

**Environmental Protection Expenditure Accounts**  
**2019 Data collection**  
**Quality Report**

	Concept Name	Quality information	Country Reply
<b>1</b>	<b>Contact</b>		
	Country name	Country name	Czech Republic
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<b>2</b>	<b>Statistical presentation</b>		
	Time coverage	Do you have estimates available for additional years besides those transmitted to Eurostat?	No
<b>3</b>	<b>Statistical processing</b>		
	Source data - an overview	Please provide an overview of the data sources used to produce the EPEA data. Please indicate whether you use: a dedicated survey (who are respondents, what is its frequency?), administrative data (e.g. tax records, business register data), national accounts data (which dataset?), SBS (which variables?), other environmental accounts (EGSS), other statistics (specify). Please specify by EPEA table (please see the headings below) and CEPA category.	Survey ŽP 1-01 on environmental expenditure (frequency 1 year, respondents are enterprises with 50 and more employees and NACE 01-36, 49,51,52,58), national accounts data - detailed COFOG tables, sectoral accounts by NACE, SUT, THFK by sector and NACE, non-produced non-financial assets by sector and NACE
	Detailed questions on source data and compilation methods	<p><b>Table 1) General government and NPISH:</b></p> <p>Do you base your compilation on COFOG function 05 data? If yes, what adjustments do you undertake? Do you complement the COFOG 05 data with other COFOG functions data and with data for NPISH? How?</p> <p>How do you estimate i) market output and output for own-final use and ii) non-market output?</p> <p><b>Table 2) Corporations as specialist and secondary producers of market EP services:</b></p> <p>Do you base your compilation on the data from the national accounts supply table? If yes how do you separate corporations' and general government's market output?</p> <p>Do you include output for own final use of corporations and households?</p> <p><b>Table 3) Corporations other:</b></p> <p>Do you base your compilation on the structural business statistics (SBS)? If not, what is your main source for compilation of the data requested in this EPEA table?</p> <p>How do you estimate ancillary output?</p> <p><b>Table 4) Total supply of environmental protection services:</b></p> <p>i) How do you estimate exports and imports of EP services?  ii) Please indicate whether you are in a position to compile the data on exports and imports for all EP services. If no, please specify the EP services not covered in your compilation and explain the reasons.</p> <p>How do you estimate VAT and other taxes less subsidies on EP services?</p> <p>Do you undertake balancing adjustments? If yes, under which transactions and CEPA category they are recorded?</p> <p><b>Table 5) Households final consumption:</b></p> <p>For CEPA 2 and 3, do you base your compilation on the national accounts use table?</p> <p>Do you estimate data for other CEPA classes? If yes, what approach do you follow?</p> <p>What methods do you use to measure final consumption of adapted and connected products?</p>	<p>We base our compilation on COFOG function 05 data, no adjustment, complemented with data for NPISH (detailed data for sector NPISH and NACE 37,38,39)</p> <p>Market output, output for own-final use and non-market output are explicitly listed in the source tables (national accounts data - detailed COFOG tables), no estimations</p> <p>We base our compilation on the national accounts supply table. We deduct general government's output of NACE 37, 38, 39. We suppose that general government's output in COFOG 05 is mostly in NACE 84</p> <p>Output for own final use is a part of production in supply table, so this output is included.</p> <p>SBS and EPEA are based on the Survey ŽP 1-01 on environmental protection expenditure (frequency 1 year, respondents are enterprises with 50 and more employees and NACE 01-36, 49,51,52,58), data for EPEA are the same as data for SBS</p> <p>There is the indicator named internal expenditure for environmental protection in the Survey ŽP 1-01. It is the sum of personal costs, material and energy consumption, repairs and maintenance, other costs associated with environmental protection, research and development.</p> <p>i) Exports and imports are estimated as imports and exports in NACE 37,38,39 in SUT  ii) We suppose, that all exports and imports in NACE 37,38,39 are covered in SUT</p> <p>VAT and other taxes less subsidies are estimated as VAT and other taxes less subsidies in NACE 37,38,39 in SUT</p> <p>We do not undertake any balancing adjustment</p> <p>Yes</p> <p>Only CEPA NACE 39, source - SUT</p> <p>No methods</p>

		<b>Table 6) Transfers:</b> Do you consolidate all types of transfers within GG and NPISH sectors and between the two sectors?	Yes
		How do you compile data on subsidies on specific EP goods and cleaner EP products?	Only EP goods and products classified in COFOG 05 are covered.
		<b>Table 7) Total CEPA:</b> <b>NEEP:</b> please comment on major missing components or/and double-counting cases (if any); e.g., uses of some EP services recorded in the value of GFCF of specialist producers?	We suppose no missing components, no double counting cases
		Do you follow a different approach to calculate a NEEP aggregate than the automatic proxy calculation in the questionnaire sheet 7.3? If yes, please describe the method followed.	No
		Are there any pending classification or measurement issues? If yes, please specify.	No
	Data validation	i) Do you check the quality of the data collected to compile EPEA? Do you compare different data sources or perform other checks? If yes, specify. ii) Do you have validation rules and plausibility checks for the outputs of your EPEA data compilation? If yes, please briefly describe.	i) No ii) No
<b>4</b>	<b>Relevance</b>		
	User Needs	Please add references to the use and relevance of EPEA at national level e.g. main users, national indicator sets, quantitative policy targets etc.	No special national usage
	User Satisfaction	Does the EPEA produced for transmission to Eurostat satisfy the needs of national users?	No special national usage
<b>5</b>	<b>Accuracy and reliability</b>		
	Accuracy - overall	How do you ensure a high level of accuracy for the data reported? For which items would you assume a lower data quality? Which steps are planned to improve the data quality?	When compiling the EPEA, we primarily draw on the already validated national accounts and SBS data, for which we assume sufficiently high accuracy.
	Data revision - policy	i) Have you in this data transmission revised the data previously validated by Eurostat? If yes, please indicate the reasons and average size of revisions. ii) Please describe the revision policy for EPEA data (if any).	i) We revised data taken from national accounts statistics, because of NA statistics deadlines - preliminary data, semidefinite data and definitive data. ii) The revision policy for EPEA data is in conformity with revision policy for NA data - GG - COFOG tables, secondary producers, households, taxes, exports, imports - SUT.
	Completeness	i) Please report on progress in ensuring compliance with the reporting obligations under Regulation 691/2011. ii) Are there plans to start compilation and transmission of data on missing voluntary EPEA reporting categories?	i) We suppose full compliance with the reporting obligations under Regulation 691/2011. ii) No plans to start compilation and transmission of data on missing voluntary EPEA reporting categories

<b>6</b>	<b>Timeliness and punctuality</b>		
	Timeliness	<p>i) How many months/years after the reference period are first EPEA results calculated?</p> <p>ii) How many months/years after the reference period are final EPEA results available?</p> <p>iii) By when are the results disseminated nationally/ provided to data users at a national level?</p>	<p>Due to a few different data sources, availability of source data are not the same for individual tables. Table 1: preliminary data are available in time T+12, semidefinite T+24. Because of the same deadlines (COFOG X EPEA) we have to use T+12 data for EPEA compilation in time T+24 (obligatory transmission). Table 2,4,5: preliminary data are available in time T+6, semidefinite T+18, definitive T+30. Tables 3:T+9 definitive data.</p> <p>i) The whole EPEA: T+24</p> <p>ii) The whole EPEA: T+36</p> <p>iii) Until now we have disseminated only data based on the survey ŽP 1-01 in time T+9</p>
<b>7</b>	<b>Coherence and comparability</b>		
	Comparability - over time	Please indicate breaks in series and reasons for them e.g. changes of methodology.	No breaks
	Coherence - cross domain	How do you ensure coherence of EPEA results with EGSS?	Till now we have not ensured coherence EGSS and EPEA
	Coherence - National Accounts	Do you have procedures in place to ensure coherence of EPEA results with NA (COFOG, SUT, sector accounts)?	Data on EPEA are based on NA data, so we suppose full coherence
	Coherence - internal	Are you aware of any consistency problems within the EPEA dataset or of major deviations from the accounting rules for a specific variable?	No

<b>8</b>	<b>Accessibility and clarity</b>		
	Publications	Do you disseminate EPEA data nationally? Do you have news releases or publications on EPEA? If yes, please provide references.	We disseminate the publication Environmental protection expenditure, but it is planned to change it in compliance with EPEA
	Online database	If you publish EPEA data, please provide URL. Do you publish the data with the same level of detail as Eurostat?	Until now no publishing, we are planning to publish EPEA data after Eurostat validation at URL: <a href="https://www.czso.cz/csu/czso/environmental-accounts">https://www.czso.cz/csu/czso/environmental-accounts</a> . Data will be published in less detailed form than data sent to Eurostat
	Documentation on methodology	Do you have a description of your national EPEA methodology or metadata? If yes, please provide it.	No
	Quality documentation	Do you have national quality documentation? If yes, please provide it.	No
<b>9</b>	<b>Cost and Burden</b>	How many full-time equivalents work in the production of EPEA?	1 month (only compilation), but outputs from NA and production process of questionnaire ZP 1-01 are not included
<b>10</b>	<b>Confidentiality</b>		
	Confidentiality - policy	What are your national rules to define confidentiality for tabulated data? Are there any dataset-specific rules? If yes, specify.	General rules for non confidential data: an aggregation of 3 or more entities, the share of the highest value does not exceed 85% of the total. No dataset-specific rules.
			No comments
<b>11</b>	<b>Comment</b>	Please provide any other comments you might have on the quality of the data transmitted to Eurostat, data sources used, compilation methods. Here you might also provide some quality caveats relating to specific EPEA variables, CEPA or NACE categories.	