Codebook for CNEF variables in the SHP (1999 - 2021)

Data Documentation

Swiss Household Panel, FORS

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Indicator - Wife/spouse in HH	H11112_1999 - H11112_2021	40
Yearly Income		
Household Pre-Government Income	I11101_1999 - I11101_2021	42
Household Post-Government Income	I11102_1999 - I11102_2021	43
Household Labour Income	I11103_1999 - I11103_2021	45
Household Asset Income	I11104_1999 - I11104_2021	47
Household Imputed Rental Value	I11105_1999 - I11105_2021	49
Household Private Transfers	I11106_1999 - I11106_2021	51
Household Public Transfers	I11107_1999 - I11107_2021	53
Household Social Security Pensions	I11108_1999 - I11108_2021	55
Total Household Taxes	I11109_1999 - I11109_2021	57
Individual Labour Earnings	I11110_1999 - I11110_2021	59
Household Federal Taxes	n.a	
Household Social Security Taxes	I11112_1999 - I11112_2021	62
Household Post-Government Income (TAXSIM)	n.a	
Total Household Taxes (TAXSIM)	n.a	
Household State Taxes (TAXSIM)	n.a	
Household Federal Taxes (TAXSIM)	n.a	
Household Private Retirement Income	n.a	
Household Windfall Income	I11118_1999 - I11118_2021	63
Impute Household Pre-Government Income	I11201_1999 - I11201_2021	65
Impute Household Post-Government Income	I11202_1999 - I11202_2021	67
Impute Household Labour Income	I11203_1999 - I11203_2021	68
Impute Household Asset Income	I11204_1999 - I11204_2021	70
Impute Household Imputed Rental Value	n.a	
Impute Household Private Transfers	I11206_1999 - I11206_2021	71
Impute Household Public Transfers	I11207_1999 - I11207_2021	73
Impute Household Social Security Pensions	I11208_1999 - I11208_2021	75
Impute Total Household Taxes	n.a.	
Impute Individual Labour Earnings	I11210_1999 - I11210_2021	78
Impute Private Retirement Income	n.a.	
Location:		
Area of Residence	L11101_1999 - L11101_2021	79
Region of Residence: Language	L11102_1999 - L11201_2021	81
Medical/health:		
Whether spent night in hospital in last year	M11101_1999, M11101_2004 - M11101_2021	83
Number of nights (days) spent in hospital	M11102_1999, M11102_2004 - M11102_2021	84
Whether had accident in past year that required hospital	M11103_1999	85
Frequency of sports or exercise	M11104_1999, M11104_2004 - M11104_2021	86

Have had stroke	n.a.	
Have or had high blood pressure/hypertension	n.a.	
Have or had diabetes	n.a.	
Have or had cancer	n.a.	
Have or had psychiatric problems	n.a.	
Have or had arthritis	n.a.	
Have or had angina or heart condition	n.a.	
Have or had asthma or breathing difficulties	n.a.	
Have trouble climbing stairs	n.a.	
Have trouble with bath	n.a.	
Have trouble dressing	n.a.	
Have trouble getting out of bed	n.a.	
Have trouble shopping	n.a.	
Have trouble walking	n.a.	
Have trouble doing housework	n.a.	
Have trouble bending, lifting, stooping	n.a.	
Health limits vigorous physical activities	n.a.	
Height (in meters)	M11122_2004 - M11122_2021	88
Weight (in kilograms)	M11123_2004 - M11123_2021	89
Disability Status of Individual	n.a	
Subjective Satisfaction with Health	M11125_1999 - M11125_2021	90
Self-Rated Health Status	M11126_1999 - M11126_2021	92
Number of Times Visited a doctor in Past Year	M11127_1999 - M11127_2021	93
Psychological:		
Satisfaction with Life Today	P11101_2000 - P11101_2021	94
Weights:		
Cross-sectional Individual population Weight	W11101_1999 - W11101_2021	96
Cross-sectional Household population Weight	W11102_1999 - W11102_2021	97
Cross-sectional Child Weight (SHP III)	W11105_2013 - W11105_2021	98
Longitudinal individual population weight (SHP I,II,III, IV)	W11113_2014 - W11113_2021	99

Codebook of SHP – CNEF variables

Variable **Survey / Created** **Reliability** **Unit**	**Method / Algorithm (y=1999-2021), variable(s) origin** The Missing Values (.**C**hild/Not available (-1), .**M**issing (-2), .**S**urvey non-response (-3)) are calculated with the help of the individual variable "interview status" (proxy (-1), grid only (-3)), taken from the data file shp_mp, and from the item missing status of each variable (-2). The Missing Value codes .C, .M, .S apply for each variable, if not otherwise remarked.

X11101LL **S** **1** **I**	**Unique Person Identification Number** Original survey variables in files shp$$_p_user, shp_mp ($$=1999-2021): gen X11101LL=idpers

	N	min	p50	max
1999	12930	4101	7099102	14676103
2000	11677	4101	7141103	14676103
2001	11115	4101	7267101	14676103
2002	9536	4101	7214104	14676103
2003	8477	4101	7173105	14676103
2004	14081	4101	13715103	24999103
2005	11159	4101	12531103	24999103
2006	10858	4101	12083105	24999103
2007	10997	4101	11150102	24998103
2008	10884	4101	11550102	24998103
2009	11150	4101	10793105	24998103
2010	11327	4101	10974101	24998202
2011	11172	4101	10791108	24998202
2012	10963	4101	10877102	24998202
2013	10570	5101	10913102	24998202
2014	18016	5101	23549103	69059102
2015	16343	5101	22567102	69059102
2016	14960	5101	22043103	1.05E+09
2017	13949	5101	21578104	1.05E+09
2018	13751	5101	21420102	1.05E+09
2019	13153	5101	21334101	1.6E+09
2020	24725	5101	43743104	1.6E+09
2021	19979	5101	43020101	1.6E+09

X11102_S_1_H	**Household Identification Number** The unique Household Identification Number indicates the household in which a given individual lived at the time of the interview Original survey variables in files shp$$_h_user ($$=1999-2021), shp_mh: gen X11102_y=idhous$$

	N	min	p50	max
1999	12930	41	70991	146761
2000	11677	41	71411	146761
2001	11115	41	72671	146761
2002	9536	41	72141	146761
2003	8477	41	71731	146761
2004	14081	41	137151	249991
2005	11159	41	125311	249991
2006	10858	41	120831	249991
2007	10997	41	111501	249982
2008	10884	41	115501	249982
2009	11150	41	107931	249982
2010	11327	41	109741	249982
2011	11172	41	107912	249982
2012	10963	41	108771	249982
2013	10570	51	109131	249982
2014	18016	51	235491	690591
2015	16343	51	225671	690591
2016	14960	51	220481	10539610
2017	13949	51	215831	10539611
2018	13751	51	214203	10541611
2019	13153	51	213531	16048310
2020	24725	51	437491	16048311
2021	19979	51	430291	16374512

X11104S1I	**Sample Identifier** This variable indicates to which sample each person belongs. **Format**: 0 = SHP I, (original sample) 1 = SHP II, (2004 refreshment sample)

4 = SHP III, (2013 refreshment sample)
8 = SHP IV, (2020 refreshment sample)

Original survey variables in file shp_mp ($$=1999-2021):
gen X11104LL=filter

year	SHP_I	SHP_II	SHP_III	SHP_IV
1999	12930			
2000	11677			
2001	11115			
2002	9536			
2003	8477			
2004	7516	6565		
2005	6490	4669		
2006	6586	4272		
2007	7224	3773		
2008	6904	3980		
2009	7468	3682		
2010	7476	3851		
2011	7448	3724		
2012	7272	3691		
2013	6998	3572		
2014	6702	3324	7990	
2015	6570	3149	6624	
2016	6267	2905	5788	
2017	6059	2812	5078	
2018	6062	2866	4823	
2019	5834	2792	4527	
2020	5643	2645	4150	12287
2021	5305	2453	3639	8582

X11105 S 1 I	**Availability of information on individual by the means of personal or proxy interviews** Indicates whether an individual present in the household was validly interviewed. Proxy interviewed individuals in the SHP are considered validly interviewed*. See for type of interview (full individual/proxy) the status$$ variable. **Format:** 0 = Didn't provide information 1 = Provided information Original survey variables in files shp$$_p_user ($$=1999-2021): gen X11105_y=1 if status$$==0 | status$$==1 replace X11105_y =0 if status$$==2 *Proxy information is provided by the household reference person on members of the household who are a) not yet 14 years old and consequently not yet eligible for a personal interview, or b) not able to answer personally the questions of the individual interview (for example due to disease, long absence, handicap, age etc.). No proxy interviews are carried out on eligible persons who refuse their interview participation. In the absence of individual interview data, the corresponding proxy information is used for the construction of the CNEF variables when available.

year	No_inform	With_info
1999	2494	10436
2000	2224	9453
2001	2341	8774
2002	1853	7683
2003	1534	6943
2004	3420	10661
2005	2614	8545
2006	2222	8636
2007	2156	8841
2008	2210	8674
2009	2206	8944
2010	1968	9359
2011	1937	9235
2012	1928	9035
2013	1901	8669
2014	3082	14934
2015	2645	13698
2016	2739	12221
2017	2390	11559
2018	2368	11383
2019	2387	10766
2020	5097	19628
2021	3930	16049

Status **S** **1** **I**	**Personal Interview Status** **Description** Indicates the kind of interview conducted with the individual. Either a full individual or a proxy interview is possible. In case the individual refuses, this variable is set to “grid only”, meaning that information on the individual stems from the household grid questionnaire. This variable is introduced to distinguish the “validly” interviewed as described in variable X11105. **Format:**

0 = Individual Questionnaire
1 = Proxy Questionnaire
2 = Grid only (refusal)

Original survey variables in file shp_mp

year	Indiv_Que	Proxy_Qu	Grid_only
1999	7799	2637	2494
2000	7073	2380	2224
2001	6601	2173	2341
2002	5700	1983	1853
2003	5220	1723	1534
2004	8065	2596	3420
2005	6535	2010	2614
2006	6657	1979	2222
2007	6978	1863	2156
2008	6902	1772	2210
2009	7106	1838	2206
2010	7544	1815	1968
2011	7580	1655	1937
2012	7442	1593	1928
2013	7203	1466	1901
2014	12086	2848	3082
2015	11166	2532	2645
2016	10029	2192	2739
2017	9479	2080	2390
2018	9350	2033	2368
2019	8841	1925	2387
2020	15880	3748	5097
2021	13100	2949	3930

D11101	**Age of individual**

C **1** **I**	**Description** Indicates the age of each individual. **Method** During the identification process the SHP asks or verifies the year of birth of each individual in every wave. The individual master file (shp_mp) is updated according to this information in each wave, so that age is consistent over the wave. Original survey variable in file shp_mp: gen D11101__y =_y -birthy `Summary for variable d11101 >= 0`

	N	min	mean	p50	max
1999	12916	0	35.05458	35	95
2000	11675	0	35.51991	36	96
2001	11113	0	35.87762	36	97
2002	9534	0	36.38116	37	97
2003	8475	0	36.71858	38	98
2004	14069	0	37.41886	38	95
2005	11153	0	38.00959	39	95
2006	10853	0	38.52999	40	96
2007	10995	0	39.61801	42	95
2008	10874	0	40.05067	42	96
2009	11144	0	40.84458	43	95
2010	11327	0	41.22875	44	95
2011	11166	0	41.6286	44	97
2012	10957	0	42.33668	45	98
2013	10562	0	42.52339	45	98
2014	18013	0	42.25326	45	99
2015	16336	0	43.00526	46	100
2016	14953	0	43.63506	47	101
2017	13933	0	43.94086	47	99
2018	13732	0	44.05702	47	100
2019	13134	0	44.40399	48	101
2020	24707	0	42.5252	45	104
2021	19952	0	43.92046	47	105

D11102LLS1I	**Gender of individual** **Description** Indicates the gender (SEX) of each individual. **Method** During the identification process the SHP asks or verifies the gender of each individual in every wave. The individual master file

	(shp_mp) is updated according to this information in each wave. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 1 = Male 2 = Female Original survey variable in file shp_mp: gen D11102LL=sex

year	Men	Women	TotalFreq	
1999	0.490023	0.509977	12930	
2000	0.488139	0.511861	11677	
2001	0.487989	0.512011	11115	
2002	0.486892	0.513108	9536	
2003	0.48897	0.51103	8477	
2004	0.488673	0.511327	14081	
2005	0.489022	0.510978	11159	
2006	0.486922	0.513078	10858	
2007	0.486042	0.513958	10997	
2008	0.483738	0.516262	10884	
2009	0.483408	0.516592	11150	
2010	0.483888	0.516112	11327	
2011	0.481293	0.518707	11172	
2012	0.483809	0.516191	10963	
2013	0.484106	0.515894	10570	
2014	0.486123	0.513877	18016	
2015	0.484428	0.515572	16343	
2016	0.484091	0.515909	14960	
2017	0.483547	0.516453	13949	
2018	0.485419	0.514581	13751	
2019	0.488254	0.511746	13153	
2020	0.491365	0.508554	24725	
2021	0.490165	0.509685	19979	

D11104 **C** **1** **I**	**Civil Status and cohabitation with partner** **Description** The Civil Status is extended by the information whether the person lives with the partner. In the SHP, civil status and partnership are asked separately. Original survey variables in files shp$$_p_user ($$=1999-2021):

	gen D11104_y=-1 if D11101<16 replace D11104=1 if D11104==. & (civsta$$==2 \| p$$d29==1) replace D11104=2 if D11104==. & civsta$$==1 & p$$d29!=1 replace D11104=3 if D11104==. & civsta$$==5 & p$$d29!=1 replace D11104=4 if D11104==. & civsta$$==4 & p$$d29!=1 replace D11104=5 if D11104==. & civsta$$==3 & p$$d29!=1 replace D11104=-2 if D11104==. & status$$!=2 /* Item NR */ replace D11104=-3 if D11104==. & status$$==2 /* Survey NR */ **Format:** C (-1) = N/A – Child .M (-2) = Item non-response .S (-3) = Survey non-response 1 = Married or Living with a Partner 2 = Single, not Living with a Partner 3 = Widowed, not Living with a Partner 4 = Divorced, not Living with a Partner 5 = Separated (Legally Married), not Living with a Partner Summary for variable `d11104 > -2`

year	Child	Married	Single	Widowed	Divorced	Separated	TotalFreq
1999	0.227069	0.510209	0.18662	0.02993	0.037974	0.008198	12930
2000	0.2254	0.510148	0.188833	0.030059	0.037081	0.008478	11677
2001	0.222312	0.508592	0.193342	0.030049	0.037697	0.008007	11115
2002	0.223749	0.508759	0.19186	0.030526	0.036085	0.009021	9533
2003	0.222301	0.506431	0.193392	0.029853	0.039292	0.008732	8475
2004	0.206183	0.506041	0.204762	0.032694	0.039943	0.010377	14070
2005	0.201452	0.504705	0.207366	0.031903	0.04418	0.010395	11159
2006	0.196353	0.51096	0.205655	0.033155	0.044575	0.009302	10858
2007	0.186704	0.518461	0.204165	0.034376	0.046835	0.009458	10996
2008	0.181434	0.521783	0.204963	0.034926	0.048254	0.00864	10880
2009	0.174338	0.528937	0.20314	0.037236	0.048004	0.008345	11145
2010	0.168521	0.531355	0.207119	0.037273	0.047783	0.007949	11322
2011	0.163084	0.532689	0.209117	0.038062	0.049436	0.007612	11166
2012	0.155306	0.535177	0.211516	0.038416	0.051191	0.008395	10959
2013	0.152805	0.536569	0.212603	0.037847	0.051661	0.008515	10569
2014	0.163039	0.539816	0.204354	0.034596	0.049478	0.008718	18008
2015	0.158185	0.541981	0.205034	0.036377	0.049605	0.008819	16329
2016	0.153692	0.539058	0.207865	0.039125	0.052301	0.007959	14952
2017	0.150724	0.535422	0.212391	0.040513	0.051413	0.009537	13946
2018	0.148261	0.528808	0.216863	0.039939	0.05558	0.010549	13746
2019	0.145172	0.534581	0.214411	0.039413	0.057825	0.008598	13143
2020	0.154896	0.539079	0.221182	0.029821	0.046027	0.008995	24681
2021	0.145634	0.544261	0.218927	0.031812	0.050999	0.008366	19961

D11105 **C** **1** **I**	**Relationship to the Reference Person** ("household informant / head") The relation to the reference person is computed by collapsing the original "relation to reference person variable" (12 categories) into five categories. The household reference person is the adult person in the household who is preferably most knowledgeable about the household members and especially the household finances **Format:**

	.M (-2) = Item non-response .S (-3) = Survey non-response 1 = Reference Person 2 = Partner of Reference Person 3 = Child of Reference Person 4 = Relative of Reference Person 5 = Non-Relative of Reference Person Original survey variables in files shp$$_p_user ($$=1999-2021): gen D11105_y=1 if relarp$$==1 replace D11105=2 if D11105==. & (relarp$$==2 | relarp$$==3) replace D11105=3 if D11105==. & (relarp$$>=4 & relarp$$<=6) replace D11105=4 if D11105==. & (relarp$$>=7 & relarp$$<=11) replace D11105=5 if D11105==. & relarp$$==12 replace D11105=-2 if D11105==. & status$$!=2 & status$$!=. /* Item NR */ replace D11105=-3 if D11105==. & status$$==2 /* Survey NR */ Summary for variable `d11105 >= 0`

year	Reference	Partner	Child	Relative	Non_relat	TotalFreq
1999	0.392421	0.256922	0.325058	0.021268	0.004331	12930
2000	0.388061	0.255481	0.327852	0.022867	0.005738	11676
2001	0.388069	0.255084	0.328864	0.021055	0.006928	11114
2002	0.386755	0.252834	0.32966	0.024769	0.005982	9528
2003	0.38763	0.256256	0.332389	0.015935	0.00779	8472
2004	0.399304	0.253108	0.305818	0.030688	0.011082	14077
2005	0.3974	0.252532	0.310802	0.029583	0.009682	11155
2006	0.399152	0.254953	0.305169	0.031143	0.009583	10853
2007	0.40406	0.257874	0.299745	0.029128	0.009194	10986
2008	0.409354	0.261876	0.296242	0.024166	0.008362	10883
2009	0.411786	0.266481	0.294645	0.018387	0.0087	11149
2010	0.412554	0.267061	0.290721	0.019687	0.009976	11327
2011	0.412997	0.267902	0.290279	0.020319	0.008503	11172
2012	0.41881	0.269841	0.281518	0.02089	0.00894	10962
2013	0.422597	0.271858	0.274603	0.019493	0.01145	10568
2014	0.417152	0.271829	0.277435	0.023258	0.010325	18015
2015	0.421394	0.271954	0.273973	0.020929	0.01175	16341
2016	0.427979	0.272235	0.269761	0.017052	0.012973	14954
2017	0.435712	0.270348	0.261958	0.015561	0.016422	13945
2018	0.438441	0.266453	0.255981	0.019708	0.019417	13751
2019	0.440347	0.269941	0.250019	0.020227	0.019466	13151
2020	0.408475	0.271898	0.280049	0.023277	0.016302	24660
2021	0.421738	0.278087	0.265264	0.020786	0.014125	19965

D11106S1H	**Number of persons in household** The number of persons in the household is asked in the grid questionnaire by the household reference person. Original survey variables in files shp$$_h_user ($$=1999-2021): gen D11106_y=nbpers$$

Summary for variable d11106

	N	min	mean	p50	max
1999	12930	1	3.304099	3	10
2000	11677	1	3.338614	3	10
2001	11115	1	3.328385	3	10
2002	9536	1	3.344799	3	10
2003	8477	1	3.326767	3	10
2004	14081	1	3.248278	3	12
2005	11159	1	3.247513	3	9
2006	10858	1	3.210536	3	9
2007	10997	1	3.189688	3	10
2008	10884	1	3.147372	3	10
2009	11150	1	3.122152	3	10
2010	11327	1	3.112298	3	10
2011	11172	1	3.104458	3	11
2012	10963	1	3.058561	3	11
2013	10570	1	3.032734	3	11
2014	18016	1	3.051066	3	10
2015	16343	1	3.029432	3	10
2016	14960	1	2.987767	3	10
2017	13949	1	2.947021	3	10
2018	13751	1	2.935932	3	10
2019	13153	1	2.923211	3	10
2020	24725	1	3.113003	3	10
2021	19979	1	3.013614	3	10

D11107 **C** **1** **H**	**Number of children in household** The number of children in the household is calculated by adding the persons under the age of 18, who are recorded for the household. Original survey variables in files shp$$_p_user ($$=1999-2021):

egen D11107_y=total(D11101<18), by(idhous$$)
recode D11107 (-2/-1=-2) /* Item NR */

```
Summary for variable d11107_ >=0
```

	N	min	mean	p50	max
1999	12930	0	1.115391	1	6
2000	11673	0	1.110083	1	7
2001	11115	0	1.096986	1	6
2002	9516	0	1.117907	1	6
2003	8469	0	1.107333	1	7
2004	14081	0	1.013777	1	9
2005	11159	0	1.006094	0	7
2006	10858	0	0.976976	0	5
2007	10997	0	0.956715	0	8
2008	10884	0	0.915748	0	7
2009	11150	0	0.895516	0	6
2010	11327	0	0.865013	0	6
2011	11172	0	0.83575	0	6
2012	10963	0	0.785825	0	5
2013	10570	0	0.76755	0	5
2014	18016	0	0.806339	0	8
2015	16343	0	0.786331	0	8
2016	14960	0	0.75381	0	8
2017	13949	0	0.730375	0	8
2018	13751	0	0.716166	0	8
2019	13145	0	0.705591	0	5
2020	24725	0	0.774156	0	6
2021	19979	0	0.725762	0	5

D11108	**Highest level of education achieved**

(education with respect to High School level) **C** **2** **I**	Highest education of each person (orig.: 10 categories) is obtained from the household reference person on the basis of the household grid questionnaire, and if the individual answers the survey in addition directly from the individual herself. The information is retrieved from both sources, but information from the interviewed individual is given priority. No education, primary, or secondary II education corresponds to lower than high school level, secondary I education to high school level, and tertiary education to higher than high school. Children are under age 6 not subjected to mandatory schooling are set to .C(-1). **Format:** .C (-1) = N/A - Child .M (-2) = Item non-response .S (-3) = Survey non-response 1 = Less than High School 2 = High School 3 = More than High School Original survey variables in files shp$$_p_user ($$=1999-2021): gen D11108_y=-1 if (educat$$<-2 & educat$$!=-6) | D11101<16 replace D11108=1 if D11108==. & (educat$$==-6 \| (educat$$>-1 & educat$$<4)) replace D11108=2 if D11108==. & (educat$$>3 & educat$$<7) replace D11108=3 if D11108==. & (educat$$>6 & educat$$<11) replace D11108=-2 if D11108==. & ((educat$$==-1 | educat$$==-2) & status$$!=2 & status$$!=.) /* Item NR */ replace D11108=-3 if D11108==. & status$$==2 /* Survey NR */ `Summary for variable d11108_ >=0`

year	Less_than	High_scho	More_tha	TotalFreq
1999	0.354294	0.465042	0.180664	11657
2000	0.349728	0.458584	0.191688	10491
2001	0.351427	0.452604	0.195969	10022
2002	0.343841	0.44892	0.207239	8565
2003	0.3339	0.447987	0.218113	7652
2004	0.325619	0.44834	0.22604	12834
2005	0.323186	0.435907	0.240906	10282
2006	0.328291	0.426908	0.2448	10049
2007	0.326332	0.42222	0.251448	10189
2008	0.324111	0.421384	0.254504	10157
2009	0.320305	0.422688	0.257007	10490
2010	0.317089	0.423721	0.25919	10691
2011	0.30968	0.423482	0.266838	10527
2012	0.303349	0.422836	0.273815	10361
2013	0.289858	0.422384	0.287758	9998
2014	0.303279	0.407976	0.288744	16925
2015	0.29678	0.405921	0.297299	15402
2016	0.284106	0.408	0.307894	14125
2017	0.275106	0.405947	0.318947	13184
2018	0.270341	0.404665	0.324994	12991
2019	0.263513	0.401012	0.335475	12451
2020	0.277732	0.378745	0.343523	22997
2021	0.263119	0.376469	0.360413	18809

D11109 **C** **2** **I**	**Number of years of schooling** Years of Education based on ISCED Classification. Original survey variables in files shp$$_p_user ($$=1999-2021): gen D11109_y=edyear_y

Summary for variable d11109 >= 0

	N	min	mean	p50	max
1999	11737	0	11.15472	12	21
2000	11610	0	10.50293	12	21
2001	11074	0	10.56059	12	21
2002	9502	0	10.64134	12	21
2003	8456	0	10.77495	12	21
2004	14016	0	10.82106	12	21
2005	11137	0	10.95959	12	21
2006	10826	0	10.99723	12	21
2007	10963	0	11.11986	12	21
2008	10855	0	11.22054	12	21
2009	11122	0	11.32854	12	21
2010	11298	0	11.40529	12	21
2011	11137	0	11.49107	12	21
2012	10934	0	11.58844	12	21
2013	10546	0	11.71639	12	21
2014	17942	0	11.61426	12	21
2015	16268	0	11.70826	12	21
2016	14891	0	11.83493	12	21
2017	13879	0	11.93674	12	21
2018	13677	0	11.99846	12	21
2019	13081	0	12.27421	12	21
2020	24236	0	12.27406	12	21
2021	19749	0	12.48154	12	21

E11101 **C** **2** **I**	**Total annual working hours** This variable reports annual working hours, derived from the "usual" number of **working hours per week**, multiplied by 52. In case of an (item) non response, this variable is (mean) imputed from the employment status (full, part, marginal, none) reported in the activity calendar for the interview month, which is again multiplied by 52.

	Original survey variables in files shp_ca, shp$$_p_user ($$=1999-2021): * ANNUAL WORK HOURS OF INDIVIDUAL recode p$$w77 (.=-3) /* In all but 2000, -3 are ., now same coding */ gen E11101_$$=p$$w77*52 if p$$w77>0 & p$$w77<168 /* h per week * weeks */ egen mworkfull=mean(p$$w77) if p$$w77>0 & p$$w77<168 & occupa==1 sort mworkfull replace mworkfull=mworkfull[1] egen mworkpart=mean(p$$w77) if p$$w77>0 & p$$w77<168 & occupa==2 sort mworkpart replace mworkpart=mworkpart[1] egen reported=anycount(jan$$-dec$$), val(1 2 3 4 5) egen nrfull=anycount(jan$$-dec$$), val(1) egen nrpart=anycount(jan$$-dec$$), val(2) gen portfull=nrfull/reported gen portpart=nrpart/reported replace E11101=(mworkfull*portfull+mworkpart*portpart)*52 if E11101==. /* impute mean according to activity */ `Summary for variables e11101 > 0`

	N	min	mean	p50	max
1999	5’785	52	1’853	2’132	5’148
2000	5’299	52	1’788	2’080	5’044
2001	5’077	52	1’779	2’080	4’680
2002	4’396	52	1’766	2’080	4’680
2003	3’937	52	1’728	2’080	4’940
2004	6’190	52	1’746	2’080	4’940
2005	5’364	52	1’742	2’080	4’680
2006	5’224	52	1’715	2’080	4’680
2007	5’400	52	1’711	2’080	4’732
2008	5’420	52	1’722	2’080	4’940
2009	5’546	52	1’704	1’976	4’680
2010	5’710	52	1’711	2’028	4’940
2011	5’704	52	1’709	1’976	4’680
2012	5’548	52	1’712	1’989	4’680
2013	5’339	52	1’704	1’924	4’992
2014	8’882	52	1’726	2’028	4’992
2015	8’120	52	1’690	1’872	4’992
2016	7’249	52	1’684	1’872	4’784
2017	6’820	52	1’676	1’872	4’992
2018	6’720	52	1’691	1’872	4’992
2019	6’319	52	1’695	1’872	4’992
2020	10’575	52	1’758	2’080	4’992
2021	8’717	52	1’753	1’976	4’992

E11201 **C** **1** **I**	**Imputation Flag Variable on E11101** This variable indicates whether the variable E11101 is imputed. Format: 0 = not imputed

	1 = Imputed Original survey variables in files shp$$_p_user ($$=1999-2021): gen E11201_$$= E11101>0 & E11101!=. & p$$w77<0

year	Not_impu	Imputed	TotalFreq
1999	0.921578	0.078422	12930
2000	0.917701	0.082299	11677
2001	0.905623	0.094377	11115
2002	0.913905	0.086095	9536
2003	0.921199	0.078801	8477
2004	0.918543	0.081457	14081
2005	0.894345	0.105655	11159
2006	0.908639	0.091361	10858
2007	0.91525	0.08475	10997
2008	0.909041	0.090959	10884
2009	0.901704	0.098296	11150
2010	0.910391	0.089609	11327
2011	0.909148	0.090852	11172
2012	0.903494	0.096506	10963
2013	0.911731	0.088269	10570
2014	0.910913	0.089087	18016
2015	0.911093	0.088907	16343
2016	0.906551	0.093449	14960
2017	0.891103	0.108897	13949
2018	0.905461	0.094539	13751
2019	0.908462	0.091538	13153
2020	0.923438	0.076562	24725
2021	0.920366	0.079634	19979

E11102	**Gainful employment in the last week**

C 2 I	This variable indicates whether the individual was gainfully employed **in the last week**. **Format:** .C (-1) = N/A - Child .M (-2) = Item non-response .S (-3) = Survey non-response 0 = Not Employed 1 = Employed Original survey variables in files shp$$_p_user ($$=1999-2021): gen E11102_y=1 if p$$w01==1 \| p$$w03==1 /* Remunerated Employment in LAST WEEK */ replace E11102=0 if E11102==. & (p$$w01==2 \| p$$w02==1) replace E11102=-2 if E11102==. & (p$$w01==-1 \| p$$w01==-2) /* Item NR */ replace E11102=-3 if E11102==. & status99==2 /* Survey NR */ * replace E11102=-1 if E11102==. /* NA / child */ * IF PROXY: replace E11102=1 if status==1 & occupa>=1 & occupa<=3 & (E11102<0 | E11102==.) replace E11102=0 if status==1 & occupa>=4 & occupa<=11 & (E11102<0 | E11102==.) replace E11102=-2 if E11102==. /* Rest Category */

year	Survey_nc	Item_non	Not_empl	Employed	TotalFreq
1999	0.192885	0.003867	0.416783	0.386466	12930
2000	0.190203	0.003169	0.404385	0.402244	11677
2001	0.209987	0.004049	0.392443	0.393522	11115
2002	0.194316	0.00388	0.401112	0.400692	9536
2003	0.18096	0.002477	0.402501	0.414062	8477
2004	0.239756	0.002628	0.365102	0.392515	14081
2005	0.233354	0.001255	0.365803	0.399588	11159
2006	0.203905	0.000645	0.382851	0.412599	10858
2007	0.195053	0.001273	0.371374	0.4323	10997
2008	0.202499	0.000459	0.365307	0.431735	10884
2009	0.197309	0.000538	0.372825	0.429327	11150
2010	0.173391	0.000265	0.381125	0.445219	11327
2011	0.172932	0.000269	0.377641	0.449159	11172
2012	0.175773	0.000365	0.37362	0.450242	10963
2013	0.179186	0.000568	0.372658	0.447588	10570
2014	0.170016	0.000444	0.388433	0.441108	18016
2015	0.160986	0.00049	0.394481	0.444043	16343
2016	0.182219	0.000468	0.388636	0.428676	14960
2017	0.171338	0.000932	0.394652	0.433078	13949
2018	0.172206	0.000436	0.387026	0.440332	13751
2019	0.18148	0.000456	0.383639	0.434426	13153
2020	0.206148	0.007361	0.366593	0.419899	24725
2021	0.196707	0.005906	0.372491	0.424896	19979

E11103 **C** **2** **I**	**Employment Level of Individual** This variable indicates the **level of employment** of the individual. **Format:** .C (-1) = N/A - Child .M (-2) = Item non-response .S (-3) = Survey non-response 1 = Full Time

	2 = Part Time 3 = Not Working Original survey variables in files shp$$_p_user ($$=1999-2021): gen E11103_y =1 if E11101>=1820 replace E11103 =2 if E11101>=52 & E11101<1820 replace E11103 =E11102 if E11102<0 replace E11103 =3 if E11102==0 | E11101==0 replace E11103 =-1 if E11101==-1 & E11103==. /* NA (irregular hours) */ replace E11103 =-2 if E11103 ==. /* Item NR */ If the individual had positive wages and worked at least 1,820 hours last year, then the individual was employed full-time. If the individual had positive wages and worked at least 52 hours but less than 1,820 hours last year, then the individual was employed part-time. Otherwise, the individual was not working

year	Survey_nc	Item_non	Full_time	Part_time	Not_work	TotalFreq	
1999	0.182908	0.000696	0.251199	0.124903	0.434957	12930	
2000	0.184979	0.003083	0.269076	0.132226	0.410636	11677	
2001	0.202879	0.003059	0.259379	0.133783	0.4009	11115	
2002	0.186976	0.002517	0.25797	0.141988	0.410549	9536	
2003	0.175888	0.002005	0.260116	0.153238	0.408753	8477	
2004	0.233506	0.002628	0.250053	0.141893	0.37192	14081	
2005	0.215163	0.001255	0.250381	0.148848	0.384353	11159	
2006	0.19405	0.000645	0.252625	0.158961	0.393719	10858	
2007	0.18796	0.001273	0.264345	0.166591	0.379831	10997	
2008	0.193771	0.000459	0.264241	0.166667	0.374862	10884	
2009	0.187623	0.000269	0.253991	0.17435	0.383767	11150	
2010	0.167299	0.000177	0.270769	0.173038	0.388717	11327	
2011	0.168278	0.000269	0.270498	0.177945	0.383011	11172	
2012	0.169023	0.000365	0.272918	0.176685	0.381009	10963	
2013	0.17351	0.000473	0.268023	0.178808	0.379186	10570	
2014	0.16341	0.000333	0.267373	0.172624	0.396259	18016	
2015	0.156826	0.000428	0.262131	0.180995	0.399621	16343	
2016	0.176604	0.000267	0.249265	0.178877	0.394987	14960	
2017	0.166464	0.00043	0.250269	0.181447	0.401391	13949	
2018	0.168788	0.000218	0.256418	0.183259	0.391317	13751	
2019	0.177222	0.000152	0.252642	0.180947	0.389037	13153	
2020	0.202831	0.00639	0.262609	0.155349	0.372821	24725	
2021	0.195505	0.004805	0.254717	0.169628	0.375344	19979	

E11104 **C** **2** **I**	**Primary Activity of Individual** This variable indicates **whether the individual is working now** **Format:** .C (-1) = N/A - Child .M (-2) = Item Non-response .S (-3) = Survey Non-response

	1 = Working Now 2 = Not Working Now Original survey variables in files shp$$_p_user ($$=1999-2021): gen E11104_y=1 if wstat==1 replace E11104=2 if wstat==2 | wstat==3 replace E11104=1 if E11104==. & ((occupa>=1 & occupa<=3) | (occupa>=5 & occupa<=6)) /* full, part, family business, handicapped = Working Now */ replace E11104=2 if occupa>0 & E11104==. /* Not working now */ replace E11104=-3 if E11104==. & occupa<0 & status==2 /* Survey NR */ replace E11104=-1 if E11104==. & ((occupa==4 | occupa==7) & D11101<16 & status==1) /* Child */ replace E11104=-2 if occupa<0 & E11104==. /* Item NR */

year	Survey_nc	Item_non	Working_	Not_work	TotalFreq
1999	0.000155	7.73E-05	0.523357	0.476411	12930
2000	0.000428	0.002912	0.527361	0.469299	11677
2001	0.00054	0.002519	0.525506	0.471435	11115
2002	0.000629	0.001992	0.525168	0.472211	9536
2003	0.000472	0.002005	0.527899	0.469624	8477
2004	0.000781	0.002628	0.536894	0.459697	14081
2005	0.000896	0.001165	0.542343	0.455596	11159
2006	0.000645	0.000645	0.542826	0.455885	10858
2007	0.000727	0.001273	0.560426	0.437574	10997
2008	0.001286	0.000459	0.561466	0.436788	10884
2009	0.000807	0.000179	0.55704	0.441973	11150
2010	0.000353	0.000177	0.557517	0.441953	11327
2011	0.000537	0.000269	0.556391	0.442803	11172
2012	0.000639	0.000365	0.556964	0.442032	10963
2013	0.000378	0.000473	0.559697	0.439451	10570
2014	0.000666	0.000333	0.545127	0.453874	18016
2015	0.001469	0.000245	0.540843	0.457444	16343
2016	0.00127	0.000201	0.537099	0.46143	14960
2017	0.001004	0.000143	0.537745	0.461108	13949
2018	0.001309	7.27E-05	0.544688	0.453931	13751
2019	0.001901		0.543222	0.454877	13153
2020	0.00368	0.001982	0.540425	0.453913	24725
2021	0.001952	0.001201	0.540918	0.455929	19979

E11105 **C** **1** **I**	**Occupation of individual** This variable indicates the **3-digit ISCO 88 code of the individual's occupation,** if applicable. Original survey variables in files shp$$_p_user ($$=1999-2021): gen E11105_y=is3maj99 if is3maj$$>0 replace E11105=-2 if E11105==. & (is3maj$$==-1 | is3maj$$==-2) /* Item NR */ replace E11105=-3 if E11105==. & status$$==2 /* Survey NR */

replace E11105=-1 if E11105==. /* NA / child */

* IF PROXY:
replace E11105=xis3ma if status==1 & xis3ma>0 & xis3ma !=. & E11105<0

	N	min	mean	p50	max
1999	5012	10	431.3837	347	933
2000	4697	10	427.0573	344	933
2001	4394	10	421.0187	343	933
2002	3795	10	421.3868	343	933
2003	3502	10	415.0742	343	933
2004	5496	10	421.7575	343	933
2005	4502	10	419.7044	343	933
2006	4486	10	423.0138	343	933
2007	4759	10	420.6514	343	933
2008	4726	10	416.6957	343	933
2009	4816	10	414.9163	343	933
2010	5066	10	418.302	343	933
2011	5057	10	413.6702	343	933
2012	4944	10	409.4371	342	933
2013	4770	10	408.343	342	933
2014	7927	10	410.5099	341	933
2015	7235	10	404.4413	341	933
2016	6357	10	401.0261	341	933
2017	6019	10	396.2341	341	933
2018	5990	10	392.8294	341	933
2019	5628	10	389.96	334	933
2020	9356	10	383.5357	334	933
2021	7729	10	383.7336	334	933

E11106C	**1 Digit Industry Code of Individual** This variable indicates the **1-digit NACE industry code (=NOGA) in the industry in which the individual is employed**, if

1 **I**	applicable. **Format:** .C (-1) = N/A - Child .M (-2) = Item Non-response .S (-3) = Survey Non-response 0 = Not Applicable 1 = Agriculture 2 = Energy 3 = Mining 4 = Manufacturing 5 = Construction 6 = Trade 7 = Transport 8 = Bank/Insurance 9 = Services Original survey variables in files shp$$_p_user ($$=1999-2021): gen E11106_y=noga2m$$ if noga2m$$>0 & noga2m$$!=. replace E11106=-2 if E11106==. & noga2m$$==-2 | noga2m$$==-1 /* Item NR */ replace E11106=-3 if E11106==. & status$$==2 /* Survey NR */ replace E11106=-1 if E11106==. /* NA / child */ **Proxy information not available.**

	N	min	mean	p50	max
1999	4204	0	7.120599	8	9
2000	3706	0	7.169725	8	9
2001	3468	0	7.199539	8	9
2002	2942	0	7.287899	9	9
2003	2700	0	7.3	9	9
2004	5030	0	7.266004	9	9
2005	3792	0	7.292985	9	9
2006	3413	0	7.27659	9	9
2007	3204	0	7.299625	9	9
2008	4539	0	7.243225	9	9
2009	4626	0	7.262862	9	9
2010	4776	0	7.197236	9	9
2011	4805	0	7.224974	9	9
2012	4656	0	7.212844	9	9
2013	4579	0	7.256825	9	9
2014	7602	0	7.273481	9	9
2015	6975	0	7.309964	9	9
2016	6151	0	7.362055	9	9
2017	5791	0	7.430841	9	9
2018	5775	0	7.489177	9	9
2019	5424	0	7.496866	9	9
2020	9326	0	7.51973	9	9
2021	7802	0	7.545886	9	9

E11107 **C** **1** **I**	**2 Digit Industry Code of Individual** This variable indicates the **2-digit NACE industry code (=NOGA) in the industry in which the individual is employed**, if applicable. **Format**: .C (-1) = N/A - Child .M (-2) = Item Non-response

	.S (-3) = Survey Non-response 1 = Agriculture, hunting, forestry 2 = Fishing and fish farming 3 = Mining and quarrying 4 = Manufacturing 5 = Electricity, gas and water supply 6 = Construction 7 = Wholesale, retail; repair motor vehicles, household goods 8 = Hotels and restaurants 9 = Transport, storage and communication 10 = Financial intermediation; insurance 11 = Real estate; renting; computer; research 12 = Public administration, national defence; compulsory social security 13 = Education 14 = Health and social work 15 = Other community, social and personal service activities 16 = Private households with employed persons 17 = Extra-territorial organizations and bodies Original survey variables in files shp$$_p_user ($$=1999-2021): gen E11107_y=noga2m$$ if noga2m$$>0 & noga2m$$!=. replace E11107=-2 if E11107==. & noga2m$$==-2 | noga2m$$==-1 /* Item NR */ replace E11107=-3 if E11107==. & status$$==2 /* Survey NR */ replace E11107=-1 if E11107==. /* NA / child */ **Proxy information not available.**

	N	min	mean	p50	max
1999	4204	1	9.312084	10	17
2000	3706	1	9.392067	10	17
2001	3468	1	9.472607	10	17
2002	2942	1	9.623725	10	17
2003	2700	1	9.673333	10	17
2004	5030	1	9.628231	10	17
2005	3792	1	9.647152	10	17
2006	3413	1	9.639027	11	17
2007	3204	1	9.688514	11	17
2008	4539	1	9.71095	11	17
2009	4626	1	9.728923	11	17
2010	4776	1	9.541039	10	17
2011	4805	1	9.59563	11	17
2012	4656	1	9.590421	11	17
2013	4579	1	9.685302	11	17
2014	7602	1	9.697448	11	17
2015	6975	1	9.796846	11	17
2016	6151	1	9.886035	11	17
2017	5791	1	10.00484	11	17
2018	5775	1	10.07307	11	17
2019	5424	1	10.09495	11	17
2020	9326	1	10.11913	11	17
2021	7802	1	10.187	11	17

H11101 – H11110 **C** **1** **I**	**Number of HH members by age groups** These variables indicate the **number of household members in the respective age category living in the household** at the time of the interview. The number is calculated by adding the persons in the age categories, who are recorded for the household. H11101 denotes the mean number of household members 0-14 years old, H11102 those between 15 and 18 years, H11103 those between 0 and 1 years, H11104 those between 2 and 4 years, H11105 those between 5 and 7 years, H11106 those between 8 and 10 years, H11107 those between 11 and 12 years, H11108 those between 13 and 15 years. H11109 includes 16-18 years old who are unmarried or separated, and live with at least one parent. H11110 includes 19+ years old, including 16-18 years old who have at

	least maturity level. Original survey variables in files shp$$_p_user ($$=1999-2021): egen H11101_y=total(D11101<15), by(idhous$$) egen H11102_y=total(D11101>14 & D11101<19), by(idhous$$) egen H11103_y=total(D11101>=0 & D11101<2), by(idhous$$) egen H11104_y=total(D11101>1 & D11101<5), by(idhous$$) egen H11105_y=total(D11101>4 & D11101<8), by(idhous$$) egen H11106_y=total(D11101>7 & D11101<11), by(idhous$$) egen H11107_y=total(D11101>10 & D11101<13), by(idhous$$) egen H11108_y=total(D11101>12 & D11101<16), by(idhous$$) egen H11109_y=total((D11101>15 & D11101<19) & ((civsta$$==1 \| civsta==3) /* */ & (idfath!=. \| idmoth!=.))), by(idhous$$) egen H11110_y=total(D11101>18 | (D11101>15 & D11101<19 & (educat$$>=6 /* */ & educat$$<=10))), by(idhous$$)

	<15years	>14<19yea	>=0<2year	>1<5years	>4<8years	>7<11year	>10<13yea	>12<16yea	>15<19yea	'adults'
1999	0.930162	0.243387	0.099149	0.17355	0.201237	0.20464	0.127069	0.185383	0.178422	2.140681
2000	0.933116	0.245268	0.082213	0.169735	0.212726	0.209814	0.130684	0.188747	0.183951	2.16571
2001	0.9139	0.247143	0.077553	0.17121	0.189744	0.210886	0.135942	0.191003	0.183986	2.174719
2002	0.921456	0.251678	0.076552	0.161808	0.191695	0.213297	0.143666	0.19914	0.186346	2.175336
2003	0.913649	0.254453	0.064528	0.148991	0.188746	0.228619	0.140026	0.208682	0.187802	2.163501
2004	0.828279	0.253178	0.068958	0.133584	0.168738	0.184291	0.130175	0.204389	0.188481	2.172289
2005	0.793261	0.280491	0.054933	0.125997	0.162739	0.182274	0.129044	0.215342	0.2019	2.177166
2006	0.779333	0.265703	0.053417	0.117333	0.15454	0.180052	0.134371	0.199761	0.204273	2.168908
2007	0.737929	0.279985	0.054469	0.107302	0.137674	0.180777	0.122124	0.206875	0.20742	2.177685
2008	0.710125	0.283535	0.043642	0.108232	0.130926	0.169607	0.120544	0.202775	0.214719	2.159684
2009	0.682152	0.272377	0.048072	0.103946	0.124843	0.155785	0.123767	0.192825	0.202601	2.170135
2010	0.657279	0.27739	0.050322	0.103116	0.117419	0.142756	0.119802	0.193785	0.207469	2.180719
2011	0.636681	0.267454	0.051378	0.093537	0.115736	0.135249	0.109918	0.18976	0.206767	2.203634
2012	0.597373	0.258141	0.052449	0.091125	0.107908	0.12825	0.098696	0.180243	0.194837	2.206057
2013	0.587133	0.246736	0.054494	0.095648	0.110123	0.123273	0.095459	0.167644	0.184674	2.201419
2014	0.631494	0.234625	0.060169	0.11129	0.120726	0.140597	0.096692	0.160468	0.175733	2.188943
2015	0.621551	0.226825	0.053417	0.109405	0.121153	0.137062	0.095882	0.154011	0.1761	2.184483
2016	0.595388	0.215307	0.046324	0.107687	0.123195	0.126805	0.093048	0.148797	0.163302	2.180816
2017	0.586279	0.201305	0.052549	0.101943	0.118431	0.120797	0.095562	0.141085	0.152986	2.163022
2018	0.576394	0.194531	0.057014	0.095775	0.116428	0.120355	0.088212	0.140644	0.147553	2.167042
2019	0.568616	0.187334	0.055197	0.092146	0.115867	0.122938	0.083935	0.139664	0.141869	2.169239
2020	0.601294	0.236077	0.054884	0.105683	0.115187	0.123923	0.093064	0.164166	0.177432	2.285339
2021	0.56204	0.221933	0.046048	0.099755	0.108864	0.119225	0.086591	0.149807	0.167826	2.23785

H11112 **C** **1** **I**	**Wife/spouse in household** This variable indicates **presence of a spouse in the household**. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 0 = Not present

1 = Present

gen H11112_y=1 if idspou$$>0
replace H11112=0 if idspou$$==-3

```
Summary for variables: h11112_>=0
     by categories of: year
```

	N	min	mean	p50	max
1999	12930	0	0.523589	1	1
2000	11677	0	0.52051	1	1
2001	11115	0	0.519658	1	1
2002	9536	0	0.51594	1	1
2003	8477	0	0.519287	1	1
2004	14081	0	0.521696	1	1
2005	11159	0	0.517071	1	1
2006	10858	0	0.52459	1	1
2007	10997	0	0.529417	1	1
2008	10884	0	0.535097	1	1
2009	11150	0	0.540987	1	1
2010	11327	0	0.54295	1	1
2011	11172	0	0.544665	1	1
2012	10963	0	0.549029	1	1
2013	10570	0	0.552507	1	1
2014	18016	0	0.555284	1	1
2015	16343	0	0.554611	1	1
2016	14960	0	0.554144	1	1
2017	13949	0	0.549143	1	1
2018	13751	0	0.54396	1	1
2019	13153	0	0.550293	1	1
2020	24725	0	0.554014	1	1
2021	19979	0	0.565594	1	1

I11101 **C** **1** **H**	**Household Pre-Government Income** **Description:** This variable represents the combined income before taxes and government transfers of all individuals in the household 14 years of age and older. **Method:** This variable is the sum of total household income from labour earnings, private transfers, asset income and private pensions. Labour earnings include wages and salary from all employment including primary and secondary jobs, self-employment, plus income from bonuses, overtime and profit-sharing before social security contributions. Private transfers include payments from individuals not living in the household. Asset income includes interest, dividends, and rent. Separate information on private pensions is not available in the SHP, but is of little relevance in Switzerland. This variable is in current Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response **1999–2021 algorithm**: sum of (I11103 + I11104 + I11106)

	N	min	mean	p50	max
1999	12930	0	110066.3	98331	2773829
2000	11677	0	111164.4	102382	1748157
2001	11115	0	114894.6	103600	2237612
2002	9536	0	114486.4	103000	2400000
2003	8477	0	111984.4	104240.5	1365514
2004	14081	0	111645.6	102300	2000000
2005	11159	0	114544.7	105296	2000000
2006	10858	0	115195.5	107050	2760000
2007	10997	0	118203	109569	5000000
2008	10884	0	121550.1	111705	3000000
2009	11150	0	119032.9	112845.5	3049432
2010	11327	0	122781.3	112530	6963107
2011	11172	0	123487.5	115200	6018644
2012	10963	0	123997.4	117735	5503000
2013	10570	0	125796	117159.2	3075812
2014	18016	0	126063	117401	2875100
2015	16343	0	124164	116808	2891936
2016	14960	0	123019.5	115999.5	2660750
2017	13949	0	123365.3	114592	2881730
2018	13751	0	124133.8	115835	2397746
2019	13153	0	128743	116980	19000358
2020	24725	0	137207.3	124870	3020393
2021	19979	0	136638.2	124900	14291030

I11102 **C** **1** **H**	**Household Post-Government Income** **Description:** This variable represents the combined income after taxes and government transfers of all individuals in the household 14 years of age and older. **Method:** This variable is the sum of total household income from labour earnings, private transfers, public transfers, social security pensions, imputed rental value and asset income minus total household taxes.

	Labour earnings include wages and salary from all employment including primary and secondary jobs, self-employment, plus income from bonuses, overtime and profit-sharing. Private transfers include payments from individuals outside of the household. Asset income includes interest, dividends, and rent. Separate information on private pensions is not available in the SHP, but is only of little relevance in Switzerland. Public transfers include child benefits, social assistance, government student assistance, unemployment assistance and transfers from other public institutions (for example of accident insurance or maternity leave). Social security pensions include payments from old age, disability, orphanage and widowhood pension schemes. The tax burdens are simulated and involve social security contributions on labour income (unemployment, old age, accident, disability, health care premiums and direct taxes at the municipal, cantonal and federal level. Health care premiums and taxes are simulated (see variable I11109 for details). Post-government income is missing in wave 1 (1999) for households with at least one retired person, because no information on social security pension was collected in that wave. This variable is in current Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response **2000–2021 algorithm**: sum of (I11103 + I11104 + I11106 + I11107 + I11108 – I11109) (where I11109 = direct taxes + I11112) Equivalent Data File Variable Definitions: I11103 = Household Labour Earnings (net) I11104 = Household Asset Income I11106 = Household Private Transfers I11107 = Household Public Transfers I11108 = Household Social Security Pensions I11109 = Total Household Taxes (direct taxes + I11112) I11112 = Household Social Security Taxes

	N	min	mean	p50	max
2000	11676	0	83899.48	76595.2	1114629
2001	11115	0	87135.51	78165.49	1088604
2002	9536	0	87454.12	77765.23	1245932
2003	8477	0	86539.53	79023.9	852122.6
2004	14081	0	87300.28	79479.3	1045528
2005	11159	0	89319.4	82030.42	1045253
2006	10858	0	91449.69	84427.21	1435927
2007	10997	0	93995.87	85896.4	3051088
2008	10883	0	96176.9	88361.5	1537766
2009	11149	0	96046.9	89057.73	1958838
2010	11327	0	99348.17	89693.2	4277321
2011	11172	0	99609.37	91807.12	3562207
2012	10963	0	99823.27	92896.81	3833021
2013	10570	0	101364.7	92890.64	1619736
2014	18016	0	101474.8	92821.47	1581468
2015	16343	0	100662.1	92449.01	1473704
2016	14960	0	100054.2	91673.62	1377802
2017	13949	0	98436.47	88915.53	1530268
2018	13751	0	99029.1	89942.18	1254332
2019	13153	0	102415.6	90010.86	13051849
2020	24725	0	109882.7	97009.67	1918665
2021	19979	0	108644.1	96407.95	9382862

I11103 **C** **1** **H**	**Household Labour Income** **Description:** This variable represents the combined labour income of all individuals in the household 14 years of age and older. **Method:** Labour earnings include wages and salary from all employment including primary and secondary jobs, self-employment, plus income from bonuses, overtime and profit-sharing. The salary reported is a gross salary before social security contributions (old age, disability, unemployment, accident) as well as compulsory pension plans. While we know whether an individual receives an amount of annual bonuses like profit-sharing, the amount is unknown. It is assumed that the bonus has the size of one monthly salary. Income can be based on different reference periods (e.g. yearly,

	monthly). If annual income is indicated, it is assumed that bonus payments are already included. The SHP does not include separate question on overtime pay. From 1999 to 2001, it was not possible for a person to declare both income from employment and self-employment if applicable. Labour earnings from 1999 to 2001 consist therefore of either income from employment or self-employment. Family allowances are often declared as part of labour income in Switzerland. We can correct labour income for family allowances from 2004 on. From 1999 to 2003, labour earnings may or may not include family allowances. This variable is in current Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response **1999–2021 Algorithm:** sum of I11110_$$ over all individuals in the household

	N	min	mean	p50	max
1999	12930	0	105245.1	95601	2400000
2000	11677	0	105712.5	99400	1097520
2001	11115	0	107085.3	100940	2237612
2002	9536	0	108926	100929	2400000
2003	8477	0	107142.4	101698	1104972
2004	14081	0	107066.7	100291	2000000
2005	11159	0	108527.7	102236	2000000
2006	10858	0	108596.4	102759	2640000
2007	10997	0	111228.5	105440	3000000
2008	10884	0	114183	107128	3000000
2009	11150	0	112791.6	108500	2000000
2010	11327	0	112971.6	109132	849259
2011	11172	0	116480	111825.5	2000000
2012	10963	0	116644	113012	2487861
2013	10570	0	118833.9	112716	3074812
2014	18016	0	116961.4	111200	2674334
2015	16343	0	115387.4	110000	2873923
2016	14960	0	114310.2	109261	2648050
2017	13949	0	113519.2	108338	2881530
2018	13751	0	114186.7	109202	2397546
2019	13153	0	115927.7	110500	2834207
2020	24725	0	126136.3	118679	2964800
2021	19979	0	123601.6	117781	2847043

I11104
C
2
H

Household Asset Income

Description: This variable represents the combined asset income of all household members.

Method:

Asset flows include income from interests, dividends, private retirement income (3rd pillar) and rental income.

There is no specific question in the SHP on asset income, but a question on "other income" sources, where asset income as "3rd pillar, inheritance, income from capital, income from fortune, letting, sub-letting" are explicitly mentioned as examples by the interviewer (reported in the SHP as i$$osy). We generally consider income from other sources as asset income. Only if "other income" consists of a unique amount it is considered as windfall income.

	For individuals with survey non-response, 0 asset income is assumed. This variable is in current Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response **1999–2013 Algorithm:** I11104_$$ = sum of iXXosy over all individuals in the household with p$$i35 ≠3 (other income not a unique amount, or if p$$i35=3 similar amount indicated in other waves) and no other such transfers in other waves **2014-2021 Algorithm** I11104_$$ = sum of iXXcapy, iXXrenty, iXXothy over all individuals in the household. If one of these components are unique amounts (p$$i35, p$$i172 or p$$i163 = 3 and no similar amount indicated in other waves), these unique amounts are not included in asset income but considered as windfall income.

	N	min	mean	p50	max
1999	12930	0	3126.374	0	1636666
2000	11677	0	3347.552	0	1560000
2001	11115	0	4827.474	0	1280436
2002	9536	0	3863.783	0	1000000
2003	8477	0	3203.257	0	1221968
2004	14081	0	2704.805	0	1028622
2005	11159	0	4232.494	0	960000
2006	10858	0	4736.219	0	841016
2007	10997	0	5236.394	0	5000000
2008	10884	0	5564.97	0	2020400
2009	11150	0	4685.436	0	3049432
2010	11327	0	8150.401	0	6963107
2011	11172	0	5354.947	0	5948644
2012	10963	0	5142.933	0	5500000
2013	10570	0	4990.738	0	499568
2014	18016	0	7387.495	0	2168617
2015	16343	0	6929.686	0	687864
2016	14960	0	6976.913	0	1500000
2017	13949	0	7924.807	0	1219223
2018	13751	0	8150.284	0	1140874
2019	13153	0	7954.303	0	1100000
2020	24725	0	9191.937	0	1078641
2021	19979	0	11201.19	0	14291030

I11105 **C** **2** **H**	**Household Imputed Rental Value** **Description:** This variable represents the imputed rental value of owner occupied housing. **Method:** The Imputed Rent (IR) information is based on the Opportunity Cost Approach. After generating a hypothetical market rent for owner-occupiers, all owner-related costs are deducted. These costs include operating and maintenance costs, interest payments on mortgages, as well as property taxes. For the estimation of imputed rent, the following steps have been taken. First, we estimate an OLS regression on the logarithm of rents actually paid by tenants not living in subsidized dwellings. Independent variables include household and regional

	characteristics. At the household level, we use information on the duration of residence, the number of rooms, conditions of the accommodation, bad heating, noise, pollution, vandalism, retired person in the house, household income, assessment of expenditures and income, as well as satisfaction with the accommodation. Regional characteristics taken into account are cantons (quartiles according to rent level), municipality type (quartiles according to rent level), municipality tax level, residential and agricultural surface coverage of the municipality, and the share of empty apartments in the municipality. Second, the model to estimate rents paid by tenants is applied to house owners and tenants in subsidized housing. Third, owner related costs (as reported in the household questionnaire) are deducted from these predicted rents. For households, whose costs are higher than estimated rent, the imputed rent is set to 0 in order to prevent negative values of imputed rent. The opportunity cost approach is well suited for Switzerland because the share of house owners is relatively low (ca 35 percent). The procedure is described in detail in SHP Working Paper 04_10 (see www.swisspanel.ch) **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response

	N	min	mean	p50	max
1999	12930	0	1480.194	0	37131.27
2000	11677	0	1287.325	0	28873.37
2001	11115	0	1121.388	0	26160.45
2002	9536	0	1335.696	0	46029.26
2003	8477	0	1487.002	0	34440.18
2004	14081	0	1456.985	0	37140.63
2005	11159	0	1687.143	0	29669.35
2006	10858	0	1702.514	0	30914.31
2007	10997	0	1885.119	0	29113.18
2008	10884	0	1737.323	0	31329.56
2009	11150	0	1770.078	0	29898.11
2010	11327	0	2105.698	0	35082.69
2011	11172	0	2152.696	0	38002.47
2012	10963	0	2344.444	0	33093.04
2013	10570	0	2730.718	0	84344.22
2014	18016	0	2694.944	0	36481.88
2015	16343	0	2870.38	0	38708.74
2016	14960	0	2947.328	0	40573.28
2017	13949	0	3119.39	0	48212.06
2018	13751	0	3216.456	0	34061.15
2019	13153	0	3150.407	0	32450.9
2020	24725	0	3446.461	0	39883.88
2021	19979	0	3756.794	0	44569.15

I11106 **C** **1** **H**	**Household Private Transfers** **Description:** This variable represents the combined private transfer incomes of all individuals in the household 14 years of age and older. **Method:** Private transfers consist of income received from persons not living in the interviewed household. The bulk of transfer is likely to consist of alimony and child support payments.

	The following income sources of the SHP are considered as private transfers: - Transfers received from persons not living in the household if they constitute a regular income source. If such a payment is a unique amount, we consider it as a gift and therefore as windfall income. From 1999 to 2001, private transfers may also include transfers from persons within the household, because it is not possible to distinguish between transfers from private persons not living in the household and within the household (about one third of the total amount of private transfers declared between 1999 and 2001 is likely to consist of transfers within the household). - Student grants if they represent a unique amount. (Student assistance on a regular basis is considered as a public transfer, as ordinary public grants are paid as monthly amounts). Information on student grants is collected from 2002 on. - Income from other institutions if it represents a unique amount. (Income from other institutions on a regular basis is considered as a public transfer). Information on income from other institutions is collected from 2002 on. For individuals with survey non-response, 0 private transfers are assumed. This variable is in current Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 1999–2001 algorithm: I11106 = sum of (iXXstfy) over all individuals in the household 2002–2021 algorithm: I11106 = sum of (iXXpnhy + iXXgray + iXXinsy) over all individuals in the household where iXXpnhy = 0 if transfer is unique amount (p$$i142= 3 and no other such transfers in other waves) iXXgray = 0 if transfer is regular (p$$i122≠3) iXXinsy = 0 if transfer is regular (p$$i132≠ 3)

	N	min	mean	p50	max
1999	12930	0	1694.864	0	150000
2000	11677	0	2104.407	0	338778
2001	11115	0	2981.875	0	1000000
2002	9536	0	1696.597	0	200000
2003	8477	0	1638.703	0	170000
2004	14081	0	1874.114	0	600000
2005	11159	0	1784.512	0	500000
2006	10858	0	1862.818	0	150000
2007	10997	0	1738.081	0	150000
2008	10884	0	1802.117	0	400000
2009	11150	0	1555.902	0	220000
2010	11327	0	1659.348	0	300237
2011	11172	0	1652.553	0	200000
2012	10963	0	2210.496	0	1328279
2013	10570	0	1971.402	0	350000
2014	18016	0	1714.129	0	512000
2015	16343	0	1846.942	0	650000
2016	14960	0	1732.437	0	300000
2017	13949	0	1921.332	0	400000
2018	13751	0	1796.85	0	327600
2019	13153	0	4860.972	0	19000000
2020	24725	0	1879.076	0	900000
2021	19979	0	1835.416	0	420000

I11107 **C** **1** **H**	**Household Public Transfers** **Description:** This variable represents the combined public transfers of all individuals in the household 14 years of age and older. **Method:** Public transfers include child benefits, subsistence assistance from the Social Welfare Authority, government student assistance, unemployment assistance, family allowances and transfers from other public institutions. Transfers from other public institutions include for example accident insurance or maternity leave. Income from other institutions are considered as public transfers if they

	are received regularly. Grants for education are only considered as public transfers if they are received on a monthly or yearly basis, as grants on a regular basis from private institutions are the exception in Switzerland. From 2002 on, income components of public transfers have been collected separately. From 1999 to 2001, income from public transfer was collected with a single question. This change in the questionnaire induces an increase of the average amount of public transfers received. Information on family allowances is only available from 2004 onwards. On the one hand, this causes an increase of the number of recipients of public transfers between 2003 and 2004, because all employed or self-employed parents are entitled to public transfers. On the other, the average amount of public transfer received decreases, because family allowances are generally lower than other sources of public transfers. This variable is in current Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 1999–2001 algorithm: I11107 = sum of (iXXstpy) over all individuals in the household 2002–2003 algorithm: I11107 = sum of (iXXuney + iXXwely + iXXgray + iXXinsy) over all individuals in the household where iXXgray = 0 if p$$i122 = 3 (unique amount) iXXinsy = 0 if p$$132 = 3 (unique amount) 2004–2021 algorithm: I11107 = sum of (iXXuney + iXXwely + iXXgray + iXXinsy + iXXfamy) over all individuals in the household + iXXi76a where iXXgray = 0 if p$$i122 = 3 (unique amount) iXXinsy = 0 if p$$i132 = 3 (unique amount)

	N	min	mean	p50	max
1999	12930	0	1841.52	0	960000
2000	11677	0	1178.715	0	200000
2001	11115	0	929.9695	0	175000
2002	9536	0	1152.642	0	64800
2003	8477	0	1752.508	0	140000
2004	14081	0	3297.088	0	163740
2005	11159	0	2949.828	0	110040
2006	10858	0	3348.399	0	96000
2007	10997	0	3115.817	0	74619
2008	10884	0	3099.901	0	85000
2009	11150	0	3513.751	0	106080
2010	11327	0	4001.491	0	102580
2011	11172	0	3859.89	0	306000
2012	10963	0	3529.948	0	102112
2013	10570	0	3776.988	0	162400
2014	18016	0	4113.466	0	120000
2015	16343	0	3964.49	0	366800
2016	14960	0	3888.953	0	100000
2017	13949	0	4053.383	0	381700
2018	13751	0	4170.046	0	127100
2019	13153	0	3867.585	0	207973
2020	24725	0	5327.945	0	407100
2021	19979	0	4857.815	0	218250

I11108 **C** **1** **H**	**Household Social Security Pensions** **Description:** This variable represents the combined social security pensions of all individuals in the household 14 years of age and older. **Method:** Social security pensions are the sum of old age social insurance, disability insurance and pension plans. Lump sum payouts from pension plans are considered as windfall income and are therefore not included. One-off payments in pension plans are considered as lump sum payouts if they are higher than 20’000 CHF.

	This variable is not available in wave 1 (1999), as individuals were not asked about social security pensions. This variable is in current Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 2000–2001 algorithm: I11108 = sum of (iXXavsy) over all individuals in the household 2002–2021 algorithm: I11108 = sum of (iXXoasiy + iXXaiy + iXXpeny) over all individuals in the household where iXXpeny = 0 if p$$i92 = 3 (unique amount)

	N	min	mean	p50	max
2000	11677	0	7831.262	0	347763
2001	11115	0	8424.749	0	327000
2002	9536	0	9885.636	0	478000
2003	8477	0	10377.24	0	272473
2004	14081	0	10466.28	0	425484
2005	11159	0	10943.71	0	324952
2006	10858	0	12104.94	0	946203
2007	10997	0	12874.73	0	315068
2008	10884	0	13295	0	350000
2009	11150	0	14600.88	0	328000
2010	11327	0	15396.58	0	753179
2011	11172	0	16070.75	0	500000
2012	10963	0	16266	0	320000
2013	10570	0	17184.55	0	825490
2014	18016	0	16958.97	0	1095239
2015	16343	0	18079.59	0	442990
2016	14960	0	18874.22	0	444400
2017	13949	0	19098.75	0	353400
2018	13751	0	19276.85	0	337649
2019	13153	0	19829.47	0	545869
2020	24725	0	19582.84	0	828400
2021	19979	0	20660.77	0	1190400

I11109 **C** **1** **H**	**Total Household Taxes** **Description:** This variable includes income and asset taxes on the municipal, cantonal and federal level as well as payroll taxes (unemployment, accident, sickness and retirement insurance) and health insurance premiums of all individuals in the household. **Method:** Taxes are simulated at the basis of taxable units (individuals or married couples). Direct taxes include taxes at the federal, cantonal and municipal level as well as taxes for the Catholic or Protestant church if applicable. Note that tax systems vary strongly between cantons and tax levels vary between municipalities.

	Several deductions (children, double-income of married couples, payments for children not in household, support for elderly or handicapped) are taken account of according to cantonal legislation. (For details see the data documentation on www.swisspanel.ch, Workingpaper 4_09). Payroll taxes include social security taxes (unemployment, invalidity, old age, accident), as described for variable i11112. Compulsory health care premiums have been simulated at the basis of mean premiums by canton, year and age group (children, adolescents, adults). The minimum franchise option is assumed due to data availability. Although premiums do not depend on income levels, individuals with low income receive state subsidies for health care insurance, which have been simulated at the basis of the share of the population receiving subsidies by canton, mean amount of subsidies by canton and income level of household. Households are attributed to four groups according to equivalised income: firstly subsidised and non-subsidised households are distinguished and secondly subsidised household are attributed to tertiles. The lowest group is assumed to receive 75% of the mean subsidy, the second group receives mean subsidy, the third group 25% of the mean subsidy and the fourth group no subsidy. This variable is not available in wave 1 (1999), as individuals were not asked about social security pensions. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 2000–2021 algorithm: I11109 = simulated taxes + sum of (i1112XX) over all individuals in the household

	N	min	mean	p50	max
2000	11676	0	36284.44	30327.12	669344.6
2001	11115	0	37113.84	30448.16	1149008
2002	9536	0	38070.58	30962.57	1154068
2003	8477	0	37574.63	31555	513391.4
2004	14081	0	38108.69	31963.16	954471.8
2005	11159	0	39118.86	32574.2	954747.1
2006	10858	0	39199.12	32554.57	1324073
2007	10997	0	40197.71	32912.86	2068912
2008	10883	0	41779.19	34236.4	1462234
2009	11149	0	41112.52	34917.28	1155384
2010	11327	0	42831.21	35498.41	2743378
2011	11172	0	43808.77	36986.61	2456437
2012	10963	0	43970.12	37590.6	1669979
2013	10570	0	45392.81	37551.31	1457876
2014	18016	0	45660.73	38201.82	1330850
2015	16343	0	45546.03	38175.76	1418232
2016	14960	0	45728.53	37856.89	1292248
2017	13949	0	48080.97	40284	1383262
2018	13751	0	48551.64	40657.23	1146215
2019	13153	0	50024.4	41355.02	6011211
2020	24725	0	52235.47	43408.95	1362640
2021	19979	0	53512.68	44720.04	5002525

I11110 **C** **1** **H**	**Individual Labour Earnings** **Description:** This variable represents the labour income of all individuals in the household 14 of age and older. **Method:** Labour earnings include wages and salary from all employment including primary and secondary jobs, self-employment, plus income from bonuses, overtime and profit-sharing. The salary reported is a gross salary before deduction of payroll taxes for insurances (old age, invalidity, unemployment, accidents) as well as compulsory pension plans).

	While we know whether an individual receives an amount of annual bonuses like profit-sharing, the amount is unknown. It is assumed that the bonus has the size of one monthly salary. Income can be based on different reference periods (e.g. yearly, monthly). If annual income is indicated it is assumed that bonus payments are already included. From 1999 to 2001, it was not possible to declare both income from employment and self-employment if applicable. Labour earnings consist therefore of either income from employment or self-employment from 1999 to 2001. Family allowances are often declared as part of labour income in Switzerland. We can correct labour income for family allowances from 2004 on. From 1999 to 2003, labour earnings might or might not include family allowances. For unit non-response, labour income has been imputed at the basis of information of the household-grid questionnaire. This variable is in current Swiss Francs. 1999–2001 algorithm: I11110 = iXXwyg_c where iXXwyg_c= iXXwyg if pXXi14 = 1 iXXwyg_c=iXXwyn + social security contributions if pXXi54 ≠1 2002–2021 algorithm: I11110 = iXXempyg_c + iXXindyg_c where iXXempyg_c= iXXempyg if pXXi54 = 1 iXXempyg_c=iXXempyn + social security contributions if pXXi54 ≠1 where iXXindyg_c= iXXindyg if pXXi64 = 1 iXXindyg_c=iXXindyn + social security contributions if pXXi64 ≠1 **Format:** (-2) = Item non-response (-3) = Survey non-response

	N	min	mean	p50	max
1999	12930	0	35240.64	10400	2400000
2000	11677	0	34597.25	6020	912000
2001	11115	0	35219.3	5296	2121731
2002	9536	0	35696.05	6561	2400000
2003	8477	0	35074.52	6543	1104972
2004	14081	0	35775.64	8000	2000000
2005	11159	0	36129.37	7613	2000000
2006	10858	0	36292.13	7178	2640000
2007	10997	0	37257.83	9600	3000000
2008	10884	0	38489.11	9897.5	3000000
2009	11150	0	38258.27	9757.5	2000000
2010	11327	0	38392.42	9897	724000
2011	11172	0	39231.05	10500	2000000
2012	10963	0	39521.85	10800	2378550
2013	10570	0	40688.2	11108.5	2975017
2014	18016	0	39687.89	10327	2600000
2015	16343	0	39288.2	9264	2775702
2016	14960	0	39198.09	8499	2569238
2017	13949	0	39278.35	9153	2783404
2018	13751	0	39953.86	10127	2338346
2019	13153	0	40555.78	10904	2775007
2020	24725	0	41762.42	10800	2792800
2021	19979	0	41805.12	11200	2795043

I11111 **C** **1** **H**	**Household Federal Taxes** **Description:** This variable includes federal income taxes of all individuals in the household 14 years of age and older. **Method:** This variable is not available in the SHP. Only about 25% of direct taxes refer to federal taxes, 75% are directly issued to cantons and communities.

I11112 **C** **1** **H**	**Household Social Security Taxes** **Description:** This variable includes the social security (payroll) taxes by all household individuals in the household 14 years of age and older. **Method:** Social security taxes (e.g. unemployment, retirement, accident and invalidity insurance taxes) have been simulated. While some social security contributions are clearly defined according to age, employment–type (not employed, employed or self-employed) and income level (unemployment insurance, 1st pillar retirement and disability pension), others are determined by the company and position in the company (second pillar pension plan, accident insurance, sickness pay). Here we apply average contributions. No algorithms are provided for social security contributions here (please contact the SHP-Team for details). This variable is in current Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response

	N	min	mean	p50	max
1999	12930	0	19747.97	19120.85	235606.6
2000	11677	0	20489.47	19966.32	152396.1
2001	11115	0	21082.94	20671.25	346160.3
2002	9536	0	21814.78	21284.9	237469.8
2003	8477	0	21981.08	21550.36	113464.8
2004	14081	0	22026.1	21442.67	213488.5
2005	11159	0	22588.14	22271.33	198284.1
2006	10858	0	22376.45	21942.15	275157.2
2007	10997	0	22816.54	22405	293761
2008	10884	0	23860.88	23394.03	368858.4
2009	11150	0	23919.16	23699.47	254380.4
2010	11327	0	24570.61	24353.18	121099.3
2011	11172	0	25968.18	25623.88	302763.2
2012	10963	0	26258.82	26120.78	388647.3
2013	10570	0	26888.44	26089.62	482460.9
2014	18016	0	26831.49	26388.6	430394.1
2015	16343	0	27031.17	26614.84	464257.7
2016	14960	0	27268.43	26817.95	429624
2017	13949	0	27586.63	27166.84	460410.6
2018	13751	0	28173.61	27606.63	389240.5
2019	13153	0	28455.71	27916.54	458740.6
2020	24725	0	30534.85	29868.83	471381.2
2021	19979	0	30706	30576.57	458362.8

I11117 **C** **1** **H**	**Household Private Retirement Income** **Description:** **Method:** This variable is not available in the SHP.

I11118	**Household Windfall Income**

C **1** **H**	**Description:** This variable represents the amount of total household windfall income of all individuals in the household 14 years of age and older. **Method:** Windfall income consists of one-time transfers, winnings, inheritance and gifts of money or items. It is not asked directly in the SHP. We consider as windfall income one-time income from other sources, from private transfers and from social security pensions (lump sum pension payout). We consider a unique amount from this retirement income as a lump sum pension payout if this amount exceeds 20'000 CHF. Information on lump-sum payout for pensions is not available from 1999 to 2001. This variable is in current year Swiss Francs. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 1999–2001 algorithm: I11118 = sum of (iXXstfy + iXXosy) over all individuals in the household where iXXstfy= 0 if pXXi31 = 3 & no other transfer in other waves iXXosy= 0 if pXXi35 = 3 & no other income in other waves 2002–2013algorithm: I11118 = sum of (iXXpeny + iXXpnhy + iXXosy) over all individuals in the household where iXXpeny= 0 if pXXi22 = 3 & no other pension income in other waves iXXpnhy= 0 if pXXi42 = 3 & no other transfer in other waves iXXosy= 0 if pXXi35 = 3 & no other income in other waves 2014-2021 algorithm I11118 = sum of (iXXpeny + iXXpnhy + iXXcapy + iXXrenty + iXXothy) over all individuals in the household where iXXpeny= 0 if pXXi22 = 3 & no other similar pension income in other waves iXXpnhy= 0 if pXXi42 = 3 & no other similar transfer in other waves iXXcapy= 0 if pXXi172 = 3 & no other similar capital income other waves iXXrenty= 0 if pXXi163 = 3 & no other similar rental income other waves iXXothy= 0 if pXXi35 = 3 & no other similar income in other waves

	N	min	mean	p50	max
1999	12930	0	902.1759	0	350000
2000	11677	0	1947.699	0	1550500
2001	11115	0	1997.409	0	1000000
2002	9536	0	6702.2	0	10000000
2003	8477	0	4162.281	0	1000000
2004	14081	0	4980.627	0	984000
2005	11159	0	5045.112	0	2000000
2006	10858	0	6061.018	0	1200000
2007	10997	0	7360.516	0	5000000
2008	10884	0	5519.906	0	1500000
2009	11150	0	5915.946	0	2303000
2010	11327	0	6660.875	0	1000000
2011	11172	0	10678.29	0	6000000
2012	10963	0	8447.368	0	5000000
2013	10570	0	6344.976	0	3200000
2014	18016	0	8546.32	0	2500000
2015	16343	0	9667.172	0	3000000
2016	14960	0	10867.93	0	8000000
2017	13949	0	8929.457	0	2100000
2018	13751	0	10176.85	0	10000000
2019	13153	0	10441.5	0	2000000
2020	24725	0	12975	0	15000000
2021	19979	0	12411.35	0	7000000

I11201 **C** **1** **H**	**Impute Household Pre-Government Income** **Description:** This variable indicates whether pre-government income of one or more household members is imputed. **Method:** If any component of household pre-government income is imputed due to either item non-response or unit non-response, then the value of household pre-government income is considered as imputed, even if most income components have been indicated by the respondent. Different imputation methods are used for the different components of pre-government income.

Format:
0 = Not imputed
1 = Imputation due to item-nonresponse in at least one income component
2 = Imputation due to unit-nonresponse of at least one individual in the household

year	Not_impu	Imputed_item	Imputed_unit	TotalFreq
1999	0.454834	0.200464037	0.344702243	12930
2000	0.544318	0.147298107	0.308384003	11677
2001	0.591543	0.085380117	0.323076923	11115
2002	0.593855	0.108011745	0.298133389	9536
2003	0.63053	0.083991978	0.285478353	8477
2004	0.551026	0.109225197	0.339748597	14081
2005	0.576217	0.083968097	0.339815396	11159
2006	0.598821	0.091545404	0.30963345	10858
2007	0.600346	0.092206966	0.307447486	10997
2008	0.609151	0.092245498	0.298603455	10884
2009	0.622063	0.077488789	0.30044843	11150
2010	0.660281	0.075306789	0.264412466	11327
2011	0.661475	0.084407447	0.254117436	11172
2012	0.665238	0.082094317	0.252668065	10963
2013	0.661306	0.080605487	0.258088931	10570
2014	0.567662	0.193494671	0.23884325	18016
2015	0.579208	0.197699321	0.223092455	16343
2016	0.57861	0.17526738	0.246122995	14960
2017	0.58126	0.180658112	0.238081583	13949
2018	0.579158	0.180205076	0.240637045	13751
2019	0.599483	0.148787349	0.251729643	13153
2020	0.499171	0.228230536	0.272598584	24725
2021	0.515041	0.220431453	0.264527754	19979

I11202 **C** **1** **H**	**Impute Household Post-Government Income** **Description:** This variable indicates whether post-government income of one or more household members is imputed. **Method:** If any component of household post-government income is imputed due to either item non-response or unit non-response, then the value of household post-government income is considered as imputed, even if most income components have been indicated by the respondent. Different imputation methods are used for the different components of post-government income. In 1999 (wave 1) post-government income could not be imputed for households with at least one retired person, as no information on social security pension is available in 1999. **Format:** 0 = Not imputed 1 = Imputation due to item-nonresponse in at least one income component 2 = Imputation due to unit-nonresponse of at least one individual in the household

year	Not_imputed	Imputed_item	Imputed_unit	TotalFreq
1999	1			12930
2000	0.474180012	0.17667209	0.349147898	11677
2001	0.529554656	0.105173189	0.365272155	11115
2002	0.527999161	0.125314597	0.346686242	9536
2003	0.557980418	0.105343872	0.336675711	8477
2004	0.449470918	0.14437895	0.406150131	14081
2005	0.486602742	0.119813603	0.393583654	11159
2006	0.508657211	0.136120833	0.355221956	10858
2007	0.510048195	0.132854415	0.35709739	10997
2008	0.517640573	0.133866226	0.348493201	10884
2009	0.529327354	0.11470852	0.355964126	11150
2010	0.569524146	0.111768341	0.318707513	11327
2011	0.565431436	0.124776226	0.309792338	11172
2012	0.567819028	0.122046885	0.310134087	10963
2013	0.55884579	0.125354778	0.315799432	10570
2014	0.487733126	0.215530639	0.296736234	18016
2015	0.493972955	0.224438598	0.281588448	16343
2016	0.49131016	0.201871658	0.306818182	14960
2017	0.487705212	0.213850455	0.298444333	13949
2018	0.485128354	0.214238964	0.300632681	13751
2019	0.501862693	0.183684331	0.314452977	13153
2020	0.402790698	0.261961577	0.335247725	24725
2021	0.416337154	0.254317033	0.329345813	19979

I11203 **C** **1** **H**	**Impute Household Labour Income** **Description:** This variable indicates whether labour income of one or more household members is imputed. **Method:** If any component of household labour income is imputed due to either item non-response or unit non-response, then the value of household labour income is considered as imputed. A component is considered as item non-response if the value of the original SHP variable is any of the following: doesn't know, no answer, original value was deleted because it was found to be implausible, filter error.

In case of partial unit non-response, a value for income from employment is imputed if an individual with unit non-response is active in the labour market according to information from the household grid.
The imputation method used is the longitudinal imputation method developed by Little and Su distinguished by education groups.

Format:
0 = Not imputed
1 = Imputation due to item-nonresponse in at least one income component
2 = Imputation due to unit-nonresponse of at least one individual in the household

year	Not_impu	Imputed_item	Imputed_unit	TotalFreq
1999	0.480974	0.174323279	0.344702243	12930
2000	0.579858	0.111758157	0.308384003	11677
2001	0.613315	0.063607737	0.323076923	11115
2002	0.60906	0.092806208	0.298133389	9536
2003	0.648932	0.065589241	0.285478353	8477
2004	0.571479	0.088772104	0.339748597	14081
2005	0.597455	0.062729635	0.339815396	11159
2006	0.61853	0.071836434	0.30963345	10858
2007	0.626262	0.066290807	0.307447486	10997
2008	0.630375	0.071021683	0.298603455	10884
2009	0.639193	0.060358744	0.30044843	11150
2010	0.67626	0.059327271	0.264412466	11327
2011	0.683226	0.062656642	0.254117436	11172
2012	0.687677	0.059655204	0.252668065	10963
2013	0.684011	0.057899716	0.258088931	10570
2014	0.691718	0.069438277	0.23884325	18016
2015	0.698892	0.078015052	0.223092455	16343
2016	0.689906	0.063970588	0.246122995	14960
2017	0.694817	0.067101584	0.238081583	13949
2018	0.694568	0.064940732	0.240491601	13751
2019	0.690717	0.05755341	0.251729643	13153
2020	0.609545	0.1180182	0.272436805	24725
2021	0.621252	0.114219931	0.264527754	19979

I11204 **C** **1** **H**	**Impute Household Asset Income** **Description:** This variable indicates whether asset income of one or more household members is imputed. **Method:** Asset income is imputed if there is an item non-response of any household member. The variable (i$$osy) is considered as item non-response if the original SHP variable is any of the following: doesn't know, no answer, original value was deleted because it was found to be implausible or filter error. Since 2015, capital income is collected with three different income components. The share of imputed households (at least one imputation) is thus higher since 2015. No values are imputed for unit non-response. The imputation method used is the longitudinal imputation method developed by Little and Su. **Format:** 0 = Not imputed 1 = Imputation item-nonresponse

year	Not_impu	Imputed_iter	TotalFreq
1999	0.972467	0.027532869	12930
2000	0.964803	0.035197397	11677
2001	0.982456	0.01754386	11115
2002	0.982068	0.017932047	9536
2003	0.975817	0.024183084	8477
2004	0.976777	0.023222782	14081
2005	0.97455	0.025450309	11159
2006	0.979186	0.020814146	10858
2007	0.971901	0.028098572	10997
2008	0.976479	0.023520764	10884
2009	0.979641	0.020358744	11150
2010	0.974927	0.025072835	11327
2011	0.970372	0.029627641	11172
2012	0.971358	0.028641795	10963
2013	0.970861	0.029139073	10570
2014	0.834092	0.165908082	18016
2015	0.841584	0.158416447	16343
2016	0.850201	0.149799465	14960
2017	0.84558	0.154419672	13949
2018	0.842339	0.157661261	13751
2019	0.875238	0.124762412	13153
2020	0.826491	0.173508595	24725
2021	0.830072	0.169928425	19979

I11205 **C** **1** **H**	**Impute Household Imputed Rental Value** **Description:** This variable indicates whether input variables needed to calculate household equity were imputed. **Method:** This variable is not available in the SHP.

I11206	**Impute Household Private Transfers**

C **1** **H**	**Description:** This variable indicates whether the value of household private transfers is imputed. **Method:** Income from private transfers is imputed if an item non-response is present. A component is considered as item non-response if the value of the original SHP variable is any of the following: doesn't know, no answer, original value was deleted because it was found to be implausible, filter error. No values are imputed for unit non-response. No values are imputed for waves 1 to 3 (1999-2001), because there was no separation between transfers within household and transfer from persons outside of the household. The imputation method used is the longitudinal imputation method developed by Little and Su differentiated by education groups. **Format:** 0 = Not imputed 1 = Imputation item-nonresponse

year	Not_impu	Imputed_item	TotalFreq	
1999	0.97123	0.028770302	12930	
2000	0.95701	0.042990494	11677	
2001	0.980927	0.019073324	11115	
2002	0.98794	0.012059564	9536	
2003	0.99363	0.006370178	8477	
2004	0.978411	0.021589376	14081	
2005	0.982256	0.017743525	11159	
2006	0.983422	0.016577639	10858	
2007	0.985542	0.014458489	10997	
2008	0.98484	0.015159868	10884	
2009	0.993004	0.006995516	11150	
2010	0.991966	0.008033901	11327	
2011	0.990333	0.009667025	11172	
2012	0.990787	0.009212807	10963	
2013	0.990066	0.009933775	10570	
2014	0.991119	0.008880995	18016	
2015	0.9866	0.013400233	16343	
2016	0.987968	0.012032086	14960	
2017	0.9881	0.011900495	13949	
2018	0.989455	0.010544688	13751	
2019	0.99042	0.009579564	13153	
2020	0.9636	0.036238625	24725	
2021	0.966114	0.03388558	19979	

I11207 **C** **1** **H**	**Impute Household Public Transfers** **Description:** This variable indicates whether the value of household public transfers is imputed. **Method:** If any component of household public transfers is imputed due to either item non-response or unit non-response, then the value of household labour income is considered as imputed. A component is considered as item non-response if the value of the original SHP data of any individual in a household is any of the following: doesn't know, no answer, original value was deleted because it was found to be implausible, filter error.

	In case of partial unit non-response, a value for unemployment benefit is imputed if any individual with unit non-response is unemployed according to information from the household grid. A value for social assistance is imputed if any individual with unit non-response is potentially entitled to receive social welfare (equivalised household income lower than 50% of the Swiss median income and occupation status is either employed 1 to 4 hours a week, at home or in other situation). The components of household public transfers are imputed with the Little and Su method with the exception of family allowances which were imputed using the carry-over method. **Format:** 0 = Not imputed 1 = Imputation item-nonresponse in at least one income component 2 = Imputation unit-nonresponse of at least one individual in the household

year	Not_impu	Imputed_item	Imputed_unit	TotalFreq
1999	0.97734	0.02266048		12930
2000	0.97782	0.022180355		11677
2001	0.988754	0.011246064		11115
2002	0.986892	0.009647651	0.00346057	9536
2003	0.975581	0.016043412	0.008375605	8477
2004	0.943754	0.039343797	0.016902209	14081
2005	0.954207	0.032350569	0.013442065	11159
2006	0.943728	0.046969976	0.009301897	10858
2007	0.937528	0.055651541	0.006820042	10997
2008	0.953602	0.038680632	0.007717751	10884
2009	0.954798	0.039730942	0.005470852	11150
2010	0.957977	0.036373267	0.005650216	11327
2011	0.960168	0.031954887	0.007876835	11172
2012	0.962054	0.030374897	0.00757092	10963
2013	0.961779	0.03103122	0.007190161	10570
2014	0.96048	0.031527531	0.007992895	18016
2015	0.954292	0.038609802	0.00709784	16343
2016	0.95254	0.039639037	0.007820856	14960
2017	0.956556	0.035916553	0.007527421	13949
2018	0.954694	0.038033598	0.007272198	13751
2019	0.96191	0.031779822	0.006310347	13153
2020	0.899009	0.088129424	0.012861476	24725
2021	0.919015	0.071124681	0.009860353	19979

I11208 **C** **1** **H**	**Impute Household Social Security Pensions** **Description:** This variable indicates whether the value of household social security pensions is imputed. **Method:** If any component of household social security pensions is imputed due to either item non-response or unit non-response, then the value of household social security pensions is considered as imputed. A component is considered as item non-response if the value of the original SHP data of any individual in a household is any of the following: doesn't know, no answer, original value was deleted because it was found to be implausible, filter error.

	In case of partial unit non-response, a value for social security pension is imputed if an individual with unit non-response is retired (old age, invalidity or other reasons) according to information from the household grid. Different imputation methods are used for different components: simple carry over, Little and Su as well as Little and Su distinguished by education groups. **Format:** 0 = Not imputed 1 = Imputation item-nonresponse in at least one income component 2 = Imputation unit-nonresponse of at least one individual in the household

year	Not_impute	Imputed_item	Imputed_unit	TotalFreq
1999	1			12930
2000	0.8992892	0.05086923	0.049841569	11677
2001	0.92703554	0.022132254	0.050832209	11115
2002	0.91830956	0.027160235	0.054530201	9536
2003	0.91954701	0.028547835	0.051905155	8477
2004	0.90029117	0.033804417	0.06590441	14081
2005	0.90868357	0.032081728	0.059234698	11159
2006	0.91186222	0.038681157	0.049456622	10858
2007	0.90852051	0.0381013	0.053378194	10997
2008	0.91161338	0.036567438	0.051819184	10884
2009	0.89730942	0.042780269	0.059910314	11150
2010	0.9046526	0.040875784	0.054471616	11327
2011	0.90511994	0.039294665	0.055585392	11172
2012	0.89756454	0.041959318	0.060476147	10963
2013	0.8962157	0.043519395	0.060264901	10570
2014	0.89620337	0.043405861	0.060390764	18016
2015	0.88869853	0.05041914	0.060882335	16343
2016	0.89237968	0.043582888	0.064037433	14960
2017	0.88321743	0.054412503	0.062370062	13949
2018	0.88219039	0.054468766	0.063340848	13751
2019	0.879039	0.054132137	0.06682886	13153
2020	0.84926188	0.084691608	0.066046512	24725
2021	0.8580009	0.074127834	0.067871265	19979

I11209 **C** **1** **H**	**Impute Total Household Taxes** **Description:** This variable indicates whether total household taxes are imputed. **Method:** The amount of Total Household Taxes is completely simulated. Therefore this variable is set to missing. **Format:**

	0 = Not imputed 1 = Imputation item-nonresponse

I11210 **C** **1** **H**	**Impute Individual Labour Earnings** **Description:** This variable indicates whether the value of individual labour earnings is imputed. **Method:** If any component of individual labour earnings is imputed due to item non-response, then the value of individual labour earnings is considered as imputed. A component is considered as item non-response if the value of the original SHP data of any individual in a household is any of the following: doesn't know, no answer, original value was deleted because it was found to be implausible, filter error. The imputation method used is the longitudinal imputation method developed by Little and Su distinguished by education groups. **Format:** 0 = Not imputed 1 = Imputation item-nonresponse 2 = Imputation unit-nonresponse

year	Not_impu	Imputed_item	Imputed_unit	TotalFreq
1999	0.779273	0.09992266	0.120804331	12930
2000	0.829751	0.055065513	0.115183694	11677
2001	0.842015	0.03265857	0.125326136	11115
2002	0.840185	0.044672819	0.115142617	9536
2003	0.859502	0.034328182	0.106169635	8477
2004	0.818479	0.046019459	0.13550174	14081
2005	0.834663	0.033425934	0.131911462	11159
2006	0.844907	0.035734021	0.119358998	10858
2007	0.846776	0.037282895	0.115940711	10997
2008	0.846839	0.034362367	0.118798236	10884
2009	0.852377	0.030044843	0.117578475	11150
2010	0.864836	0.032488744	0.102675024	11327
2011	0.871196	0.032133906	0.096670247	11172
2012	0.87175	0.029553954	0.098695613	10963
2013	0.86859	0.028855251	0.102554399	10570
2014	0.869172	0.03580151	0.095026643	18016
2015	0.87487	0.037018907	0.088111118	16343
2016	0.866778	0.032820856	0.10040107	14960
2017	0.871532	0.033909241	0.09455875	13949
2018	0.870482	0.033743001	0.095774853	13751
2019	0.869307	0.031399681	0.099292937	13153
2020	0.824671	0.066208291	0.109120324	24725
2021	0.832524	0.061564643	0.105911207	19979

I11217 **C** **1** **H**	**Impute Household Private Retirement Income** **Description:** This variable indicates whether value of household private retirement income is imputed. **Method:** This variable is not available in the SHP.

L11101	**Area of residence**

S 1 H	This variable indicates the **Swiss Canton** in which the household was living at the time of the interview **Format:** 1 = AG Argovia 2 = AI Appenzell Inner-Rhodes 3 = AR Appenzell Outer-Rhodes 4 = BE Berne 5 = BS Basle-Town 6 = BL Basle-Country 7 = FR Fribourg 8 = GE Geneva 9 = GL Glarus 10 = GR Grisons 11 = JU Jura 12 = LU Lucerne 13 = NE Neuchatel 14 = NW Nidwalden 15 = OW Obwalden 16 = SG St. Gall 17 = SH Schaffhausen 18 = SO Solothurn 19 = SZ Schwyz 20 = TG Thurgovia 21 = TI Ticino 22 = UR Uri 23 = VD Vaud 24 = VS Valais 25 = ZG Zug 26 = ZH Zurich Original survey variables in files shp$$_h_user ($$=1999-2021): gen L11101_y=canton$$

	l11101_ Percent AG Argov 0.084549 AI Appen 0.00166 AR Apper 0.007652 BE Berne 0.124772 BS Basle-T 0.01866 BL Basle-C 0.034928 FR Fribou 0.038974 GE Genev 0.042381 GL Glarus 0.005163 GR Grison 0.021901 JU Jura 0.004285 LU Lucern 0.054489 NE Neuch 0.043912 NW Nidw 0.005186 OW Obwa 0.004802 SG St. Gal 0.056292 SH Schaff 0.009126 SO Soloth 0.035415 SZ Schwyz 0.017785 TG Thurgo 0.026033 TI Ticino 0.041691 UR Uri 0.003721 VD Vaud 0.101423 VS Valais 0.038212 ZG Zug 0.012463 ZH Zurich 0.164525

L11102S	**Region of Residence: Language** This variable indicates the **language of the household questionnaire** completed by the household reference person

1
H

Format:
1 = French
2 = Swiss German
3 = Italian

Original survey variables in files shp$$_h_user ($$=1999-2021):
gen L11102_y=hlingu$$

year	French	Swiss_Ger	Italian	TotalFreq
1999	0.273318	0.671462	0.05522	12930
2000	0.275841	0.671919	0.052239	11677
2001	0.289699	0.652542	0.05776	11115
2002	0.27372	0.670025	0.056255	9528
2003	0.275923	0.668869	0.055208	8477
2004	0.264186	0.687948	0.047866	14081
2005	0.262389	0.694417	0.043194	11159
2006	0.261006	0.695892	0.043102	10858
2007	0.25416	0.703828	0.042011	10997
2008	0.252756	0.706634	0.04061	10884
2009	0.257535	0.698152	0.044313	11148
2010	0.257438	0.69427	0.048292	11327
2011	0.258503	0.691729	0.049767	11172
2012	0.264709	0.689775	0.045517	10963
2013	0.266225	0.687701	0.046074	10570
2014	0.254274	0.695437	0.050289	18016
2015	0.259499	0.688919	0.051582	16343
2016	0.264104	0.685561	0.050334	14960
2017	0.267106	0.682034	0.05086	13665
2018	0.261508	0.688023	0.050469	13751
2019	0.266327	0.683722	0.049951	13153
2020	0.272073	0.669687	0.058241	24725
2021	0.27619	0.6671	0.05671	19979

M11101 **C** **1** **I**	**Whether spent night in hospital in last year** This variable indicates **whether the individual stayed overnight in a hospital at any time during the last 12 months**. Available in 1999 (orig. variable p99c41) and from 2004 (orig. variable p04c41a) on (algorithm for p99c41). **Format:** .M (-1) = Item non-response .S (-2) = Survey non-response 0 = Did not stay overnight in a hospital 1 = Stayed overnight in a hospital Original survey variables in files shp$$_p_user ($$=1999,2004-2021): gen M11101_y=sign(p$$c41) if p$$c41>=0 replace M11101=-2 if p$$c41==-1 \| p$$c41==-2 /* Item NR */ replace M11101=-1 if (p$$c41==. \| p$$c41==-3) & status$$==1 /* NA / child */ replace M11101=-3 if (p$$c41==. | p$$c41==-3) & status$$==2 /* Survey NR */ **Proxy information not available.**

year	No_hospital	Hospital_stay	TotalFreq
1999	0.844637224	0.155362776	7608
2004	0.856120434	0.143879566	8104
2005	0.864811133	0.135188867	6539
2006	0.855812556	0.144187444	6658
2007	0.848775598	0.151224402	6983
2008	0.85066628	0.14933372	6904
2009	0.856721035	0.143278965	7112
2010	0.850874867	0.149125133	7544
2011	0.856747131	0.143252869	7581
2012	0.853609356	0.146390644	7439
2013	0.844691187	0.155308813	7205
2014	0.843349591	0.156650409	12097
2015	0.849418084	0.150581916	11170
2016	0.840290924	0.159709076	10037
2017	0.842928066	0.157071934	9467
2018	0.839138356	0.160861644	9331
2019	0.826402266	0.173597734	8825
2020	0.849496623	0.150503377	15694
2021	0.855787769	0.144212231	12967

M11102
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Number of nights (days) spent in hospital

This variable indicates the **number of nights stayed in a hospital during the last 12 months**, if applicable. Available in 1999 (orig. variable p99c41) and from 2004 (orig. variable p99c41a) on (algorithm for p99c41).

Original survey variables in files shp$$_p_user ($$=1999,2004-2021):
gen M11102_y=p$$c41 if p$$c41>=0 & p$$c41!=.
replace M11102_y=-2 if p$$c41==-1 | p$$c41==-2 /* Item NR */
replace M11102_y=-1 if (p$$c41==. | p$$c41==-3) & status$$==1 /* NA / child */
replace M11102_y=-3 if (p$$c41==. | p$$c41==-3) & status$$==2 /* Survey NR */

Proxy information not available.

	Summary for variable m11102>=0

	N	min	mean	p50	max
1999	7608	0	1.502234	0	360
2004	8104	0	1.150049	0	180
2005	6539	0	1.047408	0	180
2006	6658	0	1.101983	0	200
2007	6983	0	1.217815	0	180
2008	6904	0	1.343714	0	327
2009	7112	0	1.336052	0	365
2010	7544	0	1.196448	0	270
2011	7581	0	1.153806	0	210
2012	7439	0	1.195188	0	210
2013	7205	0	1.144344	0	240
2014	12097	0	1.269984	0	360
2015	11170	0	1.295255	0	180
2016	10037	0	1.327986	0	365
2017	9467	0	1.229323	0	300
2018	9331	0	1.31958	0	270
2019	8825	0	1.273201	0	224
2020	15694	0	1.169428	0	300
2021	12967	0	1.179147	0	350

M11103 **C** **3** **I**	**Whether had accident in past year that required hospital** This variable indicates whether the individual had an accident with more than 10 days of impediment in the last 12 months. Available in 1999 only. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 0 = Had no accident that required overnight stay in a hospital 1 = Had accident that required overnight stay in a hospital

	Original survey variables in files shp99_p_user: gen M11103_1999=1 if p99c34==1 replace M11103_1999=0 if p99c34==2 replace M11103_1999=-2 if p99c34==-1 | p99c34==-2 /* Item NR */ replace M11103_1999=-1 if (p99c34==. | p99c34==-3) & status99==1 /* NA / child */ replace M11103_1999=-3 if (p99c34==. | p99c34==-3) & status99==2 /* Survey NR */ **Proxy information not available.** | | N | min | mean | p50 | max | | 1999 | 7781 | 0 | 0.068629 | 0 | 1 |

M11104 **C** **1** **I**	**Frequency of sports or exercise** This variable indicates the frequency of physical activities. It is calculated by collapsing the original SHP variable (5 categories) to four categories. **Format:** .M (-2) = Item non-response .S (-3) = Survey non-response 1 = Play sport or exercise once a year or less, almost never, or never 2 = Play sport or exercise several times a year 3 = Play sport or exercise at least once a month 4 = Play sport or exercise at least once a week Original survey variables in files shp$$_p_user ($$=99, 04-10, 13, 16, etc.): gen M11104_y=4 if p$$a15==1 \| p$$a15==2 /* at least once a week */ replace M11104=3 if p$$a15==3 /* at least once a month */ replace M11104=2 if p$$a15==4 /* several times a year */ replace M11104=1 if p$$a15==5 /* (almost) never */ replace M11104=-2 if p$$a15==-1 | p$$a15==-2 /* Item NR */ replace M11104=-1 if (p$$c15==. | p$$c15==-3) & status99==1 /* NA / child */ replace M11104=-3 if (p$$c15==. | p$$c15==-3) & status99==2 /* Survey NR */

Proxy information not available.

Summary for variable m11104>0

year	Once_a_year_	Several_times_a_year	Once_a_month_	Once_a_week_	TotalFreq
1999	0.309025549	0.035177815	0.077930415	0.577866222	7789
2000	0.261035654	0.037492926	0.093803056	0.607668364	7068
2001	0.253032141	0.039114615	0.091419042	0.616434203	6596
2002	0.245345978	0.040217773	0.095012294	0.619423955	5694
2003	0.239172097	0.035837486	0.084131851	0.640858567	5218
2004	0.259558093	0.036866931	0.067154916	0.63642006	8056
2005	0.246323529	0.031556373	0.066482843	0.655637255	6528
2006	0.251240415	0.028867839	0.079987972	0.639903774	6651
2007	0.260900746	0.023379231	0.067555938	0.648164085	6972
2008	0.256670534	0.024071926	0.071055684	0.648201856	6896
2010	0.276141189	0.031316348	0.072452229	0.620090234	7536
2013	0.285495971	0.024451236	0.060433454	0.629619339	7198
2016	0.301817093	0.03504393	0.078873802	0.584265176	10016
2019	0.302040816	0.046825397	0.084580499	0.566553288	8820

M11105	This variable indicates whether the person has had a stroke Introduced in 2021 but yet without longitudinal information
M11106	This variable indicates whether the person has high blood pressure/ circulation problems Introduced in 2021 but yet without longitudinal information
M11107	This variable indicates whether the person has or had diabetes Introduced in 2021 but yet without longitudinal information
M11108	This variable indicates whether the person has or had cancer Introduced in 2021 but yet without longitudinal information
M11109	This variable indicates whether the person has or had arthritis Introduced in 2021 but yet without longitudinal information
M11110	This variable indicates whether the person has or had psychiatric problems. Introduced in 2021 but yet without longitudinal information
M11111	This variable indicates whether the person has or had angina or heart condition

	Introduced in 2021 but yet without longitudinal information
M11112	This variable indicates whether the person has or had problems with asthma or breathing Introduced in 2021 but yet without longitudinal information
M11113	This variable indicates whether the person has trouble with or needs help of others to climb stairs Introduced in 2021 but yet without longitudinal information
M11114	This variable indicates whether the person has trouble with or needs help of others to bathe Introduced in 2021 but yet without longitudinal information
M11115	This variable indicates whether the person has trouble with or needs help of others to dress Introduced in 2021 but yet without longitudinal information
M11116	This variable indicates whether the person has trouble with or needs help of others to get in/out of bed Introduced in 2021 but yet without longitudinal information
M11117	This variable indicates whether the person has trouble with or needs help of others to shop Introduced in 2021 but yet without longitudinal information
M11118	This variable indicates whether the person has trouble to walk unaided for 10 or more minutes Introduced in 2021 but yet without longitudinal information
M11119	This variable indicates whether the person needs the help of others to perform tasks around the household. Introduced in 2021 but yet without longitudinal information
M11120	This variable indicates whether a person's health limits his ability to bend, lift, or stoop Introduced in 2021 but yet without longitudinal information
M11121	This variable indicates whether a person's health limits vigorous physical activities Introduced in 2021 but yet without longitudinal information

M11122 **S** **1** **I**	**Height in metres** on the date of the first interview, imputed for following waves. Available from 2004 on. Original survey variables in files shp$$_p_user ($$=2004-2021): gen M11122_y=p$$c45/100 if p$$c45>100 & p$$c45<250 replace M11122=-2 if (p$$c45>=250 | p$$c45==-2 \| p$$c45==-1) /* Item NR */ replace M11122=-1 if (p$$c45==. \| p$$c45==-3) & status$$==1 /* NA / Child */ replace M11122=-3 if (p$$c45==. | p$$c45==-3) & status$$==2 /* Survey NR */ **Proxy information not available.**

	N	min	mean	p50	max
2004	8090	1.18	1.7024	1.7	2.07
2005	7347	1.18	1.704384	1.7	2.05
2006	7326	1.18	1.704439	1.7	2
2007	7687	1.18	1.704177	1.7	2.06
2008	7792	1.18	1.704263	1.7	2.06
2009	7967	1.18	1.703671	1.7	2.06
2010	8299	1.18	1.704117	1.7	2.06
2011	8279	1.18	1.705258	1.7	2.06
2012	8261	1.18	1.705916	1.7	2.06
2013	8019	1.18	1.706263	1.7	2.06
2014	12913	1.16	1.706531	1.7	2.06
2015	12255	1.16	1.707188	1.7	2.06
2016	11305	1.16	1.707828	1.7	2.06
2017	10638	1.18	1.709125	1.7	2.06
2018	10459	1.18	1.709907	1.7	2.06
2019	10036	1.18	1.710261	1.7	2.06
2020	16441	1.18	1.71059	1.7	2.06
2021	14646	1.18	1.710952	1.7	2.06

M11123
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Weight in kilograms on the date of the interview. Available from 2004 on.

Original survey variables in files shp$$_p_user ($$=2004-2021):
gen M11123_y=p$$c46 if p$$c46>20 & p$$c46<250
replace M11123=-2 if (p$$c46>=250 | p$$c46==-2 | p$$c46==-1) /* Item NR */
replace M11123=-1 if (p$$c46==. | p$$c46==-3) & status$$==1 /* NA / Child */
replace M11123=-3 if (p$$c46==. | p$$c46==-3) & status$$==2 /* Survey NR */

Proxy information not available.

	N	min	mean	p50	max
2004	8029	35	69.53469	68	179
2005	6495	36	69.62802	68	172
2006	6605	36	69.92566	68	150
2007	6919	31	69.85894	69	155
2008	6844	33	70.13457	69	160
2009	7045	28	70.33314	70	140
2010	7473	28	70.6482	70	170
2011	7523	32	70.98312	70	176
2012	7380	35	71.09187	70	162
2013	7144	33	71.18561	70	174
2014	11992	28	71.59164	70	160
2015	11041	26	71.65148	70	190
2016	9917	25	71.84189	70	180
2017	9357	36	72.00011	70	180
2018	9232	35	72.07528	70	177
2019	8728	36	72.31622	70	187
2020	15492	28	72.37355	70	192
2021	12712	30	72.63656	71	192

M11124	This variable indicates disability status at the time of the interview NA in the SHP

M11125 **S** **1** **I**	**Subjective Satisfaction with Health** This variable indicates subjective satisfaction with health at the time of the interview **Format:** .C (-1) = N/A - Child .M (-2) = Item non-response .S (-3) = Survey non-response 0 = Not at all Satisfied, …, 10 = Completely Satisfied

Original survey variables in files shp$$_p_user ($$=1999-2021):
gen M11125_y=p$$c02 if p$$c02>=0 & p$$c02<=10
replace M11125=-2 if p$$c02==-2 | p$$c02==-1 /* Item NR */
replace M11125=-1 if (p$$c02==. | p$$c02==-3) & status$$==1 /* NA / child */
replace M11125=-3 if (p$$c02==. | p$$c02==-3) & status$$==2 /* Survey NR */

Proxy information not available.

	N	min	mean	p50	max
1999	7792	0	8.132187	8	10
2000	7075	0	8.120565	8	10
2001	6608	0	8.074607	8	10
2002	5701	0	8.034906	8	10
2003	5218	0	8.035454	8	10
2004	8107	0	8.132601	8	10
2005	6540	0	8.108869	8	10
2006	6662	0	7.909337	8	10
2007	6984	0	7.889175	8	10
2008	6906	0	7.880249	8	10
2009	7105	0	7.792118	8	10
2010	7543	0	7.850988	8	10
2011	7579	0	7.835203	8	10
2012	7440	0	7.735753	8	10
2013	7209	0	7.755861	8	10
2014	12095	0	7.866639	8	10
2015	11178	0	7.761675	8	10
2016	10042	0	7.774049	8	10
2017	9473	0	7.773461	8	10
2018	9345	0	7.712146	8	10
2019	8835	0	7.716016	8	10
2020	15815	0	7.831995	8	10
2021	13056	0	7.683517	8	10

M11126 **S** **1** **I**	**Self-Rated Health Status** This variable indicates self-rated current health status at the time of the interview **Format:** .C (-1) = N/A - Child .M (-2) = Item non-response .S (-3) = Survey non-response 1 = Very well 2 = well 3 = average 4 = not very well 5 = not well at all Original survey variables in files shp$$_p_user ($$=1999-2021): gen M11126_y=p$$c01 replace M11126=-2 if p$$c01==-2 | p$$c01==-1 /* Item NR */ replace M11126=-1 if (p$$c01==. | p$$c01==-3) & status$$==1 /* NA / child */ replace M11126=-3 if (p$$c01==. \| p$$c01==-3) & status$$==2 /* Survey NR */ * IF PROXY: replace M11126=x99c05 if status==1 & x99c05>0 & x99c05<=5 & M11126<0

year	very_well	well	average	not_very_	not_well_	TotalFreq
1999	0.386009	0.477048	0.117777	0.017441	0.001725	10435
2000	0.339651	0.542827	0.106088	0.010164	0.001271	9445
2001	0.318218	0.564772	0.105275	0.010824	0.000911	8777
2002	0.301432	0.579557	0.10651	0.010807	0.001693	7680
2003	0.305752	0.579069	0.104368	0.00937	0.001442	6937
2004	0.287544	0.58444	0.107537	0.017767	0.002712	10694
2005	0.239532	0.62924	0.110877	0.018713	0.001637	8550
2006	0.212633	0.65907	0.106432	0.01932	0.002545	8644
2007	0.224093	0.643237	0.112216	0.01729	0.003164	8849
2008	0.20915	0.655796	0.115234	0.017631	0.002189	8678
2009	0.217751	0.645205	0.1167	0.017438	0.002906	8946
2010	0.216644	0.643948	0.117509	0.019336	0.002564	9361
2011	0.217231	0.645091	0.117329	0.0184	0.001948	9239
2012	0.209699	0.641497	0.124889	0.021922	0.001993	9032
2013	0.211716	0.645295	0.120618	0.019949	0.002422	8672
2014	0.236656	0.636722	0.106622	0.016722	0.003278	14950
2015	0.253922	0.612185	0.1112	0.019555	0.003138	13705
2016	0.240258	0.625521	0.114451	0.017809	0.001961	12241
2017	0.238112	0.625552	0.116327	0.018623	0.001386	11545
2018	0.242022	0.61644	0.118681	0.020308	0.002549	11375
2019	0.236453	0.626266	0.119528	0.015522	0.002231	10759
2020	0.305847	0.563061	0.1109	0.017988	0.002204	19513
2021	0.264914	0.579531	0.133646	0.019593	0.002316	15975

M11127 **S** **1** **I**	This variable indicates the **number of doctor visits during the last 12 months** (dentist visits are excluded) Original survey variables in files shp$$_p_user ($$=1999-2021): gen M11127_y=p$$c15 if p$$c15>=0 replace M11127=0 if p$$c15==. & status$$==0 /* not in Filter -> No Doc */ replace M11127=-2 if p$$c15==-2 \| p$$c15==-1 /* Item NR */ replace M11127=-1 if (p$$c15==. \| p$$c15==-3) & status$$==1 /* NA / child */

	replace M11127=-3 if (p$$c15==. \| p$$c15==-3) & status$$==2 /* Survey NR */

	N	min	mean	p50	max
1999	6229	0	5.150104	3	180
2000	5154	0	4.772216	3	160
2001	4957	0	4.842848	3	200
2002	4212	0	5.013533	3	300
2003	3887	0	4.885516	3	365
2004	5979	0	5.083793	3	300
2005	4744	0	4.960793	3	200
2006	4891	0	4.945205	3	104
2007	5177	0	5.231988	3	156
2008	5176	0	5.176971	3	200
2009	5374	0	5.067175	3	180
2010	5635	0	4.993611	3	180
2011	5607	0	5.081149	3	180
2012	5556	0	5.277538	3	336
2013	5482	0	5.270887	3	200
2014	9143	0	5.067374	3	420
2015	8410	0	5.286088	3	466
2016	7618	0	5.051982	3	365
2017	7079	0	5.429157	3	910
2018	7023	0	5.496511	3	500
2019	6622	0	5.346874	3	350
2020	11239	0	4.83753	3	192
2021	12752	0	3.710712	2	300

P11101 **S** **1** **I**	**Satisfaction with life today** This variable indicates subjective **satisfaction with life in general** at the time of the interview. Available from 2000 on. **Format:** .C (-1) = N/A - Child

	.M (-2) = Item non-response .S (-3) = Survey non-response 0 = Absolutely Not Satisfied, …, 10 = Completely Satisfied Original survey variables in files shp$$_p_user ($$=2000-2021): gen P11101_$$=p$$c44 if p$$c44>=0 & p$$c44<=10 replace P11101=-2 if p$$c44==-2 \| p$$c44==-1 /* Item NR */ replace P11101=-1 if (p$$c44==. \| p$$c44==-3) & status$$==1 /* NA / child */ replace P11101=-3 if (p$$c44==. | p$$c44==-3) & status$$==2 /* Survey NR */ **Proxy information not available.**

	N	min	mean	p50	max
2000	7071	0	8.191486	8	10
2001	6607	0	8.100954	8	10
2002	5701	0	8.029469	8	10
2003	5219	0	8.046177	8	10
2004	8108	0	8.060064	8	10
2005	6545	0	8.004278	8	10
2006	6662	0	7.952717	8	10
2007	6986	0	7.994131	8	10
2008	6902	0	7.987975	8	10
2009	7112	0	8.002953	8	10
2010	7546	0	8.028094	8	10
2011	7581	0	8.033373	8	10
2012	7443	0	7.923015	8	10
2013	7207	0	8.051755	8	10
2014	12108	0	8.204906	8	10
2015	11187	0	8.141235	8	10
2016	10048	0	8.111166	8	10
2017	9474	0	8.098797	8	10
2018	9349	0	8.079046	8	10
2019	8836	0	8.067791	8	10
2020	15821	0	8.13046	8	10
2021	13070	0	8.026779	8	10

W11101S1I	**Cross-sectional individual population weight** (inflating to the Swiss residential population of age 14 or older). All weights listed for individuals other than those with a full interview are 0 (this applies especially for all Proxy Individuals!). Original survey variables in files shp$$_p_user ($$=1999-2021): gen W11101_y=weip$$tp (from 2004 on, the SHP weights wp$$t1p are used (apply to the combined samples SHP I and SHP II, see variable X11104), from 2014 on, the weights wi$$csp are used (apply to the combined samples SHP I and SHP II and SHP III)

	N	min	mean	p50	max
1999	12930	0	457.4998	550.5278	1557.8
2000	11677	0	517.3136	562.3577	3596.094
2001	11115	0	548.945	582.2501	4592.97
2002	9536	0	646.7763	656.7567	4868.288
2003	8477	0	735.8897	739.8442	5156.116
2004	14081	0	431.7305	428.0519	3845.103
2005	11159	0	550.0889	524.5146	8025.595
2006	10858	0	570.5575	541.6505	6189.211
2007	10997	0	571.0816	523.7476	4160.717
2008	10884	0	586.2413	500.7097	4340.981
2009	11150	0	576.7531	458.375	5084.923
2010	11327	0	574.9347	477.9179	6136.086
2011	11172	0	587.3313	471.7726	6197.581
2012	10963	0	608.5396	497.8164	6404.33
2013	10570	0	657.0643	367.756	6736.273
2014	18016	0	379.2906	333.9389	4023.689
2015	16343	0	422.4292	362.1012	4409.528
2016	14960	0	466.9654	376.2385	4987.266
2017	13949	0	504.3028	432.7212	5205.78
2018	13751	0	514.8492	426.2986	5484.817
2019	13153	0	541.9459	473.6212	5275.781
2020	24725	0	291.387	263.1679	3197.601
2021	19979	0	363.6605	151.5902	3953.412

W11102S1H	**Cross-sectional household population weight** (inflating to the Swiss residential households) All weights listed for individuals other than those with a full interview are 0 (this applies especially for all Proxy Individuals!). Original survey variables in files shp$$_h_user ($$=1999-2021): gen W11102_y=weih$$tp (from 2004 on, the SHP weights wh$$t1p are used, which apply to the combined samples SHP I and SHP II, see variable X11104. From 2014 on, the weights wh$$csp are used)

	N	min	mean	p50	max
1999	12930	459.9427	553.9981	554.4985	859.5786
2000	11677	0	616.8908	623.7079	1212.776
2001	11115	0	653.2229	661.9941	1433.434
2002	9536	0	767.2978	770.4825	1624.273
2003	8477	0	868.607	876.2019	1690.068
2004	14081	0	510.7738	482.5028	2072.378
2005	11159	0	648.7777	545.198	4074.1
2006	10858	0	670.9853	557.6382	3687.025
2007	10997	0	669.9612	546.3276	2852.709
2008	10884	0	686.5207	532.8186	3096.487
2009	11150	0	675.8489	529.7275	2327.846
2010	11327	0	673.8222	511.8948	4855.96
2011	11172	0	687.2749	543.3961	5035.906
2012	10963	0	712.5784	560.4069	5200.786
2013	10570	0	712.5436	642.0043	5465.655
2014	18016	0	442.6835	361.3164	3110.932
2015	16343	0	494.3866	397.1048	3420.88
2016	14960	0	545.049	418.9541	3932.275
2017	13949	0	589.0888	455.3113	4320.83
2018	13751	0	601.7949	479.0758	4436.074
2019	13153	0	633.6881	483.6566	4671.623
2020	24725	0	339.7055	300.903	1954.131
2021	19979	0	424.1403	329.1761	3418.372

W11105 **S** **1** **I**	**Cross-sectional child population weight** (inflating to the Swiss residential population of age 13 or less), from 2013 on. Original survey variables in files shp$$_p_user ($$=13-): gen W11113_y=wi$$csp (applies to the sample SHP III) w11105 Cross-sectional Child Weight for SHP III Sample

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	N	min	mean	p50	max
2013	10570	0	105.0295	0	15999.83
2014	18016	0	62.93396	0	4291.889
2015	16343	0	70.40197	0	9197.188
2016	14960	0	78.1127	0	10791.32
2017	13949	0	84.82329	0	16331.38
2018	13751	0	86.98218	0	15045.44
2019	13153	0	91.74212	0	13364.11
2020	24725	0	48.30908	0	2644.243
2021	19979	0	60.47975	0	4390.426

W11113S1I	**Longitudinal individual population weight** (inflating to the Swiss residential population in the previous year), based on the Swiss population Original survey variables in files shp$$_p_user ($$=14-): gen W11113_y=wi$$lp13 (applies to the combined samples SHP I, II, III, IV)

	N	min	mean	p50	max
2000	11677	0	511.5315	549.7438	3507.751
2001	11115	0	534.996	570.9113	4633.672
2002	9536	0	622.4898	618.7578	4615.252
2003	8477	0	698.6799	664.6141	4938.435
2004	14081	0	419.4831	0	7006.291
2005	11159	0	543.518	494.2764	9472.655
2006	10858	0	557.0086	507.9944	10074.5
2007	10997	0	549.0718	485.2544	8259.899
2008	10884	0	553.1849	431.3009	10307.31
2009	11150	0	522.1609	414.1213	5756.148
2010	11327	0	511.7322	449.6534	6307.721
2011	11172	0	513.752	418.5562	6333.038
2012	10963	0	521.1841	405.3404	6493.27
2013	10570	0	548.8772	138.6217	6792.466
2014	18016	0	371.7136	298.2918	4218.124
2015	16343	0	418.057	360.2018	4782.163
2016	14960	0	462.19	358.2828	5387.962
2017	13949	0	500.8791	407.0267	5796.679
2018	13751	0	511.5643	372.4278	6131.706
2019	13153	0	538.2568	444.8765	5724.4
2020	24725	0	288.2999	0	6916.083
2021	19979	0	360.6577	90.06905	4413.384