Statistical activity code: 20205

Questionnaire manual: Production and trade of energy, consumption of fuels

Questionnaire code: 10272021   Submitted in: By 10th date after the end of the reporting month

Periodicity: Monthly

Statistics Estonia guarantees the full protection of data submitted

eSTAT (https://estat.stat.ee/) is for data submission.

Please make sure that you enter data in the correct cell. If you enter alphabetical characters in a number field, a corresponding error message is displayed. In the case of some fields, logic (arithmetic) checks have been applied to prevent data entry mistakes. If there is a conflict in the entered data or they conflict with pre-filled data, an error message appears when the table is checked. In the case of errors, review the data carefully and make corrections.
After correcting the data, save changes and check the questionnaire again. If there are no more mistakes, confirm and submit the data by clicking "Confirm" on the last page of the questionnaire. You will be displayed a message that the data have been submitted successfully. If you have any questions, please contact Statistics Estonia's customer service either by phone at +372 625 9300 (Mon–Thu 8:30–16:30, Fri 8:30–15:30) or by e-mail at klienditugi@stat.ee.

Accuracy of the data ensures truthfulness of statistical information.

DATA COLLECTED WITH THE QUESTIONNAIRE

Table 1.1. PRODUCTION AND TRADE OF ELECTRICITY, integers

Cost of electricity sold in national market for final consumption, VAT excluded, euros, integers. Cost includes fixed fees, capacity and network charges, renewable energy fees, excise tax, and does not include charges for reactive power.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
1 / 1	Electricity: total production - quantity	EN_M_1_1_1	Total quantity of electricity generation, incl. own use by power plants, MWh (integers). Total of all types of electricity.	Positive real number (0,3)	
11 / 1	Hydro energy: total production of electricity from hydro energy – quantity	ELJ_4_37_5	Total quantity of electricity generation from hydro energy, incl. own use by power plants, MWh.	Positive real number (0,3)	
12 / 1	Wind energy: total electricity production from wind energy – quantity	ELJ_4_38_5	Total quantity of electricity generation from wind energy, incl. own use by power plants, MWh.	Positive real number (0,3)	
13 / 1	Solar energy: gross generation of solar energy – quantity	ELJ_4_P_5	Total electricity produced from solar energy, incl. own consumption by power plants, MWh (integers).	Positive real number (0,3)	
21 / 1	Electricity: sold to Eesti Energia – quantity	EN_M_1_21_1	Quantity of electricity sold to Eesti Energia, MWh (integers).	Positive real number (0,3)	
21 / 2	Electricity: sold to Eesti Energia – cost	EN_M_1_21_2	Cost of electricity sold to Eesti Energia, euros (integers).	Positive integer	
22 / 1	Electricity: sold to other dealers – quantity	EN_M_1_22_1	Quantity of electricity sold to other dealers, MWh (integers).	Positive real number (0,3)	
22 / 2	Electricity: sold to other dealers – cost	EN_M_1_22_2	Cost of electricity sold to other dealers, euros (integers).	Positive integer	
23 / 1	Electricity: sold to enterprises and institutions for final consumption – quantity	EN_1_8_1	Electricity sold to enterprises for final consumption, MWh (integers).	Positive real number (0,3)	

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23 / 2	Electricity: sold to enterprises and institutions for final consumption – cost	EN_1_8_2	Cost of electricity sold to enterprises for final consumption, euros (integers).	Positive integer	
24 / 1	Electricity: sold to households – quantity	EN_1_9_1	Electricity sold to households for final consumption, MWh (integers). Electricity sold to households, incl. housing and apartment associations, real estate management firms etc. where final consumers of electricity are households.	Positive real number (0,3)	
24 / 2	Electricity: sold to households – cost	EN_1_9_2	Cost of electricity sold to households for final consumption, euro (integers). Electricity sold to households, incl. housing and apartment associations, real estate management firms etc. where final consumers of electricity are households.	Positive integer	

Table 1.2. PRODUCTION OF HEAT, integers

If heat quantities have not been measured, they can be calculated by multiplying the fuel quantities by calorific value (see https://www.stat.ee/dokumendid/2017087) and efficiency of the boiler. Average efficiency of a boiler for solid fuels 0.7, for liquid fuels 0.8, for gas-fired boilers 0.9.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
5 / 1	Heat: total production – quantity	EN_M_1_5_1	Total quantity of heat generation, MWh (integers).	Positive integer	
6 / 1	Heat: total trade – quantity	EN_2_14_1	Quantity of heat sold, MWh (integers). Enterprises which produce heat and at the same time buy heat from other enterprises report under heat sold only the quantity produced by own enterprise.	Positive integer	
6 / 2	Heat: total trade – cost	EN_2_14_2	Cost of heat sold at selling prices, excluding VAT, euros (integers). Enterprises which produce heat and at the same time buy heat from other enterprises report under heat sold only the cost of heat produced by own enterprise.	Positive integer	

Table 2. CONSUMPTION OF FUELS FOR ENERGY GENERATION, integers

When filling in online, "Type of fuel" in column 1 is from the previous period.

To enter the data, click Add table row. If the data has been entered in the window, click Add row to the table row; to close the page, click Close. To change an already entered and saved row, click on the corresponding row number in the first column – a data correction window opens.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
1 / 1	Type of fuel *	EN_4_1_19	Fuel code, name and unit of measurement according to classification.	Kütuste loetelu 2020	
1 / 2	Fuels: Consumed for electricity generation - quantity *	EN_4_1_12	Quantity of fuels consumed in power plants and boiler-houses for energy generation, excl. fuel consumed directly for production technology needs.	Positive real number (0,3)	
1 / 3	Fuels: Consumed for electricity generation - cost *	EN_M_2_1_3	Cost of electricity consumed in power plants and boiler-houses, euro (integers). Cost is shown at acquisition price, excluding VAT if the enterprise is liable to VAT. Enterprises which consume fuels produced by themselves report the cost of fuels at selling prices, excluding VAT.	Positive integer	
1 / 4	Fuels: in stocks at the end of the period – quantity	EN_4_1_11	Quantity of fuels in stocks for energy generation at power plants and boiler-houses.	Positive integer	
1 / 5	Fuels: in stocks at	EN_M_2	Cost of fuels in stocks for energy generation at power plants	Positive	

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	the end of the period – cost	_1_5	and boiler-houses, euros (integers). Cost is reported at acquisition price, excluding VAT if the enterprise is liable to VAT.	integer	

Table 3. TIME SPENT ON FILLING OUT THE QUESTIONNAIRE (only for April)

The table need not be filled in period(s) **2021-01, 2021-02, 2021-03, 2021-05, 2021-06, 2021-07, 2021-08, 2021-09, 2021-10, 2021-11, 2021-12**.

Please estimate how much time you spent on filling out the questionnaire (incl. time spent on reading the instructions, collecting and preparing data).Record the total time spent by all employees.

Row code/ column code	Name of variable * - mandatory	Code of variable	Explanation	Type of data (number of decimals) or list/ classification name	You neet not fill in the value: period, economic activity
/	Number of hours spent on completing the questionnaire and collecting and preparing the necessary data	TAITMIS EAEGTU NDI	Number of hours spent by all employees on completing the questionnaire. The time spent on completing the questionnaire includes the time spent on reviewing instructions, collecting and preparing the necessary data.	Positive integer	
/	Number of minutes spent on completing the questionnaire and collecting and preparing the necessary data	TAITMIS EAEGMI NUTIT	Number of minutes spent by all employees on completing the questionnaire. The time spent on completing the questionnaire includes the time spent on reviewing instructions, collecting and preparing data. Permitted value range 0–59.	Positive integer	

LISTS / CLASSIFICATIONS

Name of the list/classification: **Kütuste loetelu 2020**

Item code	Item name	Unit of measurement	Clarification
1020	Coal, tonne (t)	tonne	
1070	Coke, tonne (t)	tonne	
1111	Fuelwood, cubic metre (m³)	MTQ	1 stacked cubic metre (cbm) is approximately 0.7 solid cubic metres.
1112	Wood chips, cubic metre (m³)	MTQ	Wood chips are produced from logging waste, roundwood, logs, shrubs and bushes, stumps or wood industry residues. 1 stacked cubic metre is approximately 0.4 solid cubic metres.
1113	Wood pellets, tonne (t)	tonne	Sticks or cubes with a diameter of 6-12 mm, agglomerated from dried sawdust by compression at temperature up to 80°C .
1114	Briquette, tonne (t)	tonne	Blocks of ground and dried sawdust compressed at appropriate temperature.
1115	Wood waste, cubic metre (m³)	MTQ	1 stacked cubic metre is approximately 0.4 solid cubic metres, 1 stacked cubic metre of sawdust is approximately 0.25 solid cubic metres.
1116	Forestry waste, cubic metre (m³)	MTQ	
1117	Energy forest, cubic metre (m³)	MTQ	
1131	Milled peat, tonne (t)	tonne	1 cubic metre is approximately 0.3 tonnes.
1132	Sod peat, tonne (t)	tonne	1 cubic metre is approximately 0.4 tonnes.
1133	Peat briquette, tonne (t)	tonne	
1140	Municipal waste, tonne (t)	tonne	Waste originating from households, commerce and trade, municipal services and elsewhere, that is similar by composition and nature. Is burned for energy generation, prior to which hazardous waste is removed.
1150	Industrial waste, tonne (t)	tonne	Non-hazardous waste originating from production processes that is burned for energy generation.
1171	Cereal, tonne (t)	tonne	Agricultural raw material/fuel.
1172	Straw, tonne (t)	tonne	Agricultural raw material/fuel.
1173	Dung, tonne (t)	tonne	Agricultural raw material/fuel.

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1174	Rape waste, tonne (t)	tonne	Agricultural raw material/fuel.
1175	Bone meal, tonne (t)	tonne	Agricultural raw material/fuel.
1176	Animal fat (animal waste), tonne (t)	tonne	Agricultural raw material/fuel.
1190	Refuse derived fuel, tonne (t)	tonne	Processed waste to be used as fuel (RDF) Write the type of fuel under "Comment about period".
1200	Oil shale, tonne (t)	tonne	
1210	Other solid fuels		Write the type of fuel and unit of measurement under "Comment about period"
1300	Rubber granules, tonne (t)	tonne	
2030	Heavy fuel oil, tonne (t)	tonne	Residual fuels and other fuel oils among the heavy distillates.
2040	Light fuel oil, tonne (t)	tonne	1000 litres is approximately 0.9 tonnes.
2051	Diesel, tonne (t)	tonne	
2052	Biodiesel, tonne (t)	tonne	A methyl–ester produced from vegetable or animal oil, of diesel quality, pure biodiesel B100.
2070	Jet fuel, tonne (t)	tonne	Jet fuel (aviation kerosene) used in air transport.
2080	Motor gasoline, tonne (t)	tonne	1000 litres are approximately 0.75 tonnes.
2090	Aviation gasoline, tonne (t)	tonne	
2110	Shale oil (heavy fraction), tonne (t)	tonne	
2120	Shale oil (light fraction), tonne (t)	tonne	
2150	Black liquor, tonne (t)	tonne	
2190	Refined oils and lubricants, tonne (t)	tonne	
2220	Bitumen, tonne (t)	tonne	
2231	Bioethanol, tonne (t)	tonne	Ethanol produced from biomass and /or the biodegreadable fraction of waste.
2251	Other liquid fuels		Write the type of fuel and unit of measurement under "Comment about period"
3010	Natural gas, thousand cubic metres (1000 m³)	MQM	
3011	Liquified natural gas (LNG), tonne (t)	tonne	
3012	Compressed natural gas (CNG), tonne (t)	tonne	
3030	Liquified gas (LPG), tonne (t)	tonne	Propane and butane, or a mixture of the two.
3090	Green gas (biomethane)	MQM	Gas consisting of methane and carbon dioxide, produced as a result of anaerobic fermentation.
3110	Shale oil gas, thousand cubic metres (1000 m³)	MQM	
3120	Coke oven gas, thousand cubic metres (1000 m³)	MQM	
3150	Sewage sludge gas, thousand cubic metres (1000 m³)	MQM	
3160	Landfill gas, thousand cubic metres (1000 m³)	MQM	
3170	Other gases		Write the type of fuel and unit of measurement under "Comment about period"