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 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	IE

Table 1 - Eurostat data

Table 1 - Li	e 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	13400	(i) primary energy consumption	Primary Energy Consumption	Energy saving - annual data [nrg_ind_334a]	B_100910	-	ktoe			
2	10738.9	(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	2183.5	(iii) final energy consumption - industry	Final Energy Consumption - Industry	Supply, transformation, consumption - all products annual data [nrg_100a]	B_101800	All products	ktoe			
4	4212.3	(iii) final energy consumption - transport	Final Energy Consumption - Transport	Supply, transformation, consumption - all products annual data [nrg_100a]	B_101900	All products	ktoe			
5	0	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	2804.8	(iii) final energy consumption - households	Residential	Supply, transformation, consumption - all products annual data [nrg_100a]	B_102010	All products	ktoe			
7	1304.1	(iii) final energy consumption - services	Services	Supply, transformation, consumption - all products annual data [nrg_100a]	B_102035	All products	ktoe			
8	234.2	final energy consumption - agriculture	Agriculture/Forestry	Supply, transformation, consumption - all products annual data [nrg_100a]	B_102030	All products	ktoe		Voluntary	
9	4343.1	final energy consumption – other sectors	Other sectors	Supply, transformation, consumption - all products annual data [nrg_100a]	B_102000	All products	ktoe		Voluntary	
10	31975.9 7027	(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)			
11	17509.9 20365.8 20970.6 12245.7 17398.7 23751 2093.6	(iv) gross value added - services	- Wholesale and retail trade, transport, accomodation 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)			
12	84597	(v) disposable income for households 2013 data not available. 2012 data given	Disposable income, gross	Non-financial transactions [nasa_nf_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)	Million euro, current prices		Due to derogation for some MS granted by ESTAT	2013 data not available. 2012 data given.
13	166723.4	(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	0 0 0 0 1599.2 0 0 0 0 0	(vii) 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 - Other Sources - 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 electricity only - Combustible Fuels - Gross electricity generation Autoproducer electricity only - Heat from Chemical Sources - Gross electricity generation Autoproducer CHP plants - Geothermal - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Autoproducer CHP plants - Combustible Fuels - Gross electricity generation Au	Supply, transformation, consumption - electricity - annual data [nrg_105a]	- 15_107030 - 15_107031 - 15_107032 - 15_107038 - 15_107038 - 15_107048 - 15_107054 - 15_107059 - 15_107049 - 15_107055 - 14_1070422 - 15_107050 - 15_107050 - 15_107050 - 15_107051 - 15_107051 - 15_107053 - 15_107053 - 15_107057 - 14_1070432	Electrical energy	ktep		
15	0 0 0 0	(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 - 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_107051 - 15_107053 - 15_107057	Electrical energy	ktep		
16	0 0 0 0 0 0 0	(ix) heat generation from thermal power generation	- Gross heat production Main activity CHP plants - Nuclear - Gross heat production Autoproducer CHP plants - Nuclear - Gross heat production Autoproducer 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 - Heat Pumps - Gross heat production Main activity CHP plants - Heat Pumps - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Main activity CHP plants - Other Sources - Gross heat production Main activity CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Geothermal - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Heat Pumps - Gross heat production Autoproducer CHP plants - Heat From Chemical Sources - Gross heat production Autoproducer CHP plants - Other Sources - Gross heat production Autoproducer CHP plants - Other Sources - Gross heat production Autoproducer CHP plants - Solar - Gross heat production Autoproducer CHP plants - Solar - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Heat Pumps - Gross heat production Main activity heat only plants - Combustible Fuels - Gross heat production Main activity heat only plants - Solar - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Geothermal - Gross heat production Main activity heat only plants - Geotherm	Supply, transformation, consumption - heat - annual data [nrg_106a]	-15_107060 -15_107061 -15_107062 -15_107063 -15_107063 -15_107064 -15_107072 -15_107076 -15_107080 -15_107086 -15_107086 -15_107088 -15_107082 -15_107082 -15_107084 -15_107084 -15_107089 -15_107089 -15_107089 -15_107089 -15_107089 -15_107077 -15_107081 -15_107081 -15_107087 -15_107087 -15_107079 -15_107079 -15_107079 -15_107079 -15_107079 -15_107079 -15_107079 -15_107079 -15_107079 -15_107079 -15_107079 -15_107088 -15_107088 -15_107088 -15_107089	Derived heat	ktep		
	0		ESTAT data not available. Please, provide national data with definitions/explanations in		-15_107089				
17	0 0 0 0 0 0 0	Waste heat produced in industrial installations (x) heat generation from CHP	column K. - 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 - Heat Pumps - 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 - Soler - Gross heat production Main activity CHP plants - Soler - 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 - Heat Fom Chemical Sources - Gross heat production Autoproducer CHP plants - Heat from Chemical Sources - Gross heat production Autoproducer CHP plants - Other Sources - Gross heat production Autoproducer CHP plants - Other Sources - Gross heat production Autoproducer CHP plants - Other Sources - Gross heat production Autoproducer CHP plants - Other Sources - Gross heat production Autoproducer CHP plants - Other Sources - 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	Derived heat	ktep	Voluntary - See p. 39 SWD(2013)180, Annex A	
19		Waste heat recovered from industrial installations	ESTAT data not available. Please, provide national data with definitions/explanations in column K.						
20	0 3749.1 0	(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	Voluntary - See p. 39 SWD(2013)180, Annex A	
	1569		Railway TRA_COV: Total transport	Railway transport - Total annual passenger transport (1 000 pass., million pkm) [rail_pa_total]	- TOTAL	-	Millions of passenger-kilometres		
21	na	(xii) passenger kilometres (pkm)	Road VEHICLE: Total	Passenger road transport on national territory, by type of vehicles registered in the reporting country [road_pa_mov]	- TOTAL	-	Millions of passenger-kilometres		

			=						
22	na	passenger kilometres (pkm)	- Domestic Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.						
23	na	passenger kilometres (pkm)	- Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.						
24	na	passenger kilometres (pkm)	- Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.						
	99		Railway TRA_COV: Total transport	Railway transport - Goods transported, by type of transport (1 000 t, million tkm) [rail_go_typeall]	- TOTAL	-	Millions of Tonne-kilometre		
25	9138	(xiii) tonnes kilometres (tkm)	Road TRA_OPER: Total - Total transport	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]	- TOTAL	CARRIAGE: Total	Millions of Tonne-kilometre		
25	na	(All) tollies kilolitetes (tkili)	Waterway TRA_COV: Total transport	Transport by type of good (from 2007 onwards with NST2007) [iww_go_atygo]	- TOTAL	NSTO7: Total transported goods (TOTAL) TYPPACK: All types of packaging (TOTAL)	Millions of Tonne-kilometre		
26	na	tonnes kilometres (tkm)	- Domestic Maritime: ESTAT data not available. Please, provide national data with definitions/explanations in column K.						
27	na	tonnes kilometres (tkm)	- Total Aviation National: ESTAT data not available. Please, provide national data with definitions/explanations in column K.						
28	na	tonnes kilometres (tkm)	- Total Aviation International: ESTAT data not available. Please, provide national data with definitions/explanations in column K.						
29	4591087	(xv) population	Population on 1 January - total	Demographic balance and crude rates [demo_gind]	JAN	-	Persons		
30	1649408	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	2011 Census - number of private households in permanent housing units
31	238.3	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	0	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	0	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	

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Table 2 - Data based on national statistics

Number	Data field	AR Indicator	Unit	Source	SWD(2013)180, Annex A	<u>Definition of provided national statistics</u>
1_2		(i) primary energy consumption				
2_2		(ii) total final energy consumption			No climate adjustment, see p. 39 SWD(2013)180, Annex A	
3_2		(iii) final energy consumption - industry				
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		(xv) 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	For a comprehensive analysis of the key energy trends, sectoral indicators and related policy issues, please refer to:- "Energy in Ireland 1990-2013" Published December 2014 available at this link http://energycoalition.eu/sites/default/files/20150520%20Coalition%20for%20Energy%20Savings%20-%20Article%205%20analysis%20Report.pdf		2183.5
35	Transport	As for 34 above		4212.3
36	Households	As for 34 above		2804.8
37	Services	As for 34 above		1304.1
38	Agriculture (voluntary)			234.2
39	Other sectors (voluntary)			4343.1

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

40		As clarified to us this question is being answered for 2014 as the reference year.
41		Legislative measures - To transpose the Energy Efficiency Directive into Irish law and to progress Energy Efficiency objectives a number of Statutory Instruments were finalised and became law in 2014. These were:-
42		S.I. 131 of 2014 - European Union (Energy Efficiency Obligation Scheme) Regulations 2014, copy available at - http://www.irishstatutebook.ie/pdf/2014/en.si.2014.0131.pdf and
43		S.I. 426 of 2014 - European Union (Energy Efficiency) Regulations 2014 Copy available at http://www.irishstatutebook.ie/pdf/2014/en.si.2014.0426.pdf
44	Major legislative in	S.I 208 of 2014 - Taxes Consolidation Act 1997 (Accelerated Capital Allowances for Energy Efficient Equipment) (Amendment) (No. 1) Order 2014.
45	the previous year	S.I. 351 of 2014 - European Union (Energy Labelling) (Amendment) Regulations 2014
46		S.I. 605 of 2014 - Taxes Consolidation Act 1997 (Accelerated Capital Allowances for Energy Efficient Equipment) (Amendment) (No. 2) Order 2014.

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51		Finance - The National Energy Efficiency Fund was formally established in March 2014. This fund - managed by Sustainable Development Capital Ltd. (SDCL) - seeks to provide a new and attractive finance and risk management approach option for public service bodies to invest in achieving energy efficiency in pursuit of their public sector energy efficiency target of a 33% reduction by 2020.
52		Project Development Guidance - The National Energy Services Framework (NESF) which sets out a structured development process for energy projects, continued to be developed through 2014. Its key aim is to encourage the development of robust projects which are investment ready for financing entities. It provides guidance on routes to project development and on sources of finance and support from the Sustainable Energy Authority of Ireland.
53		Market Surveillance & Education - Ireland's Department of Communications, Energy & Natural Resources (DCENR) continued its work as the market Surveillance Authority for Ireland - with responsibility for ensuring compliance with the Energy Labelling, Ecodesign and Tyre labelling Regulations. Almost 100 further inspections were carried out in 2014 to reinforce to retailers and importers their obligations under legislation, assess compliance levels and follow up where necessary.
54	Major non-	Energy Supplier Role - An energy supplier obligation scheme was introduced in 2014 to meet part of the target of 1.5% as set under the Energy Efficiency Directive. Under the ESOS energy suppliers are issued Energy Efficiency Notices which detail energy efficiency savings targets that they must achieve.
55	legislative in the previous year	Education & Behavioural Change - Ireland's - "One Good Idea" initiative focuses on second and (from 2014-5) primary level schools. This scheme challenges students to design and run an exciting energy efficiency awareness campaign in their local community or their own school. Students develop projects to research, learn about and then communicate key messages about smarter and more efficient energy and resource use. More information at this link - http://www.seai.ie/Schools/Post_Primary/One-Good-Idea-Project/Project-Stages-and-Deadlines/Stage-1-Propose/Campaign-Proposal-form.pdf
56		Public Sector Role - A higher Energy Efficiency target of 33% has been set in Ireland for public service bodies. Public service bodies monitor and report on their progress annually. Data for 2013 performance was compiled in 2014 for publication in the first "Annual Report 2014 on Public Sector Energy Efficiency Performance" (published in 2015). See Link - http://www.google.ie/urf?sa=t&rct-j&q-&esrc=s&frm=1&source=web&cd=1&ved=OCCAQFJAA&url=http%3A%2F%2Fwww.sealie%2FPublications%2FPublic_Sector%2FAnnual-Report-2014-on-Public-Sector-Energy-Efficiency-Performance-public-Sector-Energy-Effici
57		Energy Efficiency in Homes/Households - €53.75 million was invested by the Irish Government through the schemes of the "Better Energy Programme" in 2014 to deliver energy efficiency upgrades for over 22,000 homes and in 58 community projects.
58		
59		

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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 m 2 and as of 9 July 2015 over 250 m 2 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	353, 238 m2
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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 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 m2
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)	8.8 GWh

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)
	(notined)	2013	
63	EEOS	355	
64	SME Programme	37	
65	Large Industry Energy Network (LIEN)	103	
66	2008 Building Regulations	59	
67	2011 Building Regulations	22	
68	Energy efficient boiler regulations	100	
69	Accelerated Capital Allowances (AC) Public and private	71	
70	VRT/Motor tax aligned with emissions	103	
71			
72			
73			

73 Total savings 850

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