

MINISTRY OF ECONOMY AND FINANCE



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GENERAL DIRECTORATE OF STATISTICAL SURVEYS DIVISION OF POPULATION AND LABOUR MARKET STATISTICS HOUSEHOLD'S SURVEYS UNIT

# STATISTICS ON INCOME AND LIVING CONDITIONS (EU-SILC) 2005

INTERMEDIATE QUALITY REPORT

**PIRAEUS, DECEMBER 2006** 

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#### INTRODUCTION

With the Amsterdam Treaty the program of social action in all member states for the years 1998-2000 was defined as well as the legal frame ruling the production of Social Statistics. The fields of poverty and social exclusion were of high priority in the political agenda of the European Council in Lisbon, in March 2000 as well as in the proposal of Commission for a communal program for encouraging co-operation among the member states against social exclusion.

During the European Council of Lisbon (March 2000) several requests were submitted concerning the quality improvement of statistical data and among other things were discussed the effacement of absolute poverty, the cooperation program among member states against social exclusion as well as the constitution of structural indicators, such as indicators of unequal income distribution, poverty percentages before and after social transfers, intergenerational poverty, etc.

In December 2000, at the European Council that took place in Nice, France, the leaders of all member states confirmed the decision of Lisbon, that the battle against poverty and social exclusion is won using open methods of co-ordination and co-operation. Basic elements of this rapprochement are the determination of commonly accepted targets for the European Union and the elaboration of proper national action plans for the achievement of these targets, as well as the regular report and recording of the progress being made.

The Greek Survey on Income and Living Conditions is part of the European Statistical Program and has replaced since 2003 the European Community Household Survey.

Basic aim of the survey is the study, both at European and national level of households' living conditions in relation to their income. The survey is the reference for comparative statistics on income distribution and social exclusion in the European Union.

With the survey examined are specific socio-economic magnitudes affecting population's living conditions. With collected information our country calculates the structural indicators for social cohesion and produces systematic statistics on income inequalities, inequalities on households' living conditions, poverty and social exclusion.

More specifically from the survey calculated are 12 indicators, out of the 18 social cohesion indicators of Laeken, concerning poverty and social inequality. These indicators, among other things, contribute in the configuration and practice of social politics in our country.

For the pre-mentioned reasons information is gathered, for the households as well as for their members, concerning:

- Income from any source (work, property, social benefits, etc.)
- Occupation
- Living conditions (dwelling's quality, amenities, etc.)
- Educational level
- Health status for all members of the household

According to the methodology for measuring poverty, the poverty line is calculated with its relative concept and it is defined at 60% of the median total equivalized disposable

income of the household, using modified OECD equivalised scale. 'Equivalent size' refers to the OECD modified scale which gives a weight of 1.0 to the first adult, 0.5 to other persons aged 14 or over who are living in the household and 0.3 to each child aged under 14.

As total equivalized disposable income of the household is considered total net income (that is income after deducting taxes and social contributions) received from all household members.

More specifically the income components included in the survey are:

- Income from work
- Income from property
- Social transfers and pensions
- Monetary transfers from other households and
- Imputed income from the use of company car.

Income components, such as imputed rent from ownership-occupancy, indirect social transfers, income in kind and loan interest can possibly influence significantly the results and will be included in the survey from the year 2007, onwards.

The survey is being conducted upon the decision of the Ministry of Economy and Finance, and according to the contract having been signed between Commission and the National Statistical Service of Greece, in the framework of Regulation (EC) No 1177/2003 of the European Parliament and of the Council concerning Community Statistics on Income and Living Conditions (EU-SILC).

The survey consists of two components the cross-sectional and the longitudinal. The first one referring to a specific time period, while the second to the changes occurring in three or four years time.

This document provides common cross-sectional EU indicators based on the cross-sectional component of EU-SILC, a description of the accuracy, precision, the comparability and the coherence of the Greek SILC 2005-survey data, according to article 16 of the EC regulation No 1777/2003 of the European Parliament and of the Council concerning Community Statistics on Income and Living Conditions (EU-SILC).

It is structured following the guidelines in the Commission Regulation (EC) no. 28/09.01.2004 (annex III). The report is divided in three chapters:

- 1. Common Cross-sectional European Union Indicators
- 2. Accuracy
- 3. Comparability
- 4. Coherence
- 5. Conclusion

References

Data from the ad hoc module 'Intergenerational transmission of poverty' and the questionnaires (in English) are annexed to this report (see annexes 1 and 2).

#### 1. COMMON CROSS-SECTIONAL EUROPEAN UNION INDICATORS

# 1.1. Common cross-sectional EU indicators based on the cross-sectional component of EU-SILC

The common cross sectional EU indicators refer to those indicators adopted in the Council of the open method of coordination, based on the cross sectional sample of year 2005. The indicators below have been calculated using the Eurostat SAS program.

**Table 1.** Risk-of-poverty threshold (illustrative values)

|                      | •       |         |
|----------------------|---------|---------|
| Type of household    | Euro    | PPS     |
| One person household | 5649.78 | 6639.17 |

 Table 2. Risk-of-poverty threshold (illustrative values)

| Type of household                                | Euro     | PPS      |
|--|----------|----------|
| Household with 2 adults and 2 dependent children | 11864.54 | 13942.26 |

**Table 3a**.Risk-of-poverty rate by age and gender after social transfers and below At Risk Poverty Threshold (ARPT)

| Age        | Total | Female | Male |
|------------|-------|--------|------|
| Total      | 19.6  | 20.9   | 18.3 |
| 0-15       | 19.4  | 19.5   | 19.3 |
| 0-64       | 17.8  | 18.6   | 16.9 |
| 16+        | 19.7  | 21.1   | 18.1 |
| 16-64      | 17.4  | 18.4   | 16.4 |
| 16-24      | 22.7  | 24.8   | 20.5 |
| 25-49      | 15.5  | 16.6   | 14.4 |
| 50-64      | 18.3  | 18.5   | 18.0 |
| 65+        | 27.9  | 30.0   | 25.2 |
| Above ARPT |       |        |      |
| Age        | Total | Female | Male |
| Total      | 80.4  | 79.1   | 81.7 |
| 0-15       | 80.6  | 80.5   | 80.7 |
| 0-64       | 82.2  | 81.4   | 83.1 |
| 16+        | 80.3  | 78.9   | 81.9 |
| 16-64      | 82.6  | 81.6   | 83.6 |
| 16-24      | 77.3  | 75.2   | 79.5 |
| 25-49      | 84.5  | 83.4   | 85.6 |
| 50-64      | 81.7  | 81.5   | 82.0 |
| 65+        | 72.1  | 70.0   | 74.8 |

**Table 3b**. Risk-of-poverty rate by age and gender Total

|            | Total | Female | Male |
|------------|-------|--------|------|
| Age —      | N     | N      | N    |
| Total      | 14832 | 7626   | 7206 |
| 0-15       | 2384  | 1153   | 1231 |
| 0-64       | 11737 | 5929   | 5808 |
| 16+        | 12448 | 6473   | 5975 |
| 16-64      | 9353  | 4776   | 4577 |
| 16-24      | 1627  | 815    | 812  |
| 25-49      | 5104  | 2632   | 2472 |
| 50-64      | 2622  | 1329   | 1293 |
| 65+        | 3095  | 1697   | 1398 |
| Below ARPT |       |        |      |
| Age –      | Total | Female | Male |
|            | N     | N      | N    |
| Total      | 3416  | 1852   | 1564 |
| 0-15       | 580   | 278    | 302  |
| 0-64       | 2471  | 1288   | 1183 |
| 16+        | 2836  | 1574   | 1262 |
| 16-64      | 1891  | 1010   | 881  |
| 16-24      | 420   | 229    | 191  |
| 25-49      | 922   | 504    | 418  |
| 50-64      | 549   | 277    | 272  |
| 65+        | 945   | 564    | 381  |
| Above ARPT |       |        |      |
| Age —      | Total | Female | Male |
| Age        | N     | N      | N    |
| Total      | 11416 | 5774   | 5642 |
| 0-15       | 1804  | 875    | 929  |
| 0-64       | 9266  | 4641   | 4625 |
| 16+        | 9612  | 4899   | 4713 |
| 16-64      | 7462  | 3766   | 3696 |
| 16-24      | 1207  | 586    | 621  |
| 25-49      | 4182  | 2128   | 2054 |
| 50-64      | 2073  | 1052   | 1021 |
| 65+        | 2150  | 1133   | 1017 |
|            |       |        |      |

**Table 3c.** Risk-of-poverty rate by age and gender Distribution of total population by gender

| Total | Female | Male |
|-------|--------|------|
| 100.0 | 50.9   | 49.1 |

Table 3d. Risk-of-poverty rate by age and gender

Distribution of total population by age and gender

|        | 0 - 15 | 0 - 64 | 16+  | 16 - 64 | 16-24 | 25-49 | 50-64 | 65+  |
|--------|--------|--------|------|---------|-------|-------|-------|------|
| Total  | 15.5   | 81.7   | 84.5 | 66.2    | 10.9  | 37.5  | 17.8  | 18.3 |
| Female | 14.8   | 80.2   | 85.2 | 65.4    | 10.7  | 36.6  | 18.1  | 19.8 |
| Male   | 16.3   | 83.4   | 83.7 | 67.1    | 11.1  | 38.4  | 17.5  | 16.6 |

**Table 3e.** Risk-of-poverty rate by age and gender Distribution of poor population by gender

| Total | Female | Male |
|-------|--------|------|
| 100.0 | 54.3   | 45.7 |

Table 3f. Risk-of-poverty rate by age and gender

Distribution of poor population by age and gender

|        | 0 - 15 | 0 - 64 | 16+  | 16 - 64 | 16 - 24 | 25-49 | 50-64 | 65+  |
|--------|--------|--------|------|---------|---------|-------|-------|------|
| Total  | 15.3   | 74.1   | 84.7 | 58.7    | 12.6    | 29.6  | 16.6  | 25.9 |
| Female | 13.8   | 71.5   | 86.2 | 57.7    | 12.7    | 29.0  | 16.0  | 28.5 |
| Male   | 17.1   | 77.1   | 82.9 | 60.0    | 12.5    | 30.2  | 17.3  | 22.9 |

**Table 4a.** Risk-of-poverty rate by most frequent activity and gender below ARPT

| Activity status             | Total | Female | Male |
|-----------------------------|-------|--------|------|
| Total                       | 19.6  | 21.1   | 18.0 |
| At work                     | 12.9  | 11.6   | 13.7 |
| Not at work: total          | 25.9  | 26.7   | 24.5 |
| Not at work: Unemployed     | 32.8  | 28.5   | 38.6 |
| Not at work: Retired        | 25.0  | 29.0   | 21.7 |
| Not at work: Other inactive | 25.3  | 25.3   | 25.4 |

Above ARPT

| Activity status             | Total | Female | Male |
|-----------------------------|-------|--------|------|
| Total                       | 80.4  | 78.9   | 82.0 |
| At work                     | 87.1  | 88.4   | 86.3 |
| Not at work: total          | 74.1  | 73.3   | 75.5 |
| Not at work: Unemployed     | 67.2  | 71.5   | 61.4 |
| Not at work: Retired        | 75.0  | 71.0   | 78.3 |
| Not at work: Other inactive | 74.7  | 74.7   | 74.6 |

**Table 4b.** Risk-of-poverty rate by most frequent activity and gender Total

| A ativity status            | Total | Female | Male |
|-----------------------------|-------|--------|------|
| Activity status —           | N     | N      | N    |
| Total                       | 12213 | 6365   | 5848 |
| At work                     | 5553  | 2188   | 3365 |
| Not at work: total          | 6660  | 4177   | 2483 |
| Not at work: Unemployed     | 572   | 337    | 235  |
| Not at work: Retired        | 2988  | 1381   | 1607 |
| Not at work: Other inactive | 3100  | 2459   | 641  |
| Below ARPT                  |       |        |      |
| A ativity status            | Total | Female | Male |
| Activity status —           | N     | N      | N    |
| Total                       | 2773  | 1547   | 1226 |
| At work                     | 845   | 297    | 548  |
| Not at work: total          | 1928  | 1250   | 678  |
| Not at work: Unemployed     | 207   | 112    | 95   |
| Not at work: Retired        | 860   | 459    | 401  |
| Not at work: Other inactive | 861   | 679    | 182  |
| Above ARPT                  |       |        |      |
| A ativity atotus            | Total | Female | Male |
| Activity status —           | N     | N      | N    |
| Total                       | 9440  | 4818   | 4622 |
| At work                     | 4708  | 1891   | 2817 |
| Not at work: total          | 4732  | 2927   | 1805 |
| Not at work: Unemployed     | 365   | 225    | 140  |
| Not at work: Retired        | 2128  | 922    | 1206 |
| Not at work: Other inactive | 2239  | 1780   | 459  |

**Table 4c**. Risk-of-poverty rate by most frequent activity and gender Distribution of total population

| Activity status             | Total | Female | Male  |
|-----------------------------|-------|--------|-------|
| Total                       | 100.0 | 100.0  | 100.0 |
| At work                     | 48.4  | 37.2   | 60.2  |
| Not at work: total          | 51.6  | 62.8   | 39.8  |
| Not at work: Unemployed     | 4.7   | 5.3    | 4.1   |
| Not at work: Retired        | 21.4  | 18.8   | 24.3  |
| Not at work: Other inactive | 25.5  | 38.7   | 11.5  |

**Table 4d.** Risk-of-poverty rate by most frequent activity and gender Distribution of poor population

| Activity status             | Total | Female | Male  |
|-----------------------------|-------|--------|-------|
| Total                       | 100.0 | 100.0  | 100.0 |
| At work                     | 31.8  | 20.4   | 45.9  |
| Not at work: total          | 68.2  | 79.6   | 54.1  |
| Not at work: Unemployed     | 7.9   | 7.2    | 8.7   |
| Not at work: Retired        | 27.3  | 25.8   | 29.2  |
| Not at work: Other inactive | 33.0  | 46.5   | 16.2  |

**Table 5a.** Risk-of-poverty rate by household type

| Household type                            | Below ARPT | Above ARPT |
|---|------------|------------|
| Total, no dependent children              | 18.9       | 81.1       |
| 1 person (total)                          | 27.9       | 72.1       |
| 2 adults, both < 65 years                 | 15.3       | 84.7       |
| 2 adults, at least one 65+ years          | 27.4       | 72.6       |
| Other no dependent children               | 13.1       | 86.9       |
| Total, dependent children                 | 20.4       | 79.6       |
| Single parent, at least 1 dependent child | 40.7       | 59.3       |
| 2 adults, 1 dependent child               | 14.3       | 85.7       |
| 2 adults, 2 dependent children            | 18.2       | 81.8       |
| 2 adults, 3+ dependent children           | 31.8       | 68.2       |
| Other households with dependent children  | 28.2       | 71.8       |

Table 5b. Risk-of-poverty rate by household type

| T 1.11                                    | Total | Below ARPT | Above ARPT |
|---|-------|------------|------------|
| Household type                            | N     | N          | N          |
| Total, no dependent children              | 7,356 | 1631       | 5725       |
| 1 person (total)                          | 1188  | 392        | 796        |
| 2 adults, both < 65 years                 | 1346  | 250        | 1096       |
| 2 adults, at least one 65+ years          | 1946  | 568        | 1378       |
| Other no dependent children               | 2876  | 421        | 2455       |
| Total, dependent children                 | 7466  | 1785       | 5681       |
| Single parent, at least 1 dependent child | 233   | 96         | 137        |
| 2 adults, 1 dependent child               | 1617  | 252        | 1365       |
| 2 adults, 2 dependent children            | 2632  | 504        | 2128       |
| 2 adults, 3+ dependent children           | 990   | 326        | 664        |
| Other households with dependent children  | 1994  | 607        | 1387       |

**Table 5c.** Risk-of-poverty rate by household type Single households

|            | Female | Male | < 65 | 65+  |
|------------|--------|------|------|------|
| Below ARPT | 32.2   | 18.7 | 19.2 | 35.1 |
| Above ARPT | 67.8   | 81.3 | 80.8 | 64.9 |

**Table 5d**. Risk-of-poverty rate by household type Single households )

|            | Female | Male | < 65 | 65+ |
|------------|--------|------|------|-----|
|            | N      | N    | N    | N   |
| Total      | 821    | 367  | 478  | 710 |
| Below ARPT | 301    | 91   | 104  | 288 |
| Above ARPT | 520    | 276  | 374  | 422 |

**Table 5e**. Risk-of-poverty rate by household type Distribution of total population

| Household type                            | %    |
|---|------|
| Total, no dependent children              | 50.4 |
| 1 person (total)                          | 7.5  |
| 2 adults, both < 65 years                 | 9.1  |
| 2 adults, at least one 65+ years          | 11.5 |
| Other no dependent children               | 22.3 |
| Total, dependent children                 | 49.6 |
| Single parent, at least 1 dependent child | 1.7  |
| 2 adults, 1 dependent child               | 11.2 |
| 2 adults, 2 dependent children            | 25.8 |
| 2 adults, 3+ dependent children           | 1.8  |
| Other households with dependent children  | 9.1  |

**Table 5f.** Risk-of-poverty rate by household type

Distribution of total population (single households)

| Total | Female | Male | <65  | 65+  |
|-------|--------|------|------|------|
| 100.0 | 68.2   | 31.8 | 45.1 | 54.9 |

**Table 5g**. Risk-of-poverty rate by household type Distribution of poor population

| Distribution of poor population           |      |
|---|------|
| Household type                            | %    |
| Total, no dependent children              | 48.5 |
| 1 person (total)                          | 10.6 |
| 2 adults, both < 65 years                 | 7.0  |
| 2 adults, at least one 65+ years          | 16.0 |
| Other no dependent children               | 14.8 |
| Total, dependent children                 | 51.5 |
| Single parent, at least 1 dependent child | 3.5  |
| 2 adults, 1 dependent child               | 8.2  |
| 2 adults, 2 dependent children            | 23.9 |
| 2 adults, 3+ dependent children           | 2.9  |
| Other households with dependent children  | 13.1 |

Table 5h. Risk-of-poverty rate by household type

Distribution of poor population (single households)

| Total | Female | Male | <65  | 65+  |
|-------|--------|------|------|------|
| 100.0 | 78.7   | 21.3 | 31.0 | 69.0 |

**Table 6a.** Risk-of-poverty rate by tenure status

|            | Total | Owner or rent-free | Tenant |
|------------|-------|--------------------|--------|
| Below ARPT | 19.6  | 20.0               | 17.9   |
| Above ARPT | 80.4  | 80.0               | 82.1   |

*Table 6b.* Risk-of-poverty rate by tenure status

|            | Total | Owner or rent-free | Tenant |
|------------|-------|--------------------|--------|
|            | N     | N                  | N      |
| Total      | 14878 | 12608              | 2270   |
| Below ARPT | 3424  | 2932               | 492    |
| Above ARPT | 11454 | 9676               | 1778   |

**Table 6c.** Risk-of-poverty rate by tenure status Distribution of total population

| Total | Owner or rent-free | Tenant |  |
|-------|--------------------|--------|--|
| 100.0 | 81.1               | 18.9   |  |

**Table 6d.** Risk-of-poverty rate by tenure status Distribution of poor population

| Total | Owner or rent-free | Tenant |
|-------|--------------------|--------|
| 100.0 | 82.8               | 17.2   |

Table 7a. Risk-of-poverty rate by work intensity

| Household type by work intensity  | Below ARPT | Above ARPT |
|---|------------|------------|
| Household without dependent children W=0  | 27.6       | 72.4       |
| Household without dependent children 0 <w<1< td=""><td>12.7</td><td>87.3</td></w<1<>  | 12.7       | 87.3       |
| Household without dependent children W=1  | 11.2       | 88.8       |
| Household with dependent children W=0   | 53.9       | 46.1       |
| Household with dependent children 0 <w<0.5< td=""><td>47.0</td><td>53.0</td></w<0.5<> | 47.0       | 53.0       |
| Household with dependent children 0.5 <w<1< td=""><td>23.1</td><td>76.9</td></w<1<>   | 23.1       | 76.9       |
| Household with dependent children W=1   | 9.9        | 90.1       |

*Table 7b.* Risk-of-poverty rate by work intensity

| Household type by work intensity   | Total | Below<br>ARPT | Above<br>ARPT |
|--|-------|---------------|---------------|
|  | N     | N             | N             |
| Household without dependent children W=0   | 961   | 291           | 670           |
| Household without dependent children 0 <w<1< td=""><td>2645</td><td>375</td><td>2270</td></w<1<> | 2645  | 375           | 2270          |
| Household without dependent children W=1   | 1589  | 215           | 1374          |
| Household with dependent children W=0  | 302   | 177           | 125           |
| Household with dependent children 0 <w<0.5< td=""><td>629</td><td>289</td><td>340</td></w<0.5<>  | 629   | 289           | 340           |
| Household with dependent children 0.5 <w<1< td=""><td>3536</td><td>917</td><td>2619</td></w<1<>  | 3536  | 917           | 2619          |
| Household with dependent children W=1  | 2924  | 368           | 2556          |

**Table 7c.** Risk-of-poverty rate by work intensity Distribution of total population

| <u> </u>  |       |
|---|-------|
| Household type by work intensity  | %     |
| Total   | 100.0 |
| Household without dependent children W=0                                | 7.1   |
| Household without dependent children 0 <w<1< td=""><td>23.6</td></w<1<> | 23.6  |
| Household without dependent children W=1                                | 12.8  |
| Household with dependent children W=0                                   | 2.5   |
| Household with dependent children 0 <w<0.5< td=""><td>3.6</td></w<0.5<> | 3.6   |
| Household with dependent children 0.5 <w<1< td=""><td>26.1</td></w<1<>  | 26.1  |
| Household with dependent children W=1                                   | 24.4  |

**Table 7d.** Risk-of-poverty rate by work intensity Distribution of poor population

| Distribution of poor population   |       |
|---|-------|
| Household type by work intensity  | %     |
| Total   | 100.0 |
| Household without dependent children W=0                                | 11.0  |
| Household without dependent children 0 <w<1< td=""><td>16.7</td></w<1<> | 16.7  |
| Household without dependent children W=1                                | 8.0   |
| Household with dependent children W=0                                   | 7.4   |
| Household with dependent children 0 <w<0.5< td=""><td>9.4</td></w<0.5<> | 9.4   |
| Household with dependent children 0.5 <w<1< td=""><td>33.8</td></w<1<>  | 33.8  |
| Household with dependent children W=1                                   | 13.6  |
|   |       |

 Table 8a. Dispersion around at-risk-poverty-threshold

| Threshold     | Total | Female | Male |
|---------------|-------|--------|------|
| 40% of median | %     | %      | %    |
| Below ARPT    | 7.3   | 7.7    | 6.9  |
| Above ARPT    | 92.7  | 92.3   | 93.1 |
| 50% of median | %     | %      | %    |
| Below ARPT    | 12.6  | 13.5   | 11.8 |
| Above ARPT    | 87.4  | 86.5   | 88.2 |
| 70% of median | %     | %      | %    |
| Below ARPT    | 25.9  | 27.1   | 24.8 |
| Above ARPT    | 74.1  | 72.9   | 75.2 |

 Table 8b. Dispersion around at-risk-poverty-threshold

| Threshold     | Total | Female | Male |
|---------------|-------|--------|------|
| Inresnoia     | N     | N      | N    |
| Total         | 14878 | 7648   | 7230 |
| 40% of median | N     | N      | N    |
| Below ARPT    | 1273  | 695    | 578  |
| Above ARPT    | 13605 | 6953   | 6652 |
| 50% of median | N     | N      | N    |
| Below ARPT    | 2238  | 1223   | 1015 |
| Above ARPT    | 12640 | 6425   | 6215 |
| 70% of median | N     | N      | N    |
| Below ARPT    | 4497  | 2400   | 2097 |
| Above ARPT    | 10381 | 5248   | 5133 |

**Table 9a.** Risk-of-poverty rate by age and gender before all transfers Below ARPT

| Below ARPT |       |        |      |
|------------|-------|--------|------|
| Age        | Total | Female | Male |
| Total      | 39.2  | 41.6   | 36.7 |
| 0-15       | 23.1  | 22.9   | 23.2 |
| 16+        | 42.1  | 44.9   | 39.3 |
| 16-64      | 30.8  | 32.7   | 28.9 |
| 65+        | 83.3  | 85.1   | 81.1 |
| Above ARPT |       |        |      |
| Age        | Total | Female | Male |
| Total      | 60.8  | 58.4   | 63.3 |
| 0-15       | 76.9  | 77.1   | 76.8 |
| 16+        | 57.9  | 55.1   | 60.7 |
| 16-64      | 69.2  | 67.3   | 71.1 |
| 65+        | 16.7  | 14.9   | 18.9 |

**Table 9b.** Risk-of-poverty rate by age and gender before all transfers Total

| Λαο        | Total | Female | Male |
|------------|-------|--------|------|
| Age        | N     | N      | N    |
| Total      | 14832 | 7626   | 7206 |
| 0-15       | 2384  | 1153   | 1231 |
| 16+        | 12448 | 6473   | 5975 |
| 16-64      | 9353  | 4776   | 4577 |
| 65+        | 3095  | 1697   | 1398 |
| Below ARPT |       |        |      |
| Age        | Total | Female | Male |
|            | N     | N      | N    |
| Total      | 6587  | 3572   | 3015 |
| 0-15       | 721   | 345    | 376  |
| 16+        | 5866  | 3227   | 2639 |
| 16-64      | 3239  | 1758   | 1481 |
| 65+        | 2627  | 1469   | 1158 |
| Above ARPT |       |        |      |
| Age        | Total | Female | Male |
|            | N     | N      | N    |
| Total      | 8245  | 4054   | 4191 |
| 0-15       | 1663  | 808    | 855  |
| 16+        | 6582  | 3246   | 3336 |
| 16-64      | 6114  | 3018   | 3096 |
| 65+        | 468   | 228    | 240  |

**Table 9c.** Risk-of-poverty rate by age and gender before transfers (including pensions) Below ARPT

| Age        | Total | Female | Male |
|------------|-------|--------|------|
| Total      | 22.5  | 24.0   | 21.0 |
| 0-15       | 21.6  | 22.2   | 20.9 |
| 16+        | 22.7  | 24.3   | 21.1 |
| 16-64      | 20.1  | 21.0   | 19.2 |
| 65+        | 32.2  | 35.1   | 28.6 |
| Above ARPT |       |        |      |
| Age        | Total | Female | Male |
| Total      | 77.5  | 76.0   | 79.0 |
| 0-15       | 78.4  | 77.8   | 79.1 |
| 16+        | 77.3  | 75.7   | 78.9 |
| 16-64      | 79.9  | 79.0   | 80.8 |
| 65+        | 67.8  | 64.9   | 71.4 |

*Table 9d.* Risk-of-poverty rate by age and gender before transfers (including pensions) *Total* 

| Λαο        | Total          | Female | Male |
|------------|----------------|--------|------|
| Age        | $\overline{N}$ | N      | N    |
| Total      | 14832          | 7626   | 7206 |
| 0-15       | 2384           | 1153   | 1231 |
| 16+        | 12448          | 6473   | 5975 |
| 16-64      | 9353           | 4776   | 4577 |
| 65+        | 3095           | 1697   | 1398 |
| Below ARPT |                |        |      |
| Λαο        | Total          | Female | Male |
| Age        | $\overline{N}$ | N      | N    |
| Total      | 3925           | 2127   | 1798 |
| 0-15       | 652            | 319    | 333  |
| 16+        | 3273           | 1808   | 1465 |
| 16-64      | 2190           | 1158   | 1032 |
| 65+        | 1083           | 650    | 433  |
| Above ARPT |                |        |      |
| A @0       | Total          | Female | Male |
| Age        | $\overline{N}$ | N      | N    |
| Total      | 10907          | 5499   | 5408 |
| 0-15       | 1732           | 834    | 898  |
| 16+        | 9175           | 4665   | 4510 |
| 16-64      | 7163           | 3618   | 3545 |
| 65+        | 2012           | 1047   | 965  |

Table 10a. Relative median risk-of-poverty gap by age and gender

| J1    |                           |  |
|-------|---------------------------|--|
| Total | Female                    | Male   |
| 24.1  | 24.0                      | 24.1   |
| 22.5  |                           |  |
| 24.3  | 24.5                      | 24.0   |
| 24.4  | 24.4                      | 24.5   |
| 23.7  | 24.7                      | 22.0   |
|       | Total 24.1 22.5 24.3 24.4 | Total     Female       24.1     24.0       22.5     24.3       24.4     24.4 |

Table 10b. Relative median risk-of-poverty gap by age and gender

| Age   | Total | Female | Male |
|-------|-------|--------|------|
|       | N     | N      | N    |
| Total | 3424  | 1858   | 1566 |
| 0-15  | 588   |        |      |
| 16+   | 2836  | 1574   | 1262 |
| 16-64 | 1891  | 1010   | 881  |
| 65+   | 945   | 564    | 381  |

Table 11. S80/S20 quintile share ratio

| S80/S20 quintile share ratio | 5.8 |
|------------------------------|-----|
| 500/520 quinitie share ratio | 5.0 |

Table 12. Gini coefficient

#### 1.2. Other indicators

# 1.2.1. Mean equivalized income

Table 13. Mean equivalized income

| Maan aquivalized income | Euro     | PPS     |
|-------------------------|----------|---------|
| Mean equivalized income | 11152.43 | 9791.87 |

# 1.2.2. The unadjusted gender pay gap

The unadjusted gender pay gap 9

# 1.3. Social exclusion indicators

1.3.1. Non monetary household deprivation indicators, including problems in making ends meet, extent of debt and enforced lack of basic necessities

**Table 15.** Fulfillment of basic needs %

| Fulfillment of basic needs   | Total<br>population | Population in risk-of-poverty | Population not<br>in risk-of-<br>poverty |
|--|---------------------|-------------------------------|--|
| Capacity to face unexpected financial expenses   | 41.2                | 61.2                          | 36.0                                     |
| Capacity to afford paying for one annual holiday away from home                                | 48.0                | 79.4                          | 44.8                                     |
| Capacity to afford a meal with meat, chicken, fish (or vegetarian equivalent) every second day | 7.1                 | 18.7                          | 4.0                                      |

Table 16. Quality of life

| n | 1  |
|---|----|
| v | /_ |
|   |    |
|   |    |

| Quality of life – Percentage of household that cannot afford: | Total population | Population in risk-of-poverty | Population<br>not in risk-of-<br>poverty |
|---|------------------|-------------------------------|--|
| Color TV  | 0.5              | 1.9                           | 0.1                                      |
| Telephone (including mobile phone)                            | 0.6              | 2.2                           | 0.1                                      |
| Computer  | 16.2             | 17.4                          | 15.9                                     |
| Washing machine   | 3.3              | 9.2                           | 1.8                                      |
| Car   | 11.5             | 18.6                          | 9.6                                      |

Table 17. Ability to make ends meet

| v |  |
|---|--|
|   |  |
|   |  |

| Ability to make ends meet | Total<br>population | Population in risk-of-poverty | Population not<br>in risk-of-<br>poverty |
|---------------------------|---------------------|-------------------------------|--|
| With great difficulty     | 18.1                | 36.4                          | 13.2                                     |
| With difficulty           | 33.2                | 38.6                          | 31.8                                     |
| With some difficulty      | 27.2                | 18.1                          | 29.6                                     |
| Fairly easily             | 14.9                | 4.9                           | 17.5                                     |
| Easily                    | 5.7                 | 1.8                           | 6.7                                      |
| Very easily               | 0.9                 | 0.2                           | 1.1                                      |

Table 18. Lowest monthly income to make ends meet

| Lowest monthly income | Total population | Population in risk-of-poverty | Population not in risk-of- |
|-----------------------|------------------|-------------------------------|----------------------------|
| to make ends meet     |                  |                               | poverty                    |
|                       | 1940.93          | 1338.60                       | 2099.58                    |

Table 19. Financial burden of the total household cost

| 2 | ' | ć | ) |
|---|---|---|---|
|   |   |   |   |

| Financial burden of the total household cost | Total population | Population in risk-of-poverty | Population not<br>in risk-of-<br>poverty |
|--|------------------|-------------------------------|--|
| A heavy burden                               | 24.1             | 33.4                          | 21.6                                     |
| Somewhat a burden                            | 68.8             | 62.7                          | 70.4                                     |
| Not a burden at all                          | 7.2              | 3.9                           | 8.0                                      |

**Table 20.** Financial burden of the repayment of debts from hire purchases or loans %

| Financial burden of the repayment of debts from hire purchases or loans | Total population | Population in risk-of-poverty | Population not in risk-of-poverty |
|---|------------------|-------------------------------|-----------------------------------|
| Repayment is a heavy burden   | 7.1              | 6.3                           | 7.3                               |
| Repayment is somewhat of a burden                                       | 19.0             | 11.6                          | 20.9                              |
| Repayment is not a burden at all  | 3.8              | 1.0                           | 4.5                               |

 Table 21. Physical and social environment

| /0  |                  |                               |  |
|---|------------------|-------------------------------|--|
| Physical and social environment                           | Total population | Population in risk-of-poverty | Population not<br>in risk-of-<br>poverty |
| Problems with the dwelling:<br>Too dark, not enough light | 6.9              | 8.8                           | 6.4                                      |
| Noise from neighbors or from the street                   | 29.8             | 15.1                          | 22.3                                     |
| Pollution, grime, or other environmental problems         | 18.5             | 12.4                          | 20.1                                     |
| Crime violence or vandalism in the area                   | 8.6              | 5.7                           | 9.4                                      |

**Table 22.** Housing and non housing related arrears %

| Arrears on utility bills   | Total population | Population in risk-of-poverty | Population not<br>in risk-of-<br>poverty |
|--|------------------|-------------------------------|--|
| Rent or mortgage repayment   | 7.1              | 9.4                           | 6.5                                      |
| Utility bills (electricity, water, gas, etc.)                                | 27.3             | 46.1                          | 22.3                                     |
| Credit cards payment, or loan repayments for household items, holidays, etc. | 12.3             | 10.2                          | 12.9                                     |

Table 23. Housing conditions

| 70  |                  |                               |                                   |
|---|------------------|-------------------------------|-----------------------------------|
| Housing conditions  | Total population | Population in risk-of-poverty | Population not in risk-of-poverty |
| Leaking roof, damp walls/<br>floors/ foundation or rot in<br>window frames or floor | 21.4             | 30.2                          | 19.1                              |
| Ability to keep home adequately warm  | 17.7             | 33.4                          | 13.5                              |

Table 24. Amenities in the dwelling

%

| Amenities in the dwelling                         | Total population | Population in risk-of-poverty | Population not<br>in risk-of-<br>poverty |
|---|------------------|-------------------------------|--|
| Bath or shower in the dwelling                    | 2.1              | 6.2                           | 1.0                                      |
| Indoor flushing toilet for sole use of households | 4.1              | 11.3                          | 2.3                                      |

# 1.4. Other social indicators

**Table 25**. General health for household members aged 16 and over %

| General health for household members aged 16 and over | Total<br>population | Population in risk-of-poverty | Population not<br>in risk-of-<br>poverty |
|---|---------------------|-------------------------------|--|
| Very good   | 52.0                | 42.1                          | 54.4                                     |
| Good  | 25.5                | 25.6                          | 25.5                                     |
| Fair  | 13.6                | 18.0                          | 12.5                                     |
| Bad   | 6.3                 | 10.3                          | 5.3                                      |
| Very bad  | 2.6                 | 3.9                           | 2.2                                      |

**Table 26.** Unmet need for medical examination or treatment for household members aged 16 and over

| Unmet need for medical examination or treatment for household members aged 16 and over | Total population | Population in risk-of-poverty | Population<br>not in risk-of-<br>poverty |
|--|------------------|-------------------------------|--|
| Doctors of any specialization  | 6.4              | 10.3                          | 5.4                                      |
| Dentists   | 7.0              | 11.0                          | 6.0                                      |

**Table 27.** Highest ISCED level attained for household members aged 16 and over %

| Highest ISCED level attained for household members aged 16 and over                            | Total population | Population in risk-of-poverty | Population<br>not in risk-of-<br>poverty |
|--|------------------|-------------------------------|--|
| Pre-primary education  | 2.8              | 6.1                           | 1.9                                      |
| Primary education  | 35.0             | 51.9                          | 30.8                                     |
| Lower secondary education  | 12.3             | 13.2                          | 12.1                                     |
| Upper secondary education  | 29.1             | 21.1                          | 31.1                                     |
| Post secondary non tertiary education  | 4.4              | 2.9                           | 4.7                                      |
| First stage of tertiary education (not leading directly to an advanced research qualification) | 16.0             | 4.6                           | 18.8                                     |
| Second Stage of tertiary<br>education (leading to an<br>advanced research qualification)       | 0.4              | 0.1                           | 0.5                                      |

#### 2. ACCURACY

#### 2.1. Sample design

#### 2.1.1 Type of sample design

The two-stage area sampling was applied for the EU-SILC survey.

#### 2.1.2 Sampling units

The sample of private households was selected in two stages. The primary units are the areas (one or more unified building blocks) and the ultimate sampling units selected in each sampling area are the households.

#### 2.1.3 Stratification and sub-stratification criteria

There are two levels of area stratification in the sampling design. The first level is the geographical stratification based on the partition of the total country area into thirteen (13) standard administrative regions corresponding to the European NUTS II level. The two major city agglomerations of Greater Athens and Greater Thessalonica constitute separate major geographical strata.

The second level of stratification entails grouping municipalities and communes within each NUTS II administrative region by degree of urbanization, i.e., according to their population size. The scaling of urbanization was finally designed in four groups:

- >= 30.000 inhabitants
- > 5.000-29.999 inhabitants
- > 1.000-4.999 inhabitants
- > 0-999 inhabitants

The number of the final strata in the thirteen (13) geographical regions was 50. The Greater Athens Area was divided into 31 strata of about equal size (equal number of households) on the basis of the lists of city blocks of the Municipalities that constitute it and taking into consideration socio-economic criteria. Similarly, the Greater Thessaloniki Area was divided into 9 equally sized strata. The two Major City Agglomerations account for about 38% of total population and for even larger percentages in certain socio-economic variables. Thus, the total number of strata of the survey was 90.

#### 2.1.4 Sample size and allocation criteria

The initial sample size is 8.000 households (the sampling fraction is about 2‰). This fraction was the same in each geographical region.

As it was mentioned above, the geographical regions (NUTS II) in Greece are thirteen (13) in number. However, throughout this study the 2<sup>nd</sup> geographical region (Central Macedonia) was considered without Greater Thessaloniki and the 9<sup>th</sup> geographical region (Attica) without the Greater Athens area, while either of these two major agglomerations was treated as a geographical region.

**Table 28.** Sample size and achieved response by NUTS2-units

| NUTS2 | Name                           | Drawn | Accepted (DB135=1) |
|-------|--------------------------------|-------|--------------------|
| GR11  | Thraki and Anatoliki Makedonia | 412   | 374                |
| GR12  | Kentriki Makedonia             | 1242  | 1089               |
| GR13  | Dytiki Makedonia               | 195   | 188                |
| GR14  | Thessalia                      | 503   | 457                |
| GR21  | Ipeiros                        | 219   | 194                |
| GR22  | Ionia Nisia                    | 109   | 102                |
| GR23  | Dytiki Ellada                  | 416   | 377                |
| GR24  | Sterea Ellada                  | 331   | 294                |
| GR25  | Peloponnisos                   | 370   | 328                |
| GR30  | Attiki                         | 2385  | 1515               |
| GR41  | Voreio Aigaio                  | 158   | 128                |
| GR42  | Notio Aigaio                   | 185   | 170                |
| GR43  | Kriti                          | 403   | 352                |
| Total | Total                          | 6928  | 5568               |

# 2.1.5 Sample selection schemes

# 1<sup>st</sup> stage of sampling

In this stage, from any ultimate stratum (crossing of Region with the degree of urbanization), say stratum h,  $n_h$  primary units were drawn (where the number  $n_h$  of draws was approximately proportional to the population size  $X_h$  of the stratum (number of households according to the last population census of the year 2001).

Each area unit (primary unit) of the stratum had a selection probability proportional to its size. So, if  $X_{hi}$  was the number of households according to the 2001 population census- of the unit in the sample of order i, then the probability of being drawn was:

$$P_{hi} = \frac{X_{hi}}{X_h} \quad (1)$$

The total number of the primary sampling units is 1.056 areas.

As in each year the 25% of the sample households is replaced, the new households belong to different primary sampling units.

# 2<sup>nd</sup> stage of sampling

In this stage from each primary sampling unit (selected area) the sample of ultimate units (households) is selected. Actually, in the second stage we draw a sample of dwellings. However, in most cases, there is one to one relation between household and dwelling. If the selected dwelling constitutes of one or more households then all of them are interviewed.

Let  $M_{hi}$  be the number of households during the survey period in the  $i_{th}$  selected area of the stratum h. Out of them a systematic sample of  $m_{hi}$  households is selected with equal probabilities. Each of  $m_{hi}$  households has the same chance to be included in the survey,

equal to: 
$$\frac{m_{hi}}{M_{hi}}$$

In any selected primary unit, remains the determination of the sample size  $m_{hi}$ . The total number of households to be interviewed of the  $n_h$  selected primary sampling units will

be 
$$m_h = \sum_{i=1}^{n_h} m_{hi}(2)$$

i.e. finally by applying the two stage sampling procedure, from the stratum h the percentage of households  $\frac{m_h}{M}$  is drawn.

In repeated sampling, the numerator of this fraction will vary from sample to sample; to be more specific the fraction  $\frac{m_h}{M_h}$  is a random variable. Within each primary sampling unit the calculation of the sampling interval  $\delta_{hi} = \frac{M_{hi}}{m_{hi}}$  is carried out, so that the following two desired conditions are satisfied.

- a) The expected result  $\frac{m_h}{M_h}$  is the predetermined over sampling fraction  $\frac{1}{\lambda}$  in each geographical region (NUTS II):  $E\left(\frac{m_h}{M_h}\right) = \frac{1}{\lambda} = 2\%$
- b) The estimator of the stratum total  $Y_h$  (for any characteristic) should be self-weighting. In other words, the calculated estimator is the result derived from the sum of the values of the characteristic over the  $m_h$  sample households by the overall raising factor  $\lambda$ , which is the same in each geographical region.

The conditions (a) and (b) are satisfied when:

$$\frac{1}{n_{h}} \cdot \frac{1}{P_{hi}} \cdot \frac{M_{hi}}{m_{hi}} = \lambda \quad (3) \Rightarrow 
\frac{1}{n_{h}} \cdot \frac{1}{P_{hi}} \cdot \delta_{hi} = \lambda \Rightarrow 
\delta_{hi} = \frac{M_{hi}}{m_{hi}} = \lambda \cdot n_{h} \cdot P_{hi} \quad (4)$$

#### 2.1.6 Sample distribution over time

As the survey is annual, the sample of households is not distributed over time. The survey is carried from March to May of the year 2005 with reference period of data the previous year (2004).

| Month | Date     | Number | %    |
|-------|----------|--------|------|
|       | 1 to 10  | 0      | 0,0  |
| April | 11 to 20 | 6      | 0,1  |
|       | 21 to 30 | 172    | 3,1  |
|       | 1 to 10  | 553    | 9,9  |
| May   | 11 to 20 | 918    | 16,5 |
|       | 21 to 31 | 489    | 8,8  |
|       | 1 to 10  | 987    | 17,7 |
| June  | 11 to 20 | 1386   | 24,9 |
|       | 21 to 30 | 1057   | 19,0 |

Table 29. Sample distribution (household questionnaire) over time

#### 2.1.7 Renewal of the sample: rotational groups

The survey is a simple rotational design survey. The sample for any year consists of 4 replications, which have been in the survey for 1-4 years. With the exception of the first three years of survey, any particular replication remains in the survey for 4 years, each year, one of the 4 replications from the previous year is dropped and a new one is added. Between year T and T+1 the sample overlap is 75%; the overlap between year T and year T+2 is 50%; and it is reduced to 25% from year T to year T+3, and to zero for longer intervals.

#### 2.1.8 Weightings

#### 2.1.8.1 Design factor

For the computation of the sample household design weights as well for the computation of the cross sectional weights of the survey in general, the EC-Eurostat document EU-SILC Doc. 157/05 was used.

For the households in panel 5 - panel 5 replaced panel 1 and is of wave 1 - the household design weight (target variable DB080) is defined as the inverse of its probability of selection.

$$\frac{1}{n_h} \cdot \frac{1}{P_{hi}} \cdot \frac{M_{hi}}{m_{hi}} = DW_{hi}$$
 (5)

**Mhi** = the number of households in the updated sampling frame in the **hi** area (primary unit).

**mhi** = the number of selected households in the **hi** area (primary unit).

**nh** = the sample size of primary units in the **h** stratum.

**Phi** = the selection probability of **hi** primary unit.

For households in panels 3, 4 and 5 the household design weights are defined by applying the general procedure of EU-SILC Doc.157/05:

- Computation of panel person design weights
- Correction for non-response due to attrition
- Computation of sub-sample household weights
- Computation of sample household design weights

# 2.1.8.2 Non-response adjustments

Within each design stratum, the non-response adjustment of the responding households is carried out by the inverse of the response rate, so as to "make up" for non-responding cases in that stratum.

Target variable DB080 was adjusted for non-response for the variables DB120 (record of contact at address) and DB130 (household questionnaire result). The corrections were conducted at subsequent steps. The multiplication of DB080 with each one of the two corrections, results in a corrected DB080 weight that is used as initial weight in the calibration procedure referred in the following paragraph.

#### 2.1.8.3 Adjustment to external data (level, variables used and sources)

This involves the calibration of the household and personal weights in conjunction with external sources (projections for population totals for year 2005). Thus, it enables the distribution of auxiliary variables on both household and individual level.

The auxiliary variables used at household level are the household size, the tenure status and the Geographical Region (NUTS II). Also, at personal level the auxiliary variable used is the distribution of population by age (five years age groups) and sex.

The weights obtained after this procedure of calibration are the household cross-sectional weights (variable: DB090). As all the household members reply to the household questionnaire, DB090 is also the weight of each member of the household (variable: RB050).

The last step involves the calculation of the personal cross sectional weights for household members aged of 16 and over (variable: PB040). The calibration procedure was applied again using as initial weights variable RB050 and as auxiliary variable the distribution of population aged 16 and over by age (five years age groups) and sex.

#### 2.2. Sampling Errors

# 2.2.1 Estimation of survey characteristics

This paragraph presents the general procedure applied in order to estimate the survey characteristics and also the survey characteristics required for the calculations of standard errors and effective sample size for the common cross-sectional EU indicators based on the cross-sectional component of EU-SILC, for the equivalised disposable income and for the unadjusted gender pay gap.

Let  $Y_{hij}$  be the value of the characteristic y for the sampling member of order j  $(j=1,2,...,m_{hi})$  of the hi area. Moreover,  $Y_h$  stands for the stratum total, which results

when adding the characteristic y from all household members included in the stratum h.

The form of the estimator on the basis of the two-stage design is:

$$\hat{Y}_{h} = \sum_{i=1}^{n_{h}} \sum_{j=1}^{m_{hi}} w_{hij} \cdot y_{hij}$$
 (6)

In the case of the unadjusted gender pay gap,  $w_{hij}$  stands for PB040, while in the case of common cross-sectional indicators and equivalised disposable income,  $w_{hij}$  stands for RB050 corrected for the effect of missing values (page 9 of the EU-SILC 131-rev/04 document).

For estimating the characteristic  $\mathbf{y}$  in country level, all stratum estimates  $Y_h$  should be added, as follows:

$$\hat{Y} = \sum_{h} \hat{Y}_{h}^{(7)}$$

The estimation of the number of households or household members  $X_h$  in stratum h is calculated using the formula:

$$\hat{X}_{h} = \sum_{i=1}^{n} \sum_{j=1}^{m_{hi}} w_{hij}$$
(8)

while the estimation of the relevant characteristic in country level is calculated by adding all strata estimations, that is:

$$\hat{X}_h = \sum_h \hat{X}_h \qquad _{(9)}$$

In order to estimate the variances of the required characteristics, the following steps should be implemented.

At the country level, for each class (let be h) defined by age-group and sex (class=age-group x sex) the  $\sum_{i} W_{hi} = N_h$ =constant (known population), due to calibration process. As a result,

$$V(\widehat{Y}) = \sum_{h} V(\widehat{Y}_{h}) = \sum_{h} \sum_{i} W_{hi} \cdot (W_{hi} - 1) \cdot (Y_{hi} - \overline{Y}_{h})^{2}$$
(10)

Where:  $W_{hi}$ : Te extrapolation factor of the hi household member,

 $y_{hi}$ : The value of the variable y for the person hi and

$$\overline{y}_h$$
: The weighted mean of the class  $h$ ,  $\overline{y}_h = \frac{\sum_i W_{hi} \cdot y_{hi}}{\sum_i W_{hi}}$ 

The formulas above can be used for the *equivalised disposable income*. Especially for the unadjusted gender pay gap R, expressed as  $R=\frac{R1}{R2}$ , where

$$R1 = \frac{\sum_{PB150=2 \, and PL035=1 \, and \, 16 <= AGE <= 64} W_{hij}.HOURLY\_EARNINGS}{\sum_{PB150=2 \, and PL035=1 \, and \, 16 <= AGE <= 64} (11)$$

and

$$R2 = \frac{\sum_{PB150=1}^{PB150=1} w_{hij}.HOURLY\_EARNINGS}{\sum_{PB150=1}^{PB150=1} w_{hij}} (12)$$

now we estimate the variance of  $R = \frac{R1}{R2}$  using the following formulas.

For  $\widehat{R}1$  and  $\widehat{R}2$ , the variances  $V(\widehat{R}1)$  and  $V(\widehat{R}2)$  are calculated using

$$V\left(\widehat{R1}\right) = \frac{V(\widehat{Y}) + \widehat{R1}^{2} \cdot V(\widehat{X}) - 2 \cdot \widehat{R1} \cdot Cov(\widehat{Y}, \widehat{X})}{\widehat{X}^{2}}$$
(13)

(the same formula applies also for R2 using the relevant data for men)

where:

$$Cov(\widehat{Y}, \widehat{X}) = \sum_{h} Cov(\widehat{Y}_{h}, \widehat{X}_{h}) = \sum_{h} \sum_{i} W_{hi} \cdot (W_{hi} - 1) \cdot (Y_{hi} - \overline{Y}_{h}) \cdot (\chi_{hi} - \overline{\chi}_{h}) (14)$$

where:

 $\chi_{hi}$ : The value of variable x. In case the denominator of a ratio is equal to an estimated number of household-members belonging to one sub-population, then  $\chi_{hi} = \begin{cases} 1 & \text{if } hi \in U_d \\ 0 & \text{otherwise} \end{cases}$ 

 $U_d$ : The specific subpopulation of interest ( $U_d \subset U$  = whole population) and

$$\overline{\chi}_{h} = \frac{\sum_{i} w_{hi} \cdot \chi_{hi}}{\sum_{i} w_{hi}}$$
Finally,  $V(\widehat{R}) = V(\widehat{R}1/\widehat{R}2) = (\frac{R1}{R2})^{2} \cdot (C_{\bar{R}1\bar{R}1} + C_{\bar{R}2\bar{R}2} - 2 \cdot C_{\bar{R}1\bar{R}2})$  (15)

where

$$C_{\hat{R}1\hat{R}1} = \frac{V(R1)}{R1^2} \ (16)$$

$$V(\hat{R}2)$$

$$C_{\hat{R}2\hat{R}2} = \frac{V(R2)}{R2^2} (17)$$

$$C_{\hat{R}1\hat{R}2} = C_{\hat{Y}_1\hat{Y}_2} + C_{\hat{X}_1\hat{X}_2} - C_{\hat{Y}_1\hat{X}_2} - C_{\hat{Y}_2\hat{X}_1} (18)$$

and

$$C_{\widehat{Y}_{1}\widehat{Y}_{2}} = \frac{Cov(\widehat{Y}_{1}, \widehat{Y}_{2})}{\widehat{Y}_{1}\widehat{Y}_{2}}$$
(19)

$$C_{\hat{X}_1 \hat{X}_2} = \frac{Cov(\hat{X}_1, \hat{X}_2)}{\hat{X}_1 \hat{X}_2}$$
 (20)

$$C_{\hat{Y}_1\hat{X}_2} = \frac{Cov(\hat{Y}_1, \hat{X}_2)}{\hat{Y}_1\hat{X}_2}$$
 (21)

$$C_{\hat{Y}_{2}\hat{X}_{1}} = \frac{Cov(\hat{Y}_{2}, \hat{X}_{1})}{\hat{Y}_{2}\hat{X}_{1}} \ _{(22)}$$

All the above covariances (19) to (22) are calculated with the use of the formula (14) and the relevant variables of women and men respectively.

The same procedure and formulas applied for unadjusted gender pay gap was also used in the case of the indicator "Inequality of income distribution S80/S20 income quintile share ratio". For all other indicators, expressed as ratios, formulas (13) - (14) were used.

#### 2.2.2 Standard Error and Effective Sample Size

<u>Standard errors</u> for all the required indicators were calculated in the form of coefficient of variation (CV).

For an estimate  $\hat{Y}$ , the coefficient of variation is defined as:

$$CV(\hat{Y}) = \frac{\sqrt{V(\hat{Y})}}{\hat{Y}} *100 (23)$$

<u>Effective sample size</u> was calculated as the ratio of the actual sample size to the design effect. The *design effect* was calculated as the ratio of the variance estimate produced for two-stage stratified sampling to the variance estimate produced under the assumption of simple random sampling.

The variance estimates under the assumption of simple random sampling were calculated using the formulas presented below. Concerning the symbolisms used in the formulas, the logic is the same as in the formulas for two-stage stratified sampling .

The variance estimator for  $\hat{Y}$  and  $\hat{X}$  yields respectively from (24) and (25):

$$Var(\widehat{Y}) = \frac{N(N-n)}{n(n-1)} \cdot \left[ \sum_{i=1}^{n} y_i^2 - \frac{\left(\sum_{i=1}^{n} y_i\right)^2}{n} \right]$$
(24)

$$Var(\widehat{X}) = \frac{N(N-n)}{n(n-1)} \cdot \left[ \sum_{i=1}^{n} x_i^2 - \frac{\binom{n}{\sum_{i=1}^{n} x_i}}{n} \right] (25)$$

The variance estimator for ratios, e.g. R1 (ratios are defined as in two-stage stratified sampling) is as follows:

$$Var(\widehat{R}1) = \frac{1}{\widehat{X}^{2}} \cdot \frac{N(N-n)}{n} \cdot \left[ S_{y}^{2} + R^{2} \cdot S_{x}^{2} - 2 \cdot R \cdot Cov(Y, X) \right]$$
(26)

where:

$$S_{y}^{2} = \frac{1}{n-1} \cdot \left[ \sum_{i=1}^{n} y_{i}^{2} - \frac{\left(\sum_{i=1}^{n} y_{i}\right)^{2}}{n} \right]$$
(33), 
$$S_{x}^{2} = \frac{1}{n-1} \cdot \left[ \sum_{i=1}^{n} x_{i}^{2} - \frac{\left(\sum_{i=1}^{n} x_{i}\right)^{2}}{n} \right]$$
(27),

and

$$Cov(Y,X) = \frac{1}{n^{-1}} \cdot \left[ \sum_{i=1}^{n} y_{i} \cdot \chi_{i} - \frac{\left(\sum_{i=1}^{n} y_{i}\right) \cdot \left(\sum_{i=1}^{n} \chi_{i}\right)}{n} \right] (28)$$

Finally, the coefficient of variation for "unadjusted gender pay gap" and "Inequality of income distribution S80/S20 income quintile share ratio" is calculated using the formulas (25) to (22) presented above.

In the table 30 that follows the CV, the design effect, the actual sample size and the effective sample size are presented for all required indicators.

Table 30. Coefficient of Variance, Design Effect, Actual and Effective Sample size per indicator

| INDICATOR  | CV % | Design Effect | Actual Sample Size | Effective Sample Size |
|--|------|---------------|--------------------|-----------------------|
| At-risk-of-poverty rate (after social transfers)         | 1.90 | 1.3           | 14878              | 11353                 |
| At-risk-of-poverty rate by age and gender                | 1.90 | 1.3           | 14878              | 11353                 |
| At-risk-of-poverty rate by age and gender (female_0-15)  | 7.10 | 1.4           | 1175               | 836                   |
| At-risk-of-poverty rate by age and gender (female_16-24) | 7.27 | 1.4           | 815                | 578                   |
| At-risk-of-poverty rate by age and gender (female_25-49) | 5.07 | 1.4           | 2632               | 1861                  |
| At-risk-of-poverty rate by age and gender (female_50-64) | 6.51 | 1.3           | 1329               | 1012                  |
| At-risk-of-poverty rate by age and gender (female_>=65)  | 4.21 | 1.1           | 1697               | 1487                  |
| At-risk-of-poverty rate by age and gender (female_>=16)  | 2.73 | 1.3           | 6473               | 5053                  |
| At-risk-of-poverty rate by age and gender (female_16-64) | 3.51 | 1.3           | 4776               | 3638                  |
| At-risk-of-poverty rate by age and gender (female_0-64)  | 3.15 | 1.3           | 5951               | 4444                  |
| At-risk-of-poverty rate by age and gender (male 0-15)    | 6.73 | 1.3           | 1255               | 968                   |
| At-risk-of-poverty rate by age and gender (male 16-24)   | 8.00 | 1.3           | 812                | 605                   |
| At-risk-of-poverty rate by age and gender (male 25-49)   | 5.60 | 1.5           | 2472               | 1681                  |

Table 30 – continued. Coefficient of Variance, Design Effect, Actual and Effective Sample size per indicator

| INDICATOR  | CV % | Design Effect | Actual Sample Size | Effective Sample Size |
|--|------|---------------|--------------------|-----------------------|
| At-risk-of-poverty rate by age and gender (male 50-64) | 6.61 | 1.2           | 1293               | 1054                  |
| At-risk-of-poverty rate by age and gender (male >=65)  | 5.45 | 1.2           | 1398               | 1155                  |
| At-risk-of-poverty rate by age and gender (male >=16)  | 3.13 | 1.3           | 5975               | 4541                  |
| At-risk-of-poverty rate by age and gender (male 16-64) | 3.78 | 1.3           | 4577               | 3516                  |
| At-risk-of-poverty rate by age and gender (male 0-64)  | 3.30 | 1.3           | 5832               | 4464                  |
| At-risk-of-poverty rate by age and gender (0-15)       | 4.89 | 1.4           | 2430               | 1799                  |
| At-risk-of-poverty rate by age and gender (16-24)      | 5.39 | 1.4           | 1627               | 1181                  |
| At-risk-of-poverty rate by age and gender (25-49)      | 3.76 | 1.4           | 5104               | 3546                  |
| At-risk-of-poverty rate by age and gender (50-64)      | 4.64 | 1.3           | 2622               | 2061                  |
| At-risk-of-poverty rate by age and gender (>=65)       | 3.33 | 1.2           | 3095               | 2663                  |
| At-risk-of-poverty rate by age and gender (>=16)       | 2.06 | 1,3           | 12448              | 9612                  |

Table 30 - continued. Coefficient of Variance, Design Effect, Actual and Effective Sample size per indicator

| INDICATOR  | CV %  | Design Effect | Actual Sample Size | Effective Sample Size |
|--|-------|---------------|--------------------|-----------------------|
| At-risk-of-poverty rate by age and gender (16-64)                          | 2.57  | 1.3           | 9353               | 7155                  |
| At-risk-of-poverty rate by age and gender (0-64)                           | 2.28  | 1.3           | 11783              | 8905                  |
| At-risk-of-poverty rate by most frequent activity status and gender        | 2.08  | 1.3           | 12213              | 9518                  |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (female_employed)  | 6.81  | 1.4           | 2188               | 1537                  |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (female_unemployed)  | 9.83  | 1.3           | 337                | 262                   |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (female_retired)   | 4.61  | 1.0           | 1381               | 1341                  |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (female_other inactive)  | 4.02  | 1.3           | 2459               | 1841                  |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (male_employed)  | 4.95  | 1.4           | 3365               | 2413                  |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (male_unemployed)  | 10.66 | 1.7           | 235                | 137                   |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (male_retired)   | 5.13  | 1.1           | 1607               | 1522                  |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (male_other inactive)  | 7.70  | 1.4           | 641                | 470                   |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (employed)   | 4.01  | 1.4           | 5553               | 3953                  |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (unemployed)   | 7.37  | 1.5           | 572                | 376                   |
| At-risk-of-poverty rate by most frequent activity status and gender        |       |               |                    |                       |
| (retired)  | 3.44  | 1.0           | 2988               | 2879                  |
| At-risk-of-poverty rate by most frequent activity status and gender (other |       |               |                    |                       |
| inactive)  | 3.56  | 1.3           | 3100               | 2310                  |

Table 30- continued. Coefficient of Variance, Design Effect, Actual and Effective Sample size per indicator

| INDICATOR   | CV % | Design Effect | Actual Sample Size | Effective Sample Size |
|---|------|---------------|--------------------|-----------------------|
| At-risk-of-poverty rate by household type   | 1.90 | 1.3           | 14822              | 11298                 |
| At-risk-of-poverty rate by household type (one person)                              | 4.95 | 1.1           | 1188               | 1131                  |
| At-risk-of-poverty rate by household type (2 ad, both<65, no dep children)          | 6.55 | 1.0           | 1346               | 1294                  |
| At-risk-of-poverty rate by household type (2 ad, at least one >65, no dep children) | 4.07 | 1.1           | 1946               | 1818                  |
| At-risk-of-poverty rate by household type (other, without dep children)             | 5.71 | 1.6           | 2876               | 1768                  |
| At-risk-of-poverty rate by household type (single parent, >=1dep children)          | 9.22 | 1.4           | 233                | 161                   |
| At-risk-of-poverty rate by household type (2 ad, 1 dep child)                       | 6.55 | 1.2           | 1617               | 1357                  |
| At-risk-of-poverty rate by household type (2 ad, 2 dep children)                    | 4.27 | 1.6           | 2632               | 1696                  |
| At-risk-of-poverty rate by household type (2 ad, >=3 dep children)                  | 5.26 | 0.3           | 990                | 2847                  |
| At-risk-of-poverty rate by household type (other, with dep children)                | 5.31 | 1.5           | 1994               | 1326                  |
| At-risk-of-poverty rate by household type (without dep children)                    | 2.62 | 1.2           | 7356               | 6221                  |
| At-risk-of-poverty rate by household type (with dep children)                       | 2.73 | 1.4           | 7466               | 5232                  |
| At-risk-of-poverty rate by accommodation tenure status                              | 1.90 | 1.3           | 14878              | 11353                 |

Table 30 – continued. Coefficient of Variance, Design Effect, Actual and Effective Sample size per indicator

| INDICATOR   | CV   | Design Effect | Actual Sample Size | Effective Sample Size |
|---|------|---------------|--------------------|-----------------------|
| At-risk-of-poverty rate by accommodation tenure status (owner or rent free)   | 2.07 | 1.3           | 12608              | 9722                  |
| At-risk-of-poverty rate by accommodation tenure status (tenant)   | 4.76 | 1.4           | 2270               | 1641                  |
| At-risk-of-poverty rate by work intensity of the household  | 2.23 | 1.4           | 12586              | 9238                  |
| At-risk-of-poverty rate by work intensity of the household (without dep children WI=0)  | 5.68 | 1.1           | 961                | 868                   |
| At-risk-of-poverty rate by work intensity of the household (without dep children_0 <wi<1)< td=""><td>6.12</td><td>1.6</td><td>2645</td><td>1641</td></wi<1)<> | 6.12 | 1.6           | 2645               | 1641                  |
| At-risk-of-poverty rate by work intensity of the household (without dep children_WI=1)  | 7.31 | 1.1           | 1589               | 1464                  |
| At-risk-of-poverty rate by work intensity of the household (with dep children_WI=0)   | 7.12 | 1.8           | 302                | 165                   |
| At-risk-of-poverty rate by work intensity of the household (with dep children_0 <wi<0.5)< td=""><td>5.79</td><td>1.3</td><td>629</td><td>472</td></wi<0.5)<>  | 5.79 | 1.3           | 629                | 472                   |
| At-risk-of-poverty rate by work intensity of the household (with dep children_0.5 <w<1)< td=""><td>3.61</td><td>1.3</td><td>3536</td><td>2739</td></w<1)<>    | 3.61 | 1.3           | 3536               | 2739                  |
| At-risk-of-poverty rate by work intensity of the household (with dep children_WI=1)   | 6.40 | 1.4           | 2924               | 2108                  |
| Inequality of income distribution S80/S20 income quintile share ratio   | 1.28 | 0.4           | 6077               | 15806                 |
| Dispersion around the at-risk-of-poverty threshold (ARPT40%)  | 3.35 | 1.3           | 14878              | 11318                 |
| Dispersion around the at-risk-of-poverty threshold (ARPT50%)  | 2.43 | 1.3           | 14878              | 11704                 |
| Dispersion around the at-risk-of-poverty threshold (ARPT70%)  | 1.59 | 1.3           | 14878              | 11307                 |

Table 30- continued. Coefficient of Variance, Design Effect, Actual and Effective Sample size per indicator

| INDICATOR   | CV % | Design Effect | Actual Sample Size | Effective Sample Size |
|---|------|---------------|--------------------|-----------------------|
| At-risk-of-poverty rate before social transfers by age and gender_except      |      |               |                    |                       |
| old age and survivors benefits  | 1.74 | 13            | 14878              | 11348                 |
| At-risk-of-poverty rate before social transfers by age and gender_except old  |      |               |                    |                       |
| age and survivors benefits (female_0-15)                                      | 6.63 | 1.4           | 1175               | 820                   |
| At-risk-of-poverty rate before social transfers by age and gender_ except old |      |               |                    |                       |
| age and survivors benefits (female_16-64)                                     | 3.23 | 1.4           | 4776               | 3478                  |
| At-risk-of-poverty rate before social transfers by age and gender_ except old |      |               |                    |                       |
| age and survivors benefits (female_>=65)                                      | 3.77 | 1.2           | 1697               | 1472                  |
| At-risk-of-poverty rate before social transfers by age and gender_except old  |      |               |                    |                       |
| age and survivors benefits (female_>=16)                                      | 2.49 | 1.3           | 6473               | 5070                  |
| At-risk-of-poverty rate before social transfers by age and gender_except old  |      |               |                    |                       |
| age and survivors benefits (male_0-15)  | 6.37 | 1.3           | 1255               | 973                   |
| At-risk-of-poverty rate before social transfers by age and gender_except old  |      |               |                    |                       |
| age and survivors benefits (male_16-64)                                       | 3.44 | 1.4           | 4577               | 3334                  |
| At-risk-of-poverty rate before social transfers by age and gender_ except old |      |               |                    |                       |
| age and survivors benefits (male_>=65)  | 4.97 | 1.2           | 1398               | 1167                  |
| At-risk-of-poverty rate before social transfers by age and gender_except old  |      |               |                    |                       |
| age and survivors benefits (male_>=16)  | 2.86 | 1.3           | 5975               | 4532                  |

Table 30- continued. Coefficient of Variance, Design Effect, Actual and Effective Sample size per indicator

| INDICATOR  | CV % | Design Effect | Actual Sample Size | Effective Sample Size |
|--|------|---------------|--------------------|-----------------------|
| At-risk-of-poverty rate before social transfers by age and gender_except old age |      |               |                    |                       |
| and survivors benefits (0-15)  | 4.60 | 1.4           | 2430               | 1784                  |
| At-risk-of-poverty rate before social transfers by age and gender_except old age |      |               |                    |                       |
| and survivors benefits (16-64)   | 2.36 | 1.4           | 9353               | 6813                  |
| At-risk-of-poverty rate before social transfers by age and gender_except old age |      |               |                    |                       |
| and survivors benefits (>=65)  | 3.00 | 1.2           | 3095               | 2665                  |
| At-risk-of-poverty rate before social transfers by age and gender_except old age |      |               |                    |                       |
| and survivors benefits (>=16)  | 1.88 | 1.3           | 12448              | 9621                  |
| At-risk-of-poverty rate before social transfers by age and gender_including      |      |               |                    |                       |
| old age and survivors benefits   | 1.11 | 1.2           | 14878              | 12737                 |
| At-risk-of-poverty rate before social transfers by age and gender including old  |      |               |                    |                       |
| age and survivors benefits (female _0-15)  | 6.46 | 1.4           | 1175               | 829                   |
| At-risk-of-poverty rate before social transfers by age and gender including old  |      |               |                    |                       |
| age and survivors benefits (female _16-64)                                       | 2.34 | 1.3           | 4776               | 3637                  |
| At-risk-of-poverty rate before social transfers by age and gender including old  |      |               |                    |                       |
| age and survivors benefits (female _>=65)  | 1.29 | 1.4           | 1697               | 1197                  |
| At-risk-of-poverty rate before social transfers by age and gender including old  |      |               |                    |                       |
| age and survivors benefits (female _>=16)  | 1.47 | 1.1           | 6473               | 5760                  |
| At-risk-of-poverty rate before social transfers by age and gender including old  |      |               |                    |                       |
| age and survivors benefits (male _0-15)  | 6.06 | 1.3           | 1255               | 945                   |

Table 30- continued. Coefficient of Variance, Design Effect, Actual and Effective Sample size per indicator

| INDICATOR   | CV%  | Design Effect | Actual Sample Size | Effective Sample Size |
|---|------|---------------|--------------------|-----------------------|
| At-risk-of-poverty rate before social transfers by age and gender including old |      |               |                    |                       |
| age and survivors benefits (male _16-64)  | 2.65 | 1.4           | 4577               | 3294                  |
| At-risk-of-poverty rate before social transfers by age and gender including old |      |               |                    |                       |
| age and survivors benefits (male _>=65)   | 1.56 | 1.3           | 1398               | 1108                  |
| At-risk-of-poverty rate before social transfers by age and gender including old |      |               |                    |                       |
| age and survivors benefits (male _>=16)   | 1.74 | 1.2           | 5975               | 5033                  |
| At-risk-of-poverty rate before social transfers by age and gender including old |      |               |                    |                       |
| age and survivors benefits (0-15)   | 4.42 | 1.4           | 2430               | 1772                  |
| At-risk-of-poverty rate before social transfers by age and gender including old |      |               |                    |                       |
| age and survivors benefits (16-64)  | 1.76 | 1.3           | 9353               | 6939                  |
| At-risk-of-poverty rate before social transfers by age and gender including old |      |               |                    |                       |
| age and survivors benefits (>=65)   | 0.99 | 1.3           | 3095               | 2319                  |
| At-risk-of-poverty rate before social transfers by age and gender including old |      |               |                    |                       |
| age and survivors benefits (>=16)   | 1.13 | 1.2           | 12448              | 10819                 |
| Gini Coefficient (inequality of income distribution)                            | 0.80 | 2.4           | 14878              | 6123                  |
| Equivalised disposable income   | 0.70 | 1.4           | 14878              | 10477                 |
| Unadjusted gender pay gap   | 2.12 | 1.3           | 3457               | 2589                  |

# 2.3.Non-sampling errors

# 2.3.1 Sampling frame and coverage errors

EU-SILC is a household survey and, as it has already been mentioned, is carried out by applying the two-stage stratified sampling with Primary Sampling Unit (PSU) the area (one or more building blocks) and final unit the household. Thus, two frames are used, which are:

- 1. the frame containing the PSUs (areas) and
- 2. the frame of households within the selected PSUs.

The frame of PSUs is updated every ten (10) years through the general population census. Concerning the frame of households, within each selected PSU this is updated before the selection of the sampling households used for data collection.

So, any coverage problems that may arise is more possible to relate with the frame of PSUs. However, any such problems are corrected with the use of the calibration procedure already described.

# 2.3.2 Measurement and processing errors

#### 2.3.2.1. Measurement errors

Measurement errors can occur from the questionnaire, the interviewers and their training, the respondents, the routing, and the skills testing before starting the fieldwork.

# (1) The questionnaire

For building up the questionnaires we adopted the initially proposed questionnaires of Eurostat as the basis (documents EU-SILC055 and EU-SILC065). The structure of the questionnaires is similar to these ones. The majority of the questions are almost literally copied and translated.

In order to finalize the questionnaires, we took into account any observations made on the questionnaires of the previous years (pilot survey, EU-SILC 2003 and 2004), together with the experience from the ECHP projects.

Mainly the parts on self-employment income and taxes have been differently formulated.

The questionnaires for the 2005 survey were the same as those of 2004 survey, except for some small changes in the wording of the tax questions made, in order to better collect, the tax payments or tax receipts. It should be noted that he tax adjustment period coincides with the survey conduction and respective tax amounts are not known. This problem will be solved after adapting the gross-net conversion model.

Usually, during the survey conduction (March-May) the monthly salary raise for employees is not known, as it is realized almost at the end of June-July, hence the respondents cannot provide the exact income figures (PY200G).

The questions related to employee income and more specifically the ones on supplementary income from illness, incapacity, maternity and survivor's benefits didn't work at all due to its complexity and also due to the fact that the interviewees couldn't separate the amounts asked. In most of the cases the specific amounts are already included in the salaries or pensions. This way, social transfers are not accurately recorded. Probably from 2007 onwards, the specific questions will be skipped.

Question for self-employed on drawing money from work account for any non-business purposes has also been confusing. A slightly different wording and better explanation of the question gave better results.

Tax corresponding to income of year 2004 cannot be separated from tax corresponding to income of previous year paid in 2004 as we collected it together. Amounts have been separated from the survey of 2006, onwards.

Another general problem concerns housewives having never worked but receiving pension from the agricultural insurance organization, which is common in Greece.

# (2) The interviewers and their training.

All the external collaborators (interviewers) of Attiki Prefecture attended a three days training course before starting the fieldwork. Three days training was both on the basic concepts of the survey and the questionnaire completion and on the use and completion of the electronic questionnaires.

Another three days training in Athens, followed, for the Regional Offices Heads, which in turn trained both their personnel as well as the external collaborators.

Two manuals were distributed and explained during the training:

- A general guidelines' manual containing information about the objectives of the survey, the organisation of the survey, legal and administrative aspects around the survey, fieldwork aspect (how to contact the household, how to introduce oneself, who answers which questions, time delays, ...) and the content and correct completion of the questionnaires.
- A second manual on the use of portable PCs for the EU-SILC Computer Assisted Personal Interviews and about the data entry program itself.

It seems though that still some interviewers don't use the exact wording of the questions. Others skip questions, especially subjective ones (e.g. deprivation questions). Also, when the respondents didn't provide the figures the interviewers completed/imputed the figures themselves.

# (3) The respondents

The respondents hesitate in providing income figures and in general deny to consult their tax return, in order to provide exact / correct amounts.

Income from interests, dividends in unincorporated businesses is in general not provided from the households, resulting thus in a significant underestimation of it.

There is a sense that still self-employment income has been under-estimated.

As far as the educational level is concerned, what has been often noticed is that, due to the fact that since the late 70's both the lower secondary education and the upper secondary education were named "secondary education", for persons born before 1960 answers have been confused.

The National Statistical Service of Greece made several plausibility checks. Especially for income data lower and upper bounds of the range in which an amount of income was accepted were applied. These checks were carried out during the survey conduction, as the guidelines of the survey included such bounds for specific income data, and afterwards centrally by personnel of the NSSG. Whenever necessary, households were called back

Changes occurring in persons' activity status longitudinally resulted in a number of inconsistencies. For example, persons having been working in year N-1 but retired in year N, persons being students in year N-1 and employed in year N, income in year N-1 from persons who died in year N, etc. may result in these inconsistencies representing though reality. In any case the pre-mentioned examples resulted both in under and over reporting of income.

#### (4) Errors in routing

No errors in routing were made.

# (5) Skills testing before starting the fieldwork

Interviewers were both external collaborators and personnel of the National Statistical Service, all experienced with other household surveys carried out by our Institute, at a percentage of 90%. More specifically 50% of interviewers were personnel and the other 50% external collaborators.

#### 2.3.2.2. Processing errors

Greece used the CAPI– method to interview the persons. The electronic questionnaires were designed using Oracle - SQL.

# (1) Data entry controls

As pre-mentioned several plausibility checks have been made, using the validation rules of doc. 65.

Additionally, to Eurostats' basic checks, checks were made with the data entry programs.

In general, data entry programs and post-data entry programs checks were made as following:

#### Coverage

Checks on the number of questionnaires expected to be collected

- Number of expected household questionnaires per area unit.
- Number of expected personal questionnaires per interviewed household.
- Number of split-off households.
- Number of tracing sheets and number of moved members.
- > Deletion of duplicates
- ➤ Person identification check (household member check / person identification check on household register)
- Monitoring of flows, valid values and out of range values
- > Intra-year inconsistencies check
  - o Intra-questionnaire inconsistencies check

#### Personal Register

• The specific child care programs were cross-checked with the age of the child. For example for a three year-old child the interviewer could not register an answer to "number of hours spent per week in a program of obligatory educational level"

# Household Questionnaire

- In question 7 on tenure status, if there was an answer in "owned dwelling" or "rented for free" then there couldn't be registered a positive answer in question 21 on "arrears on mortgage or rent payments".
- In question 20 on "Capacity to afford paying for one week annual holiday away from home, have a meal with meat, chicken, fish every second year, etc." if a positive answer existed in all four items then in question 22 on "ability to make ends meet" a positive answer wasn't accepted in "with great difficulty".
- In question 29 on social security benefits, and specifically for the social solidarity allowance for pensioners, up and down boundaries were inserted for the registration of the amount.

# Personal Questionnaire

- The age in question 2 was cross-checked with the educational level attended in question 7.
- The age in question 2 was cross-checked with the educational level attained in question 8.
- Between questions 7 and 8 there was also made a cross-check, so that a person cannot attend a level of education being lower than the one having being finished.
- In questions 8 and 9 cross-check was made between the age at which the person finished a specific educational level and the specific educational level having been attained. The age couldn't be less than the usual age at which the level is attained.

- In question 11 a person suffering from a chronic illness or condition couldn't answer in question 10 that has "very good health"
- In question 19 on basic activity status all the answers were cross-checked with the answer provided in the personal register.
- A more complicated cross-check was made in year of birth (question 2), age first job was undertaken (question 47) and years spend as employee or self-employed (question 48).
- In question 47 a person couldn't answer "have never worked" if there exists a positive answer in question 19 "working full or part time" or answer "yes" in question 22 "Have you ever worked?".
- In question 116 on the s/n of the member with which the respondent makes tax return, the s/n of the respondent wasn't accepted.

  In all the re-mentioned checks the cursor couldn't continue to the next answer and a special notice was written on the screen.
  - o Inter-questionnaire inconsistencies check
- In question 23 on the existence in the household of a child aged less than 16, the program checked from the household register the ages and didn't allow for a wrong answer.

#### Longitudinal checks

- Checks and comparison of demographic data register in the Personal Register, with these of previous year.
- Check and comparison of citizenships and countries of birth with previous year.

# (2) Codification

The codification of questions relating to occupation (ISCO), economic activity of the local unit (NACE), nationality was done by experienced personnel according to ISCO-88, NACE rev.2 and Doc 65/04.

# (3) Other controls and other problems

Several plausibility checks have been made, many of them being the same as the ones SAS program does. During the data processing of raw-material ACCESS-2000 and SPSS has been used.

# 2.3.3. Non-response errors

#### 2.3.3.1. Achieved sample size

**Table 31.** Number of households for which an interview is accepted for the database. Rotational group breakdown and total

| Rotational group | Households | %     |
|------------------|------------|-------|
| 1                | 1627       | 23,5  |
| 2                | 2142       | 30,9  |
| 3                | 1575       | 22,7  |
| 4                | 1584       | 22,9  |
| Total            | 6928       | 100,0 |

Table 32. Number of persons of 16 years or older who are members of the households for which the interview is accepted for the database, and who completed a personal interview. Rotational group breakdown and

| Rotational group | Households' members | %     |
|------------------|---------------------|-------|
| _1               | 3086                | 24,9  |
| 2                | 3319                | 26,8  |
| 3                | 3005                | 24,3  |
| 4                | 2971                | 24,0  |
| Total            | 12381               | 100,0 |

# 2.3.3.2 Unit non response

• Household non-response rates (NRh)

$$NRh = (1-(Ra * Rh)) * 100 = 19,21\%$$

where

 $Ra = \frac{\text{Number of addresses successfully contacted}}{\text{Number of valid addresses selected}}$ 

$$= \frac{\sum [DB120 = 11]}{\sum [DB120 = all] - \sum [DB120 = 23]} = \frac{6.733}{6.928 - 36} = 0,976930$$

 $Rh = \frac{\text{Number of household interviews completed and accepted for the database}}{\text{Number of eligible households at contacted addresses}} =$ 

$$= \frac{\sum [DB135 = 1]}{\sum [DB130 = all]} = \frac{5.568}{6.733} = 0,82697$$

NRh=(1-0,982\*0,896)\*100= 12,013%

So, the household non-response rate is 19,21%

• Individual non-response rates (NRp)

$$NRp = (1-(Rp))*100$$

Where

$$Rp = \frac{\text{Number of personal interview completed}}{\text{Number of eligible individual s}} = \frac{12.381}{12.448} = 0,9946$$

NRp=(1-0,9946)\*100=0,54%

So, the individual non-response rate is 0,54%

• Overall individual non-response rates (\*NRp)
\*NRp=(1-(Ra\*Rh\*Rp))\*100=(1-(0,97693\*0,82697\*0,995))\*100 = 19,61%

So, the overall individual non-response rate is 19,61%

*Table 33.* Non- response, by rotational group and total

|                  |                       | Total                | Rotation 1 | Rotation 2      | Rotation 3 | Rotation 4 |  |  |
|------------------|-----------------------|----------------------|------------|-----------------|------------|------------|--|--|
|                  | Ra                    | 0,992                | 0,995      | 0,986           | 0,994      | 0,995      |  |  |
|                  | Rh                    | 0,827                | 0,883      | 0,732           | 0,876      | 0,851      |  |  |
| All households   | NRh                   | 17,962               | 12,142     | 27,825          | 12,926     | 15,326     |  |  |
| All llousellolus | Rp                    | 0,995                | 0,997      | 0,996           | 0,992      | 0,994      |  |  |
|                  | NRp                   | 0,5                  | 0,3        | 0,4             | 0,8        | 0,6        |  |  |
|                  | NRp2                  | 18,372               | 12,405     | 28,114          | 13,622     | 15,834     |  |  |
|                  | Ra                    | Ra No substitutions  |            |                 |            |            |  |  |
|                  | Rh                    | Rh No substitutions  |            |                 |            |            |  |  |
| Original units   | NRh                   | NRh No substitutions |            |                 |            |            |  |  |
| Original units   | Rp                    | Rp No substitutions  |            |                 |            |            |  |  |
|                  | NRp                   |                      | 1          | No substitution | S          |            |  |  |
|                  | NRp2 No substitutions |                      |            |                 |            |            |  |  |

Ra – address contact rate

Rh – proportion of complete household interviews accepted for data base

NRh – household non response rate

Rp - proportion of complete personal interviews within households accepted for data base

NRp – individual non response rate

NRp2 – overall individual non response rate

# 2.3.3.3 Distribution of households by 'record of contact at address' (DB120), by 'household questionnaire result' (DB130) and by 'household interview acceptance' (DB135)

**Table 34.** Distribution of households by 'record of contact at address' (DB120), by 'household questionnaire result' (DB130) and by 'household interview acceptance' (DB135)

|   | Number of  | %     |
|---|------------|-------|
|   | households |       |
| Total (DB120 =11 to 23)                 | 6824       | 100.0 |
| Address contacted (DB120 =11)           | 6733       | 99.0  |
| Address non-contacted (DB120 =21 to 23) | 91         | 1.3   |
| Total address non-contacted             | 91         | 1.3   |
| Address cannot be located (DB120 =21)   | 53         | 0.8   |
| Address unable to access (DB120 =22)    | 2          | 0.0   |
| Address does not exist (DB120 =23)      | 36         | 0.5   |

**Table 35.** Distribution of households by 'household questionnaire result' (DB130) and by 'household interview acceptance' (DB135)

| nousenous unterview deceptance (221cc)          |            |       |
|---|------------|-------|
|   | Number of  | %     |
|   | households | /0    |
| Total   | 6733       | 100.0 |
| Household questionnaire completed (DB130 =11)   | 5568       | 82.7  |
| Interview not completed (DB130 =21 to 24)       | 1165       | 17.3  |
| Total interview not completed (DB130 =21 to 24) | 1165       | 100.0 |
| Refusal to co-operate (DB130 =21)               | 718        | 61.6  |
| Entire household temporarily away (DB130 =22)   | 345        | 29.6  |
| Household unable to respond (DB130 =23)         | 62         | 5.3   |
| Other reasons                                   | 40         | 3.4   |
| Household questionnaire completed (DB135=1+2)   | 5568       | 100.0 |
| Interview accepted for database (DB135=1)       | 5568       | 100.0 |
| Interview rejected (DB135=2)                    | -          | _     |

#### 2.3.3.4. Distribution of substituted units

No substitution was applied in our survey

# 2.3.3.5. Item non response

For the income variables the initial item non-response was approximately 0,5%. Mostly item non-response was observed in the self-employment income, however due to the limited percentage of non-response we decided to call back the households and their members in order to get the missing information. Hence, in our final data no items missing are included. Also, no imputation was made in the data as partial information didn't exist.

In the following table only the percentages of households (per income components collected or compiles at household level)/ persons (per income components collected or compiled at personal level) having received an amount for each income component are presented.

 Table 36.
 Item non response

| Total disposable household income  | % of households having received an amount        |
|--|--|
| Total disposable household income (HY020)  | 99.5   |
| Total disposable household income before social transfers except oldage and survivor's benefits (HY022)    | 99.0   |
| Total disposable household income before social transfers including old-age and survivor's benefit (HY023) | 85.5   |
| Net income components at household level   | % of households having received an amount        |
| Income from rental of a property or land (HY040N)  | 16.3   |
| Family related allowances (HY050N)   | 9.3  |
| Social exclusion not elsewhere classified (HY060N)   | 4.8  |
| Housing allowance (HY070)  | 0.9  |
| Interests, dividendes, etc. (HY090N)   | 3.6  |
| Regular inter-household cash transfer received (HY080)   | 9.0  |
| Income received by people aged < 16 (HY110)  | 0.0  |
| Taxes on wealth (HY120N)   | 0.7  |
| Regular inter-household cash transfer paid (HY130)   | 8.8  |
| Net income components at personal level  | % of persons 16+<br>having received an<br>amount |
| Employee cash or near cash income (PY010N)   | 34.5   |
| Net non-cash employee income (PY020N)  | 0.6  |
| Cash benefits or losses from self-employment (PY050N)  | 16.1   |
| Pension from individual private plans (PY080N)   | 0.1  |
| Unemployment benefits (PY090N)   | 2.6  |
| Old age benefits (PY100N)  | 20.9   |
| Survivor' benefits (PY110N)  | 4.4  |
| Sickness benefits (PY120N)   | 0.5  |
| Disability benefits (PY130N)   | 1.5  |
| Education-related allowances (PY140N)  | 0.2  |
| Gross monthly earnings for employees (PY200G)  | 31.5   |

# 2.3.3.6. Total item non-response and number of observations in the sample at unit level of the common cross-sectional European Union indicators based on the cross-sectional component of EU-SILC, for equivalised disposable income and for the unadjusted gender pay gap.

**Table 37.** Item non-response and number of observations at unit level of the common cross-sectional European Union indicators, for equivalised disposable income and for

the unadjusted gender pay gap

| Indicator   | Actual sample size | Effective sample size |
|---|--------------------|-----------------------|
| Mean Equivalised disposable income  | 14832              | 10477                 |
| Risk of poverty threshold : one person household                            | 1188               | 1131                  |
| Risk of poverty threshold: household with 2 adults and 2 dependent children | 2632               | 1696                  |
| Risk of poverty rate by age and gender                                      | 14832              | 11353                 |
| Risk of poverty rate by most frequent activity and gender                   | 12213              | 9518                  |
| Risk of poverty rate by household type                                      | 14832              | 11298                 |
| Risk of poverty rate by household type: Single households                   | 1188               | 1131                  |
| Risk of poverty rate by tenure status                                       | 14832              | 11353                 |
| Risk of poverty rate by work intensity of the household                     | 12586              | 9328                  |

**Table 37– continued.** Item non-response and number of observations at unit level of the common cross-sectional European Union indicators, for equivalised disposable income and for the unadjusted gender pay gap

| Indicator  | Actual sample size | Effective<br>sample size<br>(number of<br>persons) |
|--|--------------------|--|
| Dispersion around at risk poverty threshold (ARPT 40%)                           | 14878              | 11318  |
| Dispersion around at risk poverty threshold (ARPT 50%)                           | 14878              | 11704  |
| Dispersion around at risk poverty threshold (ARPT 70%)                           | 14878              | 11307  |
| Risk-of-poverty rate by age and gender before all transfers                      | 14832              | 11348  |
| Risk-of-poverty rate by age and gender before all transfers (including pensions) | 14832              | 12737  |
| Relative median risk-of-poverty gap by age and gender                            | 3424               | _  |
| S80/S20 quintile share ratio   | 6077               | 15806  |
| Gini coefficient   | 14832              | 6123   |
| Gender pay gap   | 3471               | 2589   |

It is noted that following doc.EU-SILC 131-rev/04, and more specifically according to the notice 4 in page 11 "people age -1 will be taken into account in the calculation of Female/males age .0". According to the SAS program for the calculation of indicators the

pre-mentioned people haven't been included. Hence, a difference is present in table 37, compared to table 30 presenting the standard errors.

# 2.4 Mode of data collection

Mostly, computer assisted personal interviewing (CAPI) technique has been used and more specifically face-to-face interviews with laptops. The other techniques used are the PAPI and CATI techniques, while the use of self-administered by the respondent technique is very limited.

# • Distribution of household members aged 16 and over

In tables 38 and 39 the distributions of household members aged 16 and over by 'data status (RB250) and by 'type of interview' (RB260) are presented.

**Table 38.** Distribution of household members  $(RB245=1^{1})$ 

|       | Total      | RB250=11 <sup>2</sup> | RB250=21 <sup>3</sup> | RB250=23 <sup>4</sup> | RB250=31 <sup>5</sup> | RB250=32 |
|-------|------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| Total |            | 12381                 | 2                     | 13                    | 48                    | 4        |
| %     |            | 83.5                  | 0.0                   | 0.2                   | 0.4                   | 0.0      |
|       | Rotation 1 | RB250=11              | RB250=21              | RB250=23              | RB250=31              | RB250=32 |
| Total |            | 3086                  | 1                     | 3                     | 8                     | 0        |
| %     |            | 99.6                  | 0.0                   | 0.1                   | 0.3                   | 0.0      |
|       | Rotation 2 | RB250=11              | RB250=21              | RB250=23              | RB250=31              | RB250=32 |
| Total |            | 3319                  | 0                     | 1                     | 11                    | 1        |
| %     |            | 99,6                  | 0.0                   | 0.0                   | 0.4                   | 0.0      |
|       | Rotation 3 | RB250=11              | RB250=21              | RB250=23              | RB250=31              | RB250=32 |
| Total |            | 3305                  | 0                     | 4                     | 18                    | 1        |
| %     |            | 99.2                  | 0.0                   | 0.2                   | 0.6                   | 0,0      |
|       | Rotation 4 | RB250=11              | RB250=21              | RB250=23              | RB250=31              | RB250=32 |
| Total |            | 2971                  | 1                     | 5                     | 11                    | 2        |
| %     |            | 99.4                  | 0.0                   | 0.2                   | 0.4                   | 0.0      |

<sup>1 1=</sup> Current households members aged 16 and over
2 11= Information completed only from interview
3 21Individual unable to respond (illness, incapacity, etc.) and no proxy possible
4 23= Refusal to cooperate
5 31=Person temporarily away and no proxy possible

Table 39. Distribution of household members ( RB260=1)

|       | Total      | RB260=1 <sup>6</sup> | RB260=2 <sup>7</sup> | RB260=3 <sup>8</sup> | RB260=4 <sup>9</sup> | RB260=5 <sup>10</sup> |
|-------|------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| Total |            | 8482                 | 3033                 | 197                  | -                    | 669                   |
| %     |            | 57.0                 | 20.4                 | 1.3                  | -                    | 4.5                   |
|       | Rotation 1 | RB260=1              | RB260=2              | RB260=3              | RB260=4              | RB260=5               |
| Total |            | 1975                 | 919                  | 40                   | 0                    | 152                   |
| %     |            | 64.0                 | 29.8                 | 1.3                  | 0.0                  | 4.9                   |
|       | Rotation 2 | RB260=1              | RB260=2              | RB260=3              | RB260=4              | RB260=5               |
| Total |            | 2401                 | 691                  | 38                   | 0                    | 189                   |
| %     |            | 72.3                 | 20.8                 | 1.2                  | 0.0                  | 5.7                   |
|       | Rotation 3 | RB260=1              | RB260=2              | RB260=3              | RB260=4              | RB260=5               |
| Total |            | 2108                 | 655                  | 67                   | 0                    | 175                   |
| %     |            | 70.2                 | 21.8                 | 2.2                  | 0.0                  | 5.8                   |
|       | Rotation 4 | RB260=1              | RB260=2              | RB260=3              | RB260=4              | RB260=5               |
| Total |            | 1998                 | 768                  | 52                   | 0                    | 153                   |
| %     |            | 67.2                 | 25.9                 | 1.7                  | 0.0                  | 5.2                   |

<sup>&</sup>lt;sup>6</sup> 1= Face to face interview - PAPI
<sup>7</sup> 2= Face to face interview - CAPI
<sup>8</sup> = CATI
<sup>9</sup> = Self-administered by respondent
<sup>10</sup> = Proxy interview

#### 2.5 Interview duration

The mean interview duration per household was estimated at 62,30 min. The average has been calculated according to the duration being registered in the questionnaires as the sum of the duration of the household interviews plus the sum of the duration of all personal interviews, divided by the number of household questionnaires completed and accepted for database. The time needed for the data entry of the questionnaires in the computer (CAPI interview) has not been taken into account.

# 3. COMPARABILITY

# 3.1 Basic concepts and definitions

# The reference population

The reference population is all citizens officially living at Greek territory (population de facto). The source of our sample is the Census Population. This Census includes all private households and their current members residing in the territory, independently of any socioeconomic characteristics they may have. Persons living in collective households and in institutions are excluded from the target population, as well as households having members diplomatic missioners.

#### The private household definition

The definition of household that Eurostat recommends is used. Household is defined as a person living alone or a group of people who live together in the same dwelling and share expenditures including the joint provision of the essentials of living.

# The household membership

All household members of 16 year and older at the time of the interview, are selected for a personal interview.

Subject to the further and specific conditions shown below, the following persons must if they share household expenses, be regarded as household members:

- 1. Persons usually resident, related to other members
- 2. Persons usually resident, not related to other members
- 3. Resident boarders, lodgers, tenants
- 4. Visitors
- 5. Line-in domestic servants, au-pairs
- 6. Persons usually resident, but temporarily absent from the dwelling (for reasons of holiday travel, work, education or similar)
- 7. Children of the household being educated away from home
- 8. Persons absent for long periods, but having household ties: persons working away from home
- 9. Persons temporarily absent but having household ties: persons in hospital, homes or other institutions

Further conditions for inclusion as household members are as follows:

(a) Categories 3,4, and 5:

Such persons must currently have no private address elsewhere; or their actual or intended duration of stay must be six months or more.

# (b) Category 6:

Such persons must currently have no private address elsewhere and their actual or intended duration of absence from the household must be less than six months.

Category 7 and 8:

Irrespective of the actual or intended duration of absence, such persons must currently have no private address elsewhere, must be the partner or child of a household member and must continue to retain close ties with the household and must consider this address to be his/her main residence.

# (c) Category 9:

Such person must have clear financial ties to the household and must be actually or prospectively absent from the household for less than six months.

# • Shares in household expenses

Share in household expenses include benefiting from expenses (e.g. children, persons with no income) as well as contributing to expenses. If expenses are no shared, then the person constitutes separate household at the same address.

# • Usually resident

A person shall be considered as a usually resident member of the household if he/she spends most of his/her daily rest there, evaluated over the past six months. Persons forming new households or joining existing households shall normally be considered as members at their new location; similarly, those leaving to live elsewhere shall no longer be considered as members of the original household. The abovementioned 'past six month' criteria shall be replaced by the intention to stay for a period of six months or more at the new place of residence.

# • Intention to stay for a period of six months or more

Account has to be taken of what may be considered as 'permanent' movements in or out of households. Thus a person who has moved into a household for an indefinite period or with their intention to stay for a period of six months or more shall be considered as a household member, even though the person has not yet stayed in the household for six months, and has in fact spent a majority of that time at some other place of residence. Similarly, a person who has moved out of the household to some other place of residence with the intention of staying away for six months or more, shall no longer be considered as a member of the previous household.

# • Temporarily absent in private accommodation

If the person who is temporarily absent is in private accommodation, then whether he/she is a member of this (or other) household depends on the length of the absence. Exceptionally, certain categories of persons with very close ties to the household may be included as members irrespective of the length of absence, provided they are not considered members of another private household.

In the application of these criteria, the intention is to minimize the risk that individuals who have two private addresses at which they might potentially be enumerated are not double-counted in the sampling frame. Similarly, the intention is to minimize the risk of some persons being excluded from membership of any household, even though in reality they belong to the private household sector.

# The income reference period used

The income reference period is a fixed twelve-month period, namely the previous calendar year. For SILC 2005; the income reference period is the year 2004.

# The period for taxes on income and social insurance contributions

This is also fixed twelve-month period, namely the previous calendar year. For SILC 2005; the period is the year 2004.

# The reference period on taxes on wealth

The reference period on taxes on wealth is the previous calendar year (2004).

#### The lag between the income reference period and current variables

The income reference period is the previous calendar year (year 2004) and the current variables refer to the fieldwork period (March-May 2005). Therefore the lag is at minimum 3 months and at maximum 5 months.

# Total duration of the data collection of the sample

The interviews were carried out starting 11 March and ending 31 May.

# Basic information on activity status during the income reference period

This information can be obtained by combining the answer for question 19 (PL030) with the answer for question 49 (calendar question).(PL210A—PL210K)

# 3.2 Components of income

#### 3.2.1 Income definitions

# **Total household gross income**

```
HY010G = PY010G + PY050G + PY090G + PY100G + PY110G + PY120G + PY130G + PY140G + HY040G + HY050G + HY060G + HY070G + HY080G + HY090G + HY110 G.
```

We collected gross income for approximately the 30% of income variables but we didn't calculate total household gross income, so this factor is zero in total disposable household income

#### Total household net income

```
HY010N = PY010N + PY050N + PY090N + PY100N + PY110N + PY120N + PY130N + PY140N + HY040N + HY050N + HY060N + HY070N + HY080N + HY090N + HY110 N.
```

#### Total disposable household income

```
HY020 = HY010 - HY145 - HY130 - HY120
```

Total disposable household income, before social transfers other than old age and survivors' benefit

```
HY022 = HY020 - PY090N + PY120N + PY130N + PY140N - HY050N - HY060N - HY070N
```

Total disposable household income, before social transfers including old age and survivors' benefit

```
HY023 = HY020 - PY090N + PY120N + PY130N + PY140N + PY100N + PY110N - HY050N - HY060N - HY070N.
```

# Imputed rent (HY030N)

Questions 8 or 9 (income ranges) of the household questionnaire. The respondent provides the figure and the interviewer checks the answer according to the rents prevailing in the specific area. However, we didn't count it in the total disposable household income.

# **Income from rental of property or land (HY040N)**

Asked as Eurostat recommends. Income from rental of a property or land refers to the income received, during the income reference period, from renting a property (for example renting a dwelling –not included in the profit/loss of unincorporated enterprises-, receipts from boarders or lodgers, or rent from land) after deducting costs such as mortgage interest repayments, minor repairs, maintenance, insurance and other charges.

# Family/children related allowances (HY050N)

Family / children related allowance includes:

- Lifelong pension for mothers having more than 3 children
- Allowance for families having 3 children
- Allowance for families having more than 3 children
- Family allowances for public servants
- Incapacitated relatives care benefit
- Pregnancy-puerperal benefit
- Parental leave allowance
- Birth grant
- Marriage benefit (lump-sum)

The allowance for family public servants, the allowance for pregnancy-puerperal and the allowance for parental leave, if registered to the particular question, will not be included to the income of employees.

# Social exclusion payments not elsewhere classified (HY060N)

Social benefits in the function 'social exclusion not elsewhere classified include:

- Assistance lump sum to poor households in mountainous and disadvantageous areas
- Allowances to children under 16 years old who live in poor households (preschool and school allowance)
- Allowance to repatriates
- Allowance to refugees
- Allowance to persons released from prison
- Allowance to drug-addicts and alcoholics
- Allowances to long-standing unemployed aged 45-65
- Allowance of social solidarity for pensioners
- Assistance to households having faced earthquake, flood, etc.

# Housing allowances (HY070N)

The housing allowances include:

- Benefits paid to bank clerks or public servants working in border areas, or to military servants
- Rent benefit, a means-tested transfer by a public authority to tenants, based on income
- Rent benefit, transfer by a public authority to households having faced an earthquake, flood, etc. independently of income
- Benefit to owner-occupiers: a means-tested transfer by a public authority to owner-occupiers to alleviate their current housing costs: in practice help with paying mortgages and/ or interest and/or rehabilitation subsidy and/or a building subsidy.
- Subsidy of interest rate for loans of first dwelling.

#### It excludes:

- Social housing policy organized through the fiscal system
- All capital transfers (in particular investment grants).

#### Regular inter – household cash transfers received (HY080N)

Regular inter-household cash transfers received refer to regular monetary amounts received, during the income reference period, from other households or persons. More specifically, we asked for "alimony –compulsory or voluntary", "child support, for children residing away from home" and in general for any regular cash support.

# Interest, dividends, profit from capital investments in incorporated businesses (HY090N)

Interests, dividends, profits from capital investment in an unincorporated business refer to the amount of interest from assets such as bank accounts, certificates of deposit, bonds, etc, dividends and profits from capital investment in an unincorporated business, in which the person does not work, received during the income reference period less expenses incurred

# Interest paid on mortgage (HY0100N)

Interest paid on mortgage refers is not collected.

# Income received by people aged under 16 (HY0110N)

Income received by people aged under 16 is defined as the gross income received by all household members aged under sixteen during the income reference period. Income received from other household members for work in the family business is not included.

#### Regular taxes on wealth (HY0120N)

Regular taxes on wealth refers to taxes that are payable periodically on the ownership or use of land buildings by owners. The regular taxes on wealth provided will be those paid during the income reference period.

#### Regular inter-household transfers paid (HY0130N)

Regular inter-household cash transfers paid refer to regular monetary amounts paid, during the income reference period, to other households or persons. More specifically, we asked for "alimony –compulsory or voluntary", "child support, for children residing away from home" and in general for any regular cash support.

# Tax on income and social insurance contributions (HY0140N)

Tax on income refers to taxes on income, profits and capital gains. They are assessed on the actual or presumed income of individuals, households or tax-unit. They include taxes assessed on holdings of property, land or real estate when these holdings are used as a basis for estimating the income of their owners.

#### Taxes on income include:

- Taxes on individual, household or tax-unit income (income from self-employment, property, entrepreneurship, pensions, etc.) included taxes deducted by employers (pay-as-you earn taxes), other taxes at source and taxes on the income of owners of unincorporated enterprise paid during the income reference period.
- Tax reimbursement received during the income reference period related to tax paid for the income received during the income reference period or for income received in previous year. This value will be taken into account as a reduction of taxes paid.
- Any interest charged on arrears of taxes due and any fines imposed by taxation authorities

Social insurance contributions refer to employees' and self-employed contributions paid during the income reference period to either mandatory government or employer-based insurance schemes (pension, health, etc.).

We have also taken into account of the money that people have received from the taxes or that people have paid to the taxes in 2004 (based on their incomes of the year 2003).

# Repayments/receipts for tax adjustments (HY0145N)

Repayments/receipts for tax adjustments refer to the money paid to/received from Taxes Authorities related to the income received.

# Cash or near-cash employee income (PY010N)

Employee cash or near cash income refers to the monetary component of the compensation of employees in cash payable by an employer on behalf of the employee to social insurance schemes or tax authorities.

# Included are:

- Wages and salaries paid in cash for time worked or work done in main and any secondary or casual job(s).
- Overtime
- Commission and tips
- Piece rate payments
- Payments for fostering
- Profit sharing and bonuses
- Allowance for working in remote locations, for transport
- Remuneration for time not worked (e.g. holiday payments)
- Additional payments based on productivity
- Supplementary payments (e.g. thirteenth month payment)
- Marriage allowance
- Allowance to the workers in the building constructions

#### Excluded are:

- Reimbursements made by the employer for work-related expenses (e.g. business travel)
- Severance and termination pay to compensate employees for employment ending before the employee has reached the normal retirement age for that job and redundancy payments

- Allowances for purely work-related expenses such as those for travel and subsistence or for protective clothes
- Lump sum payments at the normal retirement date
- Union strike pay

# Non-cash employee income (PY020N)

Gross non-cash employee income includes <u>only</u> the company car and associated costs (e.g. car insurance, taxes and duties), provided for either private use or both private and work use.

Information on the following items has also been collected, but not included, for:

- Free of charge or contribution meals within working hours
- Reduced values for electricity, telephone, water etc
- Produced goods provided free of charge or with reduced price to employees.

However they haven't been counted in the variable "non-cash employee income".

# **Employers' social insurance contribution (PY 035N)**

Information on the items has been collected, but not included.

# Cash profits or losses from self-employment (including royalties) (PY050N)

#### It includes:

- Net operating profit or loss accruing to working owners of, or partners in, an unincorporated enterprise, less interest on business loans.
- Royalties earned on writing, inventions, and so on not included in the profit/loss of unincorporated enterprises.
- Rentals from business buildings, vehicles, equipment, etc not included in the profit/loss of unincorporated enterprises, after deduction of related costs such as interest on associated loans, repairs and maintenance and insurance charges.

# Value of goods produced for own consumption (PY070N)

The value of goods produced for own consumption refers to the value of food and beverages produced and also consumed within the same household.

The value of goods produced for own consumption are calculated as the market value of goods produced deducting any expenses incurred in the production, not being though counted in total income. The item however has not been included in the data files.

# **Unemployment benefits (PY090N)**

- As unemployment benefits included are:
- Full unemployment allowance
- Partial unemployment allowance
- Early retirement for labour market reasons
- Allowance vocational training for unemployed
- Reimbursement due to dismissal from work
- Seasonal unemployment benefit for persons seasonally working (e.g. actresses, musicians, building workers, hotel staff, etc.)
- Allowance for young persons aged 20-29 years
- Allowance of military service

- Placement, resettlement or rehabilitation benefit
- Any other benefit replacing in whole or in part income lost by a worker due to loss of gainful employment.

# Old-age benefit (PY100N)

# Old age benefit includes:

- Old age pension from public sector
- Supplementary pension from public sector
- Early retirement pension due to resignation
- Care allowance
- Parallel pension from private sector (paid by the employer)
- Lump sum due to retirement
- National resistance pension
- Any other old age benefit providing a replacement income when the aged person retires from the labour marker, or guarantee a certain income when a person has reached a prescribed age.

# Survivors' benefits (PY110N)

#### It includes:

- Old age pension from public sector
- Supplementary pension from public sector
- Parallel pension from private sector (paid by the employer)
- Orphans pension
- Pension of war victims

# Sickness' benefits (PY0120N)

# Included are:

- Paid sick leave
- Benefit for working accidents
- Benefit for spa therapy, airing etc.
- Assistance for movement of sick persons

# **Disability benefits (PY0130N)**

#### Included are:

- Disability pension
- Benefit for persons with special needs
- Care allowance for incapacitated persons
- Care allowance for incapacitated children
- Nutrition allowance for people suffering kidney's disease
- Any other cash benefit

# **Education-related allowances (PY0140N)**

#### It includes:

- Benefit received for participation in research programs
- Scholarships

# Gross monthly earnings from employees (PY0200G)

It refers to the monthly amount in the main job for employees. It includes usual paid overtime, tips, profit share, bonuses. Information on gross monthly earnings for employees has been used only for the calculation of gender pay gap.

#### 3.2.2. Other definitions

# Capacity to face unexpected financial expenses (HS060)

Household members' were asked if they had financial difficulties facing unexpected but necessary expenses, such as the repair or replacement of the refrigerator, the washing machine, the car, etc. As far as the amount of this unexpected expense is concerned, it shouldn't exceed 400€ and should be covered solely from members' savings and not from loans made from relatives, friends or bank.

# 3.2.3. Variables not being collected but imputed

# Company car assessment (PY020)

The benefit for individuals of using a company car for private goals was not directly assessed at the interview but afterwards calculated by applying the depreciation method.

According to doc. EU-SILC 130/04 the main idea of the method was to impute to the employee the amount the recipient would have to pay over the reference period to enjoy the same benefit from the use of own vehicle.

More specifically:

Depreciation = (Purchase prices – selling prices at X) / X,

Where X is the average age of a company car.

To calculate the "purchase price" and the "selling price", the make, the model, the registration year and other characteristics of the car have been used. A list of prices or manufacturer's recommended retail prices have been used for a wide range of new cars. If a specific type of car was not included in the list, the RRP has been available from the manufacturer's website. If a RRP was not available in the country, then it was estimated based on the price of a similar car or the price relative to other cars in the country with the similar pricing structure. The list price included VAT and vehicle registration tax. For calculating the "average age of a company car" an average of 5 has been considered.

# **Housing cost (HH070)**

This term housing cost refers to monthly costs connected with the households right to live in the accommodation. The costs of utilities (water, electricity, gas and heating) resulting from the actual use of the accommodation are also included.

The housing cost in the EU-SILC survey was estimated by a linear model. In detail, the parameters of the linear model were estimated using data from Household Budget Survey

2004/05. The independent variables that were used were: Actual rent paid, utility bills, repairs and other expenses, mandatory services and charges, mortgage interest payments.

The estimated linear model was applied to the data of EU-SILC producing estimates of the housing cost, of similar households.

# 3.2.4. The source or procedure used for the collection of income variables

All income variables were collected by interview

# 3.2.5. The form in which income variables at component level have been obtained.

(e.g. gross, net of taxes on income at source and social contributions, net of tax on income at source, net of social contributions)

Table 40. The form in which income variables at component level have been obtained, %

| Target variable  | Variable<br>name | Unit of measurement | Gross | Net of taxes on<br>income at<br>source and<br>social<br>contributions | Net and gross | Net of taxes<br>on income at<br>source | Net of social contributions | Unknown | How the amount is recorded |
|--|------------------|---------------------|-------|---|---------------|--|-----------------------------|---------|----------------------------|
| Employee Cash or near cash Income in reference period  | PY010            | Individual level    | -     | 73.7  | 26.3          | -                                      | -                           | -       | Net                        |
| Non-Cash Employee income (company car)   | PY020            | Individual level    |       |   | Imputation    | on                                     |                             |         | Net                        |
| Net Cash Income<br>benefits/Losses from<br>self-employment<br>(including profit/loss<br>from unincorporated<br>enterprise, royalties | PY050            | Individual level    | 7.6   | 71.3  | -             | 7.1                                    | 5.2                         | 8.8     | Net                        |
| Property income<br>(Regular pension<br>from Private (non-<br>ESSPROS) schemes))  | PY080            | Individual level    | 12.5  | -   | -             | 25.0                                   | -                           | 62.5    | Net                        |
| Unemployment<br>Benefits   | PY090            | Individual level    | -     | 100.0   | -             | -                                      | -                           | -       | Net                        |
| Old-age benefits   | PY100            | Individual level    | 2.3   | 69.2  | _             | 1.6                                    | 5.5                         | 21.4    | Net                        |

*Table 40– continued.* The form in which income variables at component level have been obtained, %

| Target variable   | Variable<br>name | Unit of measurement | Gross | Net of taxes on income at source and social contributions | Net and gross | Net of taxes on income at source | Net of social contributions | Unknown | How the amount is recorded |
|---|------------------|---------------------|-------|---|---------------|----------------------------------|-----------------------------|---------|----------------------------|
| Survivor's Benefits   | PY110            | Individual level    | 0.2   | 95.9  | -             | 0.2                              | 1.8                         | 2.1     | Net                        |
| Sickness Benefits   | PY120            | Individual level    | -     | 96.4  | -             | -                                | 3.6                         | -       | Net                        |
| Invalidity Benefits   | PY130            | Individual level    | 3.3   | 68.4  | -             | 4.6                              | 4.6                         | 19.1    | Net                        |
| Education-related Allowances  | PY140            | Individual level    | 12.5  | 37.5  | -             | -                                | 12.5                        | 37.5    | Net                        |
| Income from rental of a property or land  | HY040            | Household level     | 12.3  | 53.2  | -             | 2.4                              | 34.1                        | -       | Net                        |
| Family/children related allowances  | HY050            | Household level     | -     | 95.3  | -             | 2.1                              | -                           | 2.6     | Net                        |
| Social exclusion not elsewhere classified   | HY060            | Household level     | -     | 100.0   | -             | -                                | -                           | -       | Net                        |
| Housing allowances  | HY070            | Household level     | -     | 100.0   | -             | -                                | -                           | -       | Net                        |
| Regular inter-<br>household cash<br>transfer received   | HY080            | Household level     | 8.7   | 91.3  | -             | -                                | -                           | -       | Net                        |
| Net interest,<br>dividends, profit from<br>capital investments in<br>unincorporated<br>business | HY090            | Household level     | -     | 100.0   | -             | -                                | -                           | -       | Net                        |
| Income received by people aged under 16   | HY110            | Household level     | -     | 100.0   | -             | -                                | -                           | -       | Net                        |
| Regular inter-<br>household cash<br>transfer paid   | HY130            | Household level     | 26.8  | 73.2  | -             | -                                | -                           | -       | Net                        |

# 3.2.6. The method used for obtaining income target variables in the required form.

Only net amounts are obtained and sent. However, this year (2006) we plan to design a model on net-gross and gross-net conversion of all income variables, also being the target aim of the survey.

# 3.3. Tracing rules

It has been applied the Commission regulation (EC) no 1982/2003 of 21 October 2003 regarding the tracing rules.

#### 4. COHERENCE

Coherence refers to the comparison of target variables and of the number of persons who receive income from each income component, with external sources (both administrative data and data from other surveys) being considered as reliable.

# 4.1. Change between SILC 2005 and SILC 2004 by main income component

• In general, in mean equivalised income of the years 2004 and 2005, there has been an increase (9,5%) observed, which is mainly attributed to the increase of income of self-employed by 14,2%), due to better recording (table 41).

| There is continge between | 51BC 2000 ti |
|---------------------------|--------------|
| Income component          | %            |
| HY020N                    | 8,5          |
| HY022N                    | 8,2          |
| HY023N                    | 8,6          |
| PY010N                    | 8,8          |
| PY050N                    | 14,2         |

Table 41. Change between SILC 2005 and SILC 2004 by main income component

# 4.2. Significant differences in some indicators between EU-SILC 2005 and 2004

Table 42 displays significant differences existing in some indicators of EU-SILC 2005 and EU-SILC 2004. The differences between indicators cannot totally be explained. However, it should be noted that:

- The decrease can be attributed to the decrease of the total poverty indicator.
- Concerning the increase of the at risk poverty indicator in unemployed males, it can be attributed to the 9,6% increase of the unemployment indicator, during the second quarter of years 2003-2004.
- Concerning the increase of the poverty gap in age group 0-15, we consider it is due to the slight difference of the total poverty indicator.
- According to the estimated CV, as they are depicted in the table 42, the variables have no high frequency and as a result the changes from year to year may be due to the sample process.

Table 42. Significant differences in some indicators between SILC 2005 and SILC 2004

| Indicators   |                              | Differences 2004/05                   | CV (%) |
|--|------------------------------|---------------------------------------|--------|
| At-risk-of-poverty rate by   |                              |                                       |        |
| age and gender   | 16-24 /Male                  | (decrease c.10.9% from 23 to 20.5)    | 10,7   |
| At-risk-of-poverty rate by most frequent activity status   | Unemployed/<br>male          |                                       |        |
| and by gender and selected age group (16+)   | merc                         | (increase c.13.8% from 34 to 38.7)    | 9,2    |
| At-risk-of-poverty rate by household type  | Other hh no<br>dep. children | (decrease c.12.7% from<br>15 to 13.1) | 13,8   |
| At-risk-of-poverty rate by accommodation tenure status and by gender and selected age group - Age 0+ | Tenant/total                 | (decrease c.10.5% from 20 to 17.9)    | 10,7   |
| Relative median at-risk-of-<br>poverty gap by gender and<br>selected age group                       | 0-15/total                   | (increase c.18.4% from<br>19 to 22.5) | 12,1   |

# 4.3. Difference in the population of specific type households between EU-SILC 2004 and 2005

The difference in the population of specific type households between EU-SILC 2004 and 2005 is attributed to the weights of 2005 that may have an effect (table 43).

**Table 43.** Population of 2 adults 3+ dependent children

|            | EU SILC 2005 | EU SILC 2004 | %     |
|------------|--------------|--------------|-------|
| Sample     | 990          | 1088         | -9,0  |
| Population | 192812       | 128331       | +50,2 |

# 4.4. Comparison of common indicators from EU-SILC 2004 and HBS 2004

- The **risk-of-poverty indicator** has been calculated from the HBS 2004/2005 data and has been found to be the same as the one of EU-SILC 2005, being approximately 20,0%.
- The **poverty threshold** is  $5649.78 \in$ , while according to the HBS 2004 data it is  $5.430 \in$ .
- Also, **indicator S80/S20** is 5.8, while for the HBS 2004 it has been estimated to 5.9. **Gini indicator** is 33.3 and 33.7, respectively.

We note that for the Household Budget Survey the pre-mentioned indicators have been estimated from consumer expenditure and not from income.

# 4.5. Comparison of income target variables – EU SILC 2004 and 2005

Table 44. Comparison of income target variables – EU SILC 2004 and EU SILC 2005

|   | EU SILC<br>2004<br>(mean) | EU SILC<br>2005<br>(mean) | Sums<br>2004 (in<br>million<br>Euros) | Sums<br>2005 (in<br>million<br>Euros) |
|---|---------------------------|---------------------------|---------------------------------------|---------------------------------------|
| Total disposable household income (HY020)   | 17758.45                  | 19267.85                  | 71015.12                              | 76985.14                              |
| Total disposable household income<br>before social transfers except old-age<br>and survivor's benefits (HY022)    | 17325.78                  | 18740.54                  | 69284.89                              | 74878.25                              |
| Total disposable household income<br>before social transfers including old-<br>age and survivor's benefit (HY023) | 13166.13                  | 14295.98                  | 52650.66                              | 57119.92                              |
| Income from rental of a property or land (HY040N)   | 822.54                    | 889.72                    | 3289.90                               | 3554.91                               |
| Family related allowances (HY050N)  | 92.52                     | 121.24                    | 369.97                                | 484.41                                |
| Social exclusion not elsewhere classified (HY060N)  | 65.57                     | 69.93                     | 262.22                                | 279.39                                |
| Housing allowance (HY070)   | 7.22                      | 11.03                     | 28.86                                 | 44.06                                 |
| Interests, dividends, etc. (HY080N)   | 303.57                    | 357.16                    | 1213.94                               | 1427.05                               |
| Interests, dividends, etc. (HY090N)   | 26.60                     | 40.65                     | 106.34                                | 162.41                                |
| Income received by people aged < 16 (HY110)   | 0.62                      | 0.98                      | 2.48                                  | 3.93                                  |
| Taxes on wealth (HY120N)  |                           | 4.66                      |                                       | 18.62                                 |
| Regular inter-household cash transfer paid (HY130)  | 468.38                    | 481.43                    | 1873.02                               | 1923.57                               |
| Net income components at personal level   |                           |                           |                                       |                                       |
| Employee cash or near cash income (PY010N)  | 3872.65                   | 4212.87                   | 34591.03                              | 37772.18                              |
| PY020N  | 5.16                      | 9.87                      | 46.06                                 | 88.47                                 |
| Cash benefits or losses from self-<br>employment (PY050N)   | 1834.37                   | 2094.20                   | 16384.81                              | 18776.88                              |
| Pension from individual private plans (PY080N)  | 2.47                      | 4.86                      | 22.07                                 | 43.62                                 |
| Unemployment benefits (PY090N)  | 48.18                     | 50.91                     | 430.34                                | 456.49                                |
| Old age benefits (PY100N)   | 1578.73                   | 1690.17                   | 14101.41                              | 15154.34                              |
| Survivor' benefits (PY110N)   | 284.73                    | 295.76                    | 2543.25                               | 2651.85                               |
| Sickness benefits (PY120N)  | 8.91                      | 9.42                      | 79.59                                 | 84.42                                 |
| Disability benefits (PY130N)  | 56.44                     | 76.18                     | 504.09                                | 683.02                                |
| Education-related allowances (PY140N)   | 6.18                      | 9.54                      | 55.23                                 | 85.52                                 |
| Gross monthly earnings for employees (PY200G)   | 1146.98                   | 1188.21                   | 3134.90                               | 3354.46                               |

**Table 45.** Comparison of the total disposable household income, EU-SILC 2004 and EU-SILC 2004

| Total disposable household income |               |             |
|-----------------------------------|---------------|-------------|
|                                   | EU- SILC 2005 | EU SILC2004 |
| Number of households              | 3995523       | 3998947     |
| Mean                              | 10935.66      | 10007.29    |
| Standard deviation                | 7696.10       | 7297.48     |
| 10%                               | 2598.94       | 1885.15     |
| 20%                               | 4868.15       | 4524.38     |
| 30%                               | 6255.42       | 5738.17     |
| 40%                               | 7457.24       | 6810.38     |
| 50%                               | 8573.47       | 7957.60     |
| 60%                               | 9911.44       | 9272.24     |
| 70%                               | 11537.77      | 10822.27    |
| 80%                               | 13709.78      | 12839.16    |
| 90%                               | 16803.61      | 15613.53    |
| 100%                              | 27676.34      | 24611.96    |

# 4.6. Comparison of income target variables and number of persons who receive income from each "income component", with external sources

**Table 46.** Comparison of income target variables and number of persons who receive income from each "income component", with external sources

| Income component   | Number of persons who receive from income component in survey data | Number of persons who receive from income component in administrative data | Notes  |
|--|--|--|--|
| Employee cash or<br>near cash Income in<br>reference period  | 3092817  | 3.044.480  | The small difference can be attributed either to farmers working with salaries/wages or to persons also working part time in secondary jobs and do not declare their income or to illegal immigrants |
| Non-cash Employee income (company car)   | 49607  | 27405 (HBS 2004/005)   |  |
| Net Cash Income<br>benefits/Losses from<br>self-employment<br>(including profit/loss<br>from unincorporated<br>enterprise, royalties | 1443189  | 1418474  |  |

**Table 46– continued.** Comparison of income target variables and number of persons who receive income from each "income component', with external sources

| Income component   | Number of<br>households that<br>receive from income<br>component in survey<br>data | Number of households that receive from income component in administrative data | Notes  |
|--|--|--|--|
|  |  |  | According to   |
| Property income<br>((Regular pension from<br>Private (non-<br>ESSPROS) schemes)) | 6493   | 1218 (HBS 2004)  | information from private insurance companies the number is estimated to approximately 1200 persons.  |
| TT 1   |  | 269242 (HBS 2004),   | The administrative   |
| Unemployment<br>Benefits   | 232.823  | 300823   | data are considered  |
| Deficitis  |  | (administrative data)  | as more reliable   |
| Old-age benefits   | 1877216  |  | The amounts are  |
| Survivor's Benefits  | 398609   |  | comparable as in   |
| Invalidity Benefits  | 131291   | 1465741* (Administrative data from tax returns)                                | the survey included are also benefits except for pensions and also there are pensioners – farmers, invalidated, etc. not being obligated to make tax return. |
| Sickness Benefits  | 41749  | 28014 (HBS 2004)   | As also pre-<br>mentioned<br>sickness benefits<br>are in a large<br>percentage<br>included in<br>employees'<br>income.                                       |
| Education-related<br>Allowances  | 14855  | 23142 (HBS 2004)   |  |

**Table 46– continued.** Comparison of income target variables and number of persons who receive income from each "income component', with external sources.

| Income component   | Number of households<br>that receive from<br>income component in<br>survey data | Number of households<br>that receive from<br>income component in<br>administrative data | Notes  |
|--|---|---|--|
| Income from rental of a property or land   | 650103  | 663004 (Administrative data from tax returns)   |  |
| Family/children related allowances   | 372981  | 341478 (administrative data)  |  |
| Social exclusion<br>not elsewhere<br>classified  | 193528  | 264634 (administrative data)*   | The difference is attributed to the fact that many social exclusion benefits concern fringe groups, not being easily declared in the survey. |
| Housing allowances   | 33976   | 50000 (administrative data)*  | The administrative data are considered as more reliable.   |
| Net interest,<br>dividends, profit<br>from capital<br>investments in<br>unincorporated<br>business | 104612  | 48111 (HBS 2004)  | No administrative<br>data available  |
| Income received by people aged under 16  | 1044  | No data available   | No administrative data available   |
| Regular taxes on wealth  | 27209   | 38000 (administrative data)   |  |
| Regular inter-<br>household cash<br>transfer paid  | 352746  | 380625 (HBS<br>2004/2005)   |  |
| Regular inter-<br>household cash<br>transfer received  | 361012  | 341478 (HBS<br>2004/2005)   |  |

**Table 47.** Comparison of income target variables and number of households and persons who receive income from each "income component', EU – SILC 2004 and EU – SILC 2004.

| SILC 2004.  |   |  |
|---|---|--|
| Income component  | Number of persons who receive from income component in survey data  | receive from income  |
|   | EU- SILC 2005   | EU- SILC 2004  |
| Employee cash or near cash Income in reference period   | 3092817   | 2414718  |
| Non-cash Employee income (company car)  | 49607   | 27448  |
| Net Cash Income<br>benefits/Losses from self-<br>employment (including<br>profit/loss from<br>unincorporated enterprise,<br>royalties | 1443189   | 1479365  |
| Income component  | Number of persons that receive from income component in survey data | Number of households that receive from income component in administrative data |
| Property income<br>((Regular pension from<br>Private (non-ESSPROS)<br>schemes))   | 6930  | 4817   |
| Unemployment Benefits   | 232823  | 222703   |
| Old-age benefits  | 1877216   | 1891114  |
| Survivor's Benefits   | 398609  | 408853   |
| Invalidity Benefits   | 131291  | 108319   |
| Sickness Benefits   | 41749   | 35610  |
| Education-related<br>Allowances   | 14855   | 11002  |

**Table 47 continued.** Comparison of income target variables and number of households and persons who receive income from each "income component', EU – SILC 2004 and EU – SILC 2004.

| Income component   | Number of households<br>that receive from<br>income component in<br>survey data | Number of households that receive from income component in administrative data |
|--|---|--|
| Income from rental of a property or land   | 650103  | 685515   |
| Family/children related allowances   | 372981  | 353860   |
| Social exclusion not elsewhere classified  | 193528  | 206601   |
| Housing allowances   | 33976   | 26136  |
| Net interest, dividends,<br>profit from capital<br>investments in<br>unincorporated business | 104612  | 93042  |
| Income received by people aged under 16  | 1044  | 1926   |
| Regular taxes on wealth  | 27209   |  |
| Regular inter- household cash transfer paid  | 352746  | 399000   |
| Regular inter- household cash transfer received  | 361012  | 330250   |

#### Mean equivalized income

The annual mean equivalized income of 2004 was calculated in the survey in 10.185,69 euro and from the Bank of Greece the respective amount (not including rural areas) was found to be 11.527,77 euro.

#### • Family allowances

We made comparisons for household family allowances, with administrative data and we found out that only the 80 % of them has been recorded (note that in previous year the 75% of it had been recorded). As far as the pension for mothers having more than 3 children is concerned it has been recorded accurately (Table 48).

**Table 48.** Comparison of number of persons who receive income from family allowances with external sources

| Family allowances                                | Number of persons that received the family allowances in survey data | Number of persons received the family allowances in administrative data |
|--|--|---|
| Pensions for mothers having more than 3 children | 180453   | 196116  |

### • Unemployment benefit

Comparisons have been made for unemployment benefits with administrative data, and they were found to be accurately recorded.

#### • Social solidarity for pensioners

As far as the social solidarity benefit for pensioners is concerned, according to administrative data 223.000 persons received it in 2004, while from the survey the relative number is 206.601 persons.

#### ESPROSS

In general, deviations from ESPROSS's data are accepted and are attributed to the fact that ESPROSS's data are from administrative data while the other are from a sample of households

#### 4.5. Comparison of other quality target variables

Below are presented tables proving that the most quality target variables are in coherence with variables collected from other surveys (LFS  $-2^{nd}$  quarter of 2005, HBS 2004/05) making thus the survey robust.

**Table 49.** Variable PL030: "Self-defined current activity status" %

| HBS 2004-2005 | EU-SILC 2005 | LFS 2005             |
|---------------|--------------|----------------------|
| 44.1          | 43.7         | 47.6                 |
| 4.1           | 5.7          | 5.6                  |
| 51.8          | 50.6         | 46.8                 |
|               | 44.1         | 44.1 43.7<br>4.1 5.7 |

**Table 50.** Variable PL060: "Number of hours usually worked per week in main job" %

| Variable PL060                                      | EU-SILC 2005 | HBS 2004/05 | LFS 2005 |
|---|--------------|-------------|----------|
| Number of hours usually worked per week in main job | 42           | 42,2        | 43,2     |

**Table 51.** Variable PL130: "Number of persons working in the local unit" %

| Variable PL130: Number of persons working in the local unit | EU-SILC 2005 | LFS 2005 |
|---|--------------|----------|
| 1-10 persons  | 60.6         | 57.2     |
| 11-19 persons   | 12.0         | 10.8     |
| 20-49 persons   | 9.2          | 7.3      |
| 50 persons or more  | 13.5         | 10.8     |
| Don't know but fewer that 11 persons                        | 1.3          | 5.9      |
| Don't know but more than 10 persons                         | 3.3          | 8.0      |

Table 52. PL040: "Status in employment"

| PL040 : "Status in employment   | HBS 2004-2005 | EU-SILC 2005 | LFS 2005 |
|---------------------------------|---------------|--------------|----------|
| Self employed with employees    | 6.1           | 5.0          | 8.0      |
| Self employed without employees | 22.0          | 23.7         | 22.1     |
| Employee                        | 67.1          | 63.3         | 63.6     |
| Family worker                   | 4.8           | 7.9          | 6.3      |

*Table 53.* PE040: "Highest ISCED level attained" %

| PE040: "Highest ISCED level attained" | EU-SILC 2005 | LFS 2005 |
|---------------------------------------|--------------|----------|
| Never attended any level of education | 2.8          | 2.9      |
| Primary education                     | 35.0         | 34.3     |
| Lower secondary education             | 12.3         | 12.7     |
| Upper secondary education             | 29.1         | 28.8     |
| Post secondary non tertiary education | 4.4          | 5.8      |
| First stage of tertiary education     | 16.0         | 15.4     |
| Second stage of tertiary education    | 0.4          | 0.3      |

Table 54. PL050: 'Occupation'

| PL050: 'Occupation'  | HBS 2004-2005 | EU-SILC 2005 | LFS 2005 |
|--|---------------|--------------|----------|
| Legislators and senior officials-Corporate managers  | 7.1           | 9.0          | 10.3     |
| Physical, mathematical, engineering science and other professionals  | 11.4          | 14.7         | 13.9     |
| Physical, engineering science associate professionals and other associate professionals  | 5.4           | 8.8          | 7.8      |
| Office clerks and customer services clerks   | 14.7          | 11.2         | 11.4     |
| Personal and protective services workers, models, salespersons and demonstrators miscellaneous   | 19.2          | 13.3         | 14.0     |
| Skilled agricultural and fishery workers   | 11.0          | 12.4         | 12.0     |
| Extraction and building trades workers, other craft and related trades workers. Metal machinery and related trades workers. Precision, handicraft, printing and related trades workers | 15.7          | 16.0         | 15.3     |
| Stationary-plant and related operators,<br>drivers and mobile plant operators,<br>machine operators and assemblers   | 6.0           | 7.0          | 7.4      |
| Sales and services elementary occupations, agricultural, fishery and related labourers in mining, construction, manufacturing and transport  | 8.4           | 6.8          | 6.5      |
| Armed forces   | 1.1           | 0.9          | 1.4      |

Table 55. PL110: "Economic activity"

%

| PL110: "Economic activity"                              | HBS 2004-2005 | EU-SILC 2005 | LFS 2005 |
|---|---------------|--------------|----------|
| Agriculture, hunting, and forestry                      | 11.1          | 12,2         | 12.1     |
| Fishing   | 0.3           | 0.3          | 0.3      |
| Mining and quarrying                                    | 0.3           | 0.3          | 0.4      |
| Manufacturing industry                                  | 11.5          | 11.9         | 12.8     |
| Electricity, gas and water supply                       | 1.2           | 1.0          | 0.9      |
| Construction  | 9.4           | 7.8          | 8.4      |
| Wholesale and retail trade                              | 18.4          | 19.2         | 17.9     |
| Hotels and restaurants                                  | 6.2           | 6.8          | 6.9      |
| Transport, storage and communication                    | 7.1           | 5.9          | 6.1      |
| Financial intermediation                                | 2.7           | 2.5          | 2.6      |
| Real estate   | 5.5           | 6.1          | 6.6      |
| Public administration                                   | 9.1           | 9.1          | 7.8      |
| Education   | 6.1           | 6.8          | 7.1      |
| Health and social work                                  | 4.5           | 4.9          | 5.0      |
| Other community, social and personal service activities | 3.7           | 3.4          | 3.5      |
| Private households with employed persons                | 2.7           | 1.5          | 1.5      |
| Extra-territorial organizations and bodies              | 0.2           | 0.1          | 0.1      |

%

| Households type                 | HBS 2004-2005 | EU-SILC 2005 | LFS 2005 |
|---------------------------------|---------------|--------------|----------|
| One person household            | 20.3          | 19.8         | 25.0     |
| Two persons household           | 31.9          | 28.2         | 30.0     |
| Three persons household         | 20.9          | 21.1         | 19.7     |
| Four persons household          | 19.4          | 28.8         | 19.0     |
| Five persons household          | 5.3           | 1.8          | 4.5      |
| More than six persons household | 2,2           | 0,5          | 1,8      |

Table 57. HH020: "Tenure status"

0/0

| Tenure status | HBS 2004 -2005 | EU-SILC 2005 |
|---------------|----------------|--------------|
| Owner         | 80.0           | 81.1         |
| Tenant        | 20.0           | 18.9         |

Table 58. HH080: "Bath or shower in dwelling"

%

| Bath or shower in dwelling | HBS 2004 -2005 | EU-SILC 2005 |
|----------------------------|----------------|--------------|
| Yes                        | 98.2           | 97.9         |
| No                         | 1.8            | 2.1          |

**Table 59.** HH090: "Indoor flushing toilet for sole use of household"

%

| Indoor flushing toilet for sole use of household | HBS 2004 -2005 | EU-SILC 2005 |
|--|----------------|--------------|
| Yes  | 94.8           | 95.9         |
| No   | 5.2            | 4.1          |

Table 60. HH0190: "Dwelling type"

%

| Dwelling type                    | HBS 2004 -2005 | EU-SILC 2005 |
|----------------------------------|----------------|--------------|
| Detached house                   | 32.7           | 35.4         |
| Semidetached house               | 10.8           | 9.3          |
| Apartment or flat                | 56.0           | 55.1         |
| Some other kind of accommodation | 0.5            | 0.2          |

**Table 61.** "Non monetary household deprivation"

%

| Non monetary household deprivation | HBS 2004 -2005 | EU-SILC 2005 |
|------------------------------------|----------------|--------------|
| Telephone                          | 0.5            | 0.5          |
| Colour TV                          | 1.3            | 0.6          |
| Computer                           | 19.0           | 16.2         |
| Washing machine                    | 6.7            | 3.3          |
| Car                                | 15.0           | 11.5         |

**Table 62.** Variable PL015: "Have you ever worked" (for persons not working but having worked in the past)

%

| Variable PL015: Have you ever worked | EU-SILC 2005 | LFS 2005 |
|--------------------------------------|--------------|----------|
| Yes                                  | 63.1         | 52.,8    |
| Yes<br>No                            | 36,9         | 47.2     |

The number of persons not working at present, but having worked in the past, estimated from the Labour Force Survey is considered as more accurate, than the one of the EU-SILC since the coefficient of variation of the specific characteristic from the EU-SILC is 1,3 while the one from the LFS is 0,7.

**Table 63.** Variable PL120: "Reason for working less than 30 hours per week"

%

| Variable PL120  | EU-SILC 2005 | LFS 2005 |
|---|--------------|----------|
| Number of persons working less than 30 hours per week | 11.1         | 14.6     |

We consider EU-SILC data more qualitative, as the LFS surveys, in the past 3 years, show that the percentage of persons working less than 30 hours per week remains stable. Also, the LFS shows very low percentages of persons working in part time jobs, in retail commerce, hotels, and restaurants and in education, while, by inference it is accepted that the percentages are higher.

## Table 64. Variable PL140: "Type of contract"

As far as the percentage of persons in permanent work is concerned the one calculated from the LFS is considered as more accurate, since the coefficient of variation of it is 0,4 while that of SILC 1,3.

%

| Variable PL140 : Type of contract                 | EU-SILC 2005 | LFS 2005 |
|---|--------------|----------|
| Permanent job/work contract of unlimited duration | 80.1         | 88,0     |
| Temporary job/work contract of limited duration   | 19.9         | 12.0     |

Variable PL150: "Managerial position"

Since this is a rare characteristic in both surveys (EU-SILC and ECHP) the estimation is not accurate.

**Table 65.** Comparison of labour participation %.

|             |       | Total   |       | Male    |       | Female  |
|-------------|-------|---------|-------|---------|-------|---------|
|             | LFS   | EU SILC | LFS   | EU SILC | LFS   | EU SILC |
| 15-19 years | 10.5  | 12.9    | 12.4  | 12.8    | 8.6   | 13.0    |
| 20-24 years | 53.4  | 57.9    | 57.8  | 61.9    | 49.1  | 54.0    |
| 20-29 years | 84.3  | 85.0    | 91.6  | 90.6    | 76.6  | 79.2    |
| 30-34 years | 86.0  | 85.3    | 97.2  | 95.8    | 74.3  | 74.2    |
| 35-39 years | 85.4  | 86.7    | 97.7  | 98.9    | 73.3  | 74.5    |
| 40-44 years | 83.8  | 82.6    | 96.1  | 97.5    | 71.0  | 68.0    |
| 45-49 years | 78.3  | 78.6    | 95.3  | 95.9    | 61.7  | 61.7    |
| 50-54 years | 70.0  | 67.4    | 89.6  | 87.5    | 50.8  | 47.9    |
| 55-59 years | 52.9  | 50.8    | 73.2  | 69.5    | 32.8  | 33.8    |
| 60-64 years | 31.7  | 30.9    | 44.9  | 43.7    | 20.6  | 19.3    |
| 65 years +  | 4.2   | 4.1     | 6.9   | 6.3     | 1.9   | 2.3     |
| Total       | 100.0 | 100.0   | 100.0 | 100.0   | 100.0 | 100.0   |

#### **5. CONCLUSIONS**

Concluding, the EU-SILC project gave qualitative data, in coherence with data from administrative sources, where these data were available. The small deviations existing in specific income variables showed that in the years to come extra efforts should be made to collect social benefits more accurately.

As far as self-employment income and interest, dividends, profits from capital investments in unincorporated business, are concerned, that there exists a general problem in the reliable data.

The National Statistical Service of Greece will keep on collecting qualitative data and producing the social structural indicators being absolutely necessary for policy making both at national and European level.

#### **REFERENCES**

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- ➤ Quality evaluation criteria and content of the intermediate and final quality report of EU-SILC instrument, Commission regulation (EC) No 28/2004.
- ➤ Updated definitions of EU-SILC instrument, Commission regulation (EC) No 1980/2003
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- ➤ **Description of target variables,** doc EU-SILC 65/04, , European Commission, Eurostat, Directorate E: Social and regional statistics and geographical information system, Unit E-2: Living conditions, 2004
- ➤ Common Cross-sectional EU indicators based on EU-SilC; the gender pay gap, doc EU-SILC 131-rev/04, Working Group on Statistics on Income and Living Conditions 29-30 March 2004, Eurostat, Luxembourg

## **ANNEX 1: Intergenerational transmission of poverty**

For the year 2005, pursuant to Article 15(2)(f) of Regulation (EC) No 1177/ 2003 implementing measures are necessary concerning the list of target secondary areas and variables that shall be included every year in the cross-sectional component of EU-SILC, the first the module is referred to 'Intergenerational transmission of poverty' (particularly on parental education and occupation background and on childhood family environment as key domains of influence on adult social exclusion impacting on poverty risk during adulthood)

#### • Unit

Information shall be provided for all current household members or if applicable for all selected respondents, aged over 24 and under 66.

#### • Mode of data collection

Owing to the characteristics of the information to be collected, only personal interviews (proxy interviews as an

exception for persons temporarily away or incapacitated) or information extracted from registers are allowed.

#### • Reference period

The reference period shall be when the interviewee was a young teenager, between the ages of 12 and 16. If the

respondent hesitates or asks for a specific age, the age 14 should be used.

#### Definitions

- (a) Father: the male person the interviewee considered to be his/her father when the interviewee was a young teenager.
- (b) Mother: the female person the interviewee considered to be his/her mother when the interviewee was a young teenager.
- (c) Siblings: brothers and sisters who lived in the same household as the interviewee, when the interviewee was a young teenager.
- (d) Main: (in main family composition, main number of siblings, main activity status and main occupation) refers to the situation that lasted for the longest time when the interviewee was a young teenager. If uncertain which situation lasted for the longest time, the situation which made the most impression.

Distribution of variables is presented in tables 66-72, below:

*Table 66. Number of persons that filled the questionnaire* 

| Age   | N     |
|-------|-------|
| 16+   | 12381 |
| 25-65 | 7870  |

**Table 67.** Main family composition

| <i>y y</i> 1                                       |      |
|--|------|
| Main family composition                            | %    |
| Lived with both parents                            | 93.7 |
| Lived with single mother                           | 4.7  |
| Lived with single father                           | 0.9  |
| Lived with mother and mother's new partner/husband | 0.1  |
| Lived with mother and father's new partner/wife    | 0.1  |
| Lived in private household, foster home            | 0.4  |
| Lived in collective household or institution       | 0.1  |
| ·  |      |

**Table 68.** Main number of siblings

| Main number of siblings | %    |
|-------------------------|------|
| 0                       | 6.3  |
| 1                       | 33.0 |
| 2                       | 28.5 |
| 2<br>3<br>4<br>5<br>6   | 15.2 |
| 4                       | 7.7  |
| 5                       | 4.0  |
| 6                       | 2.6  |
| 7                       | 1.4  |
| 8 9                     | 0.8  |
| 9                       | 0.6  |

Table 69. Highest ISCED level attained by parents

| Highest ISCED level attained   | Highest ISCED level attained by father | Highest ISCED level attained by mother |
|--|--|--|
| Less than primary education  | 28.6                                   | 35.3                                   |
| Primary education  | 46.4                                   | 45.9                                   |
| Lower secondary education  | 9.7                                    | 7.8                                    |
| Upper secondary education  | 6.1                                    | 5.3                                    |
| Post secondary non tertiary education  | 2.4                                    | 2.3                                    |
| First stage of tertiary education (not leading directly to an advanced research qualification) | 6.3                                    | 3.3                                    |
| Second Stage of tertiary]education   |  |  |
| (leading to an advanced research qualification)  | 0.3                                    | 0.1_                                   |

**Table 70.** Main activity status by parents  $\frac{9}{2}$ 

| Main activity status   | Main activity status by father | Main activity status by mother |
|------------------------|--------------------------------|--------------------------------|
| Employee               | 39.1                           | 15.9                           |
| Self employed          | 59.6                           | 13.6                           |
| Unpaid family worker   | 0.1                            | 21.5                           |
| Unemployed             | 0.2                            | 0.1                            |
| Retired, early retired | 0.7                            | 0.7                            |
| Full time housework    | -                              | 47.8                           |
| Other                  | 0.2                            | 0.5                            |

**Table 71.** Parents never had a job

|                         | Father | Mother |
|-------------------------|--------|--------|
| Parents never had a job | 5.8    | 50.0   |

**Table 72.** Main occupation by parents

|  | Father | Mother |
|--|--------|--------|
| Legislators and senior officials-Corporate managers  | 9.9    | 3.0    |
| Physical, mathematical, engineering science and other professionals  | 4.6    | 4.5    |
| Physical, engineering science associate professionals and other associate professionals  | 26     | 1.9    |
| Office clerks and customer services clerks   | 5.3    | 5.1    |
| Personal and protective services workers, models, salespersons and demonstrators miscellaneous   | 4.8    | 5.3    |
| Skilled agricultural and fishery workers   | 38.9   | 60.1   |
| Extraction and building trades workers, other craft and related trades workers. Metal machinery and related trades workers. Precision, handicraft, printing and related trades workers | 17.4   | 6.8    |
| Stationary-plant and related operators, drivers and mobile plant operators, machine operators and assemblers   | 6.8    | 0.7    |
| Sales and services elementary occupations, agricultural, fishery and related labourers in mining, construction, manufacturing and transport  | 8.6    | 12.5   |
| Armed forces   | 1.1    | 0.1    |

ANNEX 2. QUESTIONNAIRES

# **QUEST.1 CONFIDENTIAL** NATIONAL STATISTICAL SERVICE **OF GREECE GENERAL DIVISION OF STATISTICS** HOUSEHOLD I.D: | | | | | | | | | | **DIVISION OF POPULATION AND** LABOR MARKET STATISTICS UNIT OF HOUSEHOLD SURVEYS **INTERVIEWER:** TEL: 210 485 2174- 210 485 2896 FAX: 210 485 2906 E-MAIL: geodouro@statistics.gr mchalk@statistics.gr **SURVEY ON INCOME** AND LIVING CONDITIONS 2005 Name/surname of person responsible Address Post code

The survey is being conducted in a sample of households having been randomly designed by the NSSG. The supply of data is OBLIGATORY and the answers in the questions are CONFIDENTIAL (L.3267/56 and L.2392/96).

Pireaus, 2005

**Telephone** 

#### A. LOCALIZATION OF HOUSEHOLD

# Household status from previous wave

| <ul> <li>Household at the same address as last in<br/>(At least one sample person resides in the</li> </ul>  |         |                       |   |
|--|---------|-----------------------|---|
| • Entire household moved to a private ho (No sample person resides in the same contact with household in the new additional state of the contact with household in the new additional state of the contact with household in the new additional state of the contact with household in the new additional state of the contact with household in the new additional state of the contact with household moved to a private household moved to a private household in the same contact with household in the new additional state of the contact with the new additional state of the contact with the cont | address | as last interview and | _ 2→Complete the new address                              |
| NEW ADDRESS  |         |                       |   |
| Household ID   |         |                       |   |
| Name/surname of responsible person   | :       |                       |   |
| Prefecture   | :       |                       |   |
| Municipality/ commune  | :       |                       |   |
| Address  | :       |                       |   |
| Telephone  | :       |                       |   |
| FOR THE INTERVIEWER:   |         |                       |   |
| a. The household will be interviewed at its  | new add | ress from me          | $\ldots$   $\square$   $\rightarrow$ Continue with B1 & C |
| b. The household will be interviewed at its interviewer  |         |                       | <u>                                     </u>              |
|  |         |                       | End of survey for the specific interviewer                |

#### Household no longer in scope

| •         | Entire household moved to a collective household or institution in the country  |
|-----------|---|
| •         | Household moved outside the country   |
| •         | Entire Household died   |
| •         | Household does not contain sample person  |
| •         | Household moved in a private household, within the country, and address Is non - contacted (unable to access, lost – no information on what happened to the household   |
| <u>Ne</u> | ew household  |
| •         | Split-off household $ _{ }8 \rightarrow Continue \ with \ B \ \& \ Continue \ W \ \ Continue \ with \ B \ \& \ Continue \ W \ \ Continue \ W \ \ \ Continue \ W \ \ \ Continue \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ |
| •         | New address added to the sample this wave   |
| <u>Fu</u> | <u>usion</u>  |
|           | The household has been constituted from the fusion of other households    10→End of survey  |

#### **B. LOCALIZATION OF DWELLING**

**FOR THE INTERVIEWER:** With the information, disposable in the list of the households to be surveyed – address (locality/street/number) and the name of the responsible person the interviewer will try to locate the dwelling and then answer the following questions.

| B1. | Address contacted:   |
|-----|--|
| •   | The dwelling in the particular address was located and the contact with the household who lives in, is possible  |
|     | The answer is irrespective of the result the contact with the household may have (if the household refuses to co-operate, if is temporarily away or if is unable to respond due to illness etc.).  As household for interview will be considered: For households being interviewed for the first time (rotation 6) the household residing in the dwelling, independently if the respondent's name differs from the one written on the list. For households having been interviewed last time that specific household. For split-off households the household being constituted from the member/s that moved. |
| B2  | . Address non – contacted due to:  |
| •   | Address cannot be located.  _ _ 21   |
| •   | Unable to access address due to flood, snow, etc.  _ _ 22   End of survey  |
| •   | The building has been demolished, the specific place is professionally used (office, store, etc.), secondary residence, unoccupied (e.g. due to death or repair)   |
|     | C. HOUSEHOLD QUESTIONNAIRE RESULT  |
| F   | OR THE INTERVIEWER: Please note if the household questionnaire was completed.  |
| >   | Household questionnaire completed  |
| >   | Household refused to co-operate  |
| >   | Entire household temporarily away for duration of fieldwork  |
| >   | Household unable to respond (illness, incapacity etc.)   |
| >   | Other reasons (all of the household members do not speak the Greek language, all of them are illiterate, no eligible member in the household, etc.)  |

| NATIONAL STATISTICAL SERVICE OF GREECE   | QUEST 2         | CONFIDENTIAL |
|--|-----------------|--------------|
| GENERAL DIVISION OF STATISTICS   |                 |              |
| DIVISION OF POPULATION AND LABOR   |                 |              |
| MARKET STATISTICS  | HOUSEHOLD I.D : |              |
| UNIT OF HOUSEHOLD SURVEYS  | NAME/SURNAME    |              |
| TEL: 210 4852174- 210 4852896  FAX: 210 4852906  E-MAIL: geodouro@statistics.gr mchalk@statistics.gr | INTERVIEWER:    |              |

# SURVEY ON INCOME AND LIVING CONDITIONS 2005

MEMBERS' ROSTER

The survey is being conducted in a sample of households having been randomly designed by the NSSG. The supply of data is OBLIGATORY and the answers in the questions are CONFIDENTIAL (L.3267/56 and L.2392/96).

Piraeus, 2005

# A. BASIC CHARACTERISTICS AND CURRENT MEMBERSHIP STATUS

| (0) | (1)              | (2)  | (3)     | (4                | 1)   | (5)                                      | (6)  | (7)   | 3)                         | 3)   | (9                                      | )             | (10                                | ))   | (11)                             |
|-----|------------------|------|---------|-------------------|------|--|--|---|----------------------------|--|---|---------------|------------------------------------|------|----------------------------------|
|     | Person<br>number | Name | Surname | Date of birth Sex |      | sample household 3.Moved in from another | For members that moved out 1. To another private household within the country** 2. To collective household or institution of | For members that moved out or died  |                            | For members that<br>moved out or died<br>or resided in the<br>household for at<br>least 3 months |   |               |                                    |      |                                  |
|     |                  |      |         | Month             | Year | Male=1<br>Female=2                       | 4. Newborn 5. Moved out 6. Died 7. Lived in the household for at least 3 months*   | household 4. Newborn 5. Moved out 6. Died Lived in the household for at least 3 months*  institution of the country 3. To another country 4. To unknown (non traceable) address | Month of<br>movement/death | Year of movement/<br>death   | Number of months spent in the household | Main activity | Month at which the person moved in | Year | Residential sta<br>2: Temporaril |
| 01  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 02  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 03  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 04  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 05  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 06  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 07  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 08  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 09  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      |                                  |
| 10  |                  |      |         |                   |      |  |  |   |                            |  |   |               |                                    |      | _                                |

| (12)                 | (13)   | (14)  | (15)  | (16)                                | (17)               | (18)              | (19)  | (20)                               |   |
|----------------------|--|---|---|-------------------------------------|--------------------|-------------------|---|------------------------------------|---|
| Main activity status | Member's father s/n -2: If the father is not member of the household | Member's<br>mother s/n.<br>number<br>2: If the<br>mother is not<br>member of the<br>household | Member's<br>spouse/partner s/n.<br>-2: If there is no<br>spouse/partner or is<br>not member of the<br>household | 16 years<br>and older<br>1:Yes 2:No | Interview's result | Type of interview | S/n of the person<br>who filled in the<br>individual<br>questionnaire | Less than 12 years old 1:Yes 2: No | COLUMN 17:PERSONA 11. Personal Questions 21. Personal questions incapacity 22. The self-completed 23. Member refused to 31. Member is tempora cannot be filled in I 32. Contact not made f 33. Interview not comp |
|                      |  |   |   |                                     |                    |                   |   |                                    |   |
|                      |  |   |   |                                     |                    |                   |   |                                    | COLUMNS 9 AND 12:   |
|                      |  |   |   |                                     |                    |                   |   |                                    | 2. Unemployed<br>3. Retired   |
|                      |  |   |   |                                     |                    |                   |   |                                    | 4. Other inactive (stude  |
|                      |  |   |   |                                     |                    |                   |   |                                    |   |
|                      |  |   |   |                                     |                    |                   |   |                                    | j   |

#### **COLUMN 18: TYPE OF INTERVIEW**

- 1. Questionnaire completed (PAPI)
- 2. Questionnaire completed (CAPI)
- 3. Questionnaire completed (CATI)
- 4. Self-administered by respondent
- 5. Proxy interview

**COLUMN 19:** Completed only if column 18 has value 5

#### IAL INTERVIEW RESULT

- nnaire completed
- nnaire not completed due to illness or
- ed questionnaires weren't given back
- to co-operate
- rarily absent and the questionnaire by proxy
- for other reasons
- pleted for unknown reasons

dent, in military service, housewife, etc.)

#### **B. CHILD CARE FOR CHILDREN UP TO 12 YEARS OLD**

FOR THE INTERVIEWER: The following questions concern children born after 1992. The rest members of the household will not be registered.

| (0) | (1)        | (2)   | (3)   | (4)   | (5)   | (6)   | (7)  |
|-----|------------|---|---|---|---|---|--|
| S/N | s/n member | Number of hours per<br>week in programs<br>concerning pre-school<br>education | Number of hours per<br>week in programs<br>concerning obligatory<br>education | Number of hours per<br>week in programs<br>concerning child care<br>inside school | Number of hours per<br>week concerning child<br>care outside school<br>(baby parking) | Number of hours per<br>week concerning child<br>care by child-minders | Number of hours<br>per week<br>concerning child<br>care by relatives<br>or other persons |
| 01  |            |   |   |   |   |   |  |
| 02  |            |   |   |   |   |   |  |
| 03  |            |   |   |   |   |   |  |
| 04  |            |   |   |   |   |   |  |
| 05  |            |   |   |   |   |   |  |
| 06  |            |   |   |   |   |   |  |
| 07  |            |   |   |   |   |   |  |
| 08  |            |   |   |   |   |   |  |
| 09  |            |   |   |   |   |   |  |
| 10  |            |   |   |   |   |   |  |

COLUMN 2: As pre-school education programs are considered kindergarten and crèche.

**COLUMN 3:** As obligatory education program is considered the demotiko and gymnasium.

**COLUMN 4:** As child care program inside school is considered child care, in the morning, usually from 7a.m. until lessons start and until 4p.m.The particular program does not exist in all schools. Included are private and public schools.

COLUMN 5: As child care program outside school is considered child care at day-care center

**COLUMN 6:** Concerning child care by a professional child minder at child's minder home or at child's home.

**COLUMN 7:** Concerning child care by grand-parents, others household members outside parents, other relatives, friends or neighbors.

| C. MEMBER'S TRACING SHEET  |
|--|
| New address for split-off households   |
| MEMBER'S ID  |
| NAME / SURNAME OF RESPONSIBLE:   |
| PREFECTURE:  |
| MUNICIPALITY/ COMMUNE  |
| ADDRESS:   |
| PHONE NUMBER:  |
| FOR THE INTERVIEWER:   |
| a. The split-off household will be interviewed in its new address by me _  Complete all the questionnaires       |
| b. The split-off household will be interviewed in its new address by another interviewer (in another prefecture) |

|  | Q                   | UEST.3                            |              |
|--|---------------------|-----------------------------------|--------------|
|  |                     |                                   | CONFIDENTIAL |
| NATIONAL STATIS  | STICAL SERVICE      |                                   |              |
| GENERAL DIVISION   | ON OF STATISTICS    | <b>S</b>                          |              |
| DIVISION OF POPUL  |                     | HOUSEHOLD I.D :                   |              |
| UNIT OF HOUSEHO  | LD SURVEYS          |                                   |              |
| TEL : 210 485217   | 4 -210 4852896      | NAME / SURNAME :                  |              |
| FAX : 210 485217<br>FAX : 210 485290<br>E-MAIL: geodouro@<br>mchalk@st | 6<br>Østatistics.gr | INTERVIEWER :                     |              |
|  | AND LIVING          | ON INCOME<br>3 CONDITIONS<br>2005 |              |
|  | HOUSEHOLD           | QUESTIONNAIRE                     |              |
|  |                     |                                   |              |
|  |                     |                                   |              |
|  |                     |                                   |              |
|  |                     |                                   |              |
|  |                     |                                   |              |
|  |                     |                                   |              |
|  |                     |                                   |              |

Piraeus, 2005

| ■ Time interview began (e.g.  | 18.30)   | _ _ .  _                     |  |  |  |  |  |
|---|--|------------------------------|--|--|--|--|--|
| <ul> <li>Line number of member p</li> <li>Line number of member</li> <li>If the registration of one rether line number of the two</li> <li>Line number of first response</li> </ul> | .—.—·  |                              |  |  |  |  |  |
| ·   | <u> _ _ </u>   |                              |  |  |  |  |  |
| Line number of second res   | Line number of second responsible person   |                              |  |  |  |  |  |
|   | who is managing the household final<br>liber is not possible, note the person  |                              |  |  |  |  |  |
| Line number of first member   | er   |                              |  |  |  |  |  |
|   |  | <u> _ _ </u>                 |  |  |  |  |  |
|   |  |                              |  |  |  |  |  |
| Line number of second me  | mber   |                              |  |  |  |  |  |
| E   | LEMENTS OF DWELLING  |                              |  |  |  |  |  |
|   |  |                              |  |  |  |  |  |
|   |  |                              |  |  |  |  |  |
| 2. Your dwelling type is :  |  |                              |  |  |  |  |  |
| - Detached house  |  | 1                            |  |  |  |  |  |
| - Semi-detached or groups of  | similarly dwellings  | 2                            |  |  |  |  |  |
| - Apartment or flat in a buildin  | g with less than 10 dwellings  | 3                            |  |  |  |  |  |
| - Apartment or flat in a buildin  | g with 10 dwellings or more  | 4                            |  |  |  |  |  |
| - Some other kind of accomm   | odation, please specify:   | 5                            |  |  |  |  |  |
| from the street and s<br>access (staircase, cor<br>The block of flats with  | lwellings are defined the dwellings have tome times there is lobby in which a ridor, balcony etc.). two entrances will be considered as two light to some of the flats and not to all. | II the dwellings have        |  |  |  |  |  |
| bathrooms and toilets? (Exclude rooms used only for be counted as one room)   | our household have use of, not co  | kitchen – living room should |  |  |  |  |  |

1.

FOR THE INTERVIEWER : Please note:

| 4.   | Does your dwelling have the following amenities  | s?<br>YES           | NO                                    |
|------|--|---------------------|---------------------------------------|
|      | - Bath or shower   | 1                   | 2                                     |
|      | - Indoor flushing toilet   | 1                   | 2                                     |
| 5.   | Do you have any of the following problems with   | n your accor<br>YES | nmodation?<br>NO                      |
|      | - Leaking roof, damp walls/floors/foundation,  |                     |                                       |
|      | or rot in window frames or floor   | 1                   | 2                                     |
|      | <ul> <li>Too dark not enough light</li> <li>Noise from neighbors or noise from the street</li> </ul>   | 1                   | 2                                     |
|      | (traffic, business, factories etc.) - Pollution, grime or other environmental problems   | 1                   | 2                                     |
|      | in area caused by traffic or industry  | 1                   | 2                                     |
|      | - Crime, violence or vandalism in the area   | 1                   | 2                                     |
| 6.   | Your dwelling tenure status is: - Tenant or subtenant paying rent at prevailing or ma (Include cases where rent is recovered from housing) - Dwelling is rented at a reduced rate (lower price that                  | ng benefit)         |                                       |
|      | - Owned  | an the marke        | $2 \rightarrow 70$ $3 \rightarrow 7c$ |
|      | - Dwelling is provided rent – free (from employer, rela  | ative, etc.)        | $4 \rightarrow 7d$                    |
| 7. \ | When did you sign the contract for your dwelling paying rent at prevailing or market rate or reduced than the market price, when did you purchase you the owner, when did you move to this addre provided rent-free? | rate with lo        | wer price<br>f you are                |
|      | 7.a For tenants  | Ye                  | ar  _ _ _  → 11                       |
|      | 7.b For tenants paying rent at lower price than the price  |                     | ar   <u> </u>  _  → 8                 |
|      | 7.c For owners   | Ye                  | ar  _ _ _  → 8                        |
|      | 7.d For persons for which the use of the dwelling har  | -                   | rided<br>ar  _ _ _  → 8               |

# OWNERS OR TENANTS PAYING RENT AT LOWER PRICE THAN THE MARKET PRICE OR FOR THOSE FOR WHICH THE USE OF THE DWELLING HAS BEEN PROVIDED RENT - FREE

| 8.  | How much would you pay as monthly rent for your dwelling, if you were renting a similar dwelling?  |                  |  |  |  |  |  |  |  |  |
|-----|--|------------------|--|--|--|--|--|--|--|--|
|     | - Monthly imputed rent €   | → 10             |  |  |  |  |  |  |  |  |
|     | - Do not know  | → 9              |  |  |  |  |  |  |  |  |
| 9.  | If you do not know, could you please provide the approximate rabe willing to pay?                  | nge you would    |  |  |  |  |  |  |  |  |
|     | - Less than 151 €  | 1                |  |  |  |  |  |  |  |  |
|     | - 151 – 350€   | 2                |  |  |  |  |  |  |  |  |
|     | - 351 – 500€   | 3                |  |  |  |  |  |  |  |  |
|     | - 501 – 650€   | 4                |  |  |  |  |  |  |  |  |
|     | - 651 - 800€   | 5                |  |  |  |  |  |  |  |  |
|     | - 801 – 950€   | 6                |  |  |  |  |  |  |  |  |
|     | - 951 – 1200€  | 7                |  |  |  |  |  |  |  |  |
|     | - 1201 – 1400€   | 8                |  |  |  |  |  |  |  |  |
|     | - 1401 – 1600€   | 9                |  |  |  |  |  |  |  |  |
|     | - 1601 – 1800€   | 10               |  |  |  |  |  |  |  |  |
|     | - 1801 – 2000€   | 11               |  |  |  |  |  |  |  |  |
|     | - 2001 – 2500€   | 12               |  |  |  |  |  |  |  |  |
|     | - More than 2500€  | 13               |  |  |  |  |  |  |  |  |
|     |  |                  |  |  |  |  |  |  |  |  |
| 10. | FOR THE INTERVIEWER : Please check from Q.6 if the dwelling i                                      | s:               |  |  |  |  |  |  |  |  |
|     | - Owned?   | $1\rightarrow13$ |  |  |  |  |  |  |  |  |
|     | - Rented at price lower than the market price? The use of the dwelling has been provided rent-free | 2 → 11           |  |  |  |  |  |  |  |  |
|     | (from the employer, relatives etc.)?   | 3 → 16           |  |  |  |  |  |  |  |  |

# **RENTED DWELLING**

| <ul> <li>Gross monthly amount for rent (before deducting any<br/>recovered from housing benefit)</li> </ul>               | amount<br>€   |                  |
|---|---------------|------------------|
| 2. Does the rent that you just provided include payme following items?  | nts for some  | of the           |
|   | YES           | NO               |
| • Water   | 1             | 2                |
| Electricity   | 1             | 2                |
| • Gas   | 1             | 2                |
| Liquid or solid fuels (e.g. oil, coke, etc.)  | 1             | 2                |
| Heating, hot running water  | 1             | 2                |
| Structural premium insurance  | 1             | 2                |
| Sewage removal  | 1             | 2                |
| Refuse removal  | 1             | 2                |
| Other charges (common use expenses, etc.)   | 1             | 2                |
| Regular maintenance and repairs   | 1             | 2                |
| OWNED OR RENTED DWELLIN   | G             |                  |
| 13. During 2004, did you receive any allowance, subsi<br>public schemes for housing costs? (Included are<br>benefit etc.) | •             | •                |
| - Yes   |               | 1→1              |
| - No  |               | $2\rightarrow 1$ |
| 4. What was the monthly amount you received?  Please include any amounts paid directly to the landle mortgage provider    | ord or to the |                  |
|   | €             |                  |
| - Monthly amount  |               |                  |
| - Monthly amount Please mention the allowance:  |               |                  |

#### **HOUSING COSTS**

#### 16. Do you pay for:

|   |  | YES | NO |
|---|--|-----|----|
| • | Water  | 1   | 2  |
| • | Electricity                                  | 1   | 2  |
| • | Gas  | 1   | 2  |
| • | Liquid or solid fuels (e.g. oil, coke, etc.) | 1   | 2  |
| • | Heating, hot running water                   | 1   | 2  |
| • | Structural premium insurance                 | 1   | 2  |
| • | Sewage removal                               | 1   | 2  |
| • | Refuse removal                               | 1   | 2  |
| • | Other charges (common use expenses, etc.)    | 1   | 2  |
| • | Regular maintenance and repairs              | 1   | 2  |

16a. To what extent are housing costs a financial burden to you?

Included are interest payments on mortgage (for owners), rent (for tenants),
insurance and service charges (sewage removal, refuse removal, regular
maintenance, repairs, heating, water, electricity, gas, etc.)

| - A heavy burden       | 1 |
|------------------------|---|
| - Somewhat of a burden | 2 |
| - Not burden at all    | 3 |

#### NON-MONETARY ITEMS

17. For each item below, please indicate whether or not your household possesses it. It does not matter whether the item is owned, rented or otherwise provided for free use.

If you do not have an item:

- (a) would like to have it but cannot afford it, or
- (b) do not have it for other reasons e.g. you don't want or need it

|   | YES | Cannot<br>afford | Do not want it, for other reasons |
|---|-----|------------------|-----------------------------------|
| - Telephone (either fixed line or mobile) | 1   | 2                | 3                                 |
| - Color television                        | 1   | 2                | 3                                 |
| - Computer                                | 1   | 2                | 3                                 |
| - Washing machine                         | 1   | 2                | 3                                 |
| - Private car or private truck            | 1   | 2                | 3                                 |

## **FINANCIAL SITUATION**

| 18. Do you or anyone in your household have to loans? Included are loans for car purchasing.  Are not included any mortgage or loans connect all credit card transactions. Included are loans for | , chattels, holidays, eted with your dwelling. | childb<br>Includ | irth etc.<br>ded are |
|---|--|------------------|----------------------|
| - Yes   |  | 1 –              | → <b>1</b> 9         |
| - No  |  | 2 –              | → 20                 |
| 19. To what extent is the repayment of such debte burden on your household?   | s and the interest a f                         | inanci           | al                   |
| - A heavy burden  |  | 1                |                      |
| - Somewhat of a burden  |  | 2                |                      |
| - Not burden at all   |  | 3                |                      |
| 20. If you want, can your household afford the fol  | llowing?                                       |                  |                      |
|   | YES  |                  | NO                   |
| <ul> <li>Paying for a week's annual holiday away from heat, chicken or fish every second day</li> </ul>   | ome 1  |                  | 2                    |
| (or vegetarian equivalent)  | 1  |                  | 2                    |
| - Paying irregular but necessary expenses   | 1  |                  | 2                    |
| - Keeping your home adequately warm   | 1  |                  | 2                    |
| 21. Has your household been in arrears at any tin months, that is, unable to pay as scheduled a   |  | ?                |                      |
|   | YES  | NO<br>APPLIO     | NOT<br>CABLE         |
| - Rent for accommodation or mortgage payments   | 5 1  | 2                | 3                    |
| - Utility bills, such as for electricity, water or gas  | 1  | 2                | 3                    |
| - Hire purchase installments or other loan paymer   | nts 1  | 2                | 3                    |
| 22. Thinking of your household's total monthly o household make ends meet?  | r weekly income, do                            | es you           | ır                   |
| - With great difficulty   |  | 1                |                      |
| - With difficulty   |  | . 2              |                      |
| - With some difficulty  |  | 3                |                      |
| - Fairly easily   |  | 4                |                      |
| - Easily  |  | 5                |                      |
| - Very easily   |  | . 6              |                      |

| - Total monthly amo                       | ount   | €         |                                |
|---|--|-----------|--------------------------------|
|   | INCOME FOR CHILDREN LESS<br>THAN 16 YEARS OLD                                      |           |                                |
| 3. FOR THE INTERVII<br>under 16 years old | EWER: Please check registers, if there<br>I in the household.                      | are any c | children                       |
| - Yes                                     |  |           | $1 \rightarrow 24$             |
| - No                                      |  |           | $2 \rightarrow 29$             |
| income?<br>Please do not include          | ny of the children under 16 have an inc<br>e amounts from other members of the hou | usehold   | t source of $1 \rightarrow 25$ |
| - No                                      |  |           | $2 \rightarrow 29$             |
| Annual total amount                       | he annual total amount?ed amount subject to tax and social ins                     |           | -                              |
| -   | or social insurance contributions or both.   |           | .ontributions<br>1→27          |
| -   | t to tax or social insurance contributions   | ••        | 2→ 29                          |
| •   |  |           | 3→ 29                          |
| 7. Are the tax and so                     | ocial insurance contributions included   | in the am | ount of Q.2                    |
| - Only tax is included                    | <u></u>  |           | 1                              |
| - Only social insuran                     | ce contributions are included  |           | 2                              |
| - Tax and social insu                     | urance contributions included  |           | 3                              |
| - No, neither                             |  |           | 4                              |
| 8. Please register the                    | e tax amount or the amount of social ir  | nsurance  | contribution                   |
| Tax amount                                |  | €         |                                |
| Social insurance cor                      | ntributions amount   | €         |                                |
| Do not know the abo                       | ove amounts  |           |                                |

22a. According to your opinion, which is the lowest net monthly income you

# **SOCIAL ASSISTANCE**

| 29. Did you or anyone in your household receive, during 2004, any assistance payment, such as the social solidarity allowance? (Included are allowances for poor persons – a lump sum amout assistance to poor households in mountainous and disadvantage areas, allowances to children under 16 years old who live in households (pre-school and school allowance), allowances repatriations, refugees, released from prisons, drug-addicts, alcohallowances to long-standings unemployed aged 45-65 and the allow of social solidarity for pensioners which will be registered for all mareceived totally. Also included are benefits to households that face earthquake, flood etc. | nt for<br>geous<br>poor<br>s to<br>nolics,<br>vance<br>onths |
|--|--|
| - Yes  | $1 \rightarrow 30$   |
| - No   | $2 \to 30$   |
| 30. If yes, which was the annual total amount?   |  |
| - Annual total amount €  |  |
| - Please register the allowance:   |  |
| RENTAL INCOME  |  |
| 31. During 2004, did you or anyone in your household receive income from renting property (e.g. renting a building, house, f room or some land)? Included are rents form renting a car, taxi, boat only if the owner has not renting as main job (e.g. a pens renting a taxi).   | <b>lat, a</b><br>track,                                      |
| - Yes  | $1 \rightarrow 32$   |
| - No   | $2 \rightarrow 37$   |
| <b>31.a</b> If YES, please note the type/kind of this property (e.g. apartment parking, boat, etc.)  | t, taxi, land,   |
| Property:  |  |
| Property:  |  |
| Property:  |  |
|  |  |

| 32.        | If yes, do you know what was the income your household refrom renting property after deducting costs, such as payments, repairs, maintenance and insurance and other during 2004?  Do not deduct tax corresponding to income.  | interest                          |
|------------|--|-----------------------------------|
|            | - Yes, amount €  | <u> </u> → 34                     |
|            | - No profit as expenses equaled or exceeded rent received  | 1 → 34                            |
|            | - No, don't know   | ${\scriptstyle 2 \rightarrow 33}$ |
| 32a        | . Please provide the amount of expenses you made, during 200 maintenance, insurance, etc. for your property Amount   | •                                 |
| 22         | If you don't know the exact amount, please can you give an ap  | orovimato rango?                  |
| <b>33.</b> | - Less than 1.000 €  | oroximate range?                  |
|            | - 1.000€ to under 3.000 €  | 2                                 |
|            | - 3.000€ to under 5.000 €  | 3                                 |
|            | - 5.000€ to under 10.000 €   | 4                                 |
|            | - 10.000€ or more  | 5                                 |
|            | <ul> <li>Is the pre-mentioned amount subject to tax or social insurance In cases of zero profit or loss, taxation is done by inference.</li> <li>Yes, subject to tax or social insurance contributions or both</li> <li>No, doesn't subject to tax or social insurance contributions</li> <li>Do not know if subject to tax or social insurance contributions</li> </ul> | 1→ 35<br>2→ 37                    |
| 35.        | Do the registered amounts in Q.32 or Q.33 include tax or and s contributions?  | social                            |
|            | - Only tax is included   | 1                                 |
|            | - Only social insurance contributions are included   |                                   |
|            | - Tax and social insurance contributions are included  | 3                                 |
|            | - Tax and social insurance contributions are not included  | 4                                 |
| 36.        | Please register the amount of tax and social insurance contrib<br>In case of no tax, register <u>0</u> in the field  | utions.                           |
|            | Tax amount €   |                                   |
|            | Social insurance contributions amount €  | <del></del>                       |
|            | Do not know the above amounts  | <u>-</u>                          |

#### FAMILY RELATED ALLOWANCES-BENEFITS

| 37. | During  | 2004, | did  | you  | or | anyone | from | your | household | receive | any | family |
|-----|---------|-------|------|------|----|--------|------|------|-----------|---------|-----|--------|
|     | allowan | ce or | bene | fit? |    |        |      |      |           |         |     |        |

| - Yes | 1 → 38         |
|-------|----------------|
| - No  | 2 → <b>3</b> 9 |

# 38. Please note the gross or net amount, as well as the number of months you received the allowance.

\*The allowance for family public servants, the allowance for pregnancy-puerperal and the allowance for parental leave, if register to the particular question, will not be included to the income of employees.

| ALLOWANCE-<br>BENEFIT                                    |            | If yes: Please<br>register the monthly<br>amount | Numb<br>er of<br>month<br>s | In the prementioned amount are included: 1:Tax 2:Social insurance contributions 3:Both 4:None 5: Do not know | Tax amount or social insurance contributions or both (additional)  If subject to tax or to social insurance contributions |
|--|------------|--|-----------------------------|--|---|
| Lifelong pension for mothers having more than 3 children | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |
| Allowance for families having 3 children                 | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |
| Allowance for families having more than 3 children       | YES<br>NO  | €  | _ _                         | 1 2 3 4 5  | €   |
| Family allowance for public servants*                    | YES<br>OXI | €  | <u> _ _ </u>                | 1 2 3 4 5  | €   |
| Incapacitated relatives care benefit                     | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |
| Pregnancy-puerperal benefit*                             | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |
| Parental leave allowance*                                | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |
| Birth grant  | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |
| Marriage benefit (lump sum)                              | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |
| Student's allowance                                      | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |
| Other allowances, please specify:                        | YES<br>NO  | €  |                             | 1 2 3 4 5  | €   |

# INTRA-HOUSEHOLD TRANSFERS TO/FROM OTHER HOUSEHOLDS

| someone in another private household?   | iold make reg                      | gular payments to      |
|---|------------------------------------|------------------------|
| (Included support for a student living away from spouse or former spouse, children not living with yo some other person. Do not include one-off gifts subjirthdays as well as the amounts, which are not strong of other households). | ou, an older re<br>uch as for Chri | elative or<br>stmas or |
| - Yes   |                                    | $1 \rightarrow 40$     |
| - No  |                                    | $2 \rightarrow 43$     |
| 40. If yes, which was the annual total amount?  |                                    |                        |
| - Annual total amount   | €                                  |                        |
| 41. Is the pre-mentioned amount subject to tax?   |                                    |                        |
| - Yes   |                                    | 1→ 42                  |
| - No  |                                    | 2→ 43                  |
| - Do not know if subject to tax   |                                    | 3→ 43                  |
| 42. Is the registered amount in Q. 40 including tax? In this case we refer to tax relief.   |                                    |                        |
| - Yes, tax amount (tax relief)  | €                                  |                        |
| - No/do not know the exact tax amount (tax relief)  |                                    |                        |
| 43. During 2004, did you or anyone in your house from other private households' members?  | hold receive                       | regular payments       |
| (Included are payments from parents, children, relagifts such as for Christmas or birthdays as well strengthening the income of other households).  |                                    |                        |
| - Yes   |                                    | $1 \rightarrow 44$     |
| - No  |                                    | $2 \rightarrow 47$     |
| 44. If yes, what was the type of this benefit and which   | ch the annual                      | total amount?          |
| - Type of benefit :   |                                    |                        |

- Annual total amount......

| - Yes                                     |  |             |               |
|---|--|-------------|---------------|
|   |  |             | 1→ 46         |
| - No                                      |  |             | 2→ 47         |
| - Do not know if sub                      | eject to tax   |             | 3→ 47         |
| 46. Does the registered                   | amount in Q. 44 include tax?   |             |               |
| - Yes tax amount                          |  | €           |               |
| - No/do not know the                      | exact amount   |             |               |
|   | INCOME IN KIND   |             |               |
| 47. During 2004, did you foods or drinks? | u save any income from own/h   | nome produc | ction such as |
|   | o income saved from consumin<br>livestock production and <u><b>not</b></u> to in |             |               |
| - Yes                                     |  |             | 1→ 48         |
| - No                                      |  |             | 2→ 49         |
| 48. If yes, which is appr                 | oximately the amount you sav   | ved?        |               |
| - Total amount (annua                     | al)  | €           |               |
|   | TAX ON WEALTH  |             |               |
| members' assets?                          | pay any tax on wealth, conc  |             | or other      |
| - Yes                                     |  |             | 1→ 50         |
| - No                                      |  |             | 2→ 51         |
| 50. If yes, which is the t                | otal annual amount?  |             |               |
| - Total amount (annua                     | al)  | €           |               |

45 . Is the pre-mentioned amount subject to tax?

# **DURATION AND DATE OF INTERVIEW**

| 51. FOR THE INTERVIE  | WER: Please note     | the exact tir | ne for endin | g the interview: |
|-----------------------|----------------------|---------------|--------------|------------------|
| - Time for ending the | interview (e.g. 18.5 | 55)           | <u> </u>     | _ . _            |
| Date of interview :   | Day  _ _             | Month         |              | Year <b>2005</b> |

#### **QUEST.4 CONFIDENTIAL** NATIONAL STATISTICAL SERVICE **OF GREECE** GENERAL DIVISION OF STATISTICS **DIVISION OF POPULATION AND** HOUSEHOLD ID: | | | | | | | | | | | LABOUR MARKET STATISTICS S/N MEMBER: UNIT OF HOUSEHOLD SURVEYS NAME/SURNAME: TEL: 210 485 2174-210 485 2896 FAX: 210 485 2906 E-MAIL: geodouro@statistics.gr **INTERVIEWER:** mchalk@statostics.gr

# SURVEY ON INCOME AND LIVING CONDITIONS 2005

PERSONAL QUESTIONNAIRE

To be filled only for members born up to the year 1988

The survey is being conducted in a sample of households having been randomly designed by the NSSG. The supply of data is OBLIGATORY and the answers in the questions are CONFIDENTIAL (L.3267/56 και L.2392/96).

Piraeus, 2005

|                          | DEMOGRAPHIC ELEMENTS                                 |
|--------------------------|--|
| which country were yo    | ou born?   |
| What is your citizenship | ? If you have dual citizenship, please specify both. |
|                          |  |
| Vhat is your legal marit | al status?   |
| - Never married          |  |
| - Married                |  |
| - Separated              |  |
| - Widowed                |  |
| - Divorced.              |  |
| - Yes, without a legal b | easis  |
|                          | EDUCATION  |
| Are you still in an educ | -  |
|                          |  |
| - No                     |  |
| What are you currently   | y studying for?                                      |
| - Demotiko               |  |
| - Gymnasio               |  |
| - Lykeio                 |  |
| - Institutions for vocat | ional training                                       |
| - Technological educa    | tional institutes                                    |
| Universities Higher      | Military Schools                                     |
| - Universities, Higher   | 171111tal y 50110015                                 |
|                          |  |

<sup>\*</sup> To be filled from the National Statistical Service

| 8. What is the highest level of education you have actually completed?                                    | 1.0 |
|---|-----|
| -Never attended any level of education  | →10 |
| - Few classes of Demotiko.  | 1   |
| - Demotiko  | 2   |
| - Gymnasio  | 3   |
| - Lykeio  | 4   |
| - Institution for vocational training   | 5   |
| - Technological educational institutes  | 6A  |
| - University, Higher military school.   | 6B  |
| - Msc, MBA  | 6Γ  |
| - Ph.D  | 7   |
| 9. In which year did you complete the pre-mentioned educational level?  Year                              |     |
| HEALTH  |     |
| 10. How is your health in general?  |     |
| - Very good   | 1   |
| - Good  | 2   |
| - Fair  | 3   |
| - Bad   | 4   |
| - Very bad  | 5   |
| 11. Do you suffer from any chronic illness?  The answer is subjective.                                    |     |
| - Yes   | 1   |
| - No  | 2   |
| 12. For at least the last 6 months have you been limited your daily activiti because of a health problem? | es  |
| - Yes, strongly limited.  | 1   |
| - Yes, limited  | 2   |
| - No. not limited   | 3   |

| - Yes, there was at least one time.  | 1→14                      |
|--|---------------------------|
| - No   | 2→15                      |
| 14. What was the main reason for unmet need for dental examination or tro  Mention the most recent one.  | eatment?                  |
| - Could not afford to (too expensive)  | 1                         |
| - Length of waiting list   | 2                         |
| - Could not take time because of work, care for children or for others   | . 3                       |
| - Too far to travel, no means of transportation  | 4                         |
| - Fear of doctor, hospitals, examination, treatment  | 5                         |
| - Wanted to wait and see if problem got better on its own  | . 6                       |
| - Didn't know any good doctor or specialist  | . 7                       |
| - Other reasons please specify:  | 8                         |
| needed a medical examination or treatment for a health problem but yo  | u really<br>ou did        |
| needed a medical examination or treatment for a health problem but you not receive it?  - Yes, there was at least one time   | ou did 1→16               |
| not receive it? - Yes, there was at least one time   | ou did<br>1→16<br>2→17    |
| not receive it?  - Yes, there was at least one time  - No  16. What was the main reason for unmet need for examination or treatmen   | ou did<br>1→16<br>2→17    |
| not receive it?  - Yes, there was at least one time  | 1→16<br>2→17<br><b>t?</b> |
| not receive it?  - Yes, there was at least one time  | 1→16<br>2→17<br><b>t?</b> |
| not receive it?  - Yes, there was at least one time  - No  16. What was the main reason for unmet need for examination or treatmen Mention the most recent one.  - Could not afford to (too expensive)  - Length of waiting list | 1→16<br>2→17<br><b>t?</b> |
| not receive it?  - Yes, there was at least one time  | 1→16 2→17  t?  1 2 3      |
| not receive it?  - Yes, there was at least one time  | 1→16 2→17  t?  1 2 3 4    |
| not receive it?  - Yes, there was at least one time  | 1→16 2→17  t?  1 2 3 4 5  |

#### **CURRENT ACTIVITY**

| 17. | During the previous week, did you do any work for payment or profit, even if it was only for one hour?  Unpaid workers for a family business will answer "Yes"   |       |
|-----|--|-------|
|     | - Yes  | 1→19  |
|     | - No   | 2→18  |
| 18. | Even if you did not do paid work during last week, did you have a job or business from which you were away (due to maternity or parental leave, holidays, own illness, injury or temporary, bad weather etc.) and to which you expect to return?                                       |       |
|     | - Yes  | 1     |
|     | - No   | 2     |
| 19. | Which is your main activity at present, are you?   |       |
|     | The activity is self-defined from the interviewer  |       |
| -   | · Working full – time  | 01→32 |
| -   | Working part – time  | 02→32 |
| -   | Unemployed   | 03    |
| -   | Pupil, student, further training, unpaid work experience   | 04    |
| -   | In retirement or in early retirement or has given up business  | 05    |
| -   | Permanently disabled and/or unfit to work  | 06    |
| -   | In compulsory military community or service  | 07    |
| -   | Fulfilling domestic tasks and care responsibilities  | 08    |
| -   | Other inactive person, that is   | 09    |
| 20. | Are you actively looking for a job in previous 4 weeks?  For the persons who:  Wait for the results of a job application  Wait for a phone call from the public employment office  Wait for the results of a competition for recruitment to the public sector. the answer will be "No" |       |
| -   | · Yes  | 1→21  |
| -   | No   | 2→22  |
| 21. | If you find a job are you available to undertake it within the next 2 weeks?   |       |
| -   | Yes  | 1     |
| _   | · No   | 2     |

#### **CHARACTERISTICS OF JOB (CURRENT OR PREVIOUS)**

For persons not having as main activity work

| - Yes   | 1→23                         |
|---|------------------------------|
| - No  | 2→47                         |
| 23. Please describe as fully as possible the nature of work done in your last main job or in your current main job.                                 | t                            |
|   | _ _  *                       |
| 4. In your main last job you were/are:  |                              |
| - Self-employed with employee(s)  | 1→47                         |
| - Self-employed without employee(s)   | 2→4′                         |
| - Employee  | 3→2:                         |
| - Family worker, unpaid   | 4→4′                         |
| 5. FOR THE INTERVIEWER: Check the answers of the questions 17 and 1   | 8.                           |
| - In the question 17 or 18 there is answer "yes".   | 1→20                         |
| - In the question 17 and question 18 there is answer "no"   | 2→3                          |
| <b>26.</b> Please describe the main activity of the local unit of the business or   | •                            |
| 6. Please describe the main activity of the local unit of the business or organization where you worked the previous week.                          | <u>_ </u> _  *               |
| organization where you worked the previous week.  | _ _  *                       |
| organization where you worked the previous week.  7. How many people worked in the local unit of the business or                                    | _ _  *                       |
| 7. How many people worked in the local unit of the business or organization where you worked the previous week?                                     | <u> </u>   *                 |
| 7. How many people worked in the local unit of the business or organization where you worked the previous week?  -Exact number if between 1 and 10  | _ _  <b>*</b><br> _ _ 1      |
| 7. How many people worked in the local unit of the business or organization where you worked the previous week?  -Exact number if between 1 and 10  | _ _  <b>*</b><br> _ _ 1<br>2 |
| 77. How many people worked in the local unit of the business or organization where you worked the previous week?  -Exact number if between 1 and 10 | _ _  <b>*</b>  _ _ 1 2 3     |

<sup>\*</sup> To be filled from the National Statistical Service.

|                            | ind of work do you do in your main job? Pleas ible the nature of the work done.  | e describe as fully |      |
|----------------------------|--|---------------------|------|
| <u>job</u> . If pe         | E INTERVIEWER :The questions that follow refererson has multiple jobs at present, as main job is she normally works most hours.                                      |                     |      |
|                            | CHARACTERISTICS OF MA  | IN JOB              |      |
| - No                       |  |                     | 2→47 |
|                            |  |                     | 1→47 |
| 31. In your                | job did/do you supervise or manage any person  | nel?                |      |
|                            | orary job/work contract of limited duration  |                     | 2    |
|                            | could you tell me what was/is the type of your wannent job/contract of unlimited duration  |                     | 1    |
|                            |  | month               | 3    |
|                            |  | fortnight           | 2    |
| - Recei                    | ved:   | per week            | 1    |
|                            | nount  |                     | •    |
| - Gross                    | amount   | €                   | 1    |
| obligate<br><u>Net:</u> ar | are considered the earnings before the dedu<br>ory social insurance contributions.<br>The considered the earnings after the deduction of<br>Insurance contributions. | •                   |      |

<sup>\*</sup> To be filled from the National Statistical Service.

| 54. In your main job you are.  |  |         |
|--|--|---------|
| - Self-employed with employee(s)   |  | 1       |
| - Self-employed without employee(s)  |  | 2       |
| - Employee   |  | 3       |
| - Unpaid worker in the family business   |  | 4       |
| 35. How many people work in the local unit of the where you work?  | e business or organization   |         |
| - Exact number if between 1 and 10   |  | _ _ 1   |
| - 11 to 19 persons   |  | 2       |
| - 20 to 49 persons   |  | 3       |
| - 50 persons or more   |  | 4       |
| - Do not know but less than 11 persons   |  | 5       |
| - Do not know but more than 10 persons   |  | 6       |
| 36. How many hours per week do you normally wo Please include usual overtime (paid or not).  - Hours per week  |  |         |
| In his/her main job the interviewee is:  |  |         |
| -Employee  |  | 1→38    |
| - Self-employed, with or without employees, or fa  | mily worker  | 2→41    |
| 38. You said that you usually work xxx hours per Q.36). What are your usual gross and net ear usual paid overtime and how often did you rec Gross: are considered the earnings before obligatory social insurance contributions.  Net: are considered the earnings after the dec social insurance contributions. | rnings in this job, including eive them?  the deduction of tax and | ${f g}$ |
| - Gross amount   | €  |         |
| - Net amount.  | €  |         |
| - Received:  | per week   | 1       |
|  | fortnight  | 2       |
|  | month  | 3       |
| 39. Please, could you tell me what is the type of y  | our work contract?   |         |
| - Permanent job/work contract of unlimited dura  | ution  | 1       |
| - Temporary job/work contract of limited duration  | on   | 2       |

| 40. In your job do you supervise or manage any personnel?  |     |
|--|-----|
| - Yes  | 1   |
| - No   | 2   |
| 41. Have you changed your main job since the last 12 months?   |     |
| - Yes  | 1-  |
| - No   | 2-  |
| 42. What was the main reason you change your previous job?  Please note the most important reason.                       |     |
| - To take up or seek better job.   | 1   |
| - End of temporary contract.   | 2   |
| - Obliged to stop by employer  | 3   |
| - Sale or closure of own/family business   | 4   |
| - Child care and care for other dependent.   | 5   |
| - Partner's job required us to move to another area or marriage  | 6   |
| - Other reasons please specify:  | 7   |
| 43. Do you normally work at more than one jobs at present? - Yes   | 1-  |
| - No   | 2-  |
| 44. How many hours in total do you work each week in all your jobs? - Hours per week                                     | _ _ |
| 45. FOR THE INTERVIEWER: Check the answers of questions 36 and 44. The interviewee usually works in all of his/her jobs: |     |
| - Less than 30 hours per week.   | 1-  |
| - 30 hours or more per week.   | 2-  |
| 46. What is the main reason for working less than 30 hours per week?   |     |
| - Undergoing education or training   | 1   |
| - Personal illness or disability   | 2   |
| - Want to work more hours, but cannot find a full-time job or work more  |     |
| hours in this job.   | 3   |
| - Do not want to work more hours   | 4   |
| - Number of hours in all jobs are considered as a full-time job  | 5   |
| - Housework, looking after children or other persons   | 6   |
| - Other reasons, please specify:   | 7   |

#### **ACTIVITY HISTORY**

| 47. At what age you began your first regular job or business?  - Age of first regular job   |           |
|---|-----------|
| - Never worked  |           |
| 48. Since that time, roughly how many years have you spent at work, eigan employee or self-employed?  | ith       |
| - Years   | . <b></b> |
| 49. For each month of 2004 and up today, which was your main activity  - Working  Employee full – time.  Employee part – time.  Self – employed full-time (including family workers).  Self – employed part-time (including family workers).  - Unemployed.  - Retired.  - Student.  - Inactive (Excluding retired and persons in military service).  (apprentice without pay, fulfilling domestic tasks, taking care of children/ other persons, men of independent means, incapacitated etc.) | f         |
| - In compulsory military service  |           |
| - January 2004  |           |
| - February 2004.  |           |
| - March 2004  |           |
| - April 2004  |           |
| - May 2004  |           |
| - June 2004   |           |
| - July 2004   |           |
| - August 2004   |           |
| - September 2004.   |           |
| - October 2004  |           |
| - November 2004   |           |
| - December 2004   |           |
| - January 2005  |           |
| - February 2005   |           |
|   |           |
| - March 2005  |           |
| - April 2005  |           |
| - May 2005  |           |

#### INCOME FOR EMPLOYEES

50. During 2004, did you have any income as an employee or as an apprentice from wage, salary or other form of pay? Including both casual and temporary work as well as regular work. - Yes....  $1\rightarrow 51$  $2\rightarrow77$ - No ..... 51. During 2004, do you know what were your total gross earnings? Gross is the amount before tax and social insurance were deducted. - Yes .....  $1 \to 52$  $2\rightarrow 53$ 52. If yes, what were your total gross earnings as an employee in 2004? - Total amount (annual)..... € | 53. During 2004, do you know what were your total net earnings? Net is the amount after tax and social insurance were deducted. - Yes....  $1\rightarrow 54$ - No .....  $2\rightarrow 57$ 54. If yes, what were your total net earnings as an employee in 2004? € |\_\_\_ - Total amount (annual)..... 55. Please could you indicate if the net amount in Q. 54 was paid: - After tax deduction? - After social insurance deduction? - After tax and social insurance deduction? - Do not know....

56. FOR THE INTERVIEWER: Answer will be given according to Q. 51

- In Q. 51 and 53 there is answer "no".

- In any other case.

and Q. 53.

 $1 \to 57$ 

 $2\rightarrow60$ 

| If you had more than one job at a time, please give the      | total earnings.           |    |
|--|---------------------------|----|
| <b>α.</b> Gross amount                                       | €                         |    |
| Received:  | per week                  | 1  |
|  | fortnight                 | 2  |
|  | month                     | 3  |
| <b>β.</b> Net amount   | €                         |    |
| Received:  | per week                  | 1  |
|  | fortnight                 | 2  |
|  | month                     | 3  |
| 58. Please, could you indicate if the net amount in Q.5'     | 7b was paid:              |    |
| - After tax deduction?                                       |                           | 1  |
| - After social insurance deduction?                          |                           | 2  |
| - After tax and social insurance deduction?                  |                           | 3  |
| - Do not know  |                           | 4  |
| 59. During 2004, for how many months, weeks or fortr income? | nights did you receive th | is |
| - Weeks  |                           |    |
| - Fortnights   |                           |    |
| - Months   |                           |    |

57. During 2004, what was your normal pay each time you were paid? Please give the gross amount, before deduction of tax and social insurance, and

the net amount after deduction of tax and/or social insurance.

# 60. During 2004, did you receive any income coming from the following income sources?

|  | YES      | NO   |
|--|----------|------|
| Overtime   | 1        | 2    |
| Director's fees in incorporated business   | 1        | 2    |
| Commission and tips  | 1        | 2    |
| Piece rate payments  | 1        | 2    |
| Payments for fostering children  | 1        | 2    |
| <ul><li> Profit sharing and bonuses</li><li> Allowance for working in remote</li></ul>   | 1        | 2    |
| <ul><li>locations, for transport</li><li>Remuneration for time not worked</li></ul>  | 1        | 2    |
| (e.g. holiday payments)  | 1        | 2    |
| <ul><li>Additional payments based on productivity</li><li>Supplementary payments</li></ul>   | 1        | 2    |
| (e.g. thirteenth month payment)  | 1        | 2    |
| <ul><li> Marriage allowance</li><li> Allowance to the workers</li></ul>  | 1        | 2    |
| in the building constructions  | 1        | 2    |
| Other payments, specify:   | 1        | 2    |
| 61. FOR THE INTERVIEWER: Fill in the answer according to Q.  | 60.      |      |
| - There is at least one positive answer.   |          | 1→62 |
| - There is no positive answer  |          | 2→65 |
| 62. Are any of these payments in addition to the figures given above already included in the amounts registered in questions 52 or 5 | -        |      |
| - Yes, some in addition  |          | 1    |
| - No, all are already included.  |          | 2→65 |
| 63. During 2004, what were the total gross or net earnings payments of Q. 60?  | from the |      |
| a. Gross amount.   | €        |      |
| <b>b.</b> Net amount   | €        | ı    |

64. Could you please indicate if the net amount in Q. 63 was paid: - Only after the deduction of tax..... - Only after the deduction of social contributions. - After the deduction of both tax and social contributions ..... - Do not know.... 65. During 2004, did you receive any income from: Payments made by the employer. YES NO **A.** Additional payments made by the employer because of sickness, maternity, disability etc..... **B.** Payments made by the employer instead of salary because of sickness, maternity, disability etc..... 2 66. FOR THE INTERVIEWER: Fill in the answer according to Q. 65. - There is at least one positive answer.  $1 \to 67$ - There is no positive answer.....  $2\rightarrow70$ 67. Are all or some of the income additional or are they included in the amounts registered in questions 52 or 54 or 57a and 57b? If some or all are included in your wage, can you separate the amounts corresponding to the payments of Q.65? - Yes, some or all are additional, but I cannot separate them.....  $1 \to 70$ - Yes, some or all are additional and I can separate them.....  $2\rightarrow68$ - No, all are included but I cannot separate them.....  $3\rightarrow70$ - No, all are included and I can separate them.....  $4 \rightarrow 68$ 68. What were the pre-mentioned payments concerning? What is the gross or net amount for each case? Gross Net Gross Net Amount B Amount Amount Amount - Sickness..... 1 € | € | | 1€| |€| - Disability... 1 € |\_\_\_\_\_ € |\_\_\_\_\_ 1€ |\_\_\_\_

**FOR THE INTERVIEWER:** If net amount has not been registered, continue with Q. 65.

- Maternity... 1 € | \_\_\_\_\_

- Widowhood 1 € | \_\_\_\_\_

1€ |\_\_\_\_\_

1 € |\_\_\_\_\_

**FOR THE INTERVIEWER** If net amount has not been registered, continue with Q.70.

# 69. The net amount/s provided in Q.68 was paid:

|   | A | В |
|---|---|---|
| - Only after the deduction of tax?                          | 1 | 1 |
| - Only after the deduction of social contributions?         | 2 | 2 |
| - After the deduction of both tax and social contributions? | 3 | 3 |
| - Do not know   | 4 | 4 |

#### **COMPANY CAR**

| 70. During 2004, did your employer provide you with a car, van motor vehicle, which was also available for private use? | or other    |       |
|---|-------------|-------|
| - Yes   |             | 1→71  |
| - No  |             | 2→75  |
| 71. Please tell me the make, model and registration year of the vehic - Make  | le.         |       |
| - Model   |             | -     |
| - Year  |             |       |
| 72. During 2004, for how many months did you use the pre-n vehicle provided by your employer?  - Number of months.      |             |       |
| 73. Does your employer pay for the insurance, the circulation fe service of the vehicle?                                | es or the   |       |
| YES   | NO          |       |
| - Insurance of the vehicle  | 2           |       |
| - Circulation fees  | 2           |       |
| - Regular and non-regular repairs   | 2           |       |
| 74. During 2004, approximately how many kilometers did you trav   | el with the | e     |
| company car only for private use?   |             |       |
| - Number of kilometers.   | _ _         | _ _ _ |
| OTHER ALLOWANCES IN KIND  |             |       |
| 75. During 2004, did your employer provide you?   |             |       |
| - Free of charge or contribution meals within working   | YES         | NO    |
| hours   | 1           | 2     |
| - Reduced values for electricity, telephone, water etc  | 1           | 2     |
| - Free of charge or with reduced price the produced goods or  |             |       |
| goods appropriate for commerce  | 1           | 2     |
| FOR THE INTERVIEWER: If in Q.75 all answers are NO continu  | ue with Q.  | 77.   |
| 76. If yes, what was the total amount you saved from the pre-mentio   | ned         |       |
| sources? - Amount   | €           |       |

#### SELF-EMPLOYMENT

| 77. | During 2004, did you receive any income from self-employment, such as from your own business, professional practice or farm, freelance work, or working as a subcontractor, providing services or selling goods? Royalties, rentals of buildings, vehicles, and equipment of business as well as grants (agricultural or others)-if any- or grants from the European Community are also included.  Positive answer will be provided by employees, pensioners etc. having income from agricultural or cutlery business etc. |                 |
|-----|--|-----------------|
|     | - Yes  | 1→78            |
|     | - No   | 2→94            |
| 78. | Apart from yourself, are there other household members involved in running or managing this business or activity?  Included are paid and unpaid family workers.  |                 |
|     | - Yes  | 1→79            |
|     | - No   | 2→81            |
| 79. | From whom, you or another member of your household, shall we get information concerning your business or activity?   |                 |
|     | - Me myself  | 1→81            |
|     | - Other household member.  | 2→80            |
| 80. | Please note, from the Household's Register, the member's serial number.  |                 |
|     | S/N member.  | <u>_</u>  _ →94 |
| 81. | Do you think of yourself as having a job or a business?  |                 |
| -   | · Job  | 1               |
| -   | - Business   | 2               |
| -   | Neither  | 3               |
| 82. | Are you working on your own account or are you in partnership with some Do not consider as partners other household members participating in the business.   | eone else?      |
| -   | Own account.   | 1               |
| -   | With partnership   | 2               |

84. What is the most recent period for which you can provide us financial figures? |2|<u>0|0|</u> | - From month | | year till month | | | year |2|0|0| | 85. During the pre-mentioned financial figures period what was the annual income from your business or activity after the deduction of business expenses? As expenses considered are: The expenses for raw materials, product distribution, salaries (including the social insurance contribution), general administration expenses (rent, electricity bills, telephones bills etc.) etc. Include the value of the goods that the self-employed received from his/her business or activity for his/her own account, as well as grants (agricultural or others)-if any- or grants from the European Union. The manager's payments (salaries), for the owner of the business, will be registered under the employee income (questions 50-69). - Amount..... € 86. Does the amount given refer to profit or loss? - Profit  $1 \to 87$  $2\rightarrow94$ - Loss..... 87. Is the pre-mentioned amount subject to tax or social insurance contributions? - Yes, subject to tax or social insurance contributions .....  $1 \rightarrow 88$ - No, is not subject to tax or social insurance contributions.....  $2\rightarrow90$ - Do not know if subject to tax or social insurance contributions.....  $3\rightarrow90$ 88. In the amount you already registered, are tax or social insurance contributions included? Social insurance contributions refer to amounts paid for the insurance coverage of the self-employed him/herself, as well as to the rest members of the household working as unpaid family workers (if any). - Only tax included. - Only social insurance contributions included. - Tax and social insurance contributions are included. - Tax and social insurance contributions are not included..... - Do not know.....  $5\rightarrow 90$ 

83. FOR THE INTERVIEWER: The following questions are just for your

**OWN** share of business and NOT your partner's share.

| 89. | Approximately, mention the amounts you paid in advance for t social insurance contributions.  | ax or   |      |
|-----|---|---------|------|
|     | a. Tax  | €       |      |
|     | b. Social insurance contributions.  | €       |      |
| 90. | Did you draw money from your business account – being onl business purposes- or for personal or family purposes?  The payments for your work in the business (salary, bonus etc.) wincluded in the employee income – questions 50-69. | •       |      |
|     | - Yes   | •••     | 1→91 |
|     | - No  |         | 2→92 |
| 91. | On average how much did you take for these non-business purduring 2004?   | poses   |      |
|     | - Total amount.   | €       |      |
| 92. | During 2004, did you pay additional tax for income concerning preyears (close yearly account, control for the last five years account, etc.)?   |         |      |
|     | - If yes, amount  | €       |      |
|     | - No  |         |      |
| 93. | During 2004, did you pay additional social insurance contribution in order to change insurance class, fines etc.?   | is e.g. |      |
|     | - If yes, amount  | €       |      |
|     | - No  |         | _    |
|     |   |         |      |

#### PROPERTY INCOME

| 1             | from interest, dividen<br>Included are interests | ds or from capital invested  | t saving bank or dividends |                                       |
|---------------|--|--|----------------------------|---------------------------------------|
|               | - Yes  |  |                            | 1→95                                  |
|               | - No   |  |                            | 2→99                                  |
|               | The pre-mentioned in                             | come is:   |                            | 1→98                                  |
|               | •  | usehold members?   |                            | 1→96<br>2→96                          |
|               |  |  |                            | - 17 0                                |
|               | - Both sole and Joint?                           |  |                            | 3→96                                  |
| 96 <u>.</u> ] | For each income joint                            | tly held, please provide the   | following information:     |                                       |
| _             | Person's s/n                                     | Amount If the amount has been registered in another member's questionnaire register here 0 |                            | ax amount<br>mounts subject<br>to tax |
|               |  | €  | 1 2 3 4 €                  |                                       |
|               |  | €  | 1 2 3 4 €                  |                                       |
|               |  | €  | 1 2 3 4 €                  |                                       |
| <b>98.</b> ]  | -Jointly, with other hor<br>-Both sole and joint |  | from any of these sources  | 1→99<br>2→98                          |
|               | Amount   | amount is:  1:Before tax deducted 2:After tax deducted 3:Not taxed 4:Do not know           | Tax amount                 | •                                     |
|               | €  | 1 2 3 4  | 4 €                        | -<br>-                                |
|               | €  | 1 2 3 4  | 4 €                        |                                       |
|               | €  | 1 2 3 4  | 4 €                        | _                                     |

#### PRIVATE PENSIONS

| 99. | Included are pri<br>unemployment p<br>dead spouse or re<br>Excluded are old | ivate old<br>ensions,<br>elative.<br>age pens<br>e insuran | l age pensions, etc. regularly p<br>ions, social benefince schemes that | widowhoo<br>paid by th  | ivate pension sche<br>od, sickness, disab<br>e interviewee or by<br>ump sum on matur              | oility,<br>y the |                                      |
|-----|---|--|---|-------------------------|---|------------------|--------------------------------------|
|     | - Yes   |  |   |                         |   |                  | 1→100                                |
|     | - No  |  |   |                         |   |                  | 2→101                                |
| 100 | 0.If YES, register<br>2004 as well as ta                                    |  |   | ou receive              | ed this amount dur  | ing              |                                      |
|     | PRIVATE<br>PENSION  |  | If YES: Please<br>register the amount                                   | Numbe<br>r of<br>months | The prementioned amount is:  1:Before tax deducted 2:After tax deducted 3:Not taxed 4:Do not know | For              | a amount<br>r amounts<br>ject to tax |
|     | Old age pension   | YES<br>NO  | €   |                         | 1 2 3 4   | €                |                                      |
|     | Other, please specify:  | YES<br>NO  | €   |                         | 1 2 3 4   | €                |                                      |
| 101 | schemes, on your<br>Excluded are the<br>schemes on the en                   | own ini<br>amoun<br>aployer's                              | tiative?<br>ts paid in social<br>initiative.                            | insurano                | vidual private pens   | vate             | 1→102                                |
|     | - No  |  |   |                         |   |                  | 2→103                                |
| 102 | 2. During 2004, w<br>what was the pa  |  |   | each tim                | ne you were paid a  | and              |                                      |
|     | Net amount  |  |   |                         | €   |                  |                                      |
|     | Paying period:  |  |   |                         | year  |                  | 1                                    |
|     |   |  |   |                         | semester  |                  | 2                                    |
|     |   |  |   |                         | quarter   |                  | 3                                    |

#### UNEMPLOYMENT / VOCATIONAL TRAINING

|  |           |   |                           |   | $1 \rightarrow 104$ $2 \rightarrow 105$   |
|--|-----------|---|---------------------------|---|---|
| each month and the amount rec  | the n     | owances please regi<br>umber of months. Y<br>was gross, net o<br>ax on income, net of | You could a<br>f tax on   | also clarify wheth<br>income and soc  | er  |
|  |           |   |                           | The pre-mentioned amount is:  |   |
| ALLOWANCE OR<br>BENEFIT  |           | If yes: Please register the<br>monthly amount   | Number of months received | 1:Gross 2:Net of tax on income and social contributions 3:Net of tax on income at source 4:Net of social contributions 5: Do not know | Amount of tax or social contributions If the amount subject to tax and social contributions |
| Full unemployment allowance  | YES<br>NO | €   |                           | 1 2 3 4 5   | €   |
| Partial unemployment allowance   | YES<br>NO | €   | _ _                       | 1 2 3 4 5   | €   |
| Early retirement for labour market reasons   | YES<br>NO | €   |                           | 1 2 3 4 5   | €   |
| Vocational training allowance for unemployed   | YES<br>NO | €   |                           | 1 2 3 4 5   | €   |
| Reimbursement due to dismissal from work   | YES<br>NO | €   |                           | 1 2 3 4 5   | €   |
| Seasonal unemployment<br>benefit for persons<br>seasonally working (e.g.<br>actresses, musicians,<br>building workers, hotel<br>staff, etc.) | YES<br>NO | €   | LLI                       | 1 2 3 4 5   | €   |
| Allowance for young persons aged 20-29 years   | YES<br>NO | €   |                           | 1 2 3 4 5   | €   |
| Allowance for joining the army   | YES<br>NO | €   |                           | 1 2 3 4 5   | €   |
| Placement, resettlement or rehabilitation benefit  | YES<br>NO | €   |                           | 1 2 3 4 5   | €   |
| Other allowances, please specify:  | YES       | €   |                           | 1 2 3 4 5   | €   |

#### PENSIONS

|   | PENSIONS   |                                       |                     |
|---|--|---------------------------------------|---------------------|
| 105. During 2004 did you receive a Exclude purely private pension individual, while include privat  | is that were fully arrang  | , 1 ,                                 | y the               |
| - Yes   |  |                                       | 1 → 106             |
| - No  |  |                                       | 2 → 107             |
| 106. For each of the following old amount you received each models also clarify whether the amount and social contributions, net and tax. | onth and the number on the second interesting | of months. You connect of tax on inco | ould<br>ome         |
|   | N. I   | The pre-mentioned amount is:          | Amount of tax or so |
|   | Number   | 1:Gross                               | contributions       |

|  |           |   |                                    | amount is:  |  |
|--|-----------|---|------------------------------------|---|--|
| PENSIONS   |           | If yes: Please register the<br>monthly amount | Number<br>of<br>months<br>received | 1:Gross 2:Net of tax on income and social contributions 3:Net of tax on income at source 4:Net of social contributions 5: Do not know | Amount of tax or social contributions  If the amount subject to tax and social contributions |
| Old age pension from public sector                                   | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| Supplementary pension from public sector                             | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| Early retirement pension due to resignation                          | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| Care allowance   | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| Parallel pension<br>from private<br>sector (paid by the<br>employer) | YES<br>NO | €   | _ _                                | 1 2 3 4 5   | €  |
| Lump sum due to retirement   | YES<br>NO | €   | <u> _ _ </u>                       | 1 2 3 4 5   | €  |
| National resistance pension  | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| Other pensions, please specify:                                      | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| Office(s) of insura  | ance:     |   |                                    |   | _ <br> _   |

# SURVIVOR'S PENSION AND BENEFITS

| - Yes  |                                      |  |   |   | 1→108   |
|--|--------------------------------------|--|---|---|---|
| 08. For each of th<br>please register t<br>months. You co            | e follo<br>he am<br>uld als<br>ome a | ount you received so clarify whether nd social contribut | ensions ben<br>each month<br>the amount | efits or allowance<br>and the number<br>received was gro  | es,<br>of<br>ss,  |
|  |                                      |  |   | The pre-mentioned amount is:  |   |
| PENSIONS   |                                      | If yes: Please register t<br>monthly amount              | Number he of months received            | 1:Gross 2:Net of tax on income and social contributions 3:Net of tax on income at source 4:Net of social contributions 5: Do not know | Amount of tax or social contributions If the amount subject to tax and social contributions |
| Old age pension from public sector                                   | YES<br>NO                            | €  | <u>   - - </u>                          | 1 2 3 4 5   | €   |
| Supplementary pension from public sector                             | YES<br>NO                            | €  |   | 1 2 3 4 5   | €   |
| Parallel pension<br>from private sector<br>(paid by the<br>employer) | YES<br>NO                            | €  |   | 1 2 3 4 5   | €   |
| Orphans' pension   | YES<br>NO                            | €  |   | 1 2 3 4 5   | €   |
| Pension of war victims   | YES<br>NO                            | €  | ı LLI                                   | 1 2 3 4 5   | €   |
| *Other pensions/benefits, please specify:                            | YES<br>NO                            | €  |   | 1 2 3 4 5   | €   |

#### SICKNESS BENEFITS / ALLOWANCES

| 109. During 2004, did you receive any sickness benefit or allowance?        |
|---|
| (Included are benefits/allowances received due to physical or mental health |
| but NOT these received by disabled persons. Included are paid leaves in     |
| work due to sickness, as well as reimbursement for working accidents and    |

work due to sickness, as well as reimbursement for working accidents and sickness. **Excluded** are allowances paid from private sickness insurances paid for by the individual).

| - Yes | 1→110 |
|-------|-------|
| - No  | 2→111 |

110. For each of the following sickness social benefits or allowances, please register the amount you received each month and the number of months. You could also clarify whether the amount received was gross, net of tax on income and social contributions, net of tax on income, net of social contributions and tax.

| BENEFIT<br>ALLOWANCE                              |           | If yes: Please register the<br>monthly amount | Number<br>of<br>months<br>received | The pre-mentioned amount is:  1:Gross 2:Net of tax on income and social contributions 3:Net of tax on income at source 4:Net of social contributions 5: Do not know | Amount of tax or social contributions  If the amount subject to tax and social contributions |
|---|-----------|---|------------------------------------|---|--|
| *Pay sick leave                                   | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| *Benefit for working accidents                    | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| *Benefit for spa<br>therapy, airing etc.          | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| Assistance for movement of sick persons           | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |
| *Other<br>benefits/allowances,<br>please specify: | YES<br>NO | €   |                                    | 1 2 3 4 5   | €  |

<sup>\*</sup> FOR THE INTERVIEWER: As far as possible, ensure that income from this source is not double counted to the income from salaries.

#### **PENSIONS – INVALIDITY BENEFITS**

| physical or menta   | ability<br>ıl invai                   | receive any benefit / pensions and benefit lidity). Excluded are plant and paid for by the in | ts / allowar<br>purely prive         | nces received due   | to  |
|---|---------------------------------------|---|--------------------------------------|---|---|
| - Yes   |                                       |   |                                      |   | . 1→112   |
| 112. For each of the the amount you could also clarify  | follow<br>receive<br>whete<br>ial con | ving pensions - inva<br>ved each month and<br>ther the amount reco<br>ntributions, net of     | lidity bene<br>the numb<br>eived was | fits, please registory<br>oer of months. Yogross, net of tax o  | er<br>Du<br>On  |
| PENSIONS<br>BENEFITS<br>ALLOWANCES  |                                       | If yes: Please register the<br>monthly amount   | Number<br>of<br>months<br>received   | The pre-mentioned amount is:  1:Gross 2:Net of tax on income and social contributions 3:Net of tax on income at source 4:Net of social contributions 5: Do not know | Amount of tax or social contributions If the amount subject to tax and social contributions |
| Disability pension The disability pension becomes regular old age pension after a certain age | YES<br>NO                             | €   | <u> _ </u>                           | 1 2 3 4 5   | €   |
| Benefit for persons with special needs  | YES<br>NO                             | €   |                                      | 1 2 3 4 5   | €   |
| Care allowance for incapacitated persons  | YES<br>NO                             | €   |                                      | 1 2 3 4 5   | €   |
| Care allowance for incapacitated children   | YES<br>NO                             | €   |                                      | 1 2 3 4 5   | €   |
| Nutrition allowance for people suffering kidney's disease                                     | YES<br>NO                             | €   |                                      | 1 2 3 4 5   | €   |
| *Other benefits/allowances, please specify:   | YES<br>NO                             | €   |                                      | 1 2 3 4 5   | €   |

<sup>\*</sup> FOR THE INTERVIEWER: As far as possible, ensure that income from this source is not double counted to the income from salaries.

#### **EDUCATIONAL ALLOWANCES**

| 113. During 2004, | did you | ı receive any | educational | allowance? |
|-------------------|---------|---------------|-------------|------------|
|                   |         |               |             |            |

**Included** are benefits/allowances received by students, due to their participation in research programs, scholarships, etc. **Excluded** are benefits for training/retraining.

| - Yes | 1→114 |
|-------|-------|
| - No  | 2→115 |

114. For each of the following benefits / allowances, please register the amount you received each month and the number of months. You could also clarify whether the amount received was gross, net of tax on income and social contributions, net of tax on income, net of social contributions and tax.

| BENEFITS<br>ALLOWANCES                                  |           | If yes: Please register the<br>monthly amount | Number<br>of<br>months<br>received | The pre-mentioned amount is:  1:Gross 2:Net of tax on income and social contributions 3:Net of tax on income at source 4:Net of social contributions 5: Do not know | Amount of tax or social contributions If the amount subject to tax and social contributions |
|---|-----------|---|------------------------------------|---|---|
| Benefit received for participation in research programs | YES<br>NO | €   |                                    | 1 2 3 4 5   | €   |
| Scholarships  | YES<br>NO | €   |                                    | 1 2 3 4 5   | €   |
| Other educational benefits/allowances, please specify:  | YES<br>NO | €   | _ _                                | 1 2 3 4 5   | €   |

#### **TAXES ON INCOME**

| 115. In 2004, did you make an income tax return for income year?  | of the previous |
|---|-----------------|
| -Yes  | 117             |
| - Tax return made by another household member   |                 |
| covering my income, as well as his/her own income   | 2→116           |
| - I was not obliged to make tax return  | 3→130           |
| - No tax return made even though I had income   | 4→130           |
| 116. Could you please give me the name of the member who taxed with yours? Please note the person number of t members from the Individual Register. |                 |
| - Name - surname:   | S/n  _ _ →125   |
| 117.Did your tax return include only your personal incomincome of other household members?  |                 |
| - Personal income only  |                 |
| - Other members income, also  | 2→118           |
| 118. Please note the sequence numbers of members whose in included in your tax return.  | ncome has been  |
| - S/n of first member.  |                 |
| - S/n of second member.   |                 |
| 119. Please, register the total amount of tax paid in 2004 deducted at source from 2004 income.   | concerning tax  |
| - Total amount of tax   | €   →121        |
| - Don't know exact amount   | 120             |
| - Didn't pay any tax  | 2→121           |
| 120. Could you please indicate income range for tax paid? - Less than 500 €   | 1               |
| - 500€ up to under 1.000 €  |                 |
| - 1.000€ up to under 3.000 €  |                 |
| - 3.000€ up to under 5.000 €  |                 |
| - 5.000€ up to under 10.000€  | 5               |
| - 10 000 € or more  | 6               |

| - Yes, tax amount €   |             |
|---|-------------|
| - Don't know exact amount   | 1→121a      |
| - Didn't pay any tax  | 2→122       |
| 121a. Could you please indicate income range for tax paid?  |             |
| - Less than 500 €   | 1           |
| - 500€ up to under 1.000 €  | 2           |
| - 1.000€ up to under 3.000 €  | 3           |
| - 3.000€ up to under 5.000 €  | 4           |
| - 5.000€ up to under 10.000€  | 5           |
| - 10.000 € or more  | 6           |
| It is: -Tax deducted at source and the amount was provided in the gross income                          |             |
| It is:  |             |
| components received.  | 1           |
| - Tax deducted at source and the amount was not provided in the gross income components received        | 2           |
| - Tax paid in 2004 with the payment of the tax account concerning income                                | 2           |
| of 2003  -Tax deducted at source and the amount was provided in the gross income                        | 3           |
| components received and tax for income of 2003  | 4           |
| -Tax deducted at source and the amount was not provided in the gross                                    |             |
| income components received <u>and</u> tax for income of 2003  | 5           |
| 123. During 2004, did you pay any supplementary/ additional tax such as fines etc. for all your income? |             |
| - Yes, tax amount €   |             |
| - Do not know   | <b>→124</b> |
| - No  | →125        |

121. During 2004, did you pay any amount for the tax return of 2003

income?

| 124. Could you please indicate the amount of additional tax paid?                                   |                   |
|---|-------------------|
| - Less than 500 €   | 1                 |
| - 500€ up to under 1.000 €  | 2                 |
| - 1.000€ up to under 3.000 €  | 3                 |
| - 3.000€ up to under 5.000 €  | 4                 |
| - 5.000€ up to under 10.000€  | 5                 |
| - 10.000 € or more  | . 6               |
| 125. During 2004, did you have any tax rebate?  Tax may concern income of 2003.                     |                   |
| - Yes   | 1→126             |
| - No  | 2→130             |
| 126. Is this tax rebate in your own name or it also corresponds to other household's members?       |                   |
| - Personal only   | $1\rightarrow128$ |
| - Share with other members.   | 2→127             |
| 127. Which household member received the tax rebate?  Name  |                   |
| Name  | _ _ →130          |
| 128. What was the total amount of tax rebate for income of 2003?                                    |                   |
| - Tax amount  |                   |
| - Do not know the exact amount  |                   |
| 129. Please could you give an approximate range for tax rebate?                                     |                   |
| - Less than 500 €   | 1                 |
| - 500€ to under 1.000 €   | 2                 |
| - 1.000€ to under 3.000 €   | 3                 |
| - 3.000€ to under 5.000 €   | 4                 |
| - 5.000€ to under 10.000€   | 5                 |
| - 10.000 € or more  | 6                 |
| DURATION AND DATE OF INTERVIEW  |                   |
|   |                   |
| 130. FOR THE INTERVIEWER: Please note the time and the date for the completion of the questionnaire |                   |
| Time needed for the completion of interview   |                   |
| Date of interview: Day  _  Month  _  Year   | 2005              |

#### QUEST. 5

**CONFIDENTIAL** 

NATIONAL STATISTICAL SERVICE OF GREECE

**GENERAL DIVISION OF STATISTICS** 

DIVISION OF POPULATION AND LABOUR MARKET STATISTICS UNIT OF HOUSEHOLD SURVEYS

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mchalk@statistics.gr

| HOUSEHOLD ID: |  |
|---------------|--|
| S/N MEMBER :  |  |

NAME/SURNAME :

INTERVIEWER: |\_|\_|

# SURVEY ON INCOME AND LIVING CONDITIONS 2005

Ad hoc Module
INTERGENERATIONAL TRANSMISSION
OF POVERTY

To be filled only for current members born from the year 1939 until the year 1979 (that is 25-65 years old)

The survey is being conducted in a sample of households having been randomly designed by the NSSG. The supply of data is OBLIGATORY and the answers in the questions are CONFIDENTIAL (L.3267/56  $\kappa\alpha$  L.2392/96).

Piraeus, 2005

**FOR THE INTERVIEWER:** From the following questions the ones not referring to a specific date (e.g. year of birth) should be completed for the time period when the interviewee was 14 years old, approximately.

#### **FAMILY DATA**

| 1. | When you were 14 years old (approximately) did you :   |            |
|----|--|------------|
|    | Live with heath manager (regular) footoning and accomplished as more than  |            |
|    | - Live with both parents (natural, foster or anyone you considered as parent)?   | 1          |
|    | - Live with single mother*?  | 2          |
|    | - Live with single father* ? Live with mother and mother's new partner/husband (you didn't consider as   | 3          |
|    | father) ?  | 4          |
|    | <ul> <li>Live with father and father's new partner/wife (you didn't consider as mother)?</li> <li>Live in another private household/ foster home (and didn't consider anyone as</li> </ul> | 5          |
|    | parent)  | 6          |
|    | - Live in a collective household or institution (e.g. orphans' home)   | 7          |
|    | * Father or mother are the persons the interviewee considered to be his/her (natural or not)   |            |
|    |  |            |
| _  | When we are well father have?  |            |
| 2. | When was your father born? -Year of birth  |            |
| 2. | · · · · · · · · · · · · · · · · · · ·  | <br>e else |
| 2. | -Year of birth   | <br>e else |
|    | -Year of birth   | <br>e else |
|    | -Year of birth   _   | <br>e else |
|    | -Year of birth   |            |
|    | -Year of birth   |            |
| 3. | -Year of birth   |            |
| 3. | -Year of birth   |            |

#### **EDUCATIONAL DATA**

For members having answered in Question 2 «I didn't have a father» <u>and</u> in Question 3 «I didn't have a mother» survey ends.

| 5. | Which was the highest educational level that your father had completed when you were, approximately, at the age of 14? | u  |
|----|--|----|
|    | No answer, if in Question 2 the answer is: «I didn't have a father».   |    |
|    | - Never attended any level of education / Few classes of Demotiko  | 0  |
|    | - Demotiko   | 1  |
|    | - Gymnasio   | 2  |
|    | - Lykeio   | 3  |
|    | - Institution for vocational training  | 4  |
|    | - Technological educational institutes   | 5A |
|    | - University, Higher military school   | 5B |
|    | - MSc., MBA  | 5Γ |
|    | - Ph.D   | 6  |
|    |  |    |
| 6. | Which was the highest educational level that your mother had completed when you were, approximately, at the age of 14? | ou |
|    | No answer, if on Question 3 the answer was: «I didn't have a mother».  |    |
|    | - Never attended any level of education / Few classes of Demotiko  | 0  |
|    | - Demotiko   | 1  |
|    | - Gymnasio   | 2  |
|    | - Lykeio   | 3  |
|    | - Institution for vocational training  | 4  |
|    | - Technological educational institutes   | 5A |

- University, Higher military school .....

- MSc., MBA.....

- Ph.D.....

5Г

# **ACTIVITY / OCCUPATION DATA**

| 7. What was your father's main activity when you were at the age of 14, approximately?   |                      |
|--|----------------------|
| No answer, if in Question 2 the answer is: «I didn't have a father».   |                      |
| - Employee   | 01                   |
| - Self-employed  | 02                   |
| - Family worker, unpaid  | 03                   |
| - Unemployed   | 04                   |
| - In retirement or in early retirement   | 05                   |
| - Fulfilling domestic tasks and care responsibilities  | 06                   |
| - Other inactive person, that is   | 07                   |
| 8. Please describe in detail your father's occupation in his last main job.  |                      |
| No answer, if in Question 2 the answer is: «I didn't have a father».  Occupation   *   |                      |
| My father had not ever had a job   |                      |
| * To be filled by the National Statistical Service   |                      |
|  |                      |
| 9. What was your mother's main activity?   |                      |
|  |                      |
| 9. What was your mother's main activity?   | 01                   |
| 9. What was your mother's main activity?  No answer, if in Question 3 the answer is: «I didn't have a mother».   | 01 02                |
| 9. What was your mother's main activity?  No answer, if in Question 3 the answer is: «I didn't have a mother».  - Employee   |                      |
| 9. What was your mother's main activity?  No answer, if in Question 3 the answer is: «I didn't have a mother».  - Employee   | 02                   |
| 9. What was your mother's main activity?  No answer, if in Question 3 the answer is: «I didn't have a mother».  - Employee   | 02                   |
| 9. What was your mother's main activity?  No answer, if in Question 3 the answer is: «I didn't have a mother».  - Employee  - Self-employed.  - Family worker, unpaid.  - Unemployed.  | 02<br>03<br>04       |
| 9. What was your mother's main activity?  No answer, if in Question 3 the answer is: «I didn't have a mother».  - Employee  - Self-employed.  - Family worker, unpaid.  - Unemployed.  - In retirement or in early retirement. | 02<br>03<br>04<br>05 |