

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

Please fill in the green fields (the grey ones are strongly recommended, but voluntary). You may use either Eurostat data or data based on national statistics. Please, fill in Table A if data from Eurostat is reported. In case the data is based on national statistics, please fill in Table B and provide definitions.

Annual Report	2016
Reporting year	2014
Member State	The Netherlands

Table A - Eurostat data

Number	Data field	AR Indicator	Unit(s)	Eurostat indicator(s)	Eurostat database table	Eurostat Code	field/product(s)	SWD(2013)180, Annex A	Definition of provided national statistics for data fields not available in Eurostat	Last update (date of the data)
A1		(i) primary energy consumption	Mtoe	Primary Energy Consumption	Energy saving - annual data [nrg_ind_334a]	B_100910	-			
A2		(ii) total final energy consumption	ktoe	Final Energy Consumption	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101700	All products	No climate adjustment, see p. 39 SWD(2013)180, Annex A		
A3		(iii) final energy consumption - industry	ktoe	Final Energy Consumption - Industry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101800	All products			
A4		(iii) final energy consumption - transport	ktoe	Final Energy Consumption - Transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101900	All products			
A5		final energy consumption in pipeline transport	ktoe	Consumption in Pipeline transport	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_101945	All products	Voluntary - See p. 39 SWD(2013)180, Annex A		
A6		(iii) final energy consumption - households	ktoe	Residential	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102010	All products			
A7		(iii) final energy consumption - services	ktoe	Services	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102035	All products			
A8		final energy consumption - agriculture	ktoe	Agriculture/Forestry	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102030	All products	Voluntary		
A9		final energy consumption - other sectors	ktoe	Other sectors	Supply, transformation, consumption - all products - annual data [nrg_100a]	B_102000	All products	Voluntary		
A10		(iv) gross value added - industry	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	Industry (except construction) Construction	Gross value added and income by A*10 industry breakdowns [nama_10_410]	B-E F	Value added, gross			
A11		(iv) gross value added - services	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	- 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_410]	- G-I - J - L - M_N - O-Q - R-U	Value added, gross			
A12		(v) disposable income for households	Million euro	Gross disposable income	Non-financial transactions [nasa_rf_tr]	Until 2017: S14 (if available) or S14_S15; From 2017 on: S14 only	"Households" (if available) or "Households, non-profit institutions serving households" (until 2017)	Due to derogation for some MS granted by Eurostat		
A13		(vi) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2005 (at 2005 exchange rates)	Gross domestic product at market prices	GDP and main components - volumes [nama_gdp_n]	B1GM	-			
A14		(vii) electricity generation from thermal power generation	ktoe	- 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 - Geothermal 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 - Solar Thermal - 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_107042 - 15_107040 - 15_107050 - 15_107052 - 15_107056 - 15_107041 - 15_107051 - 15_107053 - 15_107057 - 14_1070452	Electrical energy			
A15		(viii) electricity generation from CHP	ktoe	- 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 [nrg_105a]	- 15_107031 - 15_107033 - 15_107039 - 15_107049 - 15_107055 - 15_107041 - 15_107051 - 15_107053 - 15_107057	Electrical energy			

A16	(x) heat generation from thermal power generation	ktoe	<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 - 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 - Heat From Chemical Sources - Gross heat production Autoproducer CHP plants - Other Sources - Gross heat production Autoproducer 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 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 - Heat From Chemical Sources - Gross heat production Autoproducer heat only plants - Other Sources - Gross heat production Autoproducer heat only plants - Solar 	Supply, transformation, consumption - heat - annual data [eng_100a]	<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_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			
A17	Waste heat produced in industrial installations	ktoe	Eurostat data not available. Please provide national data with definitions/explanations in column j.				Voluntary - see p. 39 SWD(2013)180, Annex A		
A18	(x) heat generation from CHP	ktoe	<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 - 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 [eng_100a]	<ul style="list-style-type: none"> - 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 	Derived heat			
A19	Waste heat recovered from industrial installations	ktoe	Eurostat data not available. Please provide national data with definitions/explanations in column j.				Voluntary - see p. 39 SWD(2013)180, Annex A		
A20	(x) fuel input for thermal power generation	ktoe	<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 [eng_100a]	<ul style="list-style-type: none"> - 8_101002 - 8_101001 - 8_101009 	All products			
A21	(xii) passenger kilometres	Millions of pkm	Railway TRA_COV: Total transport	Railway transport - Total annual passenger transport (1 000 pass. million okm) [rail_0a total]	- TOTAL	-			
		Millions of pkm	Road VEHICLE: Total	Passenger road transport on national territory, by type of vehicles registered in the reporting country [road_pst_mov]	- TOTAL	-			
A22	domestic maritime passenger kilometres	Millions of pkm	Eurostat data not available. Please provide national data with definitions/explanations in column j.						
A23	total national aviation passenger kilometres	Millions of pkm	Eurostat data not available. Please provide national data with definitions/explanations in column j.						
A24	total international aviation passenger kilometres	Millions of pkm	Eurostat data not available. Please provide national data with definitions/explanations in column j.						
A25	(xiii) tonne-kilometres	Millions of tkm	Railway TRA_COV: Total transport	Railway transport - Goods transported, by type of transport (1 000 t, million km) [rail_0a total]	- TOTAL	-			
		Millions of tkm	Road TRA_OPER: Total - Total transport	Summary of annual road freight transport by type of operation and type of transport (1 000 t, million km, million vehicle km) [road_0a total]	- TOTAL	-	CARRIAGE: Total		
		Millions of tkm	Waterway TRA_COV: Total transport	Transport by type of good (from 2007 onwards with N372007) [lww_gs_aygo]	- TOTAL	-	NSTO?: Total transported goods (TOTAL) TYPPACK: All types of packaging (TOTAL)		
A26	domestic maritime tonne-kilometres	Millions of tkm	Eurostat data not available. Please provide national data with definitions/explanations in column j.						
A27	total national aviation tonne-kilometres	Millions of tkm	Eurostat data not available. Please provide national data with definitions/explanations in column j.						
A28	total international aviation tonne-kilometres	Millions of tkm	Eurostat data not available. Please provide national data with definitions/explanations in column j.						
A29	(xv) population	Persons	Population on 1 January - total	Demographic balance and crude rates [demo_gind]	JAN	-			
A30	Total number of households	Households	Eurostat data not available. Please provide national data with definitions/explanations in column j.				Voluntary - see p. 39 SWD(2013)180, Annex A		
A31	Energy transmission and distribution losses (all fuels)	ktoe	Distribution Losses	Supply, transformation, consumption - all products - annual data [eng_100a]	8_101400	All products	Voluntary - see p. 39 SWD(2013)180, Annex A		
A32	Heat generation from district heating plants	ktoe	Transformation output - District Heating Plants	Supply, transformation, consumption - heat - annual data [eng_100a]	8_101109	Derived heat	Voluntary - see p. 39 SWD(2013)180, Annex A		
A33	Fuel input in district heating plants	ktoe	Transformation input - District Heating Plants	Supply, transformation, consumption - all products - annual data [eng_100a]	8_101009	All products	Voluntary - see p. 39 SWD(2013)180, Annex A		

and/or

Table B - Data based on national statistics

Number	Data field	AR Indicator	Unit	Source	SWD(2013)180, Annex A	Definition of provided national statistics (including differences, respect the definitions of Eurostat indicators listed above)	Last update (date of the data)
B1	3,045	(i) primary energy consumption	PJ	Energy balance, supply, transformation and consumption, CBS StatLine, 1 February 2016			
B2	1,754	(ii) total final energy consumption	PJ	Energy balance, supply, transformation and consumption, CBS StatLine, 1 February 2016	No climate adjustment, see p. 39 SWD(2013)180, Annex A		
B3	534.1	(iii) final energy consumption - industry	PJ	Energy balance, supply, transformation and consumption, CBS StatLine, 1 February 2016			
B4	436.2	(iv) final energy consumption - transport	PJ	Energy balance, supply, transformation and consumption, CBS StatLine, 1 February 2016			
B5		final energy consumption in pipeline transport	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
B6	372.8	(v) final energy consumption - households	PJ	Energy balance, supply, transformation and consumption, CBS StatLine, 1 February 2016			
B7	410.9	(vi) final energy consumption - services	PJ	Energy balance, supply, transformation and consumption, CBS StatLine, 1 February 2016			
B8		final energy consumption - agriculture	ktoe		Voluntary		
B9		final energy consumption - other sectors	ktoe		Voluntary		
B10	69,215	(vii) gross value added - industry	Million euro, chain-linked volumes, reference year 2010 (at 2010 exchange rates)	CBS StatLine, GDP, production and expenditure, 2 February 2016			
B11	446,550	(viii) gross value added - services	Million euro, chain-linked volumes, reference year 2010 (at 2010 exchange rates)	CBS StatLine, GDP, production and expenditure, 2 February 2016			
B12	323,777	(ix) disposable income for households	Million euro	CBS StatLine, sector accounts; key data, 2 February 2016			
B13	579,174	(x) gross domestic product (GDP)	Million euro, chain-linked volumes, reference year 2010 (at 2010 exchange rates)	CBS StatLine, GDP, production and expenditure, 2 February 2016			
B14	96,788,631	(xi) electricity generation from thermal power generation	MWh	CBS StatLine, electricity, production and generation assets, 2 February 2016			
B15	47,469,255	(xii) electricity generation from CHP	Mwh	CBS StatLine, electricity, production and generation assets, 2 February 2016			
B16	198,092	(xiii) heat generation from thermal power generation	TJ	CBS StatLine, electricity, production and generation assets, 2 February 2016			
B17		Waste heat produced in industrial installations	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
B18	198,092	(xiv) heat generation from CHP	TJ	CBS StatLine, electricity, production and generation assets, 2 February 2016			
B19		Waste heat recovered from industrial installations	ktoe		Voluntary - See p. 39 SWD(2013)180, Annex A		
B20	929,256	(xv) fuel input for thermal power generation	TJ	CBS StatLine, electricity, production and generation assets, 2 February 2016			
B21	201	(xvi) passenger kilometres	billion pkm	CBS StatLine, passenger kilometres (persons); modes of transport, regions, 2 February 2016			
B22	47,917	(xvii) tonne-kilometres	million tonne-km	CBS StatLine, road transport; quarterly series; road transport of freight, 16 February 2016			
B23	16,829,289	(xviii) population	Persons	CBS StatLine, key population figures, 2 February 2016			
B24		Total number of households	Households		Voluntary - see p. 39 SWD(2013)180, Annex A		
B25		Energy transmission and distribution losses (all fuels)	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		
B26		Heat generation from district heating plants	ktoe		Voluntary - see p. 39 SWD(2013)180, Annex A		
B27		Fuel input in district heating plants	ktoe		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:

34	Industry	decreased compared to 2013
35	Transport	decreased compared to 2013
36	Households	decreased compared to 2013
37	Services	decreased compared to 2013
38	Agriculture (voluntary)	

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:

		Type of measure	Legal basis	Type of update	Please insert explanations or provide an extra/additional document:
39-1	Major legislative in the previous year	Please select	Please select	Please select	
39-2		Please select	Please select	Please select	
39-3		Please select	Please select	Please select	
39-4		Please select	Please select	Please select	
39-5		Please select	Please select	Please select	
39-6		Please select	Please select	Please select	
39-7		Please select	Please select	Please select	
39-8		Please select	Please select	Please select	
39-9		Please select	Please select	Please select	
39-10		Please select	Please select	Please select	
40-1	Major non-legislative in the previous year	Please select	Please select	Please select	
40-2		Please select	Please select	Please select	
40-3		Please select	Please select	Please select	
40-4		Please select	Please select	Please select	
40-5		Please select	Please select	Please select	
40-6		Please select	Please select	Please select	
40-7		Please select	Please select	Please select	
40-8		Please select	Please select	Please select	
40-9		Please select	Please select	Please select	
40-10		Please select	Please select	Please select	

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

41-1	Total building floor area [m ²] of the buildings with a total useful floor area over 250 m ² owned and occupied by the Member States' central government	6730000 m ²
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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):

41-2	Total building floor area [m ²] 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	we use alternative approach
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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):

42-1	Total building floor area [m ²] of buildings renovated in the previous year as referred to in Article 5(6)	
42-2	Amount of energy savings [ktoe] achieved in the previous year in eligible buildings owned and occupied by their central government as referred to in Article 5(6)	114 Tj

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 [PJ] in 2014 (n-2)	Total expected savings [ktoe] by 2020 (voluntary)
43	Energy Investment Allowance (EIA); 2013	7.070	
44	Long Term Agreement industry	4.273	
45	Long Term Agreement big industry (MIE), excl. refineries	5.546	
46	Long Term Agreement service sector	0.679	
47	Policies targeted to households	10.000	
48	Policies targeted to the service sector	2.800	
49	Corrections for double counting	-2.451	
50	Alternative measure 7		
51	Alternative measure 8		
52	Alternative measure 9		
53	Alternative measure 10		
54	Total savings	27.917	