

Croatia 2011

1 Survey Description

Survey: EU Statistics on Income and Living Conditions household and individual survey (EU-SILC), carried out by the Statistical Office of the European Union, for the 2011

Link to the document: <https://www.geis.org/en/missy/metadata/EU-SILC/2011/#HR>

Sample: The detail of the sampling desing used for this survey is not available for consultation. There are 14,403 individuals in the total sample and 6,070 individuals in the analysis sample. Section 3 of this document describes the prevalence and pattern of missing data.

Weights: The waithing method used in this survey is not available for consultation

Outcome: The outcome variables are annual equivalized household disposable total (*eq_iinc*) income in dollars PPP 2017.¹

Circumstances:

- Sex (female, male)
- Country of birth 'Birthplace' (Same country as country of residence, any european country except country of residence or, any other country, described in table 1)
- Fathers's edu. (levels of education, described in Table 2)
- Mother's edu. (levels of education, described in Table 2)
- Father's occ. (11 categories, 10 from 1-Digit ISCO + one category including death/unknown/unemployed, described in Table 3)
- Mother's occ. (11 categories, 10 from 1-Digit ISCO + one category including death-unknown-unemployed, described in Table 3)

¹Income variable was equivalized using the square root scale.

2 Descriptive Statistics

Table 1: Respondant's socio-demographics - 2011

	Analysis sample	Total sample
	(N=6,070)	(N=14,403)
Gender		
Mean (SD)	1.51 (0.500)	1.53 (0.499)
Median [Min, Max]	2.00 [1.00, 2.00]	2.00 [1.00, 2.00]
Region of birth		
1 Local	5,394 (88.9%)	12,729 (88.4%)
2 European Union	80 (1.3%)	166 (1.2%)
3 Other	596 (9.8%)	1,508 (10.5%)

Table 2: Parental education - 2011

	Analysis sample	Total sample
	(N=6,070)	(N=14,403)
Father's education (years)		
0 Unknown	50 (0.8%)	56 (0.4%)
1 None	52 (0.9%)	54 (0.4%)
2 Low	3,392 (55.9%)	3,638 (25.3%)
3 Medium	2,175 (35.8%)	3,463 (24.0%)
4 High	401 (6.6%)	626 (4.3%)
Missing	0 (0%)	6,566 (45.6%)
Mother's education (levels)		
0 Unknown	8 (0.1%)	9 (0.1%)
1 None	112 (1.8%)	138 (1.0%)
2 Low	4,455 (73.4%)	4,882 (33.9%)
3 Medium	1,251 (20.6%)	1,613 (11.2%)
4 High	244 (4.0%)	310 (2.2%)
Missing	0 (0%)	7,451 (51.7%)

Table 3: Parental occupation - 2011

	Analysis sample	Total sample
	(N=6,070)	(N=14,403)
Father's occupation (ISCO)		
0 Dead/unknown/not working	707 (11.6%)	921 (6.4%)
1 Manager	158 (2.6%)	242 (1.7%)
2 Professional	253 (4.2%)	374 (2.6%)
3 Technician	539 (8.9%)	808 (5.6%)
4 Clerical	230 (3.8%)	327 (2.3%)
5 Service	439 (7.2%)	649 (4.5%)
6 Agriculture	357 (5.9%)	479 (3.3%)
7 Craft/Trades	1,303 (21.5%)	1,721 (11.9%)
8 Plant Operator	623 (10.3%)	945 (6.6%)
9 Elementary	1,407 (23.2%)	1,662 (11.5%)
10 Armed forces	54 (0.9%)	57 (0.4%)
Missing	0 (0%)	6,218 (43.2%)
Mother's occupation (ISCO)		
0 Dead/unknown/not working	3,605 (59.4%)	4,245 (29.5%)
1 Manager	28 (0.5%)	41 (0.3%)
2 Professional	312 (5.1%)	545 (3.8%)
3 Technician	230 (3.8%)	378 (2.6%)
4 Clerical	273 (4.5%)	480 (3.3%)
5 Service	406 (6.7%)	806 (5.6%)
6 Agriculture	181 (3.0%)	272 (1.9%)
7 Craft/Trades	219 (3.6%)	390 (2.7%)
8 Plant Operator	82 (1.4%)	219 (1.5%)
9 Elementary	733 (12.1%)	1,019 (7.1%)
10 Armed forces	1 (0.0%)	1 (0.0%)
Missing	0 (0%)	6,007 (41.7%)

Table 4: Respondant's income - 2011

	N	Mean	SD	Median	Min	Max	Missing
Analysis sample	6,070	15,969	9,177	14,301	69.97	94,716	0
Total sample	14,403	14,911	8,947	13,389	69.26	94,716	80

3 Missing data analysis

3.1 Missing patterns

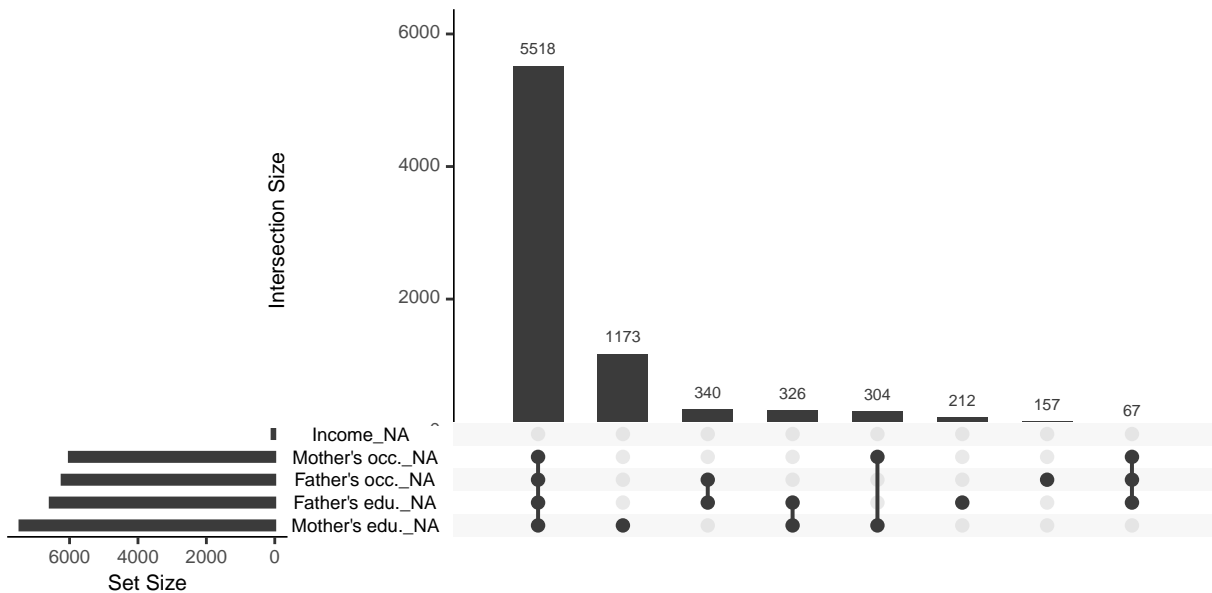


Figure 1: Missing patterns: *Left*: Marginal distribution of missing observations per variable. *Right*: Combination of missingness across cases

3.2 Differences in expected total equivalized household income between samples

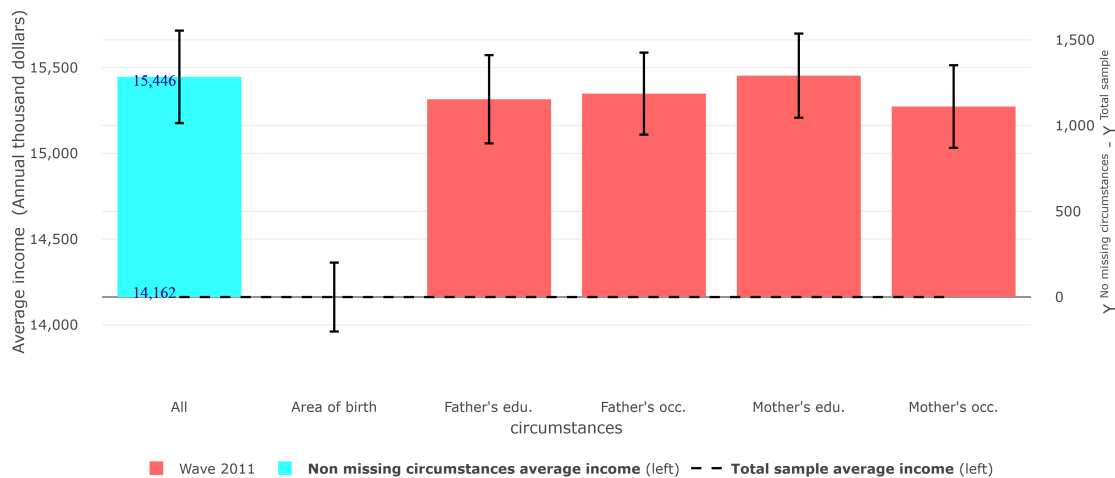


Figure 2: Differences in expected total equivalized household income between the sample with non-missing circumstances and the total sample

3.3 Gini coefficient

Table 5: Gini coefficient in analysis sample and total sample

Wave	Sample	Gini	Lower bound	Upper bound	Average income
Wave 2011	Analysis sample	0.304	0.303	0.317	15,446
Wave 2011	Total sample	0.314	0.315	0.324	14,162

3.4 Differences in Gini coefficient between samples

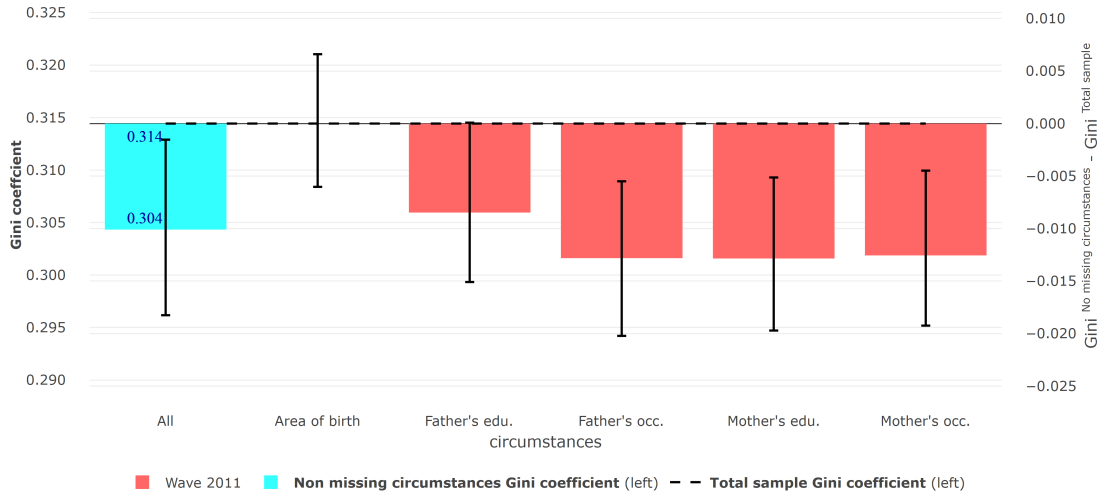


Figure 3: Differences in Gini coefficient between the sample with non-missing circumstances and the total sample