

Article 24 (1) and Annex XIV Energy Efficiency Directive 2012/27/EU

Please, fill in the grey fields. It can be chosen if Eurostat data or data based on national statistics is provided. Please, fill in **table 1** if data from **ESTAT** is reported. If reported data is based on **national statistics**, please, fill in **table 2** and provide definitions for **all** data fields. Information has to be provided always for data fields 34-74.

Annual Report	2016
Reporting year	2014
Member State	Slovenia

Table 1 - Eurostat data

Number	Data field	AR Indicator	EUROSTAT Indicator(s)	EUROSTAT database table	EUROSTAT Code	field/product(s)	unit(s)	last update	SWD(2013)180, Annex A	Definitions of provided national statistics for data fields (17), (19), (22)-(24) and (26)-(28)
1		(i) primary energy consumption	Primary Energy Consumption	Energy saving - annual data [nrg_ind_334a]	B_100910	-	ktoe			
2		(ii) total final energy consumption	Final Energy Consumption	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101700	All products	ktoe		No climate adjustment, see p. 39 SWD(2013)180, Annex A	
3		(iii) final energy consumption - industry	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101800	All products	ktoe			
4		(iii) final energy consumption - transport	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101900	All products	ktoe			
5		final energy consumption in pipeline transport	Consumption in Pipeline transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101945	All products	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A	
6		(iii) final energy consumption - households	Residential	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102010	All products	ktoe			
7		(iii) final energy consumption - services	Services	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102035	All products	ktoe			
8		final energy consumption - agriculture	Agriculture/Forestry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102030	All products	ktoe		Voluntary	
9		final energy consumption - other sectors	Other sectors	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102000	All products	ktoe		Voluntary	
10		(iv) gross value added - industry	- Industry (except construction) - Construction	Gross value added and income by A*10 industry breakdowns [nama_10_x10]	- B_E - F	Value added, gross	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)			
11		(iv) gross value added - services	- Wholesale and retail trade, transport, accommodation and food service activities - Information and communication - Financial and insurance activities - Real estate activities - Professional, scientific and technical activities; administrative and support service activities - Public administration, defence, education, human health and social work activities - Arts, entertainment and recreation; other service activities; activities of household and extra-territorial organizations and bodies	Gross value added and income by A*10 industry breakdowns [nama_10_x10]	- G4 - J - K - L - M_N - O_Q - R_U	Value added, gross	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)			
12		(v) disposable income for households	Disposable income, gross	Non-financial transactions [nasa_nf_tr]	Unit 2012_514 (if available) or 514_515 from 2017 on: 514 only	*Households* (if available) or *Households; non-profit institutions serving households* (Unit 2017)	Million euro, current prices		Due to derogation for some MS granted by ESTAT	
13		(vi) gross domestic product (GDP)	Gross domestic product at market prices	GDP and main components - volumes [nama_gdp_k]	B1GM	-	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)			
14		(vi) electricity generation from thermal power generation	- Gross electricity generation Main activity electricity only - Nuclear - Gross electricity generation Main activity CHP plants - Nuclear - Gross electricity generation Autoproducer electricity only - Nuclear - Gross electricity generation Autoproducer CHP plants - Nuclear - Gross electricity generation Main activity electricity only - Geothermal - Gross electricity generation Main activity electricity only - Combustible Fuels - Gross electricity generation Main activity electricity only - Other Sources - Gross electricity generation Main activity CHP plants - Geothermal - Gross electricity generation Main activity CHP plants - Combustible Fuels - Gross electricity generation Main activity CHP plants - Other Sources - Gross electricity generation Autoproducer electricity only - Geothermal - Gross electricity generation Autoproducer electricity only - Combustible Fuels - Gross electricity generation Autoproducer electricity only - Heat from Chemical Sources - Gross electricity generation Autoproducer electricity only - Other Sources - Gross electricity generation Autoproducer CHP plants - Geothermal - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Heat from Chemical Sources - Gross electricity generation Autoproducer CHP plants - Other Sources - Gross electricity generation Autoproducer electricity only - Solar Thermal	Supply, transformation, consumption - electricity - annual data [nrg_105a]	-15_107030 -15_107031 -15_107032 -15_107033 -15_107038 -15_107048 -15_107054 -15_107039 -15_107049 -15_107055 -14_1070422 -15_107040 -15_107050 -15_107052 -15_107056 -15_107041 -15_107051 -15_107053 -15_107057 -14_1070432	Electrical energy	ktep			

15	(vii) electricity generation from CHP	<ul style="list-style-type: none"> -Gross electricity generation Main activity CHP plants - Nuclear -Gross electricity generation Autoproducer CHP plants - Nuclear -Gross electricity generation Main activity CHP plants - Geothermal -Gross electricity generation Main activity CHP plants - Combustible Fuels -Gross electricity generation Main activity CHP plants - Other Sources -Gross electricity generation Autoproducer CHP plants - Geothermal -Gross electricity generation Autoproducer CHP plants - Combustible Fuels -Gross electricity generation Autoproducer CHP plants - Heat from Chemical Sources -Gross electricity generation Autoproducer CHP plants - Other Sources 	Supply, transformation, consumption - electricity - annual data [nrq_105a]	<ul style="list-style-type: none"> -15_107031 -15_107033 -15_107039 -15_107049 -15_107055 -15_107041 -15_107051 -15_107053 -15_107057 	Electrical energy	ktep			
16	(ix) heat generation from thermal power generation	<ul style="list-style-type: none"> -Gross heat production Main activity CHP plants - Nuclear -Gross heat production Main activity heat only plants - Nuclear -Gross heat production Autoproducer CHP plants - Nuclear -Gross heat production Autoproducer heat only plants - Nuclear -Gross heat production Main activity CHP plants - Geothermal -Gross heat production Main activity CHP plants - Combustible Fuels -Gross heat production Main activity CHP plants - Heat Pumps -Gross heat production Main activity CHP plants - Electric Boilers -Gross heat production Main activity CHP plants - Solar -Gross heat production Autoproducer CHP plants - Geothermal -Gross heat production Autoproducer CHP plants - Combustible Fuels -Gross heat production Autoproducer CHP plants - Heat Pumps -Gross heat production Autoproducer CHP plants - Electric Boilers -Gross heat production Autoproducer CHP plants - Heat from Chemical Sources -Gross heat production Autoproducer CHP plants - Other Sources -Gross heat production Main activity heat only plants - Geothermal -Gross heat production Main activity heat only plants - Combustible Fuels -Gross heat production Main activity heat only plants - Heat Pumps -Gross heat production Main activity heat only plants - Electric Boilers -Gross heat production Main activity heat only plants - Other Sources -Gross heat production Autoproducer heat only plants - Geothermal -Gross heat production Autoproducer heat only plants - Solar -Gross heat production Autoproducer heat only plants - Combustible Fuels -Gross heat production Autoproducer heat only plants - Heat Pumps -Gross heat production Autoproducer heat only plants - Electric Boilers -Gross heat production Autoproducer heat only plants - Heat from Chemical Sources -Gross heat production Autoproducer heat only plants - Other Sources 	Supply, transformation, consumption - heat - annual data [nrq_106a]	<ul style="list-style-type: none"> -15_107060 -15_107061 -15_107062 -15_107063 -15_107064 -15_107072 -15_107076 -15_107080 -15_107086 -15_107068 -15_107066 -15_107074 -15_107078 -15_107082 -15_107084 -15_107088 -15_107070 -15_107055 -15_107069 -15_107073 -15_107077 -15_107081 -15_107087 -15_107067 -15_107071 -15_107075 -15_107079 -15_107083 -15_107085 -15_107089 	Derived heat	ktep			
17	Waste heat produced in industrial installations	ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Voluntary - See p. 39 SWD(2013)180, Annex A
18	(x) heat generation from CHP	<ul style="list-style-type: none"> -Gross heat production Main activity CHP plants - Nuclear -Gross heat production Autoproducer CHP plants - Nuclear -Gross heat production Main activity CHP plants - Geothermal -Gross heat production Main activity CHP plants - Combustible Fuels -Gross heat production Main activity CHP plants - Heat Pumps -Gross heat production Main activity CHP plants - Electric Boilers -Gross heat production Main activity CHP plants - Other Sources -Gross heat production Main activity CHP plants - Solar -Gross heat production Autoproducer CHP plants - Geothermal -Gross heat production Autoproducer CHP plants - Combustible Fuels -Gross heat production Autoproducer CHP plants - Heat Pumps -Gross heat production Autoproducer CHP plants - Electric Boilers -Gross heat production Autoproducer heat only plants - Geothermal -Gross heat production Autoproducer heat only plants - Solar -Gross heat production Autoproducer heat only plants - Combustible Fuels -Gross heat production Autoproducer heat only plants - Heat Pumps -Gross heat production Autoproducer heat only plants - Electric Boilers -Gross heat production Autoproducer heat only plants - Heat from Chemical Sources -Gross heat production Autoproducer CHP plants - Other Sources -Gross heat production Autoproducer CHP plants - Solar 	Supply, transformation, consumption - heat - annual data [nrq_106a]	<ul style="list-style-type: none"> -15_107060 -15_107062 -15_107064 -15_107072 -15_107076 -15_107080 -15_107086 -15_107068 -15_107074 -15_107078 -15_107082 -15_107084 -15_107088 -15_107070 	Derived heat	ktep			
19	Waste heat recovered from industrial installations	ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Voluntary - See p. 39 SWD(2013)180, Annex A
20	(xi) fuel input for thermal power generation	<ul style="list-style-type: none"> -Transformation input - Nuclear Power Stations -Transformation input - Conventional Thermal Power Stations -Transformation input - District Heating Plants 	Supply, transformation, consumption - all products - annual data [nrq_100a]	<ul style="list-style-type: none"> -8_101002 -8_101001 -8_101009 	All products	ktoe			
21	(xii) passenger kilometres (pkm)	<p>Railway TRA_CDV: Total transport</p> <p>Road VEHICLE: Total</p>	<p>Railway transport - Total annual passenger transport (1 000 pass., million pkm) [rail_pa_total]</p> <p>Passenger road transport on national territory, by type of vehicles registered in the reporting country [road_pa_mov]</p>	<ul style="list-style-type: none"> -TOTAL -TOTAL 	-	Millions of passenger-kilometres			
22	passenger kilometres (pkm)	-Domestic Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							
23	passenger kilometres (pkm)	-Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							
24	passenger kilometres (pkm)	-Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							
25	(xiii) tonnes kilometres (tkm)	<p>Railway TRA_CDV: Total transport</p> <p>Road TRA_OPER: Total - Total transport</p> <p>Waterway TRA_CDV: Total transport</p>	<p>Railway transport - Goods transported, by type of transport (1 000 t, million tkm) [rail_gg_typeall]</p> <p>Summary of annual road freight transport by type of operation and type of transport (1 000 t, Mio Tkm, Mio Veh-km) [road_gg_to_tot]</p> <p>Transport by type of good (from 2007 onwards with NST2007) [ww_gg_nstgce]</p>	<ul style="list-style-type: none"> -TOTAL -TOTAL -TOTAL 	-	Millions of Tonne-kilometre			
26	tonnes kilometres (tkm)	-Domestic Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							
27	tonnes kilometres (tkm)	-Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							
28	tonnes kilometres (tkm)	-Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							
29	(xiv) population	Population on 1 January - total	Demographic balance and crude rates [demo_aindr]	JAN	-	Persons			
30	Total number of households	ESTAT data not available. Please, provide national data with definitions/explanations in column K.						Voluntary - see p. 39 SWD(2013)180, Annex A	
31	Energy transmission and distribution losses (all fuels)	Distribution Losses	Supply, transformation, consumption - all products - annual data [nrq_100a]	8_101400	All products	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A	
32	Heat generation from district heating plants	Transformation output - District Heating Plants	Supply, transformation, consumption - heat - annual data [nrq_106a]	8_101109	Derived heat	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A	
33	Fuel input in district heating plants	Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [nrq_100a]	8_101009	All products	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A	

Table 2 - Data based on national statistics

Number	Data field	AR Indicator	Unit	Source	SWD(2013)180, Annex A	Definition of provided national statistics
1_2	76.682	(i) primary energy consumption	GWh	Statistical Office of the Republic of Slovenia (SURS), Jozef Stefan Institute - Energy Efficiency Centre (JSI-EEC)		Based on EUROSTAT methodology, only more exact calculation due to the use of actual heating values for certain types of fuels (coal, liquid fuels). This is valid for all energy data in the table.
2_2	54.264	(ii) total final energy consumption	GWh	SURS, JSI-EEC	No climate adjustment, see p. 39 SWD(2013)180, Annex A	Remark as under 1_2.
3_2	14.284	(iii) final energy consumption - industry	GWh	SURS, JSI-EEC		Remark as under 1_2. Final energy consumption for manufacturing and construction.
4_2	21.153	(iii) final energy consumption - transport	GWh	SURS, JSI-EEC		Remark as under 1_2.
5_2	-	final energy consumption in pipeline transport			Voluntary - See p. 39 SWD(2013)180, Annex A	
6_2	12.099	(iii) final energy consumption - households	GWh	SURS, JSI-EEC		Remark as under 1_2.
7_2	5.181	(iii) final energy consumption - services	GWh	SURS, JSI-EEC		Remark as under 1_2. Final energy consumption for other users (no specific category for services).
8_2	-	final energy consumption - agriculture			Voluntary	
9_2	-	final energy consumption - other sectors			Voluntary	
10_2	8.325	(iv) gross value added - industry	million EUR (constant prices, reference year 2010)	SURS		Gross value added for manufacturing and construction (activities C and F according to NACE).
11_2	21.523	(iv) gross value added - services	million EUR (constant prices, reference year 2010)	SURS		Gross value added for activities from G to S according to NACE.
12_2	21.375	(v) disposable income for households	EUR	SURS		Data for 2012 (no data for 2014 available).
13_2	36.191	(vi) gross domestic product (GDP)	million EUR (constant prices, reference year 2010)	SURS		
14_2	2.993	(vii) electricity generation from thermal power generation	GWh	SURS		Gross electricity generation from thermal power generation, without CHP electricity production.
15_2	1.175	(viii) electricity generation from CHP	GWh	SURS		Total CHP electricity production for completely CHP Units (efficiency > 75%) and units with a non-CHP component (efficiency < 75%).
16_2	0	(ix) heat generation from thermal power generation	GWh			The heat from thermal power generation is taken into account under heat generation from CHP (18_2).
17_2	-	Waste heat produced in industrial installations			Voluntary - See p. 39 SWD(2013)180, Annex A	
18_2	2.820	(x) heat generation from CHP	GWh	SURS		Total CHP heat production for completely CHP Units (efficiency > 75%) and units with a non-CHP component (efficiency < 75%).
19_2	-	Waste heat recovered from industrial installations			Voluntary - See p. 39 SWD(2013)180, Annex A	
20_2	8.079	(xi) fuel input for thermal power generation	GWh	SURS		Fuel input without CHP fuel input.
21_2	NA	(xii) passenger kilometres (plm)				
25_2	NA	(xiii) tonnes kilometres (tkm)				
29_2	2.062.731	(xiv) population	number	SURS		At 1 st October 2014.
30_2	820.541	Total number of households	number	SURS	Voluntary - see p. 39 SWD(2013)180, Annex A	Data for 2015 (no data for 2014 available).
31_2	-	Energy transmission and distribution losses (all fuels)			Voluntary - see p. 39 SWD(2013)180, Annex A	
32_2	2.163	Heat generation from district heating plants	GWh	SURS	Voluntary - see p. 39 SWD(2013)180, Annex A	Net heat generation.
33_2	2.565	Fuel input in district heating plants	GWh	SURS	Voluntary - see p. 39 SWD(2013)180, Annex A	

Additional requirements Article 24 (1), Annex XIV, Part 1 (a) Energy Efficiency Directive

In sectors where energy consumption remains stable or is growing, Member States shall analyse the reasons for it and attach their appraisal to the estimates.

Please, insert explanations or provide an extra/additional document :			Final energy consumption 2013 in ktoe (voluntary)	Final energy consumption 2014 in ktoe (as in data fields (3), (4), (6)-(9))
34	Industry	Energy consumption <u>increase</u> of 2,81%. We attribute the energy consumption growth in this sector primarily to the economic growth. After years of recession the GVA in the construction sector has grown by 9,5% in 2014 in comparison to the year before, while the growth in the manufacturing sector was 5,5%. The energy intensity index of the manufacturing sector alone with 2008 being a base year has decreased from 94,3 in 2013 to 93,8 in 2014.	1.195	1.228
35	Transport	Energy consumption <u>reduction</u> of 2,30%.	1.862	1.819
36	Households	Energy consumption <u>reduction</u> of 14,15%.	1.212	1.040

37	Services	Energy consumption <u>reduction</u> of 8,43%	487	445
38	Agriculture (voluntary)			
39	Other sectors (voluntary)		0	0

Additional requirements Article 24 (1), Annex XIV, Part 1 (b) Energy Efficiency Directive

Updates on major legislative and non-legislative measures implemented in the previous year which contribute towards the overall national energy efficiency targets for 2020

Please, insert explanations or provide an extra/additional document :

40	Major legislative in the previous year (2015)	Rules on the methods for determining energy savings (Official Gazette of the Republic of Slovenia, no. 67/2015)
41		Rules on the professional training and examination required for energy installation managers (Official Gazette of the Republic of Slovenia, no. 92/2015)
42		Rules on dividing and billing heat costs in multi-apartment and other buildings with several units (Official Gazette of the Republic of Slovenia, no. 82/2015)
43		Decree on the method of determining and calculating the contribution for ensuring support for the production of electricity from high-efficiency cogeneration and renewable energy sources (Official Gazette of the Republic of Slovenia, no. 46/2015)
44		Decree on measures and procedures for the introduction and interoperability of advanced electric power metering systems (Official Gazette of the Republic of Slovenia, no. 79/2015)
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50	Major non-legislative in the previous year (2015)	National action plan for nearly zero energy buildings for the period until 2020 (AN sNES, April 2015)
51		National energy efficiency action plan for the period 2014-2020 (AN-URE 2020, May 2015)
52		Long-term strategy for mobilising investment in the building renovation (DSEPS, October 2015)
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Additional requirements Article 24 (1), Annex XIV, Part 1 (c) Energy Efficiency Directive

Total building floor area of the buildings with a total useful floor area over 500 m² and as of 9 July 2015 over 250 m² owned and occupied by the Member States' central government that, on 1 January of the year in which the report is due, did not meet the energy performance requirements referred to in Article 5(1);

60	Total building floor area of the buildings which did not meet the energy performance requirements referred to in Article 5(1) on 1 January of the year in which the report is due (1.1.2015)	According to the only official list of the buildings owned and occupied by the central government prepared in 2014, a total floor area of those buildings is 708.296 m ² . So far only buildings with the useful floor area over 500 m ² are included. The new version of the list, including also buildings with the useful floor area over 250 m ² , is expected to be available in the first half of 2015.
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Additional requirements Article 24 (1), Annex XIV, Part 1 (d) Energy Efficiency Directive

Total building floor area of heated and/or cooled buildings owned and occupied by the Member States' central government that was renovated in the previous year referred to in Article 5(1) or the amount of energy savings in eligible buildings owned and occupied by their central government as referred to in Article 5(6)

61	Total building floor area buildings renovated in the previous year as referred to in Article 5(6)	0 m ²
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62	Amount of energy savings in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)	0 MWh
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Additional requirements Article 24 (1), Annex XIV, Part 1 (e) Energy Efficiency Directive

Energy savings achieved through the national energy efficiency obligation schemes referred to in Article 7(1) or the alternative measures adopted in application of Article 7(9).

	Policy measure (notified)	Savings <u>achieved in year</u> (please, select the year in cell C147 below)	Total <u>expected</u> savings by 2020 (voluntary)
		2014	
63	EEOS	66.248	1.305.000
64	Energy efficiency measures financed from the supplement to energy price paid by all final energy users	138.046	1.834.000
65	Alternative measure 1		
66	Alternative measure 2		
67	Alternative measure 3		
68	Alternative measure 4		
69	Alternative measure 5		
70	Alternative measure 6		
71	Alternative measure 7		
72	Alternative measure 8		
73	Alternative measure 9		
74	Alternative measure 10		
74	Total savings [MWh]	204.294	3.139.000