

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	2015
Reporting year	2013
Member State	Hungary

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 177, 191, 221-241 and 261-281	
1	21000	(i) primary energy consumption	Primary Energy Consumption	Energy saving - annual data [nrg_ind_334a]	B_100910	-	ktoe				
2	15010	(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	3519	(iii) final energy consumption - industry	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101800	All products	ktoe				
4	3697	(iii) final energy consumption - transport	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101900	All products	ktoe				
5	33	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	4839	(iii) final energy consumption - households	Residential	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102010	All products	ktoe				
7	2444	(iii) final energy consumption - services	Services	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102035	All products	ktoe				
8	508	final energy consumption - agriculture	Agriculture/Forestry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102030	All products	ktoe		Voluntary		
9	7803	final energy consumption - other sectors	Other sectors	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102000	All products	ktoe		Voluntary		
10	22610	(iv) gross value added - industry	- Industry (except construction) - Construction	Gross value added and income by A*10 industry breakdowns [nama_10_430]	- B-E - F	Value added, gross	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)				
11	52870	(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_430]	- G-I - 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	57412	(v) disposable income for households	Disposable income, gross	Non-financial transactions [nosa_10_nf_tr]	Until 2012: S14 (if available) or S14_S15; From 2013 on: S14 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	Data are provided based on ESA 2010 methodology from ESTAT table defined in column E1	
13	91020	(vi) gross domestic product (GDP)	Gross domestic product at market prices	GDP and main components (output, expenditure and income) [nama_10_gdp]	BIQ2	-	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)			Data are provided based on ESA 2010 methodology from ESTAT table defined in column E1	
14	2521	(vii) electricity generation from thermal power generation	- Gross electricity generation Main activity CHP plants - Nuclear - 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 - Geothermal - Gross electricity generation Main activity CHP plants - Combustible Fuels - Gross electricity generation Main activity CHP plants - 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 Main activity CHP plants - Solar Thermal - 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 [nrg_105a]	- 15_107030 - 15_107031 - 15_107032 - 15_107033 - 15_107038 - 15_107048 - 15_107054 - 15_107059 - 15_107049 - 15_107055 - 15_107042 - 15_107040 - 15_107050 - 15_107052 - 15_107056 - 15_107041 - 15_107051 - 15_107053 - 15_107057 - 15_1070432	Electrical energy	ktoe				
15	1742	(viii) electricity generation from CHP	- 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 - 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 [nrg_105a]	- 15_107031 - 15_107033 - 15_107039 - 15_107049 - 15_107055 - 15_107041 - 15_107051 - 15_107053 - 15_107057	Electrical energy	ktoe				
16	1765	(ix) heat generation from thermal power generation	- Gross heat production Main activity CHP plants - Nuclear - 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 - Geothermal - Gross heat production Main activity CHP plants - Combustible Fuels - 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 Main activity CHP plants - Other Sources - Gross heat production Main activity CHP plants - Solar - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Solar - 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 CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Solar	Supply, transformation, consumption - heat - annual data [nrg_106a]	- 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_107065 - 15_107069 - 15_107073 - 15_107077 - 15_107081 - 15_107087 - 15_107071	Derived heat	ktoe				
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	577	(x) heat generation from CHP	- 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 Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Solar - 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 CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Solar	Supply, transformation, consumption - heat - annual data [nrg_106a]	- 15_107060 - 15_107062 - 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_107065 - 15_107069 - 15_107073 - 15_107077 - 15_107081 - 15_107087 - 15_107071	Derived heat	ktoe				
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	8154	(xi) fuel input for thermal power generation	- Transformation input - Nuclear Power Stations - Transformation input - Conventional Thermal Power Stations - Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [nrg_100a]	- B_101002 - B_101001 - B_101009	All products	ktoe				
21	76594	(xii) passenger kilometres (pkm)	Railway TRA_COV: Total transport Road VEHICLE: Total	Railway transport - Total annual passenger transport (1 000 pass., million pkm) [rail_pa_total] Passenger road transport on national territory, by type of vehicles registered in the reporting country [road_pa_mov]	- TOTAL - TOTAL	- -	Millions of passenger-kilometres Millions of passenger-kilometres			HCSO data to ITF trends in the transport section. National and international rail passenger transport without transit.	
22	n.a.	passenger kilometres (pkm)	Domestic Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.								
23	n.a.	passenger kilometres (pkm)	Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.								
24	3244	passenger kilometres (pkm)	Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Data obtained from HCSO publication.	
25	47464	(xiii) tonnes kilometres (tkm)	Railway TRA_COV: Total transport Road TRA_OPER: Total - Total transport Waterway TRA_COV: Total transport	Railway transport - Goods transported, by type of transport (1 000 t, million tkm) [rail_go_tyear] Summary of annual road freight transport by type of operation and type of transport (1 000 t, Mio Tkm, Mio Veh-km) [road_go_ta_tot] Transport by type of good (from 2007 onwards with NST2007) [iww_go_stygo]	- TOTAL - TOTAL - TOTAL	- CARRIAGE: Total NST07: Total transported goods (TOTAL) TYPPACK: All types of packages (TOTAL)	Millions of Tonne-kilometre Millions of Tonne-kilometre Millions of Tonne-kilometre				
26	n.a.	tonnes kilometres (tkm)	Domestic Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.								
27	n.a.	tonnes kilometres (tkm)	Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.								
28	10	tonnes kilometres (tkm)	Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Data obtained from HCSO publication	
29	9908793	(xiv) population	Population on 1 January - total	Demographic balance and crude rates [demo_gin]	JAN	-	Persons			Data obtained from HCSO dissemination table (STADAT). Data source: Household Budget and Living Condition Survey.	
30	3762303	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	534	Energy transmission and distribution losses (all fuels)	Distribution Losses	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101400	All products	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		
32	594	Heat generation from district heating plants	Transformation output - District Heating Plants	Supply, transformation, consumption - heat - annual data [nrg_106a]	B_101109	Derived heat	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		
33	660	Fuel input in district heating plants	Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_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		(i) primary energy consumption				
		(ii) total final energy consumption			No climate adjustment, see p. 39 SWD(2013)180, Annex A	
2_2		(iii) final energy consumption - industry				
3_2		(iii) final energy consumption - transport				
4_2		(iii) final energy consumption - transport				
5_2		final energy consumption in pipeline transport			Voluntary - See p. 39 SWD(2013)180, Annex A	
6_2		(iii) final energy consumption - households				
7_2		(iii) final energy consumption - services				
8_2		final energy consumption - agriculture			Voluntary	
9_2		final energy consumption - other sectors			Voluntary	
10_2		(iv) gross value added - industry				
11_2		(iv) gross value added - services				
12_2		(v) disposable income for households				
13_2		(vi) gross domestic product (GDP)				
14_2		(vii) electricity generation from thermal power generation				
15_2		(viii) electricity generation from CHP				
16_2		(ix) heat generation from thermal power generation				
17_2		Waste heat produced in industrial installations			Voluntary - See p. 39 SWD(2013)180, Annex A	
18_2		(x) heat generation from CHP				
19_2		Waste heat recovered from industrial installations			Voluntary - See p. 39 SWD(2013)180, Annex A	
20_2		(xi) fuel input for thermal power generation				
21_2		(xii) passenger kilometres (pkm)				
25_2		(xiii) tonnes kilometres (tkm)				
29_2		(xiv) population				
30_2		Total number of households			Voluntary - see p. 39 SWD(2013)180, Annex A	
31_2		Energy transmission and distribution losses (all fuels)			Voluntary - see p. 39 SWD(2013)180, Annex A	
32_2		Heat generation from district heating plants			Voluntary - see p. 39 SWD(2013)180, Annex A	
33_2		Fuel input in district heating plants			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 2012 in ktoe (voluntary)	Final energy consumption 2013 in ktoe [as in data fields (3), (4), (6)-(9)]
34	Industry			3519
35	Transport			3664
36	Households			4839
37	Services			2444
38	Agriculture (voluntary)			508
39	Other sectors (voluntary)			7803

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	BM Decree 20/2014. (III. 7.) on amendment to TNM Decree 7/2006. (V. 24.) on determination of energy performance of buildings (cost-optimal requirements of buildings)
41	MVM Decree 14/2014. (XII. 31.) on amendment to TNM Decree 7/2006. (V. 24.) on determination of energy performance of buildings (refinement of requirements in case of refurbishments)
42	Government Decree 331/2014. (XII. 18.) on amendment to government decrees in correlation with families' allowance for homeestablishing (advantages to families for building or purchasing flats with high energy performance)
43	NGM Decree 15/2014. (IV. 3.) on rules providing taxfree aid by employers (possibility of support of the employer to refurbish the flat of employee without additional taxes)
44	NFM Decree 57/2014. (XII. 30.) on amendment to ministerial decrees in correlation with reconstruction of road levy system (road levy makes drivers to rationalize their roadmap)
45	Government Decree 272/2014. (X. 5.) on providing aids from EU funds in 2014-2020 (support system of European Funds)
46	Government Decree 255/2014. (X. 10.) on EU state subsidy rules related to providing aids from EU funds in 2014-2020 (state support initiatives)
47	Parliament Decree 1/2014. (I. 3.) on the national regional development strategy (Energy efficiency is a key sector of development)
48	
49	
50	Green Investment System (GIS) : „Otthon Melege Program” Windows and Doors Replacement Subprogram, Boiler Replacement Subprogram, Household Appliances Replacement Subprogram,
51	Energy Efficiency related standards translation program
52	Public transport bus replacement program,
53	Energy efficient electric multiple-unit set replacement program
54	Major non-legislative in the previous year
55	
56	
57	
58	
59	

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	on 1 January 2014 - 504087.6 m ² on 1 January 2015 - 485887.6 m ² as of 9 July 2015 - 488505.9 m ²
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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)	in 2014 - 18200 m ² (demolished)
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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)	
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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 achieved in year (please, select the year in cell C147 below)		Total expected savings by 2020 (voluntary)
	2014		
63	EEOS	-	
64	Alternative measure 1		
65	Alternative measure 2		
66	Alternative measure 3		
67	Alternative measure 4		
68	Alternative measure 5		
69	Alternative measure 6		
70	Alternative measure 7		
71	Alternative measure 8		
72	Alternative measure 9		
73	Alternative measure 10		
73	Total savings	0	0