EU-SILC

Variables List and Syntax Checks
Logical Checks

CROSS-SECTIONAL TRANSMISSION (UK only)

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
DB010	Year of the survey	2015		
DB020	Country	COUNTRY CODE		
DB030	Household ID	ID		
DB040	Region	NUTS 10 CODE	(-1,1)	
DB050	Primary strata	1-99999	(-2,1,2,3)	
DB060	PSU-1	1-99999	(-2,1,2)	
DB061*	PSU-2	1-99999	(-2,1)	
DB062	SSU-1	1-99999	(-2,1,2)	
DB063*	SSU-2	1-99999	(-2,1)	
DB070	Order of the selection of PSU-1	1-99999	(-2,1,11,12,21,22)	
DB071*	Order of the selection of PSU-2	1-99999	(-2,1,11,12,21,22)	
DB072*	Order of the selection of SSU-1	1-99999	(-2,1,11,12,21,22)	
DB073*	Order of the selection of SSU-2	1-99999	(-2,1,11,12,21,22)	
DB075	Rotational group	1-9	(-2,1)	
DB080	Household design weight	0-99999 (5 decimals)	(-2,1)	
DB090	Household cross-sectional weight	0-99999 (5 decimals)	(1)	

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
DB100	Degree of urbanisation	1-3	(-1,1)	
DB120	Record of contact at address	(11,21,22,23)	(-1,1)	
DB130	Household questionnaire result	(11,21,22,23,24)	(-2,-1,1)	DB120 ne 11
DB135	Household interview acceptance	1-2	(-2,-1,1)	DB130 ne 11
RB010	Year of the survey	2014		
RB020	Country	COUNTRY CODE		
RB030	Personal ID	ID		
RB031	Year of imigration	1900-2015	(-2,-1,1)	
RB041*	Personal ID previous year	101-999999999	(-2,1)	
RB050	Personal cross-sectional weight	0-99999 (5 decimals)	(1)	
RB070	Month of birth	1-12	(-1,1)	
RB080	Year of birth	1890-2015	(-1,1)	
RB090	Sex	1-2	(-1,1)	
RB200	Residential status	1-2	(-1,1)	
RB210	Basic activity status	1-4	(-1,1)	
RB220	Father ID	101-99999999	(-2,-1,1)	
RB230	Mother ID	101-99999999	(-2,-1,1)	
RB240	Spouse/partner ID	101-99999999	(-2,-1,1)	
RB245	Respondent Status	1-4	(1)	
RB250	Data Status	(11,12,13,14,21,22,23,31,32,33)	(-2,1)	RB245 = 4
RB260	Type of interview	1-10	(-2,-1,1)	(RB250 not in (11,13) or RB245=3)
RB270	ID of person who filled in the individual questionnaire	101-99999999	(-2,-1,1)	RB260 not in (6,7,8,9,10)
RL010	Education at pre-school	0-99	(-2,-1,1)	
RL020	Education at compulsory school	0-99	(-2,-1,1)	
RL030	Child care at center based services	0-99	(-2,-1,1)	
RL040	Child care at day-care center	0-99	(-2,-1,1)	
RL050	Child care by professional child-minder	0-99	(-2,-1,1)	
RL060	Child care by relatives etc	0-99	(-2,-1,1)	
RL070	Child care weight	0-99999 (5 decimals)	(-2,1)	
HB010	Year of the survey	2015		

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
HB020	Country	COUNTRY CODE		
HB030	Household ID	ID		
HB040	Day of household interview	1-31	(-1,1)	
HB050	Month of household interview	1-12	(-1,1)	
HB060	Year of Household interview	2015-2015	(1)	
HB070	ID of person responding the questionnaire	101-99999999	(-1,1)	
HB080	ID of person 1 responsible for the accommodation	101-99999999	(-1,1)	
HB090	ID of person 2 responsible for the accommodation	101-99999999	(-2,-1,1)	
HB100	Number of minutes to complete	1-90	(-1,1)	
HY010	Total gross income	-99999999.99-99999999.99 (2 decimals)	(-1,0,1,2,3,4) +IF	
HY020	Total disposable income	-99999999.99-99999999.99 (2 decimals)	(-1,0,1,2,3,4) +IF	
HY022	Total disposable income before social	-99999999.99-99999999.99 (2 decimals)	(-1,0,1,2,3,4) +IF	
HY023	Total disposable income before social	-99999999.99-99999999.99 (2	(-1,0,1,2,3,4) +IF	
HY030N*	Imputed rent	0-99999999.99 (2 decimals)	(-5,-1,0,1)	
HY040N*	Income from rental of property or land	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY050N*	Family-children related allowances	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
HY060N*	Social assistance	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY070N*	Housing allowances	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY080N*	Regular inter-household cash transfer	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY081N*	Almonies received	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY090N*	Interest dividends profit from capital	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY100N*	Interest paid on mortgage	0-99999999.99 (2 decimals)	(-5,-1,0,1,11,2,13) +IF	
HY110N*	Income received by people aged under 16	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY120N*	Regular taxes on wealth	0-99999999.99 (2 decimals)	(-5,-4,-1,0,1,11,12,13) +IF	
HY130N*	Regular inter-household cash transfer paid	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY131N*	Almonies paid	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY140N*	Tax on income and social contributions	-99999999.99-99999999.99 (2	(-5,-1,0,1) +IF	
HY145N*	Repayments-receipts from tax adjustments	-99999999.99-99999999.99 (2	(-5,-1,0,1,11,12,13) +IF	

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
HY170N	Value of goods produced for own	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13,	
HY030G	Imputed rent	0-99999999.99 (2 decimals)	(-1,0,1)	
HY040G	Income from rental of property or land	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY050G	Family-children related allowances	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY051G*	Family-children related allowances (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY052G*	Family-children related allowances (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY053G*	Family-children related allowances (non-contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY054G*	Family-children related allowances (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY060G	Social assistance	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY061G*	Social exclusion not elsewhere classified (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY062G*	Social exclusion not elsewhere classified (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY063G*	Social exclusion not elsewhere classified (non-contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY064G*	Social exclusion not elsewhere classified (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY070G	Housing allowances	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY071G*	Housing allowances (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY072G*	Housing allowances (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY073G*	Housing allowances (non-contributory and	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY074G*	Housing allowances (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
HY080G	Regular inter-household cash transfer received	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY081G*	Almonies received	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY090G	Interest dividends profit from capital	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY100G	Interest paid on mortgage	0-99999999.99 (2 decimals)	(-1,0,1) +IF	
HY110G	Income received by people aged under 16	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY120G	Regular taxes on wealth	0-99999999.99 (2 decimals)	(-4,-1,0,1) +IF	
HY130G	Regular inter-household cash transfer paid	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
HY131G*	Almonies paid	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
HY140G	Tax on income and social contributions	-99999999.99-99999999.99 (2 decimals)	(-1,0,1) +IF	
HY170G	Value of goods produced for own consumption	0-99999999.99 (2 decimals)	(-5,-1,0,1,2,3,4,5,6) +IF	
HS011	Arrears on mortgage or rent payments	1-3	(-2,-1,1)	
HS021	Arrears on utility bills	1-3	(-2,-1,1)	
HS031	Arrears on hire purchase instalments or other loan payments	1-3	(-2,-1,1)	
HS040	Capacity to afford paying for one week annual holiday away from home	1-2	(-1,1)	
HS050	Capacity to afford a meal with meat chicken fish or vegetarian equivalent every second day	1-2	(-1,1)	
HS060	Capacity to face unexpected financial expenses	1-2	(-1,1)	
HS070	Do you have a telephone including mobile phone?	1-3	(-1,1)	
HS080	Do you have a colour TV?	1-3	(-1,1)	
HS090	Do you have a computer?	1-3	(-1,1)	
HS100	Do you have a washing machine?	1-3	(-1,1)	

Variables List and Syntax checks

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
HS110	Do you have a car?	1-3	(-1,1)	
HS120	Ability to make ends meet	1-6	(-1,1)	
HS130	Lowest monthly income to make ends meet	1-99999999.99 (2 decimals)	(-1,1)	
HS140	Total housing cost is a financial burden	1-3	(-2,-1,1)	
HS150	Repayment of debts from hire purchases or loans are a financial burden to the household	1-3	(-2,-1,1)	
HS160	Problems with the dwelling: too dark not enough light	1-2	(-1,1)	
HS170	Noise from neighbours or noise from the street	1-2	(-1,1)	
HS180	Pollution grime or other environmental problems in area caused by traffic or industry	1-2	(-1,1)	
HS190	Crime violence or vandalism in the area	1-2	(-1,1)	
HH010	Dwelling type	1-5	(-1,1)	
HH021	Tenure status	1-5	(-1,1)	

Variables List and Syntax checks

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
HH030	Number of rooms available to household	1-10 (1 decimals)	(-1,1)	
HH031*	Year of contract or purchasing or installation	1900-2015	(-2,-1,1)	
HH040	Leaking roof/damp walls/floors/foundation or rot in window frames or floor	1-2	(-1,1)	
HH050	Ability to keep home adequately warm	1-2	(-1,1)	
HH060	Current rent related to occupied dwelling	1-99999999.99 (2 decimals)	(-2,-1,1)	HH021 not in (3,4)
HH061*	Subjective rent related to non-tenant paying rent at market price	1-99999999.99 (2 decimals)	(-2,-1,1)	(HH021 =3)
HH070	Total housing cost	0-99999999.99 (2 decimals)	(-1,1)	
HH071	Mortgage principal repayment	0-99999999.99 (2 decimals)	(-2,-1,1)	(HH021 ne 2)
HH081	Bath or shower in dwelling	1-3	(-1,1)	
HH091	Indoor flushing toilet for sole use of household	1-3	(-1,1)	
PB010	Year of the survey	2015		
PB020	Country	COUNTRY CODE		
PB030	Personal ID	ID		
PB040	Personal cross-sectional weight 16+	0-99999 (5 decimals)	(1)	
PB060	Personal cross-sectional weight for selected respondent	0-99999 (5 decimals)	(-3,-2,1)	
PB070	Personal design weight for selected respondent	0-99999 (5 decimals)	(-3,-2,1)	
PB090	Day of the personal interview	1-31	(-1,1)	
PB100	Month of the personal interview	1-12	(-1,1)	
PB110	Year of the personal interview	2015-2015	(-1,1)	
PB120	Number of minutes to complete the	1-90	(-2,-1,1)	
PB130	Month of birth	1-12	(-1,1)	
PB140	Year of birth	1900-1998	(-1,1)	
PB150	Sex	1-2	(-1,1)	
PB160	Father ID	101-99999999	(-2,-1,1)	
PB170	Mother ID	101-99999999	(-2,-1,1)	
PB180	Spouse/partner ID	101-99999999	(-2,-1,1)	
PB190	Marital status	1-5	(-1,1)	
PB200	Consensual Union	1-3	(-1,1)	

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
PB210	Country of birth	("BE","DK","DE","EL","ES","FR","IE","IT","LU","NL","AT","PT","FI","SE","UK","BG","CY","CZ","EE","HU","LV","LT","MT","PL","RO","SK","SI","IS","NO","CH","TR","HR","MK","ME","OEU","NAF","WAF","OAF","USA","CAN","CSA","NME","OAS","OCE","OTH","RS")	(-1,1)	
PB220A	Citizenship 1	("BE","DK","DE","EL","ES","FR","IE","IT","LU","NL","AT","PT","FI","SE","UK","BG","CY","CZ","EE","HU","LV","LT","MT","PL","RO","SK","SI","IS","NO","CH","TR","HR","MK","ME","OEU","NAF","WAF","OAF","USA","CAN","CSA","NME","OAS","OCE","OTH","RS")	(-1,1)	
PB220B	Citizenship 2	("BE","DK","DE","EL","ES","FR","IE","IT","LU","NL","AT","PT","FI","SE","UK","BG","CY","CZ","EE","HU","LV","LT","MT","PL","RO","SK","SI","IS","NO","CH","TR","HR","MK","ME","OEU","NAF","WAF","OAF","USA","CAN","CSA","NME","OAS","OCE","OTH","RS")	(-2,-1,1)	
PE010	Current education activity	1-2	(-1,1)	
PE020	ISCED level currently attended	(0,1,2,3,4,5,6,10,20,30,34,35,40,44,45,50,60,70,80)	(-2,-1,1)	PE010 ne 1
PE030	Year highest level of education attained	1900-2015	(-2,-1,1)	PE040=0
PE040	Highest ISCED level attained	(0,1,2,3,4,5,6,100,200,300,340,342,343,344,350,352,353,354,400,440,450,500,600,700,800)	(-1,1)	
PH010	General health	1-5	(-3,-1,1)	
PH020	Suffer from any chronic illness or condition	1-2	(-3,-1,1)	
PH030	Limitation in activities because health problems	1-3	(-3,-1,1)	
PH040	Unmet need for medical examination or treatment	1-2	(-3,-1,1)	
PH050	Reason for unmet need for medical examination or treatment	1-8	(-3,-2,-1,1)	PH040 ne 1

Variables List and Syntax checks

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
PH060	Unmet need for dental examination or treatment	1-2	(-3,-1,1)	
PH070	Reason for unmet need for dental	1-8	(-3,-2,-1,1)	PH060 ne 1
PL015	Have you ever worked?	1-2	(-2,-1,1)	(PL031 in (1,2,3,4))
PL020	Actively looking for a job	1-2	(-2,-1,1)	(PL031 in (1,2,3,4))
PL025	Available for work	1-2	(-2,-1,1)	PL020 ne 1
PL031	Self-defined current economic status	1-11	(-1,1)	
PL035*	Worked at least 1 hour ,previous week	1-2	(-3,-2,-1,1)	
PL040	Status in employment	1-4	(-2,-1,1)	(PL031 not in (1,2,3,4) and
PL051	Occupation/ISCO-08-COM	(11,12,13,14,21,22,23,24,25,26,31,32	(-2,-1,1)	(PL031 not in (1,2,3,4) and
PL060	Number of hours per week worked in main job	1-99	(-6,-2,-1,1)	(PL031 not in (1,2,3,4))
PL073	Number of months spent at full-time work as	0-12	(-1,1)	
PL074	Number of months spent at part-time work as	0-12	(-1,1)	
PL075	Number of months spent at full-time work as self-employed (including family worker)	0-12	(-1,1)	
PL076	Number of months spent at part-time work as self-employed (including family worker)	0-12	(-1,1)	
PL080	Number of months spent in unemployment	0-12	(-1,1)	
PL085	Number of months spent in retirement or early retirement	0-12	(-1,1)	
PL086	Number of months spent as disabled or/and unfit to work	0-12	(-1,1)	
PL087	Number of months spent studying	0-12	(-1,1)	
PL088	Number of months spent in compulsory military service	0-12	(-5,-1,1)	
PL089	Number of months spent fulfilling domestic	0-12	(-5,-1,1)	
PL090	Number of months spent in other inactivity	0-12	(-1,1)	
PL100	Total number of hours usually worked in second third jobs	1-99	(-2,-1,1)	
PL111	NACE Rev2	(01,02,03,05,06,07,08,09,10,11,12,13	(-3,-2,-1,1)	(PL031 not in (1,2,3,4))
PL120	Reason for working less than 30 hours	1-7	(-3,-2,-1,1)	(PL031 not in (1,2,3,4)) or sum(PL060,PL100) ge 30
PL130	Number of persons working at the local unit	1-15	(-3,-2,-1,1)	(PL031 not in (1,2,3,4))

Variables List and Syntax checks

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
PL140	Type of contract	1-2	(-4,-3,-2,-1,1)	PL040 ne 3
PL150	Managerial position	1-2	(-3,-2,-1,1)	PL040 ne 3
PL160*	Change of job since last year	1-2	(-3,-2,-1,1)	(PL031 not in (1,2,3,4))*
PL170*	Reason for change	1-7	(-3,-2,-1,1)	PL160 ne 1
PL180*	Most recent change in the individuals activity status	1-12	(-3,-2,-1,1)	
PL190*	When began first regular job	8-65	(-3,-2,-1,1)	
PL200*	Number of years spent in paid work	0-65	(-3,-2,-1,1)	
PL211A*	Main activity in January	1-11	(-3,-1,1)	
PL211B*	Main activity in February	1-11	(-3,-1,1)	
PL211C*	Main activity in March	1-11	(-3,-1,1)	
PL211D*	Main activity in April	1-11	(-3,-1,1)	
PL211E*	Main activity in May	1-11	(-3,-1,1)	
PL211F*	Main activity in June	1-11	(-3,-1,1)	
PL211G*	Main activity in July	1-11	(-3,-1,1)	
PL211H*	Main activity in August	1-11	(-3,-1,1)	
PL211I*	Main activity in September	1-11	(-3,-1,1)	
PL211J*	Main activity in October	1-11	(-3,-1,1)	
PL211K*	Main activity in November	1-11	(-3,-1,1)	
PL211L*	Main activity in December	1-11	(-3,-1,1)	
PY010N*	Net employee cash or near cash income	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY020N*	Net Non-Cash employee income	0-99999999.99 (2 decimals)	(-5,-4,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY021N*	Company car	0-99999999.99 (2 decimals)	(-5,-4,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY035N*	Contributions to individual pension plans	0-99999999.99 (2 decimals)	(-5,-1,0,1) +IF	
PY050N*	Net cash benefits or losses from self-employment	-1000000000-99999999.99 (2 decimals)	(-5,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
PY080N*	Regular pension from private plans	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY090N*	Unemployment benefits	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY100N*	Old-age benefits	0-99999999.99 (2 decimals)	(-5,-4,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY110N*	Survivor benefits	0-99999999.99 (2 decimals)	(-5,-4,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY120N*	Sickness benefits	0-99999999.99 (2 decimals)	(-5,-4,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY130N*	Disability benefits	0-99999999.99 (2 decimals)	(-5,-4,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY140N*	Education-related allowances	0-99999999.99 (2 decimals)	(-5,-1,0,11,12,13, 21,22,23,31,32,33, 41,42,43,51,52,53,55,61,62,63) +IF	
PY010G	Gross employee cash or near cash income	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
PY020G	Gross Non-Cash employee income	0-99999999.99 (2 decimals)	(-4,-1,0,1,2,3,4,5,6) +IF	
PY021G	Company car	0-99999999.99 (2 decimals)	(-4,-1,0,1,2,3,4,5,6) +IF	
PY030G	Employers social insurance contribution	0-99999999.99 (2 decimals)	(-1,0,1) +IF	
PY031G*	Optional employers social insurance contribution	0-99999999.99 (2 decimals)	(-1,0,1) +IF	
PY035G	Contributions to individual pension plans	0-99999999.99 (2 decimals)	(-1,0,1) +IF	
PY050G	Gross cash benefits or losses from self-employment	-1000000000-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
PY080G	Regular pension from private schemes	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
PY090G	Unemployment benefits	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
PY091G*	Unemployment benefits (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY092G*	Unemployment benefits (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY093G*	Unemployment benefits (non-contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY094G*	Unemployment benefits (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY100G	Old-age benefits	0-99999999.99 (2 decimals)	(-4,-1,0,1,2,3,4,5,6) +IF	
PY101G*	Old-age benefits (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY102G*	Old-age benefits (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY103G*	Old-age benefits (non-contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY104G*	Old-age benefits (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY110G	Survivor benefits	0-99999999.99 (2 decimals)	(-4,-1,0,1,2,3,4,5,6) +IF	
PY111G*	Survivor benefits (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY112G*	Survivor benefits (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY113G*	Survivor benefits (non-contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY114G*	Survivor benefits (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY120G	Sickness benefits	0-99999999.99 (2 decimals)	(-4,-1,0,1,2,3,4,5,6) +IF	
PY121G*	Sickness benefits (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY122G*	Sickness benefits (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY123G*	Sickness benefits (non-contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY124G*	Sickness benefits (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY130G	Disability benefits	0-99999999.99 (2 decimals)	(-4,-1,0,1,2,3,4,5,6) +IF	
PY131G*	Disability benefits (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
PY132G*	Disability benefits (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY133G*	Disability benefits (non-contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY134G*	Disability benefits (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY140G	Education-related allowances	0-99999999.99 (2 decimals)	(-1,0,1,2,3,4,5,6) +IF	
PY141G*	Education-related allowances (Contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY142G*	Education-related allowances (Contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY143G*	Education-related allowances (non-contributory and means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY144G*	Education-related allowances (non-contributory and non means-tested)	0-99999999.99 (2 decimals)	(2,1,-1,-2)	
PY200G	Gross monthly earnings for employees	0-99999999.99 (2 decimals)	(-2,-1,0,1,2,3,4,5,6) +IF	
PS010	Going to the cinema	1-6	(-7,-3,-1,1)	
PS020	Going to live performances	1-6	(-7,-3,-1,1)	
PS030	Visits to cultural sites	1-6	(-7,-3,-1,1)	
PS040	Attendance to live sport events	1-6	(-7,-3,-1,1)	
PS041	Practice of artistic activities	1-6	(-7,-3,-1,1)	
PS050	Frequency of getting together with family (relatives)	1-6	(-7,-3,-2,-1,1)	
PS060	Frequency of getting together with friends	1-6	(-7,-3,-2,-1,1)	
PS070	Frequency of contacts with family (relatives)	1-6	(-7,-3,-2,-1,1)	
PS080	Frequency of contacts with friends	1-6	(-7,-3,-2,-1,1)	
PS081	Communication via social media	1-6	(-7,-3,-1,1)	
PS090	Help from others	1-2	(-7,-3,-2,-1,1)	
PS091	Personal matters (anyone to discuss with)	1-2	(-7,-3,-1,1)	
PS100	Participation in informal voluntary activities	1-4	(-7,-3,-1,1)	
PS101	Participation in formal voluntary work	1-4	(-7,-3,-1,1)	
PS102	Active citizenship	1-4	(-7,-3,-1,1)	
HD080	Replacing worn-out furniture	1-3	(-7,-1,1)	
PD020	Replace worn-out clothes by some new (not second-hand) ones	1-3	(-7,-3,-1,1)	
PD030	Two pairs of properly fitting shoes (including a pair of all-weather shoes)	1-3	(-7,-3,-1,1)	

Variables List and Syntax checks

Variable	Label	Values	Flags / Imputation factor (+IF)	Not applicable if
PD050	Get-together with friends/family (relatives) for a drink/meal at least once a month	1-3	(-7,-3,-1,1)	
PD060	Regularly participate in a leisure activity such as sport, cinema, concert	1-3	(-7,-3,-1,1)	
PD070	Spend a small amount of money each week on yourself	1-3	(-7,-3,-1,1)	
PD080	Internet connection for personal use at home	1-3	(-7,-3,-1,1)	

Logical checks

#	Error/Warning	File(s) (join on)	Where
101	Structural - Error: DB030 - Duplicate ID numbers	D	having count(DB030) > 1 grouped by DB030
102	Structural - Error: DB130 - Household data record is missing in H-file (or to drop) or DB130 not filled correctly	D,H(DB030 = HB030)	(DB130 = 11 and DB135 = 1 and HB030 = .) or (DB130 ne 11 and HB030 ne .)
103	Structural - Error: DB135 - Records are missing in R- or P-file or DB135 not filled correctly	D,R(DB030 = RHID)	DB135 = 1 having min(rb250) not in (11,12,13) grouped by RHID
104	Structural - Error: DB135 - In R- or P-file records to drop (or are missing) or DB135 not filled correctly	D,R(DB030 = RHID)	DB135 ne 1 and RB250 in (11,12,13)
120	Structural - Error: RB030 - Duplicate ID numbers	R	having count(RB030) > 1 grouped by RB030
121	Structural - Error: RB030 - Corresponding household does not exist in D-file	R,D(RHID = DB030)	DB030 = .
123	Structural - Warning: RB210 - Age and basic activity status may be not consistent	R	AGE < 16 and RB210 in (1,2,3)
124	Structural - Warning: RB245 - Age and eligibility are not consistent	R	(AGE >= 16 and RB245 not in (1,2,3)) or (AGE < 16 and RB245 in (1,2,3))
125	Structural - Error: RB245 - Codes 1 and (2,3) cannot be mixed within the same household	R	RB245 in (1,2,3) having min(RB245) = 1 and max(RB245) in (2,3) grouped by RHID
126	Structural - Error: RB245 - Only one person can be selected respondant in the same household	R	RB245 = 2 having count(RB245) > 1 grouped by RHID
127	Structural - Error: RB250 - Data can be collected only from eligible persons	R	(RB250 in (11,12,13) and RB245 not in (1,2,3))
128	Structural - Error: RB250 - Personal data record is missing in P-file or RB250 not filled correctly	R,P(RB030 = PB030)	(RB250 in (11,12,13,14) and PB030 = .) or ((RB250 not in (11,12,13,14)) and PB030 ne .)
129	Structural - Error: RB270 - Proxy is not household member or does not exist	R,R(a.RB270 = b.RB030)	a.RB270_F ge 0 and a.RHID ne b.RHID
130	Structural - Error: RB270 - The person cannot be proxy for himself	R	RB270_F ge 0 and RB030 = RB270
131	Structural - Warning: RB080 RB090 - Age at date of interview is -1	H,R(RHID = HB030)	floor(((HB060*100+HB050) - (RB080*100+RB070))/100) = -1
	Structural - Error: HB030 - Duplicate ID numbers	H	having count(HB030) > 1 grouped by HB030
151	Structural - Error: HB070 - Person who filled in the questionnaire is not household member or does not exist	H,R(HB070 = RB030)	HB070_F ge 0 and RHID ne HB030
153	Structural - Error: HB080 - Person 1 responsible for the accomodation is not household member or does not exist	H,R(HB080 = RB030)	HB080_F ge 0 and RHID ne HB030
154	Structural - Warning: HB080 - Age of Person 1 responsible for the accomodation is below 16	H,R(HB080 = RB030)	HB080_F ge 0 and AGE < 16
155	Structural - Error: HB090 - Person 2 responsible for the accomodation is not household member or does not exist	H,R(HB090 = RB030)	HB090_F ge 0 and RHID ne HB030
156	Structural - Warning: HB090 - Age of Person 2 responsible for the accomodation is below 16	H,R(HB090 = RB030)	HB090_F ge 0 and AGE < 16

Logical checks

#	Error/Warning	File(s) (join on)	Where
157	Structural - Error: HB080 - Person 1 and person 2 responsible for the accomodation cannot be the same person	H	HB080_F ge 0 and HB080 = HB090
170	Structural - Error: PB030 - Duplicate ID numbers - DO NOT PROCESS FURTHER	P	having count(PB030) > 1 grouped by PB030
172	Structural - Error: PB130 PB140 PB150 - Birth date and sex must be equal in R- and P-file	P,R(PB030 = RB030)	(PB130 ne RB070) or (PB140 ne RB080) or (PB150 ne RB090)
173	Structural - Error: RB070 RB080 RB090 - Birth date or sex are missing	R	(RB080_F ne 1) or (RB090_F ne 1)
174	Structural - Warning: PB130 PB140 PB150 - Birth date or sex are missing	P	(PB130_F ne 1) or (PB140_F ne 1) or (PB150_F ne 1)
200	income - warning HY050G - not equal to the sum of its disaggregated components	H	HY050G ne sum(HY051G, HY052G, HY053G, HY054G,0) and sum (HY051G, HY052G, HY053G, HY054G,0) > 0
201	income - warning HY060G - not equal to the sum of its disaggregated components	H	HY060G ne sum(HY061G, HY062G, HY063G, HY064G,0) and sum(HY061G, HY062G, HY063G, HY064G,0) > 0
202	income - warning HY070G - not equal to the sum of its disaggregated components	H	HY070G ne sum(HY071G, HY072G, HY073G, HY074G,0) and sum(HY071G, HY072G, HY073G, HY074G,0) > 0
203	income - warning PY090G - not equal to the sum of its disaggregated components	P	PY090G ne sum(PY091G, PY092G,PY093G, PY094G,0) and sum(PY091G, PY092G,PY093G, PY094G,0) > 0
204	income - warning PY100G - not equal to the sum of its disaggregated components	P	PY100G ne sum(PY101G, PY102G,PY103G, PY104G,0) and sum(PY101G, PY102G,PY103G, PY104G,0) > 0
205	income - warning PY110G - not equal to the sum of its disaggregated components	P	PY110G ne sum(PY111G, PY112G,PY113G, PY114G,0) and sum(PY111G, PY112G,PY113G, PY114G,0) > 0
206	income - warning PY120G - not equal to the sum of its disaggregated components	P	PY120G ne sum(PY121G, PY122G,PY123G, PY124G,0) and sum(PY121G, PY122G,PY123G, PY124G,0) > 0
207	income - warning PY130G - not equal to the sum of its disaggregated components	P	PY130G ne sum(PY131G, PY132G,PY133G, PY134G,0) and sum(PY131G, PY132G,PY133G, PY134G,0) > 0
208	income - warning PY140G - not equal to the sum of its disaggregated components	P	PY140G ne sum(PY141G, PY142G,PY143G, PY144G,0) and sum(PY141G, PY142G,PY143G, PY144G,0) > 0
301	Relationchip - Error: RB220 - Father is not household member or does not exist	R,R(a.RB220 = b.RB030)	a.RB220_F ge 0 and a.RHID ne b.RHID
302	Relationchip - Error: RB220 - The person cannot be his own father	R	RB030 = RB220
303	Relationchip - Error: RB230 - Mother is not household member or does not exist	R,R(a.RB230 = b.RB030)	a.RB230_F ge 0 and a.RHID ne b.RHID
304	Relationchip - Error: RB230 - The person cannot be his own mother	R	RB030 = RB230
305	Relationchip - Error: RB240 - Spouse/partner is not household member or does not exist	R,R(a.RB240 = b.RB030)	a.RB240_F ge 0 and a.RHID ne b.RHID

Logical checks

#	Error/Warning	File(s) (join on)	Where
306	Relationchip - Error: RB240 - The person cannot be his own spouse/partner	R	RB030 = RB240
307	Relationchip - Error: PB160 PB170 PB180 - Parents and/or spouse/partner must be equal in R- and P-file	P,R(PB030 = RB030)	(PB160_F ge 0 and PB160 ne RB220) or (PB170_F ge 0 and PB170 ne RB230) or (PB180_F ge 0 and PB180 ne RB240)
310	Relationchip - Error: RB240 - The spouse/partner is not the same for both	R,R(a.RB240 = b.RB030)	a.RB240_F > 0 and a.RB030 ne b.RB240
311	Relationchip - Error: RB240 - Parents of spouses/partners must be different	R,R(a.RB240 = b.RB030)	(a.RB220_F ge 0 and a.RB220 = b.RB220) or (a.RB230_F ge 0 and a.RB230 = b.RB230)
312	Relationchip - Error: RB220 - Sex of father cannot be female	R,R(a.RB220 = b.RB030)	b.RB090 = 2
313	Relationchip - Error: RB230 - Sex of mother cannot be male	R,R(a.RB230 = b.RB030)	b.RB090 = 1
315	Relationchip - Warning: RB230 - Child should be at least 15 years younger than its mother	R,R(a.RB230 = b.RB030)	a.RB230_F ge 0 and b.AGE - a.AGE < 15 and a.AGE ge 0 and b.AGE ge 0
320	Relationchip - Error: PB180 PB190 PB200 - Person has a spouse/partner but never married and no consensual union	P	PB180_F ge 0 and (PB190 = 1 and PB200 = 3)
501	Income - Error: HY030 - No corresponding gross value	H	HY030N ne 0 and HY030N ne . And HY030G in (0,.)
502	Income - Error: HY040 - No corresponding gross value	H	HY040N ne 0 and HY040N ne . And HY040G in (0,.)
503	Income - Error: HY050 - No corresponding gross value	H	HY050N ne 0 and HY050N ne . And HY050G in (0,.)
504	Income - Error: HY060 - No corresponding gross value	H	HY060N ne 0 and HY060N ne . And HY060G in (0,.)
505	Income - Error: HY070 - No corresponding gross value	H	HY070N ne 0 and HY070N ne . And HY070G in (0,.)
506	Income - Error: HY080 - No corresponding gross value	H	HY080N ne 0 and HY080N ne . And HY080G in (0,.)
507	Income - Error: HY090 - No corresponding gross value	H	HY090N ne 0 and HY090N ne . And HY090G in (0,.)
508	Income - Error: HY100 - No corresponding gross value	H	HY100N ne 0 and HY100N ne . And HY100G in (0,.)
509	Income - Error: HY110 - No corresponding gross value	H	HY110N ne 0 and HY110N ne . And HY110G in (0,.)
510	Income - Error: HY120 - No corresponding gross value	H	HY120N ne 0 and HY120N ne . And HY120G in (0,.)
511	Income - Error: HY130 - No corresponding gross value	H	HY130N ne 0 and HY130N ne . And HY130G in (0,.)
512	Income - Error: HY140 - No corresponding gross value	H	HY140N ne 0 and HY140N ne . And HY140G in (0,.)
513	Income - Error: PY010 - No corresponding gross value	P	PY010N ne 0 and PY010N ne . And PY010G in (0,.)
514	Income - Error: PY020 - No corresponding gross value	P	PY020N ne 0 and PY020N ne . And PY020G in (0,.)
515	Income - Error: PY021 - No corresponding gross value	P	PY021N ne 0 and PY021N ne . And PY021G in (0,.)
516	Income - Error: PY035 - No corresponding gross value	P	PY035N ne 0 and PY035N ne . And PY035G in (0,.)
517	Income - Error: PY050 - No corresponding gross value	P	PY050N ne 0 and PY050N ne . And PY050G in (0,.)
519	Income - Error: PY080 - No corresponding gross value	P	PY080N ne 0 and PY080N ne . And PY080G in (0,.)
520	Income - Error: PY090 - No corresponding gross value	P	PY090N ne 0 and PY090N ne . And PY090G in (0,.)
521	Income - Error: PY100 - No corresponding gross value	P	PY100N ne 0 and PY100N ne . And PY100G in (0,.)
522	Income - Error: PY110 - No corresponding gross value	P	PY110N ne 0 and PY110N ne . And PY110G in (0,.)
523	Income - Error: PY120 - No corresponding gross value	P	PY120N ne 0 and PY120N ne . And PY120G in (0,.)

Logical checks

#	Error/Warning	File(s) (join on)	Where
524	Income - Error: PY130 - No corresponding gross value	P	PY130N ne 0 and PY130N ne . And PY130G in (0,.)
525	Income - Error: PY140 - No corresponding gross value	P	PY140N ne 0 and PY140N ne . And PY140G in (0,.)
550	Income - Error: HY010 - No total household income , but components with income	H,P(HB030 = PHID)	having HY010 = 0 and sum(HGROINC,PGROINC,0) ne 0 grouped by HB030
551	Income - Error: HY020 - No disposible household income , but components with income	H,P(HB030 = PHID)	having HY020 = 0 and sum(HNETINC,PNETINC,0) ne 0 grouped by HB030
553	Income - Error: HY110 - Income received by people aged under 16 but no member under 16 in household	H,R(HB030 = RHID)	sum(HY110N,HY110G,0) > 0 having min(AGE) ge 16 grouped by HB030
560	Income - Warning: HY010 - Great difference between total and components	H	HY010 > 0 and (HY010 < gross * 0.97 or HY010 > gross * 1.03)
565	Income - Error: HY020 - Must be equal or greater HY022	H	HY020 > 0 and HY022 > HY020
566	Income - Error: HY022- Must be equal or greater HY023	H	HY022 > 0 and HY023 > HY022
567	Income - Warning: HY020 - Great difference between total and components	H	HY020 > 0 and (HY020 < net20 * 0.97 or HY020 > net20 * 1.03)
585	Income - Warning: HY020 HH070 - Total housing cost > total net income	H	HH070 > 0 and (HH070 * 12) > HY020
586	Income - Error: PY020G should include company car (PY021G)	P	(PY020G < PY021G)
601	Child Care - Error: RL010 - Value of variable not possible because of age	R	(RL010_F = 1 and age gt 12)
602	Child Care - Error: RL020 - Value of variable not possible because of age	R	(RL020_F = 1 and age gt 12)
603	Child Care - Error: RL030 - Value of variable not possible because of age	R	(RL030_F = 1 and age gt 12)
604	Child Care - Error: RL040 - Value of variable not possible because of age	R	(RL040_F = 1 and age gt 12)
605	Child Care - Error: RL050 - Value of variable not possible because of age	R	(RL050_F = 1 and age gt 12)
606	Child Care - Error: RL060 - Value of variable not possible because of age	R	(RL060_F = 1 and age gt 12)
607	Child Care - Error: RL010,RL020 - Child cannot be at pre-school and compulsory school in the same week	R	RL010 > 0 and RL020 > 0
608	Child Care - Error: RL030 - May be filled only if child is at (pre-)school	R	RL010_F = -2 and RL020_F = -2 and RL030_F = 1
609	Child Care - Warning: RL010 - Value of variable shall be 0 if the question is asked	R	(RL010_F = -1 and age le 12)
610	Child Care - Warning: RL020 - Value of variable shall be 0 if the question is asked	R	(RL020_F = -1 and age le 12)

Logical checks

#	Error/Warning	File(s) (join on)	Where
611	Child Care - Warning: RL030 - Value of variable shall be 0 if the question is asked	R	(RL030_F = -1 and age le 12)
612	Child Care - Warning: RL040 - Value of variable shall be 0 if the question is asked	R	(RL040_F = -1 and age le 12)
613	Child Care - Warning: RL050 - Value of variable shall be 0 if the question is asked	R	(RL050_F = -1 and age le 12)
614	Child Care - Warning: RL060 - Value of variable shall be 0 if the question is asked	R	(RL060_F = -1 and age le 12)
615	Child Care - Warning: Vaule for RL070 not realistic	R	(RL070_F = 1 and (RL070 le 1 or RL070 ge 20000))
616	Child Care - Error: Sum of weekly hours greater than 168	R	sum(RL010,RL020,RL030,RL040,RL050,RL060,0) gt 168
617	Child Care - RL030 filled in but not RL010 and RL020	R	(RL030_F = 1 and ((RL010 = 0 or RL010 is missing) and (RL020 = 0 or RL020 is missing)))
618	Child Care - Warning: RL030 not filled but RL010 or RL020 filled in	R	((RL010_F = 1 or RL020_F = 1) and RL030_F= -1)
702	Education - Warning: PE010 - Not in education but undergoing education or training	P	PE010 = 2 and PL120 = 1
703	Education - Error: PE030 - Highest level of education attained before born	P	PE030_F = 1 and PE030 < PB140
704	Education - Warning: PE030 - Year highest level of education attained not plausible	P	PE030_F = 1 and ((PE040 in (1,2) and PE030 < PB140+9) or (PE040 = 3 and PE030 < PB140+15) or (PE040 > 3 and PE030 < PB140+18))
750	Labour - Warning: PL160 = 2 but different PL051 (ISCO)	P,P(a.PB030 = b.PB030)	a.PB010 = b.PB010+1 and a.PL160 =2 and (a.PL051 ne b.PL051) and b.PL051 ne .
751	Labour - Error: PL... - Not non-selected respondant but code -3 is used	P	(PL035_F=-3 or PL015_F=-3 or PL111_F=-3 or PL120_F=-3 or PL130_F=-3 or PL140_F=-3 or PL150_F=-3) and SELRES ne 3
753	Labour - Error: PL073 - PL090 - Sum of months not equal to 12 or 0	P	sum(PL073,PL074, PL075, PL076, PL080,PL085, PL086, PL087, PL088, PL089, PL090,0) not in (12, 0)
754	Labour - Warning:PL085 Nr of Months in Retirement > 1 but younger than 27	P,R(PB030 = RB030)	(b.AGE < 27 and PL085 >1)
755	Labour - Warning: PL088 Nr of Months in compulsory military service > 1 but younger than 18 or older than 55	P,R(PB030 = RB030)	((b.AGE <18 or b.AGE > 55) and PL088 >1)
756	Labour - Warning: PL031 Self defined economic status as in compulsory military service but younger than 18 or older than 55	P,R(PB030 = RB030)	((b.AGE <18 or b.AGE > 55) and PL031=9)
757	Labour - Warning: PL031 PL060 PL100 Nr of hours usually worked is greater than 35 hours per week while the self-declared status is part-time	P	(Sum(PL060, PL100)>35 and PL031 in (2,4))

Logical checks

#	Error/Warning	File(s) (join on)	Where
758	Labour - Warning: PL031 PL060 PL100 Nr of hours usually worked is less than 20 hours per week while the self-declared status is full-time	P	(Sum(PL060, PL100)<20 and PL031 in (1,3))
800	Health - Error: PH... - Not non-selected respondant but code -3 is used	P	(PH010_F=-3 or PH020_F=-3 or PH030_F=-3 or PH040_F=-3 or PH050_F=-3 or PH060_F=-3 or PH070_F=-3) and SELRES ne 3
801	Housing Cost - Error: Rent is higher than total housing cost	H	(HH060 > HH070)
850	Basic Data - Error: PB060 PB070 - Not selected respondant but value is filled	P	(PB060_F= 1 or PB070_F= 1) and SELRES ne 2
851	Basic Data - Error: PB060 PB070 Selected respondant but value is not filled	P	PB060_F ne 1 and PB070_F ne 1 and SELRES = 2

Variable List

Variables with * are optional (they may be mandatory for some Member States; see Regulations)

+IF: concatenate the Imputation Factor to the flag value(s)

Syntax checks - missing values

from 2008 on the % of missing (-1) is checked with the syntax checks

Logical checks - supplementary variables

Logical c AGE = age at end of income reference period

RHID, PHID = current HID

SELRES = RB245

HGROINC = sum(HY040G,HY050G,HY060G,HY070G,HY080G,HY090G,HY110G) [total gross]

HNINCS = sum(HY050G,HY060G,HY070G) [social benefits]

HNETINC = HGROINC - sum(HY120G,HY130G,HY140G,0) [total net]

PGROINC = sum(PY010G,PY021G,PY050G,PY080G,PY090G,PY100G,PY110G,PY120G,PY130G,PY140G) [total gross]

PNINCS = sum(PY090G,PY120G,PY130G,PY140G) [social benefits without old-age]

PNINCP = sum(PY100G,PY110G) [old-age]

PNETINC = PGROINC [total net]

gross = HGROINC + sum(PGROINC) by household

net20 = HNETINC + sum(PNETINC) by household

Net Income is calculated with gross values !