

Italy 2019

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 2019

Link to the document: <https://www.geis.org/en/missy/metadata/EU-SILC/2019/#IT>

Sample: The survey employed a comprehensive sampling approach, incorporating probabilistic, systematic, stratified, and multi-stage designs for a robust representation of the population. There are 37,961 individuals in the total sample and 19,410 individuals in the analysis sample. Section 3 of this document describes the prevalence and pattern of missing data.

Weights: To explore the weighting method see Eurostat (2019). National Reference Metadata in ESS Standard for Quality Reports Structure (ESQRSSI)

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 - 2019

	Analysis sample	Total sample
	(N=19,410)	(N=37,961)
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	16,785 (86.5%)	34,326 (90.4%)
2 European Union	898 (4.6%)	1,273 (3.4%)
3 Other	1,727 (8.9%)	2,354 (6.2%)
Missing	0 (0%)	8 (0.0%)

Table 2: Parental education - 2019

	Analysis sample	Total sample
	(N=19,410)	(N=37,961)
Father's education (years)		
0 Unknown	1,845 (9.5%)	1,908 (5.0%)
1 Low	10,937 (56.3%)	11,445 (30.1%)
2 Medium	5,174 (26.7%)	5,657 (14.9%)
3 High	1,454 (7.5%)	1,547 (4.1%)
Missing	0 (0%)	17,404 (45.8%)
Mother's education (levels)		
0 Unknown	1,380 (7.1%)	1,458 (3.8%)
1 Low	12,156 (62.6%)	12,878 (33.9%)
2 Medium	4,861 (25.0%)	5,628 (14.8%)
3 High	1,013 (5.2%)	1,155 (3.0%)
Missing	0 (0%)	16,842 (44.4%)

Table 3: Parental occupation - 2019

	Analysis sample	Total sample
	(N=19,410)	(N=37,961)
Father's occupation (ISCO)		
0 Dead/unknown/not working	2,276 (11.7%)	2,365 (6.2%)
1 Manager	923 (4.8%)	966 (2.5%)
2 Professional	1,520 (7.8%)	1,582 (4.2%)
3 Technician	1,854 (9.6%)	1,953 (5.1%)
4 Clerical	1,128 (5.8%)	1,190 (3.1%)
5 Service	1,520 (7.8%)	1,615 (4.3%)
6 Agriculture	1,046 (5.4%)	1,071 (2.8%)
7 Craft/Trades	4,363 (22.5%)	4,547 (12.0%)
8 Plant Operator	2,228 (11.5%)	2,342 (6.2%)
9 Elementary	2,236 (11.5%)	2,352 (6.2%)
10 Armed forces	316 (1.6%)	323 (0.9%)
Missing	0 (0%)	17,655 (46.5%)
Mother's occupation (ISCO)		
0 Dead/unknown/not working	11,022 (56.8%)	11,654 (30.7%)
1 Manager	320 (1.6%)	346 (0.9%)
2 Professional	1,232 (6.3%)	1,358 (3.6%)
3 Technician	892 (4.6%)	1,011 (2.7%)
4 Clerical	915 (4.7%)	1,019 (2.7%)
5 Service	1,604 (8.3%)	1,770 (4.7%)
6 Agriculture	491 (2.5%)	510 (1.3%)
7 Craft/Trades	927 (4.8%)	987 (2.6%)
8 Plant Operator	636 (3.3%)	689 (1.8%)
9 Elementary	1,362 (7.0%)	1,487 (3.9%)
10 Armed forces	9 (0.0%)	9 (0.0%)
Missing	0 (0%)	17,121 (45.1%)

Table 4: Respondant's income - 2019

	N	Mean	SD	Median	Min	Max	Missing
Analysis sample	19,410	28,521	17,948	25,686	12.8	260,327	0
Total sample	37,961	28,544	18,844	25,013	12.8	387,502	276

3 Missing data analysis

3.1 Missing patterns

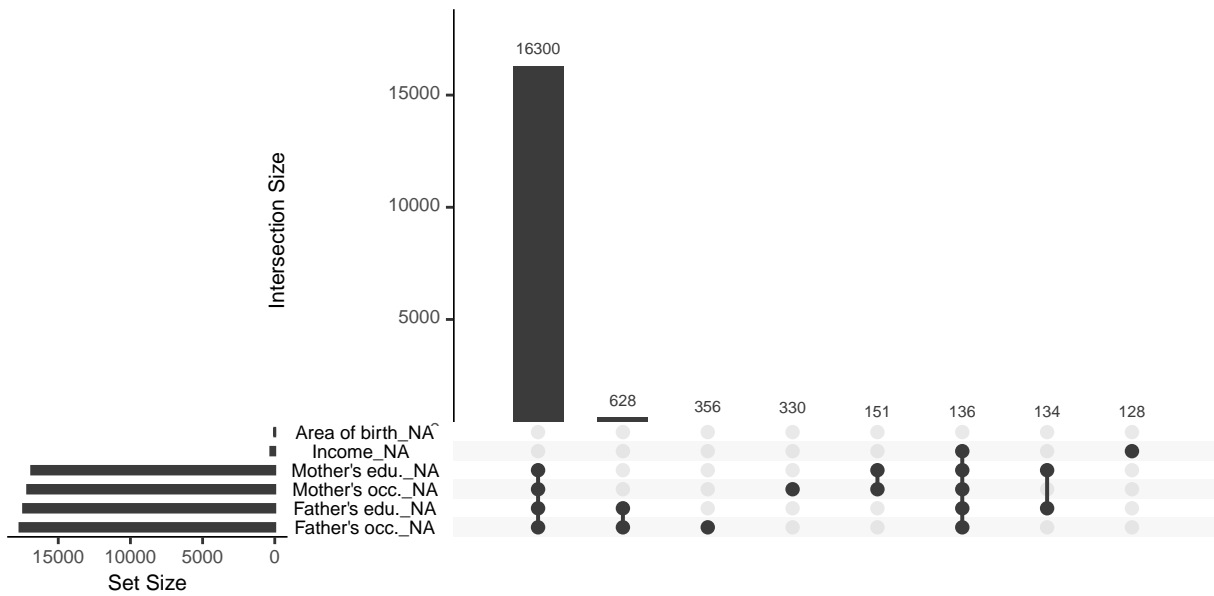


Figure 1: Missing patterns: *Left:* Marginal distribution of missing observations per variable. *Right:* Combination of missingness across cases

3.2 Differences in expected total equivalized household income between samples

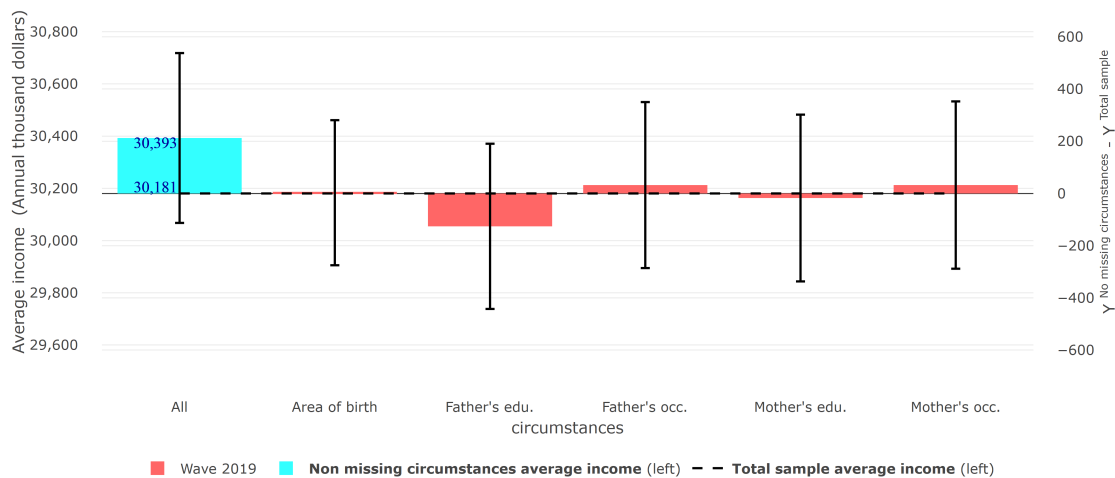


Figure 2: Differences in expected total equivalized household income between the sample with non-missing circumstances and the total sample

3.3 Gini coefficient

Table 5: Gini coefficient in analysis sample and total sample

Wave	Sample	Gini	Lower bound	Upper bound	Average income
Wave 2019	Analysis sample	0.315	0.297	0.307	30,393
Wave 2019	Total sample	0.324	0.310	0.317	30,181

3.4 Differences in Gini coefficient between samples

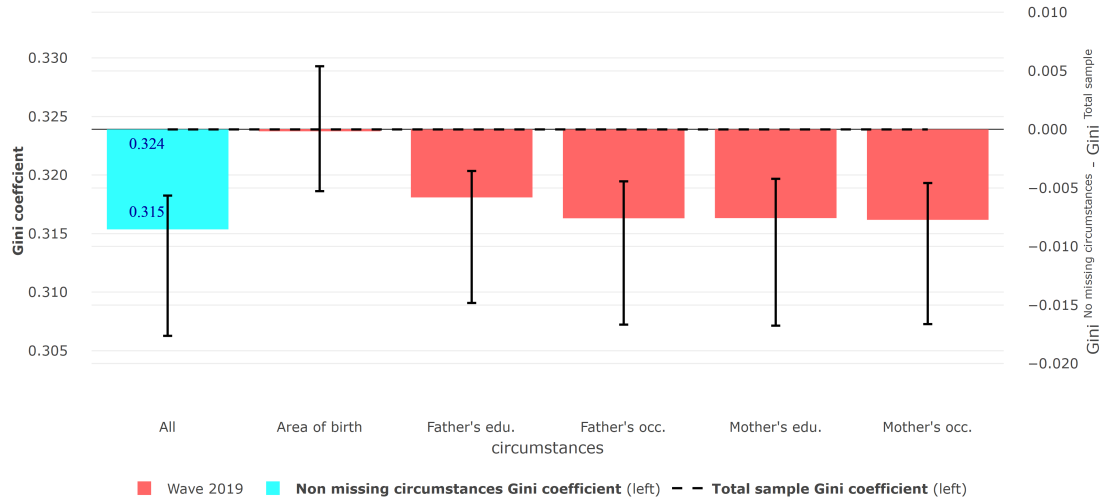


Figure 3: Differences in Gini coefficient between the sample with non-missing circumstances and the total sample