

Peru 2006

1 Survey Description

Survey: Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza (ENAHO), carried out by the National Institute of Statistics and Informatics (INEI) of Peru, for the year 2006.

Link to the document: http://webinei.inei.gob.pe/anda_inei/index.php/catalog/360

Sample: The survey was conducted between January and December 2006. The ENAHO collects information from 24 states and is nationally representative. The sample considered is restricted to adult individuals aged 19 to 60 with information about outcome and circumstances (36,618 individuals). Section 3 of this document describes the prevalence and pattern of missing data., 54,080 individuals in the total sample and 23,722 individuals in the analysis sample. Section 3 of this document describes the prevalence and pattern of missing data.

Weights: The weights are the inverse of the probability that the observation is included because of the sampling design. It could be understood as the number of individuals in the population that an individual represents in the sample according to the 2007 Population Census and demographic projections (*weights*).

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

Circumstances:

- Sex (female, male)
- Race 'Ethnicity' (indigenous, afro-descendant and others, described in Table 1)
- Region of birth 'Birthplace' (25 provinces, described in Table 1)
- Father's edu. (years of education (maximum 15), described in Table 2)
- Mother's edu. (years of education (maximum 15), described in Table 2)

¹Income variable was equivalized using the square root scale.

2 Descriptive Statistics

Table 1: Respondant's socio-demographics - 2006

	Analysis sample	Total sample
	(N=23,722)	(N=54,080)
Gender		
0 Female	7,073 (29.8%)	27,415 (50.7%)
1 Male	16,649 (70.2%)	26,665 (49.3%)
Ethnicity		
1 White	581 (2.4%)	1,213 (2.2%)
2 Mix-race	12,411 (52.3%)	24,727 (45.7%)
3 Indigenous	9,808 (41.3%)	18,610 (34.4%)
4 Afro-descendant	417 (1.8%)	733 (1.4%)
5 Other	505 (2.1%)	1,040 (1.9%)
Missing	0 (0%)	7,757 (14.3%)
Region of birth		
1 Amazonas-San Martin-Ucayali	1,972 (8.3%)	4,404 (8.1%)
2 Anchash	1,122 (4.7%)	2,743 (5.1%)
3 Apurimac	725 (3.1%)	1,693 (3.1%)
4 Arequipa	913 (3.8%)	2,186 (4.0%)
5 Ayacucho	1,127 (4.8%)	2,611 (4.8%)
6 Cajamarca	1,794 (7.6%)	4,017 (7.4%)
7 Cusco-Madre de Dios	505 (2.1%)	1,198 (2.2%)
8 Huancavelica	1,210 (5.1%)	2,625 (4.9%)
9 Huánuco	983 (4.1%)	2,123 (3.9%)
10 Ica	913 (3.8%)	2,339 (4.3%)
11 Junin-Pasco	1,621 (6.8%)	3,230 (6.0%)
12 La Libertad	1,056 (4.5%)	2,397 (4.4%)
13 Lambayeque	966 (4.1%)	2,244 (4.1%)
14 Lima	1,103 (4.6%)	2,227 (4.1%)
15 Callao	1,874 (7.9%)	5,100 (9.4%)
16 Loreto	1,118 (4.7%)	2,752 (5.1%)
17 Moquegua-Tacna	977 (4.1%)	1,980 (3.7%)
18 Piura-Tumbes	2,247 (9.5%)	4,768 (8.8%)
19 Puno	1,496 (6.3%)	3,355 (6.2%)
Missing	0 (0%)	88 (0.2%)

Table 2: Parental education - 2006

	N	Mean	SD	Median	Min	Max	Missing
Analysis sample - Mother's edu	23,722	4.276	4.550	3	0	15	0
Analysis sample - Father's edu	23,722	5.895	4.770	5	0	15	0
Total sample - Mother's edu	54,080	4.553	4.684	3	0	15	23,967
Total sample - Father's edu	54,080	6.134	4.821	5	0	15	27,470

Table 3: Respondant's income - 2006

	N	Mean	SD	Median	Min	Max	Missing
Analysis sample	23,722	7,109	8,173	4,954	16.42	265,029	0
Total sample	54,080	7,693	8,863	5,398	16.42	265,029	0

3 Missing data analysis

3.1 Missing patterns

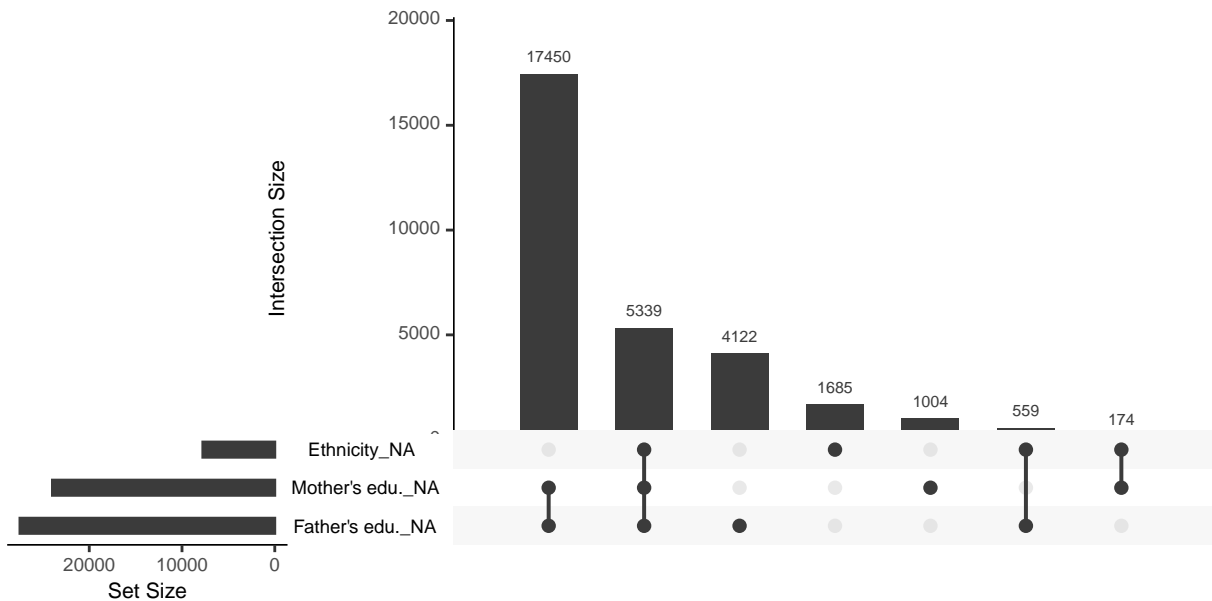


Figure 1: Missing patterns: *Left*: Marginal distribution of missing observations per variable. *Right*: Combination of missingness across cases

3.2 Differences in expected total equivalized household income between samples

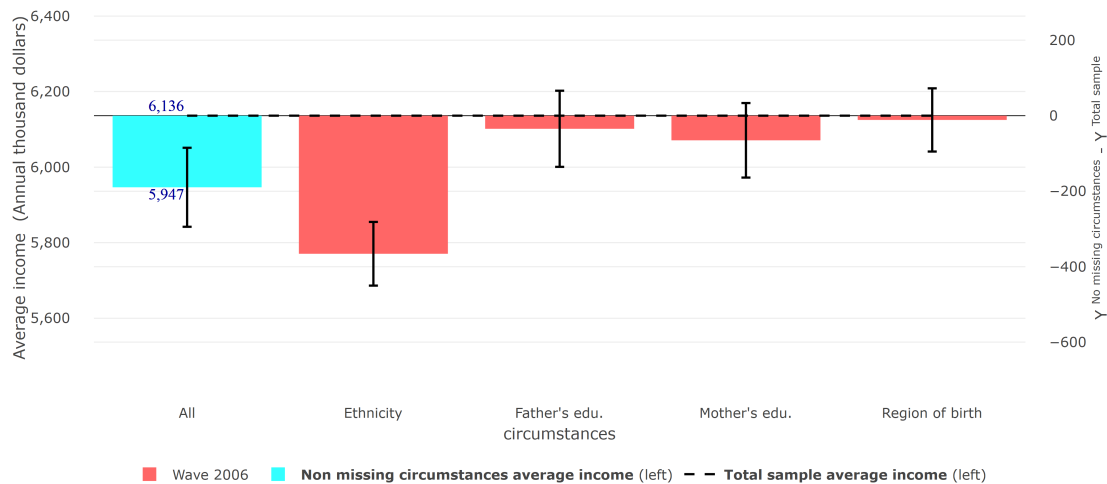


Figure 2: Differences in expected total equivalized household income between the sample with non-missing circumstances and the total sample

3.3 Gini coefficient

Table 4: Gini coefficient in analysis sample and total sample

Wave	Sample	Gini	Lower bound	Upper bound	Average income
Wave 2006	Analysis sample	0.474	0.450	0.465	5,947
Wave 2006	Total sample	0.474	0.457	0.468	6,136

3.4 Differences in Gini coefficient between samples

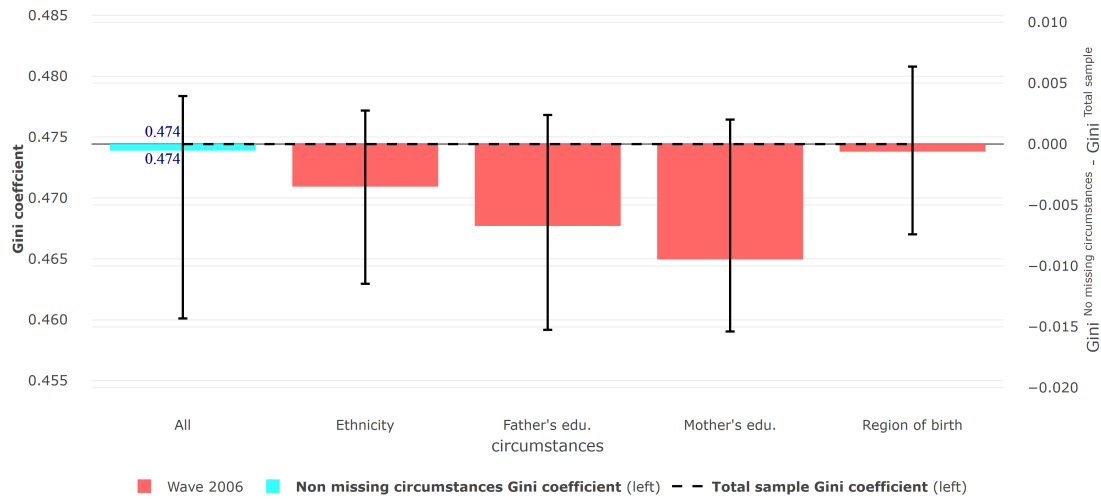


Figure 3: Differences in Gini coefficient between the sample with non-missing circumstances and the total sample