Ireland 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.gesis.org/en/missy/metadata/EU-SILC/2019/#IE

Sample: The survey employed a comprehensive sampling approach, incorporating probabilistic, random, stratified,and multi-stage designs for a robust representation of the population. There are 8,009 individuals in the total sample and 4,172 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)

[1] Income variable was equivalized using the square root scale.

2 Descriptive Statistics

Table 1: Respondant's socio-demographics - 2019

	Analisis sample	Total sample
	(N=4,172)	(N=8,009)
Gender		
Mean (SD)	1.53 (0.499)	1.52 (0.500)
Median [Min, Max]	2.00 [1.00, 2.00]	2.00 [1.00, 2.00]
Region of birth		
1 Local	3,338 (80.0%)	6,578 (82.1%)
2 European Union	560 (13.4%)	977 (12.2%)
3 Other	274 (6.6%)	412 (5.1%)
Missing	0 (0%)	42 (0.5%)

Table 2: Parental education - 2019

	Analisis sample	Total sample
	(N=4,172)	(N=8,009)
Father's education (years)		
0 Unknown	358 (8.6%)	379 (4.7%)
1 Low	1,651 (39.6%)	1,794 (22.4%)
2 Medium	1,348 (32.3%)	1,516 (18.9%)
3 High	815 (19.5%)	907 (11.3%)
Missing	0 (0%)	3,413 (42.6%)
Mother's education (levels)		
0 Unknown	98 (2.3%)	101 (1.3%)
1 Low	1,667 (40.0%)	1,843 (23.0%)
2 Medium	1,581 (37.9%)	1,827 (22.8%)
3 High	826 (19.8%)	972 (12.1%)
Missing	0 (0%)	3,266 (40.8%)

Table 3: Parental occupation - 2019

	Analisis sample	Total sample
	(N=4,172)	(N=8,009)
Father's occupation (ISCO)		
0 Dead/unknown/not working	607 (14.5%)	983 (12.3%)
1 Manager	351 (8.4%)	380 (4.7%)
2 Professional	375 (9.0%)	403 (5.0%)
3 Technician	330 (7.9%)	356 (4.4%)
4 Clerical	138 (3.3%)	149 (1.9%)
5 Service	1,214 (29.1%)	1,323 (16.5%)
6 Agriculture	74 (1.8%)	82 (1.0%)
7 Craft/Trades	171 (4.1%)	189 (2.4%)
8 Plant Operator	526 (12.6%)	588 (7.3%)
9 Elementary	386 (9.3%)	433 (5.4%)
Missing	0 (0%)	3,123 (39.0%)
Mother's occupation (ISCO)		
0 Dead/unknown/not working	2,258 (54.1%)	2,802 (35.0%)
1 Manager	141 (3.4%)	170 (2.1%)
2 Professional	414 (9.9%)	447 (5.6%)
3 Technician	88 (2.1%)	99 (1.2%)
4 Clerical	262 (6.3%)	297 (3.7%)
5 Service	290 (7.0%)	354 (4.4%)
6 Agriculture	170 (4.1%)	185 (2.3%)
7 Craft/Trades	138 (3.3%)	158 (2.0%)
8 Plant Operator	107 (2.6%)	131 (1.6%)
9 Elementary	304 (7.3%)	354 (4.4%)
Missing	0 (0%)	3,012 (37.6%)

Table 4: Respondant's income - 2019

	N	Mean	SD	Median	Min	Max	Missing
Analisis sample	4,172	37,358	24,070	32,907	1,682.4	548,512	0
Total sample	8,009	34,645	24,772	29,812	203.1	789,071	0

3 Missing data analysis

3.1 Missing patterns

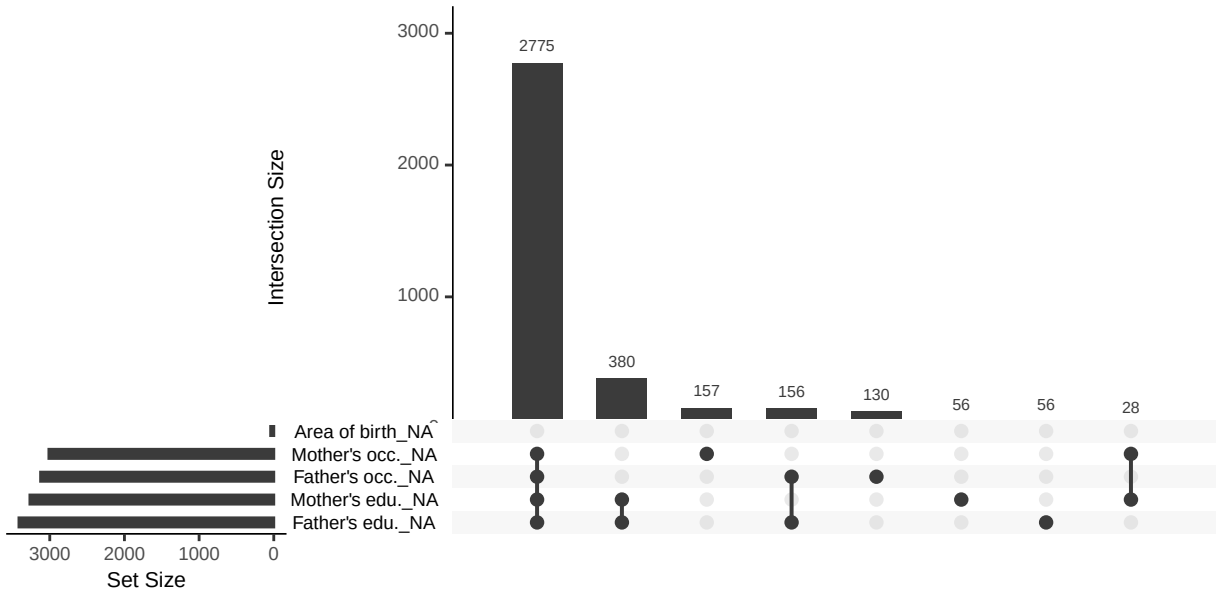

Figure 1: Missing patterns: *Left:* Marginal distribution of missing observations per variable. *Right:* Combination of missingness across cases

3.2 Differences in expected total equivalized household income between samples

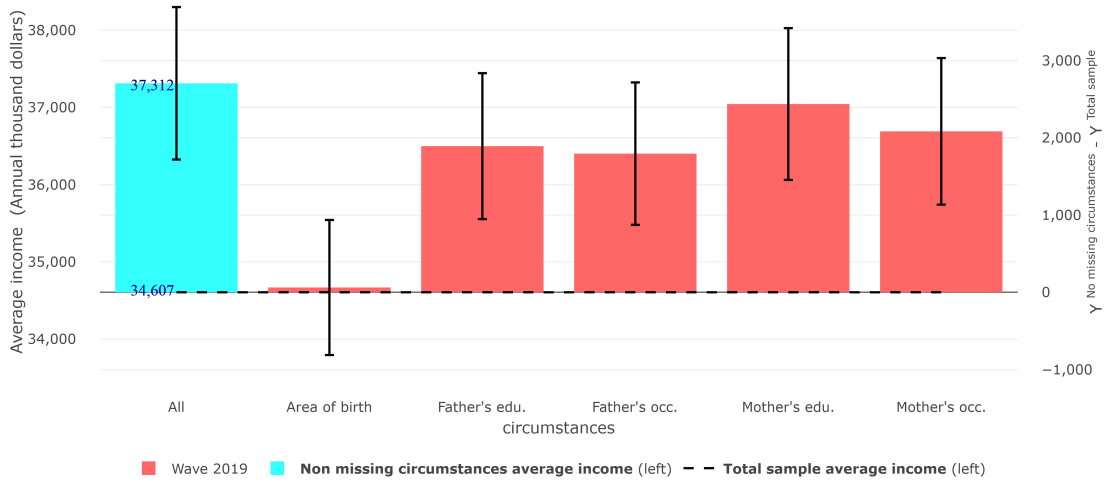

Figure 2: Differences in expected equivalized household income between the sample with non-missing circumstances and the total sample

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	0.278	0.271	0.299	37,312
Wave 2019	Total sample	0.293	0.293	0.318	34,607

3.4 Differences in Gini coefficient between samples

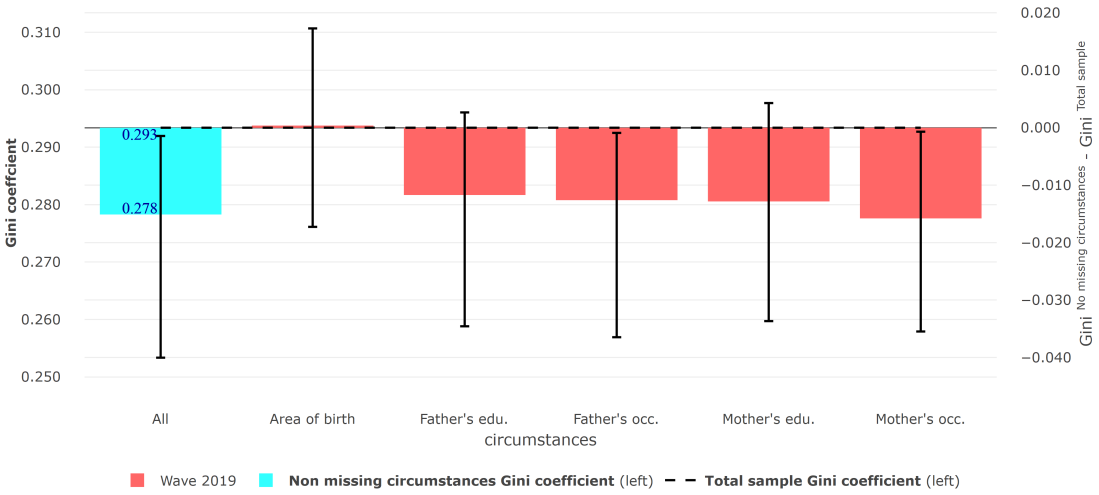

Figure 3: Differences in Gini coefficient between the sample with non-missing circumstances and the total sample