

## APPENDIX A2

INCOME  
ESS11-2023

THE ESS DATA ARCHIVE

Edition 4.0

## APPENDIX A2

### INCOME, ESS11-2023 ed. 4.0

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## **Version notes, ESS11 Appendix A2 Income**

ESS11 edition 4.0 (published 19.11.2025):

Changes from previous edition:

Additional countries:

Estonia and Ukraine.

ESS11 edition 3.0 (published 02.06.2025):

Changes from previous edition:

Additional countries:

Bulgaria, Israel, Latvia and Montenegro.

ESS11 edition 2.0 (published 21.11.2024):

Changes from previous edition:

Additional countries:

Belgium, Cyprus, France, Greece, Iceland, Italy, Poland, Portugal, Serbia, Spain and Sweden.

ESS11 edition 1.0 (published 20.06.2024):

Countries included:

Austria, Croatia, Finland, Germany, Hungary, Ireland, Lithuania, Netherlands, Norway, Slovakia, Slovenia, Switzerland and the United Kingdom.

## General information on the ESS income measure

Household income: F41 HINCTNTA

As of ESS4 - 2008 a decile approach has been applied when measuring income in the ESS. The categories in variable HINCTNTA are national and based on deciles of the actual household income range in the given country.

These deciles are derived from different sources. For information on the sources used in specific countries, see item 1 in the country specific report for each country. The median income is the reference point and the 10 deciles are calculated with the median itself at the top of the fifth decile (category F). Minor rounding is applied where necessary. The deciles are documented in national currency. The national currency and exchange rate to Euro (€) are documented in item 3 in the country specific reports.

General setup of the showcard (CARD 80) on income:

### YOUR HOUSEHOLD INCOME

Showcard code	Approximate WEEKLY	Approximate MONTHLY	Approximate ANNUAL	Data file code
<b>J</b>	Less than €xx	Less than €xxx	Less than €xxx	01
<b>R</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	02
<b>C</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	03
<b>M</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	04
<b>F</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	05
<b>S</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	06
<b>K</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	07
<b>P</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	08
<b>D</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	09
<b>H</b>	More than €xx	More than €xxx	More than €xxx	10

## Austria

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>EU-SILC</u>
	<b>X1.2 Year of data source:</b>	<u>2021</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The EU SILC in Austria is based on a household sample representative for the population living in private residences. In 2021, 12,340 subjects were interviewed in 6,018 households, through personal interviews (either CAPI or CATI). The sampling frame is the central register of residents (ZMR).</p> <p>Except of income from self-employment, private pensions, rents, most components of the income data were imputed from register data.</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	<p>hy020,</p> <p>import delimited "M:\ESS-Welle11\Fragebogen\Consultation Income\Daten 2021\Daten\h_silc2021_ext.csv", encoding(UTF-8) clear</p> <p>destring hy020, replace dpcomma</p> <p>pctile HH_Dezile = hy020, nq(10)</p> <p>tab HH_Dezile</p>

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>	<table border="1"> <thead> <tr> <th></th> <th>Source data</th> <th></th> <th>Income deciles</th> </tr> </thead> <tbody> <tr> <td>01</td> <td><u>16,336.71</u></td> <td>J</td> <td><u>less than € 16,300</u></td> </tr> <tr> <td>02</td> <td><u>22,658.44</u></td> <td>R</td> <td><u>€ 16,300 to under € 22,700</u></td> </tr> <tr> <td>03</td> <td><u>28,096.48</u></td> <td>C</td> <td><u>€ 22,700 to under € 28,100</u></td> </tr> <tr> <td>04</td> <td><u>33,458.58</u></td> <td>M</td> <td><u>€ 28,100 to under € 33,500</u></td> </tr> <tr> <td>05</td> <td><u>39,768.98</u></td> <td>F</td> <td><u>€ 33,500 to under € 39,800</u></td> </tr> <tr> <td>06</td> <td><u>46,456.52</u></td> <td>S</td> <td><u>€ 39,800 to under € 46,500</u></td> </tr> <tr> <td>07</td> <td><u>54,096.83</u></td> <td>K</td> <td><u>€ 46,500 to under € 54,100</u></td> </tr> <tr> <td>08</td> <td><u>64,420.21</u></td> <td>P</td> <td><u>€ 54,100 to under € 64,400</u></td> </tr> <tr> <td>09</td> <td><u>81,485.74</u></td> <td>D</td> <td><u>€ 64,400 to under € 81,500</u></td> </tr> <tr> <td>10</td> <td><u></u></td> <td>H</td> <td><u>more than €81,500</u></td> </tr> </tbody> </table>		Source data		Income deciles	01	<u>16,336.71</u>	J	<u>less than € 16,300</u>	02	<u>22,658.44</u>	R	<u>€ 16,300 to under € 22,700</u>	03	<u>28,096.48</u>	C	<u>€ 22,700 to under € 28,100</u>	04	<u>33,458.58</u>	M	<u>€ 28,100 to under € 33,500</u>	05	<u>39,768.98</u>	F	<u>€ 33,500 to under € 39,800</u>	06	<u>46,456.52</u>	S	<u>€ 39,800 to under € 46,500</u>	07	<u>54,096.83</u>	K	<u>€ 46,500 to under € 54,100</u>	08	<u>64,420.21</u>	P	<u>€ 54,100 to under € 64,400</u>	09	<u>81,485.74</u>	D	<u>€ 64,400 to under € 81,500</u>	10	<u></u>	H	<u>more than €81,500</u>
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<i>If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.</i>	<p><b>If yes, please provide the formula for adjustment:</b></p>  <p><b>If no, please give the reason for not adjusting the benchmark data:</b> Data is from 2021, thus there is no need to adjust.</p>
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the income definition used:</b></p>  <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the household definition used:</b></p>
<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b> <i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b> National currency = €</p>

## Belgium

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>EU-SILC</u>
	<b>X1.2 Year of data source:</b>	<u>2022</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input checked="" type="checkbox"/></li> <li>Register data <input type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The European Union Statistics on Income and Living Conditions (EU-SILC) is a household survey covering a broad range of issues in relation to income and living conditions and is an important tool for both the Belgian and European level for mapping social exclusion and poverty. Detailed information regarding the 2022 round of the survey can be obtained from: <a href="https://statbel.fgov.be/nl/themas/huishoudens/armoede-en-levensomstandigheden/plus">https://statbel.fgov.be/nl/themas/huishoudens/armoede-en-levensomstandigheden/plus</a>, and <a href="https://circabc.europa.eu/d/a/workspace/SpacesStore/94141a49-a4a7-48bc-89f7-df858c27d016/Methodological%20guidelines%202022%20operation%20v4.pdf">https://circabc.europa.eu/d/a/workspace/SpacesStore/94141a49-a4a7-48bc-89f7-df858c27d016/Methodological%20guidelines%202022%20operation%20v4.pdf</a></p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	<p>These figures were provided by a government agency in 2023, and are based on the variable HY020 (p.164 in: <a href="https://circabc.europa.eu/d/a/workspace/SpacesStore/94141a49-a4a7-48bc-89f7-df858c27d016/Methodological%20guidelines%202022%20operation%20v4.pdf">https://circabc.europa.eu/d/a/workspace/SpacesStore/94141a49-a4a7-48bc-89f7-df858c27d016/Methodological%20guidelines%202022%20operation%20v4.pdf</a>)</p>

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>	<table border="1"> <thead> <tr> <th></th> <th>Source data</th> <th></th> <th>Income deciles</th> </tr> </thead> <tbody> <tr> <td>01</td> <td><u>,&lt;= 16,280</u></td> <td>J</td> <td><u>&lt;= 16,300</u></td> </tr> <tr> <td>02</td> <td><u>16,280 - 20,535</u></td> <td>R</td> <td><u>16,300 - 20,500</u></td> </tr> <tr> <td>03</td> <td><u>20,535 - 25,481</u></td> <td>C</td> <td><u>20,500 - 25,500</u></td> </tr> <tr> <td>04</td> <td><u>25,481 - 30,951</u></td> <td>M</td> <td><u>25,500 - 31,000</u></td> </tr> <tr> <td>05</td> <td><u>30,951 - 37,954</u></td> <td>F</td> <td><u>31,000 - 38,000</u></td> </tr> <tr> <td>06</td> <td><u>37,954 - 46,393</u></td> <td>S</td> <td><u>38,000 - 46,400</u></td> </tr> <tr> <td>07</td> <td><u>46,393 - 55,730</u></td> <td>K</td> <td><u>46,400 - 55,700</u></td> </tr> <tr> <td>08</td> <td><u>55,730 - 66,316</u></td> <td>P</td> <td><u>55,700 - 66,300</u></td> </tr> <tr> <td>09</td> <td><u>66,316 - 82,001</u></td> <td>D</td> <td><u>66,300 - 82,000</u></td> </tr> <tr> <td>10</td> <td><u>&gt; 82,001</u></td> <td>H</td> <td><u>&gt; 82,000</u></td> </tr> </tbody> </table>		Source data		Income deciles	01	<u>,&lt;= 16,280</u>	J	<u>&lt;= 16,300</u>	02	<u>16,280 - 20,535</u>	R	<u>16,300 - 20,500</u>	03	<u>20,535 - 25,481</u>	C	<u>20,500 - 25,500</u>	04	<u>25,481 - 30,951</u>	M	<u>25,500 - 31,000</u>	05	<u>30,951 - 37,954</u>	F	<u>31,000 - 38,000</u>	06	<u>37,954 - 46,393</u>	S	<u>38,000 - 46,400</u>	07	<u>46,393 - 55,730</u>	K	<u>46,400 - 55,700</u>	08	<u>55,730 - 66,316</u>	P	<u>55,700 - 66,300</u>	09	<u>66,316 - 82,001</u>	D	<u>66,300 - 82,000</u>	10	<u>&gt; 82,001</u>	H	<u>&gt; 82,000</u>
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<p><i>year to which the income figures are adjusted.</i></p>	<p><b>If no, please give the reason for not adjusting the benchmark data:</b></p> <p>Recent data was available + inflation rate was very uncertain for 2023</p>	
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b></p> <p>If no, please give the income definition used:</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
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## Bulgaria

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>Survey of Income and Living Conditions (EU-SILC)</u>
	<b>X1.2 Year of data source:</b>	<u>2021</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The Survey of Income and Living Conditions (EU-SILC) is part of the European Statistical System (ESS) and is conducted in Bulgaria by the National Statistical Institute using a standardized methodology defined by Regulation No. 1177/2003 of the European Parliament and the Council.</p> <p>The EU-SILC target population includes all private households and their members residing in the country during the reference period, excluding individuals in institutional households.</p> <p>All members of the selected households aged 16 and over are surveyed. Households participate in the survey for six consecutive years, with one rotational group replaced each year.</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	<p>HY020 - Total disposable household income</p>

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																													
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<b>If yes, please provide the formula for adjustment:</b>	<p>Adjusted for the first 4 decile groups (some indexation to the 2022 level due to expected social support of the lowest incomes by the state due to inflationary processes as a result of the energy crisis /Ukraine War/ of 2022-2023).</p>																																													

<i>figures are adjusted.</i>	If no, please give the reason for not adjusting the benchmark data:	
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<b>X3 Exchange rate</b>		
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p> <p>1.96 BGN = 1 EUR</p>	

## Croatia

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>Indicators of Poverty and Social Exclusion, Croatian Bureau of Statistics</u>
	<b>X1.2 Year of data source:</b>	<u>2021</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>Used data were collected during the Statistics on Income and Living Conditions survey, which was carried out in 2021 (SILC 2021). The SILC survey is a panel sample survey of randomly chosen private households. The panel sample implies that selected households remain in the sample for four consecutive years and that they are repeatedly interviewed. The sample frame used in 2021 for the selection of dwellings occupied by private households was based on the Census of Population, Households and Dwellings in 2011. The total sample consisted of 11 746 households. The sample selected for 2021 consisted of 8 088 successfully interviewed private households and the response rate at the household level was 72.87%. The implementation of the Survey is in line with EU regulations and Eurostat's methodology for the EU-SILC Survey.</p> <p>Since 2011, Croatian Bureau of Statistics does not report total household income, but only Equivalised Disposable Income (total net household income divided by equivalised adult). So, there is no official and reliable source for total net household income, including its distribution by deciles. In this case, we decided to use deciles of Equivalised Disposable Income and to estimate total net household income using reverse procedure. We estimated average number of equivalised adults and multiplied upper threshold of deciles by that number in order to get estimate of total monthly net household income.</p> <p>The source for Equivalised Disposable Income distribution by deciles is report of Croatian Bureau of Statistics "INDICATORS OF POVERTY AND SOCIAL EXCLUSION".</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																													
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## Cyprus

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<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<p><b>X1.1 Name of data source for income categories:</b> <u>Statistical Service - Cyprus Government</u></p> <p><b>X1.2 Year of data source:</b> <u>2020</u></p> <p><b>X1.3 Type of data</b></p> <ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul> <p><b>X1.4 Description of survey:</b> EU-SILC (reference year 2020)</p> <p><b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b> Statistical Service of Cyprus provided the deciles for Annual Net Household Income based on 2020 (EU-SILC)</p>																																												
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## Estonia

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## Finland

### X1 Data source

*If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity*

**X1.1 Name of data source for income categories:** Survey on Income and living conditions

**X1.2 Year of data source:** 2021

**X1.3 Type of data**

- Sample survey data ☒
- Register data ☐
- Census data ☐

**X1.4 Description of survey:**  
Survey on income and living conditions collects data about Finnish households' income and living conditions. The target population of the income distribution statistics are private households and their members, i.e. the dwelling population in Finland at the end of the statistical reference year (31 December). The survey collects data about, for example, the composition of households, the activities of the household members during the year, housing and housing costs, loans, economic livelihood and health. The data is also supplemented with data from the Finnish Income register. Annually some 10,000 households respond to the survey. In addition, data are derived from administrative registers available to Statistics Finland.

**X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:**  
The data which was used for employees' and self-employed persons' decile groupings was based on national IDS/EU-SILC data (IDS, Income distribution statistics). The personal income components, earned income subject to state taxation, earned and capital income subject to state taxation, disposable monetary income and gross income followed the IDS definitions. For income decile classifications, the persons of the weighted sample were ordered by the income level of each component. The decile points (.10, .20,...,100) of these income distributions were specified for classifying persons to decile groups

### X2 Income deciles

*Source data refers to the original income data **unadjusted** for inflation or wage changes*

*Income deciles refer to the categories as they appear on the showcard*

Source data		Income deciles	
01	Less than 1250 EUR	J	Less than 1250 EUR
02	1 250 - 1 549 EUR	R	1 250 - 1 549 EUR
03	1 550 - 1 899 EUR	C	1 550 - 1 899 EUR
04	1 900 - 2 399 EUR	M	1 900 - 2 399 EUR
05	2 400-2 799 EUR	F	2 400-2 799 EUR
06	2 800-3 399 EUR	S	2 800-3 399 EUR
07	3 400-4 149 EUR	K	3 400-4 149 EUR
08	4 150-5 099 EUR	P	4 150-5 099 EUR
09	5 100-6 499 EUR	D	5 100-6 499 EUR
10	6 500 EUR or more	H	6 500 EUR or more

**X2.2 Frequency table at X2.1 refers to:** Weekly ☐ Monthly ☒ Annual ☐

**X2.3 Are the income figures adjusted to 2023 level?** Yes ☒ No ☐

**If yes, please provide the formula for adjustment:**  
The 2021 decile points are adjusted to 2023 level by multiplying each point with the year-to-year increase (2021Q4 to 2022Q4) of the index of wage and salary earnings of 2.7 percent (hence 1.027). Data source: <https://www.stat.fi/en/statistics/ati>

*If the income figures are adjusted, but not to 2023 levels, please provide the*

<i>formula used and give the year to which the income figures are adjusted.</i>	<p>If no, please give the reason for not adjusting the benchmark data:</p>	
	<p><b>X2.4</b> Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</p> <p>If no, please give the income definition used:</p>  <p><b>X2.5</b> Do the national benchmark data refer to household income for all households, unadjusted for size or type?</p> <p>If no, please give the household definition used:</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>  <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
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## France

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	1) The establishment of deciles are based data from INSEE the survey "IIL-1519: Revenus fiscaux et sociaux (ERFS) - 2019, 2019 (INSEE)" ERFS 2019. The data was ordered from the Quetelet network.
	<b>X1.2 Year of data source:</b>	2019
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input checked="" type="checkbox"/></li> <li>Register data <input type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The survey sample consists of respondents to the Continuous Employment Survey (CES) of the 4th quarter of year N. A match is made with the year's tax sources, i.e., the income tax returns for year N (filled out in March N+1) and the housing tax (as of January 1, N+1) provided to INSEE by the Direction générale des Finances publiques (DGFIP)</p> <p>Variables :</p> <ul style="list-style-type: none"> <li>revdispm (revenu disponible du ménage = « household net income » )</li> <li>wprm (poids final ERFS = « final weight ERFS » )</li> </ul>
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### X2 Income deciles

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<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b>  Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</p>	<p><b>X3.1 Exchange rate</b>  National currency = €</p>

## Germany

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>Microcensus</u>
	<b>X1.2 Year of data source:</b>	<u>2021</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input checked="" type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The Microcensus is an annual household survey of German official statistics and forms the basis for most the official representative statistic in Germany. It is based on a random sample, in which all households have the same chance of getting selected, with a sampling fraction of 1% of the population. Participation in the Microcensus is obligatory. Unit-Nonresponse in the 2021 Microcensus was 17%.</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																													
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	<p><b>If yes, please provide the formula for adjustment:</b></p>   <p><b>If no, please give the reason for not adjusting the benchmark data:</b>          For ESS Round 11 income data from 2021 is used. These were the most recent figures on total HH net income available at the time of preparing the questionnaire.          Even though numbers from the nominal wage index were available for 2022, an adjustment on basis of the index was not implemented, since these numbers refer to income from wages only and do not include all sources of income.</p>
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the income definition used:</b></p>   <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the household definition used:</b></p>   
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## Greece

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## Hungary

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	TÁRKI's quarterly omnibus survey
	<b>X1.2 Year of data source:</b>	2022
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input checked="" type="checkbox"/></li> <li>Register data <input type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	Each quarter TARKI carries out its Omnibus survey with a simple size of 1000 individuals aged 18+. The survey is prepared using personal interviews, applies random selection sampling, and is representative of the Hungarian adult population.
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																													
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<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p> <p>1 EUR = 380 HUF</p> <p>1 HUF = 0.0026 EUR</p>

# Iceland

## X1 Data source

**X1.1 Name of data source for income categories:** Statistics Iceland

**X1.2 Year of data source:** 2021

**X1.3 Type of data**

- Sample survey data ☒
- Register data ☐
- Census data ☐

**X1.4 Description of survey:**  
EU-SILC (Lífskjararannsókn Hagstofunnar) conducted by Statistics Iceland in 2021.

**X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:**  
HY020 - the calculations of the deciles was performed by Statistics Iceland by request.

*If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity*

## X2 Income deciles

Source data refers to the original income data **unadjusted** for inflation or wage changes

Income deciles refer to the categories as they appear on the showcard

### X2.1 Frequency table

Source data		Income deciles	
01	<u>0-222422</u>	J	<u>Less than 379000</u>
02	<u>222422-291126</u>	R	<u>380000 - 459000</u>
03	<u>291126-370769</u>	C	<u>460000 - 569000</u>
04	<u>370769-449364</u>	M	<u>570000 - 709000</u>
05	<u>449364-537385</u>	F	<u>710000 - 819000</u>
06	<u>537385-631440</u>	S	<u>820000 - 969000</u>
07	<u>631440-738115</u>	K	<u>970000 - 1119000</u>
08	<u>738115-877816</u>	P	<u>1120000 - 1309000</u>
09	<u>877816-1098138</u>	D	<u>1310000 - 1659000</u>
10	<u>more than 1098138</u>	H	<u>More than 1660000</u>

**X2.2 Frequency table at X2.1 refers to:** Weekly ☐ Monthly ☒ Annual ☐

**X2.3 Are the income figures adjusted to 2023 level?** Yes ☒ No ☐

**If yes, please provide the formula for adjustment:**

income2023 = income2021 / (Mean wage index 2021) \* (wage index January 2021)

**If no, please give the reason for not adjusting the benchmark data:**

*If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.*

	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the income definition used:</p>  <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the household definition used:</p>
<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p> <p>1 ISK = 0,00664 €</p>

## Ireland

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>Survey on Income and Living Conditions (SILC)</u>
	<b>X1.2 Year of data source:</b>	<u>2022</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The Survey on Income and Living Conditions (SILC) 2022 in Ireland is a household survey covering a broad range of issues in relation to income and living conditions. It is the official source of data on household and individual income and also provides a number of key national poverty indicators, such as the 'at risk of poverty' rate, the consistent poverty rate and rates of enforced deprivation</p>
<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>		
<p>Total disposable household income (nat_dispinc).          *Generating cutpoints for net disposable income          _pctile nat_dispinc [pw = euroweight] if interview_hh==1, nq(10)          ret li          *again, adjust to weekly values by dividing by 52.18          *update by increase in average earnings          *use to round the decile data</p>		

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																													
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<p>The benchmark data from 2022 (most recent data available) was adjusted to 2023 levels using the percentage increase in "average weekly earnings" (4.2%) from Quarter 4 2021 to Quarter 4 2022 (most recent available). The data comes from the Central Statistics Office (CSO) Earnings and Labour Costs Survey.</p>																																														
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<p><i>year to which the income figures are adjusted.</i></p>	<p>If no, please give the reason for not adjusting the benchmark data:</p>
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<p><b>X3 Exchange rate</b></p>	
<p><b>NB! For non Euro currency countries only</b>  <i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b>  National currency = €</p>

## Israel

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	MONTHLY INCOME AND CONSUMPTION EXPENDITURE IN DECILES OF HOUSEHOLDS, BY NET MONEY INCOME PER STANDARD PERSON 2019, Israel Central Bureau of Statistics (Adjusted to January 2023)
	<b>X1.2 Year of data source:</b>	2019
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The Income Survey has been conducted regularly since 1965. The findings below pertain to the income of households in which the head of household worked as an employee, was self-employed or did not work; and also include income from wages of individuals (employees and cooperative members only). The data are based on findings from the last survey, which was conducted during 2007. Until 1984 income was investigated on an annual measurement basis, and the data were processed and presented in the same manner. In the survey conducted in 1985, substantial changes were made in research and processing methods, and since then income has been investigated on a three-month measurement basis and presented as monthly income. In 1995, the income survey population was broadened to include households in Arab urban localities with population of 2,000-9,999. Since 1997, the income estimates have been based on combined income data elicited from two surveys: the Income Survey and the Household Expenditure Survey. The combined survey covers most of the population of Israel, in all types of localities excluding collective moshavim, kibbutzim and Bedouin who live outside localities. During 2000-2001 problems arose in surveying the residents of East Jerusalem; therefore, the data for these years do not include this population.</p> <p>As of 2012, following the transition of the Labour Force Survey from a quarterly survey to a monthly one, the Income Survey was discontinued as part of the Labour Force Survey, i.e., the method of income data collection was changed from two sources to one source. Thus, the Household Expenditure Survey was expanded by about 3,000 households. Improving and expanding the survey also included enlarging the sample by surveying renewed kibbutzim (that have been privatized) and collective moshavim (expanding the coverage of the surveyed population from 95% in previous years to 97%). Additionally, the Arab population sample was strengthened as well, and the level of detail of the data in the survey was increased.</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	

### X2 Income deciles

<p>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</p> <p>Income deciles refer to the categories as they appear on the showcard</p>	X2.1 Frequency table	

<p><i>If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.</i></p>	<p><b>X2.2 Frequency table at X2.1 refers to:</b>      Weekly <input type="checkbox"/>      Monthly <input checked="" type="checkbox"/>      Annual <input type="checkbox"/></p> <p><b>X2.3 Are the income figures adjusted to 2023 level?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If yes, please provide the formula for adjustment:</b>  we used adjusment calculator: <a href="https://www.cbs.gov.il/he/Pages/%D7%9E%D7%97%D7%A9%D7%91%D7%95%D7%9F-%D7%94%D7%A6%D7%9E%D7%93%D7%94-%D7%9C%D7%9E%D7%93%D7%93%D7%99%D7%9D.aspx">https://www.cbs.gov.il/he/Pages/%D7%9E%D7%97%D7%A9%D7%91%D7%95%D7%9F-%D7%94%D7%A6%D7%9E%D7%93%D7%94-%D7%9C%D7%9E%D7%93%D7%93%D7%99%D7%9D.aspx</a></p> <p><b>If no, please give the reason for not adjusting the benchmark data:</b></p>
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the income definition used:</b></p> <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the household definition used:</b></p>
<p><b>X3 Exchange rate</b></p>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b>  National currency = €  4.1 NIS= 1 EURO</p>



# Italy

## X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>EU SILC (Survey on Income and Living Conditions)</u>
	<b>X1.2 Year of data source:</b>	<u>2021 (income 2020)</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input checked="" type="checkbox"/></li> <li>Register data <input type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The EU Survey on Income and Living Conditions (EU-SILC) is an instrument aiming at collecting timely and comparable cross-sectional and longitudinal multidimensional microdata on income, poverty, social exclusion and living conditions. This instrument is anchored in the European Statistical System (ESS). The Italian sample was used to calculate the deciles for the income categories. The sample design is based on a two-stages scheme (municipalities and households).</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	<p>EU_SILC variable: HY020</p> <p>Using the median income as the reference point, 10 deciles should be calculated with the median itself as the top of the fifth decile</p>

## X2 Income deciles

Source data refers to the original income data **unadjusted** for inflation or wage changes

Income deciles refer to the categories as they appear on the showcard

X2.1 Frequency table	
Source data	Income deciles
01 less that 9491	J Less than 9,500
02 From 9491 to 14689	R From 9,500 to 14,500
03 From 14689 to 18729	C From 14,501 to 19,000
04 From 18729 to 22542	M From 19,001 to 22,500
05 From 22542 to 26404	F From 22,501 to 26,500
06 From 26404 to 31205	S From 26,501 to 31,000
07 From 31205 to 37422	K From 31,001 to 38,000
08 From 37422 to 46017	P From 38,001 to 46,500
09 From 46017 to 60989	D From 46,501 to 61,500
10 More than 60989	H More than 61,500

**X2.2 Frequency table at X2.1 refers to:** Weekly ☐ Monthly ☐ Annual ☒

**X2.3 Are the income figures adjusted to 2023 level?** Yes ☒ No ☐

**If yes, please provide the formula for adjustment:**

Income categories are based on 2019 data adjusted to 2023 level according to latest consumer price index (CPI) available:  
unadjustedincome\*cpi

*If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income*

<i>figures are adjusted.</i>	If no, please give the reason for not adjusting the benchmark data:	
	<b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	If no, please give the income definition used:	
	<b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	If no, please give the household definition used:	
<b>X3 Exchange rate</b>		
<b>NB! For non Euro currency countries only</b> Please provide the exchange rate from national currency to Euro at the time of the fieldwork.	<b>X3.1 Exchange rate</b> National currency = €	

## Latvia

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>Survey on Income and Living Conditions (SILC)</u>
	<b>X1.2 Year of data source:</b>	<u>2022</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>We use the latest EU-SILC survey data available for Latvia. Calculations are provided by on request our national statistical office. The latest EU-SILC data for Latvia are available for 2022, so they are not adjusted to 2023 level.</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	<p>Total disposable household income (nat_disperc).</p>

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																														
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	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the income definition used:</b></p>  <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the household definition used:</b></p>
<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p>

# Lithuania

## X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	National data of The Survey on Income and Living Conditions (EU-SILC) (PGS in Lithuanian)
	<b>X1.2 Year of data source:</b>	May 2021 - April 2022
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input checked="" type="checkbox"/></li> <li>Register data <input type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	Net income deciles were derived from a national Lithuanian data of The Survey on Income and Living Conditions (EU-SILC) (PGS in Lithuanian). The survey (16+, no upper age limit) conducted by the Statistics Lithuania: State Data Agency in May 2021 - April 2022. In survey probability sample sample was drawn from National population registries. The sample was stratified based 25 stratas (5 largest cities/municipalities * 10 counties based on urban areas * 10 counties based on rural areas); clusterization during the sampling was not applied. The net sample of 5649 households were realized by carrying out survey based on mixed mode application (internet and face-to-face modes).
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	The full name of income indicator from Statistics Lithuania: State Data Agency website in Lithuanian is: "Bendros namų ūkio disponuojamos* pajamos per mėnesį EUR. Disponuojamosios namų ūkio pajamos – bendrosios namų ūkio pajamos, atskaičius pajamų mokesčių, nuolatinius turto mokesčius, darbuotojų, savarankiškai dirbančių asmenų ir bedarbių (jei taikoma) privalomojo socialinio draudimo įmokas ir reguliarius pervedimus kitiems namų ūkiams."

## X2 Income deciles

<p><i>Source data refers to the original income data unadjusted for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>	<table border="1"> <thead> <tr> <th>Source data</th> <th>Income deciles</th> </tr> </thead> <tbody> <tr> <td>01 379 EUR</td> <td>J &lt;380 EUR</td> </tr> <tr> <td>02 508 EUR</td> <td>R 380-500 EUR</td> </tr> <tr> <td>03 710 EUR</td> <td>C 501-700 EUR</td> </tr> <tr> <td>04 893 EUR</td> <td>M 701-900 EUR</td> </tr> <tr> <td>05 1091 EUR</td> <td>F 901-1100 EUR</td> </tr> <tr> <td>06 1329 EUR</td> <td>S 1101-1350 EUR</td> </tr> <tr> <td>07 1628 EUR</td> <td>K 1351-1650 EUR</td> </tr> <tr> <td>08 2063 EUR</td> <td>P 1651-2050 EUR</td> </tr> <tr> <td>09 2765 EUR</td> <td>D 2051-2750 EUR</td> </tr> <tr> <td>10</td> <td>H &gt;2750 EUR</td> </tr> </tbody> </table>	Source data	Income deciles	01 379 EUR	J <380 EUR	02 508 EUR	R 380-500 EUR	03 710 EUR	C 501-700 EUR	04 893 EUR	M 701-900 EUR	05 1091 EUR	F 901-1100 EUR	06 1329 EUR	S 1101-1350 EUR	07 1628 EUR	K 1351-1650 EUR	08 2063 EUR	P 1651-2050 EUR	09 2765 EUR	D 2051-2750 EUR	10	H >2750 EUR
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<p><i>If the income figures are adjusted, but not to 2023 levels, please provide the</i></p>																								

<i>formula used and give the year to which the income figures are adjusted.</i>	<p><b>If no, please give the reason for not adjusting the benchmark data:</b>          In ESS Round 11, Lithuania constructed the income categories on the basis of sample survey data from 2022. No adjustment to 2023 level was applied.</p>
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the income definition used:</b></p>   <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the household definition used:</b></p>
<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b>          National currency = €          Currency used in Lithuania is the Euro</p>

## Montenegro

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>EU SILC</u>
	<b>X1.2 Year of data source:</b>	<u>2021</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The European Union Statistics on Income and Living Conditions (EU-SILC) is an instrument aiming at collecting timely and comparable cross-sectional and longitudinal multidimensional micro-data on income, poverty, social exclusion and living conditions. The survey provides two types of annual data:</p> <ul style="list-style-type: none"> <li>• <input type="checkbox"/> Data on income, poverty, living conditions in a certain time period (cross-sectional data);</li> <li>• <input type="checkbox"/> Data which refer to individual-level changes over time, continuously observed over a four-year period (longitudinal data).</li> </ul> <p>The main aims of the survey implementation are:</p> <ul style="list-style-type: none"> <li>• <input type="checkbox"/> Production of indicators of relative poverty, inequality and living conditions of citizens of Montenegro;</li> <li>• <input type="checkbox"/> Development of survey in line with the regulations and methodology of EUROSTAT;</li> <li>• <input type="checkbox"/> International data comparison;</li> <li>• <input type="checkbox"/> Improvement of cooperation with other institutions to promote/ensure use of administrative sources (registers) when implementing EU-SILC.</li> </ul> <p>The data collection in the EU-SILC is done by face-to-face method using the paper version of questionnaire (PAPI interview method). A reference population for EU-SILC survey are households and its members residing in the territory of Montenegro at the time of the data collection.</p> <p>Survey units are households at the territory of Montenegro selected by random sample method, as well as all household members aged 16 and over. The framework for the household sample selection is the 2011 Population, Households and Dwellings Census. The household sample is a two-stage sample stratified by region (north, centre, south and Podgorica) and by type of settlement (urban, other), where units of the first stage are enumeration areas, and units of the second stage are households. The annual sample is approx. 5 200 households. Household substitutions are not allowed.</p> <p>The sample follows the rotational scheme, which implies that a certain number of households remain in the sample (i.e. they can be interviewed) for four consecutive years. The total sample for each year is divided into four independent and non-overlapping subsamples – the so-called rotational groups, equal in size and sample design, which represent the whole population. Every year, one rotation group from the previous year is excluded from the sample and a new rotary group is included in the sample.</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	<p>we got this information from national statistical office</p>

### X2 Income deciles

<div>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</div> <div>Income deciles refer to the categories as they appear on the showcard</div>	X2.1 Frequency table	

<p><i>If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.</i></p>	<p><b>X2.2</b> Frequency table at X2.1 refers to:      Weekly <input type="checkbox"/>      Monthly <input checked="" type="checkbox"/>      Annual <input type="checkbox"/></p> <p><b>X2.3</b> Are the income figures adjusted to 2023 level?      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If yes, please provide the formula for adjustment:</p> <p>If no, please give the reason for not adjusting the benchmark data:</p>
	<p><b>X2.4</b> Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the income definition used:</p> <p><b>X2.5</b> Do the national benchmark data refer to household income for all households, unadjusted for size or type?      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the household definition used:</p>
<p><b>X3 Exchange rate</b></p>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1</b> Exchange rate</p> <p>National currency = €</p>



## Netherlands

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	Statistics Netherlands' online open data website Statline (see <a href="https://opendata.cbs.nl/statline/#/CBS/nl/dataset/83934NED/table?dl=7573C">https://opendata.cbs.nl/statline/#/CBS/nl/dataset/83934NED/table?dl=7573C</a> )
	<b>X1.2 Year of data source:</b>	2021
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input type="checkbox"/></li> <li>Register data <input checked="" type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	-
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	-

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																														
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*If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.*

	<p>Data were not adjusted to 2023 levels, because the most recent register data are from 2021. Data on the average increase in income in 2022 and 2023 were not yet available when making the questionnaire. We feared that using approximations for the adjustment would introduce more error than basing our benchmark on data from 2021. Thus, we felt unable to adjust the benchmark data to 2023 level.</p>
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the income definition used:</p>  <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the household definition used:</p>
<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p>

## Norway

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>Statistics Norway's household income statistics</u>
	<b>X1.2 Year of data source:</b>	<u>2022</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input type="checkbox"/></li> <li>• Register data <input checked="" type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																									
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X3 Exchange rate	
<p><b>NB! For non Euro currency countries only</b></p> <p>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p> <p>11.73</p>

## Poland

X1 Data source	
	<p><b>X1.1 Name of data source for income categories:</b> Household Budget Survey (HBS) in 2021.  <u>Statistics Poland, Warsaw 2022</u></p>
	<p><b>X1.2 Year of data source:</b> <u>2021</u></p>
	<p><b>X1.3 Type of data</b></p> <ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<p><b>X1.4 Description of survey:</b></p> <p>The Household Budget Survey is based on the representative method, which allows for the generalization of the results to the whole population of households within a margin of error. The Household Budget Survey is conducted in the field by statistical offices. However, the responsibility for the survey content and coordination lies with the Statistics Poland Social Surveys Department in cooperation with the Statistics Office in Łódź, which specializes in living condition statistics.</p> <p>A household's available income is defined as a sum of the household's current incomes from various sources reduced by prepayments on personal income tax made on behalf of a taxpayer by a tax-remitter (this is the case with income from hired work and social security benefits and other social benefits) by tax on income from property, taxes paid by self-employed persons, including those in free professions and individual farmers and by social security and health insurance premiums. The available income covers both income in cash and in kind, including natural consumption (consumer goods and services taken to satisfy household's needs from self-employment – in and outside farming), and goods and services received free of charge.</p> <p>Available income is allocated to expenditures and savings.</p> <p>The available income includes:</p> <ul style="list-style-type: none"> <li>- income from hired work,</li> <li>- income from a private farm in agriculture,</li> <li>- income from self-employment other than a private farm in agriculture, i.e. self-employed professionals,</li> <li>- income from property,</li> <li>- income from rental of a property or land,</li> <li>- social insurance benefits (of which retirement pensions and pensions),</li> <li>- other social benefits (of which family benefits),</li> <li>- other income (including gifts and alimonies).</li> </ul> <p>The survey unit is a one-person or multi-person household. The adopted sampling scheme was geographically stratified and two-stage, with different selection probabilities at the first stage. The primary sampling units (PSU) were statistical regions or sets of statistical regions, and those for the second stage were dwellings. The first stage sampling frame was based on the records of statistical regions designed for the National Census purposes and updated annually by the changes resulting from the administrative division of the country as well as the construction of new and dismantling old houses.</p> <p>Due to the gradual reduction of the sample size for the Household Budget Survey and the modification of the sampling scheme, in 2021, the Household Budget Survey used two subsamples of different sizes and selected according to a different scheme:</p> <p>In 2021 two subsamples were used, i.e.:</p> <ul style="list-style-type: none"> <li>- subsample 1 – selected in 2019 for the surveys in 2020–2021 and counting 783 PSU (i.e. 18 792 dwellings yearly);</li> <li>- subsample 2 – selected in 2020 for the surveys in 2021–2022 and counting 634 PSU (i.e. 15 216 dwellings yearly).</li> </ul> <p>Prior to sample selection, the primary sampling units were stratified. In first subsample 206 strata were created, in second subsample - 217 strata.</p> <p>The second stage sampling frame was based on the registers of dwellings in the selected primary sampling units, prepared on the base of TERYT. The selection of dwellings was done in accordance with the following rules:</p> <ol style="list-style-type: none"> <li>1. the adopted model is full rotation with a monthly replacement of the sample;</li> <li>2. for each month 2 dwellings per PSU are selected, and all the households from these dwellings participate in the survey;</li> <li>3. every selected dwelling participates in the survey in the same month of the two consecutive years, i.e. 2020 and 2021 for subsample 1 as well as 2021 and 2022 for subsample 2;</li> <li>4. for every dwelling in PSU a reserve sample of dwellings is selected in order to replace dwellings inhabited by households not participating in the survey.</li> </ol> <p>In 2021, the HBS response rate (for the basic sample and the addresses used from the reserve sample) amounted to 24.2. It was planned to achieve the results for the whole year from households inhabiting 34008 dwellings. Due to the limitations caused by the COVID-19 pandemic, the number of households surveyed amounted to approximately 91% of the intended sample size (the actual number of surveyed households was 30867). Therefore, an additional step in weight correction was applied. The weights were divided by the response rate broken down by voivodship and class of locality size (cities 500 thousand and over, cities 200-500 thousand, towns 100-200 thousand, towns 20-100 thousand, towns below 20 thousand, rural areas). The weights were then adjusted by taking into account the structure of households, the number of people in a household (six size groups) and the place of residence (urban or rural area) from the National Census of Population and Housing 2011.</p> <p>Source: "Household budget survey in 2021" Statistics Poland, Warsaw 2022. Available on the webpage: <a href="https://stat.gov.pl/download/gfx/portalinformacyjny/en/defaultaktualnosci/3305/2/17/1/household_budget_survey_in_2021_popr_eng.pdf">https://stat.gov.pl/download/gfx/portalinformacyjny/en/defaultaktualnosci/3305/2/17/1/household_budget_survey_in_2021_popr_eng.pdf</a> (accessed on March 28, 2023). This link provides more detailed information on the sampling, in particular, selection probability at the first stage.</p> <p><b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b></p>
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X2 Income deciles			
<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the</i></p>	<b>X2.1 Frequency table</b>		
	<b>Source data</b>	<b>Income deciles</b>	
	01 1790 PLN or less	J 2100 PLN or less	
	02 between 1791 PLN and 2605 PLN	R between 2101 PLN and 3100 PLN	
	03 between 2606 PLN and 3480 PLN	C between 3101 PLN and 4200 PLN	
	04 between 3481 PLN and 4359 PLN	M between 4201 PLN and 5200 PLN	
	05 between 4360 PLN and 5200 PLN	F between 5201 PLN and 6200 PLN	
	06 between 5201 PLN and 6100 PLN	S between 6201 PLN and 7300 PLN	
	07 between 6101 PLN and 7090 PLN	K between 7301 PLN and 8500 PL	

<i>showcard</i>	08 <u>between 7091 PLN and 8342 PLN</u> 09 <u>between 8343 PLN and 10475 PLN</u> 10 <u>more than 10475 PLN</u>	P <u>between 8501 PLN and 10000 PLN</u> D <u>between 10001 PLN and 12600 PLN</u> H <u>more than 12600 PLN</u>
	<b>X2.2 Frequency table at X2.1 refers to:</b> Weekly <input type="checkbox"/> Monthly <input checked="" type="checkbox"/> Annual <input type="checkbox"/>	
	<b>X2.3 Are the income figures adjusted to 2023 level?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
<i>If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.</i>	<b>If yes, please provide the formula for adjustment:</b> The 2021 HBS data were adjusted to the 2023 level. To estimate changes in household income deciles, we have considered the following information: <ul style="list-style-type: none"> <li>• Average monthly available income for a total of 1 person increased by 9.2% between 2021 and 2022 (Statistics Poland, stat.gov.pl).</li> <li>• At the time of defining the categories of the HINCTNTA variable, data for 2023 were not available.</li> <li>• The average salary in the national economy increased by around 12% between the last quarter of 2021 and 2022 (CSO, stat.gov.pl). As predicted by economists, the rate of inflation was expected to fall in the following months.</li> <li>• Pension valorisation in Poland was 19.3% comparing the beginning of 2021 and 2023.</li> <li>• The minimum salary between 1 January 2021 and July 2023 increased by 28%.</li> <li>• At the time of defining the categories of the HINCTNTA variable, it was not clear whether the amounts of various social benefits would be increased (it turned out that, as of 1 January 2024, the monthly benefit for each child in the family increased from 500 PLN to 800 PLN; the fieldwork in Poland lasted until the end of March 2024; however, most of the interviews were conducted before this change)</li> </ul> On the basis of the above information, we assumed that household incomes would increase by 20% between 2021 and 2023. It was difficult to determine whether this increase would be the same for all decile groups, although it was fairly even between 2021 and 2020. In summary: in defining the categories of the HINCTNTA variable (F41), the 2021 deciles (derived from the HBS data) were increased by 20% and then rounded.	
	<b>If no, please give the reason for not adjusting the benchmark data:</b>	
	<b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	<b>If no, please give the income definition used:</b>	
	<b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	<b>If no, please give the household definition used:</b>	
<b>X3 Exchange rate</b>		
<b>NB! For non Euro currency countries only</b>  <i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i>	<b>X3.1 Exchange rate</b> National currency = €	

# Portugal

## X1 Data source

**X1.1 Name of data source for income categories:** ICOR 2021

**X1.2 Year of data source:** 2020

**X1.3 Type of data**

- Sample survey data ☒
- Register data ☐
- Census data ☐

**X1.4 Description of survey:**  
National survey of living conditions and income in Portugal, Statistics Portugal

**X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:**

*If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity*

## X2 Income deciles

Source data refers to the original income data **unadjusted** for inflation or wage changes

Income deciles refer to the categories as they appear on the showcard

### X2.1 Frequency table

Source data		Income deciles	
01	Less than 6742 euros	J	Less than 7500 euros
02	Between 6743 and 9462 euros	R	Between 7501 and 10500 Euros
03	Between 9463 and 12154 euros	C	Between 10501 and 13500 euros
04	Between 12155 and 15047 euros	M	Between 13501 and 16500 euros
05	Between 15048 and 18270 euros	F	Between 16501 and 20000 euros
06	Between 18271 and 21384 euros	S	Between 20001 and 23500 euros
07	Between 21385 and 25330 euros	K	Between 23501 and 28000 euros
08	Between 25331 and 31254 euros	P	Between 28001 and 34500 euros
09	Between 31255 and 41131 euros	D	Between 34501 and 45000 euros
10	41132 euros or more	H	More than 45000

**X2.2 Frequency table at X2.1 refers to:** Weekly ☐ Monthly ☐ Annual ☒

**X2.3 Are the income figures adjusted to 2023 level?** Yes ☒ No ☐

**If yes, please provide the formula for adjustment:**  
(Power purchase index 2020/21 \* Expected PPI 2021/22)\*(2020 Values) = Adjusted Values 2022

**If no, please give the reason for not adjusting the benchmark data:**

*If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.*



	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the income definition used:</p>  <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the household definition used:</p>
<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p>

# Serbia

## X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	EUROPEAN UNION STATISTICS ON INCOME AND LIVING CONDITIONS (EU-SILC)
	<b>X1.2 Year of data source:</b>	2023
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input checked="" type="checkbox"/></li> <li>Register data <input type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	The European Union Statistics on Income and Living Conditions (EU-SILC) is an instrument aiming at collecting timely and comparable cross-sectional and longitudinal multidimensional microdata on income, poverty, social exclusion and living conditions. This instrument is anchored in the European Statistical System (ESS). <a href="https://ec.europa.eu/eurostat/web/microdata/european-union-statistics-on-income-and-living-conditions">https://ec.europa.eu/eurostat/web/microdata/european-union-statistics-on-income-and-living-conditions</a>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	We have used variable "HY020: Total disposable household income" in EU SILC "h-file" (household database).

## X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																											
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## Slovakia

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>EU-SILC</u>
	<b>X1.2 Year of data source:</b>	<u>2022</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>The European Union Statistics on Income and Living Conditions (EU-SILC) is an instrument aiming at collecting timely and comparable cross-sectional and longitudinal multidimensional microdata on income, poverty, social exclusion and living conditions. This instrument is anchored in the European Statistical System (ESS). Slovak data for ESS Round 11 refer to Household's total income, after tax and compulsory deductions, from all sources and refer to household income for all types of households.</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	<p>The data are based on EU SILC 2022 data. They were delivered from national Statistical office on June 2023.</p>

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																													
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<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p> <p>EURO</p>

## Slovenia

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<p><b>X1.1 Name of data source for income categories:</b></p> <p>Data from Statistical Office of the Republic of Slovenia / Income and Living Conditions (SILC) for 2021 (household income 2020) .</p> <p>SILC is conducted on the basis of information obtained from a survey of living conditions and administrative and registry data for the year preceding the survey.</p> <p>National Statistical Office provides us relevant information in that regard as updated as possible. We checked data on the SILC 2021 data of Household's total net income</p>
	<p><b>X1.2 Year of data source:</b></p> <p>2020</p>
	<p><b>X1.3 Type of data</b></p> <ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input checked="" type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<p><b>X1.4 Description of survey:</b></p> <p>The basis is the raw information of the upper limits of deciles in household income in Slovenia calculated from the Statistics on Income and Living Conditions (SILC) for 2018 and 2020. SILC is conducted on the basis of information obtained from a survey of living conditions and administrative and registry data for the year preceding the survey. Households were classified in deciles according to the size of their annual disposable income. Monthly fee = annual amount / 12t</p>
	<p><b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b></p> <p>SILC 2021 (household income 2020)</p>

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<p><b>X2.1 Frequency table</b></p> <table border="1"> <thead> <tr> <th colspan="2">Source data</th> <th colspan="2">Income deciles</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>748 (upper limit of the decile in EUR)</td> <td>J</td> <td>800 (upper limit of the decile in EUR)</td> </tr> <tr> <td>02</td> <td>1045</td> <td>R</td> <td>1100</td> </tr> <tr> <td>03</td> <td>1349</td> <td>C</td> <td>1400</td> </tr> <tr> <td>04</td> <td>1675</td> <td>M</td> <td>1750</td> </tr> <tr> <td>05</td> <td>2028</td> <td>F</td> <td>2100</td> </tr> <tr> <td>06</td> <td>2379</td> <td>S</td> <td>2450</td> </tr> <tr> <td>07</td> <td>2761</td> <td>K</td> <td>2850</td> </tr> <tr> <td>08</td> <td>3236</td> <td>P</td> <td>3300</td> </tr> <tr> <td>09</td> <td>4000</td> <td>D</td> <td>4100</td> </tr> <tr> <td>10</td> <td>4000+</td> <td>H</td> <td>above 4100</td> </tr> </tbody> </table>		Source data		Income deciles		01	748 (upper limit of the decile in EUR)	J	800 (upper limit of the decile in EUR)	02	1045	R	1100	03	1349	C	1400	04	1675	M	1750	05	2028	F	2100	06	2379	S	2450	07	2761	K	2850	08	3236	P	3300	09	4000	D	4100	10	4000+	H	above 4100
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## Spain

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	EU-SILC
	<b>X1.2 Year of data source:</b>	2022
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input checked="" type="checkbox"/></li> <li>Register data <input type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>This survey is conducted by the National Statistics Institute (INE). It provides annual information household and individuals' living conditions All the methodological details can be found here:  <a href="http://www.ine.es/en/daco/daco42/condivi/ecv_metodo_en.pdf">http://www.ine.es/en/daco/daco42/condivi/ecv_metodo_en.pdf</a></p>
<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible, the syntax used to derive deciles:</b>		
Variable used is HY020		

### X2 Income deciles

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<b>X2.3 Are the income figures adjusted to 2023 level?</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																	
<b>If yes, please provide the formula for adjustment:</b>	Data from 2022 survey were adjusted to the 2023 level using the Consumer Price Index.																																	
<b>If no, please give the reason for not adjusting the benchmark data:</b>																																		



	<p><b>X2.4</b> Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the income definition used:</p>  <p><b>X2.5</b> Do the national benchmark data refer to household income for all households, unadjusted for size or type?      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the household definition used:</p>
<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p>

## Sweden

### X1 Data source

*If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity*

**X1.1 Name of data source for income categories:** Statistics Sweden

**X1.2 Year of data source:** 2020

**X1.3 Type of data**

- Sample survey data ☐
- Register data ☒
- Census data ☐

**X1.4 Description of survey:**

**X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:**

### X2 Income deciles

*Source data refers to the original income data **unadjusted** for inflation or wage changes*

*Income deciles refer to the categories as they appear on the showcard*

**X2.1 Frequency table**

	Source data		Income deciles
01	<u>0-12992</u>	J	<u>-12999</u>
02	<u>12993-16500</u>	R	<u>1300-16999</u>
03	<u>16501-21917</u>	C	<u>17000-21999</u>
04	<u>21918-26642</u>	M	<u>22000-26999</u>
05	<u>26643-32175</u>	F	<u>27000-31999</u>
06	<u>32176-39417</u>	S	<u>32000-38999</u>
07	<u>39418-47767</u>	K	<u>39000-47999</u>
08	<u>47768-57300</u>	P	<u>48000-56999</u>
09	<u>57301-72725</u>	D	<u>57000-72999</u>
10	<u>72726-</u>	H	<u>73000-</u>

**X2.2 Frequency table at X2.1 refers to:** Weekly ☐ Monthly ☒ Annual ☐

**X2.3 Are the income figures adjusted to 2023 level?** Yes ☐ No ☒

**If yes, please provide the formula for adjustment:**

**If no, please give the reason for not adjusting the benchmark data:**  
Data is from 2020

*If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.*

	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the income definition used:</p>  <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>If no, please give the household definition used:</p>
<b>X3 Exchange rate</b>	
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p> <p>0.09</p>

## Switzerland

### X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<b>X1.1 Name of data source for income categories:</b>	<u>EU-SILC</u>
	<b>X1.2 Year of data source:</b>	<u>SILC20</u>
	<b>X1.3 Type of data</b>	<ul style="list-style-type: none"> <li>Sample survey data <input checked="" type="checkbox"/></li> <li>Register data <input type="checkbox"/></li> <li>Census data <input type="checkbox"/></li> </ul>
	<b>X1.4 Description of survey:</b>	<p>SILC (Statistics on Income and Living Conditions) is a representative survey of households in Switzerland. This instrument aims at studying poverty, social exclusion and living conditions on the basis of indicators that are comparable at the European level. This yearly survey (from January to June) is carried out through telephone interviews (CATI). The persons who participate in the survey are interviewed for several years. This setting aims at describing the important stages in individual trajectories and at studying changes in living conditions.</p> <p>The FSO carries out a random sample register to conduct household surveys. This draws mainly from official cantonal and communal population registers. In order to make contact, the sample was completed as much as possible with telephone numbers that must be provided to the FSO by telephone providers. This list contains all private telephone connections, including those that do not appear in the publicly available telephone directory.</p>
	<b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b>	

### X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<b>X2.1 Frequency table</b>																																													
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*If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the*

<p><i>year to which the income figures are adjusted.</i></p>	<p><b>If no, please give the reason for not adjusting the benchmark data:</b></p> <p>There is no sense in adjusting 2020 data to the 2020 level. You most likely mean 2023.</p> <p>In exchange with the Statistical Office (SILC data), we agreed not to provide adjusted numbers as salaries in Switzerland are still very stable (inflation was max at 3% and salaries were increased here and there but not systematically). We have again analysed the changes over the last years and they are totally imprevisible, thus, an overall adjustment would just add bias. Furthermore, the confidence intervals of the estimates will be bigger than the adjustment of approximately 1-3%. Also, the estimate for the change of salaries includes only the employed, not the independent workers and it would be based on an estimate for 2023 based on information on the first quarter of 2023. A big issue here is that the deciles are not a direct function of changes in individual incomes. It is a societal issue and with the immigration we currently have in Switzerland, the deciles reflect rather changes in the employment structure and immigration than the actual change of individuals.</p>	
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input checked="" type="checkbox"/></p> <p><b>If no, please give the income definition used:</b></p> <p>In principle, yes, the data refer to household's total income after tax and compulsory deductions. However, with the caveat that "after tax" means mainly after compulsory deductions only, as in Switzerland, taxes are based on wealth, income etc. of two years before more or less, and people do not know their income after taxes. On the other hand, what might be counted as tax in other countries, is in Switzerland based on insurance models which will be deducted as it is automatically deducted from salaries (or not even visible as employers pay it).</p> <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the household definition used:</b></p>	
<p><b>X3 Exchange rate</b></p>		
<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p> <p>1€=0.99 CHF at start of fieldwork; 1€=0.93 at the end of t fieldwork</p>	

# Ukraine

## X1 Data source

<p><i>If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity</i></p>	<p><b>X1.1 Name of data source for income categories:</b> Document of the State Statistics Committee of Ukraine "Expenditure and resources of households of Ukraine in 2021 year (according to a sample survey of living conditions of households in Ukraine)"</p> <p>(  <a href="https://www.ukrstat.gov.ua/druk/publicat/kat_u/2022/zb/07/zb_vrd_21.pdf">https://www.ukrstat.gov.ua/druk/publicat/kat_u/2022/zb/07/zb_vrd_21.pdf</a>          ). Lines "Money income" and "Average equivalent household size (persons)" in table Tabl.VI.55. on page 279.</p>
	<p><b>X1.2 Year of data source:</b> <u>2021</u></p>
	<p><b>X1.3 Type of data</b></p> <ul style="list-style-type: none"> <li>• Sample survey data <input checked="" type="checkbox"/></li> <li>• Register data <input type="checkbox"/></li> <li>• Census data <input type="checkbox"/></li> </ul>
	<p><b>X1.4 Description of survey:</b></p> <p>A sampling survey of household living conditions in 2021 was conducted by the State Statistics Committee of Ukraine. The population is the entire set of households in Ukraine. The sample was stratified (regions, urban/rural) and three-stage (settlement, polling station, household). The sample size was 12,148 households. The results were weighted to represent the entire population.</p>
	<p><b>X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:</b></p>

## X2 Income deciles

<p><i>Source data refers to the original income data <b>unadjusted</b> for inflation or wage changes</i></p> <p><i>Income deciles refer to the categories as they appear on the showcard</i></p>	<p><b>X2.1 Frequency table</b></p> <table border="1"> <thead> <tr> <th>Source data</th> <th></th> <th>Income deciles</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>J</td> <td>10800 UAH or less</td> </tr> <tr> <td>02</td> <td>R</td> <td>1081-15500 UAH</td> </tr> <tr> <td>03</td> <td>C</td> <td>15501-18400 UAH</td> </tr> <tr> <td>04</td> <td>M</td> <td>18401-23100 UAH</td> </tr> <tr> <td>05</td> <td>F</td> <td>23101-26200 UAH</td> </tr> <tr> <td>06</td> <td>S</td> <td>26201-29100 UAH</td> </tr> <tr> <td>07</td> <td>K</td> <td>29101-33700 UAH</td> </tr> <tr> <td>08</td> <td>P</td> <td>33701-36300 UAH</td> </tr> <tr> <td>09</td> <td>D</td> <td>36301-42100 UAH</td> </tr> <tr> <td>10</td> <td>H</td> <td>more than 42100</td> </tr> </tbody> </table>	Source data		Income deciles	01	J	10800 UAH or less	02	R	1081-15500 UAH	03	C	15501-18400 UAH	04	M	18401-23100 UAH	05	F	23101-26200 UAH	06	S	26201-29100 UAH	07	K	29101-33700 UAH	08	P	33701-36300 UAH	09	D	36301-42100 UAH	10	H	more than 42100
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<p><i>used and give the year to which the income figures are adjusted.</i></p>	<p><b>If no, please give the reason for not adjusting the benchmark data:</b>          Because fieldwork of survey, that we used for calculation of deciles, was done in 2021</p>
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the income definition used:</b></p>  <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the household definition used:</b></p>
<p><b>X3 Exchange rate</b></p>	
<p><b>NB! For non Euro currency countries only</b>   <i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b>          National currency = €          44 UAH = 1 Euro</p>

## United Kingdom

### X1 Data source

**X1.1 Name of data source for income categories:** Family Resources Survey

**X1.2 Year of data source:** 2020/21

**X1.3 Type of data**

- Sample survey data ☒
- Register data ☐
- Census data ☐

**X1.4 Description of survey:**

The FRS is a continuous annual survey of households in Great Britain and Northern Ireland. The survey is funded by the Department for Work and Pensions and produces National statistics on income.

The sample is drawn from the Postal Address File (PAF).

**X1.5 If data source is EU-SILC, please name the variable(s) used and if possible the syntax used to derive deciles:**

*If data source is a sample survey, give a short description of the sampling design, addressing the following keywords: population coverage, sampling frame, initial units (households, individuals), net sample size, representativity*

### X2 Income deciles

**X2.1 Frequency table**

**Source data**

01	<u>Up to £242 per week</u>
02	<u>£242 to £333 per week</u>
03	<u>£330 to £412 per week</u>
04	<u>£412 to £490 per week</u>
05	<u>£490 to £588 per week</u>
06	<u>£588 to £691 per week</u>
07	<u>£691 to £816 per week</u>
08	<u>£816 to £1,005 per week</u>
09	<u>£1,005 to £1,303 per week</u>
10	<u>£1,303 or more</u>

**Income deciles**

J	<u>Up to £278 per week</u>
R	<u>£278 to under £380 per week</u>
C	<u>£380 to under £474 per week</u>
M	<u>£474 to under £564 per week</u>
F	<u>£564 to under £676 per week</u>
S	<u>£676 to under £795 per week</u>
K	<u>£795 to under £938 per week</u>
P	<u>£938 to under £1,156 per week</u>
D	<u>£1,156 to under £1,498 per week</u>
H	<u>£1,498 or more (equivalent amounts for month &amp; year on all categories)</u>

*Source data refers to the original income data **unadjusted** for inflation or wage changes*

*Income deciles refer to the categories as they appear on the showcard*

**X2.2 Frequency table at X2.1 refers to:** Weekly ☒ Monthly ☐ Annual ☐

**X2.3 Are the income figures adjusted to 2023 level?** Yes ☒ No ☐

**If yes, please provide the formula for adjustment:**

Please note typo in question above - should say updated to 2022 level

The most recent FRS income data available is from 2020/21. This was collected between April 2020 and March 2021 i.e. with a mid-point of October 2020 and during a year when incomes were disrupted due to the Covid19 pandemic. ESS R11 fieldwork period will be between May 2023 to November 2023. We will therefore update the FRS income data for a two and three-quarter year period using average earnings data.

We have used the average earnings index KAB9 weekly total earnings (including bonuses). We have compared how the level has increased since 2020. In order to smooth out any monthly variations in the index, particularly due to the impact of the Covid-19, we have taken the average growth in the index in 12 month periods between October 2020 and December 2022, when the most recent data are available- earnings growth has averaged 5.8% per year. On that basis, total growth over a 2.75 period from October 2020

*If the income figures are adjusted, but not to 2023 levels, please provide the formula used and give the year to which the income figures are adjusted.*



	<p>might be expected to be 16.8%.</p> <p>We have also reviewed data on growth in household income from all sources, although this is only available up to March 2022. Household income data only grew by a small amount (2% to March 2021 and 0% to March 2022). During that time earnings growth was higher at around 5% annual growth. Since then, earnings growth has accelerated and we expect this to continue in coming months as the cost of living crisis drives up pay awards.</p> <p>On the basis that overall income growth might be a little lower than earnings growth, we propose to uprate the 2020-21 FRS data by 15% to produce the income thresholds for the Round 11 survey. This represents a considerably greater uprating than has been applied to raw data than for previous rounds.</p> <p><b>If no, please give the reason for not adjusting the benchmark data:</b></p>
	<p><b>X2.4 Do the national benchmark data refer to the household's total income, after tax and compulsory deductions, from all sources?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the income definition used:</b></p>  <p><b>X2.5 Do the national benchmark data refer to household income for all households, unadjusted for size or type?</b>      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p><b>If no, please give the household definition used:</b></p>
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<p><b>NB! For non Euro currency countries only</b></p> <p><i>Please provide the exchange rate from national currency to Euro at the time of the fieldwork.</i></p>	<p><b>X3.1 Exchange rate</b></p> <p>National currency = €</p> <p>1st September 2023 £1= 1.17 Euros</p>