

Comparison of Estonian EU-SILC and HBS income data

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Data sources

1. EU-SILC 2005, income reference year 2004
2. HBS 2004, income reference year 2004
Continuous income and expenditure survey
Questionnaires and diaries
3. Administrative data on social transfers

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Cash employee income (PY010N)

Number of persons receiving wages and salaries

EU-SILC 625,000

HBS 538,000

Difference 14%

Number of persons employed for the whole year

EU-SILC 538,300

Annual average

EU-SILC 60,100 kroons

HBS 58,500 kroons

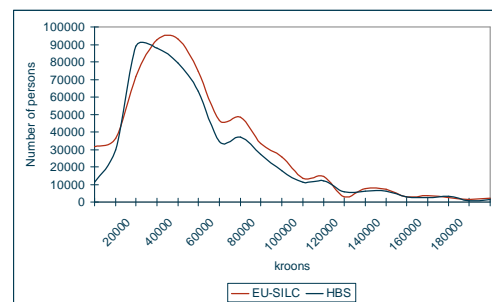
Difference 3%

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PY010N distribution



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Non-cash employee income (PY020N)

Number of persons receiving

EU-SILC 22,300

HBS 8,000

Difference 64%

Annual average

EU-SILC 17,200 kroons

HBS 10,600 kroons

Difference 38%

Income components compared (1)

		EU-SILC	HBS
PY090N	Number of cases	12,800	13,700
	Mean, kroons	4,800	12,700
PY120N	Number of cases	62,200	12,200
	Mean, kroons	2,800	3,100
PY140N	Number of cases	18,500	5,300
	Mean, kroons	9,100	12,400

Income components compared (2)

		EU-SILC	HBS
HY050N	Number of cases	179,300	177,000
	Mean, kroons	6,500	7,300
HY070N	Number of cases	15,900	11,100
	Mean, kroons	5,800	10,600
HY090N	Number of cases	21,700	10,000
	Mean, kroons	5,000	6,800

Total sum of payments, kroons

	EU-SILC	HBS	Administrative sources
PY100N	7,975.3 millions	7,955.0 millions	8,034.0 millions
PY110N	122.2 millions	140.6 millions	122.1 millions
PY140N	167.7 millions	64.1 millions	162.7 millions

Summary on component level

The number of people / households receiving is always greater or the same in the EU-SILC.

In case of some variables it is explained by seasonal one-off nature of income types (PY120, HY120, HY145).

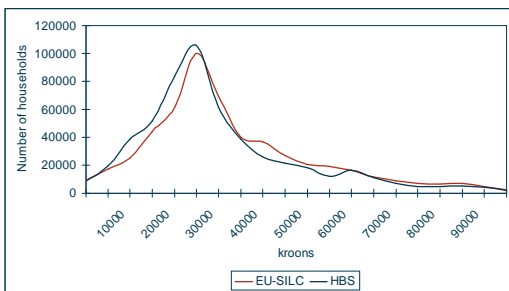
Average amounts are on most occasions lower in EU-SILC.

Exceptions: wages, company cars, sickness benefits.

Total income

	EU-SILC	HBS	Difference
HY020	90,100	80,900	10%
HY022	83,800	74,900	11%
HY023	69,000	60,300	13%
Income per household member	39,200	35,300	10%

Distribution of total income per capita



Laeken indicators

	EU-SILC	HBS
At-risk-of-poverty rate	18.3%	19.5%
At-risk-of-poverty threshold	28,000 kroons	24,800 kroons
Quintile share ratio	5.9	6.4
Gini coefficient	0.341	0.352

Possible sources of differences

- Irregular (especially seasonal) components are underrepresented in HBS.
- Seasonal variance of income in HBS.
- Smaller amounts are not recorded by households in HBS.
- Recall error in EU-SILC.
- In EU-SILC all components are read aloud to interviewees; in HBS the components are not listed and interviewee has to read the diary him- or herself.
- Higher-income households are more likely to non-respond to the diaries in HBS. In 2004
 - 25% households in the lowest quintile
 - 31% households in the highest quintile

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Thank you for your
attention!