

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

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Annual Report	2015
Reporting year	2013
Member State	AT

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	If ESTAT data is not provided or another data source has been used: definition of provided national statistics / differences compared to ESTAT indicator
1	31.15	(i) primary energy consumption	Primary Energy Consumption	Energy saving - annual data [eng_ind_334a]	B_100510	-	Mtoe	02.02.15	No climate adjustment, see p. 39 SWD(2013)180, Annex A	Statistics Austria: Energy balance
2	25.745	(ii) total final energy consumption	Final Energy Consumption	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101700	All products	ktoe	02.02.15	No climate adjustment, see p. 39 SWD(2013)180, Annex A	Statistics Austria: Energy balance
3	8.021	(iii) final energy consumption - industry	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101800	All products	ktoe	04.02.15		Statistics Austria: Energy balance
4	8.848	(iii) final energy consumption - transport	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101900	All products	ktoe	04.02.15		Statistics Austria: Energy balance
5	276	final energy consumption in pipeline transport	Consumption in Pipeline transport	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101945	All products	ktoe	04.02.15	See p. 39 SWD(2013)180, Annex A	Statistics Austria: Energy balance
6	6.647	(iii) final energy consumption - households	Residential	Supply, transformation, consumption - all products - annual data [eng_100a]	B_102010	All products	ktoe	04.02.15		Statistics Austria: Energy balance
7	2.663	(iii) final energy consumption - services	Services	Supply, transformation, consumption - all products - annual data [eng_100a]	B_102035	All products	ktoe	04.02.15		Statistics Austria: Energy balance
8	566	final energy consumption - agriculture	Agriculture/Forestry	Supply, transformation, consumption - all products - annual data [eng_100a]	B_102030	All products	ktoe	04.02.15	Voluntary	Statistics Austria: Energy balance
9	-	final energy consumption - other sectors	Other sectors	Supply, transformation, consumption - all products - annual data [eng_100a]	B_102000	All products	ktoe	04.02.15	Voluntary	Statistics Austria: Energy balance
10	73.445	(iv) gross value added - industry	- Industry (except construction) - Construction	Gross value added and income by A*10 industry breakdowns [nama_10_a10]	- B-E - F	Value added, gross	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	02.02.15		Statistics Austria: Structural Business Statistics
11	174.171	(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_a10]	- 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)	02.02.15		Statistics Austria: Structural Business Statistics
12	185.832	(v) disposable income for households	Gross disposable income	Non-financial transactions [nasa_rif_tr]	Unit: 2012, S14 (if available) or S14_S15; From 2017 on: S14 only	"Households" (if available) or "Households, non-profit institutions serving households" (Unit: 2017)	Million euro	02.02.15	Due to derogation for some MS granted by ESTAT	Statistics Austria: National Accounts - Non-Financial Sector Accounts - Disposable Income and Savings of private Households and Nonprofit Institutions serving Households - Net disposable income
13	281.062	(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)	08.12.14		Statistics Austria: National Accounts
14	1.620	(vii) electricity generation from thPG	- 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 Main activity electricity only - Solar Thermal - Gross electricity generation Autoproducer electricity only - Geothermal - Gross electricity generation Autoproducer CHP plants - 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 [eng_105a]	- 15_107030 - 15_107031 - 15_107032 - 15_107033 - 15_107038 - 15_107048 - 15_107054 - 15_107039 - 15_107049 - 15_107055 - 14_107042 - 15_107040 - 15_107050 - 15_107052 - 15_107056 - 15_107041 - 15_107051 - 15_107053 - 15_107057 - 14_107043	Electrical energy	ktoe	04.02.15		Statistics Austria: Energy balance
15	868	(viii) electricity generation from CHPP	- Gross electricity generation Main activity CHP plants - Nuclear - Gross electricity generation Autoproducer CHP plants - Nuclear - 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 [eng_105a]	- 15_107031 - 15_107033 - 15_107039 - 15_107049 - 15_107055 - 15_107041 - 15_107051 - 15_107053 - 15_107057	Electrical energy	ktoe	04.02.15		Statistics Austria: Energy balance
16	2.097	(ix) heat generation from thPG	- Gross heat production Main activity CHP plants - Nuclear - Gross heat production Main activity 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 - 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 CHP plants - Heat from Chemical Sources - Gross heat production Autoproducer heat only 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 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 [eng_106a]	- 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_107067 - 15_107071 - 15_107075 - 15_107079 - 15_107083 - 15_107085 - 15_107089	Derived heat	ktoe	04.02.15		Statistics Austria: Energy balance
17	275	Waste heat produced in industrial installations	ESTAT data not available. Please, provide national data with definitions/explanations in column K.						See p. 39 SWD(2013)180, Annex A	Austrian Energy balance
18	1.225	(x) heat generation from CHP	- 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 CHP plants - Heat from Chemical Sources - Gross heat production Autoproducer heat only 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 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 [eng_106a]	- 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_107067 - 15_107071 - 15_107075 - 15_107079 - 15_107083 - 15_107085 - 15_107089	Derived heat	ktoe	04.02.15		Statistics Austria: Energy balance
19	256	Waste heat recovered from industrial installations	ESTAT data not available. Please, provide national data with definitions/explanations in column K.						See p. 39 SWD(2013)180, Annex A	Austrian Energy balance
20	5.687	(xi) fuel input for thPG	- Transformation input - Nuclear Power Stations - Transformation input - Conventional Thermal Power Stations - Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101002 B_101001 B_101009	All products	ktoe	04.02.15		Statistics Austria: Energy balance
21	12.282	(xii) passenger kilometres (pkm)	Railway TRA_COV: Total transport Road VEHICLE: Total Total Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.	Railway transport - Total annual passenger transport (1 000 pass., million pkm) [rail_pa_totat] 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	13.01.15 23.10.14		Statistics Austria: Energy balance Road Transport not available for Austria data not available
22	1.287.443		- Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Statistics Austria: Commercial Civil Aviation - Passengers by section destination Starting and Landing Airport = Austria
23	25.047.191		- Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Statistics Austria: Commercial Civil Aviation - Passengers by section destination ; Total - Total Aviation National
24	45.442	(xiii) tonnes kilometres (tkm)	Railway TRA_COV: Total transport Road TRA_OPER: Total transport Waterway TRA_COV: Total transport	Railway transport - Goods transported, by type of transport (1 000 t, million tkm) [rail_gg_year] Summary of annual road freight transport by type of operation and type of transport (1 000 t, Mio Tkm, Mio Veh-km) [road_gg_totat] Transport by type of good (from 2007 onwards with NST2007) [ww_gg_elyg]	- TOTAL - TOTAL - TOTAL	- CARRIAGE: Total NST07: Total transported goods (TOTAL) TYPACK: All types of packaging (TOTAL)	Millions of Tonne-kilometre Millions of Tonne-kilometre Millions of Tonne-kilometre	11.12.14 11.12.14 13.11.14		Statistics Austria: Transport volume and transport performance of inland waterway transport - Total
25	11.135		- Total Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Statistics Austria: Commercial Civil Aviation - Freight: Starting and Landing Airport = Austria
26	695		- Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Statistics Austria: Commercial Civil Aviation - Freight; Total - Total Aviation National
27	209.773		- Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Statistics Austria: Commercial Civil Aviation - Freight; Total - Total Aviation National
28	8.451.860	(xiv) population	Population on 1 January - total	Demographic balance and crude rates [demo_gend]	JAN	-	Persons	13.08.14		Statistics Austria: Microcensus - Number of dwellings (main residence)
29	3.722.200	Total number of households	ESTAT data not available. Please, provide national data with definitions/explanations in column K.							Statistics Austria: Microcensus - Number of dwellings (main residence)
30	438	Energy transmission and distribution losses (all fuels)	Distribution Losses	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101400	All products	ktoe	04.02.15	Voluntary - see p. 39 SWD(2013)180, Annex A	Statistics Austria: Energy balance
31	872	Heat generation from district heating plants	Transformation output - District Heating Plants	Supply, transformation, consumption - heat - annual data [eng_106a]	B_101109	Derived heat	ktoe	04.02.15	Voluntary - see p. 39 SWD(2013)180, Annex A	Statistics Austria: Energy balance
32	1.014	Fuel input in district heating plants	Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [eng_100a]	B_101009	All products	ktoe	04.02.15	Voluntary - see p. 39 SWD(2013)180, Annex A	Statistics Austria: Energy balance

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:

34	Industry	The energy consumption of the sector industry is growing by +0.5% mainly driven by produced goods. Each category of commodity needs an individual amount of energy for the production. The development of produced goods is indicated by gross value added and the production index. Both indicators show a growing development from the year 2012 to 2013. Gross value added of industry increased by + 1.2 %. Production index increased by + 0.8 % (Eurostat table [sts_ingr_a]).
35	Transport	The energy consumption of the sector transport increased by 4.6 %. In addition to the lower fuel prices (prices of diesel and gasoline decreased by -4.0 %) there are some other possible drivers for the increase of energy consumption, such as population, GDP, fuel tourism and number of registered vehicles. Population, which has a direct impact on passenger transport, increased by + 0.5 %. The Gross Domestic Product in industry (which is the sector most relevant for transport demand) increased by + 1.2 %. The number of registered motor vehicles increased by + 1.4 %. Beside the mentioned quantified reasons for the rise of energy consumption in transport also additional consumption resulting from fuel tourism caused by the mentioned lower fuel prices in Austria compared to the surrounding countries is an important driving factor, which can not be quantified.
36	Households	The energy consumption of the sector households is mainly (~ 74 %) driven by space heating (Statistics Austria - Useful Energy Analysis - http://www.statistik.gv.at/web_en/statistics/energy_environment/energy/useful_energy_analysis/index.html) and increased by 0.9%. The heating degree days of the year 2013 were about + 1.0 % higher than 2012. In addition to the heating degree days the number of dwellings and the amount of heated floor area increased by + 1.6 %.
37	Services	Final energy consumption decreased - no explanation necessary.
38	Agriculture	Agriculture is similar to the sector households. Space heating accounts about 74 % of the energy consumption. The heating degree days had the highest impact on the energy consumption and increased by + 1.0 %.

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:

39	Energy Efficiency Law	
40	Funding programs for energy efficiency measures such as UFI, Wohnbauförderung, etc.	
41	Implementation of measures planned and documented in the 1.NEEAP	
42		
43	Major legislative in	

	the previous year	
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53	Major non-legislative in the previous year	
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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);

Total building floor area of the buildings which did not meet the energy performance requirements referred to in Article 5(1)	788 283
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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)

Total building floor area buildings renovated as referred to in Article 5(6)	Austria follows Article 5 Paragraph 6 and therefore can not report m ² to fulfill the requirement, energy savings amount to 3.7 GWh.
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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 the last calendar year (n-1)	Total expected savings by 2020
61 EEOS		
62 Alternative measure 1		
63 Alternative measure 2		
64 Alternative measure 3		
65 Alternative measure 4		
66 Alternative measure 5		
67 Alternative measure 6		
68 Alternative measure 7		
69 Alternative measure 8		
70 Alternative measure 9		
71 Alternative measure 10		
72 Total savings		