Comparative Panel File:
Codebook for CPF v.1.5

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www.cpfdata.com

Comparative Panel File - Open Science Project

The Netherlands

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Comparative Panel File

Comparative Panel File (CPF) is an open science project to harmonize the world's major and longest-running household panel surveys. CPF provides an open-source code to construct a comparative dataset based on the original data from the household panel surveys.

The project has been developed by Konrad Turek, Matthijs Kalmijn and Thomas Leopold.

More information at: www.cpfdata.com.

CPF v.1.5 team

Core team:
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Citing this Codebook

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Citing the main article about the CPF

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Citing the CPF code and project

We kindly ask you to include the following information in publications that use the CPF code:

This paper uses the code from the Comparative Panel File (CPF) version 1.5 available at www.cpfdata.com created by Konrad Turek, Matthijs Kalmijn, Thomas Leopold, and Isabel Voets. The project was supported by the NORFACE Joint Research Programme on the Dynamics of Inequality Across the Life-course. DOI:10.17605/OSF.IO/H3YXQ.

Contents

Introduction

The Codebook presents an overview of variables included in the CPF database in version 1.5. It includes definition, labels and response categories, total frequencies and cross-tabulation by country, additional notes, presentation of original questions and source variables.

Sample selection

1. Interview status: keep all respondents, and in some datasets additionally proxy respondents with valid information
    - keep all observations: KOR, RUS, SWT, UK
    - keep respondents only: AUS, GER,
    - US: only heads (reference persons) and spouses
1. Age: 18 and older
2. Delete observations with missing values for gender and age (a minor correction)

Main identifiers of the hierarchical data structure

To account for the hierarchical data structure use:

- *country* – countries/surveys
- *pid* – respondents
- *wave*, *wavey* or *intyear* – time

Missing values

Codes:

```
-1 "MV general"
-2 "Item non-response"
-3 "Does not apply"
-8 "Question not asked in survey"
.  System missing value – not specified
```

Variables

1. Respondent identifiers

country

Country

1	Australia
2	Korea
3	USA
4	Russia
5	Switzerland
6	Germany
7	UK

Name: country
Label: Country
Unique values: 7
Missing values: 0
Range: [1; 7]
Mean: 4.59
SD: 2.07

Value	Label	Freq.	Percent
1	[1] Australia	290,616	9.6
2	[2] Korea	333,699	11.0
3	[3] USA	472,054	15.5
4	[4] Russia	316,497	10.4
5	[5] Switzerland	170,268	5.6
6	[6] Germany	735,913	24.2
7	[7] UK	720,001	23.7
	Total:	3,039,048	

pid

CPF personal id number

<number>

A unique identifier for respondents, based on the original id number (*orgpid*) with additional two first digits identifying the country (AUS=10, KOR=20, US=30, RUS=40, SWT=50, GER=60, UK=70). *Pid* should be used for panel or multilevel analysis.

Name: pid
Label: CPF personal id number
Unique values: 3,039,048
Missing values: 0
Range: [401; 7.02e+11]
Mean: 4.98e+10
SD: 1.59e+11

orgpid

Personal id from original dataset

<number>

Original personal id number as identified in the source dataset. Note, it is not unique across countries, so should not be used for analysis (use pid instead). *Orgpid* should only be used to connect CPF data with the original datasets (e.g. adding new variables).

Name: orgpid
Label: Personal id from original dataset
Unique values: 3,039,048
Missing values: 0
Range: [1; 1.65e+09]
Mean: 1.54e+08
SD: 3.51e+08

wave

Wave nr

<number>

Country-specific wave number (counting from 1). It can be used for panel analysis.

Name: wave
Label: Wave nr
Unique values: 41
Missing values: 0
Range: [1; 41]
Mean: 18.63
SD: 9.60

Value	Label	Freq.	Percent
1		71,185	2.3
2		65,878	2.2
3		63,844	2.1
4		62,887	2.1
5		62,638	2.1
6		67,093	2.2
7		72,238	2.4
8		72,209	2.4
9		77,676	2.6
10		77,622	2.6
11		87,391	2.9
12		88,700	2.9
13		87,714	2.9
14		86,783	2.9
15		93,868	3.1
16		98,420	3.2
17		107,360	3.5
18		103,783	3.4
19		137,617	4.5
20		139,451	4.6
21		126,926	4.2
22		129,518	4.3
23		116,723	3.8
24		115,498	3.8
25		89,645	2.9
26		88,088	2.9
27		78,318	2.6
28		78,136	2.6
29		72,298	2.4
30		70,118	2.3
31		38,307	1.3
32		38,710	1.3
33		41,117	1.4

	34	44,872	1.5
	35	43,077	1.4
	36	43,180	1.4
	37	43,931	1.4
	38	13,693	0.5
	39	13,560	0.4
	40	14,566	0.5
	41	14,410	0.5
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
1	13,262	12,537	7,865	8,330	7,315	11,950	9,926
2	12,369	11,359	7,297	7,900	6,615	10,819	9,519
3	12,056	10,637	7,546	7,786	6,158	10,379	9,282
4	11,750	10,536	7,827	7,998	5,335	10,274	9,167
5	12,066	10,478	8,171	8,311	4,865	9,808	8,939
6	12,173	11,005	8,516	9,288	7,491	9,527	9,093
7	12,066	11,099	8,827	9,628	6,088	13,728	10,802
8	12,057	11,023	9,135	9,782	6,213	13,451	10,548
9	12,595	11,176	9,346	9,808	6,460	13,141	15,150
10	12,795	11,275	9,530	9,553	6,388	12,957	15,124
11	16,754	11,146	9,772	11,638	6,592	13,220	18,269
12	16,655	13,810	10,108	11,508	7,022	13,542	16,055
13	16,690	13,483	10,349	11,174	7,076	13,284	15,658
14	16,711	13,299	10,417	11,156	6,965	13,036	15,199
15	16,811	13,416	10,567	16,891	6,763	14,423	14,997
16	16,941	13,325	10,772	17,327	11,404	13,857	14,794
17	16,888	12,857	10,888	17,708	10,562	24,179	14,278
18	16,779	13,499	11,013	17,076	9,520	22,030	13,866
19	16,787	13,697	11,017	14,389	9,029	23,507	49,191
20	16,411	13,941	11,079	14,341	8,921	22,227	52,531
21	0	23,146	11,154	14,528	8,459	21,643	47,996
22	0	22,467	11,167	14,635	15,027	20,734	45,488
23	0	22,258	14,736	14,153	0	22,300	43,276
24	0	22,230	14,678	14,026	0	20,869	43,695
25	0	0	15,353	13,789	0	19,669	40,834
26	0	0	15,453	13,774	0	20,747	38,114
27	0	0	16,624	0	0	26,696	34,998
28	0	0	16,081	0	0	28,689	33,366
29	0	0	13,123	0	0	27,941	31,234
30	0	0	10,593	0	0	30,913	28,612
31	0	0	10,937	0	0	27,370	0
32	0	0	11,605	0	0	27,105	0
33	0	0	12,115	0	0	29,002	0
34	0	0	12,441	0	0	32,431	0
35	0	0	12,834	0	0	30,243	0
36	0	0	13,350	0	0	29,830	0
37	0	0	13,539	0	0	30,392	0
38	0	0	13,693	0	0	0	0
39	0	0	13,560	0	0	0	0
40	0	0	14,566	0	0	0	0
41	0	0	14,410	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

wavey

Wave - main year of data collection

<year>

In case of single-year data collection, it equals intyear. In case of multi-year data collection, e.g. in UKHLS or PSID, wavey refers to the main (initial) year of data collection and thus can differ from intyear. It can be used for panel analysis.

Name: wavey
Label: Wave - main year of data collection
Unique values: 54
Missing values: 0
Range: [1968; 2021]
Mean: 2,006.33
SD: 11.28

Value	Label	Freq.	Percent
1968		7,865	0.3
1969		7,297	0.2
1970		7,546	0.2
1971		7,827	0.3
1972		8,171	0.3
1973		8,516	0.3
1974		8,827	0.3
1975		9,135	0.3
1976		9,346	0.3
1977		9,530	0.3
1978		9,772	0.3
1979		10,108	0.3
1980		10,349	0.3
1981		10,417	0.3
1982		10,567	0.3
1983		10,772	0.4
1984		22,838	0.8
1985		21,832	0.7
1986		21,396	0.7
1987		21,353	0.7
1988		20,962	0.7
1989		20,694	0.7
1990		28,464	0.9
1991		38,055	1.3
1992		38,013	1.3
1993		37,692	1.2
1994		47,341	1.6
1995		46,462	1.5
1996		43,286	1.4
1997		34,431	1.1
1998		45,506	1.5

1999	58,618	1.9
2000	64,866	2.1
2001	91,148	3.0
2002	77,372	2.5
2003	87,708	2.9
2004	76,990	2.5
2005	86,902	2.9
2006	78,294	2.6
2007	89,290	2.9
2008	74,300	2.4
2009	127,441	4.2
2010	129,418	4.3
2011	144,680	4.8
2012	128,173	4.2
2013	141,736	4.7
2014	126,426	4.2
2015	136,712	4.5
2016	121,802	4.0
2017	136,488	4.5
2018	126,608	4.2
2019	137,213	4.5
2020	126,489	4.2
2021	36,004	1.2
Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
1968	0	0	7,865	0	0	0	0
1969	0	0	7,297	0	0	0	0
1970	0	0	7,546	0	0	0	0
1971	0	0	7,827	0	0	0	0
1972	0	0	8,171	0	0	0	0
1973	0	0	8,516	0	0	0	0
1974	0	0	8,827	0	0	0	0
1975	0	0	9,135	0	0	0	0
1976	0	0	9,346	0	0	0	0
1977	0	0	9,530	0	0	0	0
1978	0	0	9,772	0	0	0	0
1979	0	0	10,108	0	0	0	0
1980	0	0	10,349	0	0	0	0
1981	0	0	10,417	0	0	0	0
1982	0	0	10,567	0	0	0	0
1983	0	0	10,772	0	0	0	0
1984	0	0	10,888	0	0	11,950	0
1985	0	0	11,013	0	0	10,819	0
1986	0	0	11,017	0	0	10,379	0
1987	0	0	11,079	0	0	10,274	0
1988	0	0	11,154	0	0	9,808	0
1989	0	0	11,167	0	0	9,527	0
1990	0	0	14,736	0	0	13,728	0
1991	0	0	14,678	0	0	13,451	9,926
1992	0	0	15,353	0	0	13,141	9,519
1993	0	0	15,453	0	0	12,957	9,282
1994	0	0	16,624	8,330	0	13,220	9,167
1995	0	0	16,081	7,900	0	13,542	8,939
1996	0	0	13,123	7,786	0	13,284	9,093
1997	0	0	10,593	0	0	13,036	10,802

1998	0	12,537	0	7,998	0	14,423	10,548
1999	0	11,359	10,937	0	7,315	13,857	15,150
2000	0	10,637	0	8,311	6,615	24,179	15,124
2001	13,262	10,536	11,605	9,288	6,158	22,030	18,269
2002	12,369	10,478	0	9,628	5,335	23,507	16,055
2003	12,056	11,005	12,115	9,782	4,865	22,227	15,658
2004	11,750	11,099	0	9,808	7,491	21,643	15,199
2005	12,066	11,023	12,441	9,553	6,088	20,734	14,997
2006	12,173	11,176	0	11,638	6,213	22,300	14,794
2007	12,066	11,275	12,834	11,508	6,460	20,869	14,278
2008	12,057	11,146	0	11,174	6,388	19,669	13,866
2009	12,595	13,810	13,350	11,156	6,592	20,747	49,191
2010	12,795	13,483	0	16,891	7,022	26,696	52,531
2011	16,754	13,299	13,539	17,327	7,076	28,689	47,996
2012	16,655	13,416	0	17,708	6,965	27,941	45,488
2013	16,690	13,325	13,693	17,076	6,763	30,913	43,276
2014	16,711	12,857	0	14,389	11,404	27,370	43,695
2015	16,811	13,499	13,560	14,341	10,562	27,105	40,834
2016	16,941	13,697	0	14,528	9,520	29,002	38,114
2017	16,888	13,941	14,566	14,635	9,029	32,431	34,998
2018	16,779	23,146	0	14,153	8,921	30,243	33,366
2019	16,787	22,467	14,410	14,026	8,459	29,830	31,234
2020	16,411	22,258	0	13,789	15,027	30,392	28,612
2021	0	22,230	0	13,774	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

intyear

Year of interview

<year>

In case of single-year data collection, it equals wavey. In case of multi-year data collection, e.g. in UKHLS or PSID, intyear indicates the year of data collection and thus can differ from wavey. It can be used for panel analysis.

Name: intyear
Label: Year of interview
Unique values: 55
Missing values: 0
Range: [1968; 2022]
Mean: 2,006.42
SD: 11.33

Value	Label	Freq.	Percent
1968		7,865	0.3
1969		7,297	0.2
1970		7,546	0.2
1971		7,827	0.3
1972		8,171	0.3
1973		8,516	0.3
1974		8,827	0.3
1975		9,135	0.3
1976		9,346	0.3
1977		9,530	0.3
1978		9,772	0.3
1979		10,108	0.3
1980		10,349	0.3
1981		10,417	0.3
1982		10,567	0.3
1983		10,772	0.4
1984		22,838	0.8
1985		21,832	0.7
1986		21,396	0.7
1987		21,353	0.7
1988		20,962	0.7
1989		20,694	0.7
1990		28,464	0.9
1991		38,055	1.3
1992		37,767	1.2
1993		37,293	1.2
1994		47,152	1.6
1995		46,761	1.5
1996		43,589	1.4
1997		34,381	1.1
1998		45,440	1.5
1999		55,095	1.8

2000	63,548	2.1
2001	92,853	3.1
2002	78,305	2.6
2003	89,232	2.9
2004	76,734	2.5
2005	87,206	2.9
2006	78,426	2.6
2007	89,315	2.9
2008	74,122	2.4
2009	103,236	3.4
2010	127,869	4.2
2011	148,330	4.9
2012	130,268	4.3
2013	141,283	4.6
2014	125,377	4.1
2015	137,498	4.5
2016	124,271	4.1
2017	136,346	4.5
2018	128,104	4.2
2019	139,565	4.6
2020	127,811	4.2
2021	49,446	1.6
2022	786	0.0
Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
1968	0	0	7,865	0	0	0	0
1969	0	0	7,297	0	0	0	0
1970	0	0	7,546	0	0	0	0
1971	0	0	7,827	0	0	0	0
1972	0	0	8,171	0	0	0	0
1973	0	0	8,516	0	0	0	0
1974	0	0	8,827	0	0	0	0
1975	0	0	9,135	0	0	0	0
1976	0	0	9,346	0	0	0	0
1977	0	0	9,530	0	0	0	0
1978	0	0	9,772	0	0	0	0
1979	0	0	10,108	0	0	0	0
1980	0	0	10,349	0	0	0	0
1981	0	0	10,417	0	0	0	0
1982	0	0	10,567	0	0	0	0
1983	0	0	10,772	0	0	0	0
1984	0	0	10,888	0	0	11,950	0
1985	0	0	11,013	0	0	10,819	0
1986	0	0	11,017	0	0	10,379	0
1987	0	0	11,079	0	0	10,274	0
1988	0	0	11,154	0	0	9,808	0
1989	0	0	11,167	0	0	9,527	0
1990	0	0	14,736	0	0	13,728	0
1991	0	0	14,678	0	0	13,451	9,926
1992	0	0	15,353	0	0	13,141	9,273
1993	0	0	15,453	0	0	12,959	8,881
1994	0	0	16,624	7,962	0	13,220	9,346
1995	0	0	16,081	8,268	0	13,540	8,872
1996	0	0	13,123	7,786	0	13,284	9,396
1997	0	0	10,593	0	0	13,036	10,752

1998	0	12,537	0	7,980	0	14,423	10,500
1999	0	11,359	10,937	18	7,315	13,857	11,609
2000	0	10,637	0	8,311	6,615	24,179	13,806
2001	13,262	10,536	11,605	9,288	6,158	22,030	19,974
2002	12,369	10,478	0	9,628	5,335	23,507	16,988
2003	12,056	11,005	12,115	9,782	4,865	22,227	17,182
2004	11,750	11,099	0	9,808	7,491	21,643	14,943
2005	12,066	11,023	12,441	9,412	6,088	20,734	15,442
2006	12,173	11,176	0	11,758	6,213	22,300	14,806
2007	12,066	11,275	12,834	11,490	6,460	20,869	14,321
2008	12,057	11,146	0	10,957	6,388	19,669	13,905
2009	12,595	13,810	13,350	11,172	6,592	20,488	25,229
2010	12,795	13,483	0	14,695	7,022	26,827	53,047
2011	16,754	13,299	13,539	17,787	7,076	28,817	51,058
2012	16,655	13,416	0	19,266	6,965	27,941	46,025
2013	16,690	13,325	13,672	16,473	6,763	30,913	43,447
2014	16,711	12,857	21	15,233	11,404	27,370	41,781
2015	16,811	13,499	13,560	14,146	10,562	27,105	41,815
2016	16,941	13,697	0	14,797	9,520	29,002	40,314
2017	16,888	13,941	14,443	14,646	9,029	31,103	36,296
2018	16,779	23,146	123	13,981	8,921	30,662	34,492
2019	16,787	22,467	14,382	13,891	8,459	30,545	33,034
2020	16,411	22,258	28	13,893	15,027	29,316	30,878
2021	0	22,230	0	13,766	0	1,270	12,180
2022	0	0	0	303	0	0	483
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

intmonth

Month of interview

<Months 1-12>

Indicates the month of data interview.

Name: intmonth
Label: Month of interview
Unique values: 15
Missing values: 4,480
Range: [-3; 12]
Mean: 6.57
SD: 3.27

Value	Label	Freq.	Percent
-3		5	0.0
-1		4,351	0.1
1		132,471	4.4
2		261,076	8.6
3		342,339	11.3
4		296,387	9.8
5		253,495	8.3
6		199,045	6.5
7		165,323	5.4
8		223,215	7.3
9		378,655	12.5
10		422,119	13.9
11		258,251	8.5
12		102,192	3.4
.		124	0.0
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	0	5	0
-1	5	1,838	2,421	44	22	0	21
1	3,501	383	13,611	6,221	9,736	43,662	55,357
2	2,423	43	31,382	1,612	4,393	174,801	46,422
3	24	2,423	100,799	1,108	198	188,752	49,035
4	0	26,325	116,397	0	2	110,717	42,946
5	0	56,805	89,049	0	0	65,318	42,323
6	0	60,368	49,390	0	0	48,148	41,139
7	1,547	60,185	27,979	0	0	35,473	40,139
8	85,204	54,275	17,669	0	1,094	25,623	39,350
9	134,085	30,857	8,861	8,029	51,026	18,725	127,072
10	45,157	22,465	6,412	156,277	61,292	12,679	117,837
11	15,497	14,465	4,228	108,871	31,417	7,417	76,356
12	3,049	3,267	3,856	34,335	11,088	4,593	42,004
.	124	0	0	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

respstat

Respondent status

(1): Interviewed

(2): Not interviewed (has values)

Status of respondent in relation to a type of interview. Category '2. Not interviewed (has values)' refers to individuals who are not interviewed but they have information available through a proxy questionnaire. Not available for US (information is missing for some waves).

Name: respstat
Label: Respondent status
Unique values: 3
Missing values: 472,057
Range: [1; 2]
Mean: 1.03
SD: 0.17

Value	Label	Freq.	Percent
1	Interviewed	2,494,400	82.1
2	Not interviewed (has values)	72,591	2.4
.		472,057	15.5
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
1	290,616	333,696	0	282,925	170,268	735,913	680,982
2	0	0	0	33,572	0	0	39,019
.	0	3	472,054	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

2. Gender, age

female

Gender (female)

(0): No (respondent is male)

(1): Yes (respondent is female)

Gender of the respondent.

Name: female
Label: Gender (female)
Unique values: 2
Missing values: 0
Range: [0; 1]
Mean: 0.54
SD: 0.50

Value	Label	Freq.	Percent
0	[0] No	1,397,469	46.0
1	[1] Yes	1,641,579	54.0
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
0	137,206	158,964	211,236	132,957	76,483	351,703	328,920
1	153,410	174,735	260,818	183,540	93,785	384,210	391,081
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

yborn

Birth year

<year>

Year of birth. It could have been updated during the panel if at a subsequent wave a more accurate date of birth was obtained. Corresponds to 'age'.

Variable was corrected for US, UK, and RUS:

- missing values were filled based on age if available
- to be consistent across waves: if inconsistent values, then the mode year was selected

Name: yborn
Label: Birth year
Unique values: 127
Missing values: 0
Range: [1870; 2003]
Mean: 1,959.63
SD: 19.63

Value	Freq.	Percent
1870	2	0
1876	7	0
1879	4	0
1880	5	0
1881	38	0
1882	23	0
1883	33	0
1884	58	0
1885	65	0
1886	80	0
1887	121	0
1888	185	0.01
1889	103	0
1890	109	0
1891	238	0.01
1892	255	0.01
1893	265	0.01
1894	424	0.01
1895	431	0.01
1896	577	0.02
1897	495	0.02
1898	525	0.02
1899	622	0.02
1900	1,062	0.03
1901	927	0.03
1902	1,117	0.04
1903	1,060	0.03
1904	1,450	0.05
1905	1,876	0.06
1906	1,950	0.06
1907	2,514	0.08
1908	2,506	0.08
1909	3,047	0.1
1910	3,824	0.13
1911	3,857	0.13
1912	4,294	0.14

1913	4,932	0.16
1914	4,955	0.16
1915	5,024	0.17
1916	5,343	0.18
1917	6,145	0.2
1918	5,855	0.19
1919	7,313	0.24
1920	9,149	0.3
1921	11,470	0.38
1922	10,786	0.35
1923	11,730	0.39
1924	13,880	0.46
1925	13,597	0.45
1926	15,611	0.51
1927	16,820	0.55
1928	19,831	0.65
1929	20,862	0.69
1930	22,017	0.72
1931	22,833	0.75
1932	22,970	0.76
1933	22,149	0.73
1934	25,080	0.83
1935	27,093	0.89
1936	29,229	0.96
1937	32,610	1.07
1938	35,095	1.15
1939	35,687	1.17
1940	37,295	1.23
1941	38,042	1.25
1942	37,247	1.23
1943	36,145	1.19
1944	38,549	1.27
1945	36,870	1.21
1946	44,099	1.45
1947	51,306	1.69
1948	50,867	1.67
1949	50,592	1.66
1950	50,517	1.66
1951	51,319	1.69
1952	53,176	1.75
1953	53,031	1.74
1954	54,778	1.8
1955	57,291	1.89
1956	56,269	1.85
1957	58,336	1.92
1958	57,698	1.9
1959	58,526	1.93
1960	60,230	1.98
1961	60,386	1.99
1962	58,613	1.93
1963	58,215	1.92
1964	59,490	1.96
1965	57,693	1.9
1966	57,505	1.89
1967	54,341	1.79
1968	56,194	1.85
1969	53,507	1.76
1970	53,972	1.78
1971	52,232	1.72
1972	52,228	1.72
1973	48,528	1.6
1974	48,871	1.61
1975	45,920	1.51
1976	43,784	1.44
1977	43,357	1.43
1978	43,437	1.43
1979	42,999	1.41
1980	45,385	1.49
1981	41,027	1.35

1982	38,379	1.26
1983	37,997	1.25
1984	35,525	1.17
1985	32,658	1.07
1986	31,845	1.05
1987	29,649	0.98
1988	28,394	0.93
1989	26,432	0.87
1990	25,391	0.84
1991	23,319	0.77
1992	22,040	0.73
1993	19,192	0.63
1994	17,444	0.57
1995	15,287	0.5
1996	13,381	0.44
1997	11,450	0.38
1998	9,216	0.3
1999	7,407	0.24
2000	5,773	0.19
2001	3,730	0.12
2002	1,946	0.06
2003	511	0.02
Total:	3,039,048	100

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	1901	2002	1964.8	1966	1951	1980	18.8
[2] Korea	1902	2002	1962.8	1964	1950	1976	17.3
[3] USA	1870	2001	1948.5	1951	1935	1961	20.1
[4] Russia	1894	2003	1963.7	1965	1951	1979	18.8
[5] Switzerland	1906	2003	1961.4	1961	1949	1973	17.7
[6] Germany	1882	2003	1959.3	1961	1945	1973	19.2
[7] UK	1895	2003	1961.3	1962	1948	1975	19.0
Total	1870	2003	1959.6	1960	1946	1974	19.6

age

Age

<number>

Number of full years at the date of interview. Corresponds to *yborn*.

Variable was corrected for US, UK, SWT and RUS in several ways:

- based on *yborn* if *yborn* was corrected,
- missing values were filled across waves,
- inconsistent values of age (e.g. jumps, non-incremental increases) were corrected based on *yborn.* This correction was done only for cases where difference between *age* and *yborn* was larger than 1. If the difference was 1 or -1, the value was left unchanged (such as situation can occur when respondent the time between two consecutive interviews was shorter than 12 months).

However, there are still respondents with repeated values of age (e.g. age 27 in 2011 and 2012). If required, users can also solve this problem in several ways:

- based on calendar years (which still leaves some repeated values if two interviews were the same year):

```
gen age_2= intyear - yborn if yborn>1000 & yborn<.
```

- and/or add 0.5 to the second repeated value (or subtract from the first repeated value), e.g.:

```
gen age_3 = age
bysort pid (wave): replace age_3 = age_3 + 0.5  if age_3==age_3[_n-1]
```

- or generate age based either on either *intyear* or *wavey* depending on which method brings non-repeating values, e.g.:

```
bysort pid (wave): gen err=1 if age_2==age_2[_n-1]
bysort pid : egen errx=max(err)
gen age_4 = age_2
replace age_4 = wavey - yborn if errx==1
```

Name: age
Label: Age
Unique values: 92
Missing values: 0
Range: [18; 109]
Mean: 46.57
SD: 17.54

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	18.0	101.0	46.1	45.0	31.0	59.0	18.1
[2] Korea	18.0	105.0	48.0	46.0	34.0	61.0	17.5
[3] USA	18.0	109.0	42.9	40.0	30.0	54.0	15.9
[4] Russia	18.0	103.0	46.0	44.0	31.0	59.0	17.8
[5] Switzerland	18.0	103.0	49.4	49.0	36.0	62.0	17.4
[6] Germany	18.0	105.0	46.4	45.0	33.0	59.0	17.2
[7] UK	18.0	104.0	48.2	47.0	34.0	62.0	18.1
Total	18.0	109.0	46.6	45.0	32.0	60.0	17.5

Value	Freq.	Percent.
18	44,393	1.46
19	45,233	1.49
20	45,564	1.5
21	46,254	1.52
22	47,748	1.57
23	50,147	1.65
24	51,608	1.7
25	52,893	1.74
26	53,437	1.76
27	54,465	1.79
28	55,170	1.82
29	56,006	1.84
30	57,201	1.88
31	57,630	1.9
32	58,146	1.91
33	58,640	1.93
34	59,084	1.94
35	59,693	1.96
36	60,037	1.98
37	59,923	1.97
38	60,382	1.99
39	60,525	1.99
40	60,702	2
41	59,843	1.97
42	59,911	1.97
43	59,295	1.95
44	58,909	1.94
45	58,660	1.93
46	58,092	1.91
47	57,499	1.89
48	56,561	1.86
49	55,663	1.83
50	54,642	1.8
51	53,357	1.76
52	52,286	1.72
53	51,247	1.69
54	50,263	1.65
55	49,220	1.62
56	48,097	1.58
57	47,182	1.55
58	46,013	1.51
59	45,141	1.49
60	43,929	1.45
61	43,100	1.42
62	42,048	1.38
63	41,123	1.35
64	40,054	1.32
65	38,849	1.28
66	37,696	1.24
67	36,357	1.2
68	34,984	1.15
69	33,901	1.12
70	32,688	1.08
71	31,377	1.03
72	30,107	0.99
73	28,330	0.93
74	26,653	0.88
75	25,026	0.82
76	23,437	0.77
77	21,936	0.72
78	20,230	0.67
79	18,590	0.61
80	16,983	0.56
81	15,274	0.5
82	13,661	0.45
83	11,878	0.39
84	10,357	0.34

85	8,932	0.29
86	7,472	0.25
87	6,285	0.21
88	5,135	0.17
89	4,144	0.14
90	3,265	0.11
91	2,454	0.08
92	1,809	0.06
93	1,308	0.04
94	945	0.03
95	647	0.02
96	484	0.02
97	319	0.01
98	212	0.01
99	135	0
100	80	0
101	46	0
102	24	0
103	10	0
104	5	0
105	3	0
106	1	0
107	1	0
108	1	0
109	1	0
Total:	3,039,048	

3. Education level

There are 4 variables which categorize the highest education level achieved (*edu3, edu4, edu5, edu5v2*). Education level is harmonized across countries in reference to the on the International Standard Classification of Education (ISCED), as presented in Table X. Due to differences in questionnaires and classifications used in original surveys, not all levels can be harmonized: *edu5v2* additionally separates doctoral education (Tertiary second – ISCED 8) but it is available only for Korea, Switzerland and Germany (waves 27+). Also, it is not possible to fully harmonize data at the detailed ISCED levels.

Years of education (*eduy*) are not available for all countries. In most cases they are not available in the original datasets. For HILDA, we used the CNEF approach to translate education level to years with minor modifications.

People currently in education received their highest level achieved so far. Missing values were filled based on information from other waves when available. It is recommended to clean the variable according to the research perspective (e.g. consider "jumping" values within individual).

The general transition table is presented below:

Table X. *General transition table between four types of classifications of individual's highest education level in CPF and ISCED 2011 and 1997 classifications.*

CPF variables			
edu3	*edu4*	*edu5*	*edu5v2*
Low	Low (below secondary)	Low (below secondary)	Low (below secondary)
	Medium low (lower secondary)	Medium low (lower secondary)	Medium low (lower secondary)
Medium	Medium high (upper secondary)	Medium high (upper secondary)	Medium high (upper secondary)
High	High	High	High
		Very high	
			Very high

ISCED 2011		ISCED 1997
Broad Level	Orientation	Level / Orientation
0	**Early Childhood education**	
	01 Early childhood educational development	Not in ISCED-97
	02 Pre-primary	0
1	**Primary**	
	10 Primary	1
2	**Lower secondary**	
	24 General	2A / 2 General
	25 Vocational	2C / 2 Vocational
3	**Upper Secondary**	
	34 General	3A / 3 General
	35 Vocational	3C / 3 Vocational
4	**Post-secondary non-tertiary**	
	44 General	
	45 Vocational	4C / 4 Vocational
5	**Short cycle tertiary**	
	54 General	5B
	55 Vocational	5B
6	**Bachelor or equivalent**	
	64 Academic	
	65 Professional	
	66 Orientation unspecified	5A
7	**Master or equivalent**	
	74 Academic	
	75 Professional	
	76 Orientation unspecified	5A
8	**Doctoral or equivalent**	
	84 Academic	
	85 Professional	
	86 Orientation unspecified	6

More specific information about transition algorithm for each country is presented below. For details, please see the CPF code and surveys documentation.

HILDA

Education level is coded according to the Australian Standard Classification of Education (ASCED). We recoded it into ISCED according to information documents available from the Department of Education of the Australian Government: https://heimshelp.education.gov.au/sites/heimshelp/files/documents/resources/Documents/ISCED-ASCED-Concordance.pdf

For recoding we used variables *edhigh1* (Highest education level achieved) as the base:

[9] Year 11 and below
[8] Year 12
[5] Cert III or IV
[4] Adv diploma, diploma
[3] Bachelor or honours
[2] Grad diploma, grad certificate
[1] Postgrad - masters or doctorate

In unclear cases supported by *edhists* (Highest year of school completed (excludes equivalents obtained post-school)/currently attending)

Table X. Recoding rules for education level: HILDA

	Level 1	Level 2	Level 3	Level 4	Level 5
edu3	*edhigh1:* 9	*edhigh1:* 8 5	*edhigh1:* 1-4	-	-
edu4	*edhigh1:* 9	*edhigh1:* 9 & *edhists:* 2-5	*edhigh1:* 8 5; *edhigh1:* 9 & *edhists:* 1	*edhigh1:* 1-4	-
edu5	*edhigh1:* 9	*edhigh1:* 9 & *edhists:* 2-5	*edhigh1:* 8 5; *edhigh1:* 9 & *edhists:* 1	*edhigh1:* 3 4	*edhigh1:* 1 2

KLIPS

Education level in KLIPS is classified as follows (variable *p__0110*):

1) before school age
2) no schooling
3) elementary school
4) lower secondary
5) upper secondary
6) 2-years college, vocational, technical, associate degree
7) university (4 years or more)
8) graduate school (master's)
9) graduate school (doctoral)

It is based on questions: What type of education institution did person attend last or is attending? Did she/he complete the schooling?

Table X. Recoding rules for education level: KLIPS

	Level 1	Level 2	Level 3	Level 4	Level 5
edu3	1 2 3 4	5 6	7 8 9	-	-
edu4	1 2 3	4	5 6	7 8 9	-
edu5	1 2 3	4	5 6	7	8 9
edu5v2	1 2 3	4	5 6	7 8	9

PSID

PSID contains the highest year of school that a person has completed coded from 1 to 17 (value of 17 indicates that the person completed at least some postgraduate education). Variables contain values for Reference Persons/Spouses/Partners and OFUMs aged 16 years or older who were in the Family Unit in the prior year. Beside PSID documentation, we also used other documentation for reference, e.g. from UNESCO:

http://uis.unesco.org/sites/default/files/documents/isced_2011_mapping_en_usa_1.xlsx

Table X. Recoding rules for education level: PSID

	Level 1	Level 2	Level 3	Level 4	Level 5
edu3	1-11	12-15	16-17	-	-
edu4	1-8	9-11	12-15	16-17	-
edu5	1-8	9-11	12-15	16	17

RLMS

We used variable *educ* for recoding:

0) 0 grades of school
1) 1 grade of school
2) 2 grades of school
3) 3 grades of school
4) 4 grades of school
5) 5 grades of school
6) 6 grades of school
7) 7 grades of school
8) 8 grades of school
9) 9 grades of school
10) 7-9 grades of school [unfinished secondary] + PTU, FZU without diploma
11) 7-9 grades of school [unfinished secondary] + PTU, FZU with diploma
12) 10 and more grades of school whithout Secondary School Diploma
13) 7-9 grades of school [unfinished secondary] & at least 2 years of technical school
14) Secondary School Diploma
15) 10 and more grades of school & any professional education without diploma
16) 10 and more grades of school & any professional education with diploma
17) 10 and more grades of school & technical school without diploma
18) Technical, medical, musis etc school
19) 1-2 years in Institute, University, Academy
20) 3 and more years in Institute, University, Academy

21) Institute, University, Academy Diploma
22) Graduate school, residency without diploma
23) Graduate school, residency with diploma

This variable is originally constructed by the RLMS team based on questions such as:

- What grade level in school did you complete?
- Do you have a high school diploma?
- Have you studied or are you studying in the educational establishments I will now list for you? If yes, how many years did you study in each and did you receive a diploma?
- Let me clarify, what is your highest educational level which is confirmed by certificate or diploma?

Table X. Recoding rules for education level: RLMS

	Level 1	Level 2	Level 3	Level 4	Level 5
edu3	0-13	14-18	19-23	-	-
edu4	0-6	7-13	14-18	19-23	-
edu5	0-6	7-13	14-18	19-20	21-23

SHP

We used variable *isced* (Originally constructed with ISCED codes) for recoding:

-6) specialized school for handicapped
0) 0: Not completed primary (compulsory) education
10) 1: Primary or first stage of basic education
20) 2: Lower secondary or Second stage of basic education
31) 3A: Upper secondary education (preparation for tertiary education)
32) 3B: Upper secondary education (preparation for further prof. education)
33) 3C: Upper secondary education (entrance into the labor market)
41) 4A: Post-secondary education non tertiary (preparation for an institution for higher education)
51) 5A: First stage of tertiary education (general education)
52) 5B: First stage of tertiary education (professional education)
60) 6: Second stage of tertiary education

Table X. Recoding rules for education level: SHP

	Level 1	Level 2	Level 3	Level 4	Level 5
edu3	-6 0 10 20	31-33 41	51-60	-	-
edu4	-6 0 10	20	31-33 41	51-60	-
edu5	-6 0 10	20	31-33 41	51	52 60
edu5v2	-6 0 10	20	31-33 41	51 52	60

SOEP

SOEP contains a few variables coding the educational level, including *pgisced97* (waves till 2009), *pgisced11* (waves 2010+) or *pgcasmin* from *pgen.dta* data file. As the basis, we used *pgisced97* and *pgisced11* (originally constructed

highest educational qualification achieved with ISCED codes), and supported them with information from *pgcasmin* if necessary:

pgisced97
- 0 [0] in school
- 1 [1] inadequately
- 2 [2] general elemantary
- 3 [3] middle vocational
- 4 [4] vocational + Abi
- 5 [5] higher vocational
- 6 [6] higher education

pgisced11
- 0 [0] in school
- 1 [1] Primary education
- 2 [2] Lower secondary education
- 3 [3] Upper secondary education
- 4 [4] Post-secondary non-tertiary education
- 5 [5] Short-cycle tertiary education
- 6 [6] Bachelor s or equivalent level
- 7 [7] Master s or equivalent level
- 8 [8] Doctoral or equivalent level

pgcasmin
- 0 [0] (0) in school
- 1 [1] (1a) inadequately completed
- 2 [2] (1b) general elementary school
- 3 [3] (1c) basic vocational qualification
- 4 [4] (2b) intermediate general qualification
- 5 [5] (2a) intermediate vocational
- 6 [6] (2c_gen) general maturity certificate
- 7 [7] (2c_voc) vocational maturity certificate
- 8 [8] (3a) lower tertiary education
- 9 [9] (3b) higher tertiary education

Category "ISCED 0: In school" classified as Low/ Primary.

More info: https://www.diw.de/documents/publikationen/73/diw_01.c.581299.de/diw_ssp0483.pdf

Edu5v2 is available only for waves 2010+ (based on *pgisced11*). The full code has too many rules to include it in the table, thus the Table presents only the basic rules for *pgisced11.*

Table X. Recoding rules for education level: SOEP (part of the rules presented – only for *pgisced11*)

	Level 1	Level 2	Level 3	Level 4	Level 5
edu3	0 1 2	3 4	5-8	-	-
edu4	0 1	2	3 4	5-8	-
edu5	0 1	2	3 4	5 6	7 8
edu5v2	0 1	2	3 4	5 6 7	8

UKHLS

BHPS and UKHLS have separate variables foe education. We used *isced* (BHPS, waves 1-18), *qfhigh_dv* (UKHLS, waves 19+), and *qfhighoth* (special samples in waves 24 and 27). They present the highest educational qualification ever

reported (originally constructed by the survey team). When constructing conversion rules, we referred to documentation of BHPS/UHKLS and other. Missing values were filled if values from previous waves available (only for age 30+).

isced

0 Not defined
1 Primary
2 low secondary
3 3c:low sec-voc
4 3a:hisec-mivoc
5 5b:higher voc
6 5a:first degree
7 6:higher degree

qfhigh_dv

1 Higher degree
2 1st degree or equivalent
3 Diploma in he
4 Teaching qual not pgce
5 Nursing/other med qual
6 Other higher degree
7 A level
8 Welsh baccalaureate
9 I'nationl baccalaureate
10 AS level
11 Highers (scot)
12 Cert 6th year studies
13 GCSE/O level
14 CSE
15 Standard/o/lower
16 Other school cert
96 None of the above

Table X. Recoding rules for education level: UKHLS (part of the rules presented)

	Level 1	**Level 2**	**Level 3**	**Level 4**	**Level 5**
edu3	*BHPS:* 1 2 *UKHLS:* 14 15 96	*BHPS:* 3 4 *UKHLS:* 7-13 16	*BHPS:* 5-7 *UKHLS:* 1-6	-	-
edu4	*BHPS:* 1 *UKHLS:* 15 96	*BHPS:* 2 *UKHLS:* 14	*BHPS:* 3 4 *UKHLS:* 7-13 16	*BHPS:* 5-7 *UKHLS:* 1-6	-
edu5	*BHPS:* 1 *UKHLS:* 15 96	*BHPS:* 2 *UKHLS:* 14	*BHPS:* 3 4 *UKHLS:* 7-13 16	*BHPS:* 5 6 *UKHLS:* 4-6	*BHPS:* 7 *UKHLS:* 1 2

edu3

Education: 3 levels

(1): [0-2] Low

(2): [3-4] Medium

(3): [5-8] High

Numbers in brackets indicate ISCED-11 levels.

Name: edu3
Label: Education: 3 levels
Unique values: 6
Missing values: 40,795
Range: [-3; 3]
Mean: 1.98
SD: 0.84

Value	Label	Freq.	Percent
-3		13,733	0.5
-2		2,903	0.1
-1		24,159	0.8
1	[0-2] Low	728,437	24.0
2	[3-4] Medium	1460878	48.1
3	[5-8] High	808,938	26.6
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	2,345	0	0	0	11,388
-2	0	0	2,902	0	1	0	0
-1	157	55	175	669	533	8,870	13,700
1	81,545	108,337	117,791	58,345	16,105	146,235	200,079
2	111,382	160,956	262,078	167,804	95,781	406,476	256,401
3	97,532	64,351	86,763	89,679	57,848	174,332	238,433
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

edu4

Education: 4 levels

(1): [0-1] Primary

(2): [2] Secondary lower

(3): [3-4] Secondary upper

(4): [5-8] Tertiary

Numbers in brackets indicate ISCED-11 levels.

Name: edu4
Label: Education: 4 levels
Unique values: 7
Missing values: 40,795

Range: [-3; 4]
Mean: 2.84
SD: 1.07

Value	Label	Freq.	Percent
-3		13,733	0.5
-2		2,903	0.1
-1		24,159	0.8
1	[0-1] Primary	363,067	11.9
2	[2] Secondary lower	365,370	12.0
3	[3-4] Secondary upper	1460878	48.1
4	[5-8] Tertiary	808,938	26.6
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	2,345	0	0	0	11,388
-2	0	0	2,902	0	1	0	0
-1	157	55	175	669	533	8,870	13,700
1	9,282	65,680	51,216	13,989	2,451	39,393	181,056
2	72,263	42,657	66,575	44,356	13,654	106,842	19,023
3	111,382	160,956	262,078	167,804	95,781	406,476	256,401
4	97,532	64,351	86,763	89,679	57,848	174,332	238,433
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

edu5

Education: 5 levels

(1): [0-1] Primary
(2): [2] Secondary lower
(3): [3-4] Secondary upper
(4): [5-6] Tertiary lower(bachelore)
(5): [7-8] Tertiary upper (master/doctoral)

Numbers in brackets indicate ISCED-11 levels.

Name: edu5
Label: Education: 5 levels
Unique values: 8
Missing values: 40,795
Range: [-3; 5]
Mean: 2.95
SD: 1.23

Value	Label	Freq.	Percent
-3		13,733	0.5
-2		2,903	0.1

-1		24,159	0.8
1	[0-1] Primary	363,067	11.9
2	[2] Secondary lower	365,370	12.0
3	[3-4] Secondary upper	1489163	49.0
4	[5-6] Tertiary lower(bachelor)	425,233	14.0
5	[7-8] Tertiary upper (master/doctoral)	355,420	11.7
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	2,345	0	0	0	11,388
-2	0	0	2,902	0	1	0	0
-1	157	55	175	669	533	8,870	13,700
1	9,282	65,680	51,216	13,989	2,451	39,393	181,056
2	72,263	42,657	66,575	44,356	13,654	106,842	19,023
3	111,382	160,956	262,078	167,804	95,781	406,476	284,686
4	68,159	55,891	56,853	15,559	26,350	108,369	94,052
5	29,373	8,460	29,910	74,120	31,498	65,963	116,096
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

edu5v2

Education: 5 levels (v2)

(1): [0-1] Primary

(2): [2] Secondary lower

(3): [3-4] Secondary upper

(4): [5-7] Tertiary first(bachelor/master)

(5): [8] Tertiary second (doctoral)

Numbers in brackets indicate ISCED-11 levels.

Numbers in brackets indicate ISCED-11 levels.

Name: edu5v2
Label: Education: 5 levels (v2)
Unique values: 8
Missing values: 2,218,064
Range: [-2; 5]
Mean: 2.92
SD: 0.95

Value	Label	Freq.	Percent
-2		260	0.0
-1		3,594	0.1
1	[0-1] Primary	89,429	2.9
2	[2] Secondary lower	94,428	3.1

3	[3-4] Secondary upper	424,543	14.0
4	[5-7] Tertiary first(bachelor/master)	204,307	6.7
5	[8] Tertiary second (doctoral)	8,277	0.3
.		2214210	72.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-2	0	0	0	0	1	259	0
-1	0	55	0	0	533	3,006	0
1	0	65,680	0	0	2,451	21,298	0
2	0	42,657	0	0	13,654	38,117	0
3	0	160,956	0	0	95,781	167,806	0
4	0	63,054	0	0	53,790	87,463	0
5	0	1,297	0	0	4,058	2,922	0
.	290,616	0	472,054	316,497	0	415,042	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

eduy

Education: years

<number>

Completed years of education.

Name: eduy
Label: Education: years
Unique values: 30
Missing values: 1,381,437
Range: [-3; 21]
Mean: 11.90
SD: 3.38

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	0.0	18.5	12.3	12.0	11.0	13.0	2.6
[2] Korea	.	.	.	.	.	.	.
[3] USA	-2.0	17.0	12.1	12.0	11.0	14.0	3.3
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	-3.0	21.0	13.2	12.0	12.0	15.0	3.0
[6] Germany	-1.0	18.0	11.3	11.0	10.5	13.0	3.7
[7] UK	.	.	.	.	.	.	.
Total	-3.0	21.0	11.9	12.0	10.5	13.5	3.4

4. Marital and relationship status

We recommended to use *mlstat5* or *parstat6* for analyzing CPF data, and *marstat5* only to compare across CPF and CNEF. All marital variables are built from several input variables, they were cleaned, missing values were filled based on all other available information, contradictory entries were updated with the most reliable information, additionally married was prioritized over other statuses. Due to the complexity of procedures and multiple sources in a minor number of cases information in *mlstat5*, *parstat6* and *marstat5* can be contradictory (as in the original data).

Never married includes singles.

Some countries do not distinct between legal marriage and cohabitation (e.g. US 1968-1976).

See survey-specific details below.

HILDA

Originally constructed variable with values:

- Legally married
- De facto
- Separated
- Divorced
- Widowed
- Never married and not de facto

Based on:

Looking at SHOWCARD, which of these best describes your current marital status? And by "married" we mean in a registered marriage.

- Married (in a registered marriage)
- Separated, but not divorced
- Divorced
- Widowed
- Never married but living with someone in a relationship
- Never married and not living with someone in a relationship

Looking at SHOWCARD, which of the following best describes your current living circumstances?

- Married and living with spouse
- Married, but spouse is in an institution (e.g. nursing home, gaol)
- Married, but living with spouse less than half the time owing to work / other commitments

KLIPS

De facto marriage or permanent cohabitation should be considered as "married". If the couple lives together only on weekends or one of them is away for such temporary reasons as sickness, it should not be considered as "separation.")

What is your current marital status? (De facto marriage or permanent cohabitation should be considered as "married." If the couple lives together only on weekends or one of them is away for such temporary reasons as sickness, it should not be considered as "separation.")

(1) Never married
(2) Married (living with a spouse)
(3) Separated
(4) Divorced
(5) Widowed

PSID

Parsat6 is preferred for US.
Some contradictory results can occur when cross-tabulating different variables about the marital status included in the PSID.

- For waves 1968-1976 no distinction was made between legally married and cohabiting.
- this is partly corrected for Heads in years 77+
- Partners of cohabiting Heads remain in "1", because there is no better category

Variables are based on generic MARITAL STATUS-GENERATED. Categories depending on waves:

- 1968-1976
  - 1 Married
  - 2 Single
  - 3 Widowed
  - 4 Divorced
  - 5 Separated
  - 8 Married, spouse absent
  - 9 NA
- 1977+
  - 1 Married or permanently cohabiting; spouse, partner is present in the FU
  - 2 Single, never legally married and no spouse, partner is present in the FU
  - 3 Widowed and no spouse, partner is present in the FU
  - 4 Divorced and no spouse, partner is present in the FU
  - 5 Separated; legally married but no spouse, partner is present in the FU (the spouse may be in an institution)

An alternative variable (but available only for Heads from 1977+) is *Legal married status*:

- 1 Married
- 2 Never married
- 3 Widowed
- 4 Divorced, annulled
- 5 Separated
- 8 DK
- 9 NA; refused

RLMS

Originally constructed variable *marst* with values:

- Never married
- In a registered marriage
- Living together, not registered
- Divorsed and not remarried
- Widower or widow
- Registered, not living together
- Married

Based on:
What is your marital status?

- Never married
- First Marriage
- Second Marriage

- Divorced
- (Widower/widow)

Do you live with a partner, to whom you are not officially married?

- Yes, you live with a pathner and consider yourself husband and wife
- Yes, you live with a pathner but don't consider yourself husband and wife
- No, you do not live with a pathner

SHP

Originally constructed variable: *Civil status in year of interview*

- single, never married
- married
- separated
- divorced
- widower/widow
- registered partnership
- dissolved partnership

Plus: *Do you have a partner ?*

- yes, living together
- yes, but not living together
- no

SOEP

Based on generic variable *pgfamstd Marital Status In Survey Year.*

1. Married
2. Married, But Separated
3. Single
4. Divorced
5. Widowed
6. Husband/wife abroad
7. Registered Same-Sex Partnership, Living Together
8. Registered Same-Sex Partnership, Living Apart

"*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.[…] 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*." From: https://www.diw.de/documents/publikationen/73/diw_01.c.581299.de/diw_ssp0483.pdf

Contradicting information to other variables is possible.

Example questions:

What is your marital status?

0) Married, living together with my spouse
1) Registered same-sex partnership, living together
   Registration was possible up to September 2017. It may still be valid
2) Married, living (permanently) separated from my spouse
3) Registered same-sex partnership *(eingetragene gleichgeschlechtliche Partnerschaft)* living separately
4) Single, never been married

5) Divorced / registered same-sex partnership *(eingetragene gleichgeschlechtliche Partnerschaft)* annulled
6) Widowed / life partner from registered same-sex partnership *(eingetragene gleichgeschlechtliche Partnerschaft)* deceased

Does your partner live in the same household?

UKHLS

Based on original generic variable *mlstat* (harmonized across waves of BHPS and UKHLS) and supported by other input or generic variables in case of missing data (*mastat, mlstat_bh, marstat marstat_dv mastat_dv*).

mlstat *Present legal marital status*

- Married
- Separated
- Divorced
- Widowed
- Never married
- In a civil partnership
- Have a dissolved civil partnership
- Separated from a civil partnership
- Surviving partner of a civil partnership

mastat *Marital status*

- Child under 16
- Married
- Living as couple
- Widowed
- Divorced
- Separated
- Never married
- Civil partnership
- Dissolved civil part
- Sep from civil part
- Survive from civ par

mlstat5

Formal marital status

(1): Married/registered
(2): Never married
(3): Widowed
(4): Divorced
(5): Separated

Only formal marital status included, no information on having/living with partner. “Never married” includes singles.

For PSID:

- US 1968-1976 no distinction between legally married and cohabiting (treated as married – cat "1")
- this is partly corrected for Heads in years 77+
- Partners of cohabiting Heads remain in "1", because there is no better category for them

Name: mlstat5
Label: Formal marital status
Unique values: 9
Missing values: 6,968
Range: [-8; 5]
Mean: 1.66
SD: 1.02

Value	Label	Freq.	Percent
-8	[-8] Not asked	8	0.0
-3	[-3] Not apply	557	0.0
-2	[-2] Item nresp	2,651	0.1
-1	[-1] MV gen	3,752	0.1
1	Married/registered	1826788	60.1
2	Never married	724,952	23.9
3	Widowed	211,566	7.0
4	Divorced	204,908	6.7
5	Separated	63,866	2.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	8	0
-3	0	0	0	0	1	0	556
-2	0	0	0	0	8	2,643	0
-1	47	54	33	485	0	3,044	89
1	145,329	221,239	330,483	170,895	98,900	445,771	414,171
2	103,502	68,893	58,466	77,730	44,150	171,462	200,749
3	15,073	30,088	26,636	39,658	9,218	42,620	48,273
4	18,344	11,185	37,659	26,475	15,439	52,123	43,683
5	8,321	2,240	18,777	1,254	2,552	18,242	12,480
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

parstat6

Partnership living-status

(1): Married/registered, with P
(2): Cohabiting (Not married, Living with P)
(3): Single, No P
(4): Widowed, No P

(5): Divorced, No P

(6): Separated, No P

Includes information on marital status (*mlstat5*) and whether living with partner (P) in household (*livpart*).US 1968-1976 no distinction between legally married and cohabiting – they are treated as married.

Name: parstat6
Label: Partnership living-status
Unique values: 9
Missing values: 4,038
Range: [-3; 6]
Mean: 1.97
SD: 1.40

Value	Label	Freq.	Percent
-3	[-3] Not apply	3,502	0.1
-2	[-2] Item nresp	1	0.0
-1	[-1] MV gen	535	0.0
1	Married/registered, with P	1822531	60.0
2	Cohabiting (Not married, Living with P)	221,081	7.3
3	Single, No P	541,046	17.8
4	Widowed, No P	206,244	6.8
5	Divorced, No P	181,299	6.0
6	Separated, No P	62,809	2.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	0	3,248	254
-2	0	0	0	0	1	0	0
-1	36	49	33	342	0	0	75
1	145,330	220,827	330,439	170,313	98,418	445,771	411,433
2	44,325	0	10,801	22,449	17,753	68,607	57,146
3	59,187	68,898	51,691	55,452	32,183	129,934	143,701
4	15,073	30,088	26,374	39,658	8,454	38,338	48,259
5	18,344	11,185	34,496	26,470	10,851	36,341	43,612
6	8,321	2,652	18,220	1,813	2,608	13,674	15,521
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

marstat5

Primary partnership status

(1): Married or Living with partner

(2): Single

(3): Widowed

(4): Divorced

(5): Separated

This variable is equivalent to the one used in CNEF (and as such corresponding to a respective variable in CNEF files for datasets which provide them). However, the variable has some limitations:

- categories of 'single' and 'living with partner' not fully precise and can be contradictory to other variables
- country differences in inclusion of having/living with partner
- country differences in definition of ‘single’
- Living with a partner has a priority over divorced/widowed/separated

Therefore, it is recommended to use *mlstat5* or *parstat6* for analyzing CPF data.

Name: marstat5
Label: Primary partnership status
Unique values: 9
Missing values: 6,649
Range: [-8; 5]
Mean: 1.60
SD: 1.02

Value	Label	Freq.	Percent
-8	[-8] Not asked	8	0.0
-3	[-3] Not apply	1	0.0
-2	[-2] Item nresp	2,648	0.1
-1	[-1] MV gen	3,992	0.1
1	Married or Living with partner	1989101	65.5
2	Single	572,838	18.8
3	Widowed	210,517	6.9
4	Divorced	197,097	6.5
5	Separated	62,846	2.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	8	0
-3	0	0	0	0	1	0	0
-2	0	0	0	0	5	2,643	0
-1	47	54	33	485	0	3,044	329
1	189,655	221,239	341,240	203,342	116,653	445,771	471,201
2	59,176	68,893	51,691	45,283	32,178	171,462	144,155
3	15,073	30,088	26,374	39,658	8,454	42,620	48,250
4	18,344	11,185	34,496	26,475	10,851	52,123	43,623
5	8,321	2,240	18,220	1,254	2,126	18,242	12,443
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

livpart

Living together with partner

(0): [0] No
(1): [1] Yes

Whether living with partner in the household.

Name: livpart
Label: Living together with partner
Unique values: 4
Missing values: 874
Range: [-2; 1]
Mean: 0.67
SD: 0.47

Value	Label	Freq.	Percent
-2	[-2] Item nresp	48	0.0
-1	[-1] MV gen	826	0.0
0	[0] No	995,556	32.8
1	[1] Yes	2042618	67.2
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-2	47	0	0	0	1	0	0
-1	0	49	33	342	0	0	402
0	100,914	112,823	130,781	123,393	54,096	222,205	251,344
1	189,655	220,827	341,240	192,762	116,171	513,708	468,255
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

nvmarr

Never married
(0): [0] No
(1): [1] Yes

Responded has not been formally married until the interview time.

Australia

Includes two categories of *mrcms* (*Current marital status*): *Never married but living with someone* and *Never married and not living with someone*.

Korea

Based on *p_5501: What is your current marital status? (De facto marriage or permanent cohabitation should be considered as "married." If the couple lives together only on weekends or one of them is away for such temporary reasons as sickness, it should not be considered as "separation.")*

(1) Never married
(2) Married (living with a spouse)
(3) Separated
(4) Divorced
(5) Widowed

US

Based on information on marital status:

1 Married
2 Single
3 Widowed
4 Divorced
5 Separated
8 Married, spouse absent
9 NA

It includes singles considered as never legally married with no partner present in the HH. However, some contradictory results can occur when cross-tabulating different variables about the marital status included in the PSID. Note, that PSID does not separate precisely between cohabiting and married couples. Therefore permanently cohabiting couples with partners present in the HH can be considered as marred (not single) in some cases. The problem should not apply to Reference Persons (Heads). For details, see PSID documentation.

Russia

Based on *marst*:

- Never married
- In a registered marriage
- Living together, not registered
- Divorsed and not remarried
- Widower or widow
- Registered, not living together
- Married

Switzerland

Based on *civsta*:

- single, never married
- married
- separated
- divorced
- widower/widow
- registered partnership
- dissolved *partnership*

Germany

Based on *pgfamstd:*

- Married
- Married, But Separated
- Single
- Divorced
- Widowed
- Husband/wife abroad

- Registered Same-Sex Partnership, Living Together
- Registered Same-Sex Partnership, Living Apart

UK

Based on *mlstat:*

- Married
- Separated
- Divorced
- Widowed
- Never married
- In a civil partnership
- Have a dissolved civil partnership
- Separated from a civil partnership
- Surviving partner of a civil partnership

Missing values filled using other variables – see the general description for UKHLS marital status.

Name: nvmarr
Label: Never married
Unique values: 6
Missing values: 20,211
Range: [-8; 1]
Mean: 0.21
SD: 0.43

Value	Label	Freq.	Percent
-8	[-8] Not asked	8	0.0
-3	[-3] Not apply	557	0.0
-2	[-2] Item nresp	2,651	0.1
-1	[-1] MV gen	16,995	0.6
0	[0] No	2348051	77.3
1	[1] Yes	670,786	22.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	8	0
-3	0	0	0	0	1	0	556
-2	0	0	0	0	8	2,643	0
-1	13,290	54	33	485	0	3,044	89
0	188,757	264,752	420,330	270,729	126,120	558,756	518,607
1	88,569	68,893	51,691	45,283	44,139	171,462	200,749
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

widow

Widowed (current status)

(0): [0] No

(1): [1] Yes

Based on mlstat5.

Name: widow
Label: Widowed (current status)
Unique values: 6
Missing values: 6,968
Range: [-8; 1]
Mean: 0.07
SD: 0.27

Value	Label	Freq.	Percent
-8	[-8] Not asked	8	0.0
-3	[-3] Not apply	557	0.0
-2	[-2] Item nresp	2,651	0.1
-1	[-1] MV gen	3,752	0.1
0	[0] No	2820514	92.8
1	[1] Yes	211,566	7.0
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	8	0
-3	0	0	0	0	1	0	556
-2	0	0	0	0	8	2,643	0
-1	47	54	33	485	0	3,044	89
0	275,496	303,557	445,385	276,354	161,041	687,598	671,083
1	15,073	30,088	26,636	39,658	9,218	42,620	48,273
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

divor

Divorced (current status)

(0): [0] No

(1): [1] Yes

Based on mlstat5.

Name: divor
Label: Divorced (current status)

Unique values: 6
Missing values: 6,968
Range: [-8; 1]
Mean: 0.06
SD: 0.26

Value	Label	Freq.	Percent
-8	[-8] Not asked	8	0.0
-3	[-3] Not apply	557	0.0
-2	[-2] Item nresp	2,651	0.1
-1	[-1] MV gen	3,752	0.1
0	[0] No	2827172	93.0
1	[1] Yes	204,908	6.7
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	8	0
-3	0	0	0	0	1	0	556
-2	0	0	0	0	8	2,643	0
-1	47	54	33	485	0	3,044	89
0	272,225	322,460	434,362	289,537	154,820	678,095	675,673
1	18,344	11,185	37,659	26,475	15,439	52,123	43,683
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

separ

Separated (current status)

(0): [0] No

(1): [1] Yes

Based on mlstat5.

Name: separ
Label: Separated (current status)
Unique values: 6
Missing values: 6,968
Range: [-8; 1]
Mean: 0.02
SD: 0.17

Value	Label	Freq.	Percent
-8	[-8] Not asked	8	0.0
-3	[-3] Not apply	557	0.0
-2	[-2] Item nresp	2,651	0.1
-1	[-1] MV gen	3,752	0.1
0	[0] No	2968214	97.7
1	[1] Yes	63,866	2.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	8	0
-3	0	0	0	0	1	0	556
-2	0	0	0	0	8	2,643	0
-1	47	54	33	485	0	3,044	89
0	282,248	331,405	453,244	314,758	167,707	711,976	706,876
1	8,321	2,240	18,777	1,254	2,552	18,242	12,480
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

5. Children and household composition

Due to differences in questionnaires, it is not possible to fully harmonize information of respondent's children. Therefore, CPF includes several versions of children-related variables:

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
kidsn_hh17	1	1	1	1	1	1	.
kidsn_hh15	1	.	.	.	.	.	1
kidsn_all	1	.	.	1	1	1	.
kids_any	1	.	.	1	1	1	1

The basic recommended variable is *kidsn_hh17*, however, it is not available for UK. For UK use *kidsn_hh15* as a separate variable or – if it suits the research goal – combine both variables. Note that for Russia, *kidsn_hh17* refers to own children only.

Survey differed in criteria of children to which the questions referred to:

- definition of children, e.g. own-born, adopted, of other family members, any children
- indication of the situation of children, e.g. living currently in household, living elsewhere, children ever had
- age of children, e.g. any age, below 18 or 15 years old

For precise information, please refer to original questions and definitions provided below.

Additional notes:

- Australia
    - there are small and unexplained differences between CNEF's d11107 and a variable based on the raw data – raw data were preferred
    - there are alternative input variables for counting children, e.g. any children or dependent children
    - Alternative: Number Of Dependent Children aged 0-14 yo (includes partner's children) based on *hhd0_4, hhd5_9, hhd1014*
- Korea
    - complex information on own children – they are included in HH questionnaire and refer to the head / respondent
    - number of HH members below 15/18 y.o. (existence of children in high school or younger) is not useful for counting own children since it covers the whole household (including e.g. respondent or grandchildren)
- Russia
    - Note that *kidsn_hh17* refers to *Number Of Own Children*
    - Information available from 2004
- UK
    - no threshold for 18 y.o., only children aged 0-15 (plus detailed age ranges), and people 16+
    - additionally: *Number of own children in the household*, which includes natural children, adopted children and step children, under age of 16.

kidsn_hh17

Number Of Children in HH aged 0-17
<number>

Number of persons in the household under the age of 18 (any children: own-born, adopted, of other family members).

Australia

Based on information on the age of HH member from the Household Enumeration Grid (*DV: Age at the last birthday at June 30 of person 1-20 in the HH*): *hgage1-hgage20*.

As an alternative users can use CNEF variable *d11107 [Number of Children in Household]* – it indicates the number of persons in the household under the age of 18 at the time of the interview. There are very small differences with the CPF approach.

Korea

HH members < 18 y.o.

US

Number of Children Under 18 Living with Family

Russia

J72_172. How many children do You have? → J72_173. And how many of them under the age of 18?

* Available from 2004

Switzerland

Based on CNEF variable *d11107* - The number of children in the household is calculated by adding the persons under the age of 18, who are recorded for the household.

Germany

Based on CNEF variable *d11107: Number of Children in HH*

UK

NA

Name: kidsn_hh17
Label: Number Of Children in HH aged 0-17
Unique values: 19
Missing values: 789,537
Range: [-3; 14]
Mean: 0.73
SD: 1.10

Value	Label	Freq.	Percent

-3	5	0.0
-2	12	0.0
-1	374	0.0
0	1364556	44.9
1	384,996	12.7
2	333,141	11.0
3	114,847	3.8
4	33,460	1.1
5	11,017	0.4
6	4,331	0.1
7	1,760	0.1
8	756	0.0
9	461	0.0
10	133	0.0
11	34	0.0
12	11	0.0
13	4	0.0
14	4	0.0
.	789,146	26.0
Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	5	0	0
-2	0	0	0	0	12	0	0
-1	0	0	0	374	0	0	0
0	182,846	222,660	226,422	164,733	117,940	449,955	0
1	42,261	49,239	90,845	52,189	20,972	129,490	0
2	42,164	52,890	86,763	24,698	22,427	104,199	0
3	16,746	8,205	41,339	4,170	7,261	37,126	0
4	4,546	656	15,723	755	1,358	10,422	0
5	1,304	49	6,127	233	237	3,067	0
6	490	0	2,725	128	33	955	0
7	142	0	1,150	50	10	408	0
8	27	0	510	12	11	196	0
9	58	0	331	10	2	60	0
10	19	0	87	0	0	27	0
11	6	0	20	0	0	8	0
12	3	0	8	0	0	0	0
13	0	0	4	0	0	0	0
14	4	0	0	0	0	0	0
.	0	0	0	69,145	0	0	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

kidsn_hh15

Number Of Children in HH aged 0-15
<number>

Number of persons in the household aged 15 or under (any children: own-born, adopted, of other family members).

Australia

Based on information on the age of HH member from the Household Enumeration Grid (*DV: Age at the last birthday at June 30 of person 1-20 in the HH*): *hgage1-hgage20*.

UK

Generic variable based on HH survey and updated with other variables.

Number of any children in HH, not only biological:

nkids_dv

The total number of children aged 15 or under in the household. Count includes children whose age is unknown if the interview outcome code indicates that the person is a child ineligible for interview or a child eligible for a youth interview.

In a minor share of cases, for unclear reasons, this variable differs from the sum of nch02_dv nch34_dv nch511_dv nch1215_dv (Number of children aged X-X in the household). nkids_dv was, however, given priority. MV were update with information from nch02_dv, nch34_dv, nch511_dv, nch1215_dv.

Name: kidsn_hh15
Label: Number Of Children in HH aged 0-15
Unique values: 13
Missing values: 2,006,201
Range: [0; 11]
Mean: 0.58
SD: 0.99

Value	Label	Freq.	Percent
0		684,633	22.7
1		141,742	4.7
2		126,713	4.2
3		42,946	1.4
4		10,581	0.4
5		2,683	0.1
6		871	0.0
7		273	0.0
8		119	0.0
9		36	0.0
10		9	0.0
11		11	0.0

.		2,006,201	66.5
	Total:	3,016,818	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
0	194,007	0	0	0	0	0	490,626
1	39,528	0	0	0	0	0	102,214
2	37,777	0	0	0	0	0	88,936
3	14,217	0	0	0	0	0	28,729
4	3,529	0	0	0	0	0	7,052
5	1,003	0	0	0	0	0	1,680
6	384	0	0	0	0	0	487
7	77	0	0	0	0	0	196
8	51	0	0	0	0	0	68
9	25	0	0	0	0	0	11
10	7	0	0	0	0	0	2
11	11	0	0	0	0	0	0
.	0	333,699	472,054	316,497	170,268	735,913	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

kidsn_all

Number Of Children Ever Had

<number>

Number of children that respondent ever had (also not living in HH, older, in some counties also adopted and deceased.

Australia

History: Total children ever had. Based on: *G1. Now some questions about your family. How many children do you have? Please only include natural and adopted children; not step or foster children.*

Russia

J72_172. How many children do You have?

* Available from 2004

Switzerland

Originally constructed, verified by the respondent - Number of children born. Based on : *How many children do you have?*

Germany

Total Number Of Births – from biobirth data.

Name: kidsn_all
Label: Number Of Children Ever Had
Unique values: 25
Missing values: 1,597,077
Range: [-3; 38]
Mean: 1.58
SD: 1.37

Value	Label	Freq.	Percent
-3		2,058	0.1
-2		9	0.0
-1		111	0.0
0		390,918	12.9
1		291,344	9.6
2		459,920	15.1
3		195,988	6.4
4		65,305	2.1
5		22,319	0.7
6		8,936	0.3
7		3,812	0.1
8		1,838	0.1
9		700	0.0
10		435	0.0
11		157	0.0
12		189	0.0
13		70	0.0
14		19	0.0
15		3	0.0
16		3	0.0
17		6	0.0
18		3	0.0
19		5	0.0
38		1	0.0
.		1594899	52.5
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	2,058	0	0
-2	0	0	0	0	9	0	0
-1	54	0	0	52	5	0	0
0	91,744	0	0	55,604	52,209	191,361	0
1	35,694	0	0	81,896	21,358	152,396	0
2	78,584	0	0	84,621	58,007	238,708	0
3	50,100	0	0	19,432	26,459	99,997	0
4	20,930	0	0	3,371	7,231	33,773	0
5	7,605	0	0	1,402	1,793	11,519	0
6	3,269	0	0	518	738	4,411	0
7	1,395	0	0	254	210	1,953	0
8	663	0	0	116	149	910	0
9	258	0	0	65	19	358	0
10	152	0	0	7	9	267	0
11	35	0	0	3	5	114	0
12	52	0	0	9	4	124	0
13	62	0	0	2	0	6	0

14	14	0	0	0	4	1	0
15	2	0	0	0	0	1	0
16	0	0	0	0	0	3	0
17	0	0	0	0	0	6	0
18	3	0	0	0	0	0	0
19	0	0	0	0	0	5	0
38	0	0	0	0	1	0	0
.	0	333,699	472,054	69,145	0	0	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

kids_any

Has own children

(0): [0] No

(1): [1] Yes

Has currently any own children (also children ever born).

Australia

History: Total children ever had. *Based on: G1. Now some questions about your family. How many children do you have? Please only include natural and adopted children; not step or foster children*

Russia

J72.171. Have You children, relatives or officially adopted? Yes / No

* Available from 2004

Switzerland

Originally constructed - Number of children born. Based on: *How many children do you have?*

Germany

Based on *Total Number Of Births* – from biobirth data.

UK

Based on:

- *Number of biological children in household*
- *Ever had/fathered children*
- *Ever had step/adopted child(ren)*

Name: kids_any
Label: Has own children
Unique values: 6
Missing values: 900,735

Range: [-3; 1]
Mean: 0.71
SD: 0.49

Value	Label	Freq.	Percent
-3	[-3] Not apply	2,058	0.1
-2	[-2] Item nresp	9	0.0
-1	[-1] MV gen	23,892	0.8
0	[0] No	567,134	18.7
1	[1] Yes	1571179	51.7
.		874,776	28.8
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	2,058	0	0
-2	0	0	0	0	9	0	0
-1	54	0	0	122	5	0	23,711
0	91,744	0	0	55,604	52,209	191,361	176,216
1	198,818	0	0	191,748	115,987	544,552	520,074
.	0	333,699	472,054	69,023	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

nphh

Number of People in HH
<number>

Total number of people living in the household at the time of the interveiw.

Australia

CNEF variable *d11106 - Number of Persons in Household*

Korea

Variable *h_0150 - total number of household members* (HH data files)

US

Number of people (children plus adults) in this FAMILY UNIT (living here) (from listing box)

Russia

Variable *nfm*

Switzerland

CNEF variable *d11106 - Number of Persons in Household*

Germany

CNEF variable *d11106 - Number of Persons in Household*

UK

Variable *hhsize* from HH data

Name: nphh
Label: Number of People in HH
Unique values: 19
Missing values: 0
Range: [1; 19]
Mean: 2.99
SD: 1.50

Value	Label	Freq.	Percent
1		419,798	13.8
2		949,216	31.2
3		605,673	19.9
4		638,722	21.0
5		268,506	8.8
6		93,780	3.1
7		34,982	1.2
8		14,284	0.5
9		6,720	0.2
10		3,535	0.1
11		1,725	0.1
12		884	0.0
13		674	0.0
14		295	0.0
15		107	0.0
16		97	0.0
17		43	0.0
18		4	0.0
19		3	0.0
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
1	48,783	32,113	70,036	30,725	29,316	100,823	108,002
2	102,916	69,513	137,652	79,318	62,520	247,732	249,565
3	49,179	72,477	92,835	82,186	25,956	146,938	136,102
4	53,177	112,043	89,512	65,551	34,709	147,116	136,614
5	24,522	35,398	46,203	30,878	13,790	61,537	56,178
6	7,977	8,932	19,532	14,410	3,121	19,424	20,384
7	2,629	2,401	8,285	6,676	604	7,180	7,207
8	791	541	4,126	3,041	150	2,553	3,082
9	330	152	1,979	1,609	27	1,353	1,270
10	159	129	829	1,012	64	606	736
11	59	0	420	575	9	280	382
12	26	0	304	173	2	159	220
13	44	0	177	193	0	143	117
14	12	0	86	121	0	21	55
15	0	0	34	11	0	14	48
16	4	0	20	18	0	16	39

17	8	0	17	0	0	18	0
18	0	0	4	0	0	0	0
19	0	0	3	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

6. Labour market situation

The goal of CPF is to offer a comprehensive view on the labor market situation of individuals. The main variable is employment status, which is presented in two versions. The 5-categorical variable (*emplst5*) is harmonized for all countries. The 6-categorical variable (*emplst6*) includes additionally a category "on leave", but it is not available for Australia and partly for US (before 1976).

*Empls** include following categories:

- Employed – currently employed
- Unemployed (active) – not working and actively looking for work
- Retired, disabled – not working and left the labour market (retired or disabled)
- Not active/home – not active economically (not working, not searching for work), additionally not retired and not in education
- In education – currently in formal education
- On leave (employed) – employed but temporarily on paid leave

Employment status is based on multiple input variables. Prioritization of statuses is applied, so that, for example, being employed is prioritized over being in education. The priority is following:

1. Employed
2. Unemployed
3. In education
4. Retired, disabled
5. Not active/home

Variables e*mplst** do not always correspond to other binary indicators related to labor market situation, e.g. current working status or retirement status. For a more precise classification of unemployed and retired, see respective binary variables.

Two binary indicators of working status (*work_d, work_py*) refer to the approach used in CNEF and are constructed in a different way than the employment status.

Classification can differ from other specific variables (e.g. unemployed *un_act*, retired *retf*), due to prioritization of statuses and differences in classification rules. For example, in emplst5 retirement is classified primarily based on self-categorization, whereas in *retf* it includes a more complex and precise set of criteria; additionally, in emplst5 the status can be updated by statuses with a higher priority (e.g. in education or unemployed).

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
emplst5	1	1	1	1	1	1	1
emplst6	.	1	1	1	1	1	1
work_d	1	1	1	1	1	1	1
work_py	1	.	.	.	1	1	.
mater	1	1	.	1	.	1	1
neverw	1	.	1	1	1	.	.
un_act	1	1	1	1	1	1	1
retf	1	1	1	1	1	1	1
oldpens	1	1	.	1	1	1	1

emplst5

Employment status [5]

(1): Employed
(2): Unemployed (active)
(3): Retired, disabled
(4): Not active/home
(5): In education

Primary employment status.

Australia

Base on *esbrd*: *DV: Current labour force*

- [1] Employed
- [2] Unemployed
- [3] Not in the labour force

Additional criteria:

- retired or disabled
  - retired: self-rep retired completely & age50+ & not active
  - disabled
- in education:
  - Main activity since last worked/looked for work - [3] Study / Went to school… & Currently studying in any of school types specified
  - OR: Still at school

Korea

Based on:

p__0211

(1) in paid employment: employed by others or a company, receiving wages or salaries
(2) self-employed: own and manage my business with or without hired workers
(3) working for family or relatives and not paid

p__0205: had a job or not last week

(1) did not have a job
(2) had a job

p__0203: main activity during last week

(1) worked
(2) temporarily away from work
(3) searched for a job
(4) looked after family or home/child-caring
(5) childcare
(6) attended school
(7) attended preparatory academic institutes to enter a school of higher grade
(8) attended non-academic institutes or vocational training institutes for finding a job

(9) old age
(10) mental/physical illness
(11) preparation to find a job(not attending institutes)
(12) preparation to enter a school of higher grade(not attending academic institutes or schooling)
(13) waited for military service
(14) waiting to be stationed at work
(15) preparation for marriage
(16) did not work in the past week but found a job during the period of the survey.
(17) rest
(18) other
(19) quit job
(20) worked during the past week, but quit during the week of the interview

For details, see the code.

US

Based on:

1 Working now
2 Only temporarily laid off
3 Looking for work, unemployed
4 Retired
5 Permanently disabled
6 Keeping house
7 Student
8 Other

No information on employment for spouses in US before 1975 (only for Reference Persons (Heads))

For details, see the code.

Russia

Based primarily on:

J1: CURRENT WORK STATUS

1 You are currently working

2 You are on paid leave: maternity leave or taking care of a child under 3 years of age

3 You are on another kind of paid leave

4 You are on unpaid leave

5 You are not working

J90:

1 A high school or vocational school student

2 A university or technical school student

3 Unable to work for health reasons, disabled

4 Retired and not working

5 On maternity leave

6 On official leave for looking after a child under 3 years old, not interrupting employment

7 A housewife, caring for other family members, raising children

8 Temporarily not employed for other reasons and looking for a job

9 Temporarily not employed for other reasons and not looking for a job

10 A farmer

11 An entrepreneur

12 Working at an enterprise, organization, collective farm, state farm, or cooperative

13 Working NOT at an enterprise, organization, collective farm, state farm, or cooperative

15 Full time college student

16 Full-time University student

Additionally, receiving pension (J73), and looking for work (J81 & J82).

Note that different variables sometimes provide contradictory information. In particular, this affects categorization of not active and unemployed. For more precise variables, use un_act or retf.

Switzerland

Based on :

wstat:

- active occupied
- unemployed
- not in labor force

Note from SHP manual:

Work status (WSTAT$$) is constructed from P$$W01 (working for pay last week), P$$W03 (have a job although not working last week) and P$$W06 (can start work imme-diately), from the individual questionnaire. Another occupational variable is OCCUPA$$, this information comes from the grid and should be considered as less reliable.

p_w12-p_w14: Currently not working: reasons:

1 Pupil, student, in further training or unpaid work experience

2 In retirement or early retirement or has given up business

3 Permanently disabled and/or unfit for work

4 In compulsory military or community service

5 Fulfilling domestic tasks or care responsibilities

6 Other inactive person

p_w05: Taken steps to find a job: Last 4 weeks: Yes/No.

x_w02: Current main job: Type of employment

Germany

Based on:

plb0022_h: Erwerbsstatus [harmonisiert]

[1] Full-Time Employment

[2] Regular Part-Time Employment

[3] Vocational Training

[4] Marginaly Employed

[5] Near Retirement, Zero Working Hours

[6] Voluntary Military Service

[7] Voluntary Services (FSJ / FOEJ / BFD)

[8] Sheltered Workshop

[9] Not Employed

[10] Internship

[11] Completing compulsory military service / community service

pgstib: Occupational Position

[0] Do Not Know

[10] Not Employed

[11] In Education

[12] Unemployed, Not Employer

[13] Pensioner

… + many specific occupation categories

pglfs: Labor Force Status

1 [1] Non-working

2 [2] NW-age 65 and older

3 [3] NW-in education-training

4 [4] NW-maternity leave

5 [5] NW-military-community service

6 [6] NW-unemployed

8 [8] NW-but sometimes sec. job

9 [9] NW-work but past 7 days

10 [10] NW-but reg. sec. job

11 [11] Working

12 [12] Working but NW past 7 days

We also include information coded in CPF variables *retf* and *un_act*.

Information on active unemployment is not available before 1994.

UK

Based on jbstat:
1 Self-employed
2 Employed
3 Unemployed
4 Retired
5 Maternity leave
6 Family care
7 FT studt, school
8 LT sick, disabld
9 Gvt trng scheme
10 Other

Employed: 1 2 5 10 11
Unemployed (active): 3
Retired, disabled: 4 8
Not active/home: 6
In education: 7 9

Additional criteria include jbhas (Paid work last week), jboff (No work last week but has job), julk4wk (looked for work in last 4 weeks).

Employed includes leaves.

Name: emplst5
Label: Employment status [5]
Unique values: 8
Missing values: 33,178
Range: [-3; 5]
Mean: 1.86
SD: 1.31

Value	Label	Freq.	Percent
-3		25,286	0.8
-1	MV	740	0.0
1	Employed	1824808	60.0
2	Unemployed (active)	153,976	5.1
3	Retired, disabled	618,180	20.3
4	Not active/home	308,119	10.1
5	In education	100,787	3.3
.		7,152	0.2
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	24,948	0	0	0	338
-1	0	0	198	26	0	6	510
1	186,950	191,162	297,928	182,780	116,688	434,716	414,584
2	10,177	8,629	22,043	21,525	3,464	55,675	32,463
3	64,063	38,773	61,672	81,202	25,352	152,427	194,691
4	25,173	78,714	52,359	20,959	18,300	64,970	47,644
5	4,253	16,419	5,756	10,005	6,464	28,119	29,771
.	0	2	7,150	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

emplst6

Employment status [6]

(1): Employed
(2): Unemployed (active)
(3): Retired, disabled
(4): Not active/home
(5): In education
(6): On leave (employed)

Primary employment status. This version includes an additional category of “on leave”, but it is not available for Australia.

Korea

"On leave" includes those who did not work last week, but had a job (we do not include reason due to low frequencies).

US

"On leave" includes "temporarily laid off". Correct only for waves from 1976

Russia

"On leave" includes (J90):

- On maternity leave
- On official leave for looking after a child under 3 years old, not interrupting employment

Switzerland

"On leave" includes:

p_w03: job although not work last week

Germany

"On leave" includes:

maternity leave or work but past 7 days (pglfs) (but not classified as Not Employed elsewhere - pgstib)

UK

"On leave" includes:

- Based on jbstat, maternity leave classified as
- jboff (No work last week but has job)

Name: emplst6
Label: Employment status [6]
Unique values: 9
Missing values: 370,266
Range: [-3; 6]
Mean: 1.84
SD: 1.51

Value	Label	Freq.	Percent
-3		71,767	2.4
-1	MV	731	0.0
1	Employed	1579620	52.0
2	Unemployed (active)	142,086	4.7

3	Retired, disabled	547,464	18.0
4	Not active/home	278,401	9.2
5	In education	95,714	3.1
6	On leave (employed)	25,497	0.8
.		297,768	9.8
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	71,429	0	0	0	338
-1	0	0	189	26	0	6	510
1	0	188,393	261,800	176,928	110,893	431,487	410,119
2	0	8,629	20,332	21,523	3,464	55,675	32,463
3	0	38,773	55,023	81,198	25,352	152,427	194,691
4	0	78,714	47,839	20,935	18,300	64,969	47,644
5	0	16,419	4,936	10,005	6,464	28,119	29,771
6	0	2,769	3,356	5,882	5,795	3,230	4,465
.	290,616	2	7,150	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

work_d

Working: currently (based on selfrep)

(0): [0] No

(1): [1] Yes

Current working status (*work_d*) is based individual's self-reported primary activity at the time of the interview. It does not always correspond to the employment status. In some questionnaires, next to a series of detailed questions about the employment situation, respondent were asked a simple separate question, such as "Are you currently working". This variable is equivalent to the CNEF's variable E11104. It may not be the same as employment in *emplst5*, or other work-related variables.

Australia

Based on CNEF's variable E11104.

Korea

p_0204: Engaged in paid work during the last week

US

Reports "Working now". Correct from 1976+. No information on employment for spouses in US before 1976.

Russia

J1: CURRENT WORK STATUS: 1 You are currently working.

Switzerland

Based on CNEF's variable E11104.

Germany

Based on CNEF's variable E11104.

UK

Not work last week but has job (excluding maternity leave)

Name: work_d
Label: Working: currently (based on selfrep)
Unique values: 5
Missing values: 39,868
Range: [-3; 1]
Mean: 0.57
SD: 0.61

Value	Label	Freq.	Percent
-3	[-3] Not apply	31,137	1.0
-1	[-1] MV gen	1,578	0.1
0	[0] No	1185440	39.0
1	[1] Yes	1813740	59.7
.		7,153	0.2
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	31,137	0	0	0	0
-1	0	0	189	198	0	86	1,105
0	103,666	145,368	142,809	142,668	53,580	299,472	297,877
1	186,950	188,328	290,769	173,631	116,688	436,355	421,019
.	0	3	7,150	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

work_py

Working: last year (based on hours)

(0): [0] No

(1): [1] Yes

Working status in the previous year based on reported working hours in the previous year. Individual with positive wages in the previous year who worked at least 52 hours were classified as working (1). The rest receive 0. It is equivalent to the CNEF's variable E11102.

This variable is available only for datasets which provided separate CNEF files. For other countries, users can adopt the same approach and create the variable based on estimation of yearly hours (however, this may be misguiding, therefore CPF does not provide this variable).

Name: work_py
Label: Working: last year (based on hours)
Unique values: 5
Missing values: 1,854,768
Range: [-2; 1]
Mean: 0.61
SD: 0.52

Value	Label	Freq.	Percent
-2	[-2] Item nresp	3,996	0.1
-1	[-1] MV gen	8,521	0.3
0	[0] No	440,791	14.5
1	[1] Yes	743,489	24.5
.		1842251	60.6
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-2	3,826	0	0	0	170	0	0
-1	0	0	0	0	0	8,521	0
0	113,245	0	0	0	55,798	271,748	0
1	173,545	0	0	0	114,300	455,644	0
.	0	333,699	472,054	316,497	0	0	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

mater

Currently on maternity leave

(0): [0] No

(1): [1] Yes

Respondent reports being on maternity leave.

Australia

bncppl: Paid parental leave.

Note, low frequencies.

Korea

Combines social insurance (p_2142) and company-provided (p_4109) maternity leave. "1" indicates that was used in the last year (not necessarily currently). Note, low frequencies

Russia

J90: 5 On maternity leave

Germany

pglfs: NW-maternity leave

UK

jbstat: 5 Maternity leave

Name: mater
Label: Currently on maternity leave
Unique values: 5
Missing values: 916,274
Range: [-3; 1]
Mean: -0.17
SD: 0.73

Value	Label	Freq.	Percent
-3	[-3] Not apply	137,049	4.5
-1	[-1] MV gen	1,173	0.0
0	[0] No	2101357	69.1
1	[1] Yes	21,417	0.7
.		778,052	25.6
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	136,706	0	0	0	0	5	338
-1	0	0	0	697	0	1	475

0	30,342	319,207	0	314,161	0	722,225	715,422
1	379	1,951	0	1,639	0	13,682	3,766
.	123,189	12,541	472,054	0	170,268	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

neverw

Never worked

(0): [0] No

(1): [1] Yes

Individual who report to have never been employed or working for money.

Australia

NW (*Retired completely from workforce*) and reports "*Never in workforce*" (*rtcomp, rtcompn*)

US

Have you ever done any work for money?

Russia

J78: Ever worked?

Switzerland

p_w608: First regular job: at what age : Never worked

Name: neverw
Label: Never worked
Unique values: 6
Missing values: 1,846,758
Range: [-3; 1]
Mean: -0.02
SD: 0.38

Value	Label	Freq.	Percent
-3	[-3] Not apply	16,123	0.5
-2	[-2] Item nresp	339	0.0
-1	[-1] MV gen	1,684	0.1
0	[0] No	1160816	38.2
1	[1] Yes	31,474	1.0
.		1828612	60.2
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	16,123	0	0

-2	0	0	0	0	339	0	0
-1	0	0	0	472	1,212	0	0
0	289,276	0	462,387	290,174	118,979	0	0
1	1,340	0	9,667	17,140	3,327	0	0
.	0	333,699	0	8,711	30,288	735,913	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

un_act

Unemployed: actively looking for work

(0): [0] No

(1): [1] Yes

It combines information on:

- being currently not employed
- looking for a new work
- actively looking for a new work in the previous 4 weeks (note, there are some differences between countries in these criteria, e.g. in SOEP it is 3 months for waves 1994-1998 and 4 weeks for 1999+)

For Germany information on active unemployment available only from 1994. Before 1994 1 refers to unemployed in general (not necessarily active)

Name: un_act
Label: Unemployed: actively looking for work
Unique values: 6
Missing values: 747,576
Range: [-3; 1]
Mean: -0.61
SD: 1.27

Value	Label	Freq.	Percent
-3	[-3] Not apply	631,084	20.8
-2	[-2] Item nresp	745	0.0
-1	[-1] MV gen	269	0.0
0	[0] No	2183148	71.8
1	[1] Yes	108,324	3.6
.		115,478	3.8
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	0	631,084	0
-2	0	0	0	0	0	745	0

-1	0	0	0	24	0	0	245
0	280,439	303,206	385,619	280,851	166,804	68,782	697,447
1	10,177	8,630	13,903	14,614	3,464	35,227	22,309
.	0	21,863	72,532	21,008	0	75	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

retf

Retired fully

(0): [0] No

(1): [1] Yes

Individuals are classified as retired when no working and meet any of the following criteria:

- Self-categorisation as retired & age 50+
- Receives old-age pension & age 50+
- Age 65+

There are various ways to define the retirement status. In CPF, we offer a combination of several approaches based on the available data. The input variables include working status, self-identification as retired, receiving retirement pension or other type of old-age benefit, and age. Depending on the institutional context, a definition of retirement can be related more to formal status, benefits, or working status.

There are some differences between *retf* and *emplst** due to different criteria and priorities in recoding. E.g. for *retf*, we do not consider educational activity or active unemployment; *emplst** combines retired and disabled into 1 category.

Australia

retf =1 if not economically active &:

- Self-rep retired completely/never in workforce & age 50+
  - nlmact - Main activity since last worked/looked for work (Retired / Voluntarily Inactive)
  - rtcomp/ rtcompn - Retired completely from the workforce (Yes; Never in workforce)
- Receives old-age pension & age 50+
- Age 65+

Korea

retf =1 if not working (NW, no job) &:

- Self-categorisation as retired & age 50+
  - p__0203: main activity during last week
    - (9) old age

- (17) rest
- (19) quit job

- Receives old-age pension & age 50+
- Age 65+

US

retf =1 if not working &:

- Self-categorisation as retired & age 50+
- Age 65+

No reliable information on pensions in the data (for waves 93-03) – see the syntax for more explanation.

Russia

retf =1 if not working &:

- Self-categorisation as retired & age 50+
- Receives old-age pension & age 50+
- Age 65+

Switzerland

retf =1 if not working &:

- Self-categorisation as retired & age 50+
- Receives old-age pension & age 50+
  - p_i90: Payment received from pension schemes
  - p_i70: Payment received from OASI (Old-age insurance system in Switzerland)
- Age 65+

Germany

retf =1 if

- Self-categorisation as retired & age 50+
  - left because of retirement
  - Information filled forward (for years after the event) for individuals who left due to retirement
- Receives old-age pension & age 50+
  - Old-Age Pension/ Rente in previous Year (kal1e01 & kal2d01)
- Age 65+

UK

retf =1 if not working &:

- Self-categorisation as retired & age 50+
- Receives old-age pension & age 50+
- Age 65+

Note that receiving old-age pension covers only waves 13+

Name: retf
Label: Retired fully
Unique values: 4
Missing values: 21,845
Range: [-1; 1]
Mean: 0.20
SD: 0.40

Value	Label	Freq.	Percent
-1	[-1] MV gen	205	0.0
0	[0] No	2411271	79.3
1	[1] Yes	605,932	19.9
.		21,640	0.7
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-1	0	0	0	0	0	6	199
0	229,535	257,268	417,035	236,938	134,341	586,445	549,709
1	61,081	54,989	55,019	79,361	35,927	149,462	170,093
.	0	21,442	0	198	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

oldpens

Receiving old-age pension

(0): [0] No

(1): [1] Yes

Australia

Receives the Age Pension from the Australian Federal Government (bncap, bnfap)

Korea

Type of social insurance (p_2151 p_2161 p_2171 p_2181) includes:

(1) old age pension

(2) disability pension

(3) survivor's pension
(4) lump-sum death payment (national pension)
(5) lump-sum refund (national pension)
(6) private school teachers' pension
(7) government employee/ civil servant pension
(8) military personnel pension
(9) lump-sum refund (special occupation pension)
(10) non-working days allowance
(11) injury benefit
(12) survivor's benefit (industrial accident compensation insurance)
(13) national heroes' pension
(14) childcare leave allowance
(15) maternity leave allowance
(16) other
(17) special old-age pension
(18) unemployment benefit

Note, there are not many cases; read carefully quest and definitions before using.

US

No reliable information on pensions in the data (for waves 93-03) – see the syntax for more explanation.

Russia

Receiving any of the following types of retirement pension:

- a retirement pension
- social security pension for old age [e.g., no length of service or fewer than 5 years of service]
- for length of service as medical worker or teacher
- for length of service as a state employee
- pension for old age by federal provision of pensions assigned to citizens--victims of chernobyl or other disasters
- working pension for old age including early retirement due to work in special conditions

Coded in:

- J74– waves 1994-2000
- J74_1- waves 2001-03
- J74A J74B - waves 2004
- J74_1A/J74_1C waves 2005+
-

Switzerland

p_i90: Payment received from pension schemes

p_i70: Payment received from OASI (Old-age insurance system in Switzerland)

Germany

Receives Old-Age Pension/ Rente in previous Year (kal1e01 & kal2d01)

UK

Receives state retirement (old-age) pension, NI Retirement Pension (*nipens, benpen1, pbnft1*).
NA for waves 1-12.

Name: oldpens
Label: Receiving old-age pension
Unique values: 4
Missing values: 632,164
Range: [-1; 1]
Mean: 0.19
SD: 0.41

Value	Label	Freq.	Percent
-1	[-1] MV gen	17,875	0.6
0	[0] No	1916481	63.1
1	[1] Yes	490,403	16.1
.		614,289	20.2
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-1	0	0	0	0	0	17,875	0
0	253,401	305,697	0	225,401	129,131	559,068	443,783
1	37,215	28,002	0	91,005	41,137	158,895	134,149
.	0	0	472,054	91	0	75	142,069
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

7. Self-employment and entrepreneurship

Self-employment and entrepreneurship refer to the main job.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
selfemp	1	1	1	1	1	1	1
entrep	.	.	.	1	.	1	.
entrep2	1	1	1	1	1	1	1

Alternative specification of self-employment is possible (see lower-level syntax): self-employed v1 (all without Family Business) - only SOEP; self-employed v3 (based on income from self-employment) - e.g. in SHP and SOEP.

For HILDA, classification of self-employed is based on definition by the Australian Bureau of Statistics (ABS), which includes

- "Employee of own business" - people who work for their business which is incorporated
- "Employer/ Self-employed /own account worker" refers to people who work in their own business which is not incorporated Entrepreneurship combines information about self-employment with size of company (only for the main job). Entrep2 is fully harmonized and recommended.

Entrepreneurship combines information about self-employment with size of company (only for the main job). Entrep2 is fully harmonized and recommended. We consider as entrepreneurs people self-employed (selfempl=1) who employ at least 1 person other than respondent (no of own employees>1 or size of company>1).

Additional notes:

Australia

Based on esempst and jbmwps.

For waves 1-4 the question about no of employees does not distinguish "none" and "1". For this reason, variable is not available for waves 1-4. However, if waves 1-4 are neede, two approximations are possible:

- replace entrep2=1 if (esempst==2|esempst==3) & wave<5 & (jbmwpsz>1 & jbmwpsz<.) // >=5 employees
- replace entrep2=1 if (esempst==2|esempst==3) & wave<5 // includes self-employed

Russia

Based on self-classification in J90: *which answer best describes your primary occupation at the present time,* which includes among other:

- a farmer
- an entrepreneur

J29 J55 - opinion about job (entrepreneurial work at this job) is less reliable.

Switzerland

Based on: p_w29 p_w291 p_w293, and p_w31. Additionally: x_w02, x_w02, x_w03.

Germany

To harmonize across waves, we ignored Freie Berufe & Selbst. Landwirte which have employees (recognized for w>=2014)

UK

Based on information on being self-employed and hiring employees (jsboss).

selfemp

Self-employed 2: all with Family Business

(0): [0] No

(1): [1] Yes

Self-employed including those working in Family Businesses

Name: selfemp
Label: Self-employed 2: all with Family Business
Unique values: 6
Missing values: 62,565
Range: [-3; 1]
Mean: 0.07
SD: 0.31

Value	Label	Freq.	Percent
-3	[-3] Not apply	8,200	0.3
-2	[-2] Item nresp	102	0.0
-1	[-1] MV gen	1,700	0.1
0	[0] No	2741952	90.2
1	[1] Yes	234,531	7.7
.		52,563	1.7
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	0	0	8,200
-2	0	0	0	0	0	102	0
-1	0	0	0	697	675	0	328
0	261,315	265,677	404,981	309,632	152,535	693,418	654,394
1	29,301	47,771	34,836	6,168	17,058	42,318	57,079
.	0	20,251	32,237	0	0	75	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

entrep

Entrepreneur (not farmer; has employees)

(0): [0] No

(1): [1] Yes

Name: entrep
Label: Entrepreneur (not farmer; has employees)
Unique values: 5
Missing values: 1,987,458
Range: [-2; 1]
Mean: 0.01
SD: 0.12

Value	Label	Freq.	Percent
-2	[-2] Item nresp	48	0.0
-1	[-1] MV gen	697	0.0
0	[0] No	1036567	34.1
1	[1] Yes	15,023	0.5
.		1986713	65.4
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-2	0	0	0	0	0	48	0
-1	0	0	0	697	0	0	0
0	0	0	0	309,991	0	726,576	0
1	0	0	0	5,809	0	9,214	0
.	290,616	333,699	472,054	0	170,268	75	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

entrep2

Entrepreneur (incl. farmers; has employees)

(0): [0] No

(1): [1] Yes

Name: entrep2
Label: Entrepreneur (incl. farmers; has employees)
Unique values: 7
Missing values: 401,764
Range: [-8; 1]
Mean: -0.41
SD: 1.35

Value	Label	Freq.	Percent

-8	[-8] Not asked	49,437	1.6
-3	[-3] Not apply	297,962	9.8
-2	[-2] Item nresp	102	0.0
-1	[-1] MV gen	1,025	0.0
0	[0] No	2571960	84.6
1	[1] Yes	65,324	2.1
.		53,238	1.8
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	49,437	0	0	0	0	0	0
-3	0	0	0	0	0	0	297,962
-2	0	0	0	0	0	102	0
-1	0	0	0	697	0	0	328
0	229,325	301,310	436,076	309,632	161,355	724,561	409,701
1	11,854	12,138	3,741	6,168	8,238	11,175	12,010
.	0	20,251	32,237	0	675	75	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

8. Employment: level

Due to differences in questionnaires, there are several possible variables indicating employment level and number of working hours. CPF provides all of them so that users can choose and transform them for their purposes. Besides, however, CPF provides harmonized and unified generated variables ready to use: *fptime_h, wheek and whmonth* .

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
fptime_h	1	1	1	.	1	1	1
fptime_r	1	1	.	.	1	1	1
whyear	1	.	1	.	1	1	.
whday	.	.	.	1	.	.	.
whweek	1	1	1	1	1	1	1
whmonth	1	1	1	1	1	1	1
whweek_ctr	.	1	.	.	1	1	1

Whweek and *whmonth* are available or estimated for all countries.

Whyear is for 5 countries (KOR & RUS missing). Values for the missing two countries can be calculated based on per week/month data. However, CPF does not include it by default because this estimate might be misguiding – it does not reflect the actual working hours per year for respondent who have worked less than 12 full months.

Whday is available only for Russia.

Additionally, the contracted number of hours is provided if available (*whweek_ctr*).

fptime_h

Employment Level (</>=35 h/week)

(1): Full-time

(2): Part-time/irregular

(3): Not empl/other

Full time indicates individuals who worked at least 35 hours per week on average (1,820 hours per year). Those working below 35 per week were assigned as part-time workers. Individuals not employed were included in category 3. It is based on hours worked per week (not contracted).

Name: fptime_h
Label: Employment Level (</>=35 h/week)
Unique values: 7
Missing values: 416,316
Range: [-3; 3]
Mean: 1.91

SD: 1.03

Value	Label	Freq.	Percent
-3		18,067	0.6
-2		4,616	0.2
-1		17,130	0.6
1	Full-time	1117034	36.8
2	Part-time/irregular	467,215	15.4
3	Not empl/other	1038483	34.2
.		376,503	12.4
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	6,201	0	5	28	11,833
-2	4,113	0	0	0	503	0	0
-1	0	0	0	0	10,385	3,585	3,160
1	110,036	116,480	220,641	0	65,819	319,169	284,889
2	55,981	14,674	129,097	0	39,976	111,937	115,550
3	120,486	142,539	116,115	0	53,580	301,194	304,569
.	0	60,006	0	316,497	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

fptime_r

Employment Level (self-reported)

(1): Full-time

(2): Part-time/irregular

(3): Not empl/other

Individual who report to have never been employed or working for money.

Australia

esdtl: Current labour force status:

1 [1] Employed FT

2 [2] Employed PT

3 [3] Unemployed, looking for FT work

4 [4] Unemployed, looking for PT work

5 [5] Not in the labour force, marginally attached

6 [6] Not in the labour force, not marginally attached

Korea

p_0315: (main job) type of work hours-current(or the last):

(1) part-time

(2) full-time

Switzerland

p_w39: Currently, in your main job, do you work parttime or 100% ?

1 part-time

2 100%

Germany

plb0022_h – Employment status

[1] Full-Time Employment

[2] Regular Part-Time Employment

[3] Vocational Training

[4] Marginaly Employed

[5] Near Retirement, Zero Working Hours

[6] Voluntary Military Service

[7] Voluntary Services (FSJ / FOEJ / BFD)

[8] Sheltered Workshop

[9] Not Employed

[10] Internship

[11] Completing compulsory military service / community service

(1=1) (2 4=2) (3 5/11=3)

Name: fptime_r
Label: Employment Level (self-reported)
Unique values: 7
Missing values: 878,586
Range: [-3; 3]
Mean: 1.95
SD: 1.05

Value	Label	Freq.	Percent
-3		20,048	0.7
-2		376	0.0
-1		9,572	0.3
1	Full-time	902,433	29.7
2	Part-time/irregular	340,266	11.2
3	Not empl/other	917,763	30.2
.		848,590	27.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	4	1	20,043
-2	0	0	0	0	376	0	0
-1	0	424	0	0	336	85	8,727
1	128,225	117,570	0	0	60,349	298,614	297,675
2	58,442	13,129	0	0	55,623	114,078	98,994
3	103,949	142,537	0	0	53,580	323,135	294,562
.	0	60,039	472,054	316,497	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

whyear

Work hours per year: worked

<number>

Only for US, the values represent the original question. Additionally, the variable corresponds to CNEF e11101 – if it was available, we included it in CPF. For other countries, it can be estimated based on hours per week. (e.g. whweek*52) or month, however, we do not recommend it if it should reflect the actual working hours per year (in this case, number of months in which respondent was employed should be taken into account).

Australia

e11101

US

Person's annual hours working for money

0 None; did not work

1 - 9,998 Actual number of hours

Switzerland

e11101

Germany

e11101

Name: whyear
Label: Work hours per year: worked
Unique values: 6860
Missing values: 1,398,956
Range: [-3; 8314]
Mean: 1,238.72
SD: 1,079.98

	Min	Max	Mean	p50	p25	p75	SD

[1] Australia	-2.0	4,992.0	1,203.2	1,248.0	0.0	2,080.0	1,095.8
[2] Korea	.	.	.	.	.	.	.
[3] USA	-3.0	7,980.0	1,370.1	1,715.0	0.0	2,080.0	1,056.4
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	-3.0	5,148.0	1,329.5	1,363.1	112.3	2,184.0	1,019.2
[6] Germany	0.0	8,314.0	1,148.6	1,039.0	0.0	2,078.0	1,091.6
[7] UK	.	.	.	.	.	.	.
Total	-3.0	8,314.0	1,238.7	1,352.0	0.0	2,080.0	1,080.0

whday

Work hours per day: worked

<number>

Available only for Russia. We keep it in the CPF so that users can choose which source variable is better (day, week, month). They give inconsistent results. Exploration and potential cleaning is advised.

Name: whday
Label: Work hours per day: worked
Unique values: 223
Missing values: 2,868,404
Range: [-1; 24.5]
Mean: 9.40
SD: 3.98

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	24.5	9.4	8.0	8.0	10.0	4.0
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.
[7] UK	.	.	.	.	.	.	.
Total	-1.0	24.5	9.4	8.0	8.0	10.0	4.0

whweek

Work hours per week: worked

<number>

Australia

jbhruc

Korea

- for workers with fixed time: regular time + overtime

- for workers without fixed time: average working time

- based on p_1004 p_1006 p_1012

US

whweek=whyear/52

Russia

J6_2, also used J36_2, J36_2

Switzerland

p_w77

Germany

pgtatzeit

UK

Based on *whweek_ctr* and information from *jbot* or *j2hrs*.

Name: whweek
Label: Work hours per week: worked
Unique values: 13645
Missing values: 1,071,079
Range: [-3; 208]
Mean: 25.13
SD: 22.19

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-3.0	168.0	23.4	28.0	-3.0	40.0	22.3
[2] Korea	0.0	168.0	45.4	44.0	40.0	50.0	13.9
[3] USA	-3.0	153.5	26.3	33.0	0.0	40.0	20.4
[4] Russia	-1.0	208.0	42.2	40.0	40.0	48.0	16.5
[5] Switzerland	-3.0	99.0	23.4	25.0	-3.0	42.0	20.9
[6] Germany	-3.0	145.5	22.8	25.0	-2.0	40.0	21.6
[7] UK	-3.0	180.0	20.2	20.0	-3.0	40.0	22.6
Total	-3.0	208.0	25.1	32.0	-2.0	41.0	22.2

whmonth

Work hours per month: worked

<number>

Australia

whmonth=whweek*4.3

Korea

whmonth=whweek*4.3

US

whmonth=whyear/12

Russia

J8, also used J38, J38

Switzerland

whmonth=whweek*4.3

Germany

whmonth=whweek*4.3

UK

whmonth=whweek*4.3

Name: whmonth
Label: Work hours per month: worked
Unique values: 9895
Missing values: 1,073,712
Range: [-3; 920]
Mean: 109.30
SD: 91.92

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-3.0	722.4	103.9	120.4	-3.0	172.0	92.3
[2] Korea	0.0	722.4	195.2	189.2	172.0	215.0	59.7
[3] USA	-3.0	665.0	114.1	142.9	0.0	173.3	88.1
[4] Russia	-1.0	920.0	161.5	168.0	144.0	192.0	71.6
[5] Switzerland	-3.0	425.7	103.4	107.5	-3.0	180.6	86.7
[6] Germany	-3.0	625.5	100.3	107.5	-2.0	172.0	90.1
[7] UK	-3.0	774.0	90.9	86.0	-3.0	172.0	93.1
Total	-3.0	920.0	109.3	133.6	-2.0	176.3	91.9

whweek_ctr

Work hours per week: contracted

Name: whweek_ctr
Label: Work hours per week: contracted
Unique values: 575
Missing values: 2,078,920
Range: [-3; 168]
Mean: 18.28
SD: 20.69

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	-2.0	168.0	37.3	40.0	40.0	48.0	19.9
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	-3.0	96.0	14.7	-1.0	-3.0	40.0	19.8
[6] Germany	-3.0	80.0	15.7	-1.0	-2.0	38.5	19.3
[7] UK	-3.0	120.0	18.3	18.0	-3.0	37.0	20.5
Total	-3.0	168.0	18.3	16.0	-2.0	39.0	20.7

9. Employment: Occupation (ISCO) and position

Occupations in CPF are classified according to the International Standard Classification of Occupations (ISCO). The basic harmonized CPF variables are *isco_1* (ISCO level 1: 1 digit, 10 categories) and *isco_2* (ISCO level 2: 2 digits, 50+ categories). At the 1- and 2-digit level categories are the same for ISCO-88 and ISCO-08 versions. Additionally, if available, CPF provides a more detailed ISCO classification in versions ISCO-88 or ISCO-08 at 3- or 4-digit levels.

KLIPS and PSID use different classifications than ISCO. In these cases, crosswalk algorithms were developed. KLIPS uses Korean Standard Classification of Occupations (KSCO 2000), which was recoded into ISCO levels 1 and 2.

In case of PSID, the procedure was complex and included several steps. At different stages of the PSID history, different occupational classification have been applied, such as Census 1970 and Census 2010 (see PSID documentation). We developed a crosswalk which involved recoding the original PSID codes into American Community Survey occupational classification (ACS 2010) and Standard Occupational Classification System (SOC 2010):

- Census 1970 --> ACS 2010 --> SOC 2010 --> ISCO-08
- Census 2010 ----------> SOC 2010 --> ISCO-08

The crosswalk was developed based on information from several sources:

- Main Sources:
  - U.S. BUREAU OF LABOR STATISTICS (https://www.bls.gov/emp/documentation/crosswalks.htm)
  - U.S. CENSUS BUREAU (https://www.census.gov/topics/employment/industry-occupation/guidance/code-lists.html)
  - IPUMS USA (https://usa.ipums.org/usa/volii/occ1970.shtml)

Some adjustments to recoding schemes were necessary. At 4-digit level the recoding was very imprecise due to differences in classification schemes. In case when there was no direct crosswalk between codes, the closest or more general category was applied. The crosswalk procedure is implemented in five syntax files *us_02add_isco_ *.do*.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
isco_1	1	1	1	1	1	1	1
isco_2	1	1	1	1	1	1	1
isco08_4	.	.	1	1	1	1	.
isco88_4	.	.	1	1	1	1	.
isco88_3	.	.	.	.	.	.	1
supervis	1	.	.	1	1	.	1

isco_1

Occupation: ISCO 1 digit

(0): [0] Armed forces occupations

(1): [1] Managers

(2): [2] Professionals

(3): [3] Technicians and associate professionals

(4): [4] Clerical support workers

(5): [5] Services and sales workers
(6): [6] Skilled agricultural, forestry and fishery workers
(7): [7] Craft and related trades workers
(8): [8] Plant and machine operators and assemblers
(9): [9] Elementary occupations

Name: isco_1
Label: Occupation: ISCO 1 digit
Unique values: 14
Missing values: 1,239,834
Range: [-3; 9]
Mean: 3.02
SD: 3.70

Value	Label	Freq.	Percent
-3	[-3] Does not apply	412,217	13.6
-2	[-2] Item nresp	21	0.0
-1	[-1] MV general	51,949	1.7
0	[0] Armed forces occupations	6,643	0.2
1	[1] Managers	163,645	5.4
2	[2] Professionals	300,860	9.9
3	[3] Technicians and associate professionals	297,119	9.8
4	[4] Clerical support workers	206,368	6.8
5	[5] Services and sales workers	276,271	9.1
6	[6] Skilled agricultural, forestry and fishery workers	35,379	1.2
7	[7] Craft and related trades workers	205,443	6.8
8	[8] Plant and machine operators and assemblers	146,395	4.8
9	[9] Elementary occupations	161,091	5.3
.		775,647	25.5
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	103,666	0	0	0	0	33	308,518
-2	21	0	0	0	0	0	0
-1	104	969	0	0	0	42,382	8,494
0	272	472	3,279	213	101	1,693	613
1	22,822	2,792	34,400	12,009	10,794	23,973	56,855
2	39,228	21,350	46,375	31,943	24,583	78,761	58,620
3	30,258	17,066	47,246	31,920	28,874	82,369	59,386
4	22,982	28,680	33,235	9,676	13,176	43,606	55,013
5	24,066	39,161	42,578	30,633	14,111	53,911	71,811
6	5,296	14,168	1,535	669	3,880	5,390	4,441
7	17,156	21,683	32,744	24,636	10,153	65,965	33,106
8	11,192	22,794	28,474	25,864	2,810	28,597	26,664
9	13,553	21,436	42,666	13,167	5,130	28,659	36,480
.	0	143,128	159,522	135,767	56,656	280,574	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

isco_2

Occupation: ISCO 2 digits

<see table for categories>

Name: isco_2
Label: Occupation: ISCO 2 digits
Unique values: 56
Missing values: 1,239,834
Range: [-3; 99]
Mean: 37.07
SD: 30.03

Value	Label	Freq.	Percent
-3	[-3] Does not apply	412,217	13.6
-2	[-2] Item nresp	21	0.0
-1	[-1] MV general	51,949	1.7
0	[0] Armed forces occupations	4,129	0.1
1	[1] Commissioned armed forces officers	244	0.0
2	[2] Non-commissioned armed forces officers	471	0.0
3	[3] Armed forces occupations, other ranks	1,799	0.1
10	[10] Managers	27,681	0.9
11	[11] Chief executives, senior officials and legislators	10,042	0.3
12	[12] Administrative and commercial managers	78,033	2.6
13	[13] Production and specialized services managers	35,869	1.2
14	[14] Hospitality, retail and other services managers	12,020	0.4
20	[20] Professionals	15,436	0.5
21	[21] Science and engineering professionals	64,964	2.1
22	[22] Health professionals	35,445	1.2
23	[23] Teaching professionals	94,868	3.1
24	[24] Business and administration professionals	49,164	1.6
25	[25] Information and communications technology professionals	12,783	0.4
26	[26] Legal, social and cultural professionals	28,200	0.9
30	[30] Technicians and associate professionals	22,615	0.7
31	[31] Science and engineering associate professionals	55,868	1.8
32	[32] Health associate professionals	58,250	1.9
33	[33] Business and administration associate professionals	87,493	2.9
34	[34] Legal, social, cultural and related associate professionals	66,687	2.2
35	[35] Information and communications technicians	6,234	0.2
40	[40] Clerical support workers	26,299	0.9
41	[41] General and keyboard clerks	85,987	2.8
42	[42] Customer services clerks	40,660	1.3

43	[43] Numerical and material recording clerks	29,676	1.0
44	[44] Other clerical support workers	23,718	0.8
50	[50] Services and sales workers	21,070	0.7
51	[51] Personal services workers	118,038	3.9
52	[52] Sales workers	92,523	3.0
53	[53] Personal care workers	26,391	0.9
54	[54] Protective services workers	18,249	0.6
61	[61] Market-oriented skilled agricultural workers	33,392	1.1
62	[62] Market-oriented skilled forestry, fishery and hunting workers	1,987	0.1
70	[70] Craft and related trades workers	13,421	0.4
71	[71] Building and related trades workers (excluding electricians)	66,318	2.2
72	[72] Metal, machinery and related trades workers	75,830	2.5
73	[73] Handicraft and printing workers	9,804	0.3
74	[74] Electrical and electronics trades workers	23,024	0.8
75	[75] Food processing, woodworking, garment and other craft and related trades workers	17,046	0.6
80	[80] Plant and machine operators and assemblers	545	0.0
81	[81] Stationary plant and machine operators	44,638	1.5
82	[82] Assemblers	23,821	0.8
83	[83] Drivers and mobile plant operators	77,391	2.5
90	[90] Elementary occupations	18,258	0.6
91	[91] Cleaners and helpers	59,982	2.0
92	[92] Agricultural, forestry and fishery labourers	9,940	0.3
93	[93] Labourers in mining, construction, manufacturing and transport	53,045	1.7
94	[94] Food preparation assistants	4,467	0.1
95	[95] Street and related sales and services workers	7,533	0.2
96	[96] Refuse workers and other elementary workers	7,852	0.3
99		14	0.0
.		775,647	25.5
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	103,666	0	0	0	0	33	308,518
-2	21	0	0	0	0	0	0
-1	104	969	0	0	0	42,382	8,494
0	272	472	2,458	213	101	0	613
1	0	0	223	0	0	21	0
2	0	0	457	0	0	14	0
3	0	0	141	0	0	1,658	0
10	21,665	1,195	0	1	4,820	0	0
11	1,157	29	1,292	1,011	957	4,353	1,243
12	0	38	24,258	938	3,543	6,757	42,499
13	0	1,530	6,935	7,365	1,474	5,452	13,113
14	0	0	1,915	2,694	0	7,411	0

20	14,931	5	0	15	416	0	69
21	6,248	6,899	7,197	6,855	7,173	16,273	14,319
22	7,189	3,036	8,023	3,375	1,819	6,763	5,240
23	10,860	7,072	13,865	10,658	5,621	24,505	22,287
24	0	1,323	5,333	3,345	9,554	12,904	16,705
25	0	2,052	4,033	1,536	0	5,162	0
26	0	963	7,924	6,159	0	13,154	0
30	18,537	3,939	0	12	127	0	0
31	6,308	2,514	8,912	8,017	5,084	14,360	10,673
32	5,413	1,525	8,316	5,767	6,489	14,568	16,172
33	0	6,201	21,391	15,083	5,206	37,307	2,305
34	0	2,915	7,206	2,554	11,968	11,808	30,236
35	0	0	1,421	487	0	4,326	0
40	92	25,178	0	0	1,029	0	0
41	15,882	0	11,011	1,929	10,461	6,467	40,237
42	7,008	3,474	6,515	2,471	1,686	4,730	14,776
43	0	0	8,094	4,444	0	17,138	0
44	0	0	7,615	832	0	15,271	0
50	9,682	11,303	0	0	85	0	0
51	14,384	7,442	9,194	7,657	9,651	18,852	50,858
52	0	18,751	15,734	13,547	4,375	19,163	20,953
53	0	0	12,378	2,790	0	11,223	0
54	0	1,665	5,272	6,639	0	4,673	0
61	5,296	13,504	1,005	299	3,880	4,967	4,441
62	0	664	530	370	0	423	0
70	1,727	11,639	0	13	42	0	0
71	6,239	7,487	8,406	7,697	3,242	17,858	15,389
72	8,929	2,557	12,838	9,017	3,987	25,535	12,967
73	261	0	1,425	629	1,132	4,445	1,912
74	0	0	4,397	4,657	1,750	9,382	2,838
75	0	0	5,678	2,623	0	8,745	0
80	395	3	0	16	131	0	0
81	1,331	9,656	11,476	6,680	282	12,852	2,361
82	2,299	4,300	3,189	1,668	987	1,256	10,122
83	7,167	8,835	13,809	17,500	1,410	14,489	14,181
90	411	17,280	0	43	524	0	0
91	0	0	14,699	4,764	3,488	12,125	24,906
92	1,929	717	3,139	1,647	244	1,220	1,044
93	3,725	3,425	17,545	3,769	874	13,177	10,530
94	0	0	3,368	572	0	527	0
95	7,488	0	0	42	0	3	0
96	0	0	3,915	2,330	0	1,607	0
99	0	14	0	0	0	0	0
.	0	143,128	159,522	135,767	56,656	280,574	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

isco08_4

Occupation: ISCO-08 4 digits

<500+ categories>

Name: isco08_4
Label: Occupation: ISCO-08 4 digits
Unique values: 565
Missing values: 2,019,295
Range: [-3; 9629]

Mean: 4,597.92
SD: 2,624.71

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	110.0	9,629.0	4,968.6	4,322.0	2,631.0	7,421.0	2,711.2
[4] Russia	0.0	9,629.0	5,013.0	5,141.0	2,652.0	7,411.0	2,548.9
[5] Switzerland	300.0	9,623.0	3,987.2	3,313.0	2,359.0	5,223.0	2,078.4
[6] Germany	-3.0	9,629.0	4,331.1	3,510.0	2,359.0	7,126.0	2,653.7
[7] UK	.	.	.	.	.	.	.
Total	-3.0	9,629.0	4,597.9	4,211.0	2,422.0	7,212.0	2,624.7

isco88_4

Occupation: ISCO-88 4 digits

<500+ categories>

Name: isco88_4
Label: Occupation: ISCO-88 4 digits
Unique values: 512
Missing values: 2,019,077
Range: [-3; 9333]
Mean: 3,761.47
SD: 2,995.48

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	110.0	9,333.0	4,927.4	4,211.0	2,432.0	7,311.0	2,723.7
[4] Russia	0.0	9,333.0	5,015.9	5,122.0	2,432.0	7,340.0	2,664.7
[5] Switzerland	100.0	9,330.0	4,040.0	3,419.0	2,419.0	5,141.0	2,113.8
[6] Germany	-3.0	9,333.0	2,863.7	2,331.0	-1.0	5,122.0	3,009.6
[7] UK	.	.	.	.	.	.	.
Total	-3.0	9,333.0	3,761.5	3,415.0	1,229.0	6,112.0	2,995.5

isco88_3

Occupation: ISCO-88 3 digits

<100+ categories>

Name: isco88_3
Label: Occupation: ISCO-88 3 digits
Unique values: 119
Missing values: 2,636,059
Range: [-3; 933]
Mean: 252.02
SD: 292.06

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.
[7] UK	-3.0	933.0	252.0	123.0	-3.0	422.0	292.1
Total	-3.0	933.0	252.0	123.0	-3.0	422.0	292.1

supervis

Supervisory position

(0): [0] No

(1): [1] Yes

Respondent has supervisory/managerial responsibilities at the job.

Australia

jbmsvsr: Has supervisory responsibilities

Russia

J6: Has subordinates at the job

Switzerland

p_w87: Is supervising other employees' work or telling them what to do an official part of your job?

UK

jbmngr: Has managerial duties at the current job

Name: supervis
Label: Supervisory position
Unique values: 6
Missing values: 2,199,766
Range: [-3; 1]
Mean: -0.92
SD: 1.68

Value	Label	Freq.	Percent
-3	[-3] Not apply	520,684	17.1
-2	[-2] Item nresp	280	0.0
-1	[-1] MV gen	1,948	0.1
0	[0] No	533,885	17.6
1	[1] Yes	305,397	10.0
.		1676854	55.2
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	103,666	0	0	0	61,116	0	355,902
-2	0	0	0	0	280	0	0
-1	42	0	0	423	728	0	755
0	100,973	0	0	143,696	57,524	0	231,692
1	85,935	0	0	37,190	50,620	0	131,652
.	0	333,699	472,054	135,188	0	735,913	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

10. Employment: Industry and sector of organization

Classification of industry in which respondent's organization operate is offered in three versions. It is recommended to use either *indust1* (3 major groups) or *indust3* (17 detailed groups). The submajor 9 groups (*indust2*) is based on the CNEF approach, however the classification is not well balanced (e.g. the broad category of "services").

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
indust1	1	1	1	1	1	1	1
indust2	1	1	1	1	1	1	1
indust3	1	1	1	1	1	1	1
public	1	1	1	1	1	1	1

Australia

Based on CNEF *e11106* and *e11107*

Korea

Recode of Korean Standard Statistical Classification (KSIC) 2-level, see:

http://kssc.kostat.go.kr/ksscNew_web/ekssc/main/main.do

US

In case of PSID, the procedure was mere complex because at different stages of the PSID history, different industry classification have been applied, such as Census 1970 (waves 1968-2001: 3 digit), Census 2010 (2003-2015: 3 digit) and Census 2012 (2017+: 4 digit). The crosswalk was developed based on information from several sources:

- U.S. BUREAU OF LABOR STATISTICS (https://www.bls.gov/emp/documentation/crosswalks.htm)
- U.S. CENSUS BUREAU (https://www.census.gov/topics/employment/industry-occupation/guidance/code-lists.html)

Russia

Recoded *J4_1*.

Switzerland

Based on CNEF *e11106* and *e11107*

Germany

Based on CNEF *e11106* and *e11107*

UK

Based on The Standard Industrial Classification (SIC):

- *jbsic* - waves 1-12 SIC 1980 (3 digit)
- *jbsic92* – waves 13-19 SIC 1992 (3 digit)
- *jbsic07_cc* – waves 19+ SIC 2007 (2 digit)

indust1

Industry (major groups)

(1): [1] Production, Construction, Heavy Ind

(2): [2] Trade and Services

(3): [3] Public services

Name: indust1
Label: Industry (major groups)
Unique values: 7
Missing values: 1,303,081
Range: [-3; 3]
Mean: 0.67
SD: 2.29

Value	Label	Freq.	Percent
-3	[-3] Does not apply	606,759	20.0
-2	[-2] Item nresp	9,971	0.3
-1	[-1] MV general	50,573	1.7
1	[1] Production, Construction, Heavy Ind	487,274	16.0
2	[2] Trade and Services	724,265	23.8
3	[3] Public services	524,428	17.3
.		635,778	20.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	103,666	0	144,281	0	59,254	299,558	0
-2	3,725	0	0	0	6,246	0	0
-1	0	1,197	3,588	1,953	0	43,835	0
1	43,305	66,959	87,864	45,687	22,700	136,858	83,901
2	83,650	91,377	137,251	54,170	40,528	121,277	196,012
3	56,270	31,038	87,465	41,208	41,540	134,385	132,522
.	0	143,128	11,605	173,479	0	0	307,566
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

indust2

Industry (submajor groups/1 dig)

(1): [1] Agriculture
(2): [2] Energy
(3): [3] Mining
(4): [4] Manufacturing
(5): [5] Construction
(6): [6] Trade
(7): [7] Transport
(8): [8] Bank, Insurance
(9): [9] Services
(10): [10] Other

Name: indust2
Label: Industry (submajor groups/1 dig)
Unique values: 14
Missing values: 1,301,403
Range: [-3; 10]
Mean: 4.22
SD: 4.79

Value	Label	Freq.	Percent
-3	[-3] Does not apply	606,784	20.0
-2	[-2] Item nresp	9,971	0.3
-1	[-1] MV general	48,870	1.6
1	[1] Agriculture	52,932	1.7
2	[2] Energy	16,087	0.5
3	[3] Mining	16,801	0.6
4	[4] Manufacturing	282,159	9.3
5	[5] Construction	121,363	4.0
6	[6] Trade	279,060	9.2
7	[7] Transport	93,513	3.1
8	[8] Bank, Insurance	79,231	2.6
9	[9] Services	775,978	25.5
10	[10] Other	20,521	0.7
.		635,778	20.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	103,691	0	144,281	0	59,254	299,558	0
-2	3,725	0	0	0	6,246	0	0
-1	0	1,197	3,588	656	0	43,429	0
1	7,217	15,158	8,432	6,622	2,930	7,125	5,448
2	978	812	4,471	2,609	754	3,718	2,745
3	2,909	119	1,766	8,936	43	1,439	1,589

4	16,875	35,571	57,048	12,085	14,345	98,545	47,690
5	15,005	15,299	19,739	15,512	4,628	26,386	24,794
6	25,254	40,800	47,375	29,711	12,382	57,844	65,694
7	7,719	9,600	15,650	13,711	5,490	19,510	21,833
8	6,372	6,320	15,937	3,362	6,304	14,482	26,454
9	100,871	63,173	142,162	40,993	57,741	156,204	214,834
10	0	2,522	0	8,821	151	7,673	1,354
.	0	143,128	11,605	173,479	0	0	307,566
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

industst3

Industry (minor groups)

(1): [1] Agriculture, hunting, forestry
(2): [2] Fishing and fish farming
(3): [3] Mining and quarrying
(4): [4] Manufacturing
(5): [5] Electricity, gas and water supply
(6): [6] Construction
(7): [7] Wholesale, retail; repair; other services
(8): [8] Hotels and restaurants
(9): [9] Transport, storage and communication
(10): [10] Financial intermediation; insurance
(11): [11] Real estate; renting; computer; research
(12): [12] Public admin, national defense; compulsory social security
(13): [13] Education
(14): [14] Health and social work
(15): [15] Other community, social and personal service activities
(16): [16] Private households with employed persons
(17): [17] Extra-territorial organizations and bodies

Name: industst3
Label: Industry (minor groups)
Unique values: 21
Missing values: 1,303,081
Range: [-3; 17]
Mean: 5.67
SD: 6.24

Value	Label	Freq.	Percent
-3	[-3] Does not apply	607,165	20.0
-2	[-2] Item nresp	9,971	0.3
-1	[-1] MV general	50,167	1.7
1	[1] Agriculture, hunting, forestry	51,605	1.7

2	[2] Fishing and fish farming	1,327	0.0
3	[3] Mining and quarrying	16,905	0.6
4	[4] Manufacturing	281,315	9.3
5	[5] Electricity, gas and water supply	17,363	0.6
6	[6] Construction	121,363	4.0
7	[7] Wholesale, retail; repair; other services	298,913	9.8
8	[8] Hotels and restaurants	77,774	2.6
9	[9] Transport, storage and communication	104,636	3.4
10	[10] Financial intermediation; insurance	65,401	2.2
11	[11] Real estate; renting; computer; research	115,481	3.8
12	[12] Public admin, national defense; compulsory social security	118,568	3.9
13	[13] Education	162,228	5.3
14	[14] Health and social work	199,274	6.6
15	[15] Other community, social and personal service activities	99,989	3.3
16	[16] Private households with employed persons	2,797	0.1
17	[17] Extra-territorial organizations and bodies	1,028	0.0
.		635,778	20.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	103,666	0	144,281	0	59,254	299,964	0
-2	3,725	0	0	0	6,246	0	0
-1	0	1,197	3,588	1,953	0	43,429	0
1	7,026	14,380	8,232	6,622	2,910	7,088	5,347
2	191	778	200	0	20	37	101
3	2,909	119	1,766	8,936	43	1,439	1,693
4	16,875	35,571	57,048	12,085	14,345	97,701	47,690
5	1,299	812	4,471	2,609	754	4,207	3,211
6	15,005	15,299	19,739	15,512	4,628	26,386	24,794
7	28,062	35,120	44,554	29,711	12,382	71,864	77,220
8	10,112	14,210	18,195	102	2,871	12,517	19,767
9	10,597	12,177	17,652	13,711	5,490	20,377	24,632
10	6,372	5,369	13,078	3,362	6,304	14,482	16,434
11	22,072	19,524	21,679	6,244	13,481	0	32,481
12	12,109	7,397	21,025	11,062	7,532	30,017	29,426
13	18,100	12,579	27,785	14,361	11,278	33,793	44,332
14	26,036	5,743	36,227	10,856	15,912	45,349	59,151
15	6,270	10,183	20,929	5,892	6,667	25,226	24,822
16	165	0	0	0	0	2,037	595
17	25	113	0	0	151	0	739
.	0	143,128	11,605	173,479	0	0	307,566
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

public

Public sector
(0): [0] No
(1): [1] Yes

Respondent works for public sector employer / government. Note that for some countries, it was not possible to separate governmental organizations and other public sector organizations. Thus we advise adjustments in the variable depending on the research goal.

Australia

Governmental organisations (not: private, for-profit, NGOs). Based on *jbmmply - Which of these best describes employer/business:*

[1] Private sector for profit organisation
[2] Government business enterprise or commercial statutory authority
[3] Other commercial
[4] Private sector not for profit organisation
[5] Other governmental organisation
[6] Other non-commercial

Additionally used *jbmmpl, jbmmplr*.

Korea

Includes the underlined type from *p__0401*:

(1) private company
(2) foreign company
(3) government related company (government-financed or public corporation)
(4) a foundation or corporation
(5) government or government branch (civil servants, military personnel, etc.)
(6) does not belong to any specific company or institution
(7) civic or religious group
(8) other

US

Includes the underlined categories (question changed over the years):

D6. Do you work for the Federal, state or local government?
[75]-[82]
1 Yes
5 No

[83]+:
1 Federal government
2 State government
3 Local government; public school system
4 Private company; non-government
7 Other

DE24. ([Do/Did] you/[Does/Did] [Spouse/Partner]) work for the federal, state, or local government, a private company, or what?--CURRENT OR MOST RECENT MAIN JOB
1 Federal government
2 State government
3 Local government; public school system
4 Private company; nongovernment
7 Other

Russia

Works for organization owned by the government (*J23*)

Switzerland

Works in a government organisation (*w32*)

Germany

Works for a public sector employer (*pgoeffd, plb0040*)

UK

Does not work for "private firm or business, a limited company" (filtered out in *jbsect*), but for one of the underlined types of organisation listed in *jbsectpub*:

- public limited company
- nationalised industry/state corporation
- central government or civil service
- local government or council (inc police, fire, schools)
- university or other grant-funded education establishment
- health authority or NHS trust
- charity, voluntary organisation or trust
- the armed forces
- some other kind of organisation

Name: public
Label: Public sector
Unique values: 6
Missing values: 1,463,797
Range: [-3; 1]
Mean: -0.78
SD: 1.44

Value	Label	Freq.	Percent
-3	[-3] Not apply	696,738	22.9
-2	[-2] Item nresp	138	0.0
-1	[-1] MV gen	336,012	11.1
0	[0] No	1186099	39.0
1	[1] Yes	389,152	12.8
.		430,909	14.2
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	94,029	0	151,445	0	78,009	0	373,255
-2	12	0	0	0	126	0	0
-1	242	27	1,468	6,263	1,413	325,290	1,309
0	152,097	118,811	197,979	74,582	54,426	309,365	278,839
1	32,908	12,463	54,550	85,081	36,294	101,258	66,598
.	11,328	202,398	66,612	150,571	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

11. Employment: size of organization

Because of differences in questionnaires, the size of respondent's organization could not be fully harmonized. CPF offers then several alternative classifications which were available for at least a few countries. *Size5b* is available for all countries except Germany (for which only *size4* is available).

For full harmonization, users may consider constructing categories of small, medium and large companies based on *size5b* and roughly adjusting Germany based on *size4* (e.g. by combining e.g. <10 with <20 as small). A raw number of employees (*size*) is provided if available.

Additionally, surveys refer to either local workplace/location or the whole company (including branches). This may have important consequences for interpretation – in this case, separate "whole" and "local" approaches based on information provided below.

Australia

Local: Number of employees at the place of work (including respondent; including all employees, including part-time workers and casuals; Does not include contractors). Based on *pjbmwps , pjbmwpsz.*

Korea

Whole: Number of employees in the whole company or organization, including all locations (includes company's headquarter, all branches, agencies, factories, work sites. Includes its branches within the concerned subsidiary only if the company is a group that has several subsidiaries). Based on p*_0402, p_0403.*

Additionally, the size of workplace/location can also be separated (p__0405-06), but only from wave 6+.

US

Local: Number of employees at the location of work (including respondent).

Russia

Whole: *J13. How many people work in your enterprise? If you don't know exactly, estimate.* There is no definition of the enterprise.

Switzerland

Whole: Number of employees in the whole company or organization (including respondent). Based on *w85: How many persons are employed in your company (association/institution)?*

Germany

Whole: Number of employees in the company as a whole (not a local unit of the company, but to the entire company).

Based on *pgallbet*. Alternatively, a more detailed *pgbetr* is available (but not useful for harmonization). Unfortunately, SOEP does not provide thresholds of 10 and 50 (only 20 and 200).

UK

Local: Number of employees at the place of work (including respondent; including all employees, including part-time workers and casuals; Does not include contractors). Based on *jbsize: How many people are employed at the place where you work?* Definition by UKHLS:

This is the total number of employees at the workplace, not just the number employed within the particular section or department in which the respondent works. Include part time and shift workers. If a respondent works from a depot or office (e.g. a service engineer), base the answer on the number of people who work from that depot. People employed by employment agencies should answer these questions with reference to the place at which they are currently working (or last worked) rather than the agency. Where someone employed by an agency worked at several different workplaces in the course of a week the answer should refer to the place where he or she worked the greatest number of hours. Similarly, people working for sub contractors or merchandisers within a larger workplace should answer with reference to the larger workplace (for example, school meals staff should answer with respect to the school rather than the kitchens, and people working on a fish stall franchise within a supermarket should answer with respect to the supermarket).

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
size	.	.	1	1	.	.	.
size4	.	.	1	1	.	1	.
size5	.	1	1	1	1	.	1
size5b	1	1	1	1	1	.	1

size

Size of organization [number of employees]

<100+ categories>

Name: size
Label: Size of organization [number of employees]
Unique values: 837
Missing values: 2,844,871
Range: [-3; 2000000]
Mean: 556.72
SD: 7,284.27

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	-3.0	2000000.0	499.6	5.0	-3.0	75.0	8,744.8
[4] Russia	-1.0	1000000.0	597.8	25.0	-1.0	120.0	6,018.3
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.
[7] UK	.	.	.	.	.	.	.
Total	-3.0	2000000.0	556.7	15.0	-1.0	100.0	7,284.3

size4

Size of organization [4]

(0): Self-empl, no coworkers

(1): <20

(2): 20-199

(3): 200-1999

(4): 2000+

Name: size4
Label: Size of organization [4]
Unique values: 9
Missing values: 2,425,159
Range: [-3; 4]
Mean: 0.27
SD: 2.61

Value	Label	Freq.	Percent
-3	[-3] Not apply	337,886	11.1
-2	[-2] Item nresp	17,273	0.6
-1	[-1] MV gen	52,121	1.7
0	Self-empl, no coworkers	16,620	0.5
1	<20	167,147	5.5
2	20-199	191,613	6.3
3	200-1999	128,399	4.2
4	2000+	110,110	3.6
.		2017879	66.4
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	38,958	0	0	298,928	0
-2	0	0	0	0	0	17,273	0
-1	0	0	6,528	45,593	0	0	0
0	0	0	0	0	0	16,620	0
1	0	0	25,914	30,233	0	111,000	0
2	0	0	27,162	53,464	0	110,987	0
3	0	0	15,946	27,690	0	84,763	0
4	0	0	4,822	8,946	0	96,342	0
.	290,616	333,699	352,724	150,571	170,268	0	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

size5

Size of organization [5]

(1): <10
(2): 10-49
(3): 50-99
(4): 100-999
(5): 1000+

Name: size5
Label: Size of organization [5]
Unique values: 9
Missing values: 2,277,118
Range: [-3; 5]
Mean: 0.49
SD: 2.96

Value	Label	Freq.	Percent
-3	[-3] Not apply	478,764	15.8
-2	[-2] Item nresp	313	0.0
-1	[-1] MV gen	66,125	2.2
1	<10	160,126	5.3
2	10-49	216,665	7.1
3	50-99	91,467	3.0
4	100-999	196,614	6.5
5	1000+	97,058	3.2
.		1731916	57.0
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	38,958	0	76,117	0	363,689
-2	0	0	0	0	313	0	0
-1	0	7,599	6,528	45,593	3,960	0	2,445
1	0	49,344	18,707	15,932	16,062	0	60,081
2	0	29,786	18,634	38,581	24,762	0	104,902
3	0	10,006	8,638	16,323	10,376	0	46,124
4	0	18,488	20,236	34,451	24,674	0	98,765
5	0	16,384	7,629	15,046	14,004	0	43,995
.	290,616	202,092	352,724	150,571	0	735,913	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

size5b

Size of organization [5 ver b]

(0): Self-empl, no coworkers

(1): <10

(2): 10-49

(3): 50-99

(4): 100-499

(5): 500+

Name: size5b
Label: Size of organization [5 ver b]
Unique values: 10
Missing values: 2,153,937
Range: [-3; 5]
Mean: 0.41
SD: 2.98

Value	Label	Freq.	Percent
-3	[-3] Not apply	582,762	19.2
-2	[-2] Item nresp	313	0.0
-1	[-1] MV gen	59,827	2.0
0	Self-empl, no coworkers	13,762	0.5
1	<10	197,281	6.5
2	10-49	252,202	8.3
3	50-99	104,016	3.4
4	100-499	174,365	5.7
5	500+	143,485	4.7
.		1511035	49.7
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	103,998	0	38,958	0	76,117	0	363,689
-2	0	0	0	0	313	0	0
-1	1,301	0	6,528	45,593	3,960	0	2,445
0	13,762	0	0	0	0	0	0
1	46,943	39,556	18,707	15,932	16,062	0	60,081
2	51,820	13,503	18,634	38,581	24,762	0	104,902
3	19,846	2,709	8,638	16,323	10,376	0	46,124
4	31,681	3,529	16,074	27,196	19,191	0	76,694
5	21,265	2,575	11,791	22,301	19,487	0	66,066
.	0	271,827	352,724	150,571	0	735,913	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

12. Individual income

Depending on the original data, information on individual income is included in several variables based on:

- source of income:
  - total income from jobs and benefits (*inctot**)
  - from all jobs (*incjobs**)
  - from main job (*incjob1**)
- type of income:
  - gross (**g**, e.g. *incjobs_yg*)
  - net (**n**, e.g. *incjobs_yn*)
- reference period for income
  - year (**y**, e.g. *incjob1_yn*)
  - month (**m**, e.g. *incjob1_mn*)
  - per hour (**h**, e.g. *incjob1_hn*)

This approach results in multiple variables but provides clear definitions. For analytical purposes, users can combine particular variables using the nominal values or relative values (e.g. percentiles). *Incjobs_yg* is available for all countries except Russia.

For some countries, the income variables are taken from the CNEF files: Australia, Switzerland and Germany.

CPF provides values as they are included in the source data, without any additional cleaning, imputation, conversion or inflation-adjustments. Values are in local currency. For details, please refer to survey documentation.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
inctot_yn	1	.	.	.	.	.	.
inctot_mn	1	.	.	1	1	.	.
incjobs_yg	1	1	1	.	1	1	1
incjobs_yn	.	1	.	.	.	.	.
incjobs_mn	.	.	.	1	.	.	.
incjobs_mg	.	.	.	.	.	.	1
incjob1_yn	.	1	.	.	.	.	1
incjob1_yg	.	.	.	.	.	1	1
incjob1_mg	1	.	1	.	.	1	1
incjob1_mn	.	1	.	1	.	1	1
incjob1_hg	.	.	1	.	.	.	.

inctot_yn

Individual Income (All types, year, net)

Name: inctot_yn
Label: Individual Income (All types, year, net)
Unique values: 87713
Missing values: 2,748,432
Range: [0; 1061289]
Mean: 41,804.02
SD: 48,656.30

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	0.0	1061289.0	41,804.0	32,306.5	17,127.0	53,204.0	48,656.3
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.
[7] UK	.	.	.	.	.	.	.
Total	0.0	1061289.0	41,804.0	32,306.5	17,127.0	53,204.0	48,656.3

inctot_mn

Individual Income (All types, month, net)

Name: inctot_mn
Label: Individual Income (All types, month, net)
Unique values: 108366
Missing values: 2,291,311
Range: [-3; 20000000]
Mean: 28,731.34
SD: 131,105.38

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	0.0	88,440.8	3,483.7	2,692.2	1,427.3	4,433.7	4,054.7
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	20000000.0	39,031.4	10,200.0	2,400.0	22,000.0	198,324.0
[5] Switzerland	-3.0	5502500.0	52,678.4	45,500.0	18,000.0	74,900.0	58,979.3
[6] Germany	.	.	.	.	.	.	.
[7] UK	.	.	.	.	.	.	.
Total	-3.0	20000000.0	28,731.3	5,668.6	1,854.9	23,170.0	131,105.4

incjobs_yg

Individual Labor Earnings (All jobs, year, gross)

Name: incjobs_yg
Label: Individual Labor Earnings (All jobs, year, gross)
Unique values: 138585
Missing values: 748,104
Range: [-5; 9048000]
Mean: 20,385.91
SD: 36,843.94

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	0.0	888,461.0	34,861.8	21,400.0	0.0	55,000.0	47,172.9

[2] Korea	0.0	170,016.0	2,749.7	2,304.0	1,200.0	3,600.0	2,433.7
[3] USA	0.0	6300000.0	18,230.5	9,000.0	0.0	25,000.0	37,808.5
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	0.0	3000000.0	48,871.2	35,821.0	0.0	78,806.0	61,161.3
[6] Germany	-5.0	9048000.0	17,461.9	8,078.0	0.0	26,495.0	31,607.9
[7] UK	0.0	199,992.0	14,044.1	7,000.0	0.0	22,336.3	18,856.5
Total	-5.0	9048000.0	20,385.9	7,363.0	0.0	28,200.0	36,843.9

incjobs_yn

Individual Labor Earnings (All jobs, year, net)

Name: incjobs_yn
Label: Individual Labor Earnings (All jobs, year, net)
Unique values: 3289
Missing values: 2,879,860
Range: [0; 117000]
Mean: 2,613.61
SD: 2,187.93

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	0.0	117,000.0	2,613.6	2,183.0	1,200.0	3,564.0	2,187.9
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.
[7] UK	.	.	.	.	.	.	.
Total	0.0	117,000.0	2,613.6	2,183.0	1,200.0	3,564.0	2,187.9

incjobs_mn

Individual Labor Earnings (All jobs, month, net)

Name: incjobs_mn
Label: Individual Labor Earnings (All jobs, month, net)
Unique values: 4164
Missing values: 2,879,080
Range: [-1; 16000000]
Mean: 46,650.88
SD: 209,269.24

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	16000000.0	46,650.9	15,000.0	6,000.0	27,000.0	209,269.2
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.

[7] UK	.	.	.	.	.	.	.
Total	-1.0	16000000.0	46,650.9	15,000.0	6,000.0	27,000.0	209,269.2

incjobs_mg

Individual Labor Earnings (All jobs, month, gross)

Name: incjobs_mg
Label: Individual Labor Earnings (All jobs, month, gross)
Unique values: 66201
Missing values: 2,550,377
Range: [0; 16666]
Mean: 1,170.34
SD: 1,571.38

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.
[7] UK	0.0	16,666.0	1,170.3	583.3	0.0	1,861.4	1,571.4
Total	0.0	16,666.0	1,170.3	583.3	0.0	1,861.4	1,571.4

incjob1_yn

Salary from main job (year, net)

Name: incjob1_yn
Label: Salary from main job (year, net)
Unique values: 46550
Missing values: 2,518,193
Range: [0; 360000]
Mean: 11,594.20
SD: 10,881.56

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	0.0	360,000.0	2,625.0	2,160.0	1,200.0	3,480.0	2,549.4
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.
[7] UK	1.0	198,000.0	16,151.3	14,170.0	8,880.0	21,000.0	10,659.6
Total	0.0	360,000.0	11,594.2	9,000.0	2,904.0	16,812.9	10,881.6

incjob1_yg

Salary from main job (year, gross)

Name: incjob1_yg
Label: Salary from main job (year, gross)
Unique values: 72609
Missing values: 1,977,007
Range: [-5; 1440000]
Mean: 16,235.92
SD: 19,470.20

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-5.0	1440000.0	13,726.9	4,200.0	0.0	22,800.0	20,258.8
[7] UK	1.0	180,000.0	21,581.9	18,000.0	10,400.0	28,022.5	16,442.1
Total	-5.0	1440000.0	16,235.9	11,889.1	0.0	25,000.0	19,470.2

incjob1_mg

Salary from main job (month, gross) [local currency]

Name: incjob1_mg
Label: Salary from main job (month, gross) [local currency]
Unique values: 66086
Missing values: 1,732,015
Range: [-5; 2700000]
Mean: 1,693.55
SD: 3,477.35

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	0.0	59,350.2	2,639.9	1,600.2	0.0	4,200.0	3,502.2
[2] Korea	.	.	.	.	.	.	.
[3] USA	-1.0	1008504.0	1,369.7	0.0	0.0	1,811.0	4,175.8
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-5.0	2700000.0	1,374.9	689.0	-2.0	2,147.0	3,821.2
[7] UK	0.1	15,000.0	1,798.5	1,500.0	866.7	2,335.2	1,370.2
Total	-5.0	2700000.0	1,693.6	1,023.0	0.0	2,454.5	3,477.4

incjob1_mn

Salary from main job (month, net)

Name: incjob1_mn
Label: Salary from main job (month, net)
Unique values: 50459
Missing values: 1,921,891
Range: [-5; 16000000]
Mean: 6,122.30
SD: 71,165.46

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	-1.0	30,000.0	218.5	180.0	100.0	290.0	212.5
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	16000000.0	45,686.7	14,100.0	6,000.0	26,000.0	204,554.9
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-5.0	1700000.0	901.5	478.0	-2.0	1,432.0	2,381.5
[7] UK	0.1	16,500.0	1,345.9	1,180.8	740.0	1,750.0	888.3
Total	-5.0	16000000.0	6,122.3	818.0	100.0	1,800.0	71,165.5

incjob1_hg

Salary from main job (per hour, gross)

Name: incjob1_hg
Label: Salary from main job (per hour, gross)
Unique values: 8592
Missing values: 2,594,149
Range: [-1; 1405.880004882813]
Mean: 9.46
SD: 17.75

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	-1.0	1,405.9	9.5	5.4	0.0	12.6	17.7
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	.	.	.	.	.	.	.
[7] UK	.	.	.	.	.	.	.
Total	-1.0	1,405.9	9.5	5.4	0.0	12.6	17.7

13. Household income

Depending on the type of monthly household income in the original data, information is provided in two versions:

- Gross - all the income earned prior to any withholding for taxes or other deductions (*hhinc_pre**)
- Net - net adjusted disposable income after taxes and transfers (*hhinc_post**)

For some countries, the income variables are taken from the CNEF files: Australia, Switzerland and Germany.

Please take into account differences in coding of the missing values between countries. Some datasets (PSID since 1994, HILDA, UK) provide a negative household income indicating a loss or debit, but they also code MV with negative. In other datasets, values below zero indicate MV.

All values are in local currencies.

All values are in local currencies.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
hhinc_pre	1	.	.	.	1	1	.
hhinc_post	1	1	1	1	1	1	1

hhinc_pre

HH income (month, pre)

Name: hhinc_pre
Label: HH income(month, pre)
Unique values: 166514
Missing values: 1,862,403
Range: [-2432846; 19000100]
Mean: 63,859.11
SD: 87,725.23

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-2432846.0	1428416.0	92,288.7	73,727.5	28,000.0	129,400.0	99,508.5
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	0.0	19000100.0	115,132.8	105,320.5	43,300.5	162,380.0	129,508.0
[6] Germany	-5.0	13345989.0	40,768.9	31,837.0	8,240.0	56,527.0	57,130.0
[7] UK	.	.	.	.	.	.	.
Total	-2432846.0	19000100.0	63,859.1	42,760.0	13,200.0	86,968.0	87,725.2

hhinc_post

HH income(month, post)

Name: hhinc_post
Label: HH income(month, post)
Unique values: 520398
Missing values: 61,875
Range: [-2431482; 37500000]
Mean: 40,707.78
SD: 168,415.23

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-2431482.0	1012846.0	82,974.9	70,323.0	40,584.0	108,624.0	65,938.0
[2] Korea	0.0	810,480.0	4,133.0	3,264.0	1,800.0	5,405.0	4,730.2
[3] USA	-971,399.0	6317099.0	41,989.0	26,000.0	11,327.0	52,800.0	65,651.4
[4] Russia	-1.0	37500000.0	106,053.3	28,800.0	10,000.0	60,000.0	492,208.7
[5] Switzerland	-2.0	13050561.0	92,036.5	84,271.0	53,426.8	119,115.9	81,434.4
[6] Germany	-5.0	8634301.0	35,597.1	29,754.0	19,330.0	44,688.0	34,939.6
[7] UK	-51,784.4	1378473.6	3,385.9	2,721.7	1,576.7	4,433.8	4,971.9
Total	-2431482.0	37500000.0	40,707.8	17,754.0	3,637.7	46,179.0	168,415.2

14. Labor market experience

Labor market experience measured as years of employment/work.

It is not available for KLIPS and UKHLS. Other surveys have different approaches to this question, asking either about the total experience at work, organization or in occupation. Additionally, SOEP asks about full-time and part-time experience separately. CPF provides therefore several variables. *Exp* is recommended, however for SOEP the value was estimated based on *expft* and *exppt* (exploration and cleaning is recommended).

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
exp	1	.	1	1	1	1	.
exporg	1	.	1	1	.	1	.
expft	.	.	1	.	.	1	.
exppt	.	.	.	.	.	1	.

Australia

exp

ehtjb - how many [years/months] in total have spent in paid work (including both full or part-time work) since left full-time education for the first time

exporg

jbempt - DV: Tenure with current employer (years)

HILDA also provides jbocct: DV: Tenure in current occupation (years) (but not available for other countries – not included in CPF)

Korea

Not available

US

exp

How many years altogether has the person worked for money since the age of 18?
The values for this variable represent in years the actual amount of time the Reference Person had worked since the age of 18 until the time of the interview.

exporg

How many years' experience does the person have altogether with the present employer?
How many years/months/weeks experience does the person have altogether with the present employer?.
The values for this variable represent the actual number of years (years/months/weeks added together) the person has worked for the present employer. It refers to the current main job.

Available from 1976 (it was also asked in 1968 but using categories).

expft

How many of years did the person work full-time for most or all of the year since the age of 18?

The values for this variable represent in years the actual amount of time the Reference Person had worked full time since the age of 18 until the time of the interview.

Russia

exp

Number of years worked / Full years total general employment record cover. Coded in several variables (depending on wave).

We recommend cleaning the variable before use (comparing with age and removing cases indicating start of work at early ages). There is also some inconsistency across waves (values jump from wave to wave).

exporg

Based on: Year started the current main job.

Switzerland

exp

p_*w609*: Number of years spent in paid work - *Since that time (when you first started working on a more or less regular basis), roughly how many years have you spent at work, either as an employee or self-employed?* Deduct any years without an employment contract or remuneration

Germany

exporg

pgerwzeit - Length of time with firm

It is cleaned using based on plb0036_h.

expft

pgexpft - Working experience full-time employment

We recommend cleaning (e.g. if started work<14)

exppt

pgexppt - Working experience part-time employment

We recommend cleaning (e.g. if started work<14)

Based on information from SOEP documentation:

Pgexpft and pgexppt reflect the total length of full-time/part-time employment in the respondent's career. The variables are 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). They use calendar information up to December of the previous year and give the length of time in years with months in decimal form.

Persons whose life course has been observed completely but with no spell of full-time/part-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).

exp

Created by adding expft and exppt. In cases when the sum indicated starting the work before the age of 14, only expft was used. Note, however, that further exploration and cleaning is required.

UK

Not available

exp

Labor market experience

<years>

Total Labour market experience (full+part time)

Name: exp
Label: Labor market experience
Unique values: 8838
Missing values: 1,207,833
Range: [-3; 87]
Mean: 17.68
SD: 14.54

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-3.0	76.0	20.7	19.0	7.6	32.4	15.1
[2] Korea	.	.	.	.	.	.	.
[3] USA	-1.0	78.0	11.9	8.0	2.0	18.0	12.2
[4] Russia	-1.0	87.0	21.2	20.0	8.0	34.0	14.9
[5] Switzerland	-3.0	78.0	20.5	21.0	5.0	35.0	17.1
[6] Germany	-1.0	67.3	18.4	16.8	5.8	30.0	14.0
[7] UK	.	.	.	.	.	.	.
Total	-3.0	87.0	17.7	15.0	5.0	29.1	14.5

exporg

Experience in organisation

<years>

Tenure with current employer (years)

Name: exporg
Label: Experience in organisation
Unique values: 1708
Missing values: 1,790,155
Range: [-3; 81.5]
Mean: 4.70
SD: 8.71

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-3.0	76.0	3.6	1.0	-3.0	6.0	8.5
[2] Korea	.	.	.	.	.	.	.
[3] USA	0.0	81.5	3.8	0.1	0.0	5.0	6.7
[4] Russia	0.0	64.0	7.5	4.0	1.0	11.0	8.8
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-3.0	67.8	5.0	1.0	-2.0	8.6	9.6
[7] UK	.	.	.	.	.	.	.
Total	-3.0	81.5	4.7	1.0	0.0	7.0	8.7

expft

Labor market experience: full time

<years>

Only for Germany and US

Name: expft
Label: Labor market experience: full time
Unique values: 696
Missing values: 1,862,877
Range: [-1; 90]
Mean: 13.53
SD: 13.39

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	-1.0	90.0	10.1	6.0	1.0	15.0	11.8
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-1.0	61.3	15.7	12.1	3.0	27.0	13.9
[7] UK	.	.	.	.	.	.	.
Total	-1.0	90.0	13.5	9.0	2.0	22.5	13.4

exppt

Labor market experience: part time

<years>

Only for Germany

Name: exppt
Label: Labor market experience: part time
Unique values: 580
Missing values: 2,314,998
Range: [-1; 51.58300018310547]
Mean: 2.64
SD: 5.71

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-1.0	51.6	2.6	0.0	0.0	2.3	5.7
[7] UK	.	.	.	.	.	.	.
Total	-1.0	51.6	2.6	0.0	0.0	2.3	5.7

15. Health

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
srh5	1	1	1	1	1	1	1
disabpens	1	1	.	1	1	.	.
disab	1	.	1	1	1	1	1
disab2c	.	.	1	1	.	1	1
chron	1	.	.	.	1	1	1

srh5

Self-rated health

(1): Very good
(2): Good
(3): Satisfactory
(4): Bad
(5): Very bad

It indicates person's self-rated health status. All surveys use 5-point reversed scales (with different labels, e.g. a label "fair" can be 3 or 4; see description below).

Australia

gh1 - Self-assessed health
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

Korea

p__6101 - current health condition
(1) excellent
(2) good
(3) fair
(4) poor
(5) very poor

US

Would you say (your/Reference Person's) health in general is excellent, very good, good, fair, or poor?
1 Excellent
2 Very good
3 Good
4 Fair

5 Poor

Russia

M3 – Tell me, please: How would you evaluate your health? It is:
1. Very good
2. Good
3. Average--not good, but not bad
4. Bad
5. Very bad

Switzerland

Based on CPF m11126, which is created from c01: We are now going to talk about various aspects of your health. How do you feel right now?
1 very well
2 well
3 so, so (average)
4 not very well
5 not well at all

Germany

Based on CPF m11126, which is based on question ple0008: How would you describe your current health?

1. Very good
2. Good
3. Satisfactory
4. Poor
5. Bad

Ple0008 has more data but m11126 which was cleaned.

Data available for 1992 and since 1994 (1984-1991, and 1993: Data not available in SOEP).

UK

hlstat sf1 scsf1 - In general, would you say your health is...
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

Name: srh5
Label: Self-rated health
Unique values: 9
Missing values: 408,327
Range: [-3; 5]
Mean: 2.21

SD: 1.57

Value	Label	Freq.	Percent
-3		129,910	4.3
-2		959	0.0
-1		60,709	2.0
1	Very good	335,960	11.1
2	Good	1039259	34.2
3	Satisfactory	845,037	27.8
4	Bad	319,728	10.5
5	Very bad	90,737	3.0
.		216,749	7.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	101	102,893	26,916
-2	0	0	0	0	0	959	0
-1	31,912	57	1,238	1,859	0	0	25,643
1	27,918	10,544	67,802	5,447	37,091	72,738	114,420
2	91,014	137,162	104,524	97,632	106,829	255,163	246,935
3	93,981	89,150	96,250	166,098	22,775	198,297	178,486
4	37,128	34,278	40,492	39,349	3,082	83,375	82,024
5	8,663	6,959	15,703	6,112	385	22,488	30,427
.	0	55,549	146,045	0	5	0	15,150
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

disabpens

Receiving disability pension

(0): [0] No

(1): [1] Yes

Receives any type of disability pension.

Australia

Receives:

- Disability Support Pension (paid by Centrelink) (bncdsp, bnfdsp)
- Disability Pension (paid by DVA) (bncdva, bnfdva)

Korea

Type of social insurance (p_2151 p_2161 p_2171 p_2181) includes:

(2) disability pension

Russia

Receiving any of the following types of pensions:

- A disability pension
- working pension for disability: disability is assigned and there is some length of service [worked]
- pension for disability by federal provision of pensions: disabled participant of the great patriotic war
- social security pension for disability: disab.is assigned and he has never worked was disabled since childhood
- social security state pens. for citizens incapable of work: was a dependent of either a fallen serviceman or a victim

Coded in:

- J74– waves 1994-2000
- J74_1- waves 2001-03
- J74A J74B - waves 2004
- J74_1A/J74_1C waves 2005+

Switzerland

p_i80 : Payment received from DI (The Disability Insurance)

Name: disabpens
Label: Receiving disability pension
Unique values: 6
Missing values: 1,966,529
Range: [-3; 1]
Mean: -0.02
SD: 0.43

Value	Label	Freq.	Percent
-3	[-3] Not apply	18,067	0.6
-2	[-2] Item nresp	185	0.0
-1	[-1] MV gen	130	0.0
0	[0] No	1036562	34.1
1	[1] Yes	35,957	1.2
.		1948147	64.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	18,067	0	0
-2	0	0	0	0	185	0	0
-1	0	0	0	0	130	0	0
0	275,751	332,678	0	300,511	127,622	0	0
1	14,865	1,021	0	15,895	4,176	0	0
.	0	0	472,054	91	20,088	735,913	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

disab

Disability (any)

(0): [0] No

(1): [1] Yes

Persons has any type disability (physical, mental or nervous condition) that affects her/him everyday activities or work.

disab2c

Disability (min. category 2 or >30%)

(0): [0] No

(1): [1] Yes

Persons has a more sever type of disability (physical, mental or nervous condition) that restricts her/him in everyday activities or at work. As a more sever we consider an equivalent of category 2 disability or >30% limitation of functioning.

Australia

helth - Looking at SHOWCARD K1, do you have any long-term health condition, impairment or disability (such as these) that restricts you in your everyday activities, and has lasted or is likely to last, for 6 months or more? YES=1

helthwk Does your condition / ELSE IF K1b.size >=2: Do your conditions / ELSE [Does your condition / Do your conditions]] limit the type of work or the amount of work you can do? Yes =1 / Unable to do any work =3

helthdg Using the scale on SHOWCARD K4, could you pick a number between 0 and 10 to indicate how much your [IF K1b.size = 1: condition limits / ELSE IF K1b.size>=2 : conditions limit / ELSE condition[s] limit[s]] the amount of work you can do? An answer of 0 means “not at all” and an answer of 10 means you are “unable to do any work”.

disab=1 if helth==1 & (helthwk==3 | (helthwk==1 & helthdg>=1))

US

Based on questions (for details, see the code):

H2. Has any physical or nervous condition that limits the type of work or the amount of work

1. Yes

(5. No)

H3 . Does this condition keep from doing some types of work?
1. Yes
(5. No)
7. Can do nothing -> GO TO H5A

H4 . how much does it limit the amount of work
1. A lot
3. Somewhat
(5. Just a little)
(7. Not at all)

The last question (H4) is the most important element of the code. Before 1977 the list of answers was different:

1 Yes, complete limitation; can't work at all
2 Yes, severe limitation on work
3 Yes, some limitation on work (must rest, mentions part-time work, occasional limit on work, can't lift heavy objects, reports periods of pain, sickness, etc.)
4 Yes, but no limitation on work
5 No

disab
For disab, the underlined answers indicate categories recoded as 1 (is disabled).

disab2c
For disab2c, only answers 1 (A lot/Complete limitation) were coded as 1 (disability (min. category 2 or >30%)).

Russia

disab

M20_7 - Assigned to disability class (any class of disability)

disab2c

M20_8 - Assigned to disability class: second or third group

Switzerland

disab
p_w12, p_w13, p_w14 - Reason for currently not working: Permanently disabled and/or unfit for work

Germany

disab
Have you been officially assessed as being partially or fully incapable of working (erwerbsgemindert) or severely disabled (schwerbehindert)?

disab2c
m11124: Disability status of individual = disabled

UK

health - long-standing illness, disability or physical or mental impairment. By 'long-standing' - anything that has troubled the person over a period of at least 12 months or that is likely to trouble her/him over a period of at least 12 months.

disab
disdif – do you have any health problems or disabilities that mean you have substantial difficulties with any of the following areas of your life?

- Mobility (moving around at home and walking)
- Lifting, carrying or moving objects
- Manual dexterity (using your hands to carry out everyday tasks)
- Continence (bladder and bowel control)
- Hearing (apart from using a standard hearing aid)
- Sight (apart from wearing standard glasses)
- Communication or speech problems
- Memory or ability to concentrate, learn or understand
- Recognising when you are in physical danger
- Your physical co-ordination (e.g. balance)
- Difficulties with own personal care
- Other health problem or disability

Only for waves 19+. There are alternative questions in BHPS (wave <19)- please inspect them and use according to a research problem.

disab2c
Dissev - Severity of impairment or disability listed in *disab*: A lot of difficulty / Unable to do this?

Name: disab
Label: Disability (any)
Unique values: 7
Missing values: 759,810
Range: [-8; 1]
Mean: -0.04
SD: 1.21

Value	Label	Freq.	Percent
-8	[-8] Not asked	46,114	1.5
-3	[-3] Not apply	14,282	0.5
-2	[-2] Item nresp	3,164	0.1
-1	[-1] MV gen	3,323	0.1
0	[0] No	1951373	64.2
1	[1] Yes	327,865	10.8
.		692,927	22.8
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	46,114	0
-3	0	0	0	0	0	14,282	0
-2	0	0	0	0	0	3,164	0
-1	0	0	2,914	409	0	0	0
0	233,245	0	352,449	231,743	166,687	596,235	371,014
1	57,371	0	47,445	25,104	3,581	76,043	118,321
.	0	333,699	69,246	59,241	0	75	230,666
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

Name: disab2c
Label: Disability (min. category 2 or >30%)
Unique values: 7
Missing values: 1,487,751
Range: [-8; 1]
Mean: -0.06
SD: 1.01

Value	Label	Freq.	Percent
-8	[-8] Not asked	19,429	0.6
-3	[-3] Not apply	26,760	0.9
-2	[-2] Item nresp	1,796	0.1
-1	[-1] MV gen	3,323	0.1
0	[0] No	1407087	46.3
1	[1] Yes	144,210	4.7
.		1436443	47.3
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	19,429	0
-3	0	0	0	0	0	26,760	0
-2	0	0	0	0	0	1,796	0
-1	0	0	2,914	409	0	0	0
0	0	0	369,648	234,571	0	617,666	185,202
1	0	0	30,246	22,276	0	70,262	21,426
.	290,616	333,699	69,246	59,241	170,268	0	513,373
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

chron

Chronic diseases

(0): [0] No

(1): [1] Yes

The version of *chron* currently available in CPF is not ready to use. This is a working variable and is not fully harmonized. Most of all, it requires conceptual framework and users have to define chronic conditions they want to include. Some surveys offer an extensive list of chronic conditions, while other are limited a simple yes-no question. Nevertheless, we provided a partial syntax which can be helpful.

Note:

- the list of conditions included in surveys have been often changing with waves
- in some surveys the question was asked only in selected waves

Australia

Based on a list of long-term health condition, impairment or disability that restricts you in your everyday activities, and has lasted or is likely to last, for 6 months or more (phelth and subsequent questions). They include:

- Sight problems not corrected by glasses
- Hearing problems
- Speech problems
- Blackouts, fits or loss of consciousness
- Slow at learning or understanding things
- Limited use of arms or fingers
- Difficulty gripping things
- Limited use of feet or legs
- A nervous or emotional condition which r
- Any condition that restricts physical ac
- Any disfigurement or deformity
- Any mental illness which requires help o
- Shortness of breath or difficulty breath
- Chronic or recurring pain
- Long term effects as a result of a head
- A long-term condition or ailment which i
- Any other long-term condition such as ar

Korea

NA, asked only in one wave

US

There is a list of diseases to pick from in H5 (2017 quest) - please specify depending on research questions.

Russia

There is a list of diseases to pick from in M20* - please specify depending on research questions:

- 2000+: M20_61 M20_62 M20_63 M20_64 M20_65 M20_66 M20_69
- 2012+: M20_610 M20_611 M20_612 M20_613 M20_614 M20_615 M20_616 M20_617 M20_618 M20_619 M20_620

Switzerland

p_c19a - Do you suffer from (have) any chronic (long standing) illness or condition (health problem): Yes/No.

Germany

ple0036 - Chronically ill

UK

health – Has long-standing illness, disability or physical or mental impairment. By 'long-standing' - anything that has troubled the person over a period of at least 12 months or that is likely to trouble her/him over a period of at least 12 months.

Name: chron
Label: Chronic diseases
Unique values: 7
Missing values: 1,857,598
Range: [-8; 1]
Mean: -2.04
SD: 3.78

Value	Label	Freq.	Percent
-8	[-8] Not asked	469,851	15.5
-3	[-3] Not apply	39	0.0
-2	[-2] Item nresp	3,218	0.1
-1	[-1] MV gen	1,211	0.0
0	[0] No	786,283	25.9
1	[1] Yes	395,167	13.0
.		1383279	45.5
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	469,851	0
-3	0	0	0	0	38	0	1
-2	0	0	0	0	132	3,086	0
-1	0	0	0	0	277	0	934
0	213,761	0	0	0	88,319	167,990	316,213
1	76,855	0	0	0	51,214	94,911	172,187
.	0	333,699	472,054	316,497	30,288	75	230,666
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

16. Satisfaction

General description

CPF provides several dimensions of subjective wellbeing which can be harmonized for at least several countries. Due to differences in original answer scales, we include two versions of each variable: with a 5-point scale (1-5 range) and 11-point (0-10 range).

- 5-point (sat*5)
  - 1 "Completely dissat"
  - 2 "Mostly dissat"
  - 3 "Neutral"
  - 4 "Mostly sat"
  - 5 "Completely sat"
- 0-10 range (sat*10)
  - 0 "Completely dissat"
  - …
  - 5 "Neutral"
  - …
  - 10 "Completely sat"

If required, the original values were rescaled:

- 10-point into 5-point version
  - (0 1=1)(2 3 4=2)(5=3)(6 7 8=4)(9 10=5)
- 5-point into 0-10 range
  - (1=0) (2=3) (3=5) (4=7) (5=10)
- In case of UK, the original 1-7 scale was rescaled as follows:
  - Into sat5: (1=1)(2 3 =2)(4=3)(5 6=4)(7=5)
  - Into sat10: (1=0)(2=1.67)(3=3.33)(4=5)(5=6.67)(6=8.33)(7=10)

Variables *sat*5* with 5-point scales are recommended for general use. Sat*10 can be useful for analysing selected countries which have the original variables available in 0-10 versions.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
satfinhh5	1	1	.	1	1	1	1
satfinhh10	1	1	.	1	1	1	1
satinc5	1	1	.	1	1	1	.
satinc10	1	1	.	1	1	1	.
satwork5	1	1	.	1	1	1	1
satwork10	1	1	.	1	1	1	1
sathlth5	1	.	.	.	1	1	1
sathlth10	1	.	.	.	1	1	1
satlife5	1	1	1	1	1	1	1
satlife10	1	1	1	1	1	1	1
satfam5	.	1	.	.	1	1	.
satfam10	.	1	.	.	1	1	.

sathlth5

Satisfaction: health [5]

sathlth10

Satisfaction: health [10]

UK

BHPS (waves 1-18): lfsat1- Satisfaction with: health

1. Not satisfied at all
7. Completely satisfied

UKHLS (waves 19+): sclfsat1-

Here are some questions about how you feel about your life. Please choose the number which you feel best describes how dissatisfied or satisfied you are with the following aspects of your current situation.

Satisfaction with: health

1. Completely dissatisfied
7. Completely satisfied

AUS

I am now going to ask you some questions about how satisfied or dissatisfied you are with some of the things happening in your life. I am going to read out a list of different aspects of life and, using the scale on SHOWCARD …, I want you to pick a number between 0 and 10 that indicates your level of satisfaction with each. The more satisfied you are, the higher the number you should pick. The less satisfied you are, the lower the number.

Your health?

SWT

How satisfied are you with your state of health, if 0 means "not at all satisfied" and 10 "completely satisfied" ?

GER

How satisfied are you today with the following areas of your life? How satisfied are you with your health?

0. Completely dissatisfied
10. Completely satisfied

Name: sathlth5
Label: Satisfaction: health [5]
Unique values: 10
Missing values: 1,274,113
Range: [-8; 5]
Mean: 3.43
SD: 1.75

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-2.0	5.0	4.0	4.0	4.0	4.0	0.9
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	-3.0	5.0	4.2	4.0	4.0	5.0	0.8
[6] Germany	-8.0	5.0	3.6	4.0	3.0	4.0	1.5
[7] UK	-3.0	5.0	2.7	4.0	2.0	4.0	2.2
Total	-8.0	5.0	3.4	4.0	3.0	4.0	1.8

Name: sathlth10
Label: Satisfaction: health [10]
Unique values: 20
Missing values: 1,274,113
Range: [-8; 10]
Mean: 6.34
SD: 3.14

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-2.0	10.0	7.2	8.0	6.0	8.0	2.0
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	-3.0	10.0	7.8	8.0	7.0	9.0	1.8
[6] Germany	-8.0	10.0	6.6	7.0	5.0	8.0	2.6
[7] UK	-3.0	10.0	5.3	6.7	3.3	8.3	3.9
Total	-8.0	10.0	6.3	7.0	5.0	8.3	3.1

satlife5

Satisfaction: life [5]

satlife10

Satisfaction: life [10]

AUS

All things considered, how satisfied are you with your life? Again, pick a number between 0 and 10 to indicate how satisfied you are.
The more satisfied you are, the higher the number you should pick. The less satisfied you are, the lower the number.

KOR

Overall, how satisfied or dissatisfied are you with your life?
(1) very satisfied
(2) satisfied
(3) neither satisfied nor dissatisfied
(4) dissatisfied
(5) very dissatisfied

US

Only from 2009
Please think about your life as a whole. How satisfied are you with it? Are you completely satisfied, very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?
1 Completely satisfied
…
5 Not at all satisfied

RUS

To what extent are you satisfied with your life in general at the present time?
1. Fully satisfied
…
5. Not at all satisfied

SWT

In general, how satisfied are you with your life if 0 means "not at all satisfied" and 10 means "completely satisfied"?

GER

How satisfied are you with your life, all things considered?
0. Completely dissatisfied
10. Completely satisfied

UK

BHPS (waves 1-18): Lfsato - Satisfaction with: life overall

1. Not satisfied at all
7. Completely satisfied

UKHLS (waves 19+): Sclfsato - Satisfaction with: your life overall

1. Completely dissatisfied
7. Completely satisfied

Name: satlife5
Label: Satisfaction: life [5]
Unique values: 10
Missing values: 552,640
Range: [-8; 5]
Mean: 3.51
SD: 1.51

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-2.0	5.0	4.2	4.0	4.0	5.0	0.7
[2] Korea	-1.0	5.0	3.3	3.0	3.0	4.0	0.7
[3] USA	-3.0	5.0	3.8	4.0	3.0	4.0	1.1
[4] Russia	-1.0	5.0	3.0	3.0	2.0	4.0	1.2
[5] Switzerland	-3.0	5.0	4.3	4.0	4.0	5.0	0.7
[6] Germany	-8.0	5.0	3.8	4.0	4.0	4.0	1.2
[7] UK	-3.0	5.0	3.0	4.0	3.0	4.0	2.2
Total	-8.0	5.0	3.5	4.0	3.0	4.0	1.5

Name: satlife10
Label: Satisfaction: life [10]
Unique values: 20
Missing values: 552,640
Range: [-8; 10]
Mean: 6.43
SD: 2.77

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-2.0	10.0	7.9	8.0	7.0	9.0	1.5
[2] Korea	-1.0	10.0	5.6	5.0	5.0	7.0	1.4
[3] USA	-3.0	10.0	6.8	7.0	5.0	7.0	2.3
[4] Russia	-1.0	10.0	5.0	5.0	3.0	7.0	2.6
[5] Switzerland	-3.0	10.0	8.0	8.0	7.0	9.0	1.4
[6] Germany	-8.0	10.0	7.0	8.0	6.0	8.0	2.2
[7] UK	-3.0	10.0	5.8	6.7	5.0	8.3	3.8
Total	-8.0	10.0	6.4	7.0	5.0	8.3	2.8

satfinhh5

Satisfaction: financial situation of HH [5]

satfinhh10

Satisfaction: financial situation of HH [10]

AUS

I am now going to ask you some questions about how satisfied or dissatisfied you are with some of the things happening in your life. I am going to read out a list of different aspects of life and, using the scale on SHOWCARD …, I want you to pick a number between 0 and 10 that indicates your level of satisfaction with each. The more satisfied you are, the higher the number you should pick. The less satisfied you are, the lower the number.

Your financial situation?

KOR

How satisfied or dissatisfied are you with the following aspects of your life?
Household income
(1) very satisfied
(2) satisfied
(3) neither satisfied nor dissatisfied
(4) dissatisfied
(5) very dissatisfied

RUS

Tell me, please: How satisfied are you with your economic conditions at the present time?
1. Fully satisfied
…
5. Not at all satisfied

SWT

Overall how satisfied are you with your financial situation, if 0 means "not at all satisfied" and 10 "completely satisfied"?

GER

How satisfied are you today with the following areas of your life? How satisfied are you with your household income?

0. Completely dissatisfied
10. Completely satisfied

UK

BHPS (waves 1-18): lfsat2_bh- Satisfaction with: income of hhold

1. Not satisfied at all
7. Completely satisfied

UKHLS (waves 19+): sclfsat2- Satisfaction with income of your household

1. Completely dissatisfied
7. Completely satisfied

Name: satfinhh5
Label: Satisfaction: financial situation of HH [5]
Unique values: 11
Missing values: 692,091
Range: [-8; 5]
Mean: 2.99
SD: 1.95

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-2.0	5.0	3.7	4.0	3.0	4.0	1.0
[2] Korea	-1.0	5.0	2.8	3.0	2.0	3.0	0.8
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	5.0	2.3	2.0	1.0	3.0	1.1
[5] Switzerland	-3.0	5.0	3.9	4.0	4.0	4.0	1.0
[6] Germany	-8.0	5.0	3.1	4.0	3.0	4.0	2.5
[7] UK	-3.0	5.0	2.7	4.0	2.0	4.0	2.2
Total	-8.0	5.0	3.0	4.0	2.0	4.0	2.0

Name: satfinhh10
Label: Satisfaction: financial situation of HH [10]
Unique values: 20
Missing values: 692,091
Range: [-8; 10]
Mean: 5.35
SD: 3.31

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-2.0	10.0	6.5	7.0	5.0	8.0	2.2
[2] Korea	-1.0	10.0	4.7	5.0	3.0	5.0	1.7
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	10.0	3.5	3.0	0.0	5.0	2.6
[5] Switzerland	-3.0	10.0	7.2	8.0	6.0	8.0	2.2
[6] Germany	-8.0	10.0	5.8	7.0	5.0	8.0	3.7
[7] UK	-3.0	10.0	5.0	6.7	3.3	8.3	3.8
Total	-8.0	10.0	5.3	6.0	3.3	8.0	3.3

satinc5

Satisfaction: individual income [5]

satinc10

Satisfaction: individual income [10]

AUS

I now have some questions about how satisfied or dissatisfied you are with different aspects of your job. Looking at SHOWCARD C35, please pick a number between 0 and 10 to indicate how satisfied or dissatisfied you are with the following aspects of your job. The more satisfied you are, the higher the number you should pick. The less satisfied you are, the lower the number.

Your total pay?

KOR

How satisfied or dissatisfied are you with regard to your main job on the
following aspects?
Wages or earnings
(1) very satisfied
(2) satisfied
(3) neither satisfied nor dissatisfied
(4) dissatisfied
(5) very dissatisfied

RUS

Tell me, please: How satisfied or unsatisfied are you with…?
Your earnings
1. Absolutely satisfied
…
5. Absolutely unsatisfied

SWT

On a scale from 0 "not at all satisfied" to 10 "completely satisfied" can you indicate your degree of satisfaction for each of the following points?

The income you get from your job

GER

How satisfied are you today with the following areas of your life? How satisfied are you with your personal income?

0. Completely dissatisfied

10. Completely satisfied

Name: satinc5
Label: Satisfaction: individual income [5]
Unique values: 10
Missing values: 1,978,737
Range: [-8; 5]
Mean: 0.47
SD: 4.66

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-3.0	5.0	1.4	4.0	-3.0	4.0	3.4
[2] Korea	-1.0	5.0	2.8	3.0	2.0	3.0	0.8
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	5.0	2.8	3.0	2.0	4.0	1.3
[5] Switzerland	-3.0	5.0	2.0	4.0	-2.0	4.0	2.9
[6] Germany	-8.0	5.0	-1.3	2.0	-8.0	4.0	5.6
[7] UK	.	.	.	.	.	.	.
Total	-8.0	5.0	0.5	3.0	-3.0	4.0	4.7

Name: satinc10
Label: Satisfaction: individual income [10]
Unique values: 16
Missing values: 1,978,737
Range: [-8; 10]
Mean: 2.15
SD: 6.08

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-3.0	10.0	3.4	6.0	-3.0	8.0	5.1
[2] Korea	-1.0	10.0	4.6	5.0	3.0	5.0	1.7
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	10.0	4.5	5.0	3.0	7.0	2.8
[5] Switzerland	-3.0	10.0	3.9	6.0	-3.0	8.0	5.0
[6] Germany	-8.0	10.0	0.1	3.0	-8.0	7.0	7.1
[7] UK	.	.	.	.	.	.	.
Total	-8.0	10.0	2.2	5.0	-3.0	7.0	6.1

satwork5

Satisfaction: work [5]

satwork10

Satisfaction: work [10]

AUS

I now have some questions about how satisfied or dissatisfied you are with different aspects of your job. Looking at SHOWCARD C35, please pick a number between 0 and 10 to indicate how satisfied or dissatisfied you are with the following aspects of your job. The more satisfied you are, the higher the number you should pick. The less satisfied you are, the lower the number.

All things considered, how satisfied are you with your job?

KOR

Overall, how satisfied or dissatisfied are you with your main job
(workplace)?
(1) very satisfied
(2) satisfied
(3) neither satisfied nor dissatisfied
(4) dissatisfied
(5) very dissatisfied

RUS

Tell me, please: How satisfied or unsatisfied are you with…?
Your job in general
1. Absolutely satisfied
…
5. Absolutely unsatisfied

SWT

On a scale from 0 "not at all satisfied" to 10 "completely satisfied" can you indicate your degree of satisfaction for each of the following points?

Your job in general

GER

How satisfied are you today with the following areas of your life? How satisfied are you with your job? (if employed)

0. Completely dissatisfied
10. Completely satisfied

UK

BHPS (waves 1-18): jbsat_bh- Job satisfaction: overall

1. Not satisfied at all
7. Completely satisfied

UKHLS (waves 19+): jbsat - Job satisfaction

1. Completely dissatisfied
7. Completely satisfied

Name: satwork5
Label: Satisfaction: work [5]
Unique values: 11
Missing values: 1,610,642
Range: [-8; 5]
Mean: 1.36
SD: 3.44

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-3.0	5.0	1.6	4.0	-3.0	4.0	3.5
[2] Korea	-1.0	5.0	3.2	3.0	3.0	4.0	0.7
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	5.0	3.5	4.0	3.0	4.0	1.1
[5] Switzerland	-3.0	5.0	2.3	4.0	-2.0	4.0	3.0
[6] Germany	-8.0	5.0	0.9	3.0	-3.0	4.0	3.8
[7] UK	-3.0	5.0	0.6	2.0	-3.0	4.0	3.5
Total	-8.0	5.0	1.4	3.0	-3.0	4.0	3.4

Name: satwork10
Label: Satisfaction: work [10]
Unique values: 20
Missing values: 1,610,642
Range: [-8; 10]
Mean: 3.37
SD: 5.18

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	-3.0	10.0	3.9	7.0	-3.0	8.0	5.3
[2] Korea	-1.0	10.0	5.5	5.0	5.0	7.0	1.4
[3] USA	.	.	.	.	.	.	.
[4] Russia	-1.0	10.0	6.2	7.0	5.0	7.0	2.4
[5] Switzerland	-3.0	10.0	4.5	7.0	-3.0	8.0	5.3
[6] Germany	-8.0	10.0	2.8	5.0	-3.0	8.0	5.5
[7] UK	-3.0	10.0	2.4	3.3	-3.0	8.3	5.4
Total	-8.0	10.0	3.4	5.0	-3.0	8.0	5.2

satfam5

Satisfaction: family relationship [5]

satfam10

Satisfaction: family relationship [10]

KOR

How satisfied or dissatisfied are you with the following aspects of your life?
Family relations
(1) very satisfied
(2) satisfied
(3) neither satisfied nor dissatisfied
(4) dissatisfied
(5) very dissatisfied

SWT

How satisfied are you with your personal, social and family relationships, if 0 means "not at all satisfied" and 10 "completely satisfied"?

GER

How satisfied are you today with the following areas of your life? How satisfied are you with your family life?

0. Completely dissatisfied
10. Completely satisfied

Name: satfam5
Label: Satisfaction: family relationship [5]
Unique values: 10
Missing values: 2,184,995
Range: [-8; 5]
Mean: 0.41
SD: 5.54

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	-1.0	5.0	3.6	4.0	3.0	4.0	0.7
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	-3.0	5.0	4.3	4.0	4.0	5.0	0.7
[6] Germany	-8.0	5.0	-1.9	-2.0	-8.0	4.0	6.1
[7] UK	.	.	.	.	.	.	.
Total	-8.0	5.0	0.4	4.0	-8.0	4.0	5.5

Name: satfam10
Label: Satisfaction: family relationship [10]
Unique values: 16
Missing values: 2,184,995
Range: [-8; 10]
Mean: 2.72
SD: 7.18

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	-1.0	10.0	6.2	7.0	5.0	7.0	1.4
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	-3.0	10.0	8.2	8.0	8.0	9.0	1.6
[6] Germany	-8.0	10.0	-0.0	-2.0	-8.0	8.0	8.1
[7] UK	.	.	.	.	.	.	.
Total	-8.0	10.0	2.7	7.0	-8.0	8.0	7.2

17. Training and qualifications

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
train	1	1	.	1	1	1	1
eduwork	.	1	.	1	1	1	.
wqualif	.	1	.	.	1	.	.

train

Training (previous year)

(0): [0] No

(1): [1] Yes

Taken part in work-related training in the past 12 months. It does not include formal education at school.

Australia

2003-2006: tatrwrk - DV: Taken part in any work related training in the past 12 months. Combination of responses from employees and those not currently employed. Excludes current employers and self-employed. Based on:

- jbtremp Taken part in education/training in 12 months as part of employment
- ujtrwrk Taken part in any work related training in past 12 months

From 2007: jttrwrk - Taken part in any work related training in past 12 months. Employed in any job in the past 12 months

Korea

Training received within the previous 12 months or ongoing (p_4501 p_4516 p_4556 p_4596 p_4517 p_4557 p_4597 p_4515 p_4555 p_4595)

US

Not available. Poor indicators for last 12 months, e.g. about receiving degree or certificate

Russia

J72.11. During the last 12 months did you study or are you now studying courses for the improvement of professional skills, or any other courses, including courses in foreign languages and education at the workplace?

This question is included since 2001. For waves 1995-2000, the question J72.111 refers to the last 2 years. Note, that we also included it – the longer reference time should not distort the results.

Switzerland

p_e18 - Professional training courses: Last 12 months. Since (month-year), have you undertaken one or more training courses for professional reasons, including finding/looking for a new job?

Question not asked to people currently studying at a school (p_e14) or >=65 years old.

Germany

plg0269_v1 plg0269_v2 - Took part in vocational training programs / professional development in previous year

Availible from 2014.

UK

trainany - In the last 12 months, that is since interview …, have you done any training schemes or courses, even if they are not finished yet? Please include any part-time or evening courses, training provided by an employer, day release schemes, apprenticeships and government training schemes.

ednew -waves 1-7 all - Any training/education since previous wave

jbed - waves 1-7 W - Had work related training since previous wave

train - waves 8-18 - Taken any part-time courses

trainany - waves 20+ - training since last interview

Name: train
Label: Training (previous year)
Unique values: 7
Missing values: 1,273,597
Range: [-8; 1]
Mean: -1.86
SD: 3.38

Value	Label	Freq.	Percent
-8	[-8] Not asked	548,963	18.1
-3	[-3] Not apply	156,803	5.2
-2	[-2] Item nresp	7,331	0.2
-1	[-1] MV gen	5,118	0.2
0	[0] No	1491754	49.1
1	[1] Yes	273,697	9.0
.		555,382	18.3
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	548,963	0
-3	86,180	0	0	0	18,385	0	52,238
-2	44	0	0	6,805	93	389	0
-1	0	0	0	0	43	0	5,075
0	119,871	320,418	0	288,337	111,186	152,971	498,971
1	58,890	13,281	0	12,924	40,561	33,515	114,526
.	25,631	0	472,054	8,431	0	75	49,191
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

eduwork

Work-education skill fit

(0): 0 Poor

(1): 1 Good

Self-assesment of the match between respondent's formal education and current job. It refers primarily to the level of formal education (not skills).

Korea

p_4401 - Compared to respondent's educational level, the level of current work is:

(1) very low

(2) low

(3) well-matched

(4) high

(5) very high

Russia

J72.26. At your main job are you employed by the speciality which you received in...[*the highest educational level of the respondent*]?

1. Exactly by the speciality
2. Not by the speciality, bit by close one
3. Absolutely by the other one

Switzerland

p_w100 - How do you estimate your qualifications with regard to your current job?

1. your qualifications are not sufficient
2. your qualifications correspond to your job
3. your qualifications are superior to your job
4. your qualifications not relate to your job

Germany

pgerljob - Working in occupation trained for (Does this job correspond to the occupation for which you were trained?): Yes

Name: eduwork
Label: Work-education skill fit
Unique values: 6
Missing values: 2,322,083
Range: [-3; 1]
Mean: -0.70
SD: 1.59

Value	Label	Freq.	Percent
-3	[-3] Not apply	377,093	12.4
-2	[-2] Item nresp	15,482	0.5
-1	[-1] MV gen	297,286	9.8
0	0 Poor	236,672	7.8
1	1 Good	480,293	15.8
.		1632222	53.7
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	53,584	323,509	0
-2	0	0	0	343	415	14,724	0
-1	0	537	0	296,338	411	0	0
0	0	30,366	0	8,888	25,586	171,832	0
1	0	153,245	0	10,928	90,272	225,848	0
.	290,616	149,551	472,054	0	0	0	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

wqualif

Qualifications for job

(1): 1 Underqualified/Not qualified
(2): 2 Qualified (fit)
(3): 3 Overqualified

How does the respondent estimate her/his qualifications with regard to the current job.It refers to skills (not formal education level)

Korea

p_4402 - Compared to respondent's skills, the level of current work is:

(1) very low
(2) low

(3) well-matched
(4) high
(5) very high

(1 2=1) (3=2) (4 5=3)

Switzerland

p_w100 - How do you estimate your qualifications with regard to your current job?
1. your qualifications are not sufficient
2. your qualifications correspond to your job
3. your qualifications are superior to your job
4. your qualifications not relate to your job

(1 4=1) (2=2) (3=3)

Name: wqualif
Label: Qualifications for job
Unique values: 7
Missing values: 2,739,679
Range: [-3; 3]
Mean: 1.18
SD: 1.82

Value	Label	Freq.	Percent
-3	[-3] Not apply	53,584	1.8
-2	[-2] Item nresp	415	0.0
-1	[-1] MV gen	1,045	0.0
1	1 Underqualified/Not qualified	35,103	1.2
2	2 Qualified (fit)	245,577	8.1
3	3 Overqualified	18,689	0.6
.		2684635	88.3
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	53,584	0	0
-2	0	0	0	0	415	0	0
-1	0	634	0	0	411	0	0
1	0	25,729	0	0	9,374	0	0
2	0	155,305	0	0	90,272	0	0
3	0	2,477	0	0	16,212	0	0
.	290,616	149,554	472,054	316,497	0	735,913	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

18. Job security

We recommend to adjust the design according to the research goal, and compare definition and distributions between countries.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
jsecu	1	1	.	1	1	1	1
jsecu2	1	1	.	1	.	.	1

Australia

Based on:

- jbmploj - Percent chance of losing job [0-100%]
- jomsf - I have a secure future in my job: 1 Strongly disagree - 7 Strongly agree

Adjust according to the research goal. In particular, reconsider recoding of jbmploj.
Alternative variables can be used:

- jbmssec - job security satisfaction
- jomwf - I worry about the future of my job

jsecu

jbmploj

- secure (0) = 0-14% chance of losing job
- insecure (1) = 15-100% chance of losing job

jsecu2

jsecu2=jsecu
jomsf (1/3=1) (4=2) (5/7=0)
jsecu2=2 if (jsecu2_a==0 & jsecu2_c==1) | (jsecu2_a==1 & jsecu2_c==0) | (jsecu2_c==2)

Korea

p_4312 - Satisfaction with stability of employment
(1) very satisfied
(2) satisfied
(3) neither satisfied nor dissatisfied
(4) dissatisfied
(5) very dissatisfied

jsecu

(1 2 3=0) (4 5=1)

jsecu2
(1 2=0) (4 5=1) (3=2)

US

Not available.

Russia

J31. How concerned are you that you might lose your job?
1. Very concerned
2. A little concerned
3. Both yes and no
4. Not very concerned
5. Not concerned at all

jsecu
(1 2=1)(3 4 5=0)

jsecu2
(1 2=1)(4 5=0)(3=2)

Note, there are many answers 1 and 2, what results in higher share of insecurity then in other countries. Users can consider redesigning the recoding to (1=1)(2 3 4 5=0) and (1=1)(4 5=0)(2 3=2).

Switzerland

p_w86a - Would you say that your job is very secure, quite secure, a bit insecure or very insecure ?
1 very secure
2 quite secure
3 a bit insecure
4 very insecure
jsecu
(1 2=0) (3 4=1)

Germany

plh0042 - Worried About Job Security
[1] Very Concerned
[2] Somewhat Concerned
[3] Not Concerned At All

jsecu
(1=1)(2 3=0)

UK

jbsec - waves 20 22 24 26 - how likely losing job next 12 months:
I would like you to think about your employment prospects over the next 12 months. Thinking about losing your job by being sacked, laid-off, made redundant or not having your contract renewed, how likely do you think it is that you will lose your job during the next 12 months? Is it...

1. Very likely
2. Likely
3. Unlikely
4. Very unlikely

jbsat4 - waves 1-18 (employed) - Job satisfaction: job security
1 Not satis at all – 4 Not satis/dissat - 7 Completely satis

jssat2 - waves 1-18 (self-employed) - Job satisfaction: job security
1 Not satis at all – 4 Not satis/dissat - 7 Completely satis

jsecu
jbsec (1 2=1) (3 4=0) - since wave 20 (every second wave only)
jssat2 jssat4 (1/3=1) (4/7=0) - for waves 1-18

jsecu2
jssat2 jssat4 (1/3=1) (4=2) (5/7=0)
Available for waves 1-18 only

jsecu

Job insecurity [2]
(0): Secure
(1): Insecure

Respondent is worried about job security (stability of employment / keeping job). Only for employed.

Name: jsecu
Label: Job insecurity [2]
Unique values: 7
Missing values: 1,749,473
Range: [-8; 1]
Mean: -0.99
SD: 1.65

Value	Label	Freq.	Percent
-8	[-8] Not asked	22,585	0.7
-3	[-3] Not apply	668,608	22.0

-2	[-2] Item nresp	21,712	0.7
-1	[-1] MV gen	143,504	4.7
0	Secure	1032093	34.0
1	Insecure	257,482	8.5
.		893,064	29.4
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	22,585	0
-3	133,951	0	0	0	44,401	266,857	223,399
-2	836	0	0	1,276	350	19,250	0
-1	0	642	0	135,188	587	0	7,087
0	123,026	162,157	0	75,949	83,833	372,400	214,728
1	32,803	27,782	0	104,084	10,809	54,746	27,258
.	0	143,118	472,054	0	30,288	75	247,529
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

jsecu2

Job insecurity [3]

(0): Secure

(1): Insecure

(2): Hard to say

Respondent is worried about job security (stability of employment / keeping job). Only for employed.

Jsecu2 has an additional category “Hard to say”, which – if available in the original question – was included in “secure” in *jsecu*.

Name: jsecu2
Label: Job insecurity [3]
Unique values: 7
Missing values: 2,374,686
Range: [-3; 2]
Mean: -0.30
SD: 1.69

Value	Label	Freq.	Percent
-3	[-3] Not apply	225,922	7.4
-2	[-2] Item nresp	1,901	0.1
-1	[-1] MV gen	136,175	4.5
0	Secure	327,399	10.8
1	Insecure	166,065	5.5
2	Hard to say	170,898	5.6
.		2010688	66.2
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	129,679	0	0	0	0	0	96,243
-2	625	0	0	1,276	0	0	0
-1	0	642	0	135,188	0	0	345
0	96,799	72,308	0	53,341	0	0	104,951
1	16,677	27,782	0	104,084	0	0	17,522
2	46,836	89,849	0	22,608	0	0	11,605
.	0	143,118	472,054	0	170,268	735,913	489,335
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

19. Socio-economic position scales

CPF contains a range of socio-economic position scales or indexes based on respondents' work status and occupation. Some surveys provided them in their datasets, for the rest they were calculated.

If not available in original dataset, variables werecreated according to Ganzeboom (2010) algorithms with the help of iscogen STATA ado (Jann, 2019). See Ganzeboom (2010):

http://www.harryganzeboom.nl/isco08/isco08_with_isei.pdf

The procedure should be based on ISCO level 4. However, if not available, the scale was based on ISCO level 2 codes converted to level 4 (multiplied by 100). In such cases, it is less precise. For comparative purposes, further categorization can be considered to obtain similar distributions across countries.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
isei08	1	1	1	1	1	1	1
isei88	1	1	1	1	1	1	1
isei88soep	.	.	.	.	.	1	.
siops08	1	1	1	1	1	1	1
siops88	1	1	1	1	1	1	1
siops88soep	.	.	.	.	.	1	.
mps88	.	.	1	1	1	1	1
mps92soep	.	.	.	.	.	1	.

isei08

ISEI-08: International Socio-Economic Index of occupational status
<number>

isei88

ISEI-88: International Socio-Economic Index of occupational status
<number>

International Socio-Economic Index of occupational status for the current main job. Created based on ISCO version 2008 (ISEI-08) or 1988 (ISEI88). Available for all employed persons. If not available in original dataset, the variable was created according to Ganzeboom (2010) algorithms with the help of iscogen STATA ado (Jann, 2019).

See Ganzeboom (2010): http://www.harryganzeboom.nl/isco08/isco08_with_isei.pdf

AUS

Constructed based on the 2-digit ISCO code (re-classified from the Australian occupational classification) with the help of iscogen STATA ado.

Additionally, HILDA provides the Australian version The Australian Socioeconomic Index 2006 (*osi_aus* AUSEI06). It is based on the official occupational classifications of the Australian Bureau of Statistics (ABS). It was created based on a more detailed information on the main occupation, thus it is more accurate for within-country analysis or comparison of the relative-position between countries.

KOR

Constructed based on the 2-digit ISCO code (re-classified from the Korean occupational classification) with the help of iscogen STATA ado.

Also available: p__6615 - current perceived economic status

US

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

RUS

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

SWT

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

GER

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

isei88soep

Additionally, SOEP provides pgisei88. It contains more information. As a general rule, for MV in ISCO, it forward-leads the information from previous known ISCO status, however, there are unexplained rules (sometimes it copies info from an older-wave ISCO; sometimes copies MV).

isei88soep =pgisei88

CPF keep the SOEP variable and users can choose to work with it instead of the automatically generated CPF variable.

UK

Constructed based on the 3-digit ISCO code with the help of iscogen STATA ado.

Name: isei08
Label: ISEI-08: International Socio-Economic Index of occupational status
Unique values: 73
Missing values: 1,241,507
Range: [10; 89]
Mean: 43.51
SD: 15.96

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	14.0	69.0	45.9	41.0	32.0	62.0	15.2
[2] Korea	14.0	69.0	37.3	35.0	29.0	41.0	13.9
[3] USA	10.0	89.0	42.3	40.0	30.0	57.0	16.5
[4] Russia	10.0	89.0	43.4	40.0	31.0	54.0	15.8
[5] Switzerland	10.0	89.0	48.2	48.0	36.0	62.0	16.4
[6] Germany	10.0	89.0	44.6	42.0	32.0	55.0	15.9
[7] UK	15.0	81.0	43.9	40.0	31.0	56.0	15.9
Total	10.0	89.0	43.5	41.0	31.0	55.0	16.0

Name: isei88
Label: ISEI-88: International Socio-Economic Index of occupational status
Unique values: 65
Missing values: 1,267,129
Range: [16; 90]
Mean: 44.81
SD: 16.69

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	16.0	80.0	49.2	49.0	38.0	55.0	15.2
[2] Korea	16.0	80.0	39.5	38.0	31.0	45.0	14.1
[3] USA	16.0	90.0	43.9	43.0	30.0	56.0	18.0
[4] Russia	16.0	90.0	44.6	42.0	30.0	56.0	17.1
[5] Switzerland	16.0	90.0	48.6	51.0	38.0	59.0	16.6
[6] Germany	16.0	90.0	44.5	43.0	31.0	55.0	16.4
[7] UK	16.0	85.0	45.4	43.0	32.0	61.0	16.8
Total	16.0	90.0	44.8	43.0	31.0	55.0	16.7

Name: isei88soep
Label: letzter erreichter ISEI-Wert (International Socio-Economic Index)
Unique values: 65
Missing values: 2,564,729
Range: [-8; 90]
Mean: 26.75
SD: 26.44

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-8.0	90.0	26.7	30.0	-2.0	50.0	26.4
[7] UK	.	.	.	.	.	.	.
Total	-8.0	90.0	26.7	30.0	-2.0	50.0	26.4

siops08

SIOPS: Treiman's international prestige scale
<number>

siops88

SIOPS-88: Treiman's international prestige scale
<number>

Treiman's Std. International Occupational Prestige Scale (SIOPS). Available for all employed persons. If not available in original dataset, the variable was created with the help of iscogen STATA ado (Jann, 2019) based on ISCO-08 and ISCO-88.

AUS

Constructed based on the 2-digit ISCO code (re-classified from the Australian occupational classification) with the help of iscogen STATA ado.

KOR

Constructed based on the 2-digit ISCO code (re-classified from the Korean occupational classification) with the help of iscogen STATA ado.

US

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

RUS

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

SWT

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

GER

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

siops88soep

Additionally, SOEP provides pgsiops88. In general, it classifies individuals the same way as iscogen ado algorithm, but it contains more information. As a general rule, for MV in ISCO, it forward-leads the information from previous known ISCO status, however, there are unexplained rules (sometimes it copies info from an older-wave ISCO; sometimes copies MV).

siops88soep=pgsiops88

CPF keep the SOEP variable and users can choose to work with it instead of the automatically generated CPF variable.

UK

Constructed based on the 3-digit ISCO code with the help of iscogen STATA ado.

Name: siops08
Label: SIOPS: Treiman's international prestige scale
Unique values: 277
Missing values: 1,241,507
Range: [12; 78.16]
Mean: 42.33
SD: 13.52

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	19.0	69.0	44.4	43.5	35.1	48.9	13.2
[2] Korea	19.0	69.0	38.9	37.0	32.8	43.5	11.5
[3] USA	13.0	78.2	40.7	41.1	30.1	51.0	14.1
[4] Russia	12.0	78.2	42.3	42.8	32.0	49.9	13.9
[5] Switzerland	13.0	78.2	46.6	46.0	38.5	55.0	12.8
[6] Germany	12.0	78.2	43.0	43.2	33.0	52.0	13.3
[7] UK	12.0	78.2	42.4	42.8	32.3	53.0	13.7
Total	12.0	78.2	42.3	42.8	32.3	50.9	13.5

Name: siops88
Label: SIOPS-88: Treiman's international prestige scale
Unique values: 65
Missing values: 1,267,129
Range: [6; 78]
Mean: 42.25
SD: 13.70

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	18.0	70.0	45.3	48.0	34.0	51.0	12.4
[2] Korea	18.0	70.0	37.7	37.0	32.0	38.0	11.2
[3] USA	13.0	78.0	41.1	40.0	30.0	53.0	15.0
[4] Russia	6.0	78.0	41.9	40.0	32.0	52.0	13.9
[5] Switzerland	6.0	78.0	46.1	47.0	37.0	53.0	12.8
[6] Germany	6.0	78.0	42.9	42.0	33.0	52.0	13.3
[7] UK	12.0	78.0	42.3	40.0	32.0	52.0	14.2
Total	6.0	78.0	42.3	40.0	32.0	51.0	13.7

Name: siops88soep
Label: letzter erreichter SIOPS-Wert (Std. Internat. Occupational Prestige Scale, Treim
Unique values: 66
Missing values: 2,564,729
Range: [-8; 78]
Mean: 25.82
SD: 24.67

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.

[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-8.0	78.0	25.8	32.0	-2.0	46.0	24.7
[7] UK	.	.	.	.	.	.	.
Total	-8.0	78.0	25.8	32.0	-2.0	46.0	24.7

mps88

MPS (German Magnitude Prestige Scale)
<number>

Occupational prestige score developed by Wegener (1988) for all employed persons. Wegener's prestige scala measures a person's occupational prestige and was developed especially for use in the Federal Republic of Germany (see more in SOEP documentation). If not available in original dataset, the variable was created with the help of iscogen STATA ado (Jann, 2019) based on ISCO-88.
From *Iscogen* information: see also a file bernhard2005.xlsx provided by Daniel Bela at:
https://github.com/dirtyhawk/stata-derivescores/tree/master/create_tables/proprietary/ISCO-88--MPS88

AUS

Generated with the help of iscogen STATA ado.

KOR

Generated with the help of iscogen STATA ado.

US

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

RUS

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

SWT

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

GER

Constructed based on the 4-digit ISCO code with the help of iscogen STATA ado.

mps92soep
Additionally, SOEP provides pgmps92.

mps92soep=pgmps92

CPF keep the SOEP variable and users can choose to work with it instead of the automatically generated CPF variable.

UK

Constructed based on the 3-digit ISCO code with the help of iscogen STATA ado.

Name: mps88
Label: MPS (German Magnitude Prestige Scale)
Unique values: 210
Missing values: 2,030,621
Range: [20; 186.8]
Mean: 78.94
SD: 38.06

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	20.0	186.8	78.1	67.4	48.7	93.9	40.1
[4] Russia	20.0	186.8	75.7	57.3	46.7	93.9	38.9
[5] Switzerland	20.0	186.8	87.5	78.6	56.1	113.8	36.0
[6] Germany	20.0	186.8	78.2	73.1	49.9	92.1	36.1
[7] UK	29.3	160.3	84.3	73.1	53.8	88.2	38.9
Total	20.0	186.8	78.9	73.1	49.9	93.9	38.1

Name: mps92soep
Label: letzter erreichter MPS-Wert (Magnitude-Prestige-Skale, Wegener)
Unique values: 189
Missing values: 2,564,927
Range: [-8; 216]
Mean: 37.89
SD: 38.71

	Min	Max	Mean	p50	p25	p75	SD
[1] Australia	.	.	.	.	.	.	.
[2] Korea	.	.	.	.	.	.	.
[3] USA	.	.	.	.	.	.	.
[4] Russia	.	.	.	.	.	.	.
[5] Switzerland	.	.	.	.	.	.	.
[6] Germany	-8.0	216.0	37.9	38.8	-2.0	60.6	38.7
[7] UK	.	.	.	.	.	.	.
Total	-8.0	216.0	37.9	38.8	-2.0	60.6	38.7

20. Parents education

Information on parents' education is coded in 3- and 4-categorical variables similarly to edu3 and edu4. For many surveys, the information is less precise than in the case of respondent's education (mostly not categorized into ISCED).

MV filled based on other waves.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
fedu3	1	1	1	1	1	1	1
fedu4	1	1	1	1	1	1	1
medu3	1	1	1	1	1	1	1
medu4	1	1	1	1	1	1	1

Australia

Based on:

fmfsch/ fmmsch - How much schooling father/ mother completed
- 1 [1] None
- 2 [2] Primary school only
- 3 [3] Some secondary school, but no more than Year 10
- 4 [4] Year 11 or equivalent (eg 5th form, Leaving Certificate)
- 5 [5] Year 12 or equivalent (eg 6th form, Matriculation)

fmfhlq /fmmsch- Which type of institution fathers / mother highest level qualification
- 1 [1] University
- 2 [2] Teachers College/College of Advanced Education
- 3 [3] Institute of Technology
- 4 [4] Technical college/TAFE/College of Technical and Further Education
- 5 [5] Employer
- 8 [8] Other

fedu3 / medu3
(1/3=1) (4 5=2)
3 if fmfhlq>0 & fmfhlq<5

fedu4 / medu4
fmfsch (1/2=1) (3=2) (4 5=3)
4 if fmfhlq>0 & fmfhlq<5

Korea

p_9051 / p_9053 – father's / mother's education level (school)
- (1) no schooling
- (2) elementary school
- (3) middle school
- (4) high school

(5) community college
(6) college/ university
(7) graduate degree

fedu3 / medu3
(1 2=1)(3 4=2) (5/7=3)

fedu4 / medu4
(1 2=1)(3=2) (4=3) (5/7=4)

US

1) Completed 0-5 grades
2) Completed 6-8 grades; "grade school"; DK but mentions could read and write
3) Completed 9-11 grades (some high school); junior high
4) Completed 12 grades (completed high school); "high school"
5) Completed 12 grades plus nonacademic training; R.N. (no further elaboration)
6) Completed 13-14 years; Some college, no degree; Associate's degree
7) Completed 15-16 years; College BA and no advanced degree mentioned; normal school; R.N. with 3 years college; "college"
8) Completed 17 or more years; College, advanced or professional degree, some graduate work; close to receiving degree

fedu3 / medu3
(1/3=1)(4/6=2)(7/8=3)

fedu4 / medu4
(1/2=1)(3=2)(4/6=3)(7/8=4)

Russia

J217A/J217B – Father`s mother's education
1) without education, illiterate
2) elementary school education [3-4 grades]
3) incomplete secondary school education [7-9 grades]
4) professional courses
5) vocational training school without secondary education
6) vocational training school with secondary education, technical trade school
7) secondary school education [10-11 grades]
8) technical community college, medical, music, pedagogical, art training and other schools
9) institute, university, academy
10) post-graduate course, residency
11) academic degree of candidate of science or of doctor of science
12) elementary or incomplete secondary school

fedu3 / medu3
(1/5 12=1) (6/7=2) (8/11=3)

fedu4 / medu4
(1/3 12=1)(4/5=2)(6/7=3)(8/11=4)

Switzerland

p__o17 / p__o34
0 incomplete compulsory school
1 only completed compulsory school
2 elementary vocational training (firm + school)
3 apprenticeship (CFC/EFZ level)
4 2 to 3 years: full-time vocational school
5 vocational maturity
6 2 to 3 years: general training school
7 bachelor/maturity (high school)
8 1 year: school of commerce/au pair/residential language course
12 Vocational high school with master certificate, federal certificate
13 technical or vocational school
14 vocational high school ETS, HTL etc.
15 University, academic high school, EPF, ETH (bachelor, master, doctorate, post-graduate degree)
16 university of teacher education HEP, PH
17 university of applied sciences HES, FH
18 teacher training school

fedu3 / medu3
(0/1=1)(2/4 5 6/8 18=2)(12/17 =3)

fedu4 / medu4
(0=1)(1=2)(2/4 5 6/8 18=3)(12/17 =4)

Germany

fsedu / msedu - Level Of Education Father / Mother

0	[0] Do Not Know [0] Weiss nicht	
1	[1] Secondary General School	
2	[2] Intermediate School	[2] Realschule
3	[3] Technical high school	[3] Fachoberschule
4	[4] Upper Secondary Degree	[4] Abitur
5	[5] Other degree [5] sonstiger Abschluss	
6	[6] No School Degree	[6] Kein Abschluss
7	[7] No School Attended	[7] Keine Schule besucht
8	[8] Mig: Compulsory Schooling (Abroad)	[8] Mig: Pflichtschule (Ausl.)
9	[9] Mig: Secondary School (Abroad)	

fprofedu / mprofedu - Vocational Training Father / Mother

0	[0] Do Not Know [0] Weiss nicht	
10	[10] No Vocational Degree	[10] Keine abg.Ausbildung
20	[20] Vocational Degree	[20] beruflicheAusbildung
21	[21] Trained in Foreign Company	[21] Angel.i.ausl.Betrieb
22	[22] Trained long Time in Foreign Company	[22] Laeng.Ausb.i.ausl.B.
23	[23] Foreign Vocational School	[23] Berufsbild.ausl.Sch.
24	[24] Trade,Farming Apprentice	[24] Gewerbl.o.Lw.Lehre
25	[25] Business Apprentice	[25] Kaufm.L.,Bfs,Handels

26 [26] Health Care School [26] Schule Gesundheitsw.
27 [27] Special Technical School [27] FS,Techn.-o.Meisters
28 [28] Civil Service Training [28] Beamtenausbildung
30 [30] Tech Engineer School [30] FHS,Ingeniuerschule
31 [31] Foreign Collage [31] Ausl. Hochschule
32 [32] College, University [32] Hochsch.,Universit.
40 [40] Other Training [40] Sonstige Ausbildung
50 [50] Currently in Vocational Training [50] z.Zt. berufliche Ausbildung
51 [51] Currently in Schooling [51] z.Zt. schulische Ausbildung

fedu3 / medu3
fsedu / msedu (1/2 6/8=1)(3 9=2)(4 5=2)
fprofedu / mprofedu (26/27 30/32=3) (20 28=2) (20 23 50 51=1) – used to replace the first recoding if MV or indicates a higher level of education

fedu4 / medu4
fsedu / msedu (6/8=1)(1/2=2) (3 9=3)(4 5=3)
fprofedu / mprofedu (26/27 30/32=4) (20 28=3) (50 51=1) (20 23=2) – used to replace the first recoding if MV or indicates a higher level of education

UK

paedqf/maedqf - Father's / mother's educational qualifications
1) did not go to school at all
2) left school with no qualifications or certificates
3) left school with some qualifications or certificates
4) gained further qualifications or certificates after leaving school
5) gained a university degree or higher degree

fedu3 / medu3
(1 2 3=1)(4=2)(5=3)

fedu4 / medu4
(1 2=1)(3=2)(4=3)(5=4)

fedu3

Father's education: 3 levels

(1): [0-2] Low
(2): [3-4] Medium
(3): [5-8] High

Name: fedu3
Label: Father's education: 3 levels
Unique values: 8
Missing values: 626,417
Range: [-8; 3]
Mean: 1.08
SD: 1.71

Value	Label	Freq.	Percent
-8		31,805	1.0
-3		135,077	4.4
-2		30,457	1.0
-1		219,526	7.2
1	[0-2] Low	1218755	40.1
2	[3-4] Medium	793,601	26.1
3	[5-8] High	400,275	13.2
.		209,552	6.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	31,805	0
-3	599	0	14,608	0	11,306	15,306	93,258
-2	27,891	0	0	0	2,367	0	199
-1	7,171	13,735	24,573	22,245	12,873	72,551	66,378
1	126,192	170,586	232,353	76,267	28,859	260,504	323,994
2	33,077	116,328	151,591	40,228	76,978	248,511	126,888
3	89,365	32,472	47,431	52,036	33,784	98,278	46,909
.	6,321	578	1,498	125,721	4,101	8,958	62,375
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

fedu4

Father's education: 4 levels

(1): [0-1] Primary

(2): [2] Secondary lower

(3): [3-4] Secondary upper

(4): [5-8] Tertiary

Name: fedu4
Label: Father's education: 4 levels
Unique values: 9
Missing values: 626,417
Range: [-8; 4]
Mean: 1.67
SD: 2.04

Value	Label	Freq.	Percent
-8		31,805	1.0
-3		135,077	4.4
-2		30,457	1.0
-1		219,526	7.2
1	[0-1] Primary	695,323	22.9
2	[2] Secondary lower	571,680	18.8
3	[3-4] Secondary upper	745,353	24.5
4	[5-8] Tertiary	400,275	13.2
.		209,552	6.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	31,805	0
-3	599	0	14,608	0	11,306	15,306	93,258
-2	27,891	0	0	0	2,367	0	199
-1	7,171	13,735	24,573	22,245	12,873	72,551	66,378
1	44,822	170,586	185,434	49,195	3,426	15,816	226,044
2	81,370	48,248	46,919	27,072	25,433	244,688	97,950
3	33,077	68,080	151,591	40,228	76,978	248,511	126,888
4	89,365	32,472	47,431	52,036	33,784	98,278	46,909
.	6,321	578	1,498	125,721	4,101	8,958	62,375
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

medu3

Mother's education: 3 levels

(1): [0-2] Low

(2): [3-4] Medium

(3): [5-8] High

Name: medu3
Label: Mother's education: 3 levels
Unique values: 8
Missing values: 608,575
Range: [-8; 3]
Mean: 0.99
SD: 1.66

Value	Label	Freq.	Percent
-8		35,448	1.2
-3		135,700	4.5
-2		24,804	0.8
-1		165,966	5.5
1	[0-2] Low	1451959	47.8
2	[3-4] Medium	704,287	23.2
3	[5-8] High	274,227	9.0
.		246,657	8.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	35,448	0
-3	599	0	15,025	0	11,306	15,512	93,258
-2	23,120	0	0	0	1,511	0	173
-1	7,171	4,124	21,633	7,650	10,291	66,753	48,344
1	134,355	202,406	198,057	71,352	59,847	384,243	401,699
2	47,763	82,684	195,409	42,102	73,852	179,294	83,183
3	71,287	10,428	36,806	69,672	9,360	45,705	30,969
.	6,321	34,057	5,124	125,721	4,101	8,958	62,375
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

medu4

Mother's education: 4 levels

(1): [0-1] Primary

(2): [2] Secondary lower

(3): [3-4] Secondary upper

(4): [5-8] Tertiary

Name: medu4
Label: Mother's education: 4 levels
Unique values: 9
Missing values: 608,575
Range: [-8; 4]
Mean: 1.48
SD: 1.92

Value	Label	Freq.	Percent
-8		35,448	1.2
-3		135,700	4.5
-2		24,804	0.8
-1		165,966	5.5
1	[0-1] Primary	794,324	26.1
2	[2] Secondary lower	890,539	29.3
3	[3-4] Secondary upper	508,189	16.7
4	[5-8] Tertiary	237,421	7.8
.		246,657	8.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	0	0	0	35,448	0
-3	599	0	15,025	0	11,306	15,512	93,258
-2	23,120	0	0	0	1,511	0	173
-1	7,171	4,124	21,633	7,650	10,291	66,753	48,344
1	42,241	202,406	198,057	57,300	4,733	25,528	264,059
2	92,114	37,495	195,409	14,052	55,114	358,715	137,640
3	47,763	45,189	36,806	42,102	73,852	179,294	83,183
4	71,287	10,428	0	69,672	9,360	45,705	30,969
.	6,321	34,057	5,124	125,721	4,101	8,958	62,375
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

21. Ethnicity

Only two countries specifically refer to ethnicity: the UK and the US. Because of the complexity with regards to US hispanic ethnic groups, two variables are created. The first, *ethn* includes all categorisations used in both datasets. Because categories do not match perfectly, one category is included containing all the mixed race responses for the UK and a category is included for 'American Indian' in the US. Hispanics in the US are included in the rest category because this category may not uniquely identify individuals. However, a binary variable *ethn_hisp* is available to identify these persons. With the aid of the second variable, *ethn2,* this group can be separated if this is relevant for the researcher.

Note that for the US, the first mentioned ethnicity is used for harmonization. In the original dataset, there are also second and third mention ethnicity variables available.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
ethn	.	.	1	.	.	.	1
ethn_hisp	.	.	1	.	.	.	.

ethn

Ethnicity

(1): Black
(2): White
(3): Asian
(4): Mixed (UK only)
(5): American Indian (US only)
(6): Other

Self-reported ethnicity/race

UK

Racel_dv – "To which of these ethnic groups do you consider you belong"

[1] British/English/Scottisch/Welsh/Northern Irish (white)
[2] Irish (white)
[3] Gypsy or Irish Traveller (white)
[4] Any other white background (white)
[5] White and black Caribbean (mixed)
[6] White and black African (mixed)
[7] White and Asian (mixed)
[8] Any other mixed background (mixed)
[9] Indian (Asian or Asian British)
[10] Pakistani (Asian or Asian British)
[11] Bangladeshi (Asian or Asian British)
[12] Chinese (Asian or Asian British)
[13] Any other Asian background (Asian or Asian British)
[14] Caribbean (Black or Black British)

[15] African (Black or Black British)
[16] Any other Black background (Black or Black British)
[17] Arab (other ethnic group)
[97] Any other ethnic group (other ethnic group)

US

*Race (first mention) - "*Are you white, black, American Indian, Aleut, Eskimo, Asian, Pacific Islander, or another race?"

[1] White
[2] Black
[3] American Indian, Aleut, Eskimo
[4] Asian, Pacific Islander
[5] Mentions Latino origin or descent
[6] Mentions color other than black or white
[7] Other

Name: ethn
Label: Ethnicity
Unique values: 10
Missing values: 1,871,781
Range: [-3; 6]
Mean: 1.95
SD: 0.80

Value	Label	Freq.	Percent
-3	Does not apply	1,441	0.0
-2	Item non-response	37	0.0
-1	MV general	15,547	0.5
1	Black	163,286	5.4
2	White	916,197	30.1
3	Asian	56,123	1.8
4	Mixed (UK only)	8,905	0.3
5	American Indian (US only)	4,926	0.2
6	Other	17,830	0.6
.		1,854,756	61.0
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-3	0	0	0	0	0	0	1,441
-2	0	0	0	0	0	0	37
-1	0	0	2,845	0	0	0	12,702
1	0	0	141,515	0	0	0	21,771
2	0	0	298,510	0	0	0	617,687
3	0	0	3,278	0	0	0	52,845
4	0	0	0	0	0	0	8,905
5	0	0	4,926	0	0	0	0
6	0	0	13,221	0	0	0	4,609
.	290,616	333,699	7,759	316,497	170,268	735,913	4
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

ethn_hisp

Hispanicity (US only)
(0): Not Hispanic
(1): Hispanic

In addition to ethnicity, PSID also includes an item about Hispanicity. Because Hispanicity and ethnicity contain overlapping categories (for instance individuals can identify as Hispanic-Black or as Hispanic-White), a dummy variable is included for Hispanicity which can be used to further specify ethnicity for US individuals.

Note that heads of house for the Latino subsample are coded as Hispanic by default, as they are selected based on their Cuban, Mexican or Puerto Rican descent.

US

G31 – "(…) Are you of Spanish or Hispanic descent, that is, Mexican, Mexican American, Chicano, Puerto Rican, Cuban, or other Spanish?"

[1] Mexican
[2] Mexican-American
[3] Chicano
[4] Puerto Rican
[5] Cuban
[7] Other Spanish; Hispanic; Latino
[0] Inap.: not Spanish, Hispanic or Latino

Name: ethn_hisp
Label: Hispanicity (US only)
Unique values: 4
Missing values: 2,604,970
Range: [-1; 1]
Mean: 0.08
SD: 0.31

Value	Label	Freq.	Percent
-1	MV general	4,391	0.1
0	Not Hispanic	393,502	12.9
1	Hispanic	40,576	1.3
.		2,600,579	85.6
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-1	0	0	4,391	0	0	0	0
0	0	0	393,502	0	0	0	0
1	0	0	40,576	0	0	0	0
.	290,616	333,699	33,585	316,497	170,268	735,913	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

22. Migration: Country of Birth and Family Migration Background

The country of birth for respondent (*cob_r),* father (*cob_f)* and mother *(cob_m)* is harmonized at the level of global regions. For this we have used the SACC classification, which is also used in the Australian dataset and which is deemed comprehensible and sufficiently detailed.

Note that for KLIPS and RLMS only limited information is recorded. In Korea, a distinction is made only between Korean-born and foreign-born respondents. In the Russian data, detailed information is only recorded for those born either in Russia or in former USSR territories. This results in a relatively large number of observations in the 'other' category. For Germany, father's (*cob_f)* and mother's *(cob_m)* country of birth are not included in the final dataset because of a relatively large number of missing values. However, the code is included in the syntaxes as comments, and as such can be easily activated – for some purposes the data can be useful.

A further set of variables is reflects the migration background of the respondent (*migr*) and their parents (*migr_f, migr_m*). These binary variables distinguish between native-born and foreign-born individuals. The variables are partially based on the country-of-birth variable, but in some cases more complete data is provided by specific items. For PSID, no detailed information on the parents' country of birth is available but the binary variable indicating whether or not parents are US-born is available.

The migrant generation (*migr_gen*) of the respondent is derived From **`migr`** , **`migr_f`**, and **`migr_m`** (0=native-born, 1=foreign-born). *Migr_gen* is therefore only provided for datasets where all three variables are available. For Germany, *migr_gen* is not included in the final dataset because of a relatively large number of missing values, but the code is included in the syntaxes as comments.

Additionally, the CPF syntaxes include a code for a variable on the language spoken as a child for all countries except for Germany and Korea. This variable is binary and classifies whether respondent grew up speaking (one of) the languages of the country of residence or whether they spoke a foreign language. In some countries, this question is not asked (consistently) of all respondents (see notes by country). However, due to a large number of missing values the code is not active (it is put as comments).

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
cob	1	1	1	1	1	1	1
migr	1	1	1	1	1	1	1
cob_f	1	.	.	.	1	.	1
cob_m	1	.	.	.	1	.	1
grewup_US	.	.	1	.	.	.	.
migr_f	1	.	1	.	1	.	1
migr_m	1	.	1	.	1	.	1
migr_gen	1	.	1	.	1	.	1

cob

Country of birth (global region)
- (0): Born in Survey-Country
- (1): Oceania and Antarctica
- (2): North-West Europe
- (3): Southern and Eastern Europe
- (4): North Africa and the Middle East
- (5): South-East Asia
- (6): North-East Asia
- (7): Southern and Central Asia
- (8): Americas
- (9): Sub-Saharan Africa
- (10): Other

Specifies country of birth of the respondent at the level of global regions following the Standard Australian Classification of Countries (SACC).

Australia

_ancob – "In which country were you born?"

[1000] – [9999]	Detailed country coding (Standard Australian Classification of Countries, SACC)
[900] – [999]	Former countries and other Geographic Entities

Plus additionally:
ancitiz – history: Australian Citizenship

[1]	Born in Australia
[2]	Foreign-born Australian citizen
[3]	Foreign-born permanent resident

Korea

p_9001 – "Where were you born?"

[1]-[16]	City or Province in South Korea
[17]	North Korea
[18]	Foreign Country

p_9002/p_9005 – "Where did you grow up, mostly around the age of 14 (middle school)? (In foreign country: Please tell us the name of country)"

US

Based on:

ES1. Let's start with you (HEAD). "Where were you born?"
ES9. "Where was your (Wife/"WIFE") born?" --COUNTY OR FOREIGN COUNTRY

[105] – [990]	Actual US territory or foreign country
[999]	DK/NA/Refusal

[0] Inap. (includes US-born)

L33: "Where (were/was) (you/HEAD) born? (What State is that in?)"
[1] – [56] Actual State (FIPS code)
[99] DK/NA/Refusal
[0] Inap: US territory or foreign country

Russia

I1 – "Tell me, please: Were you born in the place of your current residence or elsewhere?"

I2 – "Which Republic of the Former USSR were you born in?"

[1] Russia
[2] – [15] Former USSR countries
[16] Other foreign country

Note: RLMS only provides limited specificity by region!

Switzerland

nat_1_ – "What is your nationality" (first mention)

[8100] Switzerland
[8201] – [8621] Foreign Countries
[8998] No nationality
[8999] Nationality unknown or not reported

p__d160 – "Where you born in Switzerland?"

[1] yes
[2] no

NOTE: multiple nationalities possible, but only first mention is used. Item d160 ("birth in Switzerland") is therefore used to ensure that those who are born in Switzerland can be clearly identified.

Germany

Derived from corigin – "What country is your birthplace located in today?"
[1] – [196] Detailed country coding
[222] Eastern Europe
[999] Ethnic minorities

Note: there is also a variable germborn, but this considers individuals who immigrated to germany before 1950 as native.

UK

Plbornc: In which country were you born?
[1] – [29] Detailed country coding
[97] Other country

Note: item only asked if respondent **not** born in uk, for respondents born in the UK the items *bornuk_dv and ukborn are* used

Bornuk_dv (derived) Born in UK
[1] born in UK
[2] Not born in UK

ukborn – "Were you born in the UK, that is in England, Scotland, Wales or Northern Ireland?"
[1] Yes, England
[2] Yes, Scotland
[3] Yes, Wales
[4] Yes, Northern Ireland
[5] No, not born in the UK

Name: cob
Label: Country of birth (global region)
Unique values: 17
Missing values: 228,207
Range: [-8; 10]
Mean: 0.14
SD: 3.05

Value	Label	Freq.	Percent
-8	Question not asked in survey	207,911	6.8
-3	Does not apply	1,671	0.1
-2	Item non-response	179	0.0
-1	MV general	15,639	0.5
0	Born in Survey-Country	2,419,262	79.6
1	Oceania and Antarctica	10,134	0.3
2	North-West Europe	43,005	1.4
3	Southern and Eastern Europe	105,184	3.5
4	North Africa and the Middle East	46,124	1.5
5	South-East Asia	9,260	0.3
6	North-East Asia	7,899	0.3
7	Southern and Central Asia	61,239	2.0
8	Americas	18,086	0.6
9	Sub-Saharan Africa	16,242	0.5
10	Other	71,027	2.3
.		2,807	0.1
.a	[.a] missing: grewup_US available	3,379	0.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	207,911	0	0	0	0
-3	0	0	0	0	0	0	1,671
-2	0	0	0	179	0	0	0
-1	14	58	1,034	2	0	0	14,545
0	226,118	327,362	223,341	289,065	144,199	593,183	615,994
1	8,353	0	58	0	30	132	1,561
2	23,492	6	312	0	4,570	4,351	10,274
3	8,026	4	429	10,752	8,593	73,070	4,310
4	2,550	0	187	0	428	42,201	758
5	7,070	282	785	0	103	1,020	0

6	3,849	1,462	389	0	81	480	1,638
7	4,538	16	389	14,000	283	13,644	28,369
8	3,497	4	5,705	0	728	2,652	5,500
9	3,043	0	156	0	272	3,571	9,200
10	66	3,585	27,736	875	10,979	1,609	26,177
.	0	920	243	1,624	2	0	4
.a	0	0	3,379	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

migr

Migration background: foreign-born yes/no

(0): Native-born

(1): Foreign-born

Indicates whether person is native-born to the country of the survey. This variable is derived from the same items that were also used for country of birth (see above), except they are coded as a binary variable reflecting whether the respondent is native-born or foreign-born.

Name: migr
Label: Migration background: foreign-born yes/no
Unique values: 7
Missing values: 231,586
Range: [-8; 1]
Mean: -0.43
SD: 2.08

Value	Label	Freq.	Percent
-8	Question not asked in survey	207,911	6.8
-3	Does not apply	1,671	0.1
-2	Item non-response	181	0.0
-1	MV General	15,639	0.5
0	Native-born	2,419,262	79.6
1	Foreign-born	388,200	12.8
.		2,807	0.1
.a	[.a] missing: grewup_US available	3,379	0.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	207,911	0	0	0	0
-3	0	0	0	0	0	0	1,671
-2	0	0	0	179	2	0	0
-1	14	58	1,034	2	0	0	14,545
0	226,118	327,362	223,341	289,065	144,199	593,183	615,994
1	64,484	5,359	36,146	25,627	26,067	142,730	87,787
.	0	920	243	1,624	0	0	4
.a	0	0	3,379	0	0	0	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

grewup_US

Grew up in US y/n (US only)

(0): Grew up in US State
(1): Grew up outside US

This variable is added as a potential proxy for some missing values for country of birth. It specifies whether respondents grew up in geographical region within the US or in a foreign country.

(1/5=0) (6=1)

Name: grewup_US
Label: Grew up in US y/n (US only)
Unique values: 4
Missing values: 2,591,071
Range: [-1; 1]
Mean: 0.04
SD: 0.27

Value	Label	Freq.	Percent
-1	MV general (DK/NA)	7,726	0.3
0	Grew up in US State	421,861	13.9
1	Grew up outside US	26,116	0.9
.		2583345	85.0
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-1	0	0	7,726	0	0	0	0
0	0	0	421,861	0	0	0	0
1	0	0	26,116	0	0	0	0
.	290,616	333,699	16,351	316,497	170,268	735,913	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

cob_f

Father's country of birth (global region)
(0): Born in Survey-Country
(1): Oceania and Antarctica
(2): North-West Europe
(3): Southern and Eastern Europe
(4): North Africa and the Middle East
(5): South-East Asia
(6): North-East Asia
(7): Southern and Central Asia
(8): Americas
(9): Sub-Saharan Africa
(10): Other
Indicates respondents' father's country of birth by region (using SACC classification)

cob_m

Mother's country of birth (global region)

(0): Born in Survey-Country
(1): Oceania and Antarctica
(2): North-West Europe
(3): Southern and Eastern Europe
(4): North Africa and the Middle East
(5): South-East Asia
(6): North-East Asia
(7): Southern and Central Asia
(8): Americas
(9): Sub-Saharan Africa
(10): Other

Indicates respondents' mother's country of birth by region (using SACC classification)

Australia

_fmfcob – "In which country was your father born?"
_fmmcob – "And your mother? In which country was she born?"

[1000] – [9999] Detailed country coding (Standard Australian Classification of Countries, SACC)
[900] – [999] Former countries and other Geographic Entities

Korea

Not available

US

Not available

Russia

Not available

Switzerland

p__o20 – "At birth, what was your father's nationality?"
p__o37 – "At birth, what was your mother's nationality?

[8100] Switzerland
[8201] – [8621] Foreign Countries
[8998] No nationality
[8999] Nationality unknown or not reported

Note that [8998] no nationality is recoded as 'other'

Germany [not activated]

forigin – "Was your father / mother born in Germany?"
[1] – [196] Detailed country coding
[222] Eastern Europe

Note that [98] stateless is recoded as 'other'

From 2006-2018 an additional variable is available which can be used to fill some gaps

lb0084_h (father) */ lb0085_h* (mother) – *"Was your father/mother born in Germany?"*
[1] Yes
[2] No

UK

pacob – "In which country was your father born?"
macob – "In which country was your mother born?"
[1] England
[2] Scotland
[3] Wales
[4] Northern Ireland
[5] – [97] Other foreign country

Name: cob_f
Label: Father's country of birth (global region)
Unique values: 14
Missing values: 1,997,877
Range: [-2; 10]
Mean: 1.43
SD: 3.24

Value	Label	Freq.	Percent
-2	Item non-response	103	0.0
-1	MV general	84,893	2.8
0	Born in Survey-Country	789,585	26.0
1	Oceania and Antarctica	5,205	0.2
2	North-West Europe	40,432	1.3
3	Southern and Eastern Europe	31,073	1.0
4	North Africa and the Middle East	4,013	0.1
5	South-East Asia	3,777	0.1
6	North-East Asia	4,502	0.1
7	Southern and Central Asia	46,490	1.5
8	Americas	12,313	0.4
9	Sub-Saharan Africa	10,754	0.4
10	Other	93,027	3.1
.		1912881	62.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-2	0	0	0	0	0	0	103

-1	0	0	0	0	0	0	84,893
0	183,484	0	0	0	119,312	0	486,789
1	4,297	0	0	0	26	0	882
2	14,332	0	0	0	10,627	0	15,473
3	6,438	0	0	0	19,138	0	5,497
4	1,827	0	0	0	1,378	0	808
5	3,453	0	0	0	324	0	0
6	2,366	0	0	0	145	0	1,991
7	2,994	0	0	0	527	0	42,969
8	1,946	0	0	0	1,228	0	9,139
9	1,321	0	0	0	438	0	8,995
10	65,107	0	0	0	0	0	27,920
.	3,051	333,699	472,054	316,497	17,125	735,913	34,542
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

Name: cob_m
Label: Mother's country of birth (global region)
Unique values: 14
Missing values: 1,993,046
Range: [-2; 10]
Mean: 1.36
SD: 3.17

Value	Label	Freq.	Percent
-2	Item non-response	95	0.0
-1	MV general	83,931	2.8
0	Born in Survey-Country	800,426	26.3
1	Oceania and Antarctica	5,558	0.2
2	North-West Europe	42,430	1.4
3	Southern and Eastern Europe	30,264	1.0
4	North Africa and the Middle East	3,727	0.1
5	South-East Asia	4,160	0.1
6	North-East Asia	4,410	0.1
7	Southern and Central Asia	45,181	1.5
8	Americas	11,027	0.4
9	Sub-Saharan Africa	10,106	0.3
10	Other	88,713	2.9
.		1909020	62.8
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-2	0	0	0	0	0	0	95
-1	0	0	0	0	0	0	83,931
0	192,381	0	0	0	115,967	0	492,078
1	4,307	0	0	0	24	0	1,227
2	12,643	0	0	0	13,345	0	16,442
3	5,158	0	0	0	20,169	0	4,937
4	1,755	0	0	0	1,213	0	759
5	3,848	0	0	0	312	0	0
6	2,269	0	0	0	172	0	1,969
7	2,845	0	0	0	406	0	41,930
8	1,872	0	0	0	1,441	0	7,714
9	1,381	0	0	0	464	0	8,261

10	60,886	0	0	0	16	0	27,811
.	1,271	333,699	472,054	316,497	16,739	735,913	32,847
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

migr_f

Father's migration background

(0): Native-born

(1): Foreign-born

Indicates whether the respondent's father is native-born to the country of the survey. Derived from the same items as `cob_f` (see above), except for US:

migr_m

Mother's migration background

(0): Native-born

(1): Foreign-born

Indicates whether the respondent's mother is native-born to the country of the survey. Derived from the same items as `cob_m` (see above), except for US:

US

L2/75 - "State father born"

L12/85 - "State mother born"

[1]-[56] Actual state

Name: migr_f
Label: Father's migration background
Unique values: 6
Missing values: 1,731,154
Range: [-8; 1]
Mean: -0.72
SD: 2.51

Value	Label	Freq.	Percent
-8	Question not asked in survey	164,414	5.4
-2	Item non-response	103	0.0
-1	MV General	125,810	4.1
0	Native-born	1024422	33.7
1	Foreign-born	283,472	9.3
.		1440827	47.4

Total:	3,039,048

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	164,414	0	0	0	0
-2	0	0	0	0	0	0	103
-1	0	0	40,917	0	0	0	84,893
0	183,484	0	234,837	0	119,312	0	486,789
1	104,081	0	31,886	0	33,831	0	113,674
.	3,051	333,699	0	316,497	17,125	735,913	34,542
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

Name: migr_m
Label: Mother's migration background
Unique values: 6
Missing values: 1,714,799
Range: [-8; 1]
Mean: -0.72
SD: 2.51

Value	Label	Freq.	Percent
-8	Question not asked in survey	164,414	5.4
-2	Item non-response	95	0.0
-1	MV General	113,324	3.7
0	Native-born	1048461	34.5
1	Foreign-born	275,788	9.1
.		1436966	47.3
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	0	164,414	0	0	0	0
-2	0	0	0	0	0	0	95
-1	0	0	29,393	0	0	0	83,931
0	192,381	0	248,035	0	115,967	0	492,078
1	96,964	0	30,212	0	37,562	0	111,050
.	1,271	333,699	0	316,497	16,739	735,913	32,847
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

migr_gen (derived)

Migrant generation

(0): No migration background
(1): 1st generation
(2): 2nd generation
(3): 2.5th generation

(4): Incomplete information parents

Derived variable reflecting the respondent's migrant generation. Based on `migr`, `migr_f` and `migr_m`.

Categories are based on the following rules. A separate category is created for individuals where information on parental migration background is missing or incomplete.

Respondent	*Father*	*Mother*	*Description*
(0) "No migration background"			
0	0	0	Respondents and both parents native-born
0	0	.	Respondent and one parent native-born + other parent unknown
0	.	0	
1	0	0	Respondent foreign-born but both parents native-born
(1) "1st generation"			
1	1	1	Respondent and both parents foreign-born
1	1	.	Respondent and on parent foreign-born + other parent unknown
1	.	1	
1	1	0	Respondent and one parent foreign-born + other parent native-born
1	0	1	
(2) "2nd generation"			
0	1	1	Respondent native-born, both parent foreign-born
0	1	.	Respondent native born, one parent foreign-born + other parent unknown
0	.	1	
(3) "2.5th generation"			
0	1	0	Respondent native born, one parent foreign-born + other parent native-born
0	0	1	
(4) "Incomplete information parents"			
0	.	.	Native born, info parents missing
1	.	.	Foreign-born, info parents missing
1	0	.	Respondent foreign-born but one parent native-born + other parent unknown (not enough information to determine migration background sufficiently)
1	.	0	

Note that the 2.5th generation here applies to respondents who are native-born but who have one parent who is foreign-born. Also note that respondents who are foreign born, but whose parents are both native-born are classified as non-migrants (see table above).

Name: migr_gen
Label: Migrant generation
Unique values: 6
Missing values: 1,615,036
Range: [0; 4]
Mean: 0.85
SD: 1.40

Value	Label	Freq.	Percent

0	No migration background	940,625	31.0
1	1st generation	173,924	5.7
2	2st generation	59,909	2.0
3	2.5th generation	88,207	2.9
4	Incomplete information parents	161,347	5.3
.		1615036	53.1
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
0	169,845	0	196,613	0	109,914	0	464,253
1	63,349	0	15,135	0	22,060	0	73,380
2	20,720	0	6,190	0	7,444	0	25,555
3	35,744	0	7,451	0	14,710	0	30,302
4	944	0	34,098	0	16,138	0	110,167
.	14	333,699	212,567	316,497	2	735,913	16,344
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

23. Religion

Religious affiliations are not deemed to be sufficiently comparable for harmonization. However, based on whether respondents identify as belonging to any particular religion, it is possible to harmonize religiosity as a binary variable (*relig*)

Additionally, in all countries except Korea, data is available with regards to the frequency of attendance at religious services (*relig_att*).

No data is available regarding attendance at religious services for Korea but there is an item available regarding religious participation (*relig_KOR*). This item is also coded using 4 categories and may be relevant to use as a proxy for attendance (note: it should be reverse-coded for this!). It is only available for Korea.

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
relig	1	1	1	1	1	1	1
relig_att	1	.	1	1	1	1	1
relig_KOR	.	1	.	.	.	.	.

relig

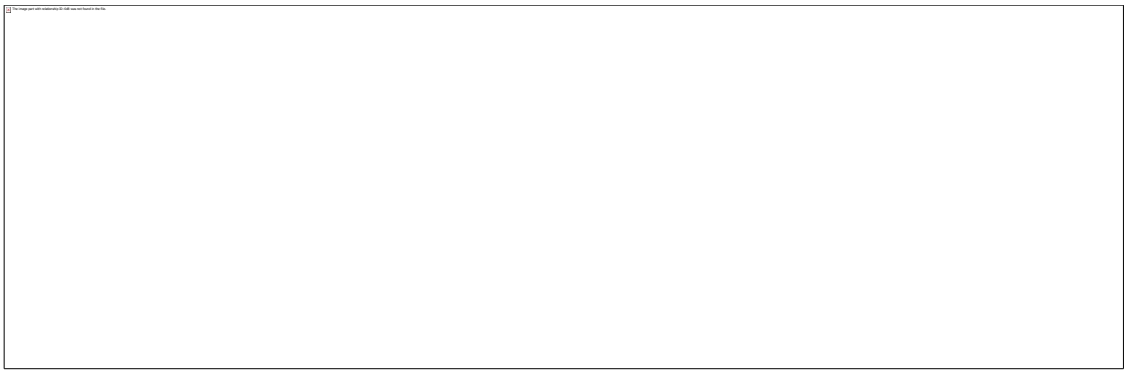
Religiosity

(0) Not religious/Atheist/Agnostic
(1) Religious

Specifies whether respondent is religious or not based on whether or not they identify as belonging to any religious affiliation.

In most cases, this item is part of a rotating module and is therefore not available for all survey years. For years where the item is not part of the survey responses are specified as [-8] (question not asked in survey). For availability by year and country see table below. For comparative research it may be necessary to fill data across waves.

Religiosity - availability by year and country (1=available)



Australia

religb – "Which of the following best describes your religion"

[7000] – [7999]	No religion
[1000] – [6000]	Various religious affiliations
[8000] – [9000]	Various religious affiliations

Korea

p_9031 – "What is your religion?"

(1=0) (2/10=1) (-1=-1) (.=-2)

US

NOTE: The CPF code does not automatically fill missing values across waves. However, PSID brings forward information from previous waves in the PSID data up until 1985.

L22/23 – "Is your religious preference Protestant, Catholic, or Jewish, or what? What denomination is that?"

1976
(0=0) (1/9=1)

1970-1975 & 1977-1984
(1/9=1)
(0=0) (1/35=1) (97=1) (98/99=-1)

L68 – "What is your religious preference?"

1985-2019
(0=0) (1/35=1) (97=1) (98/99=-1)

Russia

J72_19 – "Of what religion do you consider yourself?"

(99999996 13 21 23 37 38 48 51 59 71 88=0)
(99999997 99999998=-1)
(99999999=-2)
all other valid answers = 1

NOTE: the question is open-ended and thus new possible answers may appear for every wave.

Switzerland

p_r01 – "Currently, what is your confession or religion?

(8=0) (1/7=1) (9/12=1) (-3=-3) (-2=-2) (-1=-1)

Germany

plh0258_h – "Do you belong to a church, religious community or faith?"

(1/5=1) (6=0) (7/11=1) (-8 -5=-8)

UK

oprlg – "Do you regard yourself as belonging to any particular religion?"
oprlg1 – "[If yes:] Which religion do you regard yourself as belonging to?"

Name: relig
Label: Religiosity
Unique values: 7
Missing values: 1,708,233
Range: [-8; 1]
Mean: -3.84
SD: 4.29

Value	Label	Freq.	Percent
-8	Question not asked in survey	1,528,489	50.3
-3	Does not apply	1	0.0
-2	Item non-response	117,571	3.9
-1	MV general	20,303	0.7
0	Not religious/Atheist/Agnostic	355,189	11.7
1	Religious	975,626	32.1
.		41,869	1.4
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	220,515	0	64,384	113,742	74,300	558,876	496,672
-3	0	0	0	0	1	0	0
-2	0	107,299	0	431	179	9,453	209
-1	7,738	34	9,093	2,210	109	906	213
0	21,600	125,415	27,906	18,886	13,706	50,861	96,815
1	40,763	100,951	328,805	181,228	81,973	115,815	126,091
.	0	0	41,866	0	0	2	1
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

relig_att

Frequency of attendance religious services

(1) Never or practically never
(2) Less than once a month
(3) At least once a month
(4) Once a week or more

Frequency of attendance at religious services. For all countries except Australia religious services include ceremonies such as weddings and funerals. In Australia, such ceremonies are explicitly excluded.

In most cases, this item is part of a rotating module and is therefore not available for all survey years. For years where the item is not part of the survey responses are specified as [-8] (question not asked in survey). For availability by year and country see table below. For comparative research it may be necessary to fill data across waves.

Religion: attendance – item availability by year and country (1=available)

Australia

relat – "How often do you attend religious services? Please do not include ceremonies like weddings or funerals"

[1] Never
[2] Less than once a year
[3] About once a year
[4] Several times a year
[5] About once a month
[6] 2 or 3 times a month
[7] About once a week
[8] Several times a week
[9] Every day

Korea

Not available (see relig_KOR for religious participation)

US

K2 – "How often do you go to church?"

1968
(0=1) (1=2) (2/3=3) (4/5=4)
1969
(0/1=1) (2=2) (3=3) (4/5=4)

J6– "How often do you go to religious services?"

1970-1972

(0=1) (1=4) (2=3) (3=2)

M54a/M65a/M57 – "During the year […], on average, how often did you go to religious services?"

2003<

(0=1) (1/11=2) (12/51=3) (52/97=4) (98/99=-1)

Russia

J131_1 – "Do you visit divine services, meetings or other religious events? If yes how often?"

(1/2=1) (3/4=2) (5/6=3) (7=4) (99999997/99999998=-1) (99999999=-2)

Switzerland

p_r04 – "How frequently do you take part in religious services?"

[1] Never
[2] Only for family ceremonies
[3] Only for religious celebrations
[4] Religious celebrations and family events
[5] A few times a year
[6] About once a month
[7] Every two weeks
[8] Once a week
[9] Several times a week

(1/3=1) (4/5=2) (6/7=3) (8/9=4) (-3=-3) (-2=-2) (-1=-1)

Germany

pli0098_h – "Please check off how often you do each activity: Attending church, religious events"

[1] At least once a week
[2] At least once a month
[3] Less often
[4] Never

UK

oprlg2 – "How often, if at all, do you attend religious services or meetings?"

[1] Once a week or more
[2] At least once a month
[3] At least once a year
[4] Never
[5] Only weddings etc.

Name: relig_att
Label: Attendence of religious services
Unique values: 9
Missing values: 2,062,121
Range: [-8; 4]
Mean: -4.41
SD: 4.74

Value	Label	Freq.	Percent
-8	Question not asked in survey	1,694,537	55.8

-3	Does not apply	1	0.0
-2	Item non-response	2,330	0.1
-1	MV general	10,682	0.4
1	Never or practically never	511,525	16.8
2	Less than once a month	277,455	9.1
3	At least once a month	82,891	2.7
4	Once a week or more	105,056	3.5
.		354,571	11.7
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	220,515	0	366,277	231,592	74,300	353,849	448,004
-3	0	0	0	0	1	0	0
-2	0	0	0	32	115	1,982	201
-1	7,661	0	1,085	1,231	86	178	441
1	32,022	0	33,081	26,270	42,625	205,529	171,998
2	20,397	0	47,615	31,478	31,778	104,235	41,952
3	3,145	0	9,263	4,008	12,378	34,640	19,457
4	6,876	0	14,733	1,077	8,985	35,437	37,948
.	0	333,699	0	20,809	0	63	0
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

relig_KOR

Religious participation (KOR only)

(1): very actively
(2): actively in general
(3): not very actively
(4): not actively at all

Self-rated religious participation. Available for Korea only.

Korea

P_9032 – "How actively do you usually participate in religious activities?"
[1] very actively
[2] actively in general
[3] not very actively
[4] not actively at all

Name: relig_KOR
Label: Religious participation (KOR only)
Unique values: 7
Missing values: 2,946,194
Range: [-8; 4]
Mean: -3.47
SD: 5.22

Value	Label	Freq.	Percent

-8	Question not asked in survey	122,271	4.0
-1	MV general	31	0.0
1	very actively	11,232	0.4
2	actively in general	34,153	1.1
3	not very actively	38,516	1.3
4	not actively at all	8,953	0.3
.		2,823,892	92.9
	Total:	3,039,048	

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
-8	0	122,271	0	0	0	0	0
-1	0	31	0	0	0	0	0
1	0	11,232	0	0	0	0	0
2	0	34,153	0	0	0	0	0
3	0	38,516	0	0	0	0	0
4	0	8,953	0	0	0	0	0
.	290,616	118,543	472,054	316,497	170,268	735,913	720,001
Total	290,616	333,699	472,054	316,497	170,268	735,913	720,001

24. Weights

This version of CPF does not provide weights. Weights can be added from the original surveys, however, in most cases, there are several weights available and their design differs between surveys. Users who wish to apply weights have to carefully read survey documentation, consider included samples (populations) and decide on the approach for harmonization.

25. Sample identifiers

Australia

This variable is not relevant for HILDA

Korea

sampid_klips1

1 98 sample original household
2 branch household from '98 original sample
3 not interview target

Based on *sample98* - original sample (98 sample) household indicator

sampid_klips2

1 original consolidated sample household
2 branch household from consolidated sample household
3 not interview target

Based on *sample09* - original sample (consolidated sample) household indicator

US

sampid_psid

1 "1968 SRC cross-section sample"
2 "Immigrant sample 1997 and 1999"
3 "Immigrant sample 2017"
4 "1968 Census sample"
5 "Latino sample 1990 and 1992"

Based on ER30001-ID number which identifies:

1) Values 1 - 2,930 – Member of, or moved into, a family from the 1968 SRC cross-section sample
2) 3,001 - 3,511 – Member of, or moved into, a family from the Immigrant sample added in 1997 and 1999. Values of 3001-3441 indicate families first interviewed in 1997; values of 3442-3511 indicate families not interviewed until 1999.
3) 4,001 - 4,462 – Member of, or moved into, a family from the Immigrant sample added in 2017. Values of 4001-4462 indicate families first interviewed in 2017.

4) 5,001 - 6,872 – Member of, or moved into, a family from the 1968 Census sample
5) 7,001 - 9,308 – Member of, or moved into, a family from the Latino sample added in 1990 and 1992. Values of 7001-9043 indicate families first interviewed in 1990; values of 9044-9308 indicate families not interviewed until 1992.

Russia

sampid_rlms

0 No, it is not belong to the representative sample: the family moved had been surveyed at it is new address

1 Yes, it is an address from the representative sample

Based on *origsm*.

Switzerland

sampid_rlms

0 SHP 2004
1 SHP 1999
4 SHP 2013

Based on CNEF x11104ll
0 = SHP I, 1999 (original sample)
1 = SHP II, 2004 (2004 refreshment sample)
4 = SHP III, 2013 (2013 refreshment sample)

Germany

sampid_soep

Based on psample. For description, see SOEP documentation, e.g.:

http://companion.soep.de/Target%20Population%20and%20Samples/The%20SOEP%20Samples%20in%20Detail.html

UK

sampid_ukhls1

1 ukhls gb 2009-10
2 ukhls ni 2009-10
3 bhps gb 1991
4 bhps sco 1999
5 bhps wal 1999
6 bhps ni 2001
7 ukhls emboost 2009-10
8 iemb

14 echp - scpr
15 echp - ons
16 echp – ni

Based on *memorig* - Sample origin: original bhps or echp. Individual level sample origin indicator. Indicates whether a respondent was first recruited into the study as part of a household belonging to the Understanding Society general population samplesfor Great Britain or Northern Ireland (GPS), the Ethnic Minority Boost Sample (EMBS), the Immigrant and Ethnic Minority Boost Sample (IEMBS), the original British Household Panel Survey (BHPS) sample for GB, or one of the BHPS regional booster samples for Scotland, Wales or Northern Ireland.

sampid_ukhls2

1 osm
2 psm
3 tsm

Based on *sampst* - Sample status. Indicates whether respondent is an Original Sample Member (OSM), born to an OSM, a Temporary Sample Member (TSM), or a Permanent Sample Member (PSM).

Variable matrix by country

Availability by country (1=available)

	[1] Austr	[2] Korea	[3] USA	[4] Russi	[5] Switz	[6] Germa	[7] UK
orgpid	1	1	1	1	1	1	1
pid	1	1	1	1	1	1	1
wave	1	1	1	1	1	1	1
wavey	1	1	1	1	1	1	1
intyear	1	1	1	1	1	1	1
intmonth	1	1	1	1	1	1	1
respstat	1	1	.	1	1	1	1
female	1	1	1	1	1	1	1
age	1	1	1	1	1	1	1
yborn	1	1	1	1	1	1	1
edu3	1	1	1	1	1	1	1
edu4	1	1	1	1	1	1	1
edu5	1	1	1	1	1	1	1
edu5v2	.	1	.	.	1	1	.
eduy	1	.	1	.	1	1	.
mlstat5	1	1	1	1	1	1	1
parstat6	1	1	1	1	1	1	1
marstat5	1	1	1	1	1	1	1
livpart	1	1	1	1	1	1	1
nvmarr	1	1	1	1	1	1	1
widow	1	1	1	1	1	1	1
divor	1	1	1	1	1	1	1
separ	1	1	1	1	1	1	1
kidsn_hh17	1	1	1	1	1	1	.
kidsn_hh15	1	.	.	.	.	.	1
kidsn_all	1	.	.	1	1	1	.
kids_any	1	.	.	1	1	1	1
nphh	1	1	1	1	1	1	1
emplst5	1	1	1	1	1	1	1
emplst6	.	1	1	1	1	1	1
work_d	1	1	1	1	1	1	1
work_py	1	.	.	.	1	1	.
mater	1	1	.	1	.	1	1
neverw	1	.	1	1	1	.	.
un_act	1	1	1	1	1	1	1
retf	1	1	1	1	1	1	1
oldpens	1	1	.	1	1	1	1
selfemp	1	1	1	1	1	1	1
entrep	.	.	.	1	.	1	.
entrep2	1	1	1	1	1	1	1
fptime_h	1	1	1	.	1	1	1
fptime_r	1	1	.	.	1	1	1
whyear	1	.	1	.	1	1	.
whday	.	.	.	1	.	.	.
whweek	1	1	1	1	1	1	1
whmonth	1	1	1	1	1	1	1
whweek_ctr	.	1	.	.	1	1	1
isco_1	1	1	1	1	1	1	1
isco_2	1	1	1	1	1	1	1
isco08_4	.	.	1	1	1	1	.
isco88_4	.	.	1	1	1	1	.
isco88_3	.	.	.	.	.	.	1
supervis	1	.	.	1	1	.	1
indust1	1	1	1	1	1	1	1
indust2	1	1	1	1	1	1	1
indust3	1	1	1	1	1	1	1
public	1	1	1	1	1	1	1
size	.	.	1	1	.	.	.
size4	.	.	1	1	.	1	.
size5	.	1	1	1	1	.	1
size5b	1	1	1	1	1	.	1
inctot_yn	1	.	.	.	.	.	.

inctot_mn	1	.	.	1	1	.	.
incjobs_yg	1	1	1	.	1	1	1
incjobs_yn	.	1	.	.	.	.	.
incjobs_mn	.	.	.	1	.	.	.
incjobs_mg	.	.	.	.	.	.	1
incjob1_yn	.	1	.	.	.	.	1
incjob1_yg	.	.	.	.	.	1	1
incjob1_mg	1	.	1	.	.	1	1
incjob1_mn	.	1	.	1	.	1	1
incjob1_hg	.	.	1	.	.	.	.
hhinc_pre	1	.	.	.	1	1	.
hhinc_post	1	1	1	1	1	1	1
exp	1	.	1	1	1	1	.
exporg	1	.	1	1	.	1	.
expft	.	.	1	.	.	1	.
exppt	.	.	.	.	.	1	.
srh5	1	1	1	1	1	1	1
disabpens	1	1	.	1	1	.	.
disab	1	.	1	1	1	1	1
disab2c	.	.	1	1	.	1	1
chron	1	.	.	.	1	1	1
satfinhh5	1	1	.	1	1	1	1
satfinhh10	1	1	.	1	1	1	1
satinc5	1	1	.	1	1	1	.
satinc10	1	1	.	1	1	1	.
satwork5	1	1	.	1	1	1	1
satwork10	1	1	.	1	1	1	1
sathlth5	1	.	.	.	1	1	1
sathlth10	1	.	.	.	1	1	1
satlife5	1	1	1	1	1	1	1
satlife10	1	1	1	1	1	1	1
satfam5	.	1	.	.	1	1	.
satfam10	.	1	.	.	1	1	.
train	1	1	.	1	1	1	1
eduwork	.	1	.	1	1	1	.
wqualif	.	1	.	.	1	.	.
jsecu	1	1	.	1	1	1	1
jsecu2	1	1	.	1	.	.	1
isei08	1	1	1	1	1	1	1
isei88	1	1	1	1	1	1	1
isei88soep	.	.	.	.	.	1	.
siops08	1	1	1	1	1	1	1
siops88	1	1	1	1	1	1	1
siops88soep	.	.	.	.	.	1	.
mps88	.	.	1	1	1	1	1
mps92soep	.	.	.	.	.	1	.
fedu3	1	1	1	1	1	1	1
fedu4	1	1	1	1	1	1	1
medu3	1	1	1	1	1	1	1
medu4	1	1	1	1	1	1	1
ethn	.	.	1	.	.	.	1
ethn_hisp	.	.	1	.	.	.	.
migr	1	1	1	1	1	1	1
cob	1	1	1	1	1	1	1
grewup_US	.	.	1	.	.	.	.
migr_f	1	.	1	.	1	.	1
migr_m	1	.	1	.	1	.	1
cob_f	1	.	.	.	1	.	1
cob_m	1	.	.	.	1	.	1
migr_gen	1	.	1	.	1	.	1
relig	1	1	1	1	1	1	1
relig_att	1	.	1	1	1	1	1
relig_KOR	.	1	.	.	.	.	.
sampid_klips1	.	1	.	.	.	.	.
sampid_klips2	.	1	.	.	.	.	.
sampid_psid	.	.	1	.	.	.	.
sampid_rlms	.	.	.	1	.	.	.
sampid_shp	.	.	.	.	1	.	.
sampid_soep	.	.	.	.	.	1	.

sampid_ukhls1	.	.	.	.	.	.	1
sampid_ukhls2	.	.	.	.	.	.	1

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https://www.statalist.org/forums/forum/general-stata-discussion/general/1453894-icpsr-style-codebook-creation-in-a-word-doc

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Socio-Economic Panel (SOEP), data for years 1984-2020, SOEP-Core v37, EU Edition, 2022, doi:10.5684/soep.core.v37eu

Panel Study of Income Dynamics, public use dataset. Produced and distributed by the Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor, MI (2020). https://psidonline.isr.umich.edu

Department of Social Services; Melbourne Institute of Applied Economic and Social Research, 2022, "The Household, Income and Labour Dynamics in Australia (HILDA) Survey, GENERAL RELEASE 21 (Waves 1-21)", doi:10.26193/KXNEBO, ADA Dataverse, V3

Korean Labor & Income Panel Study (KLIPS) version 24. Copyright Korea Labor Institute, 2020. www.kli.re.kr/klips_eng

Russia Longitudinal Monitoring Survey, RLMS-HSE, version 2023, conducted by National Research University "Higher School of Economics" and ZAO "Demoscope" together with Carolina Population Center, University of North Carolina at Chapel Hill and the Institute of Sociology RAS. (RLMS-HSE sites: http://www.cpc.unc.edu/projects/rlms-hse, http://www.hse.ru/org/hse/rlms)

Swiss Household Panel (SHP), version 21, SHP is based at the Swiss Centre of Expertise in the Social Sciences FORS. The project is supported by the Swiss National Science Foundation. https://forscenter.ch/projects/swiss-household-panel.

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