was used to determine which of the values would play the determining role (increasing dominance):

value	label
1	Non-working (NW): without further information
2	NW: age 65 and older
3	NW: and currently in training/education
6	NW: and registered unemployed
4	NW: on parental leave
5	NW: in military/community service
8	NW: but occasional secondary job
10	NW: but regular secondary job
9	NW: but paid work in past 7 days
13	NW: but paid secondary job
11	Working
12	Working, but inactive within past 7 days

Since 2016, the questionnaire for refugees contains a new labor market status category “vocational internship (Ger: betriebliches Praktikum)”, which is integrated in the category 3 “non-working, and currently in training/education” of PGLFS.

Since 2017 there is no differentiation between regular and occasional secondary job. Category 13 is therefore created to capture the respondents who are primarily not part of the labor force but either regularly or occasionally exercise one or more secondary activities which are either remunerated or not voluntary.

PGLFS supplements the variable PGEMPLST, which differentiates among persons who are employed.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgjobch – Occupational Change

1	Not Employed	309841
2	Employed No Change	356978
3	Employed No Info If Change	3665
4	Employed With Change	71946
5	First Time Employed	7793
-1	No answer	19
-2	Does not apply	198
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

This variable indicates a change of job since the previous interview for respondents with a follow-up interview, whereas for first-time respondents, the information refers to a change of job since the beginning of the previous year.

PGJOBCH is generated based on the central filter variable, which indicates whether a respondent has changed jobs since the beginning of the previous year. A job change can be within one firm as well as a change to another firm. Information on the date of job change is then combined with interview month of the previous year's interview to identify whether a new job change has taken place since the previous interview.

Hence, PGJOBCH indicates whether a respondent has changed jobs since the beginning of the previous year. The variable is calculated for all waves, and the codes are assigned independently of the respondent being a first-time or follow-up respondent.

The variable is also designed to identify respondents who have entered employment for the first time. Up to 1993, first-time respondents did not answer the question about job change. Therefore, for first-time respondents up to 1993, the variable was generated by using the information on the start date with the current employer and the respondent's age at entrance into his/her first job.

The variable is also designed to provide consistent longitudinal information on job changes. The PGJOBCH variable is generated by correcting the original job change information in various ways:

1. We check whether the job changes stated by a respondent in two consecutive interviews refer to one and the same job change. The date of the job change and the interview month are used to correct double entries.
2. If the respondent indicates a job change with a date before the previous interview but did not state a job change in the previous interview, this is coded as a job change in the current interview.
3. If a respondent indicates no job change and was not employed at the time of the previous interview, this is coded as "no job change" despite the seeming implausibility, since there are possible explanations how this information could be plausible, e.g. if there were short-term employment spells between two interview dates.

4. Respondents can be “first-time employed” only once. If a respondent states being “first-time employed” for a second time, this is coded as “employed, with change”.

In 2013 the respondents of the newly introduced migration sample (M1) were not asked whether they have changed jobs since the beginning of the previous year, therefore the generation of PGJOBCH for the migration sample was modified in 2013:

1. Respondents who are not employed were coded (1).
2. Respondents who are still in the same occupation and position and are working for the same employer as they had worked in their first job in Germany were coded (2).
3. Respondents who have entered the firm they are currently working after the 31st of December 2011 were coded (4).
4. If a respondent is in her first vocational training this was coded as (5).
5. Respondents who are employed but for whom no further information could be used were coded (3). In 2014 there was again a uniform questionnaire for all respondents.

In 2015 the respondents of the newly introduced migration sample (M2) were not asked whether they have changed jobs since the beginning of the previous year. Furthermore respondent within migration sample M1 are decomposed in first-time respondents with and follow-up respondents without question about job change in the previous year embodied by the questionnaire. such that generation of PGJOBCH for the migration sample in 2015 was following:

1. For follow-up respondents generation as in case of a uniform questionnaire for all respondents to be pursued.
2. In the case of first-time respondents in M1 sample and for all respondents from M2 sample the rule of thumb is as in 2013.

In 2016 the respondents of the newly introduced refugee samples (M3 and M4, psample==17) were not asked whether they have changed jobs since the beginning of the previous year. The generation of PGJOBCH for these samples corresponds to the rule of thumb is as for the first-time respondent in the M1 sample with one modification. In step 4, the code (5) was assigned to respondents who are currently in a vocational training, were not occupied prior to their arrival in Germany, had neither a vocational training, nor a university degree and are in their first occupational relationship in Germany.

2017 generation of the PGJOBCH for the newly added immigration sample [psample = 19] is analogous to that of 2016. As of refugee teenagers, those attending school or are currently in vocational preparation year (Berufsvorbereitungsjahr), in vocational training, working, ber. Eingliederungsjahrgang or berufsbildende Schule were assigned value 1. Those working were assigned jobch value 3.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgsndtyp1 – 1. secondary job: Occupational Position

1	Worker/Employee (also mini job)	3749
2	Self-Employed, Free-Lance Professional	2445
3	Help In Family Business	466
4	Other occupational position	9165
-1	No answer	3123
-2	Does not apply	86095

-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	645397
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: 2017–

The variable PGSNDTYP1 gives information about the current employment status in a first side job. This variable is a direct copy of the original variable in \$P.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgsndtyp2 – 1. secondary job: Occupational Position

1	Worker/Employee (also mini job)	323
2	Self-Employed, Free-Lance Professional	487
3	Help In Family Business	93
4	Other occupational position	3052
-1	No answer	1219
-2	Does not apply	99869
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	645397
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: 2017–

The variable PGSNDTYP2 gives information about the current employment status in a second side job. This variable is a direct copy of the original variable in \$P.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pgsndtyp3 – 3. secondary job: Occupational Position

1	Worker/Employee (also mini job)	51
2	Self-Employed, Free-Lance Professional	128
3	Help In Family Business	25
4	Other occupational position	959
-1	No answer	403
-2	Does not apply	103477
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	645397
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: 2017–

The variable PGSNDTYP3 gives information about the current employment status in a third side job. This variable is a direct copy of the original variable in \$P.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

7 Current Occupation

Not all employed persons are asked the question about occupation on an annual basis. In years with a partial survey – 1985, 1986, 1987, 1988, 1990 (West), 1992 (West), 1994, 1996, 1999, 2001, 2003, 2005, 2006, 2008, 2010, 2012, 2014, and 2016 – only those employed persons who changed jobs and first-time respondents are asked to provide up-to-date information. Therefore, in years with a partial survey or in case of non-response the variables in this section usually contain available information from the previous year (persons with PGJOBCH-category (2) “employed, no change”). For some persons without a job change who updated the information on their current occupation without being asked, up-to-date information is used. The scores which are derived from the occupational scores contain information on the last attained value.

The missing values in variables of codes for economic activities or occupations and derived scores (NACE, ISCO, KldB, ISEI, SIOPS, EGP, MPG) should be interpreted as follows. -1: there was a response, but no code could be assigned or no score could be derived, -2: there was no response which could have been coded and -8 means this type of code or score is not available for this year.

The information on the current occupation is not necessarily consistent to the current employment status, because they are based on different sources of information

pgisco88 – Current Occupational Classification (ISCO-88 Com)

? What is your current occupation? (from: [soep-core/soep-core-2017-pb-m345-erst/Q226:pber\[12711\]](#))

? What is your current position/occupation? (from: [soep-core/soep-core-2017-pe/52:pber\[4195\]](#))

0	Soldiers	0
100	Soldiers	1559
1000	LEGISLATORS, SENIOR OFFICIALS AND MANAGERS	0
1100	Legislators, Senior Officials and Managers	0
1110	Legislators, Senior Officials and Managers	136
1140	Senior Officials of Special-Interest Organisations	50
1141	Senior Officials of Political Party Organisations	9
1142	Senior officials of employers', workers' and other economic-interest organisations	257
1143	Senior Officials of Humanitarian and Other Special-Interest Organisations	4
1200	Corporate Managers	1312
1210	Directors and Chief Executives	2891
1220	Production and Operations Managers	0
1221	Production and operations managers in agriculture, hunting, forestry and fishing	18
1222	Production and Operations Managers in Manufacturing	1662
1223	Production and Operations Managers in Construction	0
...	(470 rows omitted)	347590
9300	Labourers in mining, construction, manufacturing and transport	0
9310	Mining and Construction Labourers	0
9311	Mining and Quarrying Labourers	49
9312	Construction and maintenance labourers: roads, dams and similar constructions	31
9313	Building Construction Laborer	1182
9320	Manufacturing Laborer	6706
9330	Transport Lab., Freight Handler	3206
-1	No answer	2139
-2	Does not apply	289162

-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	92477

Waves: 1984-2017

Current occupation coded as ISCO-88 COM (ISCO-88 version for European Union purposes). Respondents answer the question in their own words. If they don't report a jobchange, information from the previous year is used, cf. introduction to section in PDF documentation for this file. Hartmann and Schütz (2002) provide detailed information on the conducted occupational coding.

Hartmann/Schütz (2002): *Die Klassifikation der Berufe und der Wirtschaftszweige im Sozio-oekonomischen Panel. Neuvercodung der Daten 1984–2001. Infratest Sozialforschung, München.* https://www.diw.de/documents/dokumentenarchiv/17/diw_01.c.40132.de/vercodung.pdf
For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgisco08 – Current Occupational Classification (ISCO-08)

? What is your current occupation? (from: [soep-core/soep-core-2020-pb-m3456-erst/Q223:pber\[15232\]](#))

? What is your current position/occupation? (from: [soep-core/soep-core-2020-pe2/52:pber\[4195\]](#))

110	Commissioned Armed Forces Officers	70
210	Non-Commissioned Armed Forces Officers	35
310	Armed Forces Occupations, Other Ranks	285
1111	Legislators	43
1112	Senior Government Official	223
1113	Traditional Chiefs and Heads of Village	0
1114	Senior Officials of Special-Interest Organisations	85
1120	Managing Directors and Chief Executives	1457
1211	Finance Managers	188
1212	Human Resource Managers	237
1213	Policy and Planning Managers	106
1219	Business services and administration managers not elsewhere classified	237
1221	Sales and Marketing Managers	712
1222	Advertising and Public Relations Managers	72
1223	Research and Development Managers	88
...	(414 rows omitted)	126955
9612	Refuse Sorters	62
9613	Sweeper, Related Laborer	29
9621	Messengers, Package Deliverers and Luggage Porters	485
9622	Odd Job Persons	2
9623	Meter Readers and Vending-Machine Collectors	12
9624	Water and Firewood Collectors	0
9629	Elementary Workers Not Elsewhere Classified	156
-1	No answer	1272
-2	Does not apply	443907
-3	Not valid	0
-4	Forbidden Multiple Response	0

-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	173722

Waves: 2013–

Current occupation coded as ISCO-08. Respondents answer the question in their own words. If they don't report a jobchange, information from the previous year is used, cf. introduction to section in PDF documentation for this file. Tschersich and Schütz (2014, SOEP Survey Paper 470) provide detailed information on occupational coding.

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgkldb92 – Current Occupational Classification (KldB92)

? What is your current occupation? (from: [soep-core/soep-core-2017-pb-m345-erst/Q226:pber\[12711\]](#))

? What is your current position/occupation? (from: [soep-core/soep-core-2017-pe/52:pber\[4195\]](#))

110	Farmers, general	1813
111	Fruit and vegetable farmers (non-horticultural)	5
112	Arable farmers (special, permanent crops)	9
113	Livestock farmers and pasture farmers	3
114	Seed, crop producers, propagators (non-horticultural)	8
115	Crop protectors	10
116	Farmers and landlords	32
118	Farmers and wine growers	12
120	Wine growers, general	27
121	Vine propagators	0
129	Other wine growers	0
130	Agricultural workers, general	105
131	Agricultural supervisors	7
132	Agricultural machinery drivers	58
133	Vineyard workers	65
...	(2263 rows omitted)	363511
9911	Specialized professionals without further specification	95
9921	Homeworkers without further specification	151
9931	Forepersons, group leaders without further specification	355
9941	Persons doing community service without further specification	9
9951	Self-employed persons without further specification	366
9961	Consultancy, planning professionals without further specification	213
9971	Other employees without further specification	1601
-1	No answer	717
-2	Does not apply	288791
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	92477

Waves: 1984-2017

Current occupation coded as KldB92. Respondents answer the question in their own words. If they don't report a jobchange, information from the previous year is used, cf. introduction to section in PDF documentation for this file. Hartmann and Schütz (2002) provide detailed information on occupational coding.

Hartmann/Schütz (2002): *Die Klassifikation der Berufe und der Wirtschaftszweige im Sozio-oekonomischen Panel. Neuvercodung der Daten 1984–2001. Infratest Sozialforschung, München.* https://www.diw.de/documents/dokumentenarchiv/17/diw_01.c.40132.de/vercodung.pdf
For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgkldb2010 – Current Occupational Classification (KldB2010)

? What is your current occupation? (from: [soep-core/soep-core-2020-pb-m3456-erst/Q223:pber\[15232\]](#))

? What is your current position/occupation? (from: [soep-core/soep-core-2020-pe2/52:pber\[4195\]](#))

1104	Officer	65
1203	Senior Non-Commissioned Officers and Higher	35
1302	Junior Non-Commissioned Officers	15
1402	Armed Forces Personnel in Other Ranks	283
11101	Occupations in Farming (without Specialisation)-Unskilled/Semiskilled Tasks	132
11102	Occupations in Farming (without Specialisation)-Skilled Tasks	428
11103	Occupations in Farming (without Specialisation)-Complex Tasks	12
11104	Occupations in Farming (without Specialisation)-Highly Complex Tasks	55
11113	Technical Occup. in Farming-Complex Tasks	4
11114	Technical Occup. in Farming-Highly Complex Tasks	0
11123	Agricultural Experts-Complex Tasks	0
11124	Agricultural Experts-High Complex Tasks	4
11132	Technical Laboratory Occup. in Agriculture-Skilled Tasks	1
11133	Technical Laboratory Occup. in Agriculture-Complex Tasks	0
11182	Occupations in Farming (with Specialisation, Not Elsewhere Classified)-Skilled Tasks	6
...	(1264 rows omitted)	130286
94693	Supervisors in Stage, Costume and Prop Design	2
94704	Occupations in Museums (without Specialisation)-Highly Complex Tasks	29
94712	Technical Occup. in Museums and Exhibitions-Skilled Tasks	9
94713	Technical Occup. in Museums and Exhibitions-Complex Tasks	1
94714	Technical Occup. in Museums and Exhibitions-Highly Complex Tasks	0
94724	Art Experts-Highly Complex Tasks	0
94794	Managers in Museum	3
-1	No answer	1421
-2	Does not apply	443927
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	173722

Waves: 2013–

Current occupation coded as KldB2010. Respondents answer the question in their own words. If they don't report a jobchange, information from the previous year is used, cf. introduction

to section in PDF documentation for this file. Tschersich and Schütz (2014, SOEP Survey Paper 471) provide detailed information on occupational coding.

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgisei08 – Last Reached Isei Value (International Socio-Economic Index)

? What is your current occupation? (*from: soep-core/soep-core-2020-pb-m3456-erst/Q223:pber[15232]*)

? What is your current position/occupation? (*from: soep-core/soep-core-2020-pe2/52:pber[4195]*)

11.5600004196167	16
11.7399997711182	580
12.0100002288818	53
12.3400001525879	7
13.2399997711182	20
13.3400001525879	24
13.3500003814697	3
13.7200002670288	28
13.8699998855591	45
14.210000038147	5240
14.3900003433228	198
14.5699996948242	369
14.8199996948242	7
15.3500003814697	592
16.0799999237061	12
... (305 rows omitted)	138444
85.4100036621094	1302
85.8499984741211	504
86.7200012207031	566
86.8099975585938	31
88.3099975585938	228
88.6999969482422	667
88.9599990844727	89
-1 No answer	924
-2 Does not apply	426769
-3 Not valid	0
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	0
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0
-8 Question this year not part of survey	173722

Waves: 2013–

This variable reflects the (last reached) Standard International Socio-Economic Index of Occupational Status for all employed persons. The ISEI Index was developed in 1992 by Ganzeboom, De Graaf, Treiman, and De Leew based on information about income, education, and occupation. Technically, ISEI was created by scaling the ISCO classification. In contrast to the prestige scores of Ganzeboom and Treiman (1996) and Wegener (1988), ISEI is a measure of socio-economic status.

It is derived from the ISCO-08 code of the current occupation using the Stata ado derives-cores by Daniel Bela and Knut Wenzig which itself is based on SPSS algorithms from Ganzeboom and Treiman (2010).

Also available: occupational prestige scores (SIOPS, MPS) and occupational class (EGP).

Ganzeboom, Harry B.G.; Treiman, Donald J., "International Stratification and Mobility File: Conversion Tools." Amsterdam: Department of Social Research Methodology, <http://www.harryganzeboom.nl/ismf/index<2010-01-12>>.

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgmps08 – Last Reached Mps Value (Magnitude-Prestige-Skale, Wegener)

? What is your current occupation? (from: [soep-core/soep-core-2020-pb-m3456-erst/Q223:pber\[15232\]](#))

? What is your current position/occupation? (from: [soep-core/soep-core-2020-pe2/52:pber\[4195\]](#))

20	261
23.8999996185303	663
24.7000007629395	618
26.7000007629395	409
26.8999996185303	2671
28.6000003814697	45
30	7027
30.2999992370605	208
31.2000007629395	1036
31.6000003814697	24
31.7999992370605	1235
31.8999996185303	651
32.4000015258789	1012
34.7000007629395	24
35.5999984741211	64
... (162 rows omitted)	121083
159.800003051758	1319
160.300003051758	302
160.5	826
170.899993896484	566
173.300003051758	287
179.600006103516	1362
186.800003051758	89
-1 No answer	0
-2 Does not apply	608658
-3 Not valid	0
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	0
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0
-8 Question this year not part of survey	0

Waves: 2013–

This variable gives the occupational prestige score developed by Wegener (1988) for all employed persons. Like the SIOPS prestige score, Wegener's prestige scale measures a person's

occupational prestige and was developed especially for use in the Federal Republic of Germany.

MPS08 is assigned based on ISCO-88 (using Christoph 2005), which is based on ISCO-08 (using Ganzeboom, Treiman 2010).

Also available: occupational prestige scores (SIOPS, ISEI) and occupational class (EGP).

Christoph, Bernhard: 2005: *Zur Messung des Berufsprestiges: Aktualisierung der Magnitude-Prestigeskala auf die Berufsklassifikation ISCO88*, <https://nbn-resolving.org/urn:nbn:de:0168-ssoar-207543> –

Ganzeboom, Harry B.G.; Treiman, Donald J., “International Stratification and Mobility File:

Conversion Tools.” Amsterdam: Department of Social Research Methodology, <http://www.harryganzeboom.nl/ismf/index<2010-01-12>>.

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgsiops08 – last reached SIOPS score (stand. internat. occ. prestige scale, Treiman)

? What is your current occupation? (from: [soep-core/soep-core-2020-pb-m3456-erst/Q223:pber\[15232\]](#))

? What is your current position/occupation? (from: [soep-core/soep-core-2020-pe2/52:pber\[4195\]](#))

12	28
13	243
15	592
16	251
17	15
20	6251
20.0300006866455	376
20.2999992370605	1848
20.3899993896484	708
21	436
21.0799999237061	2539
21.6700000762939	2271
22	2097
22.2800006866455	124
22.6900005340576	81
... (186 rows omitted)	126702
73.0999984741211	566
73.5100021362305	903
75	187
75.6800003051758	54
76.1100006103516	89
78.0100021362305	1362
78.1600036621094	1302
-1 No answer	924
-2 Does not apply	426769
-3 Not valid	0
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	0
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0
-8 Question this year not part of survey	173722

Waves: 2013–

This variable gives the occupational prestige score index for all employed persons. It is derived from the ISCO-08 code of the current occupation using the Stata ado derivescores by Daniel Bela and Knut Wenzig which itself is based on SPSS algorithms from Ganzeboom and Treiman (2010).

Please also see occupational prestige scores (MPS), occupational status (ISEI), and occupational class (EGP).

Ganzeboom, Harry B.G.; Treiman, Donald J., "International Stratification and Mobility File: Conversion Tools." Amsterdam: Department of Social Research Methodology, <http://www.harryganzeboom.nl/ismf/index.htm>. <2010-01-12>.

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pggeg08 – Last Reached Egp Value (Erikson, Goldthorpe, Portocarero)

? What is your current occupation? (from: [soep-core/soep-core-2020-pb-m3456-erst/Q223:pber\[15232\]](#))

? What is your current position/occupation? (from: [soep-core/soep-core-2020-pe2/52:pber\[4195\]](#))

1	[I] Higher Managerial and Professional Workers	22216
2	[II] Lower Managerial and Professional Workers	34900
3	[IIIa] Routine Clerical Work	22562
4	[IIIb] Routine Service and Sales Work	18256
5	[IVa] Small Self-Employed With Employees	2355
6	[IVb] Small Self-Employed Without Employees	3157
7	[V] Manual Supervisors	353
8	[VI] Skilled Manual Workers	15402
9	[VIIa] Semi- and Unskilled Manual Workers	27694
10	[VIIb] Agricultural Labour	1611
11	[IVc] Self-Employed Farmers	519
-1	No answer	0
-2	Does not apply	601415
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	0

Waves: 2013–

This variable gives the (last reached) occupational class for all employed persons. PGEGP08 is based on ISCO-08 with is converted to ISCO-88 in a first step. Both crosswalks use the Stata ado derivescores by Daniel Bela and Knut Wenzig and are based on work of Ganzeboom (2010) and Ganzeboom, De Graaf, Treiman (1992).

Please also see occupational status (ISEI) and occupational prestige scores (SIOPS, MPS).

Harry B.G. Ganzeboom, Paul M. De Graaf, Donald J. Treiman (1992), A standard international socio-economic index of occupational status, in: *Social Science Research* 21 (1), 1-56, [https://doi.org/10.1016/0049-089X\(92\)90017-B](https://doi.org/10.1016/0049-089X(92)90017-B). – Ganzeboom, Harry B.G.; Treiman, Donald J., "International Stratification and Mobility File: Conversion Tools." Amsterdam: Department of Social Research Methodology, <http://www.harryganzeboom.nl/ismf/index.htm>. <2010-01-12>.

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgisei88 – Last Reached Isei Value (International Socio-Economic Index)

? What is your current occupation? (from: *soep-core/soep-core-2017-pb-m345-erst/Q226:pber[12711]*)

? What is your current position/occupation? (from: *soep-core/soep-core-2017-pe/52:pber[4195]*)

16	17842
19	2300
20	9815
21	2275
22	570
23	11897
24	1589
25	14752
26	5969
27	3337
28	2476
29	22756
30	31530
31	3182
32	4981
... (39 rows omitted)	332215
79	368
82	1030
83	202
85	2310
87	838
88	3343
90	296
-1 No answer	1453
-2 Does not apply	180637
-3 Not valid	0
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	0
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	92477

Waves: 1984-2017

This variable reflects the Standard International Socio-Economic Index of Occupational Status for all employed persons. The ISEI Index was developed in 1992 by Ganzeboom, De Graaf, Treiman, and De Leuw based on information about income, education, and occupation. Technically, ISEI was created by scaling the ISCO-88 classification. The values for the variable range between 16 and 90. In contrast to the prestige scores of Ganzeboom and Treiman (1996) and Wegener (1988), ISEI is a measure of socio-economic status.

It is derived from the ISCO-88 code of the current occupation using the Stata ado *iskoisei* by John Hendrickx which itself is based on Harry Ganzeboom's SPSS algorithms.

Also available: occupational prestige scores (SIOPS, MPS) and occupational class (EGP).

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgmps92 – Last Reached Mps Value (Magnitude-Prestige-Skale, Wegener)

? What is your current occupation? (from: *soep-core/soep-core-2017-pb-m345-erst/Q226:pber[12711]*)

? What is your current position/occupation? (from: *soep-core/soep-core-2017-pe/52:pber[4195]*)

30	205
30.1000003814697	901
30.2000007629395	2136
30.2999992370605	249
31	5424
31.1000003814697	1287
31.2000007629395	687
31.5	6298
31.7000007629395	4423
31.7999992370605	546
31.8999996185303	264
32	549
32.0999984741211	5150
32.2000007629395	645
32.2999992370605	14477
... (163 rows omitted)	422555
139.800003051758	394
145.699996948242	2220
152.5	2365
153.5	162
191.300003051758	3343
207.199996948242	614
216	781
-1 No answer	1536
-2 Does not apply	180752
-3 Not valid	0
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	0
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	92477

Waves: 1984-2017

This variable gives the occupational prestige score developed by Wegener (1988) for all employed persons. Like the SIOPS prestige score, Wegener's prestige scale measures a person's occupational prestige and was developed especially for use in Germany. MPS is assigned based on the German Federal Statistical Office's occupational classification of 1992 (KldB 92). The procedure has been documented in Frietsch and Wirth (2001).

Also available: occupational prestige scores (SIOPS, ISEI) and occupational class (EGP).

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgsiops88 – last reached SIOPS score (stand. internat. occ. prestige scale, Treiman)

? What is your current occupation? (from: *soep-core/soep-core-2017-pb-m345-erst/Q226:pber[12711]*)

? What is your current position/occupation? (from: soep-core/soep-core-2017-pe/52:pber[4195])

6	12
13	435
15	2208
17	227
18	90
19	10286
20	7488
21	17491
22	3975
23	4480
24	1637
25	6242
26	1951
27	876
28	4947
... (40 rows omitted)	396032
70	6807
71	1030
72	1829
73	1529
75	194
76	296
78	5811
-1 No answer	1453
-2 Does not apply	180637
-3 Not valid	0
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	0
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	92477

Waves: 1984-2017

This variable gives the occupational prestige score index for all employed persons. It is based on ISCO-88 and was developed by Donald Treiman et al. The scale ranges from 6 to 78. The algorithm is based on Fritzsche and Wirth (2001).

Please also see occupational prestige scores (MPS), occupational status (ISEI), and occupational class (EGP).

Fritzsche, Rainer/Wirth, Heike (2001): Die Uebertragung der Magnitude-Prestigeskala von Wegener auf die Klassifikation der Berufe. In: ZUMA Nachrichten 48 (Jg.25): 139–165

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgegp88 – Last Reached Egp Value (Erikson, Goldthorpe, Portocarero)

? What is your current occupation? (from: soep-core/soep-core-2017-pb-m345-erst/Q226:pber[12711])

? What is your current position/occupation? (from: soep-core/soep-core-2017-pe/52:pber[4195])

1	[I] Higher Managerial and Professional Workers	56923
2	[II] Lower Managerial and Professional Workers	102206
3	[IIIa] Routine Clerical Work	59349
4	[IIIb] Routine Service and Sales Work	61432
5	[IVa] Small Self-Employed With Employees	6845
6	[IVb] Small Self-Employed Without Employees	13487
7	[V] Manual Supervisors	0
8	[VI] Skilled Manual Workers	88767
9	[VIIa] Semi- and Unskilled Manual Workers	77630
10	[VIIb] Agricultural Labour	6540
11	[IVc] Self-Employed Farmers	2694
-1	No answer	1453
-2	Does not apply	180637
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	92477

Waves: 1984-2017

This variable gives the occupational class for all employed persons. It is derived from the ISCO-88 classification using Hendrickx's (2002) Stata ado. In addition, it is based on information on self-employment and number of employees (supervisory status). The EGP Index was documented by Ganzeboom/Treiman in 1996 and revised in 2003.

Information about supervisory status (number of employees of self-employed persons) is available from wave Q (2000) on. (This could lead to some minor longitudinal inconsistencies.)

Based on the new classification developed by Ganzeboom/Treiman (2003), several ISCO values were recoded in this variable as follows:

- ISCO 2470 becomes EGP=1.
- ISCO 2500 becomes EGP=2.
- ISCO 4300, 4400, 4500 become EGP=4.
- ISCO 7900 becomes EGP=7.
- ISCO 9910-9990 become EGP=9.

Please also see occupational status (PGISEI88) and occupational prestige scores (PGSIOPS88, PGMPS92) in file PL.

John Hendrickx, 2002. "ISCO: Stata module to recode 4 digit ISCO-88 occupational codes," *Statistical Software Components S425802*, Boston College Department of Economics, revised 20 Oct 2004. <https://ideas.repec.org/c/boc/bocode/s425802.html>

Ganzeboom, Harry B.G.; Treiman, Donald J., "International Stratification and Mobility File: Conversion Tools." Amsterdam: Department of Social Research Methodology, <http://www.harryganzeboom.nl/isco88/>.

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgerljob – Working In Occupation Trained For

1	Yes	226105
---	-----	--------

2	No	144144
3	In Training	24356
4	Has No Job Training	28023
-1	No answer	17039
-2	Does not apply	310773
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

This variable is designed to offer annual data on all employed persons, indicating whether they are working in the occupation they were trained for.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgausb – Required Training For Job

1	No Training	27374
2	Intro. To Job	51047
3	On-The-Job Training	29102
4	Courses	15164
5	Vocational Training	204920
6	Technical School, Engineering (East) 90-96	2002
7	Technical College or University, until 98	10446
8	Technical College since 99	29460
9	University since 99	43736
-1	No answer	20549
-2	Does not apply	316640
-5	Not Included In Questionnaire Version	0
-7	Only available in less restricted edition	0

Waves: all

This variable is designed to provide annual data on required job training for all employed persons. The variable is generated using questions on required formal education and required on-the-job-training which are categorized into seven independent variables with 0/1 coding. Out of these, the highest available level of required training is used for the generation of the status variable.

The answer option “completed technical school” was only used from 1990 to 1993 in the East German version of the questionnaire. Since not all employed people are asked the question about required training every year, the value (6) of the variable PGAUSB is valid up to 1996. The code (-2) is assigned to all non-employed persons and also includes persons in occupational training, in occupational retraining programs, and those doing an internship at the time of the survey.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgerwzeit – Length Of Time With Firm

-1	No answer	3723
----	-----------	------

-2	Does not apply	311891
-3	Not valid	93
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

The variable PGERWZEIT is designed to offer data on the length of time with the firm at the point in time of the interview for all employed persons. This variable is generated from the respondent's start date with the current employer. In the case of a job change within the firm, the full length of time with the firm is calculated. Hence, the variable describes the length of time with the same firm and not the length of time in the same position.

The variable provides consistent longitudinal information on the length of time with the same employer. Data that show longitudinal inconsistencies are corrected, if it can be done under reasonable assumptions.

1. In case of no job change, the information on the start date with the current employer given in the earliest interview available is treated as dominant and carried forward to the subsequent years.
2. In case of a job change between firms, the information on the start of the current position is used and carried forward to the subsequent years.
3. Up to wave Z (2009), a respondent who starts working again after a period of non-employment is assumed to have returned to the former employer if the indicated start date with the current employer was before the previous interview date. In this case, the start date with the current employer given in the previous interview is treated as dominant. Otherwise, the present information on the start date with the current employer is used and carried forward to the subsequent years. For respondents who are assumed to have returned to their former employer, the full length of time with the firm is calculated. There is no deduction for the time during which the respondent was not employed.
4. Since wave BA (2010), there is a modified answer category in the questionnaire which indicates that a respondent returns to his/her former employer after a period of non-employment. If a respondent indicates to have started working again at a former employer, the present information on the start date with the current employer is used and carried forward to the subsequent years. Unlike before wave BA (2010), the present information is treated as dominant even if the indicated start date with the current employer was before the previous interview date. Hence, the full length of time with the firm is calculated, and there is no deduction for the time during which the respondent was not employed or employed in another firm.
5. The length of time with the firm is also provided for the East German sample since its start in 1990. Due to the massive restructuring of the economy that took place in East Germany after reunification, this variable should be dealt with cautiously in the first transition years.

Both monthly and annual information is used in the variables and rounded off as length of time in years (with months in decimal form).

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgtatzeit – Actual Work Time Per Week

-1	No answer	21649
-2	Does not apply	309114
-3	Not valid	1107
-7	Only available in less restricted edition	0

Waves: all

This variable provides data on actual weekly working hours (including overtime) for all persons employed at the time of the survey (including the self-employed). The data are obtained by asking respondents how many hours they work on average per week.

For implausible answers (actual weekly working hours of more than 80 per week), we assign the value (-3). The variable is rounded off and gives the number of working hours as a decimal number.

Please also see PGVEBZEIT and PGUEBSTD.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgvebzeit – Agreed Upon Work Time Per Week

-1	No answer	46398
-2	Does not apply	346437
-3	Not valid	45
-7	Only available in less restricted edition	0

Waves: all

This variable provides data on agreed weekly working hours. The variable takes into account only those persons who were in dependent employment (not self-employed) at the time of the survey.

The value (-2) is assigned to non-employed people, employees without set hours and to self-employed people, including self-employed farmers, freelancers, and other self-employed persons. If persons helping out in family businesses report agreed weekly working hours, we assign a non-missing value.

For implausible answers (agreed weekly working time of more than 80 hours per week) we assign the value (-3). The variable is rounded off and gives the number of working hours as a decimal number.

Please also see PGTATZEIT and PGUEBSTD.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pguebstd – Overtime Per Week

0	No Overtime Last Month	204084
-1	No answer	16045
-2	Does not apply	357772
-3	Not valid	147
-7	Only available in less restricted edition	0

Waves: all

This variable provides data on overtime per week for all persons in dependent employment at the time of the survey. The data are obtained by asking respondents how many overtime

hours they worked in the month before the survey. The number of monthly overtime hours is then converted into weekly overtime by dividing the number given by 4.3. Since PGUEBSTD refers to weekly overtime during the last month, the number may deviate from the difference between average actual weekly working hours and the agreed weekly working hours.

In the years 1984, 1985 and 1987, respondents were not asked about number of hours of overtime per week. The variable PGUEBSTD for these years was therefore generated using the difference between average actual weekly working hours and agreed weekly working hours.

The value (-2) is assigned to non-employed people, employees without set hours and to self-employed people, including self-employed farmers, freelancers, and other self-employed persons. If persons helping out in family businesses report overtime hours, we assign a non-missing value.

For implausible answers (agreed-upon weekly working time or actual weekly working time of more than 80 hours per week AND weekly overtime of more than 10 hours we assign the value (-3).

The variable is rounded off and gives the number of overtime hours as a decimal number. Please also see PGVEBZEIT and PGTATZEIT.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgoeffd – Civil Service

1	Yes	101516
2	No	310787
-1	No answer	28970
-2	Does not apply	309167
-7	Only available in less restricted edition	0

Waves: all

Status variable: This variable is designed to provide annual data on employment in the civil service for all employed persons.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgnace – Industry Occupation [pbra] (NACE Rev. 1.1, Sector)

? In which economic sector/branch of industry/service area is the company or institution that you work for? (*from: [soep-core/soep-core-2017-pb-m345-erst/Q229:pbra\[12713\]](#)*)

? What sector of business or industry is your company or institution active in for the most part? (*from: [soep-core/soep-core-2017-pe/55:pbra\[4197\]](#)*)

1	Crop and animal production, hunting	6000
2	Forestry, Logging, Related Service activities	550
5	Fishing, Operation Of Fish Hatcheries And Fish Farms	33
10	Mining Of Coal And Lignite; Extraction Of Peat	1057
11	Extraction Of Crude Petroleum And Natural Gas	110
12	Mining Of Uranium And Thorium Ores	0
13	Mining Of Metal Ores	14
14	Other Mining And Quarrying	215
15	Manuf Food Products And Beverages	7506
16	Manuf Tobacco Products	87
17	Manuf Textiles	2614

18	Manuf Wearing Apparel; Dressing And Dyeing Of Fur	937
19	Tanning, Dressing Of Leather; Manuf luggage, Footwear	435
20	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1508
21	Manuf Pulp, Paper And Paper Products	1439
...	(40 rows omitted)	309699
91	Activities of membership organizations n.e.c.	4244
92	Recreational, Cultural And Sporting Activities	5373
93	Other Service Activities	3462
95	Private Households With Employed Persons	1524
96	Undifferentiated goods producing activities of private households for own use	0
97	Undifferentiated services producing activities of private households for own use	0
99	Extra-territorial Organizations And Bodies	262
-1	No answer	2823
-2	Does not apply	308071
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	92477

Waves: 1984-2017

This variable is designed to provide annual data on the industry of economic activity for the company of all employed persons according to the Statistical Classification of Economic Activities in the European Community (Nomenclature des statistiques des activités économiques de la Communauté européenne - NACE Rev. 1.1 which is on this level similar to Rev. 1). Respondents answer the question in their own words regarding the industry in which they are currently working. If they don't report a jobchange, information from the previous year is used, cf. introduction to section in PDF-documentation for this file.

In order to facilitate international comparability, the European industry standard classification system is used by Kantar Public using Level 2 (Divisions) of the classification system. The classification has been documented in Hartmann/Schütz 2002.

The codes in NACE Rev.1 also correspond to ISIC Rev.3 (International Standard Classification of All Economic Activities).

Detailed description: Hartmann/Schütz (2002): Die Klassifikation der Berufe und der Wirtschaftszweige im Sozio-oekonomischen Panel. Neuvercodung der Daten 1984–2001. Infratest Sozialforschung, München. https://www.diw.de/documents/dokumentenarchiv/17/diw_01.c.40132.de/vercodung.pdf
For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgnace2 – Industry Occupation [pbra] (NACE Rev. 2, Sector)

? In which economic sector/branch of industry/service area is the company or institution that you work for? (from: [soep-core/soep-core-2020-pb-m3456-erst/Q228:pbra\[15237\]](#))

? What sector of business or industry is your company or institution active in for the most part? (from: [soep-core/soep-core-2020-pe2/55:pbra\[4197\]](#))

1	Crop and animal production, hunting and related service activities	1363
2	Forestry and logging	185
3	Fishing and aquaculture	14
5	Mining of coal and lignite	72

6	Extraction Of Crude Petroleum And Natural Gas	48
7	Mining Of Metal Ores	0
8	Other Mining And Quarrying	42
9	Mining support service activities	1
10	Manufacture of food products	2613
11	Manufacture of beverages	188
12	Manuf Tobacco Products	13
13	Manuf Textiles	418
14	Manuf Wearing Apparel; Dressing And Dyeing Of Fur	202
15	Manufacture of leather and related products	61
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	458
...	(66 rows omitted)	119827
93	Sports activities and amusement and recreation activities	573
94	Activities of membership organisations	1573
95	Repair of computers and personal and household goods	142
96	Other personal service activities	1283
97	Private Households With Employed Persons	662
98	Undifferentiated goods- and services-producing activities of private households for own use	0
99	Extra-territorial Organizations And Bodies	55
-1	No answer	1391
-2	Does not apply	459361
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	159895

Waves: 2013–

This variable is designed to provide annual data on the industry of economic activity for all employed persons according to the Statistical Classification of Economic Activities in the European Community (Nomenclature des statistiques des activités économiques de la Communauté européenne - NACE Rev. 2). Respondents answer the question in their own words regarding the industry in which they are currently working. If they don't report a jobchange, information from the previous year is used, cf. introduction to section in PDF-documentation for this file. In order to facilitate international comparability, the European industry standard classification system is used by Kantar Public using Level 3 (Divisions) of the classification system. (Available in this classification since 2013 – wave bd.)

For more information, contact: Knut Wenzig (Tel. +49 30 89789 341, kwenzig@diw.de)

pgbetr – Size of the Company

1	Lt 5	37067
2	Ge 5 Lt 10	20985
3	Ge 11 Lt 20	18138
4	Until 90: Lt 20	9940
5	91-04: Ge 5 Lt 20	25518
6	Ge 20 Lt 100	55267

7	Ge 100 Lt 200	25922
8	Until 98: Ge 20 Lt 200	30259
9	Ge 200 Lt 2000	85019
10	Ge 2000	96605
11	Self-Employed Without Coworkers	16645
-1	No answer	20536
-2	Does not apply	308539
-7	Only available in less restricted edition	0

Waves: all

This variable provides data on the total size of the company (number of employees at all company locations).

Please pay attention to special codes 4, 5, and 8! These codes were necessary due to the differentiation of items for small and medium-sized companies over the years. In the years 1991, 1999, and 2005, respondents were asked about company size in a more detailed form, so when the data were recalculated for the years 1984–90, the original codes (1)–(5) were changed to (4)(8)(9)(10) and (11). For the years 1999 to 2004, Code (8) was differentiated into (6) and (7). From 2005 on, the prior category “5 to 20 employees” (5) has been split into the two categories “5 to 10 employees” (2) and “11 to 20 employees” (3).

In 2012, the questionnaire provides a one-time-only information on the size of the local establishment in addition to the size of the entire company (PGBETR). The enriched questionnaire revealed that in previous interviews, persons have mistakenly provided information on the local establishment size instead of the entire company size, especially if their entire company had 2000 and more employees. Due to the importance of longitudinal consistency, these persons were identified, and their 2012 original value of the entire company size was replaced by their value of the local establishment size. Furthermore, data of persons without a job change were modified if:

- the entire company size varies from 2011 to 2012,
- the local establishment size in 2012 matches the entire company size in 2011.

Those person’s values of the entire company in 2012 were replaced by their values of the local establishment size in 2012.

Please also see PGALLBET for a broader categorization of the firm size, which is appropriate for analyses that include all sample years.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgallbet – Core Category Size Of The Company

1	LT 20	111648
2	GE 20 LT 200	111448
3	GE 200 LT 2000	85019
4	GE 2000	96605
5	Self-Employed Without Coworkers	16645
-1	No answer	20536
-2	Does not apply	308539
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0

-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

This variable is designed to provide annual data on the core size category of the company for all employed persons. Since respondents were asked about company size in more detailed form in the years 1991, 1999, and 2005 (see also PGBETR), the variable PGALLBET contains the lowest common denominator of the variable PGBETR, i.e., the firm size categories available across all SOEP waves. This broader categorization corresponds to the values of variables BETR84 to BETR90 and offers a variable that is consistent across all waves.

In order to maintain longitudinal consistency, there were modifications after a one-time change in the questionnaire in 2012. Please also see PGBETR for more information.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

8 Last Occupation

pgjobend – Reasons for occupational change

1	Terminated by employer	11632
2	Limited Term Employment Relationship (1985-1998)	1823
3	Education, training completed (1985-1998)	763
4	Own resignation	17844
5	Mutual termination (1985-1990, since 1999)	4251
6	Employee requested transfer (1985-1998)	449
7	Company transferred employee (1985-1998)	494
8	Ended self-employment	2075
9	Temporary contract or education/training completed (since 1999)	7452
10	Took early retirement (1987-1998)	545
11	Company closed down (1991-1998, since 2001)	3692
12	Old-age pension (since 1991)	3795
13	Leave of absence/sabbatical (1999-2010)	1928
14	Leave, maternity leave and parental leave (1991-1998, since 2011)	3390
15	Other incl. early retirement, company closed, old-age pension, leave of absence/sabbatical (1985-1986)	173
16	Other incl. company closed, old-age pension, leave of absence/sabbatical (1987-1990)	130
17	Other incl. mutual termination (1991-1998)	688
18	Work permit not extended (since 2019)	19
-1	No answer	7139
-2	Does not apply	633292
-3	Not valid	7853
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	23744
-6	Questionnaire Version With Modified Filter	5024
-7	Only available in less restricted edition	0
-8		12245

Waves: 1985–

This variable is designed to offer annual data on reasons for an occupational change for all formerly employed persons, persons with a job change or persons on leave. For years 1985–1990 also persons who changed positions in the same company are considered. Only persons

with valid dates for an occupational or positional change are included. Likewise to the questionnaire the variable offers data from interview date to interview date not from one year to the following. Respondents are asked about their annual and possibly same occupational change in two consecutive interviews, duplicate answers are therefore considered only once and the older statement is dominant. If a respondent stated a job termination in the current interview which was before the interview date in the previous year but didn't reported this in the previous interview this termination has been counted for the current interview. For years 1985 up to 1998 every given reason was coded as separate variable with variable values "Yes" (1) and "Does not apply" (-2), which resulted in up to 13 different variables. Since 1999 all given reasons have been collected in one single variable with diverse values. If respondent states more than one reason for job termination, the first of the stated reasons is dominant. The year 1990 is specific due to introduction of sample for East Germany. Since the questionnaire did not contain the information on reasons for end of the job all the observations in Sample C in year 1990 obtained value (-5).

Please pay attention to special codes (15), (16), and (17)! These codes were necessary due to the variety of the given values over the years. In any years respondents were asked about reasons for change with more or less given answers and from years 1985–1998 also the answer "Other" was possible. While all explicit reasons have been recoded to uniform values, the answer "Other" then in some years includes reasons for which in other years was separately asked for: "Other" was coded (15) for years 1985 and 1986, (16) for years 1987–1990 and (17) for years 1991–1998.

For years 1991–1998 and 2011–2012 there is a variable value "Leave, maternity leave and parental leave" whereas for 1999–2010 the given reason covered only "Leave of absence/sabbatical". Note that codes (2) and (3) for years 1985–1998 have been merged to code (9) since 1999.

In 2013 the respondents of the newly introduced migration sample were not asked about an occupational change, but in 2014 they were. So information on jobend for the migration sample in 2013 were taken from the questionnaire in 2014.

Since 2006 youth questionnaires have been embodied in survey tools. Nevertheless, the questionnaires do not contain the information on jobend. Therefore, in order to account for the persons represented by the youth questionnaires the negative value (-5) has been introduced starting from year 2006.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

9 Employment History

pgexpft – Working Experience Full-Time Employment

-1	No answer	13944
-2	Does not apply	0
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

This variable reflects the total length of full-time employment in the respondent's career up to the point of the interview in a given year. The variable is created by combining monthly information on employment status from the calendar dataset ARTKALEN (which provides monthly information on activity status since an individual entered the SOEP) and annual

information from the biographical dataset PBIOSPE (which provides information on activity status over the individual's life course). PGEXPFT gives the length of time in years with months in decimal form.

If there is no monthly calendar data available in a given year of a respondent's career, the annual data from PBIOSPE is used for that year. In the most current wave the variable only uses up-to-date information from the newly answered Biography Questionnaires. If the year in which a spell started and ended is the same, and if there is no monthly data, a spell of 0.5 years is assumed. Persons without annual data (not contained in PBIOSPE) are only assigned a non-missing value for this variable if they joined SOEP by the age of 18 and if there is calendar data on them in ARTKALEN.

Persons whose life course has been observed completely but with no spell of full-time employment are assigned the code (0). The code (-1) is assigned to all persons whose life course has not been observed completely. Persons with inconsistent information receive a (-3).

Please also see PGEXPPT and PGEXPUE.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgexpft – Working Experience Part-Time Employment

0	424730
0.0829999968409538	4927
0.166999995708466	5767
0.25	5752
0.333000004291534	4948
0.416999995708466	4287
0.5	15262
0.583000004291534	4158
0.666999995708466	3857
0.75	3482
0.833000004291534	3109
0.916999995708466	2872
1	22460
1.08299994468689	2742
1.16700005531311	3106
... (555 rows omitted)	225006
49.8330001831055	1
50	21
50.1669998168945	1
50.5	1
50.8330001831055	1
51	4
51.3330001831055	1
51.5830001831055	1
-1 No answer	13944
-2 Does not apply	0
-3 Not valid	0
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	0
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0

Waves: all

This variable reflects the total length of part-time employment in the respondent's career up to the point of the interview in a given year. The variable is created by combining monthly information on employment status from the calendar dataset ARTKALEN (which provides monthly information on activity status since an individual entered the SOEP) and annual information from the biographical dataset PBIOSPE (which provides information on activity status over the life course of an individual). PGEXPPT gives the length of time in years with months in decimal form.

If there is no monthly calendar data available in a given year of a respondent's career, the annual data from PBIOSPE is used for that year. In the most current wave the variable only uses up-to-date information from the newly answered Biography Questionnaires. If the year in which a spell started and ended is the same, and if there is no monthly data, a spell of 0.5 years is assumed. Persons without annual data (not contained in PBIOSPE) are only assigned a non-missing value for this variable if they joined SOEP by the age of 18 and if there is calendar data on them in ARTKALEN.

Persons whose life course has been observed completely but with no spell of full-time employment are assigned the code (0). The code (-1) is assigned to all persons whose life course has not been observed completely. Persons with inconsistent information receive a (-3).

Please also see PGEXPFT and PGEXPUE.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

pgexpue – Unemployment Experience

0	488403
0.0829999968409538	10704
0.166999995708466	9214
0.25	8310
0.333000004291534	6457
0.416999995708466	5883
0.5	32188
0.583000004291534	5708
0.666999995708466	5933
0.75	5315
0.833000004291534	4411
0.916999995708466	3975
1	23310
1.08299994468689	4313
1.16700005531311	4054
... (360 rows omitted)	118274
36.3330001831055	1
37	6
37.25	1
38	30
39	1
41	3
44	1
49	1
-1 No answer	13944
-2 Does not apply	0
-3 Not valid	0

-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

This variable reflects the total length of unemployment in the respondent's career up to the point of the interview in a given year. The variable is created by combining monthly information on employment status from the calendar dataset ARTKALEN (which provides monthly information on activity status since an individual entered the SOEP) and annual information from the biographical dataset PBIOSPE (which provides information on activity status over the life course of an individual). PGEXPUE gives the length of time in years with months in decimal form.

If there is no monthly calendar data available on a given year in a respondent's career, the annual data from PBIOSPE is used for that year. In the most current wave the variable only uses up-to-date information from the newly answered Biography Questionnaires. If the year in which a spell started and ended is the same, and if there is no monthly data, a spell of 0.5 years is assumed. Persons without annual data (not contained in PBIOSPE) are only assigned a non-missing value for this variable if they joined SOEP by the age of 18 and if there is calendar data on them in ARTKALEN.

Persons whose life course has been observed completely but with no spell of full-time employment are assigned the code (0). The code (-1) is assigned to all persons whose life course has not been observed completely. Persons with inconsistent information receive a (-3).

Please also see PGEXPFT and PGEXPPT.

For more information, contact: Alexandra Fedorets (Tel. +49-30-89789-321, afedorets@diw.de)

10 Volunteering

pghonor1 – First Voluntary Work

1	Yes	12511
2	No	6263
-1	No answer	174
-2	Does not apply	86095
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	645397
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: 2017–

The variable PGHONOR1 gives information whether a first side job is a honorary post or not. This variable is a direct copy of the original variable in \$P.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pghonor2 – Second Voluntary Work

1	Yes	4247
---	-----	------

2	No	810
-1	No answer	117
-2	Does not apply	99869
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	645397
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: 2017–

The variable PGHONOR2 gives information whether a first side job is a honorary post or not. This variable is a direct copy of the original variable in \$P.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

pghonor3 – Third Voluntary Work

1	Yes	1326
2	No	190
-1	No answer	50
-2	Does not apply	103477
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	645397
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: 2017–

The variable PGHONOR3 gives information whether a first side job is a honorary post or not. This variable is a direct copy of the original variable in \$P.

For more information, contact: Markus Grabka (Tel. +49-30-89789-339 / mgrabka@diw.de)

11 School, Higher and Vocational Education

pgiscd97 – ISCED-1997-Classification

0	in school	19187
1	inadequately	26876
2	general elementary	108440
3	middle vocational	352607
4	vocational + Abi	42219
5	higher vocational	45940
6	higher education	140921
-1	No answer	14250
-7	Only available in less restricted edition	0

Waves: all

The educational variable (PGISCED97) classifies all correspondents' educational degrees according to the "International Standard Classification of Education (ISCED)" of 1997 in order

to make degrees internationally comparable. The variable is generated retrospectively from 1984 onwards taking into account degrees and diplomas attained in both general schooling and in vocational/university education and indicates the highest degree obtained. E.g., persons who did not indicate secondary school degrees/diplomas but a university degree are placed in the highest ISCED category. Please note that, due to a lack of more detailed information on tertiary degrees in earlier waves – in particular on PhD – we include all tertiary degrees in ISCED category 6. Thus, the ISCED variable provided here is not comparable one-to-one with the ISCED levels as defined by the OECD, since we have included the original ISCED level 5A in our ISCED category 6. OECD (1999): *Classifying Educational Programmes: Manual for ISCED-97 Implementation in OECD Countries*, Paris.

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgisced11 – ISCED-2011-Classification

0	in school	1942
1	Primary education	24108
2	Lower secondary education	39798
3	Upper secondary education	142795
4	Post-secondary non-tertiary education	25508
5	Short-cycle tertiary education	12945
6	Bachelors or equivalent level	49411
7	Masters or equivalent level	25238
8	Doctoral or equivalent level	2926
-1	No answer	3157
-2	Does not apply	422612
-7	Only available in less restricted edition	0

Waves: 2010–

The educational variable (PGISCED11) classifies all correspondents' educational degrees according to the "International Standard Classification of Education (ISCED)" of 2011 in order to make degrees internationally comparable. The variable is generated retrospectively From 2010 onwards taking into account degrees and diplomas attained in both general schooling and in vocational/university education and indicates the highest degree obtained. Note that for respondents from the newly introduced migration samples, we can differentiate between university degrees (Bachelor/Master/PhD) obtained in Germany. If the university degree was obtained abroad, the degree is counted as Bachelor, because further differentiation between university degrees abroad is only possible for a subgroup of migrants.

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgcasmin – CASMIN Classification

0	(0) In School	19058
1	(1a) Inadequately Completed	28824
2	(1b) General Elementary School	86272
3	(1c) Basic Vocational Qualification	190150
4	(2b) Intermediate General Qualification	23714
5	(2a) Intermediate Vocational	155477
6	(2c_gen) General Maturity Certificate	33803
7	(2c_voc) Vocational Maturity Certificate	53701

8	(3a) Lower Tertiary Education	51004
9	(3b) Higher Tertiary Education	89917
-1	No answer	18520
-7	Only available in less restricted edition	0

Waves: all

Another internationally comparable educational variable is PGCASMIN where educational degrees/diplomas are classified according to the scheme “Comparative Analysis of Social Mobility in Industrial Nations (CASMIN)”. As for PGISCED, the variable is generated for all respondents retroactively from 1984 onwards and indicates the highest degree obtained by the respondent.

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgbilzeit – Amount Of Education Or Training In Years

7		25143
8.5		2763
9		96518
10		23906
10.5		165296
11		34227
11.5		105952
12		70949
13		37565
13.5		8112
14		11924
14.5		15748
15		25813
16		19864
17		2039
18		64766
-1	No answer	14070
-2	Does not apply	25785
-7	Only available in less restricted edition	0

Waves: all

The following statements describe the standard computation for schooling. The school years and the additional vocational training are added together.

As can be seen, the assignment table are not very differentiated. For example, special schools for health care professions and other kinds of specialized schools are all included in the “technical school” label. However, in Germany, this assignment is the most commonly used one when earnings functions based on human capital theory are estimated.

schooling	years
no degree	7
lower school degree	9
intermediary school	10
degree for a professional college	12
high school degree	13

schooling	years
other	10

additional occupational training (includes universities)	years
apprenticeship	1.5
technical schools (incl. health)	2
civil servants apprenticeship	1.5
higher technical college	3
university degree	5

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpsbil – School-Leaving Degree

? What type of school-leaving certificate did you attain? (from: soep-core/soep-core-2014-ll/49;lsab7[4354])

1	Secondary School Degree	241354
2	Intermediate School Degree	198885
3	Technical School Degree	33748
4	Upper Secondary Degree	132611
5	Other Degree	75575
6	Dropout, No School Degree	23282
7	No School Degree Yet	19671
8	No School Attended	4691
-1	No answer	11852
-2	Does not apply	8771
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

All respondents in all SOEP subsamples are asked about diplomas/degrees attained for completion of secondary/tertiary education (1984–1993 blue questionnaire; since 1994 biographical questionnaire) the first time they participate in SOEP. First: to generate this variable, the different diploma/degree categories provided for Subsamples B and D (see PGPSBILA) as well as C (see PGPSBILO) are integrated into the West German diploma/degree categories (Subsample A) and continued on in this form. Second: this data is regularly updated to take into account any changes in highest diploma/degree attained. With the survey of 2000, all educational information was collected again and is reflected in the variables.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpbil01 – Vocational Degree Received

1	Apprenticeship	305578
---	----------------	--------

2	Vocational School	55983
3	Health Care School	9229
4	Technical School	40904
5	Civil Service Training	17362
6	Other degree	28241
7	Completed Vocational Training/Education in Germany	0
-1	No answer	2826
-2	Does not apply	290317
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

All respondents in all subsamples are asked about vocational degrees attained the first time they participate in SOEP (1984–1993 blue questionnaire; since 1994 biographical questionnaire). To generate the variable, the different vocational degrees for Subsamples B and D (cf. PGPBBILA) as well as C (cf. PGPBBILO) are integrated into the West German vocational degree categories (Subsample A). The categories that originally each constituted individual variables are combined to make them compatible with the annual question about changes in vocational degrees attained, and this data is updated annually.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpbbil02 – College Degree

1	Technical College	35275
2	University, Technical College	58551
3	College Not In Germany	14039
4	Engineering, Technical School (East)	16504
5	University (East)	13263
6	graduation, state doctorate	2311
7	graduation, state doctorate (foreign country, east)	603
8	institution of higher education (youth)	0
9	Dual Studies, University of Cooperative Education	293
10	Other Colleges (since 2014)	82
-1	No answer	6694
-2	Does not apply	602825
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

All respondents in all subsamples are asked about completed college education the first time they participate in SOEP (1984–1993 blue questionnaire; since 1994 biographical questionnaire). To generate the variable, the different degrees/diplomas for all subsamples are integrated. Category (3) “college abroad” is only defined for persons who completed a foreign-language version of the questionnaire (mainly persons from Samples B and D). Generation

of the variable entails combining the categories to make them compatible with the annual question about changes in vocational degrees/diplomas attained. Since 2002, there have been two separate codes (4 and 5) for degrees/diplomas attained in the former GDR.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpbbil03 – No Vocational Degree

1	No Vocation Degree	148314
2	Apprenticeship	28540
3	University	22999
-1	No answer	9722
-2	Does not apply	540865
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

In connection with the question about vocational degrees (PGPBBIL01 and PGPBBIL02), all first-time respondents to all subsamples are explicitly asked whether they (still) do not possess a vocational degree. In the subsequent years, this data is carried forward or updated. The variable has the Missing Value Code -2 (does not apply) if one of the other two variables on vocational degree has a positive value.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpsbilo – School-Leaving Degree East Germany

1	8th Grade Completed	40333
2	10th Grade Completed	69204
3	College Entrance Exam	23627
4	Other Degree	954
5	Dropout, No School Degree	1957
6	No School Degree Yet	0
-1	No answer	277
-2	Does not apply	277489
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	272369
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	64230

Waves: all

As a supplement to the variable PGPSBIL the highest secondary school degree/diploma in East Germany is provided as a separate variable and updated if necessary for 1991. Since 1992, secondary degrees/diplomas are asked only in the West German version. New SOEP respondents are also asked about secondary degrees/diplomas obtained in the former GDR; and for old respondents, the same codes are carried forward.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpbbilo – Vocational Degree Received East Germany

1	Vocational Training	72048
2	Master Craftsman	7705
3	Engineering, Technical Degree	17577
4	Other degree	1166
-1	No answer	0
-2	Does not apply	513358
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	74356
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	64230

Waves: all

To supplement the variable PGPBBIL01 the highest secondary school degree/diploma in East Germany is provided as a separate variable and updated if necessary for 1991. Since 1992 only the West German version has been used for new vocational degrees. For new SOEP respondents, vocational degrees attained in the former GDR are asked as well; for old respondents, the same codes are carried forward. From 2002 on, the questionnaire was expanded and revised, but this led to an operationalization involving more assumptions on the vocational degrees attained in the GDR; (from 2002 on, Code 3 is also listed as the additional category Code 4 in the integrated variables PGPBBIL03 if this degree has not been replaced by a more recently attained, higher-level university or college degree).

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpsbila – School-Leaving Degree Outside Germany

? What type of school-leaving certificate did you attain? (from: *soep-core/soep-core-2014-11/47;lsab5[3763]*)

1	School, No Degree	22683
2	School, With Degree	44792
3	Vocational Extension School	35675
4	School Leaving Degree[Sbil] Acquired Abroad	28
5	Certificate from a different school	625
-1	No answer	956
-2	Does not apply	636813
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	8868
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

As a supplement to the PGPSBIL, this variable provides annually updated data on the highest secondary school degree/diploma attained abroad.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpbbila – Vocational Degree Outside Germany

1	On-The-Job Training	3247
2	Vocational Training	4438
3	Vocational School	3962
4	College	3122
5	Other	922
6	Vocational Degree[Bbil01] Acquired Abroad	0
7	College Education[Bbil02] Acquired Abroad	0
8	Completed Vocational Training/Education Other Country	1856
9	graduation, state doctorate (foreign country)	43
11	With Certificate, On-The-Job Training	1305
12	With Certificate, Vocational Training	6485
13	With Certificate, Vocational School	8780
14	With Certificate, University	15120
15	With Certificate, Other	1329
16	With Certificate, Vocational Degree[bbil01] Acquired Abroad	120
17	With Certificate, College Education[Bbil02] Acquired Abroad	293
18	With Certificate, Completed Vocational Training/Education Other Country	0
19	With Certificate, PhD (Other Country)	477
-1	No answer	1235
-2	Does not apply	689933
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	7773
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

As a supplement to the variable PGPBBIL01, this variable gives (and updates) the highest-level vocational degree attained abroad.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgfield – Field of tertiary education

1	Sprach- und Kulturwissenschaften allgemein	529
2	Protestant Theology	784
3	Catholic Theology	34
4	Philosophy	328
5	History	502
6	Bibliothekswissenschaft, Dokumentation, Publizistik	251
7	Allgemeine und vergleichende Literatur und Sprachwissenschaft	852
8	Altphilologie (klass. Philologie), Neugriechisch	154
9	Germanistik (Deutsch, germanische Sprachen ohne Anglistik)	1707
10	English Studies	668
11	Romance Philology	279
12	Slavonic Studies	126
13	Aussereuropäische Sprach- und Kulturwissenschaften	170
14	Cultural Studies	112

15	Psychology	1072
...	(36 rows omitted)	58621
68	Civil Engineering	2258
69	Surveying and Mapping	243
74	Art, Aesthetics	459
75	Fine Arts	108
76	Design	766
77	Darstellende Kunst, Film und Fernsehen, Theaterwissenschaft	229
78	Music, Musicology	813
83	Outside the structure of the university system	288
-1	No answer	70352
-2	Does not apply	607575
-3	Not valid	1160
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: -1985

The variable is designed to provide information on the field of education of tertiary degrees which adds details to the information recorded in the variable PGPBBIL02. While the latter variable records if a person holds a degree PGFIELD contains more detailed information on the type of the degree. The data of the generated variable PGFIELD stem from two sources:

1. Person questionnaire: Each year since 1985 respondents are asked if they have left education since the beginning of the year prior to the survey and which degrees they have obtained. This part of the questionnaire contains an open question on the type and the field of newly obtained tertiary degrees. This information is coded and used for the generation of the variable PGFIELD.
2. Biography questionnaire: Since 2001 similar information is collected from respondents who fill in the biography questionnaire (usually during the first two years of participation in the panel). In contrast to the information from the person questionnaire the questions do not refer to currently obtained degrees but to degrees obtained during the time before being part of the SOEP sample.

In the variable PGFIELD we combine these two types of information. However, since the retrospective information was not collected before 2001 the variable covers until 2000 only persons for whom we have prospectively observed the end of study. This explains why the number of valid observations is rather small in these years. Information on the data source is stored in the variable PGFDT_F.

Each year the variable contains the most recently collected information. Take for instance a person for whom we have observed a first degree in sociology in 1987 and a second degree in economics in 1991. For this person the variable PGFIELD would be filled as follows:

year	value
1984-1986	-2 does not apply
1987-1990	26 political/social science
1991-today	30 economics

If you want to take into account that a person holds two degrees you have to combine the information from all available years. However, only a minority of the population holds more

than one tertiary degree. In very few cases we encounter the problem that a respondent provides information on two different degrees in one survey year. This only happens in years when respondents fill in the person as well as the biography questionnaire. In these cases we prioritize the information from the person questionnaire as it refers to the current situation while the biography questionnaire contains retrospective information. Furthermore, there are cases who report an applied university degree and a university degree in the biography questionnaire. In these cases, the variable contains information on the university degree only. The variable is coded according to the classification on fields of education („Fächergruppen“) provided by the Statistisches Bundesamt (2009). Until 2009 data from the person questionnaire were coded using an earlier version of this classification (1982). In the variable PGFIELD we recoded the original values. As the newer version is more precise this could be done with hardly any loss of information. Some categories are collapsed. Category 3 is coded as 2 (no distinction between catholic and protestant theology), 14 as 13, 17 as 16, 24 as 23, 25 as 26 and 48 as 49. The original values of the data collected from the person questionnaire up to 2009 are stored in the respective variables in the dataset PL.

Please note that for respondents from the newly introduced migration sample a valid value to PGFIELD was only assigned if the tertiary degree was attained in Germany.

Statistisches Bundesamt (2009): Bildung und Kultur. Studierende an Hochschulen, Fachserie 11, Reihe 4.1, Wiesbaden: 446ff, Übersicht 1: „Fächergruppen, Studienbereiche und Studienfächer“.
For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgdegree – Type of tertiary degree

11	Magister	2070
12	Diplom (University)	17986
13	Bachelor	1994
14	Master	1890
15	1st State Examination	2372
16	Other state examination	2378
21	Diplom (at technical college, technical college for administration)	12670
22	Bachelor (at technical college, technical college for administration)	1313
23	Master (at technical college, technical college for administration)	296
31	Teacher training,BA,MA at elementary, lower secondary schools/primary level	2126
32	Teacher training,BA,MA at 2ndary level 1/elementary schools/primary level	129
33	Teacher training,BA,MA at intermediate scndry schools/scndry level I	950
34	Teacher training, BA, MA at secondary level II and I	78
35	Teacher training,BA,MA at academic 2ndry schools,2ndry levl 2,genrl school	1388
36	Teacher training, BA, MA at special needs schools	570
37	Teacher training, BA, MA at vocational schools	245
38	Teacher training, other	6095
41	Academic degree in the arts	276
42	Doctorate	3276
43	Post-doctoral dissertation (Habilitation)	87
44	Other degree	2590
98	Not categorizable	0
-1	No answer	81842
-2	Does not apply	607588
-3	Not valid	231
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0

-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: -1985

The variable is designed to provide information on the type of tertiary degree (e.g., Diploma, Bachelor, Master) which adds details to the information recorded in the variable PGPBBIL02. While the latter variable records if a persons holds a degree, PGDEGREE contains more detailed information on the type of the degree. The data of the generated variable PGDEGREE stem from two sources:

1. Person questionnaire: Each year since 1985 respondents are asked if they have left education since the beginning of the year prior to the survey and which degrees they have obtained. This part of the questionnaire contains an open question on the type and the field of newly obtained tertiary degrees. This information is coded and used for the generation of the variables PGDEGREE.
2. Biography questionnaire: Since 2001 similar information is collected from respondents who fill in the biography questionnaire (usually during the first two years of participation in the panel). In contrast to the information from the person questionnaire the questions do not refer to currently obtained degrees but to degrees obtained during the time before being part of the SOEP sample.

In the variable PGDEGREE we combine these two types of information. However, since the retrospective information was not collected before 2001 the variable covers until 2000 only persons for whom we have prospectively observed the end of study. This explains why the number of valid observations is rather small in these years. Information on the data source is stored in the variable PGFDT_F.

Each year the variable contains the most recently collected information. Take for instance a person for whom we have observed first an applied university diploma in 1987 and a university diploma in 1991. For this person the variables DEGREE\$\$ would be filled as follows:

year	value
1984-1986	-2 does not apply
1987-1990	21 diploma (applied university)
1991-today	12 diploma (university)

If you want to take into account that a person holds two degrees you have to combine the information from all available years. However, only a minority of the population holds more than one tertiary degree. In very few cases we encounter the problem that a respondent provides information on two different degrees in one survey year. This only happens in years when respondents fill in the person as well as the biography questionnaire. In these cases we prioritize the information from the person questionnaire as it refers to the current situation while the biography questionnaire contains retrospective information. Furthermore, there are cases who report an applied university degree and a university degree in the biography questionnaire. In these cases, the variables contain information on the university degree only.

The variable is coded according to a slightly collapsed version of the classification on types of tertiary degrees ("Prüfungsgruppen und Abschlussprüfungen") provided by the Statistisches Bundesamt (2009). Until 2009, data from the person questionnaire were coded using an earlier version of this classification (1982) which was slightly revised in 2009 (inclusion of Bachelor and Master degrees). Since 2010 the data were coded according to the classification

presented here. In the variable PGDEGREE we recoded the original values from years 2009 and earlier. As the newer version is more precise this could be done with hardly any loss of information. Some categories are collapsed. Category 16 was mostly likely coded as 15 in earlier years, 34 as 35 and 43 as 44. The original values of the data collected from the person questionnaire up to 2009 are stored in the respective variables in the dataset \$P.

Please note that for respondents from the newly introduced migration sample a valid value to PGDEGREE was only assigned if the tertiary degree was attained in Germany.

Statistisches Bundesamt (2009): Bildung und Kultur. Studierende an Hochschulen, Fachserie 11, Reihe 4.1, Wiesbaden: 449ff, Übersicht 2: „Prüfungsgruppen und Abschlussprüfungen“.

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgtraina – Apprenticeship - two-digit occupation KldB92

110	Farmers, general	1646
111	Fruit and vegetable farmers (non-horticultural)	11
112	Arable farmers (special, permanent crops)	39
113	Livestock farmers and pasture farmers	0
114	Seed, crop producers, propagators (non-horticultural)	7
115	Crop protectors	34
116	Farmers and landlords	60
118	Farmers and wine growers	11
120	Wine growers, general	38
121	Vine propagators	0
129	Other wine growers	0
130	Agricultural workers, general	400
131	Agricultural supervisors	0
132	Agricultural machinery drivers	0
133	Vineyard workers	0
...	(2263 rows omitted)	163208
9911	Specialized professionals without further specification	128
9921	Homeworkers without further specification	0
9931	Forepersons, group leaders without further specification	0
9941	Persons doing community service without further specification	0
9951	Self-employed persons without further specification	0
9961	Consultancy, planning professionals without further specification	12
9971	Other employees without further specification	10685
-1	No answer	5698
-2	Does not apply	568463
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: -1985

The variable is designed to provide information on the occupation of vocational training which adds details to the information recorded in the variable PGPBIL01. In addition to the variable PGTRAINA, we provide the variables PGTRAINB, PGTRAINC and PGTRAIND.

All these variables record the occupation of vocational training. The difference is that PG-TRAINA contains information on vocational training within the German dual system which combines firm-based and school-based training (apprenticeship). PGTRAINB is designed to provide information on the occupation of full-time school based vocational training. PG-TRAINC contains information on level vocational training (e.g., Meister, Techniker). PG-TRAIND is designed to provide information on the occupation of civil servant training (“Be-amtenausbildung”). We describe in brief detail the construction of the variables PGTRAINA. PGTRAINB, PGTRAINC and PGTRAIND are constructed in an analogous manner. The data of the generated variable PGTRAINA stem from two sources:

1. Person questionnaire: Each year since 1985 respondents are asked if they have left education since the beginning of the year prior to the survey and which degrees they have obtained. This part of the questionnaire contains an open question on the type and the field of newly obtained tertiary degrees. This information is coded and used for the generation of the variable PGTRAINA.
2. Biography questionnaire: Since 2001 similar information is collected from respondents who fill in the biography questionnaire (usually during the first two years of participation in the panel). In contrast to the information from the person questionnaire the questions do not refer to currently obtained vocational qualifications but to qualifications obtained during the time before being part of the SOEP sample.

In the variable PGTRAINA we combine these two types of information. However, since the retrospective information was not collected before 2001 the variable covers until 2000 only persons for whom we have prospectively observed the end of study. This explains why the number of valid observations is rather small in these years. Information on the data source is stored in the variable PGFDT_F.

Each year the variable contains the most recently collected information. Take for instance a person for whom we have observed a first vocational qualification as an electrician in 1987 and a second qualification as a car mechanic in 1991. For this person the variables PGTRAINA would be filled as follows:

year	value
1984-1986	-2 does not apply
1987-1990	31 electrical occupation
1991-today	28 automotive/flight industry occupation

If you want to take into account that a person holds two vocational qualifications you have to combine the information from all available years. In few cases we encounter the problem that a respondent provides information on two different apprenticeships in one survey year. This only happens once, namely in years when respondents fill in the person as well as the biography questionnaire. In these cases we prioritize the information from the person questionnaire as it refers to the current situation while the biography questionnaire contains retrospective information.

The variable is coded according to the classification of occupations at two-digit level („Berufs-gruppen“) provided by the Statistisches Bundesamt (1992). Other SOEP occupation variables are coded at four-digit level. The reason why the variable PGTRAINA is provided at two-digit level only is that until 2009 the data from the two different sources were coded according two different classifications which could be combined at a higher level of aggregation only. The person questionnaire data were coded according to the classification of occupations provided by the Bundesanstalt für Arbeit (1988, four-digit level) while the biography data use

the classification provided by the Statistisches Bundesamt (1992, four-digit level). Since 2010 both types of data are coded according to the latter classification. The four-digit version of the biography data can be provided upon request. The original values of the data collected from the person questionnaire up to 2009 are stored in the respective variables in the dataset PL. Please note that for respondents from the newly introduced migration sample a valid value to PGTRAINA was only assigned if the vocational training was completed in Germany.

Hartmann/Schütz (2002): Die Klassifikation der Berufe und der Wirtschaftszweige im Sozio-oekonomischen Panel. Neuvercodung der Daten 1984–2001. Infratest Sozialforschung, München. For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgtrainb – Vocational school - two-digit occupation KldB92

110	Farmers, general	54
111	Fruit and vegetable farmers (non-horticultural)	0
112	Arable farmers (special, permanent crops)	0
113	Livestock farmers and pasture farmers	0
114	Seed, crop producers, propagators (non-horticultural)	0
115	Crop protectors	0
116	Farmers and landlords	8
118	Farmers and wine growers	0
120	Wine growers, general	0
121	Vine propagators	0
129	Other wine growers	0
130	Agricultural workers, general	44
131	Agricultural supervisors	0
132	Agricultural machinery drivers	0
133	Vineyard workers	0
...	(2263 rows omitted)	28356
9911	Specialized professionals without further specification	54
9921	Homeworkers without further specification	0
9931	Forepersons, group leaders without further specification	0
9941	Persons doing community service without further specification	0
9951	Self-employed persons without further specification	0
9961	Consultancy, planning professionals without further specification	0
9971	Other employees without further specification	5163
-1	No answer	2381
-2	Does not apply	714380
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: -1985

The variable is designed to provide information on the occupation of full-time school based vocational training (e.g., Berufsfachschule, Schule des Gesundheitswesens, Handelsschule). See the description of variable PGTRAINA for more details on the construction and the values of the variable.

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgtrainc – Higher vocational school - two-digit occupation KldB92

110	Farmers, general	395
111	Fruit and vegetable farmers (non-horticultural)	0
112	Arable farmers (special, permanent crops)	42
113	Livestock farmers and pasture farmers	0
114	Seed, crop producers, propagators (non-horticultural)	0
115	Crop protectors	0
116	Farmers and landlords	0
118	Farmers and wine growers	0
120	Wine growers, general	20
121	Vine propagators	0
129	Other wine growers	0
130	Agricultural workers, general	14
131	Agricultural supervisors	0
132	Agricultural machinery drivers	0
133	Vineyard workers	0
...	(2263 rows omitted)	18376
9911	Specialized professionals without further specification	0
9921	Homeworkers without further specification	0
9931	Forepersons, group leaders without further specification	0
9941	Persons doing community service without further specification	0
9951	Self-employed persons without further specification	0
9961	Consultancy, planning professionals without further specification	0
9971	Other employees without further specification	3317
-1	No answer	1492
-2	Does not apply	726784
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: -1985

The variable is designed to provide information on the occupation of higher level vocational training (e.g., Meister, Techniker). See the description of variable PGTRAINA for more details on the construction and the values of the variable.

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgtraind – Civil servant training - two-digit occupation KldB92

110	Farmers, general	2
111	Fruit and vegetable farmers (non-horticultural)	0
112	Arable farmers (special, permanent crops)	0
113	Livestock farmers and pasture farmers	0
114	Seed, crop producers, propagators (non-horticultural)	0
115	Crop protectors	0
116	Farmers and landlords	0

118	Farmers and wine growers	0
120	Wine growers, general	0
121	Vine propagators	0
129	Other wine growers	0
130	Agricultural workers, general	0
131	Agricultural supervisors	0
132	Agricultural machinery drivers	0
133	Vineyard workers	0
...	(2263 rows omitted)	6502
9911	Specialized professionals without further specification	0
9921	Homeworkers without further specification	0
9931	Forepersons, group leaders without further specification	0
9941	Persons doing community service without further specification	0
9951	Self-employed persons without further specification	0
9961	Consultancy, planning professionals without further specification	0
9971	Other employees without further specification	1963
-1	No answer	557
-2	Does not apply	741416
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

Waves: -1985

The variable is designed to provide information on the occupation of civil servant training ("Beamtenausbildung"). See the description of variable PGTRAINA for more details on the construction and the values of the variable.

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgfdt_f – Data source FIELD, DEGREE, TRAIN

1	Individual Questionnaire	21014
2	Gap Questionnaire (temporary drop-outs)	756
3	Biographical Questionnaire	202832
4	Various Sources	0
-1	[de] No Answer	0
-2	Does not apply	525838
-7	Only available in less restricted edition	0

Waves: -1985

This is a flag variable which provides information on the data sources used for the construction of the variables PGFIELD, PGDEGREE, PGTRAINA, PGTRAINB, PGTRAINC and PGTRAIND (see the description of the respective variables for details).

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgbiltzch – Change in Education since last survey / last year

0	Inconsistent educational information since last year	596339
1	Inconsistent educational information since last survey	1
2	Inconsistent educational information since last year	3335
-2	Does not apply	150765
-7	Only available in less restricted edition	0

Waves: -1985

This is a flag variable which identifies observations with inconsistent changes in the information on highest educational qualification compared to the previous observation or year. Questions on highest educational attainment have been asked in the first survey and were only updated in subsequent years if the respondent reported a change. In the year 2000, every single SOEP participant was asked his highest level of educational attainment which produced a number of inconsistencies between the most recent information from 2000 and the generated information from previous years. These inconsistencies include both higher and lower educational attainment and are not just due to repeating the question about educational attainment in 2000. They also occur more generally, although to a lower degree, in the second survey wave of new samples when respondents to individual and life history questionnaires are asked to state their educational attainment. In both situations, respondents are not only asked annual questions about any changes in educational attainment since the previous year, but are also asked to state their highest level of educational attainment.

In our view there is no means of unequivocally correcting for these inconsistencies. The flag variable helps researchers to identify observations with inconsistent answers to educational questions in the cross-sectional perspective. Researchers need to decide how to deal with these on a case-by-case basis depending on the research question at hand.

So far, we have not found evidence that respondents with a change in the year 2000 differed systematically from other respondents. One possible approach would be to exclude these individuals from the analysis when sample size allows. Alternatively, one could apply the information collected in 2000 to the prior years in which no changes were recorded between two years and test whether the results differ from those obtained when these individuals are left out.

File BIOEDU contains new data on consistent longitudinally tested educational transitions. For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

pgbilztev – Change in Education, total observed period

0	Consistent educational information	637550
1	Inconsistent educational decline	8
2	Inconsistent educational increase	64665
3	Inconsistent educational decline and increase	0
-2	Does not apply	48217
-7	Only available in less restricted edition	0

Waves: -1985

This flag variable identifies observations with at least one inconsistent change in the information given on individual highest educational qualification over the whole observation period. See the description of variable PGBILZTCH for more details on the sources of these inconsistencies.

For more information, contact: Charlotte Bartels (Tel. +49-30-89789-346)

12 Political Attitudes

pgpicoriga – Party Identification in Country of Origin

1	Yes	241
2	No	4088
-1	No answer	136
-2	Does not apply	0
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	25405
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	720570

pgpicorigb – Party Identified with in Country of Origin

		720570
AF_a_Afghan Nation		9
AF_a_Afghanistan Republic Party		4
AF_a_Islamic Society		3
AF_a_Islamic Unity Party of Afghanistan		2
AF_a_National-Islamic Front of Afghanistan		1
AF_a_National Islamic Movement of Afghanistan		3
AF_a_Peoples Islamic Movement of Afghanistan		2
AF_a_Peoples Islamic Unity Party of Afghanistan		7
AL_a_Red and Black Alliance		1
AL_PD_Democratic Party of Albania		4
AL_PS_Socialist Party of Albania		1
AM_HAK_Armenian National Congress		1
AM_OEK_Rule of Law		1
does not apply		4224
... (22 rows omitted)		25557
RS-KM_a_Serbian List		2
RS-KM_LDK_Democratic League of Kosovo		1
RS-KM_PDK_Democratic Party of Kosovo		1
RS_DS_Democratic Party		1
RU_ER_United Russia		1
RU_LDPR_Liberal Democratic Party of Russia		3
RU_SR_A Just Russia		1
SO_a_Democratic Party of Somalia		1
SO_a_United Somali Parliamentarians		1
SY_a_Arab Socialist Ba'ath Party		15
SY_a_Arab Socialist Union of Syria		1
SY_a_Free Syrian Army		7
SY_a_Syrian Communist Party		5
SY_a_Syrian National Coalition		9
UA_a_Party of Regions Opposition Bloc		1

pgpicorigc – Party Family of PI in Country of Origin

0	Not Categorized	57
1	ECO_Ecological Parties	0
2	COM_Socialist Parties	7
3	SOC_Social Democratic Parties	6
4	LIB_Liberal Parties	3
5	CHR_Christian Democratic Parties	0
6	CON_Conservative Parties	10
7	NAT_Nationalist Parties	23
8	AGR_Agrarian Parties	0
9	ETH_Ethnic and Regional Parties	22
10	SIP_Special Issue Party	0
11	ISP_Islamic Parties	7
-1	No answer	106
-2	Does not apply	4224
-3	Not valid	0
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	25405
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0
-8	Question this year not part of survey	720570

13 Information on the Interview**pgmonth** – Month Of Interview

1	January	44399
2	February	177189
3	March	192047
4	April	112956
5	May	66650
6	June	49094
7	July	36417
8	August	26567
9	September	19405
10	October	13167
11	November	7697
12	December	4803
-1	No answer	0
-2	Does not apply	0
-3	Not valid	49
-4	Forbidden Multiple Response	0
-5	Not Included In Questionnaire Version	0
-6	Questionnaire Version With Modified Filter	0
-7	Only available in less restricted edition	0

Waves: all

Month of interview is generated using the answers to the individual questionnaire. Missing answers are filled in using data from the files HBRUTTO and HBRUTTOL. Interviews that took place in December and before the 20th of that month were recoded -3.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgpiyear – Personal Related Survey Year

2009	20776
2010	259
2017	31894
2018	31402
2019	31169
2020	29979
2021	1298
-2 Does not apply	0
-7 Only available in less restricted edition	0
-8 Question this year not part of survey	603663

Waves: all

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

pgmode – Interview Method

100 With Interviewer Assistance	10877
110 Oral Interview	161438
120 Written Ques. No Interviewer	140627
130 Mixed Type	0
131 Written Ques. Interviewer	25195
132 Oral And Written	19728
133 Proxy	155
134 Third Person Present	3227
135 No Third Person Present	20991
140 CAPI - Since 1998 (O)	278890
150 Cawi Since 2014 (BE)	10967
200 Telephone Assistance	0
210 Written, By Mail	72817
220 Telephone Interview	4404
-1 No answer	1105
-2 Does not apply	0
-3 Not valid	19
-4 Forbidden Multiple Response	0
-5 Not Included In Questionnaire Version	0
-6 Questionnaire Version With Modified Filter	0
-7 Only available in less restricted edition	0

Waves: all

The interview method is generated via the answers to the questions in the individual questionnaire. Missing answers are filled in from the files PBRUTTO and PBRUTTOL.

For more information, contact: Peter Krause (Tel. +49-30-89789-690)

inputdataset – Source dataset

apgen	12245
bapgen	27124
bbpgen	29264
bcpgen	28520
bdpgen	31523
bepgen	28042
bfpgen	27743
bgpgen	29870
bhpgen	33265
bipgen	30997
bjpgen	30397
bkpgen	31083
bpgen	11090
cpgen	10646
dpgen	10516
... (7 rows omitted)	87367
lpgen	13768
mpgen	13511
npgen	13283
opgen	14670
ppgen	14085
qpgen	24576
rpgen	22351
spgen	23892
tpgen	22611
upgen	22019
vpgen	21105
wpgen	22665
xpgen	21232
ypgen	19945
zpgen	21035

Waves: all