

Energy balance sheets

2015 DATA

2017 edition



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Printed in Luxembourg.

Manuscript completed in July 2017.

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Introduction

The current publication presents the simplified energy balance sheets for the reference year 2015 and time series of key elements of energy balances for the years 1990, 1995, 2000, 2005, 2010, 2014 and 2015. Energy data are available for all Member States of the European Union as well as Iceland, Norway, Montenegro, Former Yugoslav Republic of Macedonia, Albania, Serbia, Turkey, Kosovo (UNSCR 1244/99) and Ukraine.

Methodology

Legal basis

Eurostat's energy balances are based on the data collections established by Regulation (EC) No 1099/2008 on energy statistics. In this Regulation, Annex A defines the geographical scope, aggregates as well as sectors (supply, transformation sector, energy sector, final consumption, end-use specification) and Annex B defines the specific modalities for annual energy statistics (including energy products).

Definitions of product aggregates

For definitions of specific products please refer to Annex B of Regulation (EC) No 1099/2008 on energy statistics and/or the reporting instructions for the annual energy questionnaires, that are available within the *Dedication section – Energy* on Eurostat's website.

Category “**Solid fossil fuels**” includes Anthracite, Coking Coal, Other Bituminous Coal, Sub-bituminous Coal, Coke Oven Coke, Gas Coke, Lignite (Brown Coal), BKB, Peat, Peat Products, Patent Fuels, Coal Tar, Oil shale and oil sands.

Category “**Crude oil & petroleum products**” includes categories *Crude oil & other hydrocarbons* and *Petroleum products*.

Category “**Crude oil & other hydrocarbons**” includes Crude oil, NGL (Natural Gas Liquids), Refinery feedstocks, Additives/Oxygenates (excluding liquid biofuels) and Other hydrocarbons.

Category “**Petroleum products**” includes Refinery gas, Ethane, LPG, Motor gasoline, Aviation gasoline, Gasoline type jet fuel, Kerosene type jet fuel, Other kerosene, Naphtha, Gas/Diesel oil, Fuel oil, White spirit and SBP, Lubricants, Bitumen, Petroleum coke, Paraffin waxes and Other products.

Category “**All other oil & petroleum products**” includes all elements of category Crude oil & petroleum products complementary to the 5 individual petroleum products shown in the table.

Category “**Gas**” includes Natural gas and category *Derived gases*.

Category “**Derived gases**” includes Coke Oven Gas, Blast Furnace Gas, Gas Works Gas, Other recovered gases.

Category “**Renewable energies**” includes Solid biofuels and Charcoal and categories *Liquid biofuels* and *All other renewable energies*.

Category “**Liquid biofuels**” includes Biogasoline, Biodiesels, Bio jet kerosene, Other liquid biofuels.

Category “**All other renewable energies**” includes Hydro power, Tide, Wave and Ocean, Wind power, Solar energy (solar thermal + solar photovoltaic), Geothermal Energy, Biogases, Municipal Waste (renewable).

Category “**Non-renewable wastes**” includes Municipal waste (non-renewable), Industrial wastes.

Category “**Total (all products)**” includes Nuclear heat, Electricity, Derived heat and categories *Solid fossil fuels, Crude oil & petroleum products, Gas, Renewable energies, Non-renewable wastes*.

Key principles of constructing the energy balance

The energy balances (also called energy balance sheets) are expressed in thousands of tonnes of oil equivalent (ktoe). The tonne of oil equivalent is a standardized energy unit defined as a net calorific value of 107 kilocalories (41 868 MJ), which is roughly the net energy equivalent of a tonne of crude oil.

The energy balances are compiled according to Eurostat’s methodology, which is based on the physical energy content method. The general principle of this method is that the primary energy form should be the first energy form in the production process for which various energy uses are practiced. For directly combustible energy products (for example coal, crude oil, natural gas, biomass, waste) it is their energy content. For products that are not directly combustible, the application of this principle leads to the choice of **heat** as the primary energy form for nuclear, geothermal and solar thermal; and to the choice of **electricity** as the primary energy form for solar photovoltaic, wind, hydro, tide, wave, ocean.

In case the amount of heat produced in the nuclear reactor is not known, the primary energy equivalent is calculated from the electricity generation by assuming an efficiency of 33%. In case of electricity and heat generated with geothermal energy, if the actual amount of geothermal heat is not known, the primary energy equivalent is calculated assuming an efficiency of 10% for electricity production and 50% for derived heat production.

Definitions of key elements in the energy balance

For the definition of a specific element (flow) please refer to Annex A and Annex B of Regulation (EC) No 1099/2008 on energy statistics and/or the reporting instructions for the annual energy questionnaires, that are available within the Dedicated section – Energy on Eurostat’s website.

The additional elements of Eurostat’s energy balances (not defined in the documents specified above) are the following:

Gross inland consumption = Primary production + Primary product receipt + Other sources (recovered products) + Recycled products + Imports + Stock changes – Exports – Bunkers – Direct use

Available for final consumption = Gross inland consumption – Transformation input + Transformation output + Exchanges, transfers and returns – Consumption of the energy branch – Distribution losses

Statistical difference = Available for final consumption – Final non-energy consumption – Final energy consumption

Readers should pay attention when interpreting values for these elements. For some derived products (such as electricity) the value of Gross inland consumption is representing only the amount of net trade. For some other derived products (such as petroleum products) the value of *Gross inland consumption* is representing the amount of net trade, stock changes and consumption in the international marine bunkers. As evident from the examples above, the value of *Gross inland consumption* can also be negative.

Negative values for the element *Available for final consumption* indicate inaccuracies in statistical data collections or reporting.

While the *Statistical difference* can be a measure of the quality of data – it symbolises the statistical balance between supply and consumption of energies, its zero value might also be a result of a methodological approach that attributes non-surveyed elements of energy into, among others, one of the following categories: *not elsewhere specified, stock changes* or *distribution losses*. Consequently, in some cases low values of *Statistical difference* might indicate data of higher quality than a dataset with a *Statistical difference* equal to zero.

Interpretations of empty cells and zeros

The statistical data collection system in the joint annual energy questionnaires cannot distinguish between the following cases:

- Data are not available to the reporting authority
- Data are confidential and not shown
- Energy quantity is a real zero (aka no consumption)
- Consumption is negligible (quantity is less than 0.5 of the respective reporting unit)

All these cases are shown as “zero” in the questionnaire and as blank cells in the data tables in this publication.

In the data tables, symbol “0” indicates value between 0 and 0.5 and symbol “-0” indicates a value between -0.5 and 0. Values bigger than 0.5 and lower than -0.5 are indicated by the respective value rounded to zero decimal places. This however applies only to non-zero data points reported during data collection (see paragraph above).

Calorific values

Data reported in the joint annual energy questionnaires in physical units (tonnes) have been converted to energy units using national calorific values. In case these values were not provided, the values shown in Table 1 were used:

Table 1: Default calorific values

Product	Calorific value (GJ/t)	Product	Calorific value (GJ/t)
Patent Fuel	29.3	Other Kerosene	43.0
Coke Oven Coke	28.5	Gasoline Type Jet Fuel	43.0
Gas Coke	28.0	Kerosene Type Jet Fuel	43.0
Coal Tar	37.7	Naphtha	44.0
BKB/PB	20.0	Gas/Diesel oil	42.6
Natural Gas Liquids	44.0	Residual Fuel Oil	40.0
Refinery Feedstocks	42.5	Fuel Oil	40.0
Additives/Oxygenates	42.5	White Spirit & SBP	43.6
Other Hydrocarbons	42.5	Lubricants	42.0
Biofuels	36.8	Bitumen	39.0
Refinery Gas	49.5	Petroleum Coke	32.0
Ethane	49.5	Paraffin Waxes	40.0
LPG	46.0	Other Oil Products	40.0
Motor Gasoline	44.0	Charcoal	30.0
Aviation Gasoline	44.0		

In order to achieve a consistent energy balance the calorific value for quantities of crude oil entering the refining process have been back-calculated on the basis of the more reliable calorific values of the petroleum products.

Access to detailed data and additional information

As it is not convenient to present full energy balances in the format of a pdf file (and also not feasible, taking into account that data are available on an annual basis for all years starting in 1990), readers requiring more detailed energy data are kindly requested to visit Eurostat's website, that offers user-friendly access to detailed data in the energy domain:

Energy database

<http://ec.europa.eu/eurostat/web/energy/data/database>

Pre-defined energy tables

<http://ec.europa.eu/eurostat/web/energy/data/main-tables>

Statistics Explained articles – Energy

<http://ec.europa.eu/eurostat/statistics-explained/index.php/Category:Energy>

Dedicated section - Energy

<http://ec.europa.eu/eurostat/web/energy/overview>

Complete energy balances in the MS Excel format (for selected years)

<http://ec.europa.eu/eurostat/web/energy/data/energy-balances>

Sankey diagrams (Energy flow diagrams)

<http://ec.europa.eu/eurostat/cache/sankey/sankey.html>

Shedding light on energy in the EU (Digital publication on energy)

<http://ec.europa.eu/eurostat/cache/infographs/energy/>

Contact

Please use the following link for any questions or comments:

<http://ec.europa.eu/eurostat/help/support>

EU-28, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	766 583	144 874	74 842	107 588	221 202	205 043	13 033		
+ Primary production receipt	9 172		9 172						
+ Other sources (recovered products)	5 091	538	4 253	300					
+ Recycled products	1 073		1 073						
+ Imports	1 477 933	151 490	934 110	341 278		15 470	296	35 282	6
+ Stock changes	- 3 737	4 827	- 11 279	2 729		- 15	1		
- Exports	575 809	39 047	399 235	93 985		9 453	28	34 056	5
- Bunkers	42 145		42 145						
- Direct use	10 685		10 685						
Gross inland consumption	1 627 475	262 682	560 106	357 909	221 202	211 046	13 302	1 226	1
Transformation input	1 304 201	247 429	657 040	107 926	221 202	59 455	9 766	246	1 136
+ Conventional thermal power stations	361 052	186 601	13 315	97 424		53 648	8 928		1 136
+ Nuclear power stations	221 202				221 202				
+ District heating plants	19 669	3 484	916	8 659		5 525	838	246	
+ Coke ovens	37 767	37 286	448	33					
+ Blast furnaces	13 292	13 292							
+ Gas works	701	680		22					
+ Refineries	642 093		642 093						
+ Patent fuel plants	212	144	68						
+ BKB/PB plants	4 607	4 607							
+ Charcoal production plants	204					204			
+ Coal liquefaction plants	1 028	1 028							
+ For blended natural gas	278		200			78			
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	2 095	307		1 788					
Transformation output	962 771	31 978	641 913	20 818		59		211 387	56 617
+ Conventional thermal power stations	177 809							137 687	40 122
+ Nuclear power stations	73 803							73 700	103
+ District heating plants	16 392								16 392
+ Coke ovens	35 141	28 108		7 032					
+ Blast furnaces	13 292			13 292					
+ Gas works	494			494					
+ Refineries	641 913		641 913						
+ Patent fuel plants	164	164							
+ BKB/PB plants	3 705	3 705							
+ Charcoal production plants	59					59			
Exchanges, transfers and returns	2 991		2 989			- 64 122		64 124	
Consumption of the energy branch	81 145	672	32 840	19 298		639	79	22 836	4 781
Distribution losses	25 500	39	57	3 028		26		17 844	4 507
Available for final consumption	1 182 391	46 519	515 073	248 476		86 863	3 456	235 811	46 194
Statistical difference	1 615	- 1 590	3 719	- 989		17	1	146	311
Final non-energy consumption	96 820	1 825	81 784	13 211					
Final energy consumption	1 083 957	46 284	429 569	236 254		86 846	3 456	235 665	45 883
+ Industry	274 737	34 897	27 848	86 634		21 380	3 175	85 672	15 132
+ Iron and Steel	49 753	23 845	873	15 606		24	46	8 844	515
+ Chemical and Petrochemical	51 817	3 059	7 544	17 763		329	447	15 521	7 154
+ Non-ferrous metals	9 353	304	296	3 088		2	10	5 508	144
+ Non-metallic minerals	33 845	4 416	6 702	12 820		1 474	2 387	5 777	268
+ Transport eEquipment	8 081	67	397	2 407		19	0	4 620	570
+ Machinery	18 450	104	1 048	6 467		132	4	10 139	556
+ Mining and Quarrying	3 369	177	882	551		73		1 562	123
+ Food, Beverages and Tobacco	29 178	1 291	1 835	13 810		987	7	9 981	1 267
+ Paper, Pulp and Printing	33 385	1 062	718	7 003		12 036	117	10 071	2 377
+ Wood and Wood products	7 926	41	202	494		4 664	37	2 036	453
+ Construction	6 768	31	3 270	1 692		103	1	1 630	42
+ Textile and Leather	4 469	64	256	2 150		18	0	1 802	180
+ Not elsewhere specified (Industry)	18 345	436	3 824	2 784		1 519	119	8 181	1 482
+ Transport	358 629	10	335 867	3 226		14 158		5 368	
+ Rail	6 221	10	2 049			27		4 135	
+ Road	293 988		277 706	1 751		14 122		410	
+ International aviation	45 756		45 756						
+ Domestic aviation	5 540		5 540						
+ Domestic navigation	4 540		4 536			5			
+ Pipeline transport	1 507		1	1 411				95	
+ Not elsewhere specified (Transport)	1 077		280	64		5		729	
+ Other sectors	450 591	11 377	65 855	146 394		51 308	281	144 625	30 751
+ Commercial and public services	146 924	1 071	15 258	44 558		4 935	275	71 766	9 061
+ Residential	275 155	9 258	34 739	97 437		44 069	6	68 393	21 253
+ Agriculture / Forestry	23 441	1 012	12 673	3 260		2 092		4 160	245
+ Fishing	1 227		1 148	2		35		42	
+ Not elsewhere specified (Other)	3 843	36	2 038	1 137		176		264	192

Source: Eurostat (nrg_100a)

EU-28	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	943 203	959 116	942 568	904 150	837 670	772 870	766 583	-0.83	-1.64
Solid fossil fuels	366 874	276 798	213 022	195 025	164 132	149 417	144 874	-3.65	-2.93
Crude oil & other hydrocarbons	131 543	174 030	172 238	133 314	97 299	70 076	74 842	-2.23	-5.61
Natural gas	163 997	190 997	209 212	190 579	159 676	117 227	107 588	-1.67	-5.56
Nuclear heat	205 205	227 301	243 841	257 516	236 562	226 140	221 202	+0.30	-1.51
Renewable energies	71 802	84 332	98 196	119 879	168 941	197 464	205 043	+4.29	+5.51
Non-renewable wastes	3 782	5 658	6 058	7 837	11 060	12 547	13 033	+5.07	+5.22
Net imports	755 457	736 762	827 098	980 186	953 726	881 239	902 124	+0.71	-0.83
Solid fossil fuels	81 183	78 356	98 298	125 345	111 740	123 019	112 443	+1.31	-1.08
Crude oil & other hydrocarbons	505 146	494 980	513 544	578 239	536 188	516 635	544 249	+0.30	-0.60
Petroleum products	29 393	15 797	19 438	19 707	21 329	2 870	- 9 374		
Natural gas	135 668	145 567	193 499	254 071	278 020	231 254	247 293	+2.43	-0.27
Renewable energies	155	289	343	1 479	5 793	5 865	6 018	+15.75	+15.07
Gross inland consumption	1 670 011	1 675 003	1 730 114	1 830 864	1 764 365	1 607 754	1 627 475	-0.10	-1.17
Solid fossil fuels	454 742	364 997	321 253	318 251	283 303	269 046	262 682	-2.17	-1.90
Crude oil & petroleum products	632 124	654 521	662 237	679 414	610 928	551 804	560 106	-0.48	-1.91
Gas	298 099	336 133	396 217	445 213	447 057	343 548	357 909	+0.73	-2.16
Nuclear heat	205 205	227 301	243 841	257 516	236 562	226 140	221 202	+0.30	-1.51
Renewable energies	72 147	84 621	98 527	121 287	174 800	203 068	211 046	+4.39	+5.70
Non-renewable wastes	3 782	5 658	6 062	7 837	11 079	12 816	13 302	+5.16	+5.43
Transformation input	1 412 814	1 397 331	1 434 071	1 504 184	1 398 400	1 278 251	1 304 201	-0.32	-1.42
Conventional thermal power stations	390 903	373 310	384 428	429 578	414 641	358 419	361 052	-0.32	-1.72
Nuclear power stations	205 205	227 301	243 841	257 516	236 562	226 140	221 202	+0.30	-1.51
District heating plants	26 568	21 697	20 102	20 489	21 657	19 404	19 669	-1.20	-0.41
Coke-ovens	81 754	61 277	52 019	46 110	42 304	38 798	37 767	-3.04	-1.98
Blast-furnaces	17 188	16 074	15 080	15 166	13 260	13 409	13 292	-1.02	-1.31
Refineries	658 478	688 008	712 301	728 886	661 964	612 959	642 093	-0.10	-1.26
BKB / PB plants	25 124	6 575	3 838	4 142	4 299	4 958	4 607	-6.56	+1.07
Transformation output	1 038 254	1 026 621	1 056 463	1 103 070	1 022 230	932 179	962 771	-0.30	-1.35
Conventional thermal power stations	170 188	165 684	179 660	208 951	207 495	173 697	177 809	+0.18	-1.60
Nuclear power stations	68 513	75 827	81 331	85 943	78 934	75 444	73 803	+0.30	-1.51
District heating plants	20 125	18 262	17 045	16 827	17 674	16 042	16 392	-0.82	-0.26
Coke-ovens	75 122	55 609	46 757	43 214	38 514	35 957	35 141	-2.99	-2.05
Blast-furnaces	17 188	16 074	15 080	15 166	13 260	13 409	13 292	-1.02	-1.31
Refineries	658 153	687 812	712 088	728 632	661 659	612 760	641 913	-0.10	-1.26
BKB / PB plants	23 136	5 381	3 414	3 585	3 873	4 089	3 705	-7.06	+0.33
of which: electricity	196 474	205 155	225 794	249 783	239 527	209 658	211 387	+0.29	-1.66
of which: derived heat	62 353	54 617	52 243	61 938	64 575	55 525	56 617	-0.39	-0.89
Exchanges, transfers and returns	1 948	2 727	4 480	3 535	3 123	2 676	2 991		
Consumption of the energy branch	82 739	87 381	86 088	90 970	87 649	78 482	81 145	-0.08	-1.14
Distribution losses	23 009	26 588	27 688	28 941	27 241	24 746	25 500	+0.41	-1.26
Energy available for final consumption	1 191 651	1 193 052	1 243 210	1 313 373	1 276 428	1 161 131	1 182 391	-0.03	-1.05
Solid fossil fuels	129 425	82 275	61 632	55 169	53 850	47 318	46 519	-4.01	-1.69
Gas/Diesel Oil (w/o bio)	210 200	226 264	247 113	281 405	271 345	259 257	265 334	+0.94	-0.59
Motor Gasoline (w/o bio)	139 932	141 070	136 900	114 853	94 300	81 800	80 147	-2.20	-3.53
Kerosene Type Jet Fuel	30 765	34 960	45 784	51 554	51 010	50 636	52 041	+2.12	+0.09
Naphtha	35 185	42 220	43 842	45 196	41 103	36 752	35 534	+0.04	-2.38
LPG	22 048	23 540	24 013	26 692	26 852	29 458	30 440	+1.30	+1.32
All other oil & petroleum products	94 495	88 149	84 655	84 778	68 569	50 533	51 576	-2.39	-4.85
Natural gas	228 529	252 409	275 025	291 848	277 366	232 860	240 730	+0.21	-1.91
Derived gases	19 843	15 070	11 025	9 296	7 831	7 859	7 746	-3.69	-1.81
Solid biomass & charcoal	38 022	42 926	46 914	53 420	65 639	62 969	66 604	+2.27	+2.23
Liquid biofuels	6	222	718	3 288	13 551	14 406	14 336	+36.27	+15.86
All other renewable energies	922	1 194	1 601	2 200	3 734	5 595	5 923	+7.72	+10.41
Non-renewable wastes	887	1 603	1 120	1 476	2 745	3 383	3 456	+5.59	+8.88
Electricity	186 058	194 588	217 441	239 399	244 225	232 761	235 811	+0.95	-0.15
Derived heat	55 333	46 562	45 427	52 800	54 308	45 544	46 194	-0.72	-1.33
Statistical difference	7 029	2 835	- 1 842	3 293	5 017	354	1 615		
Final non-energy consumption	99 634	107 384	112 156	117 800	106 918	99 109	96 820	-0.11	-1.94
Final energy consumption	1 084 987	1 082 834	1 132 896	1 192 280	1 164 493	1 061 668	1 083 957	-0.00	-0.95
Industry	370 842	331 569	333 372	328 063	287 009	273 965	274 737	-1.19	-1.76
Transport	284 427	306 766	344 691	369 275	364 206	352 580	358 629	+0.93	-0.29
Road transport	238 507	256 524	283 765	301 752	299 587	289 957	293 988	+0.84	-0.26
Domestic & International aviation	29 564	34 263	44 916	50 008	49 254	49 511	51 296	+2.23	+0.25
Other sectors	429 718	444 498	454 834	494 942	513 278	435 123	450 591	+0.19	-0.93
Services	108 433	114 320	121 420	144 160	157 770	141 784	146 924	+1.22	+0.19
Residential	274 808	285 516	291 201	309 224	318 863	264 515	275 155	+0.01	-1.16

Source: Eurostat (nrg_100a)

Euro area (19 countries), 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	448 631	57 155	13 880	52 187	170 487	144 956	9 966		
+ Primary production receipt	9 172		9 172						
+ Other sources (recovered products)	3 301	8	3 015	278					
+ Recycled products	1 000		1 000						
+ Imports	1 163 575	120 577	732 578	276 958		8 277	226	24 956	2
+ Stock changes	- 5 040	1 387	- 7 886	1 442		14	3		
- Exports	421 448	24 429	287 437	79 184		7 104	28	23 263	3
- Bunkers	36 821		36 821						
- Direct use	10 405		10 405						
Gross inland consumption	1 151 964	154 698	417 097	251 681	170 487	146 143	10 167	1 693	- 2
Transformation input	942 824	147 824	497 777	76 256	170 487	41 687	7 668	39	1 087
+ Conventional thermal power stations	240 128	110 873	12 281	71 328		37 599	6 961		1 087
+ Nuclear power stations	170 487				170 487				
+ District heating plants	10 367	864	721	4 210		3 825	708	39	
+ Coke ovens	21 573	21 127	446						
+ Blast furnaces	9 927	9 927							
+ Gas works	158	158							
+ Refineries	484 128		484 128						
+ Patent fuel plants									
+ BKB/PB plants	3 697	3 697							
+ Charcoal production plants	185					185			
+ Coal liquefaction plants	1 028	1 028							
+ For blended natural gas	278		200			78			
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	868	150		718					
Transformation output	701 188	19 138	484 010	14 057		50		150 338	33 595
+ Conventional thermal power stations	118 569							93 525	25 045
+ Nuclear power stations	56 860							56 813	47
+ District heating plants	8 503								8 503
+ Coke ovens	19 883	15 881		4 002					
+ Blast furnaces	9 927			9 927					
+ Gas works	127			127					
+ Refineries	484 010		484 010						
+ Patent fuel plants									
+ BKB/PB plants	3 257	3 257							
+ Charcoal production plants	50					50			
Exchanges, transfers and returns	2 759		2 757			- 45 168		45 169	
Consumption of the energy branch	53 217	272	23 931	10 468		594	79	15 312	2 559
Distribution losses	16 230	6	55	1 860		24		11 975	2 311
Available for final consumption	843 641	25 734	382 101	177 154		58 721	2 419	169 875	27 637
Statistical difference	3 543	- 510	4 212	- 309		- 44	- 0	- 133	327
Final non-energy consumption	74 949	1 088	64 848	9 013					
Final energy consumption	765 149	25 155	313 041	168 450		58 765	2 419	170 007	27 310
+ Industry	199 338	23 365	19 933	66 365		13 565	2 239	62 323	11 548
+ Iron and Steel	37 410	17 547	661	12 096		24	45	6 727	310
+ Chemical and Petrochemical	40 780	1 534	6 371	14 401		297	405	11 974	5 797
+ Non-ferrous metals	7 734	248	245	2 583		2	10	4 557	90
+ Non-metallic minerals	24 585	2 591	5 604	9 186		1 326	1 596	4 067	216
+ Transport eEquipment	5 606	11	164	1 646		17	0	3 301	467
+ Machinery	13 799	25	903	4 937		102	3	7 430	400
+ Mining and Quarrying	2 104	64	650	429		42		864	56
+ Food, Beverages and Tobacco	21 547	613	1 474	10 188		788		7 458	1 026
+ Paper, Pulp and Printing	23 072	681	472	5 861		7 044	114	6 680	2 221
+ Wood and Wood products	5 732	5	132	370		3 334	37	1 489	366
+ Construction	4 777	5	2 372	1 103		92	0	1 190	14
+ Textile and Leather	3 185	7	198	1 513		13		1 311	143
+ Not elsewhere specified (Industry)	9 005	33	686	2 053		485	29	5 277	442
+ Transport	254 075		237 243	2 490		10 266		4 076	
+ Rail	3 905		974			27		2 904	
+ Road	208 790		196 611	1 565		10 230		384	
+ International aviation	31 383		31 383						
+ Domestic aviation	4 418		4 418						
+ Domestic navigation	3 614		3 610			5			
+ Pipeline transport	919			860				59	
+ Not elsewhere specified (Transport)	1 045		248	64		5		729	
+ Other sectors	311 736	1 790	55 865	99 596		34 934	181	103 608	15 762
+ Commercial and public services	108 440	381	13 360	32 574		4 350	181	52 713	4 882
+ Residential	183 743	1 331	31 021	63 872		29 545		47 433	10 541
+ Agriculture / Forestry	16 097	48	8 898	2 860		984		3 159	148
+ Fishing	1 054		977	1		35		40	
+ Not elsewhere specified (Other)	2 403	30	1 609	288		19		264	192

Source: Eurostat (nrg_100a)

Euro area (19 countries)	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	485 899	465 318	453 219	470 319	479 796	465 141	448 631	-0.32	-0.47
Solid fossil fuels	161 278	111 110	86 030	79 325	65 134	60 729	57 155	-4.06	-3.22
Crude oil & other hydrocarbons	21 054	18 657	15 688	17 140	13 640	14 236	13 880	-1.65	-2.09
Natural gas	89 370	99 334	85 954	83 478	83 843	64 196	52 187	-2.13	-4.59
Nuclear heat	160 085	175 081	193 829	201 544	187 337	173 943	170 487	+0.25	-1.66
Renewable energies	51 564	57 390	66 825	83 077	120 901	142 288	144 956	+4.22	+5.72
Non-renewable wastes	2 546	3 745	4 894	5 755	8 941	9 749	9 966	+5.61	+5.65
Net imports	659 728	696 194	800 491	867 981	799 534	706 315	742 126	+0.47	-1.55
Solid fossil fuels	79 059	77 702	92 983	100 938	91 363	93 857	96 149	+0.79	-0.48
Crude oil & other hydrocarbons	440 603	464 891	496 735	514 290	456 695	424 573	452 283	+0.10	-1.28
Petroleum products	38 799	34 687	31 729	29 376	26 997	5 443	- 7 142		
Natural gas	101 179	118 325	177 185	219 182	219 502	179 102	197 774	+2.72	-1.02
Renewable energies	185	287	283	1 012	3 098	1 303	1 173	+7.66	+1.48
Gross inland consumption	1 116 514	1 137 275	1 212 014	1 292 141	1 244 882	1 134 556	1 151 964	+0.13	-1.14
Solid fossil fuels	243 806	192 267	182 159	179 746	155 396	154 003	154 698	-1.80	-1.49
Crude oil & petroleum products	469 378	491 674	504 858	514 544	457 606	411 895	417 097	-0.47	-2.08
Gas	188 841	216 531	257 595	303 309	309 674	239 553	251 681	+1.16	-1.85
Nuclear heat	160 085	175 081	193 829	201 544	187 337	173 943	170 487	+0.25	-1.66
Renewable energies	51 955	57 675	67 104	84 060	124 049	143 373	146 143	+4.22	+5.69
Non-renewable wastes	2 546	3 745	4 894	5 754	8 959	9 975	10 167	+5.69	+5.86
Transformation input	966 940	965 751	1 024 420	1 082 390	1 000 092	916 291	942 824	-0.10	-1.37
Conventional thermal power stations	228 200	225 928	241 532	278 290	266 406	233 378	240 128	+0.20	-1.46
Nuclear power stations	160 085	175 081	193 829	201 544	187 337	173 943	170 487	+0.25	-1.66
District heating plants	8 569	7 734	7 047	10 012	10 574	10 133	10 367	+0.76	+0.35
Coke-ovens	49 216	33 708	29 490	26 650	24 419	21 845	21 573	-3.25	-2.09
Blast-furnaces	11 575	11 148	10 636	11 035	10 169	10 007	9 927	-0.61	-1.05
Refineries	481 128	504 775	537 527	550 622	495 822	460 926	484 128	+0.02	-1.28
BKB / PB plants	23 635	5 584	3 116	2 994	3 236	3 754	3 697	-7.15	+2.13
Transformation output	719 229	713 796	759 505	801 230	736 275	674 197	701 188	-0.10	-1.32
Conventional thermal power stations	97 219	97 128	111 099	136 570	134 389	113 496	118 569	+0.80	-1.40
Nuclear power stations	53 473	58 416	64 644	67 248	62 485	58 009	56 860	+0.25	-1.66
District heating plants	6 479	6 398	5 852	8 146	8 483	8 233	8 503	+1.09	+0.43
Coke-ovens	44 652	30 673	26 822	24 847	21 809	20 032	19 883	-3.18	-2.20
Blast-furnaces	11 575	11 148	10 636	11 035	10 169	10 007	9 927	-0.61	-1.05
Refineries	481 033	504 639	537 369	550 436	495 583	460 791	484 010	+0.02	-1.28
BKB / PB plants	21 731	4 556	2 746	2 729	3 156	3 424	3 257	-7.31	+1.79
<i>of which: electricity</i>	133 548	140 140	157 567	176 286	168 049	146 891	150 338	+0.47	-1.58
<i>of which: derived heat</i>	23 625	21 802	24 028	35 677	37 308	32 847	33 595	+1.42	-0.60
Exchanges, transfers and returns	1 932	2 582	3 850	3 434	3 000	2 521	2 759		
Consumption of the energy branch	51 364	52 295	52 942	57 062	56 507	51 371	53 217	+0.14	-0.70
Distribution losses	13 539	14 249	15 315	16 804	16 156	15 729	16 230	+0.73	-0.35
Energy available for final consumption	805 832	821 358	882 692	940 549	911 402	827 885	843 641	+0.18	-1.08
Solid fossil fuels	71 146	39 025	34 099	29 678	29 833	25 797	25 734	-3.99	-1.42
Gas/Diesel Oil (w/o bio)	167 015	180 459	196 885	224 166	209 172	197 366	200 787	+0.74	-1.10
Motor Gasoline (w/o bio)	96 693	99 864	95 055	77 852	63 074	55 565	54 541	-2.26	-3.50
Kerosene Type Jet Fuel	21 310	24 111	31 843	35 150	36 032	35 314	36 866	+2.22	+0.48
Naphtha	28 973	34 252	37 287	38 922	36 608	32 684	31 203	+0.30	-2.19
LPG	17 231	18 136	17 470	17 529	18 186	21 071	21 515	+0.89	+2.07
All other oil & petroleum products	71 656	63 639	64 458	62 265	50 373	36 133	37 189	-2.59	-5.02
Natural gas	143 420	168 634	188 949	203 325	194 149	164 801	171 232	+0.71	-1.70
Derived gases	12 728	9 018	7 298	6 238	5 912	5 863	5 922	-3.01	-0.52
Solid biomass & charcoal	28 180	28 444	30 914	36 580	43 740	40 751	43 320	+1.73	+1.71
Liquid biofuels	6	206	656	3 026	10 587	10 632	10 499	+34.58	+13.25
All other renewable energies	708	972	1 355	1 795	3 101	4 688	4 903	+8.05	+10.57
Non-renewable wastes	314	611	856	918	2 018	2 372	2 419	+8.51	+10.18
Electricity	125 696	134 906	153 991	171 929	176 653	167 662	169 875	+1.21	-0.12
Derived heat	20 757	19 080	21 578	31 177	31 964	27 186	27 637	+1.15	-1.20
Statistical difference	2 621	- 1 427	- 218	5 175	3 213	1 216	3 543		
Final non-energy consumption	75 945	81 636	87 240	90 174	84 279	77 721	74 949	-0.05	-1.83
Final energy consumption	727 266	741 149	795 671	845 201	823 910	748 949	765 149	+0.20	-0.99
Industry	235 478	218 083	232 519	235 271	209 834	198 936	199 338	-0.66	-1.64
Transport	206 458	226 776	254 170	267 801	260 638	250 771	254 075	+0.83	-0.52
Road transport	175 912	192 390	212 304	221 446	215 335	207 268	208 790	+0.69	-0.59
Domestic & International aviation	20 048	23 570	30 974	33 764	34 228	34 331	35 801	+2.35	+0.59
Other sectors	285 329	296 290	308 982	342 128	353 438	299 242	311 736	+0.35	-0.93
Services	78 808	80 948	85 535	104 581	114 940	103 790	108 440	+1.28	+0.36
Residential	179 723	187 457	194 627	207 740	211 328	175 519	183 743	+0.09	-1.22

Source: Eurostat (nrg_100a)

Belgium, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	10 367				6 733	2 959	675		
+ Primary production receipt	1 187		1 187						
+ Other sources (recovered products)	8	8							
+ Recycled products	31		31						
+ Imports	81 502	3 155	60 191	15 318		797	2	2 039	
+ Stock changes	- 963	80	- 1 137	94					
- Exports	30 876	60	29 016	1 445		122		233	
- Bunkers	5 821		5 821						
- Direct use	1 216		1 216						
Gross inland consumption	54 217	3 183	24 218	13 967	6 733	3 633	677	1 806	
Transformation input	50 549	2 232	35 479	4 072	6 733	1 288	503		241
+ Conventional thermal power stations	6 584	475	9	4 071		1 285	503		241
+ Nuclear power stations	6 733				6 733				
+ District heating plants	4			1		3			
+ Coke ovens	1 165	1 165							
+ Blast furnaces	592	592							
+ Gas works									
+ Refineries	35 470		35 470						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	43 279	877	35 466	823				5 210	904
+ Conventional thermal power stations	3 867							2 965	901
+ Nuclear power stations	2 244							2 244	
+ District heating plants	3								3
+ Coke ovens	1 108	877		231					
+ Blast furnaces	592			592					
+ Gas works									
+ Refineries	35 466		35 466						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	118		118			- 770		770	
Consumption of the energy branch	2 238		1 250	450			30	365	144
Distribution losses	364	5		23		0		328	7
Available for final consumption	44 463	1 823	23 072	10 244		1 575	144	7 093	512
Statistical difference	167	1	39	61		- 1		67	- 0
Final non-energy consumption	8 516	214	7 314	987					
Final energy consumption	35 780	1 607	15 719	9 195		1 576	144	7 026	512
+ Industry	11 891	1 514	1 805	4 058		669	144	3 262	440
+ Iron and Steel	2 217	1 104	13	758				342	
+ Chemical and Petrochemical	4 153		1 466	1 180		7	8	1 132	360
+ Non-ferrous metals	287		2	118				167	
+ Non-metallic minerals	1 369	346	52	491		118	119	243	
+ Transport eEquipment	266		7	73				186	
+ Machinery	187		19	117		2		49	
+ Mining and Quarrying	47			10				37	
+ Food, Beverages and Tobacco	1 453	21	12	809		73		490	48
+ Paper, Pulp and Printing	715	20	14	138		280	16	215	31
+ Wood and Wood products	226			27		165		34	
+ Construction	219		72	71				76	
+ Textile and Leather	195		1	90		0		103	1
+ Not elsewhere specified (Industry)	555	23	147	174		23		188	
+ Transport	10 444		9 996	48		261		139	
+ Rail	184		48					136	
+ Road	8 572		8 307	3		261		1	
+ International aviation	1 452		1 452						
+ Domestic aviation	2		2						
+ Domestic navigation	187		187						
+ Pipeline transport	46			45				2	
+ Not elsewhere specified (Transport)									
+ Other sectors	13 445	93	3 918	5 090		645		3 625	73
+ Commercial and public services	4 557		885	1 687		48		1 871	66
+ Residential	8 136	85	2 697	3 187		546		1 620	2
+ Agriculture / Forestry	722	9	307	216		51		135	5
+ Fishing									
+ Not elsewhere specified (Other)	30		30						

Source: Eurostat (nrg_100a)

Belgium	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	12 421	11 520	13 401	13 654	15 373	12 318	10 367	-0.72	-2.72
Solid fossil fuels	610								
Crude oil & other hydrocarbons									
Natural gas	10	0	2						
Nuclear heat	11 020	10 668	12 422	12 277	12 367	8 694	6 733	-1.95	-5.83
Renewable energies	481	443	534	875	2 268	2 945	2 959	+7.54	+12.96
Non-renewable wastes	300	409	443	502	738	679	675	+3.30	+3.00
Net imports	39 551	46 643	50 498	53 428	53 559	47 128	50 625	+0.99	-0.54
Solid fossil fuels	9 611	9 423	7 300	5 241	3 699	3 387	3 095	-4.43	-5.13
Crude oil & other hydrocarbons	26 703	26 271	34 020	32 129	30 856	32 301	31 851	+0.71	-0.09
Petroleum products	- 4 660	94	- 4 576	417	1 593	- 3 358	- 675	-7.44	
Natural gas	8 217	10 418	13 278	14 817	16 791	12 831	13 873	+2.12	-0.66
Renewable energies		85	104	281	571	453	675		+9.16
Gross inland consumption	48 593	53 831	59 303	59 060	60 902	53 549	54 217	+0.44	-0.85
Solid fossil fuels	10 597	8 652	8 002	5 172	3 763	3 333	3 183	-4.70	-4.74
Crude oil & petroleum products	18 346	22 613	24 058	24 670	24 407	23 249	24 218	+1.12	-0.18
Gas	8 169	10 611	13 369	14 741	16 746	12 683	13 967	+2.17	-0.54
Nuclear heat	11 020	10 668	12 422	12 277	12 367	8 694	6 733	-1.95	-5.83
Renewable energies	481	528	638	1 156	2 833	3 398	3 633	+8.42	+12.14
Non-renewable wastes	300	409	443	502	738	679	677	+3.31	+3.03
Transformation input	53 301	51 358	61 543	60 485	58 679	52 123	50 549	-0.21	-1.78
Conventional thermal power stations	6 555	7 160	7 037	7 715	8 406	5 918	6 584	+0.02	-1.57
Nuclear power stations	11 020	10 668	12 422	12 277	12 367	8 694	6 733	-1.95	-5.83
District heating plants	12	8	45	29	6	15	4	-3.91	-17.22
Coke-ovens	5 010	3 305	2 699	2 362	1 815	1 365	1 165	-5.67	-6.82
Blast-furnaces	1 095	997	939	807	600	613	592	-2.43	-3.05
Refineries	29 607	29 207	38 398	37 289	35 261	35 518	35 470	+0.73	-0.50
BKB / PB plants									
Transformation output	41 492	39 846	49 654	48 442	46 391	43 766	43 279	+0.17	-1.12
Conventional thermal power stations	2 570	2 968	3 451	3 760	4 671	3 437	3 867	+1.65	+0.28
Nuclear power stations	3 673	3 556	4 141	4 092	4 122	2 898	2 244	-1.95	-5.83
District heating plants	10	6	38	7	4	12	3	-5.07	-9.14
Coke-ovens	4 541	3 105	2 687	2 487	1 742	1 299	1 108	-5.49	-7.77
Blast-furnaces	1 095	997	939	807	600	613	592	-2.43	-3.05
Refineries	29 602	29 199	38 395	37 284	35 252	35 508	35 466	+0.73	-0.50
BKB / PB plants									
<i>of which: electricity</i>	6 021	6 291	7 076	7 325	7 882	5 478	5 210	-0.58	-3.35
<i>of which: derived heat</i>	233	238	553	534	915	868	904	+5.58	+5.40
Exchanges, transfers and returns	120	137	205	218	137	95	118		
Consumption of the energy branch	2 334	2 195	2 405	2 424	2 616	2 203	2 238	-0.17	-0.79
Distribution losses	322	330	388	394	474	358	364	+0.49	-0.80
Energy available for final consumption	34 248	39 932	44 825	44 418	45 660	42 725	44 463	+1.05	+0.01
Solid fossil fuels	4 180	3 108	3 947	2 218	1 816	1 896	1 823	-3.27	-1.94
Gas/Diesel Oil (w/o bio)	8 527	9 823	10 660	11 933	12 222	10 236	10 985	+1.02	-0.82
Motor Gasoline (w/o bio)	2 841	2 976	2 357	1 824	1 241	1 320	1 405	-2.78	-2.58
Kerosene Type Jet Fuel	954	942	1 489	1 256	1 448	1 345	1 493	+1.81	+1.75
Naphtha	1 395	3 751	4 317	4 593	4 321	4 973	4 478	+4.78	-0.25
LPG	444	628	630	296	1 320	2 046	2 512	+7.18	+23.86
All other oil & petroleum products	2 715	3 049	3 035	3 111	2 560	2 144	2 200	-0.84	-3.41
Natural gas	6 760	8 519	10 134	10 590	10 842	9 135	9 934	+1.55	-0.64
Derived gases	849	590	564	496	423	333	310	-3.96	-4.60
Solid biomass & charcoal	321	340	405	614	1 101	1 134	1 191	+5.38	+6.85
Liquid biofuels				1	400	422	264		+87.13
All other renewable energies	4	8	4	28	41	109	120	+14.85	+15.88
Non-renewable wastes	52	87	124	123	137	160	144	+4.13	+1.55
Electricity	4 986	5 885	6 667	6 908	7 168	6 946	7 093	+1.42	+0.27
Derived heat	221	225	492	428	620	525	512	+3.42	+1.79
Statistical difference	- 390	- 331	313	111	670	133	167		
Final non-energy consumption	3 135	5 917	6 986	7 726	7 359	8 396	8 516	+4.08	+0.98
Final energy consumption	31 503	34 345	37 526	36 580	37 631	34 196	35 780	+0.51	-0.22
Industry	12 061	11 912	14 098	11 712	12 063	11 922	11 891	-0.06	+0.15
Transport	7 807	8 566	9 661	9 948	10 345	9 898	10 444	+1.17	+0.49
<i>Road transport</i>	6 467	7 113	7 740	8 260	8 545	8 194	8 572	+1.13	+0.37
<i>Domestic & International aviation</i>	955	947	1 524	1 283	1 377	1 332	1 454	+1.70	+1.26
Other sectors	11 635	13 868	13 767	14 920	15 223	12 376	13 445	+0.58	-1.04
<i>Services</i>	2 876	3 463	3 476	4 152	5 027	4 225	4 557	+1.86	+0.94
<i>Residential</i>	8 269	9 301	9 474	9 925	9 411	7 404	8 136	-0.06	-1.97

Source: Eurostat (nrg_100a)

Bulgaria, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	11 986	5 832	24	85	3 983	2 033	30		
+ Primary production receipt									
+ Other sources (recovered products)	144	34	111						
+ Recycled products	4		4						
+ Imports	12 513	756	8 732	2 519		140		366	
+ Stock changes	- 127	12	- 108	- 7		- 25			
- Exports	5 928	15	4 481	2		155		1 275	
- Bunkers	87		87						
- Direct use	- 5		- 5						
Gross inland consumption	18 511	6 619	4 201	2 595	3 983	1 992	30	- 909	
Transformation input	19 062	7 141	6 920	948	3 983	59			12
+ Conventional thermal power stations	7 075	6 227	170	620		46			12
+ Nuclear power stations	3 983				3 983				
+ District heating plants	225	4	2	212		8			
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	6 747		6 747						
+ Patent fuel plants									
+ BKB/PB plants	911	911							
+ Charcoal production plants	5					5			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	116			116					
Transformation output	11 856	448	6 741			4		3 461	1 202
+ Conventional thermal power stations	3 082							2 138	944
+ Nuclear power stations	1 338							1 323	15
+ District heating plants	243								243
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	6 741		6 741						
+ Patent fuel plants									
+ BKB/PB plants	448	448							
+ Charcoal production plants	4					4			
Exchanges, transfers and returns	- 8		- 8			- 731		731	
Consumption of the energy branch	1 154	1	359	42				519	233
Distribution losses	489	10	1	13				325	140
Available for final consumption	9 654	- 85	3 655	1 591		1 207	30	2 438	818
Statistical difference	- 461	- 473	4	6		0		2	0
Final non-energy consumption	607	55	280	272					
Final energy consumption	9 508	333	3 371	1 314		1 207	30	2 436	818
+ Industry	2 713	185	180	919		260	30	769	370
+ Iron and Steel	111			50				61	
+ Chemical and Petrochemical	874	105	16	319		11		114	310
+ Non-ferrous metals	134	1	13	33				74	13
+ Non-metallic minerals	535	74	91	253		12	30	76	0
+ Transport eEquipment	18			7		0		10	0
+ Machinery	125	1	4	38		1		80	1
+ Mining and Quarrying	116		6	19		0		92	
+ Food, Beverages and Tobacco	249	2	11	94		28		103	11
+ Paper, Pulp and Printing	245	1		46		163		35	0
+ Wood and Wood products	62	1		4		40		18	
+ Construction	86		35	26		0		22	2
+ Textile and Leather	67	3	3	18		3		33	7
+ Not elsewhere specified (Industry)	94		1	12		3		51	26
+ Transport	3 402		2 987	238		146		30	
+ Rail	39		16					23	
+ Road	3 024		2 781	92		146		5	
+ International aviation	177		177						
+ Domestic aviation	13		13						
+ Domestic navigation									
+ Pipeline transport	149			147				2	
+ Not elsewhere specified (Transport)									
+ Other sectors	3 392	148	203	156		800		1 636	448
+ Commercial and public services	992	6	20	89		63		702	113
+ Residential	2 195	136	34	52		726		915	333
+ Agriculture / Forestry	186	7	131	16		11		19	3
+ Fishing	0							0	
+ Not elsewhere specified (Other)	19		19						

Source: Eurostat (nrg_100a)

Bulgaria	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	9 278	10 242	9 843	10 599	10 477	11 263	11 986	+1.03	+1.24
Solid fossil fuels	5 091	5 287	4 295	4 178	4 927	5 106	5 832	+0.54	+3.39
Crude oil & other hydrocarbons	57	40	45	29	23	26	24	-3.33	-1.74
Natural gas	11	40	12	384	59	159	85	+8.39	-14.06
Nuclear heat	3 783	4 458	4 699	4 826	3 956	4 107	3 983	+0.21	-1.90
Renewable energies	336	418	780	1 124	1 504	1 842	2 033	+7.47	+6.11
Non-renewable wastes			12	58	8	23	30		-6.48
Net imports	17 386	12 830	8 544	9 276	7 078	6 157	6 585	-3.81	-3.37
Solid fossil fuels	3 595	2 420	2 258	2 553	1 700	931	741	-6.12	-11.63
Crude oil & other hydrocarbons	7 755	7 388	5 228	6 145	5 919	5 893	6 489	-0.71	+0.55
Petroleum products	282	- 1 518	- 1 284	- 1 202	- 1 891	- 2 016	- 2 238		+6.41
Natural gas	5 430	4 563	2 742	2 458	2 131	2 222	2 517	-3.03	+0.24
Renewable energies	- 2	- 9	- 2	- 26	- 55	- 59	- 15	+8.67	-5.56
Gross inland consumption	27 650	22 689	18 523	19 754	17 774	17 744	18 511	-1.59	-0.65
Solid fossil fuels	8 717	7 621	6 433	6 895	6 891	6 396	6 619	-1.09	-0.41
Crude oil & petroleum products	9 095	5 628	4 068	4 724	3 888	3 880	4 201	-3.04	-1.17
Gas	5 396	4 584	2 931	2 804	2 300	2 363	2 595	-2.89	-0.77
Nuclear heat	3 783	4 458	4 699	4 826	3 956	4 107	3 983	+0.21	-1.90
Renewable energies	334	411	776	1 098	1 457	1 789	1 992	+7.41	+6.14
Non-renewable wastes			12	58	8	23	30		-6.48
Transformation input	26 006	23 486	18 197	20 191	18 847	18 775	19 062	-1.23	-0.57
Conventional thermal power stations	9 623	8 002	5 964	6 668	7 523	7 061	7 075	-1.22	+0.60
Nuclear power stations	3 783	4 458	4 699	4 826	3 956	4 107	3 983	+0.21	-1.90
District heating plants	2 783	1 414	324	368	304	189	225	-9.57	-4.78
Coke-ovens	1 146	1 219	1 034	719					
Blast-furnaces	211	291	269	181					
Refineries	7 843	7 430	5 309	6 419	6 041	6 175	6 747	-0.60	+0.50
BKB / PB plants	618	650	577	991	971	1 203	911	+1.56	-0.84
Transformation output	18 308	15 811	11 404	12 605	11 575	11 550	11 856	-1.72	-0.61
Conventional thermal power stations	4 776	3 779	2 596	2 721	3 209	3 120	3 082	-1.74	+1.25
Nuclear power stations	1 261	1 490	1 573	1 618	1 334	1 379	1 338	+0.24	-1.88
District heating plants	2 442	1 313	308	313	337	212	243	-8.81	-2.47
Coke-ovens	1 097	1 044	816	649					
Blast-furnaces	211	291	269	181					
Refineries	7 828	7 412	5 304	6 410	6 037	6 170	6 741	-0.60	+0.50
BKB / PB plants	693	483	537	712	648	665	448	-1.73	-4.53
<i>of which: electricity</i>	3 462	3 394	3 265	3 408	3 462	3 417	3 461	-0.00	+0.15
<i>of which: derived heat</i>	5 017	3 188	1 212	1 245	1 418	1 294	1 202	-5.55	-0.34
Exchanges, transfers and returns	0			- 8	1	- 13	- 8		
Consumption of the energy branch	1 357	1 434	990	1 021	1 164	1 055	1 154	-0.65	+1.23
Distribution losses	702	655	753	580	549	498	489	-1.44	-1.69
Energy available for final consumption	17 892	12 926	9 987	10 559	8 790	8 953	9 654	-2.44	-0.89
Solid fossil fuels	1 988	1 281	794	428	- 71	- 277	- 85		
Gas/Diesel Oil (w/o bio)	2 426	1 169	1 216	1 779	1 659	1 841	2 001	-0.77	+1.19
Motor Gasoline (w/o bio)	1 431	1 241	710	571	624	505	521	-3.96	-0.91
Kerosene Type Jet Fuel	279	327	101	201	182	178	188	-1.57	-0.66
Naphtha	748	630	499	298			1	-23.10	-43.15
LPG	81	78	238	484	419	479	517	+7.68	+0.67
All other oil & petroleum products	494	385	917	978	450	381	426	-0.59	-7.98
Natural gas	2 575	2 129	1 711	1 693	1 269	1 414	1 591	-1.91	-0.62
Derived gases	122	233	293	198					
Solid biomass & charcoal	172	188	547	691	881	951	994	+7.26	+3.70
Liquid biofuels					14	111	147		
All other renewable energies				33	54	60	66		+7.36
Non-renewable wastes			8	54	8	23	30		-5.80
Electricity	3 033	2 467	2 085	2 211	2 338	2 385	2 438	-0.87	+0.98
Derived heat	4 543	2 798	866	939	964	902	818	-6.63	-1.37
Statistical difference	100	271	- 98	- 476	- 476	- 570	- 461		
Final non-energy consumption	1 427	1 233	979	849	422	512	607	-3.36	-3.30
Final energy consumption	16 366	11 421	9 106	10 186	8 843	9 012	9 508	-2.15	-0.69
Industry	9 017	6 011	3 967	4 039	2 561	2 620	2 713	-4.69	-3.90
Transport	2 558	1 848	2 013	2 902	2 862	3 107	3 402	+1.15	+1.60
<i>Road transport</i>	1 995	1 366	1 663	2 415	2 491	2 729	3 024	+1.68	+2.27
<i>Domestic & International aviation</i>	284	333	101	202	183	179	190	-1.59	-0.60
Other sectors	4 791	3 562	3 126	3 245	3 420	3 284	3 392	-1.37	+0.44
<i>Services</i>	115	194	648	824	989	926	992	+9.01	+1.87
<i>Residential</i>	2 405	2 474	2 155	2 117	2 246	2 167	2 195	-0.37	+0.36

Source: Eurostat (nrg_100a)

Czech Republic, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	28 756	16 843	207	205	6 945	4 279	277		
+ Primary production receipt									
+ Other sources (recovered products)	278	220	59						
+ Recycled products	15		15						
+ Imports	21 944	2 814	11 210	6 164		366		1 388	1
+ Stock changes	- 99	- 191	- 28	114		6			
- Exports	8 400	3 105	2 456			372		2 464	2
- Bunkers									
- Direct use	52		52						
Gross inland consumption	42 442	16 580	8 955	6 483	6 945	4 279	277	- 1 076	- 1
Transformation input	32 495	14 785	7 713	1 834	6 945	1 152	56	1	9
+ Conventional thermal power stations	13 907	11 406	44	1 288		1 115	46		9
+ Nuclear power stations	6 945				6 945				
+ District heating plants	651	51	6	546		38	10	1	
+ Coke ovens	2 197	2 197							
+ Blast furnaces	610	610							
+ Gas works	521	521							
+ Refineries	7 664		7 664						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	20 406	1 758	7 663	1 383				6 705	2 897
+ Conventional thermal power stations	6 664							4 398	2 267
+ Nuclear power stations	2 329							2 308	21
+ District heating plants	609								609
+ Coke ovens	2 165	1 758		407					
+ Blast furnaces	610			610					
+ Gas works	366			366					
+ Refineries	7 663		7 663						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	6	6				- 398		398	
Consumption of the energy branch	2 312	277	254	342				792	648
Distribution losses	679	23		146				350	160
Available for final consumption	27 369	3 253	8 656	5 544		2 728	222	4 885	2 080
Statistical difference	665	471	- 7	2		- 0		201	- 2
Final non-energy consumption	2 517	454	1 948	115					
Final energy consumption	24 187	2 329	6 715	5 428		2 729	222	4 684	2 081
+ Industry	7 473	1 454	307	2 482		479	189	1 947	616
+ Iron and Steel	1 900	1 029		561		0		229	80
+ Chemical and Petrochemical	1 096	182	41	307		0	3	304	259
+ Non-ferrous metals	72	3		36		0		33	1
+ Non-metallic minerals	1 051	133	14	511		1	186	197	9
+ Transport eEquipment	419	6	2	134		0		240	37
+ Machinery	689	13	5	263		4		344	60
+ Mining and Quarrying	84			53		0		30	1
+ Food, Beverages and Tobacco	584	48	7	303		13		136	75
+ Paper, Pulp and Printing	611	33	4	110		294		145	26
+ Wood and Wood products	225	1	3	21		157		41	2
+ Construction	176	2	53	84		3		26	8
+ Textile and Leather	115	2	1	51		0		54	7
+ Not elsewhere specified (Industry)	452	1	177	48		5	0	169	51
+ Transport	6 489	1	5 987	66		297		138	
+ Rail	216	1	86					129	
+ Road	5 902		5 564	36		297		6	
+ International aviation	295		295						
+ Domestic aviation	38		38						
+ Domestic navigation	3		3						
+ Pipeline transport	34			31				3	
+ Not elsewhere specified (Transport)									
+ Other sectors	10 225	874	422	2 880		1 953	32	2 599	1 465
+ Commercial and public services	2 852	25	27	982		63	32	1 279	443
+ Residential	6 693	839	45	1 789		1 767		1 237	1 016
+ Agriculture / Forestry	607	9	336	49		124		82	6
+ Fishing	1			0				1	
+ Not elsewhere specified (Other)	72	1	13	59					

Source: Eurostat (nrg_100a)

Czech Republic	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	41 082	32 317	30 809	33 165	31 900	29 611	28 756	-1.42	-1.42
Solid fossil fuels	36 295	27 277	25 049	23 570	20 730	16 847	16 843	-3.02	-3.30
Crude oil & other hydrocarbons	186	227	386	590	269	261	207	+0.42	-9.96
Natural gas	201	198	169	154	202	212	205	+0.08	+2.89
Nuclear heat	3 246	3 155	3 506	6 405	7 248	7 843	6 945	+3.09	+0.81
Renewable energies	1 141	1 426	1 612	2 274	3 251	4 197	4 279	+5.43	+6.53
Non-renewable wastes	13	34	87	172	201	251	277	+13.01	+4.90
Net imports	7 684	8 596	9 411	12 638	11 586	12 790	13 544	+2.29	+0.70
Solid fossil fuels	- 5 661	- 5 782	- 4 721	- 3 270	- 2 831	- 676	- 291	-11.20	-21.49
Crude oil & other hydrocarbons	7 419	6 977	5 596	7 730	7 840	7 506	7 262	-0.09	-0.62
Petroleum products	1 201	936	1 916	1 919	1 139	1 427	1 493	+0.87	-2.48
Natural gas	4 786	6 424	7 482	7 535	6 846	5 952	6 164	+1.02	-1.99
Renewable energies		5	3	- 187	- 119	- 15	- 6		
Gross inland consumption	50 091	41 943	41 367	45 425	45 429	42 240	42 442	-0.66	-0.68
Solid fossil fuels	31 455	22 660	21 643	20 248	18 768	16 037	16 580	-2.53	-1.98
Crude oil & petroleum products	9 038	8 075	7 881	9 899	9 300	9 154	8 955	-0.04	-1.00
Gas	5 257	6 552	7 500	7 703	8 070	6 182	6 483	+0.84	-1.71
Nuclear heat	3 246	3 155	3 506	6 405	7 248	7 843	6 945	+3.09	+0.81
Renewable energies	1 141	1 431	1 615	2 087	3 130	4 176	4 279	+5.43	+7.44
Non-renewable wastes	13	34	87	172	201	251	277	+13.01	+4.90
Transformation input	35 747	33 114	30 609	35 456	35 536	33 829	32 495	-0.38	-0.87
Conventional thermal power stations	15 036	15 340	15 636	15 700	15 395	13 834	13 907	-0.31	-1.21
Nuclear power stations	3 246	3 155	3 506	6 405	7 248	7 843	6 945	+3.09	+0.81
District heating plants	1 178	1 387	975	916	938	639	651	-2.35	-3.36
Coke-ovens	5 805	4 496	3 109	3 057	2 322	2 366	2 197	-3.81	-3.25
Blast-furnaces	865	717	680	641	660	635	610	-1.39	-0.49
Refineries	7 965	7 284	6 151	8 144	8 330	7 988	7 664	-0.15	-0.61
BKB / PB plants	544	295	136	157	92				
Transformation output	24 741	21 847	19 561	22 466	22 351	21 131	20 406	-0.77	-0.96
Conventional thermal power stations	6 984	7 017	7 427	7 243	7 251	6 555	6 664	-0.19	-0.83
Nuclear power stations	1 082	1 052	1 169	2 152	2 433	2 628	2 329	+3.11	+0.79
District heating plants	890	1 170	847	769	880	606	609	-1.50	-2.29
Coke-ovens	5 877	4 064	2 865	3 057	2 349	2 349	2 165	-3.92	-3.39
Blast-furnaces	865	717	680	641	660	635	610	-1.39	-0.49
Refineries	7 965	7 284	6 150	8 142	8 328	7 987	7 663	-0.15	-0.61
BKB / PB plants	510	294	121	144	69				
<i>of which: electricity</i>	5 255	5 036	6 118	6 838	7 014	6 929	6 705	+0.98	-0.20
<i>of which: derived heat</i>	3 702	4 202	3 325	3 326	3 549	2 860	2 897	-0.98	-1.37
Exchanges, transfers and returns	- 22	- 13	0	1	- 6	7	6		
Consumption of the energy branch	2 165	1 646	1 876	1 803	2 492	2 313	2 312	+0.26	+2.52
Distribution losses	662	923	940	1 087	741	657	679	+0.10	-4.59
Energy available for final consumption	36 237	28 094	27 503	29 545	29 005	26 579	27 369	-1.12	-0.76
Solid fossil fuels	14 065	5 542	5 532	4 395	3 196	2 662	3 253	-5.69	-2.96
Gas/Diesel Oil (w/o bio)	3 387	2 617	2 699	3 818	3 965	4 177	4 395	+1.05	+1.42
Motor Gasoline (w/o bio)	1 202	1 694	1 909	2 098	1 868	1 581	1 570	+1.08	-2.86
Kerosene Type Jet Fuel	175	209	178	342	341	309	330	+2.56	-0.37
Naphtha	805	496	583	928	963	1 091	678	-0.68	-3.09
LPG	144	197	290	277	194	357	292	+2.86	+0.51
All other oil & petroleum products	2 665	2 224	1 655	1 942	1 603	1 345	1 391	-2.57	-3.28
Natural gas	4 244	5 150	5 919	6 184	6 640	4 901	5 120	+0.75	-1.87
Derived gases	1 407	1 026	613	556	465	441	424	-4.68	-2.67
Solid biomass & charcoal	1 031	1 103	1 129	1 603	1 932	2 196	2 251	+3.17	+3.46
Liquid biofuels		16	62	3	232	319	296		+59.41
All other renewable energies	2	4	6	34	84	176	181	+20.82	+18.10
Non-renewable wastes	8	18	57	132	161	197	222	+14.43	+5.33
Electricity	4 142	4 134	4 246	4 754	4 830	4 796	4 885	+0.66	+0.27
Derived heat	2 959	3 664	2 624	2 478	2 529	2 031	2 080	-1.40	-1.74
Statistical difference	1 816	- 545	339	268	700	2	665		
Final non-energy consumption	1 714	2 318	2 093	2 948	2 927	2 952	2 517	+1.55	-1.57
Final energy consumption	32 707	26 320	25 071	26 330	25 378	23 625	24 187	-1.20	-0.85
Industry	17 279	12 510	10 129	9 681	7 969	7 406	7 473	-3.30	-2.55
Transport	2 793	2 838	4 368	6 095	6 229	6 241	6 489	+3.43	+0.63
<i>Road transport</i>	2 298	2 426	3 837	5 442	5 588	5 673	5 902	+3.85	+0.82
<i>Domestic & International aviation</i>	223	191	200	345	343	311	333	+1.63	-0.34
Other sectors	12 635	10 972	10 574	10 554	11 180	9 977	10 225	-0.84	-0.32
<i>Services</i>	3 026	2 421	2 972	3 105	3 154	2 799	2 852	-0.24	-0.85
<i>Residential</i>	7 315	6 581	6 423	6 649	7 399	6 490	6 693	-0.35	+0.07

Source: Eurostat (nrg_100a)

Denmark, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	15 709		7 654	4 144		3 528	382		
+ Primary production receipt									
+ Other sources (recovered products)	15		1	15					
+ Recycled products									
+ Imports	18 565	1 518	13 803	591		1 260	45	1 345	4
+ Stock changes	- 492	259	- 835	84		- 0			
- Exports	16 264	50	13 384	1 967		26		837	
- Bunkers	766		766						
- Direct use	1		1						
Gross inland consumption	16 766	1 727	6 472	2 867		4 762	427	508	4
Transformation input	14 153	1 622	9 230	837		2 038	406	21	
+ Conventional thermal power stations	4 030	1 619	83	449		1 510	369		
+ Nuclear power stations									
+ District heating plants	979	2	18	373		527	38	21	
+ Coke ovens									
+ Blast furnaces									
+ Gas works	14			14					
+ Refineries	9 129		9 129						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	13 403		9 124					1 220	3 059
+ Conventional thermal power stations	3 275							1 220	2 054
+ Nuclear power stations									
+ District heating plants	1 005								1 005
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	9 124		9 124						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	12		12			- 1 269		1 269	
Consumption of the energy branch	1 157		372	575		2		179	29
Distribution losses	769			3				158	607
Available for final consumption	14 103	105	6 006	1 452		1 453	20	2 640	2 427
Statistical difference	- 95	- 13	- 84	- 16		6	- 0	0	12
Final non-energy consumption	252		252						
Final energy consumption	13 946	118	5 837	1 467		1 448	21	2 640	2 415
+ Industry	2 110	100	394	656		141	16	722	80
+ Iron and Steel	85		2	39		0		39	4
+ Chemical and Petrochemical	259	12	6	112				115	13
+ Non-ferrous metals									
+ Non-metallic minerals	437	56	172	101		20	15	64	7
+ Transport eEquipment	16		1	5		1		8	1
+ Machinery	224		19	51		17	0	123	14
+ Mining and Quarrying	76	3	20	16		29		7	1
+ Food, Beverages and Tobacco	587	29	49	266		13	0	205	24
+ Paper, Pulp and Printing	75		3	35		3	0	30	4
+ Wood and Wood products	71		3	2		46		18	2
+ Construction	157		115	10		0		31	
+ Textile and Leather	17			5		0		10	1
+ Not elsewhere specified (Industry)	107		3	13		11	0	71	8
+ Transport	4 949		4 681	2		232		34	
+ Rail	115		81					34	
+ Road	3 755		3 521	2		232			
+ International aviation	883		883						
+ Domestic aviation	30		30						
+ Domestic navigation	135		135						
+ Pipeline transport									
+ Not elsewhere specified (Transport)	32		32						
+ Other sectors	6 886	18	761	809		1 075	4	1 884	2 335
+ Commercial and public services	1 867		63	175		41	4	855	728
+ Residential	4 254		239	592		979		875	1 569
+ Agriculture / Forestry	634	18	335	35		55		153	38
+ Fishing	124		124						
+ Not elsewhere specified (Other)	7			7					

Source: Eurostat (nrg_100a)

Denmark	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	10 001	15 525	27 568	30 761	22 901	15 735	15 709	+1.82	-6.50
Solid fossil fuels									
Crude oil & other hydrocarbons	6 033	9 285	18 092	18 457	12 039	8 084	7 654	+0.96	-8.43
Natural gas	2 770	4 702	7 412	9 383	7 343	4 138	4 144	+1.62	-7.85
Nuclear heat									
Renewable energies	1 032	1 293	1 738	2 514	3 113	3 133	3 528	+5.04	+3.45
Non-renewable wastes	167	246	327	406	406	379	382	+3.38	-0.61
Net imports	8 633	7 274	- 7 366	- 10 126	- 3 253	2 146	2 301	-5.15	
Solid fossil fuels	6 215	7 661	3 783	3 505	2 642	2 526	1 468	-5.61	-8.34
Crude oil & other hydrocarbons	2 013	1 351	- 8 783	- 10 933	- 5 033	- 1 636	- 578		
Petroleum products	724	- 183	397	1 865	1 447	955	996	+1.28	-6.08
Natural gas	- 928	- 1 496	- 2 882	- 5 010	- 3 022	- 1 314	- 1 376	+1.59	-12.12
Renewable energies		6	59	326	806	1 330	1 234		+14.23
Gross inland consumption	17 898	20 203	19 736	19 556	20 044	16 803	16 766	-0.26	-1.53
Solid fossil fuels	6 087	6 496	3 985	3 713	3 809	2 407	1 727	-4.92	-7.37
Crude oil & petroleum products	8 148	9 026	9 101	8 063	7 568	6 443	6 472	-0.92	-2.17
Gas	1 856	3 202	4 465	4 413	4 435	2 820	2 867	+1.75	-4.22
Nuclear heat									
Renewable energies	1 032	1 298	1 797	2 840	3 920	4 467	4 762	+6.31	+5.31
Non-renewable wastes	167	246	327	406	406	416	427	+3.83	+0.49
Transformation input	15 056	19 194	16 808	15 375	15 682	12 577	14 153	-0.25	-0.82
Conventional thermal power stations	6 022	8 470	7 834	7 127	7 623	4 786	4 030	-1.59	-5.54
Nuclear power stations									
District heating plants	1 010	763	521	534	869	906	979	-0.12	+6.24
Coke-ovens									
Blast-furnaces									
Refineries	7 982	9 931	8 435	7 700	7 175	6 870	9 129	+0.54	+1.72
BKB / PB plants									
Transformation output	12 366	15 830	14 013	13 322	13 469	11 374	13 403	+0.32	+0.06
Conventional thermal power stations	3 477	5 151	5 052	5 074	5 439	3 588	3 275	-0.24	-4.28
Nuclear power stations									
District heating plants	908	750	527	553	861	921	1 005	+0.40	+6.14
Coke-ovens									
Blast-furnaces									
Refineries	7 980	9 929	8 434	7 695	7 169	6 865	9 124	+0.54	+1.72
BKB / PB plants									
<i>of which: electricity</i>	2 179	3 057	2 733	2 546	2 668	1 590	1 220	-2.29	-7.09
<i>of which: derived heat</i>	2 207	2 844	2 846	3 082	3 632	2 919	3 059	+1.31	-0.07
Exchanges, transfers and returns	- 2	- 0	- 0	- 6	- 0	- 0	12		
Consumption of the energy branch	771	1 037	1 171	1 285	1 215	1 141	1 157	+1.64	-1.05
Distribution losses	659	768	750	743	942	749	769	+0.62	+0.34
Energy available for final consumption	13 776	15 034	15 020	15 470	15 674	13 710	14 103	+0.09	-0.92
Solid fossil fuels	401	393	315	268	36	89	105	-5.22	-8.93
Gas/Diesel Oil (w/o bio)	3 879	3 898	3 638	3 693	3 947	3 470	3 518	-0.39	-0.49
Motor Gasoline (w/o bio)	1 665	1 937	2 055	1 954	1 694	1 346	1 352	-0.83	-3.62
Kerosene Type Jet Fuel	697	739	855	975	858	956	932	+1.17	-0.45
Naphtha			3		1				
LPG	102	93	81	73	55	42	48	-2.95	-3.97
All other oil & petroleum products	1 111	780	702	630	408	180	156	-7.54	-13.00
Natural gas	1 122	1 661	1 652	1 615	1 738	1 393	1 438	+1.00	-1.15
Derived gases	37	30	16	13	13	16	14	-3.83	+0.81
Solid biomass & charcoal	536	552	602	854	1 182	958	1 149	+3.10	+3.01
Liquid biofuels					28	245	238		
All other renewable energies	20	29	38	61	54	62	67	+4.96	+0.88
Non-renewable wastes	10	14	17	29	19	24	20	+2.86	-3.44
Electricity	2 439	2 663	2 791	2 878	2 761	2 625	2 640	+0.32	-0.86
Derived heat	1 757	2 244	2 255	2 428	2 880	2 305	2 427	+1.30	-0.01
Statistical difference	15	- 103	1	- 318	- 109	- 58	- 95		
Final non-energy consumption	308	320	301	289	263	252	252	-0.80	-1.35
Final energy consumption	13 453	14 818	14 718	15 499	15 519	13 515	13 946	+0.14	-1.05
Industry	2 674	2 999	2 919	2 846	2 410	2 094	2 110	-0.94	-2.95
Transport	4 027	4 542	4 816	5 324	5 179	4 899	4 949	+0.83	-0.73
<i>Road transport</i>	3 070	3 475	3 682	4 038	4 021	3 687	3 755	+0.81	-0.72
<i>Domestic & International aviation</i>	656	685	831	900	854	935	913	+1.33	+0.15
Other sectors	6 751	7 276	6 984	7 329	7 930	6 522	6 886	+0.08	-0.62
<i>Services</i>	1 740	1 838	1 843	2 002	2 128	1 815	1 867	+0.28	-0.70
<i>Residential</i>	4 006	4 479	4 162	4 452	4 914	3 957	4 254	+0.24	-0.45

Source: Eurostat (nrg_100a)

Germany, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	119 770	43 004	3 616	6 335	23 677	38 886	4 252		
+ Primary production receipt	3 543		3 543						
+ Other sources (recovered products)	464		464						
+ Recycled products	456		456						
+ Imports	255 760	37 452	128 164	85 919		1 043		3 182	
+ Stock changes	364	345	- 125	143					
- Exports	59 745	1 286	22 305	27 243		1 575		7 334	3
- Bunkers	2 398		2 398						
- Direct use	4 011		4 011						
Gross inland consumption	314 203	79 515	107 406	65 154	23 677	38 354	4 252	- 4 151	- 3
Transformation input	234 006	77 443	101 184	16 419	23 677	12 070	3 213		
+ Conventional thermal power stations	89 509	60 910	542	14 255		11 139	2 663		
+ Nuclear power stations	23 677				23 677				
+ District heating plants	4 143	375	122	2 164		931	551		
+ Coke ovens	8 504	8 057	446						
+ Blast furnaces	4 486	4 486							
+ Gas works									
+ Refineries	100 073		100 073						
+ Patent fuel plants									
+ BKB/PB plants	3 615	3 615							
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	169 538	9 170	100 026	6 073				43 341	10 929
+ Conventional thermal power stations	43 272							35 449	7 823
+ Nuclear power stations	7 892							7 892	
+ District heating plants	3 106								3 106
+ Coke ovens	7 577	5 990		1 586					
+ Blast furnaces	4 486			4 486					
+ Gas works									
+ Refineries	100 026		100 026						
+ Patent fuel plants									
+ BKB/PB plants	3 180	3 180							
+ Charcoal production plants									
Exchanges, transfers and returns	56		56			- 11 772		11 772	
Consumption of the energy branch	12 835	219	5 286	2 018		527	12	4 501	271
Distribution losses	3 821			536		23		2 202	1 059
Available for final consumption	233 136	11 023	101 018	52 253		13 962	1 026	44 259	9 594
Statistical difference	- 254	257	1 372	- 1 883				0	
Final non-energy consumption	21 266	367	18 527	2 372					
Final energy consumption	212 124	10 399	81 119	51 764		13 962	1 026	44 259	9 594
+ Industry	60 951	9 613	3 052	21 162		2 619	1 026	19 336	4 142
+ Iron and Steel	13 574	6 660	181	4 454		2		2 241	36
+ Chemical and Petrochemical	14 717	974	1 615	4 951		73	186	4 597	2 321
+ Non-ferrous metals	2 312	32	74	808		0	6	1 365	26
+ Non-metallic minerals	6 485	1 311	409	2 484		444	760	1 057	19
+ Transport eEquipment	2 878	3	44	911		7	0	1 592	321
+ Machinery	5 130	8	236	1 714		62	0	2 874	237
+ Mining and Quarrying	362	57	29	103		21		150	3
+ Food, Beverages and Tobacco	4 886	204	185	2 642		56		1 564	235
+ Paper, Pulp and Printing	5 672	356	51	2 074		620	74	1 833	663
+ Wood and Wood products	1 792		13	123		1 201	0	386	68
+ Construction									
+ Textile and Leather	515	6	22	235		2		194	55
+ Not elsewhere specified (Industry)	2 628	2	191	662		131		1 482	159
+ Transport	63 168		59 205	427		2 567		970	
+ Rail	1 288		319			17		952	
+ Road	52 430		49 685	176		2 550		18	
+ International aviation	8 010		8 010						
+ Domestic aviation	730		730						
+ Domestic navigation	319		319						
+ Pipeline transport	250			250					
+ Not elsewhere specified (Transport)	141		141						
+ Other sectors	88 004	785	18 863	30 175		8 776		23 953	5 452
+ Commercial and public services	34 716	184	7 023	10 436		2 804		12 887	1 382
+ Residential	53 171	601	11 722	19 739		5 972		11 066	4 070
+ Agriculture / Forestry									
+ Fishing									
+ Not elsewhere specified (Other)	118		118						

Source: Eurostat (nrg_100a)

Germany	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	186 410	144 874	135 234	136 794	128 676	119 881	119 770	-1.75	-1.32
Solid fossil fuels	121 774	78 939	60 629	56 484	45 906	44 133	43 004	-4.08	-2.69
Crude oil & other hydrocarbons	5 358	3 909	4 389	5 220	3 782	3 509	3 616	-1.56	-3.60
Natural gas	13 532	15 099	15 800	14 334	11 113	6 864	6 335	-2.99	-7.84
Nuclear heat	39 432	39 512	43 750	42 061	36 257	25 055	23 677	-2.02	-5.58
Renewable energies	5 313	5 977	8 983	16 851	27 712	36 018	38 886	+8.29	+8.72
Non-renewable wastes	1 000	1 437	1 681	1 845	3 906	4 302	4 252	+5.96	+8.71
Net imports	166 856	195 182	204 706	208 193	201 986	194 748	196 015	+0.65	-0.60
Solid fossil fuels	3 394	10 271	21 663	25 972	31 644	35 659	36 166	+9.93	+3.37
Crude oil & other hydrocarbons	89 162	101 597	101 441	111 120	91 908	89 258	89 766	+0.03	-2.11
Petroleum products	32 472	29 999	24 477	9 201	18 222	16 686	16 094	-2.77	+5.75
Natural gas	41 752	52 904	56 865	61 940	61 645	56 673	58 676	+1.37	-0.54
Renewable energies				359	- 141	- 612	- 532		
Gross inland consumption	356 288	341 641	342 333	341 925	332 487	313 239	314 203	-0.50	-0.84
Solid fossil fuels	128 547	91 636	84 802	81 952	78 824	79 617	79 515	-1.90	-0.30
Crude oil & petroleum products	126 544	135 371	130 980	121 475	111 317	108 401	107 406	-0.65	-1.22
Gas	55 375	67 298	71 878	77 782	75 905	63 374	65 154	+0.65	-1.76
Nuclear heat	39 432	39 512	43 750	42 061	36 257	25 055	23 677	-2.02	-5.58
Renewable energies	5 313	5 977	8 983	17 209	27 571	35 406	38 354	+8.23	+8.34
Non-renewable wastes	1 000	1 437	1 681	1 845	3 906	4 302	4 252	+5.96	+8.71
Transformation input	299 502	268 822	264 629	276 080	250 586	235 292	234 006	-0.98	-1.64
Conventional thermal power stations	99 945	89 219	84 561	90 075	90 587	90 873	89 509	-0.44	-0.06
Nuclear power stations	39 432	39 512	43 750	42 061	36 257	25 055	23 677	-2.02	-5.58
District heating plants		1 980	1 198	3 942	4 754	3 883	4 143		+0.50
Coke-ovens	20 621	10 188	8 476	7 540	8 316	8 552	8 504	-3.48	+1.21
Blast-furnaces	4 383	4 681	4 308	4 578	4 524	4 357	4 486	+0.09	-0.20
Refineries	108 844	117 602	119 420	125 047	103 073	98 957	100 073	-0.34	-2.20
BKB / PB plants	23 098	5 162	2 791	2 769	3 075	3 615	3 615	-7.15	+2.70
Transformation output	212 443	190 243	188 455	199 843	177 676	168 313	169 538	-0.90	-1.63
Conventional thermal power stations	43 082	38 648	38 429	43 508	44 404	43 015	43 272	+0.02	-0.05
Nuclear power stations	13 212	13 185	14 584	14 020	12 086	8 352	7 892	-2.04	-5.58
District heating plants		1 910	1 065	3 080	3 632	2 864	3 106		+0.08
Coke-ovens	19 032	9 520	8 099	7 100	7 023	7 533	7 577	-3.62	+0.65
Blast-furnaces	4 383	4 681	4 308	4 578	4 524	4 357	4 486	+0.09	-0.20
Refineries	108 808	117 565	119 366	124 983	103 022	98 905	100 026	-0.34	-2.20
BKB / PB plants	21 377	4 272	2 502	2 509	2 987	3 288	3 180	-7.34	+2.40
<i>of which: electricity</i>	45 585	43 793	46 532	48 809	47 817	43 761	43 341	-0.20	-1.18
<i>of which: derived heat</i>	10 709	9 950	7 546	11 799	12 305	10 470	10 929	+0.08	-0.76
Exchanges, transfers and returns	94	2	43	7	37	- 27	56		
Consumption of the energy branch	16 339	15 073	14 566	14 384	13 378	12 674	12 835	-0.96	-1.13
Distribution losses	4 312	3 977	4 304	4 135	3 612	3 689	3 821	-0.48	-0.79
Energy available for final consumption	248 672	244 014	247 332	247 177	242 625	229 869	233 136	-0.26	-0.58
Solid fossil fuels	34 177	11 543	11 150	9 341	11 584	10 099	11 023	-4.43	+1.67
Gas/Diesel Oil (w/o bio)	52 774	60 021	56 086	53 196	51 075	51 791	51 670	-0.08	-0.29
Motor Gasoline (w/o bio)	32 771	32 149	31 337	23 795	19 136	17 731	17 557	-2.47	-2.99
Kerosene Type Jet Fuel	5 250	6 007	7 260	8 319	8 954	8 974	9 038	+2.20	+0.83
Naphtha	10 046	11 048	13 456	14 396	12 953	13 329	12 681	+0.94	-1.26
LPG	2 479	3 280	2 680	2 722	3 056	2 759	2 843	+0.55	+0.44
All other oil & petroleum products	13 275	12 936	11 068	9 385	7 968	7 167	7 228	-2.40	-2.58
Natural gas	40 477	53 142	57 992	58 682	54 673	48 049	49 662	+0.82	-1.66
Derived gases	6 159	3 617	3 074	2 566	2 553	2 481	2 591	-3.40	+0.10
Solid biomass & charcoal	2 833	2 575	4 362	6 107	8 051	7 837	8 671	+4.58	+3.57
Liquid biofuels		36	237	1 919	3 151	2 929	2 714		+3.53
All other renewable energies	151	116	230	814	1 469	2 459	2 577	+12.00	+12.21
Non-renewable wastes				276	953	1 018	1 026		+14.04
Electricity	39 130	38 797	41 569	44 907	45 780	44 096	44 259	+0.49	-0.15
Derived heat	9 150	8 747	6 831	10 751	11 268	9 150	9 594	+0.19	-1.13
Statistical difference	- 3 197	- 1 224	2 260	4 059	393	- 1 141	- 254		
Final non-energy consumption	22 944	23 619	25 064	24 662	22 582	22 129	21 266	-0.30	-1.47
Final energy consumption	228 925	221 619	220 008	218 456	219 650	208 881	212 124	-0.30	-0.29
Industry	72 167	60 142	57 570	59 093	60 562	60 715	60 951	-0.67	+0.31
Transport	59 706	63 663	66 770	62 321	61 101	63 467	63 168	+0.23	+0.14
<i>Road transport</i>	51 320	54 912	57 104	51 309	50 254	52 694	52 430	+0.09	+0.22
<i>Domestic & International aviation</i>	5 594	5 988	7 362	8 282	8 732	8 728	8 741	+1.80	+0.54
Other sectors	97 051	97 814	95 668	97 042	97 987	84 699	88 004	-0.39	-0.97
<i>Services</i>	28 950	25 886	25 793	33 193	35 356	33 043	34 716	+0.73	+0.45
<i>Residential</i>	62 838	66 250	65 237	63 498	62 454	51 527	53 171	-0.67	-1.76

Source: Eurostat (nrg_100a)

Estonia, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	5 554	4 200				1 286	67		
+ Primary production receipt	83		83						
+ Other sources (recovered products)	867		867						
+ Recycled products									
+ Imports	2 589	5	1 709	390		16		469	
+ Stock changes	- 357	- 338	- 10			- 10	- 0		
- Exports	2 106	16	1 155			387		548	
- Bunkers	289		289						
- Direct use	86		86						
Gross inland consumption	6 255	3 851	1 120	390		906	67	- 80	
Transformation input	4 344	3 624	35	288		356	42		
+ Conventional thermal power stations	2 844	2 413	16	120		253	42		
+ Nuclear power stations									
+ District heating plants	302	12	19	168		102			
+ Coke ovens	9	9							
+ Blast furnaces									
+ Gas works	158	158							
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants	3	3							
+ Charcoal production plants									
+ Coal liquefaction plants	1 028	1 028							
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	1 476	10		127				832	506
+ Conventional thermal power stations	1 100							832	268
+ Nuclear power stations									
+ District heating plants	238								238
+ Coke ovens	5	5							
+ Blast furnaces									
+ Gas works	127			127					
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants	4	4							
+ Charcoal production plants									
Exchanges, transfers and returns						- 64		64	
Consumption of the energy branch	226	12	19	8		2	13	167	5
Distribution losses	130							60	70
Available for final consumption	3 029	225	1 066	222		484	12	589	431
Statistical difference	166	158	7						
Final non-energy consumption	99	29	69						
Final energy consumption	2 765	37	990	222		484	12	589	431
+ Industry	524	30	69	94		104	12	177	37
+ Iron and Steel	0			0				0	
+ Chemical and Petrochemical	42		9	3		0		12	18
+ Non-ferrous metals	1			1				0	
+ Non-metallic minerals	74	30	1	15		0	12	14	1
+ Transport eEquipment	11		1	2		0		6	1
+ Machinery	35		1	6		1		21	5
+ Mining and Quarrying	11		5	4				2	0
+ Food, Beverages and Tobacco	65		11	22		1		28	3
+ Paper, Pulp and Printing	60			21		7		32	1
+ Wood and Wood products	131		6	8		84		32	1
+ Construction	48		32	6		0		7	2
+ Textile and Leather	13		1	2		0		8	2
+ Not elsewhere specified (Industry)	34		2	3		11		16	2
+ Transport	785		775	3		3		4	
+ Rail	20		19					1	
+ Road	726		719	3		3		1	
+ International aviation	25		25						
+ Domestic aviation									
+ Domestic navigation	12		12						
+ Pipeline transport									
+ Not elsewhere specified (Transport)	1							1	
+ Other sectors	1 456	7	146	125		377		408	393
+ Commercial and public services	466	1	33	70		12		242	108
+ Residential	858	6	9	49		361		149	283
+ Agriculture / Forestry	132		103	6		4		17	2
+ Fishing	1							1	
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Estonia	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	5 415	3 409	3 181	3 868	4 930	5 782	5 554	+0.10	+3.68
Solid fossil fuels	5 227	3 056	2 669	3 176	3 943	4 528	4 200	-0.87	+2.83
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies	188	353	512	692	988	1 186	1 286	+8.00	+6.39
Non-renewable wastes						68	67		
Net imports	4 473	1 813	1 633	1 496	866	625	483	-8.52	-10.68
Solid fossil fuels	682	294	270	23	- 22	12	- 11		
Crude oil & other hydrocarbons		- 150	- 125	- 225	- 394	- 612	- 781		+13.23
Petroleum products	3 171	1 163	911	1 142	1 153	1 344	1 335	-3.40	+1.58
Natural gas	1 222	582	662	800	563	436	390	-4.46	-6.92
Renewable energies		- 11	- 5	- 105	- 154	- 317	- 371		+13.44
Gross inland consumption	9 938	5 525	4 973	5 615	6 150	6 677	6 255	-1.83	+1.08
Solid fossil fuels	6 138	3 499	2 968	3 190	3 917	4 451	3 851	-1.85	+1.90
Crude oil & petroleum products	2 992	1 173	911	1 175	1 104	1 100	1 120	-3.85	-0.48
Gas	1 222	582	662	800	563	436	390	-4.46	-6.92
Nuclear heat									
Renewable energies	188	336	513	589	846	859	906	+6.49	+4.40
Non-renewable wastes						68	67		
Transformation input	7 004	3 699	3 405	3 893	4 677	4 877	4 344	-1.89	+1.10
Conventional thermal power stations	4 987	2 542	2 438	2 597	3 114	3 449	2 844	-2.22	+0.91
Nuclear power stations									
District heating plants	1 558	502	453	489	446	317	302	-6.36	-4.71
Coke-ovens	50	43	27	40	22	27	9	-6.51	-13.67
Blast-furnaces									
Refineries									
BKB / PB plants	121	93	45	28	34	24	3	-13.31	-18.87
Transformation output	4 164	1 687	1 515	1 656	1 907	1 738	1 476	-4.07	-1.15
Conventional thermal power stations	2 656	1 040	994	1 098	1 339	1 288	1 100	-3.46	+0.02
Nuclear power stations									
District heating plants	1 301	440	382	412	360	248	238	-6.57	-5.33
Coke-ovens	28	27	16	25	15	17	5	-6.33	-14.20
Blast-furnaces									
Refineries									
BKB / PB plants	96	73	41	25	40	30	4	-11.68	-16.09
<i>of which: electricity</i>	1 477	747	732	871	1 089	1 016	832	-2.27	-0.46
<i>of which: derived heat</i>	2 480	732	644	640	610	521	506	-6.16	-2.31
Exchanges, transfers and returns									
Consumption of the energy branch	299	143	167	195	200	241	226	-1.11	+1.49
Distribution losses	210	333	222	179	157	150	130	-1.90	-3.10
Energy available for final consumption	6 589	3 037	2 693	3 004	3 023	3 148	3 029	-3.06	+0.08
Solid fossil fuels	1 104	515	269	39	114	333	225	-6.17	+19.02
Gas/Diesel Oil (w/o bio)	688	331	318	572	597	661	696	+0.05	+1.99
Motor Gasoline (w/o bio)	561	269	304	311	289	245	243	-3.29	-2.45
Kerosene Type Jet Fuel	35	17	21	42	38	41	25	-1.38	-5.21
Naphtha									
LPG		10	8	7	9	10	14		+7.93
All other oil & petroleum products	619	256	121	139	93	102	88	-7.50	-4.45
Natural gas	439	298	277	380	207	224	222	-2.68	-5.23
Derived gases		73	- 0						
Solid biomass & charcoal	188	282	425	447	550	472	477	+3.80	+0.65
Liquid biofuels						6	3		
All other renewable energies				1	1	5	4		+22.97
Non-renewable wastes						17	12		
Electricity	585	392	431	519	594	594	589	+0.03	+1.27
Derived heat	2 370	594	521	547	532	439	431	-6.59	-2.37
Statistical difference	663	298	79	- 102	25	224	166		
Final non-energy consumption	259	177	180	229	90	108	99	-3.79	-8.07
Final energy consumption	5 667	2 562	2 434	2 878	2 907	2 816	2 765	-2.83	-0.40
Industry	2 524	838	571	719	575	557	524	-6.09	-3.11
Transport	870	501	586	774	785	780	785	-0.41	+0.14
<i>Road transport</i>	744	431	505	665	683	707	726	-0.10	+0.87
<i>Domestic & International aviation</i>	37	19	22	48	38	41	25	-1.61	-6.53
Other sectors	2 273	1 223	1 277	1 385	1 547	1 478	1 456	-1.77	+0.51
<i>Services</i>	339	172	289	389	424	458	466	+1.28	+1.81
<i>Residential</i>	1 017	963	929	890	1 028	889	858	-0.68	-0.37

Source: Eurostat (nrg_100a)

Ireland, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	1 912	762		107		981	62		
+ Primary production receipt	44		44						
+ Other sources (recovered products)	43		43						
+ Recycled products									
+ Imports	14 582	1 481	9 240	3 621		90		151	
+ Stock changes	- 335	- 34	- 326	24		1			
- Exports	1 867	19	1 755			0		93	
- Bunkers	158		158						
- Direct use	43		43						
Gross inland consumption	14 178	2 191	7 044	3 752		1 071	62	58	
Transformation input	7 340	1 757	3 504	1 939		115	25		
+ Conventional thermal power stations	3 792	1 680	77	1 895		115	25		
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	3 427		3 427						
+ Patent fuel plants									
+ BKB/PB plants	77	77							
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	43			43					
Transformation output	5 279	71	3 427					1 781	
+ Conventional thermal power stations	1 781							1 781	
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	3 427		3 427						
+ Patent fuel plants									
+ BKB/PB plants	71	71							
+ Charcoal production plants									
Exchanges, transfers and returns	1		1			- 635		635	
Consumption of the energy branch	249	8	143					98	
Distribution losses	239			60				179	
Available for final consumption	11 629	496	6 824	1 754		322	37	2 197	
Statistical difference	199	- 10	140	35		- 8		41	
Final non-energy consumption	216		216						
Final energy consumption	11 214	506	6 468	1 718		330	37	2 156	
+ Industry	2 414	106	484	766		174	37	846	
+ Iron and Steel	5		5						
+ Chemical and Petrochemical	252		34	64				154	
+ Non-ferrous metals	517		28	421				67	
+ Non-metallic minerals	391	84	171	17		29	37	54	
+ Transport eEquipment	26		6	2				18	
+ Machinery	265		11	128				126	
+ Mining and Quarrying	110		37	12				61	
+ Food, Beverages and Tobacco	469	22	131	104		30		180	
+ Paper, Pulp and Printing	25		2	3				20	
+ Wood and Wood products	157		3	2		115		36	
+ Construction	6							6	
+ Textile and Leather	20		8	1				11	
+ Not elsewhere specified (Industry)	172		48	11				113	
+ Transport	4 624		4 532	0		88		4	
+ Rail	40		36					4	
+ Road	3 666		3 577	0		88			
+ International aviation	838		838						
+ Domestic aviation	8		8						
+ Domestic navigation	71		71						
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	4 177	399	1 452	952		68		1 306	
+ Commercial and public services	1 245		244	398		22		580	
+ Residential	2 712	399	1 035	554		45		678	
+ Agriculture / Forestry	221		173					48	
+ Fishing									
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Ireland	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	3 467	4 101	2 159	1 647	1 834	2 011	1 912	-2.35	+1.50
Solid fossil fuels	1 427	1 697	965	820	981	971	762	-2.48	-0.74
Crude oil & other hydrocarbons									
Natural gas	1 873	2 249	958	461	224	123	107	-10.81	-13.57
Nuclear heat									
Renewable energies	168	155	235	366	620	854	981	+7.32	+10.35
Non-renewable wastes					9	63	62		
Net imports	7 060	7 769	12 370	13 765	13 213	11 681	12 716	+2.38	-0.79
Solid fossil fuels	1 984	1 883	1 681	1 886	945	1 202	1 462	-1.21	-2.51
Crude oil & other hydrocarbons	2 031	2 292	3 016	3 166	2 984	2 689	3 692	+2.42	+1.55
Petroleum products	3 045	3 509	5 186	5 527	4 719	3 905	3 793	+0.88	-3.70
Natural gas		85	2 478	3 010	4 480	3 592	3 621		+1.87
Renewable energies				0	44	108	90		
Gross inland consumption	10 275	11 066	14 426	15 265	15 166	13 561	14 178	+1.30	-0.74
Solid fossil fuels	3 392	2 903	2 601	2 664	1 928	2 005	2 191	-1.73	-1.94
Crude oil & petroleum products	4 843	5 676	8 146	8 589	7 836	6 624	7 044	+1.51	-1.96
Gas	1 873	2 334	3 436	3 470	4 690	3 723	3 752	+2.82	+0.79
Nuclear heat									
Renewable energies	168	155	235	366	663	961	1 071	+7.70	+11.33
Non-renewable wastes					9	63	62		
Transformation input	5 091	6 299	8 329	8 061	7 651	6 593	7 340	+1.47	-0.93
Conventional thermal power stations	3 029	3 742	4 775	4 758	4 579	3 666	3 792	+0.90	-2.24
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries	1 753	2 296	3 341	3 203	2 936	2 763	3 427	+2.72	+0.68
BKB / PB plants	310	262	213	101	114	109	77	-5.41	-2.63
Transformation output	3 105	3 906	5 414	5 355	5 179	4 577	5 279	+2.15	-0.14
Conventional thermal power stations	1 164	1 451	1 942	2 054	2 129	1 716	1 781	+1.72	-1.41
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries	1 752	2 296	3 341	3 199	2 936	2 762	3 427	+2.72	+0.69
BKB / PB plants	189	160	131	103	114	99	71	-3.85	-3.67
<i>of which: electricity</i>	1 164	1 451	1 942	2 054	2 129	1 716	1 781	+1.72	-1.41
<i>of which: derived heat</i>									
Exchanges, transfers and returns			- 1	- 0	1	0	1		
Consumption of the energy branch	170	186	255	300	243	236	249	+1.54	-1.82
Distribution losses	143	186	202	243	251	238	239	+2.09	-0.15
Energy available for final consumption	7 976	8 303	11 053	12 016	12 202	11 072	11 629	+1.52	-0.33
Solid fossil fuels	1 401	713	581	730	555	492	496	-4.07	-3.80
Gas/Diesel Oil (w/o bio)	1 859	2 107	2 915	2 907	3 089	3 225	3 436	+2.49	+1.69
Motor Gasoline (w/o bio)	937	1 113	1 518	1 704	1 456	1 164	1 117	+0.71	-4.13
Kerosene Type Jet Fuel	355	403	659	883	807	745	833	+3.47	-0.58
Naphtha	1	- 1		- 11					
LPG	142	148	169	164	152	143	157	+0.39	-0.49
All other oil & petroleum products	1 154	1 234	1 774	2 017	2 083	1 170	1 281	+0.42	-4.44
Natural gas	999	1 218	1 583	1 363	1 581	1 636	1 754	+2.28	+2.55
Derived gases									
Solid biomass & charcoal	105	89	113	178	180	194	185	+2.27	+0.38
Liquid biofuels				1	93	90	88		
All other renewable energies	2	3	4	7	22	46	49	+12.94	+20.70
Non-renewable wastes					9	38	37		
Electricity	1 020	1 276	1 737	2 072	2 176	2 128	2 197	+3.11	+0.59
Derived heat									
Statistical difference	10	- 258	- 401	- 1 097	- 96	97	199		
Final non-energy consumption	629	572	675	516	342	208	216	-4.19	-8.34
Final energy consumption	7 337	7 988	10 779	12 597	11 956	10 766	11 214	+1.71	-1.16
Industry	1 729	1 953	2 498	2 582	2 146	2 241	2 414	+1.34	-0.67
Transport	2 022	2 387	4 085	5 082	4 715	4 474	4 624	+3.36	-0.94
<i>Road transport</i>	1 573	1 907	3 387	4 156	3 881	3 664	3 666	+3.44	-1.25
<i>Domestic & International aviation</i>	374	401	630	862	769	750	847	+3.32	-0.17
Other sectors	3 585	3 648	4 197	4 933	5 095	4 051	4 177	+0.61	-1.65
<i>Services</i>	987	1 088	1 367	1 643	1 522	1 236	1 245	+0.93	-2.74
<i>Residential</i>	2 346	2 220	2 513	2 954	3 296	2 590	2 712	+0.58	-0.85

Source: Eurostat (nrg_100a)

Greece, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	8 473	5 675	63	5		2 641	89		
+ Primary production receipt									
+ Other sources (recovered products)	20		20						
+ Recycled products	16		16						
+ Imports	35 286	159	31 362	2 674		139		953	
+ Stock changes	- 1 067	- 228	- 841	- 1		3			
- Exports	16 474		16 339			8		127	
- Bunkers	1 783		1 783						
- Direct use	20		20						
Gross inland consumption	24 449	5 606	12 476	2 677		2 775	89	826	
Transformation input	36 599	5 402	29 777	1 317		78	25		
+ Conventional thermal power stations	7 924	5 402	1 105	1 317		75	25		
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	28 672		28 672						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	3					3			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	31 920		28 670			1		3 199	50
+ Conventional thermal power stations	3 249							3 199	50
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	28 670		28 670						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	1					1			
Exchanges, transfers and returns	- 3		- 3			- 1 257		1 257	
Consumption of the energy branch	2 187		1 680	12		1		494	
Distribution losses	429			8				421	
Available for final consumption	17 150	204	9 686	1 340		1 439	65	4 367	50
Statistical difference	- 51	- 21	- 57	23		3		- 0	
Final non-energy consumption	700		352	348					
Final energy consumption	16 502	224	9 391	969		1 436	65	4 367	50
+ Industry	3 128	218	1 128	431		196	65	1 089	
+ Iron and Steel	91		21	9				61	
+ Chemical and Petrochemical	222		61	42			65	55	
+ Non-ferrous metals	829	168	3	248				410	
+ Non-metallic minerals	736	50	578	7		17		85	
+ Transport eEquipment	21		11			1		9	
+ Machinery	37		17	4		1		15	
+ Mining and Quarrying	87		82			3		2	
+ Food, Beverages and Tobacco	523		151	65		148		159	
+ Paper, Pulp and Printing	83		19	19		3		43	
+ Wood and Wood products	31		2	1		17		11	
+ Construction	128		122			6			
+ Textile and Leather	31		5	9				17	
+ Not elsewhere specified (Industry)	308		57	29		2		221	
+ Transport	6 577		6 387	15		142		33	
+ Rail	59		41			3		16	
+ Road	4 976		4 820	15		139		2	
+ International aviation	824		824						
+ Domestic aviation	167		167						
+ Domestic navigation	534		534						
+ Pipeline transport									
+ Not elsewhere specified (Transport)	17		1					16	
+ Other sectors	6 797	6	1 875	522		1 099		3 244	50
+ Commercial and public services	1 873		117	166		48		1 541	
+ Residential	4 400	5	1 464	356		1 018		1 508	50
+ Agriculture / Forestry	258	1	31	0		31		195	
+ Fishing	13		13			0			
+ Not elsewhere specified (Other)	252	1	250	1		1			

Source: Eurostat (nrg_100a)

Greece	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	9 204	9 342	10 012	10 325	9 446	8 805	8 473	-0.33	-1.96
Solid fossil fuels	7 119	7 510	8 222	8 538	7 315	6 384	5 675	-0.90	-4.00
Crude oil & other hydrocarbons	843	462	282	101	117	65	63	-9.87	-4.65
Natural gas	138	44	42	18	8	5	5	-12.64	-12.70
Nuclear heat									
Renewable energies	1 105	1 289	1 403	1 643	1 974	2 329	2 641	+3.55	+4.86
Non-renewable wastes		37	64	25	32	21	89		+13.63
Net imports	15 407	18 288	22 151	23 498	21 720	17 360	18 812	+0.80	-2.20
Solid fossil fuels	919	923	769	364	401	194	159	-6.77	-7.95
Crude oil & other hydrocarbons	14 807	17 019	20 596	19 488	20 641	25 988	27 011	+2.43	+3.32
Petroleum products	- 380	277	- 900	988	- 3 200	- 12 161	- 11 988	+14.81	
Natural gas			1 689	2 332	3 231	2 467	2 674		+1.38
Renewable energies					157	114	131		
Gross inland consumption	22 334	23 866	28 292	31 410	28 718	24 370	24 449	+0.36	-2.47
Solid fossil fuels	8 065	8 389	9 038	8 944	7 863	6 687	5 606	-1.44	-4.56
Crude oil & petroleum products	12 950	14 024	16 085	18 119	14 967	11 975	12 476	-0.15	-3.66
Gas	153	58	1 705	2 354	3 234	2 484	2 677	+12.13	+1.30
Nuclear heat									
Renewable energies	1 105	1 289	1 403	1 643	2 131	2 445	2 775	+3.75	+5.38
Non-renewable wastes		37	64	25	32	21	89		+13.63
Transformation input	25 376	27 081	34 062	33 950	33 418	36 742	36 599	+1.48	+0.75
Conventional thermal power stations	8 625	9 097	11 492	12 321	10 961	8 981	7 924	-0.34	-4.32
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries	16 665	17 906	22 508	21 536	22 455	27 758	28 672	+2.19	+2.90
BKB / PB plants	70	52	61	93					
Transformation output	19 561	21 193	26 839	26 239	26 545	31 108	31 920	+1.98	+1.98
Conventional thermal power stations	2 838	3 245	4 265	4 618	4 091	3 350	3 249	+0.54	-3.46
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries	16 662	17 903	22 506	21 533	22 454	27 757	28 670	+2.19	+2.90
BKB / PB plants	61	44	67	87					
<i>of which: electricity</i>	2 838	3 245	4 237	4 569	4 044	3 301	3 199	+0.48	-3.50
<i>of which: derived heat</i>			28	49	46	50	50		+0.21
Exchanges, transfers and returns	23	11	28	22	16	- 25	- 3		
Consumption of the energy branch	1 194	1 316	1 634	1 842	1 863	2 125	2 187	+2.45	+1.73
Distribution losses	246	273	380	488	343	357	429	+2.24	-1.29
Energy available for final consumption	15 101	16 399	19 084	21 391	19 657	16 230	17 150	+0.51	-2.19
Solid fossil fuels	1 164	1 325	874	245	296	204	204	-6.73	-1.81
Gas/Diesel Oil (w/o bio)	4 525	4 675	5 996	7 136	5 621	3 559	4 023	-0.47	-5.57
Motor Gasoline (w/o bio)	2 627	3 126	3 386	4 204	3 962	2 614	2 551	-0.12	-4.87
Kerosene Type Jet Fuel	1 279	1 232	1 309	1 167	1 108	1 100	1 124	-0.52	-0.38
Naphtha	12	75	49	85	117	4	5	-3.10	-24.31
LPG	276	434	448	392	335	499	532	+2.66	+3.09
All other oil & petroleum products	1 707	1 600	1 857	1 949	1 272	1 413	1 451	-0.65	-2.91
Natural gas	97	4	379	712	1 138	1 189	1 340	+11.09	+6.53
Derived gases	15	14							
Solid biomass & charcoal	893	896	945	957	865	969	1 056	+0.67	+0.99
Liquid biofuels					128	155	162		
All other renewable energies	59	86	102	119	201	218	222	+5.40	+6.46
Non-renewable wastes							65		
Electricity	2 448	2 931	3 710	4 377	4 567	4 256	4 367	+2.34	-0.02
Derived heat			28	49	46	50	50		+0.21
Statistical difference	- 280	101	- 312	- 327	- 448	5	- 51		
Final non-energy consumption	700	492	719	761	1 108	705	700	-0.00	-0.83
Final energy consumption	14 681	15 806	18 676	20 957	18 997	15 520	16 502	+0.47	-2.36
Industry	3 995	4 005	4 450	4 161	3 471	3 088	3 128	-0.97	-2.81
Transport	5 893	6 518	7 297	8 188	8 158	6 413	6 577	+0.44	-2.17
<i>Road transport</i>	3 973	4 666	5 417	6 299	6 485	4 925	4 976	+0.90	-2.33
<i>Domestic & International aviation</i>	1 273	1 246	1 325	1 181	919	957	991	-1.00	-1.74
Other sectors	4 793	5 283	6 929	8 609	7 367	6 019	6 797	+1.41	-2.34
<i>Services</i>	652	939	1 311	1 946	1 952	1 712	1 873	+4.31	-0.38
<i>Residential</i>	3 058	3 334	4 502	5 510	4 615	3 786	4 400	+1.47	-2.22

Source: Eurostat (nrg_100a)

Spain, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	33 441	1 246	233	54	14 782	16 873	252		
+ Primary production receipt									
+ Other sources (recovered products)	162		162	0					
+ Recycled products									
+ Imports	124 531	10 963	83 582	28 182		518		1 286	
+ Stock changes	972	1 630	- 1 508	709		141			
- Exports	30 102	601	22 882	4 407		915		1 297	
- Bunkers	7 423		7 423						
- Direct use	162		162						
Gross inland consumption	121 418	13 237	52 002	24 538	14 782	16 618	252	- 11	
Transformation input	110 687	13 836	69 273	8 564	14 782	3 982	250		
+ Conventional thermal power stations	27 874	11 852	3 358	8 564		3 850	250		
+ Nuclear power stations	14 782				14 782				
+ District heating plants									
+ Coke ovens	1 416	1 416							
+ Blast furnaces	568	568							
+ Gas works									
+ Refineries	65 915		65 915						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	132					132			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	84 412	1 125	65 899	848		26		16 514	
+ Conventional thermal power stations	11 587							11 587	
+ Nuclear power stations	4 927							4 927	
+ District heating plants									
+ Coke ovens	1 404	1 125		280					
+ Blast furnaces	568			568					
+ Gas works									
+ Refineries	65 899		65 899						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	26					26			
Exchanges, transfers and returns	139		138			- 7 370		7 372	
Consumption of the energy branch	9 533	31	5 209	2 653		1		1 640	
Distribution losses	2 570			291				2 279	
Available for final consumption	83 179	495	43 555	13 879		5 292	2	19 955	
Statistical difference	- 1 592	- 811	- 783	- 7		5		4	
Final non-energy consumption	4 310		3 874	436					
Final energy consumption	80 461	1 306	40 465	13 449		5 287	2	19 952	
+ Industry	18 915	1 188	2 715	7 127		1 346		6 539	
+ Iron and Steel	3 023	938	71	929		0		1 084	
+ Chemical and Petrochemical	2 819	176	135	1 678		13		817	
+ Non-ferrous metals	1 074	33	47	172		0		821	
+ Non-metallic minerals	3 273	7	1 284	1 268		208		507	
+ Transport eEquipment	459		39	105		0		314	
+ Machinery	934		123	396		1		415	
+ Mining and Quarrying	406		161	119		2		124	
+ Food, Beverages and Tobacco	2 286	34	296	809		205		942	
+ Paper, Pulp and Printing	1 681		87	568		521		506	
+ Wood and Wood products	452		22	21		311		97	
+ Construction	914		376	340		21		178	
+ Textile and Leather	324		31	140		3		149	
+ Not elsewhere specified (Industry)	1 270		42	581		62		585	
+ Transport	33 595		31 803	312		958		522	
+ Rail	327		88					238	
+ Road	26 912		25 564	287		956		105	
+ International aviation	3 860		3 860						
+ Domestic aviation	1 783		1 783						
+ Domestic navigation	445		445						
+ Pipeline transport									
+ Not elsewhere specified (Transport)	268		63	25		3		178	
+ Other sectors	27 952	118	5 947	6 011		2 983	2	12 891	
+ Commercial and public services	10 037		1 050	2 640		153	2	6 191	
+ Residential	14 876	89	2 997	3 018		2 749		6 024	
+ Agriculture / Forestry	2 262		1 616	69		76		501	
+ Fishing	229		225			4			
+ Not elsewhere specified (Other)	548	29	59	283		1		175	

Source: Eurostat (nrg_100a)

Spain	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	34 359	31 326	31 392	30 005	34 264	34 942	33 441	-0.11	+1.09
Solid fossil fuels	11 675	10 122	7 966	6 265	3 296	1 628	1 246	-8.56	-14.91
Crude oil & other hydrocarbons	1 149	798	228	167	124	304	233	-6.19	+3.37
Natural gas	1 273	379	148	144	45	21	54	-11.87	-9.32
Nuclear heat	13 999	14 305	16 046	14 842	15 991	14 782	14 782	+0.22	-0.04
Renewable energies	6 202	5 507	6 815	8 398	14 635	18 003	16 873	+4.08	+7.23
Non-renewable wastes	61	214	190	189	174	204	252	+5.85	+2.90
Net imports	59 170	75 424	99 342	123 832	106 337	90 661	94 428	+1.89	-2.67
Solid fossil fuels	7 073	8 611	12 840	14 418	6 979	8 850	10 362	+1.54	-3.25
Crude oil & other hydrocarbons	53 071	56 088	59 023	60 650	56 496	60 467	65 151	+0.82	+0.72
Petroleum products	- 4 627	2 817	11 631	18 630	12 208	- 2 704	- 4 452	-0.15	
Natural gas	3 690	7 521	15 467	30 248	30 950	24 503	23 775	+7.74	-2.38
Renewable energies					421	- 164	- 396		
Gross inland consumption	90 067	102 076	123 642	144 223	130 253	116 681	121 418	+1.20	-1.71
Solid fossil fuels	19 233	18 987	20 938	20 566	8 159	11 486	13 237	-1.48	-4.31
Crude oil & petroleum products	45 361	54 885	63 967	70 457	60 436	49 066	52 002	+0.55	-2.99
Gas	5 247	7 792	15 305	29 886	31 162	23 667	24 538	+6.36	-1.95
Nuclear heat	13 999	14 305	16 046	14 842	15 991	14 782	14 782	+0.22	-0.04
Renewable energies	6 202	5 507	6 815	8 398	15 048	17 768	16 618	+4.02	+7.06
Non-renewable wastes	61	214	190	189	174	204	252	+5.85	+2.90
Transformation input	88 527	94 091	106 417	114 628	102 183	102 129	110 687	+0.90	-0.35
Conventional thermal power stations	16 786	20 095	26 469	35 399	25 291	24 355	27 874	+2.05	-2.36
Nuclear power stations	13 999	14 305	16 046	14 842	15 991	14 782	14 782	+0.22	-0.04
District heating plants									
Coke-ovens	3 210	2 389	2 610	2 581	1 846	1 412	1 416	-3.22	-5.82
Blast-furnaces	650	472	459	434	400	491	568	-0.54	+2.73
Refineries	53 567	56 772	60 673	61 311	58 468	60 957	65 915	+0.83	+0.73
BKB / PB plants									
Transformation output	67 692	71 538	79 385	85 478	78 389	77 927	84 412	+0.89	-0.13
Conventional thermal power stations	6 148	7 461	10 809	16 534	12 324	10 167	11 587	+2.57	-3.49
Nuclear power stations	4 666	4 768	5 349	4 947	5 330	4 927	4 927	+0.22	-0.04
District heating plants									
Coke-ovens	2 674	2 073	2 108	2 266	1 852	1 379	1 404	-2.54	-4.67
Blast-furnaces	650	472	459	434	400	491	568	-0.54	+2.73
Refineries	53 544	56 763	60 660	61 297	58 456	60 936	65 899	+0.83	+0.73
BKB / PB plants									
<i>of which: electricity</i>	10 810	12 230	16 158	21 482	17 654	15 094	16 514	+1.71	-2.60
<i>of which: derived heat</i>	4								
Exchanges, transfers and returns	- 81	- 59	170	- 70	117	330	139		
Consumption of the energy branch	4 881	5 509	6 102	6 608	8 056	8 887	9 533	+2.71	+3.73
Distribution losses	1 304	1 491	1 886	2 444	2 570	2 480	2 570	+2.75	+0.50
Energy available for final consumption	62 965	72 464	88 792	105 951	95 950	81 441	83 179	+1.12	-2.39
Solid fossil fuels	3 436	2 554	1 241	1 538	1 513	455	495	-7.46	-10.72
Gas/Diesel Oil (w/o bio)	14 453	17 934	25 188	34 106	29 855	25 626	26 903	+2.52	-2.34
Motor Gasoline (w/o bio)	8 725	9 250	9 122	7 727	5 690	4 587	4 630	-2.50	-4.99
Kerosene Type Jet Fuel	2 181	3 048	4 368	5 287	5 378	5 356	5 616	+3.85	+0.60
Naphtha	2 720	3 904	4 897	2 445	2 237	1 512	1 537	-2.26	-4.53
LPG	2 812	2 735	2 679	2 450	2 003	1 785	2 030	-1.29	-1.86
All other oil & petroleum products	8 620	10 365	9 007	8 597	7 681	2 517	2 839	-4.35	-10.49
Natural gas	4 324	6 807	12 294	18 857	14 828	14 754	13 650	+4.71	-3.18
Derived gases	952	416	322	325	298	224	228	-5.55	-3.48
Solid biomass & charcoal	3 900	3 207	3 337	3 441	3 678	3 761	3 953	+0.05	+1.40
Liquid biofuels			72	258	1 436	969	982		+14.28
All other renewable energies	14	50	62	91	252	379	358	+13.90	+14.63
Non-renewable wastes	12	78					2	-6.20	
Electricity	10 817	12 116	16 205	20 827	21 100	19 516	19 955	+2.48	-0.43
Derived heat									
Statistical difference	- 19	558	- 501	- 165	- 169	- 1 891	- 1 592		
Final non-energy consumption	5 841	7 874	9 395	8 349	7 034	4 107	4 310	-1.21	-6.40
Final energy consumption	57 143	64 032	79 897	97 766	89 084	79 225	80 461	+1.38	-1.93
Industry	20 236	20 543	25 380	30 980	21 449	20 006	18 915	-0.27	-4.81
Transport	22 651	26 439	33 230	39 944	37 192	31 989	33 595	+1.59	-1.72
Road transport	17 980	20 812	26 485	31 879	29 796	25 701	26 912	+1.63	-1.68
Domestic & International aviation	2 467	3 105	4 497	5 334	5 397	5 301	5 643	+3.36	+0.56
Other sectors	14 256	17 050	21 287	26 843	30 444	27 231	27 952	+2.73	+0.41
Services	3 417	4 325	6 710	8 415	9 797	8 845	10 037	+4.40	+1.78
Residential	9 162	10 009	12 000	15 132	16 920	14 709	14 876	+1.96	-0.17

Source: Eurostat (nrg_100a)

France, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	136 699		1 081	19	112 836	21 417	1 345		
+ Primary production receipt	283		283						
+ Other sources (recovered products)	487		481	6					
+ Recycled products	92		92						
+ Imports	149 670	8 703	100 053	39 450		608		857	
+ Stock changes	579	142	34	436		- 33			
- Exports	32 827	18	21 401	4 865		178		6 365	
- Bunkers	1 619		1 619						
- Direct use	749		749						
Gross inland consumption	252 615	8 827	78 255	35 047	112 836	21 814	1 345	- 5 508	
Transformation input	190 945	6 903	61 582	5 006	112 836	3 105	1 192	3	318
+ Conventional thermal power stations	10 987	2 267	534	4 352		2 428	1 088		318
+ Nuclear power stations	112 836				112 836				
+ District heating plants	1 685	183	70	653		671	104	3	
+ Coke ovens	3 253	3 253							
+ Blast furnaces	1 200	1 200							
+ Gas works									
+ Refineries	60 978		60 978						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas	6					6			
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	109 455	2 320	60 967	1 645				41 278	3 246
+ Conventional thermal power stations	5 564							3 666	1 898
+ Nuclear power stations	37 612							37 612	
+ District heating plants	1 347								1 347
+ Coke ovens	2 765	2 320		445					
+ Blast furnaces	1 200			1 200					
+ Gas works									
+ Refineries	60 967		60 967						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	- 27		- 27			- 7 174		7 174	
Consumption of the energy branch	7 034		1 879	1 439		26	24	3 592	74
Distribution losses	3 727			461				3 094	172
Available for final consumption	160 337	4 244	75 734	29 786		11 508	129	36 254	2 682
Statistical difference	2 865	- 208	2 141	914		- 33		- 283	334
Final non-energy consumption	13 348	339	12 460	549					
Final energy consumption	144 123	4 113	61 132	28 323		11 542	129	36 536	2 348
+ Industry	28 639	4 036	2 256	11 685		1 364	1	9 202	95
+ Iron and Steel	4 910	3 106	26	1 604		17		157	
+ Chemical and Petrochemical	5 376	361	255	2 976		100		1 685	
+ Non-ferrous metals	945		11	183				751	
+ Non-metallic minerals	3 246	257	684	1 471		145		689	
+ Transport eEquipment	997	6	21	368		7		594	
+ Machinery	1 878	16	112	632		3		1 115	
+ Mining and Quarrying	382		190	43		12		138	
+ Food, Beverages and Tobacco	5 069	273	258	2 622		135		1 782	
+ Paper, Pulp and Printing	2 310	17	51	961		607	1	673	
+ Wood and Wood products	612		45	64		315		187	
+ Construction	1 392		534	282		0	0	576	
+ Textile and Leather	360		22	199		0		139	
+ Not elsewhere specified (Industry)	1 163		47	282		22		717	95
+ Transport	50 077		46 104	149		2 949		875	
+ Rail	813		161					653	
+ Road	42 026		38 755	100		2 949		223	
+ International aviation	5 918		5 918						
+ Domestic aviation	798		798						
+ Domestic navigation	473		473						
+ Pipeline transport	18			18					
+ Not elsewhere specified (Transport)	31			31					
+ Other sectors	65 407	77	12 772	16 489		7 229	129	26 459	2 253
+ Commercial and public services	22 542	41	2 338	6 116		524	129	12 577	817
+ Residential	37 664	35	6 412	10 183		6 549		13 108	1 378
+ Agriculture / Forestry	4 130	2	3 093	189		147		689	11
+ Fishing	296		271	1		8		16	
+ Not elsewhere specified (Other)	776		659					70	47

Source: Eurostat (nrg_100a)

France	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	110 664	126 032	129 281	135 629	134 216	135 925	136 699	+0.85	+0.08
Solid fossil fuels	7 786	5 071	2 086						
Crude oil & other hydrocarbons	3 547	3 099	1 934	1 460	1 185	1 066	1 081	-4.64	-2.96
Natural gas	2 516	2 793	1 505	909	646	13	19	-17.73	-32.03
Nuclear heat	81 018	97 308	107 093	116 474	110 539	112 590	112 836	+1.33	-0.32
Renewable energies	15 224	17 039	15 735	15 728	20 647	21 012	21 417	+1.37	+3.14
Non-renewable wastes	573	721	929	1 058	1 201	1 244	1 345	+3.47	+2.43
Net imports	120 735	117 058	134 082	143 957	131 947	115 330	116 843	-0.13	-2.07
Solid fossil fuels	13 006	9 135	13 005	13 511	12 192	9 207	8 685	-1.60	-4.32
Crude oil & other hydrocarbons	76 616	79 798	85 329	85 160	65 065	55 067	58 448	-1.08	-3.69
Petroleum products	10 649	6 637	5 936	9 807	17 623	22 671	20 204	+2.59	+7.50
Natural gas	24 371	27 493	35 778	40 720	39 553	33 785	34 585	+1.41	-1.62
Renewable energies			7	- 54	154	377	429		
Gross inland consumption	227 788	241 777	257 540	276 382	266 889	248 454	252 615	+0.41	-0.90
Solid fossil fuels	20 196	16 079	15 048	14 303	12 076	9 339	8 827	-3.26	-4.71
Crude oil & petroleum products	88 651	87 059	88 937	93 035	82 374	77 107	78 255	-0.50	-1.72
Gas	26 032	29 577	35 766	41 025	42 540	32 597	35 047	+1.20	-1.56
Nuclear heat	81 018	97 308	107 093	116 474	110 539	112 590	112 836	+1.33	-0.32
Renewable energies	15 224	17 039	15 742	15 675	20 801	21 354	21 814	+1.45	+3.36
Non-renewable wastes	573	721	929	1 058	1 201	1 244	1 345	+3.47	+2.43
Transformation input	182 386	198 859	218 098	228 397	206 522	187 346	190 945	+0.18	-1.78
Conventional thermal power stations	10 995	9 732	13 294	17 333	17 876	9 573	10 987	-0.00	-4.46
Nuclear power stations	81 018	97 308	107 093	116 474	110 539	112 590	112 836	+1.33	-0.32
District heating plants	1 019	398	312	447	607	1 552	1 685	+2.03	+14.18
Coke-ovens	7 055	5 738	4 815	4 360	3 153	3 276	3 253	-3.05	-2.89
Blast-furnaces	1 794	1 590	1 682	1 513	1 246	1 293	1 200	-1.60	-2.29
Refineries	80 261	83 922	90 823	88 249	73 102	59 060	60 978	-1.09	-3.63
BKB / PB plants									
Transformation output	120 444	127 113	140 678	142 408	123 005	106 679	109 455	-0.38	-2.60
Conventional thermal power stations	4 192	3 856	7 654	9 781	8 841	4 733	5 564	+1.14	-5.49
Nuclear power stations	27 006	32 436	35 698	38 824	36 846	37 530	37 612	+1.33	-0.32
District heating plants	478	163	148	216	333	1 201	1 347	+4.24	+20.08
Coke-ovens	6 338	4 958	4 611	3 840	2 725	2 873	2 765	-3.26	-3.23
Blast-furnaces	1 794	1 590	1 682	1 513	1 246	1 293	1 200	-1.60	-2.29
Refineries	80 249	83 910	90 800	88 211	73 013	59 048	60 967	-1.09	-3.63
BKB / PB plants									
<i>of which: electricity</i>	31 198	35 904	40 263	44 564	42 178	40 535	41 278	+1.13	-0.76
<i>of which: derived heat</i>	478	550	3 236	4 258	3 843	2 929	3 246	+7.97	-2.68
Exchanges, transfers and returns	- 34	- 42	- 119	- 44	166	18	- 27		
Consumption of the energy branch	9 365	10 285	10 823	9 801	9 473	7 178	7 034	-1.14	-3.26
Distribution losses	2 536	2 833	2 956	3 459	3 404	3 572	3 727	+1.55	+0.75
Energy available for final consumption	153 909	156 872	166 223	177 089	170 661	157 053	160 337	+0.16	-0.99
Solid fossil fuels	8 839	6 558	5 634	5 251	5 166	4 622	4 244	-2.89	-2.11
Gas/Diesel Oil (w/o bio)	35 574	38 776	42 070	49 702	45 435	45 778	46 697	+1.09	-0.62
Motor Gasoline (w/o bio)	20 099	17 226	15 704	10 168	8 909	8 211	8 438	-3.41	-1.85
Kerosene Type Jet Fuel	5 194	4 823	6 903	7 361	7 245	6 605	6 979	+1.19	-0.53
Naphtha	5 471	6 322	5 171	6 054	4 271	4 006	3 994	-1.25	-4.08
LPG	3 741	3 317	3 153	3 532	3 918	3 992	3 848	+0.11	+0.86
All other oil & petroleum products	11 879	9 833	8 961	9 524	7 445	6 007	5 778	-2.84	-4.87
Natural gas	25 288	28 648	32 121	34 723	33 820	27 812	28 979	+0.55	-1.79
Derived gases	1 578	1 393	1 114	939	786	854	807	-2.65	-1.50
Solid biomass & charcoal	9 607	9 370	8 266	8 442	8 929	7 717	8 214	-0.62	-0.27
Liquid biofuels		159	330	588	2 404	2 883	2 916		+17.37
All other renewable energies	190	297	380	157	242	358	378	+2.79	+9.21
Non-renewable wastes		77	152	63	99	129	129		+7.38
Electricity	25 971	29 522	33 029	36 328	38 150	35 612	36 254	+1.34	-0.02
Derived heat	478	550	3 236	4 258	3 843	2 466	2 682	+7.15	-4.52
Statistical difference	4 393	- 2 473	- 5 267	209	1 406	2 848	2 865		
Final non-energy consumption	13 363	15 862	16 176	16 115	13 952	13 860	13 348	-0.00	-1.87
Final energy consumption	136 153	143 483	155 314	160 765	155 303	140 345	144 123	+0.23	-1.09
Industry	35 630	36 199	37 346	33 483	28 458	27 333	28 639	-0.87	-1.55
Transport	42 074	45 699	50 409	50 255	49 473	49 335	50 077	+0.70	-0.04
Road transport	36 956	39 622	42 763	42 596	41 837	41 624	42 026	+0.52	-0.13
Domestic & International aviation	3 870	4 716	6 116	6 292	6 294	6 408	6 715	+2.23	+0.65
Other sectors	58 448	61 585	67 559	77 027	77 373	63 677	65 407	+0.45	-1.62
Services	18 223	20 720	18 359	20 760	23 176	22 159	22 542	+0.85	+0.83
Residential	35 795	35 787	40 788	43 070	43 103	36 244	37 664	+0.20	-1.33

Source: Eurostat (nrg_100a)

Croatia, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	4 393		685	1 471		2 228	9		
+ Primary production receipt									
+ Other sources (recovered products)	75		75						
+ Recycled products									
+ Imports	7 162	624	4 511	868		28		1 131	
+ Stock changes	- 56	- 18	- 88	46		4			
- Exports	3 045		1 896	304		298		548	
- Bunkers									
- Direct use	2		2						
Gross inland consumption	8 525	605	3 283	2 082		1 962	9	584	
Transformation input	4 597	524	3 472	501		100			
+ Conventional thermal power stations	1 026	524	47	368		87			
+ Nuclear power stations									
+ District heating plants	68		8	60					
+ Coke ovens									
+ Blast furnaces									
+ Gas works	0			0					
+ Refineries	3 417		3 417						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	14					14			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	73			73					
Transformation output	4 031		3 416	0		5		343	265
+ Conventional thermal power stations	554							343	211
+ Nuclear power stations									
+ District heating plants	54								54
+ Coke ovens									
+ Blast furnaces									
+ Gas works	0			0					
+ Refineries	3 416		3 416						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	5					5			
Exchanges, transfers and returns	1		1			- 623		623	
Consumption of the energy branch	622		363	168		1		76	15
Distribution losses	220			26		1		155	38
Available for final consumption	7 117	81	2 866	1 387		1 242	9	1 319	212
Statistical difference	- 0	0				- 0		0	
Final non-energy consumption	530		120	410					
Final energy consumption	6 587	81	2 746	977		1 242	9	1 319	212
+ Industry	1 090	78	281	341		30	9	295	55
+ Iron and Steel	23	3	1	5				15	
+ Chemical and Petrochemical	151		4	106				26	15
+ Non-ferrous metals	7		2	2		0		3	
+ Non-metallic minerals	330	63	133	68		7	9	50	
+ Transport eEquipment	12		2	3		0		7	
+ Machinery	71		6	18		0		37	10
+ Mining and Quarrying	15		11	0				4	
+ Food, Beverages and Tobacco	202	13	21	92		3		61	13
+ Paper, Pulp and Printing	58		6	27		1		24	1
+ Wood and Wood products	46			1		8		23	13
+ Construction	100		93					7	
+ Textile and Leather	28		1	12		0		14	1
+ Not elsewhere specified (Industry)	46		1	7		11		25	2
+ Transport	2 107		2 059	3		24		21	
+ Rail	37		18					18	
+ Road	1 899		1 871	3		24			
+ International aviation	117		117						
+ Domestic aviation	11		11						
+ Domestic navigation	42		42						
+ Pipeline transport	3							3	
+ Not elsewhere specified (Transport)									
+ Other sectors	3 390	3	406	633		1 188		1 003	157
+ Commercial and public services	742		62	169		12		465	33
+ Residential	2 418	3	144	446		1 172		533	120
+ Agriculture / Forestry	203		172	18		4		5	4
+ Fishing	28		28						
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Croatia	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	5 674	4 996	4 258	4 753	5 148	4 353	4 393	-1.02	-0.79
Solid fossil fuels	101	47							
Crude oil & other hydrocarbons	2 736	1 798	1 345	1 029	759	607	685	-5.39	-3.99
Natural gas	1 619	1 606	1 355	1 865	2 215	1 444	1 471	-0.38	-2.34
Nuclear heat									
Renewable energies	1 218	1 544	1 557	1 855	2 167	2 292	2 228	+2.44	+1.84
Non-renewable wastes			1	4	8	10	9		+8.28
Net imports	3 814	2 846	4 084	5 147	4 393	3 587	4 116	+0.31	-2.21
Solid fossil fuels	620	150	478	624	699	597	624	+0.03	-0.00
Crude oil & other hydrocarbons	4 363	3 980	3 952	4 333	3 647	2 385	2 787	-1.78	-4.32
Petroleum products	- 2 320	- 1 772	- 1 546	- 751	- 667	- 38	- 173	-9.87	-13.66
Natural gas	575	224	905	562	475	577	564	-0.08	+0.05
Renewable energies					- 103	- 275	- 270		
Gross inland consumption	9 534	7 857	8 422	9 782	9 427	8 195	8 525	-0.45	-1.37
Solid fossil fuels	817	175	431	683	683	646	605	-1.19	-1.20
Crude oil & petroleum products	4 729	3 940	3 929	4 490	3 699	3 172	3 283	-1.45	-3.08
Gas	2 195	1 934	2 209	2 370	2 632	2 019	2 082	-0.21	-1.29
Nuclear heat									
Renewable energies	1 218	1 544	1 557	1 855	2 065	2 008	1 962	+1.92	+0.56
Non-renewable wastes			1	4	8	10	9		+8.28
Transformation input	8 873	6 495	6 643	6 806	5 683	4 144	4 597	-2.60	-3.85
Conventional thermal power stations	1 345	1 047	1 248	1 479	1 261	964	1 026	-1.08	-3.60
Nuclear power stations									
District heating plants	78	71	83	104	97	65	68	-0.57	-4.15
Coke-ovens	523								
Blast-furnaces	36								
Refineries	6 860	5 365	5 299	5 210	4 304	3 031	3 417	-2.75	-4.13
BKB / PB plants									
Transformation output	8 154	5 997	5 995	6 056	5 085	3 593	4 031	-2.78	-3.99
Conventional thermal power stations	706	562	623	752	700	506	554	-0.96	-3.00
Nuclear power stations									
District heating plants	63	63	65	83	74	50	54	-0.60	-4.16
Coke-ovens	469								
Blast-furnaces	36								
Refineries	6 858	5 364	5 298	5 209	4 304	3 030	3 416	-2.75	-4.13
BKB / PB plants									
<i>of which: electricity</i>	425	309	414	517	476	315	343	-0.85	-4.01
<i>of which: derived heat</i>	344	316	274	318	299	242	265	-1.03	-1.81
Exchanges, transfers and returns		- 0	0	0	1	1	1		
Consumption of the energy branch	1 415	1 051	846	846	761	652	622	-3.23	-3.02
Distribution losses	214	214	273	274	260	212	220	+0.11	-2.16
Energy available for final consumption	7 187	6 095	6 656	7 912	7 809	6 781	7 117	-0.04	-1.05
Solid fossil fuels	472	112	74	146	151	102	81	-6.81	-5.72
Gas/Diesel Oil (w/o bio)	1 228	1 050	1 359	1 796	1 755	1 615	1 737	+1.40	-0.33
Motor Gasoline (w/o bio)	814	612	835	755	692	568	567	-1.44	-2.83
Kerosene Type Jet Fuel	168	89	76	98	108	130	127	-1.11	+2.67
Naphtha	83	163							
LPG	125	105	100	130	183	156	157	+0.90	+1.90
All other oil & petroleum products	703	449	523	614	351	274	278	-3.64	-7.61
Natural gas	1 237	1 350	1 447	1 616	1 693	1 352	1 387	+0.46	-1.52
Derived gases	59	9	8	11	4	1	0	-19.77	-31.52
Solid biomass & charcoal	861	1 053	1 001	1 243	1 241	1 056	1 197	+1.32	-0.38
Liquid biofuels					3	30	24		
All other renewable energies			1	2	12	20	21		+24.84
Non-renewable wastes			1	4	8	10	9		+8.28
Electricity	1 144	853	1 017	1 240	1 364	1 275	1 319	+0.57	+0.62
Derived heat	292	249	213	257	245	193	212	-1.27	-1.93
Statistical difference	1	0	- 0		1	- 0	- 0		
Final non-energy consumption	702	812	656	675	596	540	530	-1.12	-2.40
Final energy consumption	6 484	5 283	6 000	7 237	7 212	6 241	6 587	+0.06	-0.94
Industry	2 235	1 253	1 378	1 563	1 366	1 097	1 090	-2.83	-3.55
Transport	1 406	1 199	1 547	1 923	2 070	2 015	2 107	+1.63	+0.92
<i>Road transport</i>	1 086	1 004	1 369	1 738	1 871	1 799	1 899	+2.26	+0.89
<i>Domestic & International aviation</i>	168	89	76	99	109	131	127	-1.11	+2.56
Other sectors	2 844	2 831	3 076	3 750	3 777	3 129	3 390	+0.71	-1.00
<i>Services</i>	436	440	492	692	775	676	742	+2.15	+0.69
<i>Residential</i>	1 977	2 192	2 295	2 816	2 757	2 219	2 418	+0.81	-1.51

Source: Eurostat (nrg_100a)

Italy, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	36 134	51	5 824	5 545		23 564	1 149		
+ Primary production receipt									
+ Other sources (recovered products)									
+ Recycled products									
+ Imports	151 070	12 583	81 133	50 177		2 805		4 372	
+ Stock changes	104	- 74	405	- 240		13			
- Exports	29 240	259	28 302	181		113		384	
- Bunkers	1 900		1 900						
- Direct use									
Gross inland consumption	156 169	12 301	57 160	55 301		26 269	1 149	3 988	
Transformation input	124 140	11 859	79 684	20 970		10 747	881		
+ Conventional thermal power stations	46 778	9 801	4 522	20 970		10 604	881		
+ Nuclear power stations									
+ District heating plants	128					128			
+ Coke ovens	1 593	1 593							
+ Blast furnaces	464	464							
+ Gas works									
+ Refineries	75 162		75 162						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	15					15			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	99 549	1 346	75 144	825		7		17 045	5 182
+ Conventional thermal power stations	22 138							17 045	5 092
+ Nuclear power stations									
+ District heating plants	89								89
+ Coke ovens	1 706	1 346		360					
+ Blast furnaces	464			464					
+ Gas works									
+ Refineries	75 144		75 144						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	7					7			
Exchanges, transfers and returns	- 46	- 46				- 7 165		7 165	
Consumption of the energy branch	7 559	2	3 325	1 139				1 783	1 309
Distribution losses	1 980			263				1 695	21
Available for final consumption	121 993	1 785	49 249	33 754		8 365	269	24 719	3 851
Statistical difference	- 1 056	- 1	- 1 055	- 0		0		0	0
Final non-energy consumption	6 605	67	5 966	573					
Final energy consumption	116 444	1 720	44 338	33 182		8 365	269	24 719	3 851
+ Industry	26 023	1 720	2 777	8 471		402	269	9 687	2 696
+ Iron and Steel	4 716	1 579	90	1 389				1 499	160
+ Chemical and Petrochemical	3 292	1	266	936		8	71	1 200	811
+ Non-ferrous metals	625	3	30	378				214	0
+ Non-metallic minerals	4 971	138	1 687	1 893		146	168	773	166
+ Transport eEquipment	398							302	96
+ Machinery	3 357		279	1 333		2	3	1 715	25
+ Mining and Quarrying	111		25	32				54	1
+ Food, Beverages and Tobacco	2 708		194	1 100		49		1 045	320
+ Paper, Pulp and Printing	2 372		68	613		0		751	940
+ Wood and Wood products	453			29		135	0	259	31
+ Construction	350		22	211		0		117	0
+ Textile and Leather	1 106		82	539		0		450	35
+ Not elsewhere specified (Industry)	1 564	1	34	19		63	27	1 309	110
+ Transport	39 541		36 353	1 087		1 167		933	
+ Rail	461		22					439	
+ Road	33 609		31 535	901		1 167		6	
+ International aviation	3 166		3 166						
+ Domestic aviation	697		697						
+ Domestic navigation	932		932						
+ Pipeline transport	221			187				35	
+ Not elsewhere specified (Transport)	454							454	
+ Other sectors	50 880		5 208	23 623		6 796		14 098	1 156
+ Commercial and public services	15 391		564	6 499		190		7 918	221
+ Residential	32 494		2 375	16 986		6 535		5 691	908
+ Agriculture / Forestry	2 663		1 994	138		50		472	9
+ Fishing	188		150			21		17	
+ Not elsewhere specified (Other)	143		126						17

Source: Eurostat (nrg_100a)

Italy	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	25 628	29 446	28 153	30 250	33 008	36 809	36 134	+1.38	+1.79
Solid fossil fuels	275	43	4	60	64	55	51	-6.49	-1.58
Crude oil & other hydrocarbons	4 778	5 407	4 672	6 302	5 624	6 098	5 824	+0.80	-0.79
Natural gas	14 030	16 347	13 622	9 886	6 885	5 855	5 545	-3.64	-5.62
Nuclear heat									
Renewable energies	6 381	7 488	9 597	13 328	19 395	23 644	23 564	+5.36	+5.86
Non-renewable wastes	164	162	259	673	1 041	1 158	1 149	+8.09	+5.50
Net imports	132 207	134 500	152 069	160 365	149 460	116 122	121 831	-0.33	-2.71
Solid fossil fuels	13 745	12 999	13 133	16 367	13 791	12 897	12 324	-0.44	-2.80
Crude oil & other hydrocarbons	84 463	82 111	89 451	94 306	84 833	59 643	67 946	-0.87	-3.23
Petroleum products	5 617	7 410	- 1 852	- 15 153	- 17 056	- 8 499	- 15 115		-0.02
Natural gas	25 311	28 530	47 008	59 840	61 600	45 471	49 996	+2.76	-1.78
Renewable energies	92	232	516	778	2 494	2 850	2 692	+14.47	+13.21
Gross inland consumption	153 511	161 765	174 219	190 081	177 925	151 027	156 169	+0.07	-1.95
Solid fossil fuels	14 630	12 277	12 550	16 461	13 660	13 067	12 301	-0.69	-2.87
Crude oil & petroleum products	90 069	93 519	89 540	83 963	69 506	55 825	57 160	-1.80	-3.77
Gas	39 196	44 868	57 945	70 651	68 057	50 706	55 301	+1.39	-2.42
Nuclear heat									
Renewable energies	6 472	7 719	10 113	14 107	21 864	26 512	26 269	+5.76	+6.41
Non-renewable wastes	164	162	259	673	1 041	1 158	1 149	+8.09	+5.50
Transformation input	139 915	141 983	150 890	165 684	149 467	114 242	124 140	-0.48	-2.85
Conventional thermal power stations	40 312	43 588	49 150	58 911	53 515	44 089	46 778	+0.60	-2.28
Nuclear power stations									
District heating plants					110	120	128		
Coke-ovens	6 373	4 991	4 724	3 745	3 639	1 690	1 593	-5.39	-8.19
Blast-furnaces	1 367	1 225	980	1 029	770	612	464	-4.23	-7.64
Refineries	91 564	91 844	95 900	101 959	91 420	67 717	75 162	-0.79	-3.00
BKB / PB plants									
Transformation output	113 938	114 661	119 804	133 232	120 575	90 595	99 549	-0.54	-2.87
Conventional thermal power stations	15 607	17 159	19 360	26 829	25 183	20 492	22 138	+1.41	-1.90
Nuclear power stations									
District heating plants					68	84	89		
Coke-ovens	5 378	4 415	3 544	3 418	3 144	1 694	1 706	-4.49	-6.71
Blast-furnaces	1 367	1 225	980	1 029	770	612	464	-4.23	-7.64
Refineries	91 554	91 816	95 862	101 935	91 404	67 705	75 144	-0.79	-3.00
BKB / PB plants									
<i>of which: electricity</i>	15 607	17 159	19 360	22 218	20 346	15 657	17 045	+0.35	-2.62
<i>of which: derived heat</i>				4 611	4 904	4 919	5 182		+1.17
Exchanges, transfers and returns	- 302	- 157	- 105	- 80	- 66	- 64	- 46		
Consumption of the energy branch	7 197	7 521	7 206	10 052	9 539	6 767	7 559	+0.20	-2.81
Distribution losses	1 832	1 911	2 079	2 264	2 255	1 963	1 980	+0.31	-1.33
Energy available for final consumption	118 202	124 853	133 742	145 232	137 173	118 585	121 993	+0.13	-1.73
Solid fossil fuels	4 153	4 255	3 797	4 143	2 976	2 363	1 785	-3.32	-8.07
Gas/Diesel Oil (w/o bio)	27 058	24 286	26 732	31 609	28 693	26 833	26 151	-0.14	-1.88
Motor Gasoline (w/o bio)	14 782	19 438	17 722	14 646	10 604	9 232	8 167	-2.35	-5.67
Kerosene Type Jet Fuel	2 299	2 765	3 676	3 883	4 014	3 832	3 989	+2.23	+0.27
Naphtha	3 701	3 273	2 660	2 859	3 196	2 455	2 127	-2.19	-2.91
LPG	3 617	4 056	4 307	3 855	3 684	3 465	3 569	-0.05	-0.77
All other oil & petroleum products	11 644	9 167	10 415	9 076	6 577	3 137	5 247	-3.14	-5.33
Natural gas	30 345	34 618	38 588	41 583	39 065	31 412	33 556	+0.40	-2.12
Derived gases	1 080	994	410	19		179	198	-6.56	+26.33
Solid biomass & charcoal	724	1 142	1 516	4 126	7 393	6 053	6 850	+9.40	+5.20
Liquid biofuels				177	1 420	1 065	1 167		+20.77
All other renewable energies	205	254	305	240	261	335	349	+2.14	+3.79
Non-renewable wastes	139	117	143	62	223	272	269	+2.67	+15.77
Electricity	18 455	20 488	23 472	25 871	25 736	24 204	24 719	+1.18	-0.45
Derived heat				3 082	3 332	3 747	3 851		+2.25
Statistical difference	144	542	593	- 528	- 846	- 1 952	- 1 056		
Final non-energy consumption	10 348	9 733	8 429	8 608	9 560	7 188	6 605	-1.78	-2.61
Final energy consumption	107 711	114 578	124 720	137 153	128 459	113 350	116 444	+0.31	-1.62
Industry	35 766	36 020	39 738	39 858	31 253	26 164	26 023	-1.26	-4.17
Transport	34 224	38 574	42 519	44 836	41 734	40 085	39 541	+0.58	-1.25
<i>Road transport</i>	30 933	34 743	36 881	38 783	35 747	34 273	33 609	+0.33	-1.42
<i>Domestic & International aviation</i>	1 884	2 424	3 497	3 715	3 883	3 722	3 864	+2.91	+0.39
Other sectors	37 721	39 984	42 463	52 459	55 472	47 100	50 880	+1.20	-0.31
<i>Services</i>	8 174	9 817	11 542	15 053	16 979	14 667	15 391	+2.56	+0.22
<i>Residential</i>	26 060	26 322	27 590	33 922	35 393	29 546	32 494	+0.89	-0.43

Source: Eurostat (nrg_100a)

Cyprus, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	121					118	3		
+ Primary production receipt									
+ Other sources (recovered products)	0		0						
+ Recycled products	5		5						
+ Imports	2 476	4	2 439			27	6		
+ Stock changes	- 67		- 72			1	3		
- Exports	24		24						
- Bunkers	238		238						
- Direct use	0		0						
Gross inland consumption	2 272	4	2 110			147	12		
Transformation input	923		913			10			
+ Conventional thermal power stations	920		913			7			
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	2					2			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	362					1		360	1
+ Conventional thermal power stations	361							360	1
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	1					1			
Exchanges, transfers and returns						- 30		30	
Consumption of the energy branch	20							20	
Distribution losses	18							18	
Available for final consumption	1 673	4	1 197			108	12	352	1
Statistical difference	- 10		- 10			- 0		- 0	
Final non-energy consumption	24		24						
Final energy consumption	1 660	4	1 183			108	12	352	1
+ Industry	201	4	134			11	12	39	
+ Iron and Steel	0							0	
+ Chemical and Petrochemical	7		2			1		3	
+ Non-ferrous metals	1		1						
+ Non-metallic minerals	146	4	107			10	12	13	
+ Transport eEquipment	0							0	
+ Machinery	1							1	
+ Mining and Quarrying	4		2					2	
+ Food, Beverages and Tobacco	28		14			0		14	
+ Paper, Pulp and Printing	2		1					1	
+ Wood and Wood products	0							0	
+ Construction	5		5					0	
+ Textile and Leather	0							0	
+ Not elsewhere specified (Industry)	5		2					3	
+ Transport	867		858			10			
+ Rail									
+ Road	622		612			10			
+ International aviation	245		245						
+ Domestic aviation									
+ Domestic navigation									
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	591		191			87		312	1
+ Commercial and public services	214		36			16		162	
+ Residential	317		120			67		130	
+ Agriculture / Forestry	42		25			4		12	1
+ Fishing	2		2					0	
+ Not elsewhere specified (Other)	16		8					7	

Source: Eurostat (nrg_100a)

Cyprus	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	6	42	44	51	89	118	121	+12.67	+9.04
Solid fossil fuels									
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies	6	42	44	48	82	111	118	+12.55	+9.48
Non-renewable wastes				3	7	7	3		-0.22
Net imports	1 639	2 042	2 565	2 843	2 944	2 291	2 452	+1.62	-1.47
Solid fossil fuels	64	13	33	43	11	3	4	-10.80	-21.83
Crude oil & other hydrocarbons	627	801	1 160						
Petroleum products	948	1 225	1 371	2 794	2 910	2 266	2 415	+3.81	-1.45
Natural gas									
Renewable energies		2	1	6	24	21	27		+16.66
Gross inland consumption	1 610	1 965	2 413	2 539	2 740	2 229	2 272	+1.39	-1.10
Solid fossil fuels	64	13	33	36	17	2	4	-10.80	-20.32
Crude oil & petroleum products	1 540	1 907	2 334	2 446	2 611	2 087	2 110	+1.27	-1.47
Gas									
Nuclear heat									
Renewable energies	6	45	46	54	105	132	147	+13.53	+10.60
Non-renewable wastes				3	7	8	12		+14.10
Transformation input	1 157	1 482	2 065	1 081	1 183	898	923	-0.90	-1.57
Conventional thermal power stations	516	641	881	1 077	1 182	896	920	+2.34	-1.56
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries	639	832	1 178						
BKB / PB plants									
Transformation output	809	1 049	1 470	378	455	353	362	-3.17	-0.43
Conventional thermal power stations	170	215	290	376	454	352	361	+3.07	-0.41
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries	639	832	1 178						
BKB / PB plants									
of which: electricity	170	215	290	376	454	351	360	+3.05	-0.44
of which: derived heat					0	1	1		
Exchanges, transfers and returns									
Consumption of the energy branch	38	45	54	22	20	20	20	-2.61	-1.03
Distribution losses	10	10	16	14	19	15	18	+2.68	+2.75
Energy available for final consumption	1 215	1 478	1 747	1 799	1 973	1 649	1 673	+1.29	-0.72
Solid fossil fuels	64	13	33	36	17	2	4	-10.80	-20.32
Gas/Diesel Oil (w/o bio)	333	441	546	517	447	346	367	+0.39	-3.36
Motor Gasoline (w/o bio)	172	189	224	346	416	360	368	+3.08	+0.62
Kerosene Type Jet Fuel	314	318	297	318	283	237	246	-0.96	-2.52
Naphtha									
LPG	55	54	50	58	55	54	61	+0.39	+0.57
All other oil & petroleum products	118	233	297	131	232	199	154	+1.07	+1.63
Natural gas									
Derived gases									
Solid biomass & charcoal	4	7	6	9	19	16	17	+5.78	+6.06
Liquid biofuels					15	10	10		
All other renewable energies		31	35	41	64	77	81		+6.98
Non-renewable wastes				3	7	8	12		+14.10
Electricity	154	191	258	340	419	341	352	+3.36	+0.33
Derived heat					0	1	1		
Statistical difference	82	- 11	12	- 107	- 38	9	- 10		
Final non-energy consumption	32	63	86	73	85	24	24	-1.11	-10.53
Final energy consumption	1 101	1 425	1 649	1 833	1 926	1 616	1 660	+1.65	-0.99
Industry	267	394	444	320	235	221	201	-1.13	-4.53
Transport	637	760	860	982	1 050	843	867	+1.24	-1.24
Road transport	388	486	577	676	765	600	622	+1.90	-0.83
Domestic & International aviation	249	274	282	307	284	243	245	-0.05	-2.20
Other sectors	197	271	345	531	641	552	591	+4.48	+1.08
Services	53	72	108	161	248	203	214	+5.77	+2.91
Residential	107	141	176	317	332	290	317	+4.46	-0.00

Source: Eurostat (nrg_100a)

Latvia, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	2 338					2 330	8		
+ Primary production receipt									
+ Other sources (recovered products)									
+ Recycled products	7		7						
+ Imports	4 504	41	2 760	1 083		123	46	451	
+ Stock changes	- 82	7	- 58	16		- 48	0		
- Exports	2 134	1	971			867		294	
- Bunkers	253		253						
- Direct use									
Gross inland consumption	4 380	47	1 486	1 098		1 537	55	157	
Transformation input	1 194	4	1	758		432		0	
+ Conventional thermal power stations	974	2		693		279			
+ Nuclear power stations									
+ District heating plants	203	2	1	64		136		0	
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	17					17			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	919					8		303	608
+ Conventional thermal power stations	756							303	453
+ Nuclear power stations									
+ District heating plants	155								155
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	8					8			
Exchanges, transfers and returns						- 173		173	
Consumption of the energy branch	87		6	16				38	27
Distribution losses	124			8				39	78
Available for final consumption	3 893	42	1 479	317		941	55	556	504
Statistical difference	- 7		- 7			0		0	
Final non-energy consumption	113		113						
Final energy consumption	3 787	42	1 373	317		941	55	556	504
+ Industry	788	24	48	121		359	55	146	35
+ Iron and Steel	14			10				4	0
+ Chemical and Petrochemical	23		3	8		6		5	1
+ Non-ferrous metals	1			1					
+ Non-metallic minerals	135	23	7	29		0	55	21	0
+ Transport eEquipment	6			1		0		4	1
+ Machinery	16		1	4		2		8	1
+ Mining and Quarrying	6	0	3	1		0		1	
+ Food, Beverages and Tobacco	77	1	7	37		6		24	3
+ Paper, Pulp and Printing	5			2		0		2	0
+ Wood and Wood products	449		9	12		340		62	26
+ Construction	36		17	10		1		6	1
+ Textile and Leather	8	1		4		0		2	1
+ Not elsewhere specified (Industry)	12			2		3		6	1
+ Transport	1 147		1 113			25		9	
+ Rail	71		66			2		3	
+ Road	962		937			21		4	
+ International aviation	107		107						
+ Domestic aviation									
+ Domestic navigation	3		3						
+ Pipeline transport	1							1	
+ Not elsewhere specified (Transport)	2					2			
+ Other sectors	1 853	18	212	196		557		400	469
+ Commercial and public services	586	6	52	86		83		234	125
+ Residential	1 106	12	49	98		458		151	337
+ Agriculture / Forestry	154		105	12		16		13	8
+ Fishing	6		5	0		0		1	
+ Not elsewhere specified (Other)	1		1					0	0

Source: Eurostat (nrg_100a)

Latvia	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	1 123	1 432	1 409	1 861	1 977	2 380	2 338	+2.98	+2.31
Solid fossil fuels	61	78	16	3	2	1			
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies	1 062	1 354	1 393	1 854	1 964	2 371	2 330	+3.19	+2.31
Non-renewable wastes				4	10	8	8		+6.39
Net imports	7 469	3 361	2 361	3 097	2 220	1 899	2 370	-4.49	-2.64
Solid fossil fuels	626	164	61	77	112	46	39	-10.47	-6.50
Crude oil & other hydrocarbons		2	87	4	2				
Petroleum products	3 974	2 092	1 148	1 779	1 669	1 537	1 790	-3.14	+0.06
Natural gas	2 561	999	1 113	1 434	903	780	1 083	-3.39	-2.77
Renewable energies		- 91	- 202	- 382	- 559	- 716	- 745		+6.90
Gross inland consumption	7 932	4 623	3 864	4 592	4 629	4 452	4 380	-2.35	-0.47
Solid fossil fuels	710	268	132	82	109	60	47	-10.33	-5.49
Crude oil & petroleum products	3 489	1 893	1 295	1 487	1 521	1 433	1 486	-3.36	-0.01
Gas	2 380	1 010	1 092	1 358	1 462	1 082	1 098	-3.05	-2.10
Nuclear heat									
Renewable energies	1 045	1 258	1 191	1 476	1 435	1 613	1 537	+1.55	+0.41
Non-renewable wastes				4	28	65	55		+28.82
Transformation input	3 459	1 487	1 087	1 063	1 156	1 121	1 194	-4.16	+1.17
Conventional thermal power stations	887	592	517	576	789	883	974	+0.38	+5.40
Nuclear power stations									
District heating plants	2 545	886	569	476	356	220	203	-9.61	-8.15
Coke-ovens									
Blast-furnaces									
Refineries									
BKB / PB plants	27	9	1						
Transformation output	2 560	1 191	874	881	954	883	919	-4.01	+0.42
Conventional thermal power stations	720	467	400	482	665	705	756	+0.20	+4.60
Nuclear power stations									
District heating plants	1 840	724	474	393	283	169	155	-9.42	-8.88
Coke-ovens									
Blast-furnaces									
Refineries									
BKB / PB plants									
<i>of which: electricity</i>	185	90	113	132	263	258	303	+1.99	+8.69
<i>of which: derived heat</i>	2 375	1 101	761	744	685	615	608	-5.30	-2.00
Exchanges, transfers and returns			0	- 16					
Consumption of the energy branch	96	99	121	89	87	92	87	-0.40	-0.23
Distribution losses	469	286	249	197	167	134	124	-5.17	-4.50
Energy available for final consumption	6 469	3 942	3 281	4 108	4 173	3 987	3 893	-2.01	-0.54
Solid fossil fuels	291	118	61	74	94	54	42	-7.41	-5.35
Gas/Diesel Oil (w/o bio)	890	466	485	779	926	894	954	+0.28	+2.04
Motor Gasoline (w/o bio)	639	433	294	355	283	224	206	-4.43	-5.30
Kerosene Type Jet Fuel	73	28	27	59	118	110	107	+1.54	+6.20
Naphtha									
LPG	86	37	50	61	50	101	98	+0.52	+4.86
All other oil & petroleum products	448	298	225	159	123	97	114	-5.34	-3.28
Natural gas	698	366	331	508	498	327	317	-3.11	-4.62
Derived gases									
Solid biomass & charcoal	616	881	824	1 009	915	1 013	908	+1.57	-1.05
Liquid biofuels				3	27	24	25		+25.44
All other renewable energies				2	3	9	9		+16.96
Non-renewable wastes				4	28	65	55		+28.82
Electricity	715	384	385	493	534	566	556	-1.01	+1.21
Derived heat	2 013	930	598	603	575	505	504	-5.39	-1.78
Statistical difference	- 25	54	- 48	- 7	- 20	8	- 7		
Final non-energy consumption	80	42	75	97	73	94	113	+1.39	+1.53
Final energy consumption	6 414	3 846	3 254	4 018	4 120	3 885	3 787	-2.09	-0.59
Industry	1 982	699	576	699	774	791	788	-3.62	+1.21
Transport	1 126	716	749	1 067	1 201	1 094	1 147	+0.07	+0.73
<i>Road transport</i>	808	605	650	919	1 006	901	962	+0.70	+0.46
<i>Domestic & International aviation</i>	73	26	27	59	118	110	107	+1.54	+6.20
Other sectors	3 306	2 431	1 929	2 253	2 145	2 001	1 853	-2.29	-1.93
<i>Services</i>	1 102	662	473	594	598	609	586	-2.49	-0.14
<i>Residential</i>	1 583	1 601	1 327	1 504	1 389	1 238	1 106	-1.43	-3.03

Source: Eurostat (nrg_100a)

Lithuania, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	1 585	21	75			1 466	23		
+ Primary production receipt									
+ Other sources (recovered products)	16		16						
+ Recycled products	8		8						
+ Imports	14 370	167	11 184	2 141		195		683	
+ Stock changes	- 85	3	- 101	6		8	- 1		
- Exports	8 888	3	8 492	80		250		63	
- Bunkers	76		76						
- Direct use	16		16						
Gross inland consumption	6 913	187	2 597	2 067		1 419	23	620	
Transformation input	10 392	6	9 105	576		617	23	0	67
+ Conventional thermal power stations	756		21	462		184	23		67
+ Nuclear power stations									
+ District heating plants	557	4	6	114		432		0	
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	9 077		9 077						
+ Patent fuel plants									
+ BKB/PB plants	2	2							
+ Charcoal production plants	1					1			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	10 329	2	9 075			1		260	990
+ Conventional thermal power stations	717							260	456
+ Nuclear power stations									
+ District heating plants	534								534
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	9 075		9 075						
+ Patent fuel plants									
+ BKB/PB plants	2	2							
+ Charcoal production plants	1					1			
Exchanges, transfers and returns	- 9		- 9			- 106		106	
Consumption of the energy branch	668		516	31		0		114	7
Distribution losses	188		1					68	118
Available for final consumption	5 985	184	2 042	1 461		697		803	798
Statistical difference	- 0					- 0		0	
Final non-energy consumption	1 116		174	942					
Final energy consumption	4 869	184	1 867	519		697		803	798
+ Industry	983	97	39	284		89		285	190
+ Iron and Steel	2	1		0				2	
+ Chemical and Petrochemical	358		1	131		4		61	161
+ Non-ferrous metals									
+ Non-metallic minerals	147	93	4	23		6		21	1
+ Transport eEquipment	4			1				3	0
+ Machinery	22			6		0		15	1
+ Mining and Quarrying	5		2	0		0		2	0
+ Food, Beverages and Tobacco	186	2	15	81		17		60	10
+ Paper, Pulp and Printing	27			9		4		14	0
+ Wood and Wood products	84		2	3		40		29	10
+ Construction	38		11	11		1		12	1
+ Textile and Leather	31		1	14		1		14	2
+ Not elsewhere specified (Industry)	77	1	2	5		15		52	2
+ Transport	1 832		1 728	30		68		6	
+ Rail	54		51			2		1	
+ Road	1 661		1 584	8		66		3	
+ International aviation	82		82						
+ Domestic aviation									
+ Domestic navigation	5		5						
+ Pipeline transport	24			22				2	
+ Not elsewhere specified (Transport)	6		6						
+ Other sectors	2 054	88	100	205		540		513	609
+ Commercial and public services	577	33	2	62		38		267	174
+ Residential	1 365	52	41	123		491		229	430
+ Agriculture / Forestry	98	2	43	21		11		16	5
+ Fishing	2		2					0	
+ Not elsewhere specified (Other)	12		12						

Source: Eurostat (nrg_100a)

Lithuania	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	4 806	3 754	3 235	3 851	1 310	1 487	1 585	-4.34	-8.50
Solid fossil fuels	14	15	12	20	9	28	21	+1.55	+0.56
Crude oil & other hydrocarbons	12	127	318	219	117	83	75	+7.69	-10.14
Natural gas									
Nuclear heat	4 459	3 112	2 223	2 713					
Renewable energies	321	501	682	900	1 185	1 358	1 466	+6.27	+5.00
Non-renewable wastes						18	23		
Net imports	11 483	5 537	4 247	5 026	5 668	5 232	5 482	-2.91	+0.87
Solid fossil fuels	758	158	80	174	196	211	163	-5.96	-0.66
Crude oil & other hydrocarbons	9 354	3 504	4 760	9 029	9 339	8 035	9 065	-0.13	+0.04
Petroleum products	- 2 277	75	- 2 537	- 6 408	- 6 731	- 5 753	- 6 373	+4.20	-0.05
Natural gas	4 678	2 028	2 065	2 493	2 485	2 150	2 061	-3.22	-1.88
Renewable energies		1	- 6	- 7	- 135	- 66	- 55		+22.06
Gross inland consumption	15 919	8 639	7 063	8 711	6 787	6 695	6 913	-3.28	-2.28
Solid fossil fuels	797	247	92	185	214	236	187	-5.62	+0.12
Crude oil & petroleum products	6 694	2 989	2 125	2 710	2 503	2 444	2 597	-3.72	-0.43
Gas	4 678	2 028	2 064	2 476	2 492	2 065	2 067	-3.21	-1.79
Nuclear heat	4 459	3 112	2 223	2 713					
Renewable energies	320	493	675	881	1 065	1 277	1 419	+6.14	+4.88
Non-renewable wastes						18	23		
Transformation input	18 291	8 461	8 854	13 938	11 293	9 412	10 392	-2.24	-2.89
Conventional thermal power stations	2 618	956	932	1 272	1 348	797	756	-4.85	-5.08
Nuclear power stations	4 459	3 112	2 223	2 713					
District heating plants	1 822	1 079	656	520	496	466	557	-4.63	+0.69
Coke-ovens									
Blast-furnaces									
Refineries	9 384	3 307	5 032	9 415	9 446	8 146	9 077	-0.13	-0.36
BKB / PB plants	8	6	4	4	2	2	2	-6.10	-8.81
Transformation output	14 215	6 040	7 114	11 812	10 976	9 405	10 329	-1.27	-1.33
Conventional thermal power stations	1 812	717	699	975	1 041	737	717	-3.64	-3.04
Nuclear power stations	1 530	1 079	776	935					
District heating plants	1 485	933	604	482	488	521	534	-4.01	+1.02
Coke-ovens									
Blast-furnaces									
Refineries	9 380	3 305	5 030	9 414	9 443	8 144	9 075	-0.13	-0.37
BKB / PB plants	9	7	5	5	3	3	2	-4.99	-7.58
<i>of which: electricity</i>	2 407	1 130	927	1 201	364	223	260	-8.51	-14.18
<i>of which: derived heat</i>	2 419	1 598	1 152	1 192	1 166	1 034	990	-3.51	-1.84
Exchanges, transfers and returns			- 12	- 9	- 5	- 4	- 9		
Consumption of the energy branch	951	572	650	882	753	588	668	-1.41	-2.75
Distribution losses	349	520	384	300	237	196	188	-2.45	-4.59
Energy available for final consumption	10 542	5 128	4 277	5 394	5 476	5 900	5 985	-2.24	+1.04
Solid fossil fuels	750	230	83	176	208	230	184	-5.47	+0.43
Gas/Diesel Oil (w/o bio)	1 368	579	559	860	1 023	1 302	1 388	+0.06	+4.90
Motor Gasoline (w/o bio)	1 029	633	400	355	298	206	201	-6.32	-5.53
Kerosene Type Jet Fuel	135	41	28	51	54	89	94	-1.43	+6.40
Naphtha									
LPG	151	97	205	301	224	188	175	+0.60	-5.28
All other oil & petroleum products	1 600	368	131	274	195	144	184	-8.29	-3.92
Natural gas	2 127	992	906	1 099	1 100	1 400	1 461	-1.49	+2.89
Derived gases									
Solid biomass & charcoal	272	448	605	683	688	636	621	+3.36	-0.94
Liquid biofuels				3	44	63	68		+34.65
All other renewable energies				1	5	7	7		+24.82
Non-renewable wastes									
Electricity	1 033	546	533	686	716	794	803	-1.00	+1.59
Derived heat	2 078	1 193	828	905	922	839	798	-3.75	-1.25
Statistical difference		- 12	- 152	- 11	- 0	- 0	- 0		
Final non-energy consumption	866	544	662	733	662	1 007	1 116	+1.02	+4.29
Final energy consumption	9 676	4 595	3 767	4 671	4 814	4 893	4 869	-2.71	+0.41
Industry	3 327	1 019	780	1 057	950	1 034	983	-4.76	-0.73
Transport	1 993	1 039	1 057	1 433	1 546	1 740	1 832	-0.34	+2.49
<i>Road transport</i>	1 729	915	952	1 286	1 403	1 567	1 661	-0.16	+2.60
<i>Domestic & International aviation</i>	135	41	27	47	48	77	82	-1.99	+5.56
Other sectors	4 356	2 537	1 931	2 181	2 319	2 119	2 054	-2.96	-0.60
<i>Services</i>	1 714	691	463	562	603	594	577	-4.26	+0.26
<i>Residential</i>	1 844	1 642	1 368	1 509	1 599	1 407	1 365	-1.20	-1.00

Source: Eurostat (nrg_100a)

Luxembourg, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	147					113	34		
+ Primary production receipt									
+ Other sources (recovered products)	5			5					
+ Recycled products									
+ Imports	4 199	49	2 622	769		113		647	
+ Stock changes	18		18						
- Exports	192		6			21		165	
- Bunkers									
- Direct use									
Gross inland consumption	4 177	49	2 634	774		205	34	482	
Transformation input	237		1	171		45	20		
+ Conventional thermal power stations	226		1	169		36	20		
+ Nuclear power stations									
+ District heating plants	6			1		5			
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas	5					5			
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	144							88	56
+ Conventional thermal power stations	139							88	51
+ Nuclear power stations									
+ District heating plants	5								5
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns						- 26		26	
Consumption of the energy branch	47							47	
Distribution losses	19							14	5
Available for final consumption	4 018	49	2 633	603		133	14	535	51
Statistical difference	- 3		- 3	- 0				0	0
Final non-energy consumption	32		32						
Final energy consumption	3 988	49	2 604	603		133	14	535	51
+ Industry	651	48	13	280		24	14	272	0
+ Iron and Steel	281	8		137				136	
+ Chemical and Petrochemical	55		6	16				33	
+ Non-ferrous metals									
+ Non-metallic minerals	151	36	1	71		5	14	24	
+ Transport eEquipment	1			1				1	
+ Machinery	9			2				7	
+ Mining and Quarrying	3		1	0				1	
+ Food, Beverages and Tobacco	27		1	8				17	
+ Paper, Pulp and Printing	7			3				4	0
+ Wood and Wood products	23			2		19		2	
+ Construction	24	4	3	4				13	
+ Textile and Leather	35			27				7	0
+ Not elsewhere specified (Industry)	37		1	9				27	0
+ Transport	2 419		2 326			83		11	
+ Rail	16		5					11	
+ Road	1 946		1 863			83		0	
+ International aviation	458		458						
+ Domestic aviation									
+ Domestic navigation									
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	918	1	264	323		26		253	51
+ Commercial and public services	399		78	98		1		172	51
+ Residential	495	1	168	225		22		77	
+ Agriculture / Forestry	24		18			3		3	
+ Fishing									
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Luxembourg	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	29	45	64	107	118	152	147	+6.73	+3.25
Solid fossil fuels									
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies	18	35	39	72	88	119	113	+7.58	+4.68
Non-renewable wastes	11	10	25	35	31	33	34	+4.75	-0.35
Net imports	3 490	3 248	3 639	4 675	4 505	4 073	4 007	+0.55	-1.53
Solid fossil fuels	1 109	488	108	77	66	53	49	-11.74	-4.50
Crude oil & other hydrocarbons									
Petroleum products	1 613	1 772	2 369	3 141	2 852	2 686	2 616	+1.95	-1.81
Natural gas	430	557	671	1 176	1 197	843	769	+2.36	-4.16
Renewable energies			0	- 0	41	70	92		
Gross inland consumption	3 508	3 324	3 654	4 800	4 641	4 222	4 177	+0.70	-1.38
Solid fossil fuels	1 109	488	108	77	66	53	49	-11.74	-4.50
Crude oil & petroleum products	1 602	1 804	2 320	3 160	2 869	2 679	2 634	+2.01	-1.80
Gas	430	557	671	1 176	1 197	847	774	+2.38	-4.10
Nuclear heat									
Renewable energies	18	35	39	71	129	189	205	+10.16	+11.11
Non-renewable wastes	11	10	25	35	31	33	34	+4.75	-0.35
Transformation input	566	279	96	579	557	330	237	-3.42	-8.53
Conventional thermal power stations	188	135	96	576	553	320	226	+0.75	-8.92
Nuclear power stations									
District heating plants			1	2	4	5	6		+10.04
Coke-ovens									
Blast-furnaces	379	145							
Refineries									
BKB / PB plants									
Transformation output	426	179	36	349	336	200	144	-4.24	-8.47
Conventional thermal power stations	48	34	36	347	333	195	139	+4.38	-8.74
Nuclear power stations									
District heating plants			1	2	3	5	5		+9.24
Coke-ovens									
Blast-furnaces	379	145							
Refineries									
BKB / PB plants									
<i>of which: electricity</i>	48	34	23	274	262	139	88	+2.50	-10.71
<i>of which: derived heat</i>			13	75	74	60	56		-2.95
Exchanges, transfers and returns									
Consumption of the energy branch	29	31	26	30	50	40	47	+1.95	+4.71
Distribution losses	32	22	4	13	14	18	19	-2.15	+3.90
Energy available for final consumption	3 306	3 170	3 564	4 528	4 356	4 034	4 018	+0.78	-1.19
Solid fossil fuels	731	344	108	77	66	53	49	-10.26	-4.50
Gas/Diesel Oil (w/o bio)	766	925	1 313	2 167	2 032	1 915	1 840	+3.57	-1.63
Motor Gasoline (w/o bio)	426	532	596	515	361	314	293	-1.48	-5.49
Kerosene Type Jet Fuel	132	189	321	432	429	406	458	+5.11	+0.58
Naphtha									
LPG	22	15	26	13	11	9	9	-3.60	-3.97
All other oil & petroleum products	254	140	62	32	36	36	33	-7.79	+0.54
Natural gas	420	514	605	631	675	575	603	+1.46	-0.45
Derived gases	202	65							
Solid biomass & charcoal		15	15	38	46	48	45		+1.72
Liquid biofuels				1	42	72	83		
All other renewable energies			1	4	6	5	5		+4.26
Non-renewable wastes			6	17	14	15	14		-2.35
Electricity	355	429	498	529	566	532	535	+1.66	+0.12
Derived heat			12	73	71	56	51		-3.51
Statistical difference	0	10	4	25	1	- 3	- 3		
Final non-energy consumption	21	46	55	29	33	36	32	+1.66	+1.21
Final energy consumption	3 285	3 114	3 504	4 475	4 323	4 001	3 988	+0.78	-1.14
Industry	1 720	1 171	735	779	756	653	651	-3.81	-1.78
Transport	1 001	1 298	1 914	2 781	2 604	2 496	2 419	+3.59	-1.38
<i>Road transport</i>	863	1 100	1 581	2 337	2 159	2 076	1 946	+3.30	-1.82
<i>Domestic & International aviation</i>	133	189	321	432	431	406	458	+5.08	+0.58
Other sectors	564	645	855	915	963	851	918	+1.96	+0.03
<i>Services</i>	55	70	364	368	426	362	399	+8.28	+0.83
<i>Residential</i>	498	557	468	525	507	465	495	-0.03	-0.59

Source: Eurostat (nrg_100a)

Hungary, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	11 188	1 518	850	1 369	4 104	3 240	107		
+ Primary production receipt									
+ Other sources (recovered products)	94		94						
+ Recycled products									
+ Imports	17 875	1 107	9 151	5 677		202	25	1 714	
+ Stock changes	521	42	- 418	903		- 6			
- Exports	4 421	304	2 699	458		422		537	
- Bunkers									
- Direct use	57		57						
Gross inland consumption	25 200	2 363	6 920	7 491	4 104	3 014	132	1 177	
Transformation input	16 860	2 606	7 403	1 936	4 104	739	73		
+ Conventional thermal power stations	3 322	1 461	16	1 154		627	63		
+ Nuclear power stations	4 104				4 104				
+ District heating plants	783	14	6	642		111	10		
+ Coke ovens	950	950							
+ Blast furnaces	182	182							
+ Gas works									
+ Refineries	7 381		7 381						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	141			141					
Transformation output	12 214	695	7 378	379				2 519	1 243
+ Conventional thermal power stations	1 631							1 157	474
+ Nuclear power stations	1 381							1 361	19
+ District heating plants	749								749
+ Coke ovens	892	695		197					
+ Blast furnaces	182			182					
+ Gas works									
+ Refineries	7 378		7 378						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	5		5			- 90		90	
Consumption of the energy branch	947	1	309	166		13		289	169
Distribution losses	516			110				318	88
Available for final consumption	19 095	450	6 592	5 657		2 172	59	3 179	985
Statistical difference	- 136	12	1	- 234		- 2		67	19
Final non-energy consumption	1 923	14	1 466	443					
Final energy consumption	17 309	425	5 125	5 448		2 174	59	3 112	966
+ Industry	4 236	326	629	1 419		129	55	1 323	354
+ Iron and Steel	571	285	1	210		0		53	22
+ Chemical and Petrochemical	1 093		362	231		1		282	217
+ Non-ferrous metals	112		1	70				33	8
+ Non-metallic minerals	488	34	87	181		13	55	115	3
+ Transport eEquipment	210		2	68		0		134	5
+ Machinery	389	2	9	156		4		214	5
+ Mining and Quarrying	24		12	3		0		9	
+ Food, Beverages and Tobacco	589	1	13	293		57		194	31
+ Paper, Pulp and Printing	190		3	62		8		67	49
+ Wood and Wood products	61		4	4		32		22	
+ Construction	212	5	132	41		4		25	5
+ Textile and Leather	41			21		0		19	0
+ Not elsewhere specified (Industry)	255		3	79		9		157	7
+ Transport	4 354		4 047	32		175		100	
+ Rail	146		49					97	
+ Road	3 997		3 817	3		175		2	
+ International aviation	175		175						
+ Domestic aviation									
+ Domestic navigation	6		6						
+ Pipeline transport	30			29				1	
+ Not elsewhere specified (Transport)									
+ Other sectors	8 719	99	449	3 997		1 869	4	1 689	612
+ Commercial and public services	2 184	3	38	1 261		52	4	682	143
+ Residential	5 956	95	60	2 626		1 775		932	468
+ Agriculture / Forestry	575	0	349	110		42		73	0
+ Fishing	2		1	0		0		1	
+ Not elsewhere specified (Other)	1	0	1						

Source: Eurostat (nrg_100a)

Hungary	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	14 640	13 897	11 598	10 308	11 802	10 983	11 188	-1.07	+0.82
Solid fossil fuels	4 224	3 266	2 893	1 748	1 593	1 588	1 518	-4.01	-1.40
Crude oil & other hydrocarbons	2 261	2 331	1 699	1 393	1 064	823	850	-3.84	-4.82
Natural gas	3 812	3 788	2 475	2 331	2 235	1 437	1 369	-4.01	-5.18
Nuclear heat	3 542	3 618	3 672	3 585	4 078	4 055	4 104	+0.59	+1.36
Renewable energies	790	869	830	1 189	2 744	2 981	3 240	+5.81	+10.54
Non-renewable wastes	12	26	29	62	88	98	107	+9.22	+5.54
Net imports	14 129	12 547	13 956	17 421	14 995	14 123	13 454	-0.20	-2.55
Solid fossil fuels	1 656	1 364	1 087	1 299	1 143	627	803	-2.85	-4.70
Crude oil & other hydrocarbons	6 224	5 894	5 887	5 988	5 817	6 273	6 352	+0.08	+0.59
Petroleum products	148	- 450	- 596	- 208	- 172	- 608	99	-1.59	
Natural gas	5 170	5 532	7 283	9 807	7 726	6 819	5 218	+0.04	-6.11
Renewable energies	- 28				35	- 142	- 220	+8.65	
Gross inland consumption	28 847	26 183	25 298	27 611	26 599	23 815	25 200	-0.54	-0.91
Solid fossil fuels	6 231	4 623	3 850	3 031	2 730	2 218	2 363	-3.80	-2.46
Crude oil & petroleum products	8 444	7 666	6 964	7 115	6 665	6 460	6 920	-0.79	-0.28
Gas	8 913	9 175	9 657	12 094	9 815	6 982	7 491	-0.69	-4.68
Nuclear heat	3 542	3 618	3 672	3 585	4 078	4 055	4 104	+0.59	+1.36
Renewable energies	746	869	830	1 189	2 776	2 847	3 014	+5.74	+9.75
Non-renewable wastes	12	26	29	62	88	102	132	+10.14	+7.78
Transformation input	20 327	20 047	18 954	18 771	19 595	17 011	16 860	-0.75	-1.07
Conventional thermal power stations	5 334	5 809	6 009	5 645	5 229	3 280	3 322	-1.88	-5.16
Nuclear power stations	3 542	3 618	3 672	3 585	4 078	4 055	4 104	+0.59	+1.36
District heating plants	1 159	784	470	624	467	640	783	-1.56	+2.30
Coke-ovens	698	1 030	949	632	1 065	913	950	+1.24	+4.16
Blast-furnaces	270	226	182	167	200	128	182	-1.57	+0.83
Refineries	8 528	8 457	7 638	8 105	8 388	7 855	7 381	-0.58	-0.93
BKB / PB plants									
Transformation output	14 823	14 186	13 350	13 415	13 951	12 416	12 214	-0.77	-0.93
Conventional thermal power stations	2 193	2 566	3 002	2 846	2 686	1 604	1 631	-1.18	-5.41
Nuclear power stations	1 181	1 206	1 234	1 205	1 367	1 364	1 381	+0.63	+1.37
District heating plants	820	604	427	524	364	617	749	-0.36	+3.65
Coke-ovens	589	889	805	551	949	849	892	+1.68	+4.94
Blast-furnaces	270	226	182	167	200	128	182	-1.57	+0.83
Refineries	8 518	8 454	7 637	8 101	8 386	7 853	7 378	-0.57	-0.93
BKB / PB plants									
<i>of which: electricity</i>	2 430	2 911	3 011	3 056	3 151	2 440	2 519	+0.14	-1.92
<i>of which: derived heat</i>	1 764	1 465	1 652	1 519	1 266	1 146	1 243	-1.39	-1.99
Exchanges, transfers and returns	- 8	- 7	- 5	44	20	6	5		
Consumption of the energy branch	1 359	1 315	1 164	1 102	966	1 007	947	-1.43	-1.50
Distribution losses	722	841	810	833	603	515	516	-1.33	-4.67
Energy available for final consumption	21 254	18 158	17 716	20 365	19 406	17 705	19 095	-0.43	-0.64
Solid fossil fuels	2 625	1 424	641	676	530	302	450	-6.81	-3.98
Gas/Diesel Oil (w/o bio)	2 861	1 899	2 062	2 876	2 882	2 734	3 073	+0.29	+0.66
Motor Gasoline (w/o bio)	1 920	1 530	1 433	1 589	1 348	1 243	1 283	-1.60	-2.12
Kerosene Type Jet Fuel	164	190	230	261	230	171	175	+0.25	-3.92
Naphtha	415	353	601	964	929	876	943	+3.34	-0.22
LPG	365	331	367	382	386	501	571	+1.81	+4.12
All other oil & petroleum products	1 400	1 186	800	642	446	535	547	-3.69	-1.58
Natural gas	6 200	6 484	6 692	8 096	6 471	5 161	5 521	-0.46	-3.75
Derived gases	293	267	138	108	149	102	136	-3.02	+2.32
Solid biomass & charcoal	618	734	694	571	1 695	1 797	1 919	+4.64	+12.88
Liquid biofuels				2	174	176	174		+53.35
All other renewable energies	86	79	80	83	104	89	80	-0.29	-0.42
Non-renewable wastes				26	32	48	59		+8.71
Electricity	2 717	2 386	2 531	2 781	2 941	3 072	3 179	+0.63	+1.35
Derived heat	1 591	1 295	1 447	1 308	1 089	899	985	-1.90	-2.80
Statistical difference	- 411	295	- 11	- 33	22	- 315	- 136		
Final non-energy consumption	1 739	1 633	1 587	2 169	1 973	1 828	1 923	+0.40	-1.20
Final energy consumption	19 926	16 230	16 140	18 229	17 411	16 191	17 309	-0.56	-0.52
Industry	6 476	3 849	3 513	3 382	2 906	3 962	4 236	-1.68	+2.28
Transport	3 142	2 698	3 311	4 313	4 319	4 044	4 354	+1.31	+0.10
<i>Road transport</i>	2 628	2 323	2 904	3 890	3 911	3 680	3 997	+1.69	+0.27
<i>Domestic & International aviation</i>	164	182	234	264	230	171	175	+0.25	-4.03
Other sectors	10 308	9 684	9 316	10 534	10 186	8 185	8 719	-0.67	-1.87
<i>Services</i>	2 037	2 641	3 027	3 511	3 049	2 115	2 184	+0.28	-4.64
<i>Residential</i>	7 053	6 255	5 603	6 464	6 649	5 475	5 956	-0.67	-0.81

Source: Eurostat (nrg_100a)

Malta, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	15					15			
+ Primary production receipt									
+ Other sources (recovered products)	1		1						
+ Recycled products									
+ Imports	2 761		2 665			5		91	
+ Stock changes	47		47						
- Exports	531		531						
- Bunkers	1 537		1 537						
- Direct use	1		1						
Gross inland consumption	756		645			20		91	
Transformation input	264		263			1			
+ Conventional thermal power stations	264		263			1			
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	104							104	0
+ Conventional thermal power stations	104							104	0
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns						- 8		8	
Consumption of the energy branch	5							5	
Distribution losses	15							15	
Available for final consumption	575		382			11		182	0
Statistical difference	- 3		- 3			0		0	
Final non-energy consumption	5		5						
Final energy consumption	572		380			11		182	0
+ Industry	46		10			0		36	
+ Iron and Steel									
+ Chemical and Petrochemical	4							4	
+ Non-ferrous metals									
+ Non-metallic minerals	1							1	
+ Transport eEquipment	2							2	
+ Machinery	10							10	
+ Mining and Quarrying	0							0	
+ Food, Beverages and Tobacco	5							5	
+ Paper, Pulp and Printing	2							2	
+ Wood and Wood products	0							0	
+ Construction	2							2	
+ Textile and Leather	3							3	
+ Not elsewhere specified (Industry)	17		10			0		7	
+ Transport	311		307			4			
+ Rail									
+ Road	180		176			4			
+ International aviation	115		115						
+ Domestic aviation	2		2						
+ Domestic navigation	14		14						
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	215		63			6		146	0
+ Commercial and public services	126		39			1		86	0
+ Residential	78		16			5		56	
+ Agriculture / Forestry	5		4			0		1	
+ Fishing	3		3					0	
+ Not elsewhere specified (Other)	2							2	

Source: Eurostat (nrg_100a)

Malta	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production				1	4	13	15		+39.64
Solid fossil fuels									
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies				1	4	13	15		+39.64
Non-renewable wastes									
Net imports	614	837	1 458	1 630	2 365	2 050	2 230	+5.30	+3.19
Solid fossil fuels									
Crude oil & other hydrocarbons									
Petroleum products	614	837	1 458	1 630	2 364	2 046	2 134	+5.11	+2.74
Natural gas									
Renewable energies					1	5	5		
Gross inland consumption	584	755	801	972	939	886	756	+1.04	-2.48
Solid fossil fuels									
Crude oil & petroleum products	584	755	801	971	933	868	645	+0.40	-4.01
Gas									
Nuclear heat									
Renewable energies				1	5	18	20		+43.87
Non-renewable wastes									
Transformation input	322	449	493	729	578	498	264	-0.78	-9.65
Conventional thermal power stations	322	449	493	729	578	498	264	-0.78	-9.65
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries									
BKB / PB plants									
Transformation output	95	140	165	193	182	187	104	+0.39	-5.96
Conventional thermal power stations	95	140	165	193	182	187	104	+0.39	-5.96
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries									
BKB / PB plants									
of which: electricity	95	140	165	193	182	187	104	+0.38	-5.97
of which: derived heat						0	0		
Exchanges, transfers and returns									
Consumption of the energy branch	8	19	10	11	10	9	5	-1.36	-6.57
Distribution losses	9	13	20	22	15	11	15	+2.35	-3.52
Energy available for final consumption	340	414	443	402	517	555	575	+2.12	+3.63
Solid fossil fuels									
Gas/Diesel Oil (w/o bio)	82	106	78	38	126	145	149	+2.42	+14.66
Motor Gasoline (w/o bio)	70	129	76	73	75	75	78	+0.45	+0.68
Kerosene Type Jet Fuel	72	74	122	87	102	112	117	+1.97	+2.98
Naphtha									
LPG	16	20	18	20	25	23	25	+1.72	+2.48
All other oil & petroleum products	22	- 23	14	24	27	16	13	-2.23	-6.27
Natural gas									
Derived gases									
Solid biomass & charcoal					1	1	1		
Liquid biofuels					1	5	5		
All other renewable energies				1	4	5	5		+24.95
Non-renewable wastes									
Electricity	78	108	135	160	157	172	182	+3.43	+1.30
Derived heat						0	0		
Statistical difference		- 41			5	6	- 3		
Final non-energy consumption	6			20	9	4	5	-0.54	-13.01
Final energy consumption	335	455	443	382	503	545	572	+2.17	+4.12
Industry		42	43	42	44	45	46		+0.99
Transport	224	308	277	199	287	296	311	+1.33	+4.57
Road transport	152	234	154	111	168	173	180	+0.69	+4.97
Domestic & International aviation	72	74	123	88	102	112	117	+1.97	+2.86
Other sectors	111	104	122	142	172	203	215	+2.68	+4.27
Services	1	32	43	48	92	120	126	+19.78	+10.06
Residential	55	73	76	76	69	71	78	+1.39	+0.23

Source: Eurostat (nrg_100a)

Netherlands, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	47 593		2 040	39 003	1 052	4 810	688		
+ Primary production receipt	3 653		3 653						
+ Other sources (recovered products)	362		102	260					
+ Recycled products	377		377						
+ Imports	220 509	34 270	155 868	27 153		437	137	2 645	
+ Stock changes	- 5 170	- 1 357	- 3 100	- 718		5			
- Exports	173 724	21 969	111 699	36 522		1 614	28	1 893	
- Bunkers	12 311		12 311						
- Direct use	3 731		3 731						
Gross inland consumption	77 557	10 943	31 198	29 176	1 052	3 639	797	752	
Transformation input	85 866	10 851	62 218	8 910	1 052	1 662	761		413
+ Conventional thermal power stations	19 770	7 942	354	8 720		1 581	761		413
+ Nuclear power stations	1 052				1 052				
+ District heating plants	540		329	190		21			
+ Coke ovens	2 032	2 032							
+ Blast furnaces	877	877							
+ Gas works									
+ Refineries	61 335		61 335						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas	260		200			60			
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	76 089	1 459	61 323	1 269				8 711	3 327
+ Conventional thermal power stations	11 234							8 360	2 874
+ Nuclear power stations	351							351	
+ District heating plants	452								452
+ Coke ovens	1 852	1 459		392					
+ Blast furnaces	877			877					
+ Gas works									
+ Refineries	61 323		61 323						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	2 539		2 539			- 754		754	
Consumption of the energy branch	5 164		2 268	1 670				854	372
Distribution losses	568			29				453	86
Available for final consumption	64 586	1 550	30 574	19 835		1 224	36	8 910	2 456
Statistical difference	3 117	12	2 487	588		- 7		44	- 7
Final non-energy consumption	12 963	7	10 883	2 073					
Final energy consumption	48 505	1 532	17 204	17 174		1 230	36	8 866	2 463
+ Industry	14 266	1 530	2 566	5 131		162		2 945	1 933
+ Iron and Steel	2 405	1 458	4	717				226	0
+ Chemical and Petrochemical	6 564		2 137	1 671				1 076	1 681
+ Non-ferrous metals	241			63				175	2
+ Non-metallic minerals	561	35	10	417				100	0
+ Transport eEquipment	105		11	46				48	0
+ Machinery	488		4	240				242	1
+ Mining and Quarrying	127	7	8	47				22	43
+ Food, Beverages and Tobacco	2 072	23	5	1 330		15		554	145
+ Paper, Pulp and Printing	560			292		4		208	56
+ Wood and Wood products	54			11		23		20	
+ Construction	568	1	382	96		14		74	
+ Textile and Leather	89			56				31	1
+ Not elsewhere specified (Industry)	430	7	4	144		105		168	2
+ Transport	14 273		13 788	36		297		151	
+ Rail	167		32			1		135	
+ Road	9 889		9 540	36		297		16	
+ International aviation	3 827		3 827						
+ Domestic aviation	10		10						
+ Domestic navigation	379		379						
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	19 966	1	850	12 006		771	36	5 771	530
+ Commercial and public services	6 553	1	158	3 020		108	36	3 074	157
+ Residential	9 557	0	37	6 814		467		1 950	288
+ Agriculture / Forestry	3 578		403	2 169		184		738	85
+ Fishing	183		183						
+ Not elsewhere specified (Other)	94		69	4		13		9	

Source: Eurostat (nrg_100a)

Netherlands	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	60 538	66 840	57 862	62 499	69 852	58 496	47 593	-0.96	-2.69
Solid fossil fuels									
Crude oil & other hydrocarbons	4 117	3 704	2 630	2 514	1 608	2 064	2 040	-2.77	-2.07
Natural gas	54 533	60 869	52 188	56 265	63 432	50 144	39 003	-1.33	-3.60
Nuclear heat	903	1 036	1 013	1 031	1 024	1 055	1 052	+0.61	+0.20
Renewable energies	755	915	1 452	1 970	3 064	4 555	4 810	+7.69	+9.34
Non-renewable wastes	230	315	579	718	725	677	688	+4.48	-0.43
Net imports	19 092	17 319	34 665	37 577	29 905	29 595	46 785	+3.65	+2.22
Solid fossil fuels	9 292	8 737	7 924	8 219	9 177	9 812	12 300	+1.13	+4.11
Crude oil & other hydrocarbons	48 109	59 305	60 221	61 411	59 548	54 477	59 984	+0.89	-0.23
Petroleum products	- 15 304	- 25 335	- 17 818	- 12 980	- 14 973	- 13 687	- 15 814	+0.13	+1.99
Natural gas	- 23 800	- 26 370	- 17 191	- 20 941	- 24 211	- 21 230	- 9 369	-3.66	-7.73
Renewable energies	3	3	- 99	295	125	- 1 186	- 1 177		
Gross inland consumption	68 596	75 521	78 020	84 106	85 783	76 359	77 557	+0.49	-0.81
Solid fossil fuels	8 761	8 928	7 771	8 094	7 541	9 011	10 943	+0.89	+3.06
Crude oil & petroleum products	26 421	28 835	30 671	35 091	33 758	31 750	31 198	+0.67	-1.17
Gas	30 731	34 508	35 007	35 335	39 309	29 058	29 176	-0.21	-1.90
Nuclear heat	903	1 036	1 013	1 031	1 024	1 055	1 052	+0.61	+0.20
Renewable energies	758	918	1 353	2 265	3 189	3 400	3 639	+6.48	+4.86
Non-renewable wastes	230	315	579	718	725	819	797	+5.09	+1.05
Transformation input	68 342	82 750	83 041	85 406	85 838	81 775	85 866	+0.92	+0.05
Conventional thermal power stations	13 974	16 708	17 966	19 779	21 915	19 135	19 770	+1.40	-0.00
Nuclear power stations	903	1 036	1 013	1 031	1 024	1 055	1 052	+0.61	+0.20
District heating plants	274	964	1 421	1 412	735	671	540	+2.76	-9.16
Coke-ovens	2 639	2 767	2 058	2 162	2 008	1 991	2 032	-1.04	-0.62
Blast-furnaces	613	775	730	901	857	864	877	+1.44	-0.27
Refineries	49 929	60 483	59 831	60 102	59 189	57 838	61 335	+0.83	+0.20
BKB / PB plants									
Transformation output	60 417	73 973	74 234	75 682	75 609	72 358	76 089	+0.93	+0.05
Conventional thermal power stations	6 778	8 958	10 283	11 149	12 771	10 983	11 234	+2.04	+0.08
Nuclear power stations	301	345	338	344	341	352	351	+0.61	+0.20
District heating plants	244	747	1 119	1 174	604	497	452	+2.51	-9.09
Coke-ovens	2 563	2 677	1 948	2 031	1 871	1 841	1 852	-1.29	-0.92
Blast-furnaces	613	775	730	901	857	864	877	+1.44	-0.27
Refineries	49 915	60 466	59 812	60 079	59 160	57 822	61 323	+0.83	+0.21
BKB / PB plants									
<i>of which: electricity</i>	6 176	6 944	7 623	8 403	9 898	8 317	8 711	+1.39	+0.36
<i>of which: derived heat</i>	1 147	3 106	4 117	4 263	3 819	3 515	3 327	+4.35	-2.45
Exchanges, transfers and returns	2 117	2 675	3 668	3 424	2 626	2 216	2 539		
Consumption of the energy branch	4 211	4 609	4 523	4 901	4 865	5 011	5 164	+0.82	+0.53
Distribution losses	374	491	563	626	626	540	568	+1.68	-0.96
Energy available for final consumption	58 202	64 318	67 795	72 280	72 689	63 606	64 586	+0.42	-1.12
Solid fossil fuels	1 945	1 680	1 521	1 688	1 479	1 558	1 550	-0.90	-0.85
Gas/Diesel Oil (w/o bio)	6 496	6 488	7 381	7 836	7 828	6 852	7 078	+0.34	-1.01
Motor Gasoline (w/o bio)	3 612	4 204	4 234	4 314	4 162	3 800	3 860	+0.27	-1.11
Kerosene Type Jet Fuel	1 628	2 629	3 386	3 715	3 463	3 662	3 864	+3.52	+0.39
Naphtha	3 013	3 421	3 832	5 630	6 541	4 114	4 216	+1.35	-2.85
LPG	2 114	1 662	1 434	1 926	1 767	4 090	3 897	+2.48	+7.30
All other oil & petroleum products	8 380	8 787	10 248	11 267	10 070	8 255	7 659	-0.36	-3.79
Natural gas	22 795	24 588	22 837	21 949	23 755	18 112	19 380	-0.65	-1.24
Derived gases	475	551	398	487	459	437	455	-0.17	-0.66
Solid biomass & charcoal	357	376	398	473	526	626	660	+2.49	+3.38
Liquid biofuels				10	181	333	314		+40.77
All other renewable energies	51	71	100	113	187	230	250	+6.53	+8.31
Non-renewable wastes	7	8	32	46	58	41	36	+6.79	-2.54
Electricity	6 226	7 035	8 296	8 978	9 236	8 854	8 910	+1.44	-0.08
Derived heat	1 104	2 819	3 699	3 849	2 979	2 641	2 456	+3.25	-4.39
Statistical difference	1 765	2 268	3 472	2 885	2 215	2 157	3 117		
Final non-energy consumption	10 940	11 065	11 985	15 216	15 338	14 128	12 963	+0.68	-1.59
Final energy consumption	45 497	50 985	52 338	54 179	55 136	47 322	48 505	+0.26	-1.10
Industry	14 957	16 081	16 507	17 018	15 433	14 319	14 266	-0.19	-1.75
Transport	10 745	12 600	14 158	15 237	15 102	13 906	14 273	+1.14	-0.65
Road transport	8 777	9 641	10 419	11 134	11 137	9 802	9 889	+0.48	-1.18
Domestic & International aviation	1 567	2 567	3 321	3 661	3 423	3 627	3 837	+3.65	+0.47
Other sectors	19 796	22 305	21 672	21 923	24 602	19 096	19 966	+0.03	-0.93
Services	5 128	5 772	6 241	6 932	7 803	6 326	6 553	+0.99	-0.56
Residential	10 403	11 790	10 831	10 743	12 459	9 122	9 557	-0.34	-1.16

Source: Eurostat (nrg_100a)

Austria, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	11 932	0	866	1 037		9 303	725		
+ Primary production receipt									
+ Other sources (recovered products)									
+ Recycled products									
+ Imports	29 473	2 755	13 814	9 431		948		2 525	
+ Stock changes	1 121	469	- 142	851		- 58			
- Exports	9 259	49	2 566	4 442		542		1 660	
- Bunkers	17		17						
- Direct use									
Gross inland consumption	33 250	3 176	11 955	6 877		9 651	725	865	
Transformation input	16 759	2 655	9 243	2 300		2 138	421		3
+ Conventional thermal power stations	4 593	625	50	2 012		1 518	386		3
+ Nuclear power stations									
+ District heating plants	969		29	288		617	35		
+ Coke ovens	1 227	1 227							
+ Blast furnaces	803	803							
+ Gas works									
+ Refineries	9 164		9 164						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	3					3			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	14 777	958	9 161	1 025		1		1 628	2 004
+ Conventional thermal power stations	2 818							1 628	1 190
+ Nuclear power stations									
+ District heating plants	814								814
+ Coke ovens	1 180	958		222					
+ Blast furnaces	803			803					
+ Gas works									
+ Refineries	9 161		9 161						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	1					1			
Exchanges, transfers and returns	13		13			- 3 683		3 683	
Consumption of the energy branch	1 500		462	377				660	
Distribution losses	485			26				286	173
Available for final consumption	29 295	1 479	11 424	5 199		3 831	304	5 229	1 828
Statistical difference	7	8	- 1			- 0			
Final non-energy consumption	1 918	15	1 582	321					
Final energy consumption	27 370	1 456	9 843	4 879		3 831	304	5 229	1 828
+ Industry	9 117	1 428	580	3 033		1 132	304	2 341	299
+ Iron and Steel	2 510	1 267	19	952		1	45	220	8
+ Chemical and Petrochemical	1 001	18	22	424		58	43	377	58
+ Non-ferrous metals	209	3	4	107		1	4	82	8
+ Non-metallic minerals	876	69	70	297		108	172	159	1
+ Transport eEquipment	126		3	38		1		66	18
+ Machinery	604		33	189		22	0	324	36
+ Mining and Quarrying	155		10	47		1		97	0
+ Food, Beverages and Tobacco	647	5	49	296		16		214	67
+ Paper, Pulp and Printing	1 625	67	9	510		603	4	416	18
+ Wood and Wood products	566		9	53		253	36	151	63
+ Construction	479		338	38		42	0	53	9
+ Textile and Leather	80		5	36		1		37	1
+ Not elsewhere specified (Industry)	240		10	47		27	0	145	12
+ Transport	9 000		7 819	268		646		267	
+ Rail	217		41			3		174	
+ Road	7 705		7 043	17		643		1	
+ International aviation	700		700						
+ Domestic aviation	32		32						
+ Domestic navigation	3		3						
+ Pipeline transport	270			251				19	
+ Not elsewhere specified (Transport)	74					0		73	
+ Other sectors	9 252	28	1 444	1 577		2 053	1	2 620	1 529
+ Commercial and public services	2 725	3	263	467		125	1	1 065	801
+ Residential	5 978	25	959	1 098		1 719		1 459	718
+ Agriculture / Forestry	549	0	222	12		208		96	10
+ Fishing									
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Austria	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	8 093	8 761	9 768	9 773	11 811	11 966	11 932	+1.57	+2.02
Solid fossil fuels	638	339	293	0	0	0	0		0
Crude oil & other hydrocarbons	1 164	1 074	1 068	971	1 001	970	866	-1.18	-1.14
Natural gas	1 108	1 274	1 548	1 331	1 397	1 085	1 037	-0.26	-2.46
Nuclear heat									
Renewable energies	4 990	5 849	6 608	7 079	8 708	9 217	9 303	+2.52	+2.77
Non-renewable wastes	193	225	251	392	704	693	725	+5.44	+6.35
Net imports	17 171	18 019	19 010	24 520	21 571	21 480	20 214	+0.65	-1.91
Solid fossil fuels	3 178	2 635	3 019	3 970	3 365	3 061	2 706	-0.64	-3.76
Crude oil & other hydrocarbons	7 745	8 135	7 783	8 115	7 022	7 693	8 037	+0.15	-0.10
Petroleum products	1 739	1 966	3 054	5 094	4 475	3 219	3 211	+2.48	-4.51
Natural gas	4 488	5 459	5 306	7 153	6 115	6 236	4 989	+0.42	-3.54
Renewable energies	61	37	- 34	- 41	394	474	406	+7.90	
Gross inland consumption	25 033	27 111	29 023	34 128	34 292	32 468	33 250	+1.14	-0.26
Solid fossil fuels	4 101	3 480	3 597	3 997	3 384	3 034	3 176	-1.02	-2.27
Crude oil & petroleum products	10 484	11 288	12 134	14 397	12 772	11 895	11 955	+0.53	-1.84
Gas	5 256	6 439	6 585	8 086	8 123	6 445	6 877	+1.08	-1.61
Nuclear heat									
Renewable energies	5 038	5 891	6 574	7 027	9 108	9 603	9 651	+2.63	+3.22
Non-renewable wastes	193	225	251	392	704	693	725	+5.44	+6.35
Transformation input	15 409	15 901	15 204	17 415	16 738	15 990	16 759	+0.34	-0.38
Conventional thermal power stations	4 047	4 437	3 876	5 439	5 719	4 028	4 593	+0.51	-1.68
Nuclear power stations									
District heating plants	339	438	560	614	892	978	969	+4.29	+4.66
Coke-ovens	1 623	1 325	1 303	1 319	1 281	1 228	1 227	-1.11	-0.72
Blast-furnaces	408	466	606	757	791	832	803	+2.74	+0.60
Refineries	8 970	9 235	8 856	9 285	8 053	8 921	9 164	+0.09	-0.13
BKB / PB plants									
Transformation output	13 097	13 446	13 360	14 907	14 406	14 209	14 777	+0.48	-0.09
Conventional thermal power stations	1 941	2 107	2 233	3 171	3 637	2 452	2 818	+1.50	-1.18
Nuclear power stations									
District heating plants	268	387	456	474	725	830	814	+4.54	+5.56
Coke-ovens	1 517	1 255	1 212	1 220	1 202	1 175	1 180	-1.00	-0.33
Blast-furnaces	408	466	606	757	791	832	803	+2.74	+0.60
Refineries	8 964	9 230	8 853	9 285	8 049	8 920	9 161	+0.09	-0.13
BKB / PB plants									
<i>of which: electricity</i>	1 529	1 557	1 545	2 239	2 358	1 374	1 628	+0.25	-3.14
<i>of which: derived heat</i>	679	937	1 144	1 406	2 004	1 908	2 004	+4.42	+3.61
Exchanges, transfers and returns	0	1	0	3	- 1	1	13		
Consumption of the energy branch	1 467	1 531	1 335	1 574	1 427	1 455	1 500	+0.09	-0.48
Distribution losses	326	381	396	481	483	468	485	+1.60	+0.09
Energy available for final consumption	20 929	22 744	25 447	29 568	30 049	28 764	29 295	+1.35	-0.09
Solid fossil fuels	1 792	1 590	1 458	1 402	1 270	1 312	1 479	-0.76	+0.54
Gas/Diesel Oil (w/o bio)	3 382	4 604	6 091	8 303	7 381	7 064	7 246	+3.09	-1.35
Motor Gasoline (w/o bio)	2 535	2 429	2 016	2 109	1 700	1 530	1 546	-1.96	-3.06
Kerosene Type Jet Fuel	311	462	588	675	705	678	729	+3.46	+0.77
Naphtha	482	557	646	613	853	1 079	1 047	+3.15	+5.50
LPG	136	181	166	188	176	111	101	-1.17	-5.99
All other oil & petroleum products	2 294	1 712	1 658	1 559	1 171	874	755	-4.35	-6.99
Natural gas	3 064	3 702	4 313	4 974	5 164	4 679	4 707	+1.73	-0.55
Derived gases	441	336	504	532	537	531	492	+0.44	-0.76
Solid biomass & charcoal	2 080	2 133	2 311	2 598	2 988	2 799	2 912	+1.35	+1.15
Liquid biofuels	6	11	17	55	532	624	682	+20.64	+28.75
All other renewable energies	18	40	79	116	187	235	236	+10.74	+7.37
Non-renewable wastes	96	121	147	223	357	291	304	+4.71	+3.15
Electricity	3 677	4 017	4 432	4 937	5 186	5 217	5 229	+1.42	+0.58
Derived heat	612	848	1 020	1 284	1 842	1 741	1 828	+4.47	+3.60
Statistical difference	- 3	- 2	36	18	38	2	7		
Final non-energy consumption	1 621	1 378	1 721	1 713	1 838	2 020	1 918	+0.67	+1.13
Final energy consumption	19 311	21 368	23 689	27 837	28 172	26 742	27 370	+1.40	-0.17
Industry	6 182	6 409	7 299	8 740	9 238	9 066	9 117	+1.57	+0.42
Transport	4 982	5 829	6 975	9 036	8 762	8 722	9 000	+2.39	-0.04
<i>Road transport</i>	4 272	4 940	5 893	7 846	7 506	7 516	7 705	+2.39	-0.18
<i>Domestic & International aviation</i>	314	464	590	679	707	680	732	+3.44	+0.75
Other sectors	8 146	9 130	9 415	10 060	10 172	8 954	9 252	+0.51	-0.83
<i>Services</i>	1 690	2 269	2 549	3 325	3 335	2 801	2 725	+1.93	-1.97
<i>Residential</i>	5 874	6 322	6 340	6 192	6 329	5 624	5 978	+0.07	-0.35

Source: Eurostat (nrg_100a)

Poland, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	67 347	53 590	915	3 683		8 635	523		
+ Primary production receipt									
+ Other sources (recovered products)	924	277	647	0					
+ Recycled products	54		54						
+ Imports	48 930	5 065	31 740	9 992		890		1 243	
+ Stock changes	- 716	- 5	- 847	146		- 10			
- Exports	20 909	10 671	8 393	45		528		1 272	
- Bunkers	187		187						
- Direct use	10		10						
Gross inland consumption	95 434	48 256	23 921	13 776		8 987	523	- 29	
Transformation input	77 647	44 454	27 609	3 080		2 437	37		29
+ Conventional thermal power stations	36 723	31 912	126	2 224		2 401	32		29
+ Nuclear power stations									
+ District heating plants	2 660	2 384	16	218		36	5		
+ Coke ovens	9 206	9 204	2						
+ Blast furnaces	795	795							
+ Gas works									
+ Refineries	27 466		27 466						
+ Patent fuel plants	3	3							
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	794	157		638					
Transformation output	56 714	7 008	27 452	2 499				13 035	6 721
+ Conventional thermal power stations	17 492							13 035	4 457
+ Nuclear power stations									
+ District heating plants	2 264								2 264
+ Coke ovens	8 710	7 006		1 704					
+ Blast furnaces	795			795					
+ Gas works									
+ Refineries	27 452		27 452						
+ Patent fuel plants	2	2							
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	27		27			- 1 096		1 096	
Consumption of the energy branch	6 472	92	1 341	2 208			0	2 206	625
Distribution losses	1 537			27				906	604
Available for final consumption	66 520	10 718	22 449	10 960		5 454	486	10 990	5 462
Statistical difference	- 1 165	- 1 064	35	- 136		0		- 0	
Final non-energy consumption	5 433	93	3 220	2 120					
Final energy consumption	62 251	11 688	19 193	8 976		5 454	486	10 990	5 462
+ Industry	15 047	3 905	618	3 717		1 410	482	4 255	661
+ Iron and Steel	2 662	1 235	5	794		0		536	92
+ Chemical and Petrochemical	2 550	1 093	251	370		2	22	719	93
+ Non-ferrous metals	433	7	6	205				182	32
+ Non-metallic minerals	2 580	579	47	1 012		56	456	403	28
+ Transport eEquipment	386	13	15	92		0		220	46
+ Machinery	753	53	45	206		2	0	391	57
+ Mining and Quarrying	393	14	66	22		1		225	65
+ Food, Beverages and Tobacco	1 857	541	68	621		35		537	55
+ Paper, Pulp and Printing	1 568	261	44	171		649	3	365	76
+ Wood and Wood products	884	34	13	45		550		179	63
+ Construction	157	15	34	26		0		71	10
+ Textile and Leather	116	10	5	36		0		49	15
+ Not elsewhere specified (Industry)	708	49	20	116		116	1	378	28
+ Transport	17 241		15 835	359		780		267	
+ Rail	325		84					241	
+ Road	15 878		15 080	16		780		2	
+ International aviation	649		649						
+ Domestic aviation	19		19						
+ Domestic navigation	2		2						
+ Pipeline transport	369		1	343				25	
+ Not elsewhere specified (Transport)									
+ Other sectors	29 962	7 783	2 740	4 900		3 263	5	6 469	4 801
+ Commercial and public services	7 814	648	416	1 715		223	5	3 907	899
+ Residential	18 843	6 215	583	3 158		2 574		2 432	3 881
+ Agriculture / Forestry	3 306	921	1 741	27		466		129	21
+ Fishing	0							0	
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Poland	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	103 739	98 820	78 606	77 896	66 742	66 885	67 347	-1.71	-1.44
Solid fossil fuels	98 835	90 549	70 690	68 420	55 077	53 639	53 590	-2.42	-2.41
Crude oil & other hydrocarbons	175	339	690	886	727	932	915	+6.85	+0.32
Natural gas	2 378	3 169	3 313	3 884	3 693	3 726	3 683	+1.77	-0.53
Nuclear heat									
Renewable energies	1 580	3 924	3 808	4 549	6 847	8 072	8 635	+7.03	+6.62
Non-renewable wastes	772	839	104	156	398	515	523	-1.54	+12.87
Net imports	805	- 1 159	8 773	15 938	31 534	27 045	28 021	+15.26	+5.80
Solid fossil fuels	- 20 183	- 21 247	- 16 353	- 13 039	- 2 814	- 4 293	- 5 606	-5.00	-8.09
Crude oil & other hydrocarbons	12 908	13 064	17 616	17 900	22 941	22 976	25 979	+2.84	+3.80
Petroleum products	1 397	1 455	1 451	3 572	2 222	- 2 010	- 2 633		
Natural gas	6 773	5 810	6 607	8 531	8 874	9 647	9 947	+1.55	+1.55
Renewable energies				- 65	427	538	362		
Gross inland consumption	103 314	98 828	88 648	92 223	100 680	94 326	95 434	-0.32	+0.34
Solid fossil fuels	78 812	70 309	56 291	54 612	54 608	49 238	48 256	-1.94	-1.23
Crude oil & petroleum products	13 259	14 996	19 036	21 693	25 714	22 373	23 921	+2.39	+0.98
Gas	8 981	9 001	9 964	12 237	12 807	13 405	13 776	+1.73	+1.19
Nuclear heat									
Renewable energies	1 580	3 924	3 802	4 487	7 269	8 609	8 987	+7.20	+7.19
Non-renewable wastes	772	839	103	156	398	515	523	-1.54	+12.84
Transformation input	82 917	68 921	69 514	69 858	75 968	74 659	77 647	-0.26	+1.06
Conventional thermal power stations	44 416	36 895	36 215	38 381	37 789	36 176	36 723	-0.76	-0.44
Nuclear power stations									
District heating plants	10 667	6 012	4 179	3 446	3 699	2 820	2 660	-5.40	-2.56
Coke-ovens	12 814	10 846	8 810	7 994	9 195	9 024	9 206	-1.31	+1.42
Blast-furnaces	1 504	1 088	996	721	675	770	795	-2.52	+0.98
Refineries	12 980	13 971	18 969	18 972	24 159	25 165	27 466	+3.04	+3.77
BKB / PB plants	54	45	10						
Transformation output	55 485	46 701	47 970	48 415	54 787	53 837	56 714	+0.09	+1.59
Conventional thermal power stations	21 566	16 982	16 829	18 409	18 030	16 991	17 492	-0.83	-0.51
Nuclear power stations									
District heating plants	7 534	4 690	3 437	2 780	3 105	2 403	2 264	-4.70	-2.04
Coke-ovens	11 513	9 906	7 752	7 549	8 838	8 525	8 710	-1.11	+1.44
Blast-furnaces	1 504	1 088	996	721	675	770	795	-2.52	+0.98
Refineries	12 971	13 939	18 945	18 956	24 140	25 146	27 452	+3.04	+3.77
BKB / PB plants	58	48	10						
<i>of which: electricity</i>	11 436	11 621	12 129	13 158	13 113	12 781	13 035	+0.52	-0.09
<i>of which: derived heat</i>	17 664	10 051	8 137	8 032	8 021	6 613	6 721	-3.79	-1.77
Exchanges, transfers and returns	- 28	19	- 3	- 19	- 8	17	27		
Consumption of the energy branch	6 753	7 516	6 943	5 957	6 469	5 903	6 472	-0.17	+0.83
Distribution losses	1 154	1 857	1 588	2 095	1 931	1 424	1 537	+1.15	-3.05
Energy available for final consumption	67 946	67 254	58 569	62 708	71 091	66 193	66 520	-0.08	+0.59
Solid fossil fuels	21 426	23 148	12 789	12 201	14 021	11 841	10 718	-2.73	-1.29
Gas/Diesel Oil (w/o bio)	5 024	5 158	7 346	9 493	12 700	11 411	12 175	+3.60	+2.52
Motor Gasoline (w/o bio)	3 302	4 689	5 363	4 241	4 252	3 552	3 658	+0.41	-1.47
Kerosene Type Jet Fuel	221	269	276	320	509	607	663	+4.50	+7.55
Naphtha	821	696	794	725	992	919	1 053	+1.00	+3.80
LPG	59	583	1 194	2 598	2 606	2 527	2 547	+16.23	-0.20
All other oil & petroleum products	1 669	1 779	2 476	2 724	2 713	2 275	2 353	+1.38	-1.45
Natural gas	7 785	8 226	8 158	9 926	10 384	10 441	10 473	+1.19	+0.54
Derived gases	2 171	1 755	1 251	819	537	596	487	-5.80	-5.06
Solid biomass & charcoal	1 100	3 717	3 504	3 755	4 303	4 438	4 489	+5.79	+1.80
Liquid biofuels				54	868	706	781		+30.71
All other renewable energies	9	10	21	52	75	162	185	+12.82	+13.48
Non-renewable wastes	521	696	76	136	378	495	486	-0.28	+13.56
Electricity	8 275	7 712	8 433	9 029	10 206	10 778	10 990	+1.14	+1.99
Derived heat	15 563	8 817	6 886	6 634	6 547	5 447	5 462	-4.10	-1.93
Statistical difference	3 780	602	- 999	- 335	- 196	- 565	- 1 165		
Final non-energy consumption	4 218	3 712	4 357	4 573	4 961	5 159	5 433	+1.02	+1.74
Final energy consumption	59 948	62 940	55 210	58 471	66 326	61 599	62 251	+0.15	+0.63
Industry	25 363	23 026	18 454	15 317	14 099	15 034	15 047	-2.07	-0.18
Transport	7 444	8 297	9 919	12 539	17 696	16 370	17 241	+3.42	+3.24
<i>Road transport</i>	6 069	7 321	9 007	11 471	16 558	15 044	15 878	+3.92	+3.30
<i>Domestic & International aviation</i>	229	276	277	323	513	611	668	+4.37	+7.55
Other sectors	27 141	31 616	26 838	30 614	34 531	30 196	29 962	+0.40	-0.22
<i>Services</i>	4 979	4 156	4 965	6 728	8 832	7 794	7 814	+1.82	+1.51
<i>Residential</i>	17 841	22 665	17 193	19 454	21 967	18 967	18 843	+0.22	-0.32

Source: Eurostat (nrg_100a)

Portugal, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	5 304					5 182	122		
+ Primary production receipt									
+ Other sources (recovered products)	201		201						
+ Recycled products									
+ Imports	26 069	3 208	17 924	4 065		144	34	694	
+ Stock changes	- 166		- 165	9		- 10			
- Exports	7 769		6 919			351		500	
- Bunkers	642		642						
- Direct use									
Gross inland consumption	22 997	3 208	10 399	4 074		4 966	155	195	
Transformation input	22 355	3 246	15 694	2 335		979	99		2
+ Conventional thermal power stations	6 654	3 246	250	2 092		965	99		2
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	15 444		15 444						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	13					13			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	244			244					
Transformation output	18 517		15 444			6		2 598	468
+ Conventional thermal power stations	3 067							2 598	468
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	15 444		15 444						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	6					6			
Exchanges, transfers and returns	- 8		- 8			- 1 811		1 811	
Consumption of the energy branch	1 434		842	125				244	223
Distribution losses	429			8				421	
Available for final consumption	17 288	- 38	9 300	1 606		2 181	56	3 939	244
Statistical difference	- 85	- 50	5	- 37		- 3		0	
Final non-energy consumption	1 335		1 335						
Final energy consumption	16 038	12	7 959	1 643		2 185	56	3 939	244
+ Industry	4 450	12	726	1 137		970	56	1 331	218
+ Iron and Steel	177	3	3	51				120	
+ Chemical and Petrochemical	380	5	8	153		1	1	182	30
+ Non-ferrous metals	29		2	16				11	
+ Non-metallic minerals	1 124	4	381	442		66	55	168	8
+ Transport eEquipment	54		5	17				32	
+ Machinery	170		18	36		0	0	114	1
+ Mining and Quarrying	100		33	5		3		54	6
+ Food, Beverages and Tobacco	447		85	147		26		159	30
+ Paper, Pulp and Printing	1 351		63	112		822	0	262	93
+ Wood and Wood products	107		7	8		43		44	4
+ Construction	149		102	14		5		27	
+ Textile and Leather	300		14	132		3		114	36
+ Not elsewhere specified (Industry)	62		3	6		0		43	10
+ Transport	6 613		6 245	13		328		26	
+ Rail	36		10					26	
+ Road	5 305		4 967	13		325		0	
+ International aviation	1 047		1 047						
+ Domestic aviation	125		125						
+ Domestic navigation	99		96			3			
+ Pipeline transport	1							1	
+ Not elsewhere specified (Transport)									
+ Other sectors	4 974		988	492		887		2 582	25
+ Commercial and public services	1 960		164	225		68		1 478	24
+ Residential	2 539		434	263		812		1 030	1
+ Agriculture / Forestry	345		267	4		4		70	
+ Fishing	96		89	1		2		4	
+ Not elsewhere specified (Other)	35		34			1			

Source: Eurostat (nrg_100a)

Portugal	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	3 393	3 318	3 846	3 615	5 800	5 981	5 304	+1.80	+3.91
Solid fossil fuels	115								
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies	3 277	3 318	3 759	3 475	5 642	5 835	5 182	+1.85	+4.08
Non-renewable wastes			87	140	159	146	122		-1.41
Net imports	15 834	18 025	22 072	24 845	18 588	16 145	18 300	+0.58	-3.01
Solid fossil fuels	2 990	3 811	3 914	3 225	1 629	2 597	3 208	+0.28	-0.05
Crude oil & other hydrocarbons	11 852	13 628	12 316	13 795	11 875	12 128	15 235	+1.01	+1.00
Petroleum products	988	507	3 723	3 346	561	- 1 836	- 4 230		
Natural gas			2 039	3 893	4 505	3 475	4 065		+0.43
Renewable energies					- 208	- 320	- 207		
Gross inland consumption	18 209	20 635	25 285	27 475	24 282	22 085	22 997	+0.94	-1.76
Solid fossil fuels	2 757	3 601	3 805	3 349	1 658	2 680	3 208	+0.61	-0.43
Crude oil & petroleum products	12 110	13 572	15 475	16 174	12 293	10 171	10 399	-0.61	-4.32
Gas	62	66	2 078	3 751	4 489	3 473	4 074	+18.25	+0.83
Nuclear heat									
Renewable energies	3 277	3 318	3 759	3 475	5 459	5 513	4 966	+1.68	+3.64
Non-renewable wastes			87	140	159	170	155		+1.03
Transformation input	16 274	19 526	19 523	21 867	17 941	18 672	22 355	+1.28	+0.22
Conventional thermal power stations	4 303	5 420	6 520	7 913	5 788	5 488	6 654	+1.76	-1.72
Nuclear power stations									
District heating plants									
Coke-ovens	219	318	345						
Blast-furnaces	39	47	46						
Refineries	11 638	13 658	12 555	13 953	12 153	12 933	15 444	+1.14	+1.02
BKB / PB plants									
Transformation output	13 561	16 151	15 791	17 691	15 060	15 484	18 517	+1.25	+0.46
Conventional thermal power stations	1 679	2 168	2 876	3 739	2 925	2 545	3 067	+2.44	-1.96
Nuclear power stations									
District heating plants									
Coke-ovens	195	281	316						
Blast-furnaces	39	47	46						
Refineries	11 649	13 655	12 553	13 952	12 136	12 933	15 444	+1.13	+1.02
BKB / PB plants									
<i>of which: electricity</i>	1 651	2 132	2 741	3 412	2 420	2 034	2 598	+1.83	-2.69
<i>of which: derived heat</i>	28	36	134	328	504	512	468	+11.87	+3.64
Exchanges, transfers and returns	- 2	- 1	10	15	0	0	- 8		
Consumption of the energy branch	657	1 045	1 028	1 235	1 195	1 269	1 434	+3.17	+1.50
Distribution losses	314	299	319	387	396	452	429	+1.26	+1.03
Energy available for final consumption	14 525	15 915	20 215	21 692	19 810	17 176	17 288	+0.70	-2.24
Solid fossil fuels	629	544	469	30	60	14	- 38		
Gas/Diesel Oil (w/o bio)	2 503	3 150	4 825	5 652	5 194	4 406	4 514	+2.39	-2.22
Motor Gasoline (w/o bio)	1 477	2 033	2 188	1 925	1 462	1 133	1 092	-1.20	-5.51
Kerosene Type Jet Fuel	621	651	826	914	1 042	1 156	1 201	+2.67	+2.77
Naphtha	1 423	1 254	1 437	1 467	1 232	758	694	-2.83	-7.22
LPG	850	1 128	1 104	977	783	1 066	927	+0.35	-0.53
All other oil & petroleum products	2 545	2 114	2 614	2 509	1 264	729	872	-4.19	-10.03
Natural gas			802	1 345	1 565	1 539	1 606		+1.79
Derived gases	86	112	82						
Solid biomass & charcoal	2 327	2 400	2 414	2 505	2 151	1 771	1 749	-1.14	-3.53
Liquid biofuels				0	326	275	342		
All other renewable energies	11	16	19	23	49	87	90	+8.79	+14.38
Non-renewable wastes				34	55	86	56		+5.12
Electricity	2 024	2 477	3 299	3 983	4 290	3 886	3 939	+2.70	-0.11
Derived heat	28	36	134	328	338	270	244	+8.98	-2.91
Statistical difference	520	- 18	- 96	97	- 16	- 31	- 85		
Final non-energy consumption	2 109	2 081	2 392	2 587	1 728	1 437	1 335	-1.81	-6.40
Final energy consumption	11 897	13 852	17 919	19 009	18 099	15 770	16 038	+1.20	-1.69
Industry	4 714	4 929	6 322	5 796	5 453	4 406	4 450	-0.23	-2.61
Transport	3 781	4 938	6 636	7 188	7 303	6 441	6 613	+2.26	-0.83
<i>Road transport</i>	3 091	4 192	5 715	6 211	6 109	5 233	5 305	+2.18	-1.56
<i>Domestic & International aviation</i>	562	618	787	891	1 015	1 086	1 172	+2.98	+2.77
Other sectors	3 402	3 984	4 961	6 025	5 342	4 923	4 974	+1.53	-1.90
<i>Services</i>	602	905	1 396	2 195	1 883	1 901	1 960	+4.84	-1.12
<i>Residential</i>	2 286	2 564	2 804	3 224	2 969	2 566	2 539	+0.42	-2.36

Source: Eurostat (nrg_100a)

Romania, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	26 656	4 712	4 148	8 785	3 003	5 935	74		
+ Primary production receipt									
+ Other sources (recovered products)	88		88						
+ Recycled products									
+ Imports	11 635	1 096	9 800	161		191		386	
+ Stock changes	172	173	22	- 21		- 1	- 2		
- Exports	6 093	66	4 910	1		151		965	
- Bunkers	45		45						
- Direct use									
Gross inland consumption	32 413	5 914	9 104	8 925	3 003	5 974	72	- 579	
Transformation input	23 329	5 194	12 088	2 844	3 003	200	0		
+ Conventional thermal power stations	7 655	4 947	184	2 381		143	0		
+ Nuclear power stations	3 003				3 003				
+ District heating plants	477	4	54	362		57	0		
+ Coke ovens									
+ Blast furnaces	244	244							
+ Gas works									
+ Refineries	11 850		11 850						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	101			101					
Transformation output	17 384		11 850	244				3 460	1 830
+ Conventional thermal power stations	3 975							2 459	1 515
+ Nuclear power stations	1 001							1 001	
+ District heating plants	315								315
+ Coke ovens									
+ Blast furnaces	244			244					
+ Gas works									
+ Refineries	11 850		11 850						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	- 3		- 3			- 2 208		2 208	
Consumption of the energy branch	2 347	29	850	458		12		765	232
Distribution losses	1 077	0	1	90		1		616	369
Available for final consumption	23 041	691	8 011	5 777		3 553	72	3 709	1 228
Statistical difference	23	- 155	220	- 25		19		9	- 45
Final non-energy consumption	1 126	9	783	334					
Final energy consumption	21 892	838	7 008	5 468		3 533	72	3 700	1 273
+ Industry	6 472	749	968	2 406		246	66	1 765	271
+ Iron and Steel	1 825	580	5	743		0	1	490	6
+ Chemical and Petrochemical	1 419	84	269	588		5	17	266	190
+ Non-ferrous metals									
+ Non-metallic minerals	940	74	332	246		39	41	204	4
+ Transport eEquipment	226			92				120	14
+ Machinery	351		15	150		2	0	175	9
+ Mining and Quarrying	35		12	2		2		19	0
+ Food, Beverages and Tobacco	559	10	33	289		32	7	157	32
+ Paper, Pulp and Printing	123			67		2	0	53	1
+ Wood and Wood products	290		13	48		138		84	7
+ Construction	390	0	269	75		3	0	39	3
+ Textile and Leather	171		4	97		1	0	64	6
+ Not elsewhere specified (Industry)	142		15	11		23		93	
+ Transport	5 577		5 280	1		203		93	
+ Rail	200		112			0		88	
+ Road	5 058		4 852			202		4	
+ International aviation	230		230						
+ Domestic aviation	42		42						
+ Domestic navigation	44		44						
+ Pipeline transport	3			1				2	
+ Not elsewhere specified (Transport)									
+ Other sectors	9 844	89	759	3 061		3 085	6	1 842	1 003
+ Commercial and public services	1 762	0	83	751		16	6	723	184
+ Residential	7 375	80	256	2 243		2 955		1 040	802
+ Agriculture / Forestry	459	8	279	67		8		79	17
+ Fishing	0			0				0	
+ Not elsewhere specified (Other)	248		142			106			

Source: Eurostat (nrg_100a)

Romania	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	38 295	32 310	28 465	28 166	27 777	26 572	26 656	-1.44	-0.55
Solid fossil fuels	8 264	7 888	5 603	5 795	5 904	4 449	4 712	-2.22	-2.05
Crude oil & other hydrocarbons	5 537	6 815	6 355	6 168	4 518	4 188	4 148	-1.15	-3.89
Natural gas	22 911	14 446	10 968	9 701	8 619	8 766	8 785	-3.76	-0.99
Nuclear heat			1 407	1 433	2 998	3 012	3 003		+7.68
Renewable energies	1 583	2 797	4 040	4 984	5 708	6 090	5 935	+5.43	+1.76
Non-renewable wastes		365	91	85	30	68	74		-1.48
Net imports	19 907	14 034	7 989	10 840	7 827	5 499	5 541	-4.99	-6.49
Solid fossil fuels	4 705	2 858	1 920	2 939	1 234	998	1 030	-5.90	-9.96
Crude oil & other hydrocarbons	11 214	8 307	4 801	8 857	6 233	7 378	7 334	-1.68	-1.87
Petroleum products	- 2 754	- 1 951	- 1 384	- 4 897	- 1 395	- 2 765	- 2 444	-0.48	-6.71
Natural gas	5 928	4 794	2 712	4 190	1 816	465	161	-13.44	-27.83
Renewable energies	- 0				134	36	40		
Gross inland consumption	58 084	46 305	36 649	39 206	35 800	32 158	32 413	-2.31	-1.88
Solid fossil fuels	12 731	10 787	7 493	8 788	7 008	5 746	5 914	-3.02	-3.88
Crude oil & petroleum products	14 117	13 091	9 992	10 286	9 310	8 470	9 104	-1.74	-1.21
Gas	28 838	19 240	13 680	13 923	10 788	9 349	8 925	-4.58	-4.35
Nuclear heat			1 407	1 433	2 998	3 012	3 003		+7.68
Renewable energies	1 583	2 796	4 041	4 940	5 860	6 124	5 974	+5.46	+1.92
Non-renewable wastes		365	96	85	30	70	72		-1.69
Transformation input	43 397	36 902	26 904	29 767	23 880	23 061	23 329	-2.45	-2.41
Conventional thermal power stations	22 568	16 555	10 629	10 102	8 428	7 244	7 655	-4.23	-2.74
Nuclear power stations			1 407	1 433	2 998	3 012	3 003		+7.68
District heating plants		1 832	1 737	825	689	504	477		-5.34
Coke-ovens	3 109	2 977	1 474	1 595	2				
Blast-furnaces	908	619	406	593	223	213	244	-5.13	-8.51
Refineries	16 526	14 921	11 250	15 219	11 479	11 984	11 850	-1.32	-2.47
BKB / PB plants	272								
Transformation output	31 409	28 822	20 698	23 789	17 544	17 377	17 384	-2.34	-3.09
Conventional thermal power stations	10 713	9 015	5 791	5 284	4 357	3 850	3 975	-3.89	-2.81
Nuclear power stations			469	478	999	1 004	1 001		+7.68
District heating plants		1 500	1 492	659	487	325	315		-7.11
Coke-ovens	3 064	2 790	1 297	1 558	2				
Blast-furnaces	908	619	406	593	223	213	244	-5.13	-8.51
Refineries	16 348	14 898	11 244	15 218	11 476	11 984	11 850	-1.28	-2.47
BKB / PB plants	143								
<i>of which: electricity</i>	4 548	3 661	3 195	3 371	3 476	3 317	3 460	-1.09	+0.26
<i>of which: derived heat</i>	6 165	6 855	4 557	3 049	2 367	1 862	1 830	-4.74	-4.98
Exchanges, transfers and returns		- 1	304	2	- 29	- 4	- 3		
Consumption of the energy branch	3 052	5 444	4 105	4 475	3 241	2 643	2 347	-1.04	-6.25
Distribution losses	810	2 420	1 612	1 882	1 425	1 069	1 077	+1.14	-5.43
Energy available for final consumption	42 234	30 359	25 030	26 874	24 768	22 758	23 041	-2.39	-1.53
Solid fossil fuels	4 010	1 900	1 194	1 767	843	630	691	-6.79	-8.96
Gas/Diesel Oil (w/o bio)		3 127	2 688	2 927	4 060	4 348	4 642		+4.72
Motor Gasoline (w/o bio)	2 234	1 514	1 664	1 622	1 561	1 431	1 369	-1.94	-1.68
Kerosene Type Jet Fuel	233	235	141	128	147	190	171	-1.23	+2.94
Naphtha		331	602	405	23	- 50	- 11		
LPG	236	301	309	747	464	478	447	+2.59	-5.00
All other oil & petroleum products	2 976	2 162	1 429	1 679	1 382	847	1 392	-2.99	-1.85
Natural gas	19 854	10 163	7 280	8 313	6 779	6 149	5 608	-4.93	-3.86
Derived gases	1 273	846	434	572	172	174	169	-7.76	-11.48
Solid biomass & charcoal	589	1 292	2 735	3 159	3 920	3 442	3 325	+7.17	+0.51
Liquid biofuels					116	167	203		
All other renewable energies			7	17	24	26	25		+3.72
Non-renewable wastes		201	60	60	30	69	72		+1.76
Electricity	4 663	3 414	2 918	3 341	3 566	3 608	3 709	-0.91	+1.05
Derived heat	6 165	4 874	3 570	2 135	1 681	1 247	1 228	-6.25	-5.38
Statistical difference	630	2 153	376	- 307	704	- 484	23		
Final non-energy consumption	820	1 238	1 883	2 467	1 472	1 521	1 126	+1.28	-7.55
Final energy consumption	40 783	26 968	22 771	24 714	22 593	21 721	21 892	-2.46	-1.21
Industry	25 336	15 149	9 297	10 008	6 881	6 471	6 472	-5.31	-4.27
Transport	3 067	3 108	3 460	4 276	5 124	5 473	5 577	+2.42	+2.69
<i>Road transport</i>	2 276	2 335	2 732	3 849	4 514	5 005	5 058	+3.25	+2.77
<i>Domestic & International aviation</i>	233	186	133	137	277	231	272	+0.62	+7.06
Other sectors	12 380	8 711	10 014	10 431	10 588	9 777	9 844	-0.91	-0.58
<i>Services</i>	390	512	673	1 670	1 881	1 768	1 762	+6.22	+0.54
<i>Residential</i>	10 566	6 331	8 409	7 990	8 102	7 410	7 375	-1.43	-0.80

Source: Eurostat (nrg_100a)

Slovenia, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	3 391	862		3	1 457	1 026	43		
+ Primary production receipt									
+ Other sources (recovered products)	4		4						
+ Recycled products									
+ Imports	5 757	203	4 084	662		31		778	
+ Stock changes	17	8	9			- 0			
- Exports	2 524		1 742					782	
- Bunkers	62		62						
- Direct use	4		4						
Gross inland consumption	6 579	1 074	2 289	664	1 457	1 056	43	- 4	
Transformation input	2 678	1 024	8	98	1 457	82	8		
+ Conventional thermal power stations	1 177	1 017	4	77		71	8		
+ Nuclear power stations	1 457				1 457				
+ District heating plants	44	7	4	21		12			
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	1 130							923	207
+ Conventional thermal power stations	606							437	170
+ Nuclear power stations	486							486	
+ District heating plants	38								38
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns						- 352		352	
Consumption of the energy branch	109			3				96	10
Distribution losses	103							74	28
Available for final consumption	4 820	50	2 281	563		622	35	1 100	169
Statistical difference	5	5				0		0	
Final non-energy consumption	126	6	114	5					
Final energy consumption	4 689	38	2 167	558		622	35	1 100	169
+ Industry	1 227	38	94	402		75	35	533	49
+ Iron and Steel	143	5	1	70				65	1
+ Chemical and Petrochemical	160		4	46		21	2	58	29
+ Non-ferrous metals	158	1	9	33				114	1
+ Non-metallic minerals	180	11	29	68		2	33	37	1
+ Transport eEquipment	33		2	11		0		19	0
+ Machinery	135		12	35		1		81	7
+ Mining and Quarrying	17		2	4				11	
+ Food, Beverages and Tobacco	67		11	26		2		25	3
+ Paper, Pulp and Printing	166	21	2	74		9		59	1
+ Wood and Wood products	52		1	1		35		14	0
+ Construction	26		17	5		0		4	0
+ Textile and Leather	21		2	8		2		8	1
+ Not elsewhere specified (Industry)	70		2	21		4		37	5
+ Transport	1 799		1 754	2		29		13	
+ Rail	25		12					12	
+ Road	1 746		1 715	2		29			
+ International aviation	26		26						
+ Domestic aviation	1		1						
+ Domestic navigation									
+ Pipeline transport									
+ Not elsewhere specified (Transport)	1							1	
+ Other sectors	1 663		319	154		517		553	120
+ Commercial and public services	457		73	50		13		278	43
+ Residential	1 111		154	103		501		276	77
+ Agriculture / Forestry	75		71			4			
+ Fishing									
+ Not elsewhere specified (Other)	20		20						

Source: Eurostat (nrg_100a)

Slovenia	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	3 056	2 956	3 085	3 492	3 776	3 664	3 391	+0.42	-0.29
Solid fossil fuels	1 350	1 192	1 062	1 184	1 196	818	862	-1.78	-3.12
Crude oil & other hydrocarbons	3	2	1						
Natural gas	20	16	6	3	6	3	3	-7.90	-2.84
Nuclear heat	1 192	1 233	1 228	1 518	1 459	1 643	1 457	+0.81	-0.41
Renewable energies	491	513	788	774	1 091	1 157	1 026	+2.99	+2.86
Non-renewable wastes			0	13	23	43	43		+12.77
Net imports	2 609	3 089	3 405	3 855	3 580	2 985	3 233	+0.86	-1.74
Solid fossil fuels	142	187	244	323	279	225	203	+1.45	-4.55
Crude oil & other hydrocarbons	569	589	152						
Petroleum products	1 230	1 676	2 303	2 634	2 596	2 327	2 342	+2.61	-1.17
Natural gas	723	750	820	925	857	623	662	-0.35	-3.30
Renewable energies	30	30			30	45	31	+0.09	
Gross inland consumption	5 714	6 072	6 451	7 325	7 337	6 653	6 579	+0.57	-1.07
Solid fossil fuels	1 574	1 378	1 305	1 539	1 453	1 047	1 074	-1.52	-3.54
Crude oil & petroleum products	1 749	2 315	2 419	2 581	2 600	2 327	2 289	+1.08	-1.19
Gas	763	746	826	929	863	626	664	-0.55	-3.30
Nuclear heat	1 192	1 233	1 228	1 518	1 459	1 643	1 457	+0.81	-0.41
Renewable energies	521	543	788	774	1 121	1 202	1 056	+2.87	+3.16
Non-renewable wastes			0	13	23	43	43		+12.77
Transformation input	3 311	3 301	2 780	3 115	3 077	2 838	2 678	-0.85	-1.50
Conventional thermal power stations	1 485	1 386	1 302	1 508	1 561	1 147	1 177	-0.92	-2.45
Nuclear power stations	1 192	1 233	1 228	1 518	1 459	1 643	1 457	+0.81	-0.41
District heating plants	65	76	80	89	57	49	44	-1.59	-6.91
Coke-ovens									
Blast-furnaces	8								
Refineries	559	604	171						
BKB / PB plants									
Transformation output	1 581	1 648	1 237	1 244	1 242	1 125	1 130	-1.33	-0.95
Conventional thermal power stations	562	568	586	666	705	534	606	+0.30	-0.93
Nuclear power stations	397	411	409	506	486	548	486	+0.81	-0.41
District heating plants	53	65	71	72	51	43	38	-1.34	-6.16
Coke-ovens									
Blast-furnaces	8								
Refineries	559	604	171						
BKB / PB plants									
<i>of which: electricity</i>	816	831	842	1 002	1 008	929	923	+0.49	-0.83
<i>of which: derived heat</i>	196	213	224	241	234	195	207	+0.22	-1.50
Exchanges, transfers and returns									
Consumption of the energy branch	147	130	112	104	118	112	109	-1.19	+0.49
Distribution losses	69	59	93	122	119	101	103	+1.63	-1.68
Energy available for final consumption	3 768	4 230	4 702	5 228	5 265	4 726	4 820	+0.99	-0.81
Solid fossil fuels	235	120	90	127	72	47	50	-6.03	-8.98
Gas/Diesel Oil (w/o bio)	794	1 081	1 174	1 506	1 710	1 582	1 582	+2.80	+0.49
Motor Gasoline (w/o bio)	606	880	865	702	604	452	442	-1.25	-4.53
Kerosene Type Jet Fuel	28	20	25	23	28	26	26	-0.26	+1.41
Naphtha	5	29	11						
LPG	36	37	101	98	93	81	90	+3.71	-0.81
All other oil & petroleum products	95	122	208	238	157	171	140	+1.58	-5.13
Natural gas	710	668	693	791	699	523	563	-0.92	-3.34
Derived gases	10								
Solid biomass & charcoal	263	260	434	438	576	491	538	+2.90	+2.07
Liquid biofuels					46	44	30		
All other renewable energies			1	1	36	48	55		+43.67
Non-renewable wastes				12	23	36	35		+11.05
Electricity	795	803	905	1 096	1 027	1 071	1 100	+1.31	+0.04
Derived heat	192	208	195	196	192	154	169	-0.50	-1.44
Statistical difference	20	22	7	22	20	- 4	5		
Final non-energy consumption	9	118	238	309	209	141	126	+10.91	-8.62
Final energy consumption	3 739	4 089	4 457	4 897	5 036	4 589	4 689	+0.91	-0.43
Industry	1 541	1 178	1 424	1 644	1 273	1 230	1 227	-0.91	-2.88
Transport	944	1 349	1 259	1 493	1 806	1 821	1 799	+2.61	+1.88
<i>Road transport</i>	888	1 300	1 199	1 440	1 753	1 769	1 746	+2.74	+1.95
<i>Domestic & International aviation</i>	27	21	26	24	29	27	27	+0.05	+1.35
Other sectors	1 254	1 562	1 775	1 760	1 957	1 538	1 663	+1.14	-0.57
<i>Services</i>	294	398	527	475	533	427	457	+1.79	-0.39
<i>Residential</i>	952	1 162	1 127	1 188	1 326	1 017	1 111	+0.62	-0.67

Source: Eurostat (nrg_100a)

Slovakia, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	6 320	495	12	78	3 954	1 592	190		
+ Primary production receipt									
+ Other sources (recovered products)	415		415						
+ Recycled products									
+ Imports	15 344	2 829	7 435	3 687		100	1	1 290	2
+ Stock changes	90	7	- 31	114		- 0	0		
- Exports	5 702	57	4 445			116		1 084	
- Bunkers									
- Direct use	42		42						
Gross inland consumption	16 426	3 275	3 343	3 879	3 954	1 576	191	205	2
Transformation input	15 066	3 040	6 569	923	3 954	563	16	1	
+ Conventional thermal power stations	2 147	944	202	487		499	15		
+ Nuclear power stations	3 954				3 954				
+ District heating plants	326	2		259		64	1	1	
+ Coke ovens	1 517	1 517							
+ Blast furnaces	577	577							
+ Gas works									
+ Refineries	6 367		6 367						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	178			178					
Transformation output	11 196	1 169	6 366	872				1 913	876
+ Conventional thermal power stations	1 154							611	543
+ Nuclear power stations	1 349							1 302	47
+ District heating plants	286								286
+ Coke ovens	1 464	1 169		295					
+ Blast furnaces	577			577					
+ Gas works									
+ Refineries	6 366		6 366						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	- 10		- 10			- 376		376	
Consumption of the energy branch	1 020	0	387	245		0		281	106
Distribution losses	363	1	1	104		1		117	139
Available for final consumption	11 162	1 404	2 742	3 479		635	174	2 096	632
Statistical difference	38	38							
Final non-energy consumption	1 047	43	618	386					
Final energy consumption	10 077	1 323	2 123	3 093		635	174	2 096	632
+ Industry	4 427	1 195	114	1 402		407	161	998	150
+ Iron and Steel	2 091	1 124		763		4		201	
+ Chemical and Petrochemical	352		53	104			18	113	65
+ Non-ferrous metals	256	3		32				220	
+ Non-metallic minerals	438	55	45	140		0	143	47	7
+ Transport eEquipment	161	2	2	69		0		83	5
+ Machinery	210	0	2	88		5	0	114	
+ Mining and Quarrying	8	0	3	2		0		3	
+ Food, Beverages and Tobacco	133	11		72		0		46	4
+ Paper, Pulp and Printing	527		1	52		347		62	65
+ Wood and Wood products	56			5		37		13	1
+ Construction	28		6	15		1		6	1
+ Textile and Leather	28			16		0		11	1
+ Not elsewhere specified (Industry)	136		1	45		12		77	
+ Transport	2 212		1 924	92		144		52	
+ Rail	44							44	
+ Road	1 990		1 844			144		2	
+ International aviation	43		43						
+ Domestic aviation									
+ Domestic navigation									
+ Pipeline transport	85			85					
+ Not elsewhere specified (Transport)	51		37	8				6	
+ Other sectors	3 438	128	86	1 599		84	13	1 046	482
+ Commercial and public services	1 300	110	14	526		18	13	590	29
+ Residential	1 988	18	4	1 051		29		433	453
+ Agriculture / Forestry	150	0	67	23		37		23	1
+ Fishing									
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Slovakia	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	5 258	5 011	6 287	6 336	5 974	6 307	6 320	+0.74	-0.03
Solid fossil fuels	1 397	1 017	1 018	637	613	579	495	-4.06	-2.49
Crude oil & other hydrocarbons	83	74	64	35	15	12	12	-7.57	-10.39
Natural gas	338	264	133	126	88	84	78	-5.71	-4.73
Nuclear heat	3 105	2 950	4 255	4 626	3 819	4 041	3 954	+0.97	-1.56
Renewable energies	328	496	496	861	1 404	1 441	1 592	+6.52	+6.34
Non-renewable wastes	8	210	322	51	34	151	190	+13.70	+14.04
Net imports	16 882	12 136	11 997	12 428	11 263	9 856	9 642	-2.22	-2.51
Solid fossil fuels	6 108	4 135	3 432	3 739	2 951	2 850	2 773	-3.11	-2.95
Crude oil & other hydrocarbons	6 617	5 085	5 720	5 428	5 314	5 364	5 778	-0.54	+0.63
Petroleum products	- 1 642	- 1 730	- 2 630	- 2 155	- 2 015	- 2 384	- 2 788	+2.14	+2.61
Natural gas	5 353	4 528	5 707	5 735	5 003	3 954	3 687	-1.48	-4.32
Renewable energies				- 40	- 80	- 26	- 16		-8.92
Gross inland consumption	21 773	17 719	18 302	19 029	17 855	16 181	16 426	-1.12	-1.46
Solid fossil fuels	7 824	5 390	4 278	4 230	3 897	3 424	3 275	-3.42	-2.53
Crude oil & petroleum products	4 975	3 335	3 415	3 710	3 683	3 275	3 343	-1.58	-1.04
Gas	5 088	5 217	5 776	5 884	5 006	3 772	3 879	-1.08	-4.08
Nuclear heat	3 105	2 950	4 255	4 626	3 819	4 041	3 954	+0.97	-1.56
Renewable energies	328	497	488	809	1 325	1 420	1 576	+6.48	+6.90
Non-renewable wastes	8	210	322	50	35	152	191	+13.72	+14.21
Transformation input	16 377	14 255	15 553	16 638	15 005	14 421	15 066	-0.33	-0.99
Conventional thermal power stations	3 367	3 273	2 555	2 517	2 391	2 042	2 147	-1.78	-1.58
Nuclear power stations	3 105	2 950	4 255	4 626	3 819	4 041	3 954	+0.97	-1.56
District heating plants	265	831	674	718	497	294	326	+0.84	-7.59
Coke-ovens	1 970	1 604	1 534	1 649	1 504	1 436	1 517	-1.04	-0.83
Blast-furnaces	561	483	479	587	629	602	577	+0.11	-0.16
Refineries	7 055	5 057	5 959	6 397	6 001	5 826	6 367	-0.41	-0.05
BKB / PB plants									
Transformation output	12 412	9 961	11 026	12 171	11 169	10 571	11 196	-0.41	-0.83
Conventional thermal power stations	1 600	1 418	1 215	1 344	1 320	1 117	1 154	-1.30	-1.51
Nuclear power stations	1 035	983	1 418	1 578	1 313	1 376	1 349	+1.07	-1.55
District heating plants	197	456	498	630	435	259	286	+1.49	-7.61
Coke-ovens	1 952	1 570	1 449	1 637	1 471	1 392	1 464	-1.14	-1.11
Blast-furnaces	561	483	479	587	629	602	577	+0.11	-0.16
Refineries	7 067	5 051	5 967	6 396	6 000	5 826	6 366	-0.42	-0.05
BKB / PB plants									
<i>of which: electricity</i>	2 031	1 853	2 251	2 296	1 908	1 921	1 913	-0.24	-1.81
<i>of which: derived heat</i>	801	1 005	880	1 255	1 160	831	876	+0.36	-3.54
Exchanges, transfers and returns	- 6	- 8	- 9	5	4	1	- 10		
Consumption of the energy branch	981	827	757	1 401	1 089	1 075	1 020	+0.16	-3.13
Distribution losses	279	358	285	330	289	280	363	+1.06	+0.97
Energy available for final consumption	16 543	12 231	12 723	12 835	12 645	10 976	11 162	-1.56	-1.39
Solid fossil fuels	4 602	2 525	1 781	1 624	1 734	1 545	1 404	-4.64	-1.45
Gas/Diesel Oil (w/o bio)	1 305	915	855	1 128	1 544	1 424	1 367	+0.19	+1.94
Motor Gasoline (w/o bio)	453	521	612	672	601	555	578	+0.98	-1.50
Kerosene Type Jet Fuel		40	27	39	41	35	43		+1.00
Naphtha	358	465	521	420	406	269	214	-2.03	-6.51
LPG	35	37	33	163	109	113	130	+5.36	-2.24
All other oil & petroleum products	2 342	751	1 244	618	392	304	409	-6.74	-4.04
Natural gas	3 915	3 539	4 167	4 294	3 713	2 757	2 868	-1.24	-3.96
Derived gases	604	534	531	613	617	634	611	+0.05	-0.02
Solid biomass & charcoal	166	78	91	315	423	367	445	+4.02	+3.52
Liquid biofuels				11	98	134	144		+29.91
All other renewable energies				2	20	11	46		+34.88
Non-renewable wastes	8	123	229	20	21	141	174	+13.31	+23.98
Electricity	2 158	1 901	1 926	1 965	2 075	2 077	2 096	-0.12	+0.65
Derived heat	596	802	705	951	851	610	632	+0.24	-4.00
Statistical difference	- 306	272	378	- 4	46	64	38		
Final non-energy consumption	1 607	926	1 365	1 279	1 053	929	1 047	-1.70	-1.98
Final energy consumption	15 242	11 034	10 981	11 561	11 546	9 983	10 077	-1.64	-1.36
Industry	7 194	4 686	4 533	4 713	4 361	4 449	4 427	-1.92	-0.62
Transport	1 446	1 413	1 454	2 392	2 633	2 212	2 212	+1.72	-0.78
Road transport	1 345	1 254	1 345	1 689	2 147	2 004	1 990	+1.58	+1.65
Domestic & International aviation		40	27	52	41	35	43		-1.74
Other sectors	6 603	4 935	4 993	4 457	4 552	3 323	3 438	-2.58	-2.56
Services	3 658	2 657	2 200	1 751	2 106	1 234	1 300	-4.05	-2.93
Residential	2 232	1 977	2 586	2 540	2 312	1 952	1 988	-0.46	-2.42

Source: Eurostat (nrg_100a)

Finland, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	17 538	837	71		5 996	10 394	239		
+ Primary production receipt	379		379						
+ Other sources (recovered products)	247		241	6					
+ Recycled products	10		10						
+ Imports	23 121	2 553	16 349	2 237		137		1 845	
+ Stock changes	- 60	726	- 785						
- Exports	7 461	91	6 886	0		43		440	
- Bunkers	294		294						
- Direct use	325		325						
Gross inland consumption	33 155	4 025	8 759	2 243	5 996	10 488	239	1 405	
Transformation input	28 478	3 942	13 243	1 612	5 996	3 417	190	34	43
+ Conventional thermal power stations	6 352	2 294	59	1 074		2 709	173		43
+ Nuclear power stations	5 996				5 996				
+ District heating plants	1 459	280	140	285		702	18	34	
+ Coke ovens	857	857							
+ Blast furnaces	360	360							
+ Gas works									
+ Refineries	13 044		13 044						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas	6					6			
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	404	150		253					
Transformation output	22 714	631	13 042	550				4 249	4 241
+ Conventional thermal power stations	5 056							2 251	2 805
+ Nuclear power stations	1 999							1 999	
+ District heating plants	1 436								1 436
+ Coke ovens	822	631		190					
+ Blast furnaces	360			360					
+ Gas works									
+ Refineries	13 042		13 042						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	- 3		- 3			- 1 643		1 643	
Consumption of the energy branch	1 300		658	280		38		312	12
Distribution losses	657		53	41				210	353
Available for final consumption	25 430	715	7 844	859		5 390	49	6 741	3 833
Statistical difference	40	112	- 61	- 4		- 1	- 0	- 6	0
Final non-energy consumption	1 209		1 189	20					
Final energy consumption	24 181	603	6 716	843		5 391	49	6 747	3 833
+ Industry	10 698	563	1 323	781		3 460	49	3 258	1 265
+ Iron and Steel	1 250	296	228	252		0		369	105
+ Chemical and Petrochemical	1 001		293	19		6	12	409	261
+ Non-ferrous metals	250	5	32	1			0	159	52
+ Non-metallic minerals	283	39	85	55		22	15	55	12
+ Transport eEquipment	57		10	0		0		24	23
+ Machinery	311		34	8		0		182	85
+ Mining and Quarrying	164		57			1		103	3
+ Food, Beverages and Tobacco	401	17	50	18		10		148	158
+ Paper, Pulp and Printing	5 881	200	105	410		3 216	20	1 577	353
+ Wood and Wood products	487	5	11	0		201	0	108	161
+ Construction	364		332					32	
+ Textile and Leather	26		4	5				10	7
+ Not elsewhere specified (Industry)	224	0	82	12		4	1	80	44
+ Transport	4 791		4 227	7		497		60	
+ Rail	83		23					60	
+ Road	3 868		3 369	4		495		0	
+ International aviation	640		640						
+ Domestic aviation	61		61						
+ Domestic navigation	136		134			2			
+ Pipeline transport	3			3					
+ Not elsewhere specified (Transport)									
+ Other sectors	8 692	40	1 167	55		1 434		3 428	2 568
+ Commercial and public services	2 714	2	225	28		78		1 499	882
+ Residential	4 898	4	328	26		1 197		1 799	1 546
+ Agriculture / Forestry	689	34	356	1		155		131	12
+ Fishing	34		34						
+ Not elsewhere specified (Other)	356		224			4			128

Source: Eurostat (nrg_100a)

Finland	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	12 031	13 109	14 805	16 561	17 336	18 105	17 538	+1.52	+0.57
Solid fossil fuels	1 811	2 032	1 089	2 138	1 808	1 603	837	-3.04	-8.95
Crude oil & other hydrocarbons			102	150	68	66	71		-7.21
Natural gas									
Nuclear heat	4 957	4 957	5 799	6 003	5 881	6 083	5 996	+0.76	-0.01
Renewable energies	5 255	6 116	7 751	8 164	9 433	10 118	10 394	+2.77	+2.44
Non-renewable wastes	7	5	66	106	146	235	239	+14.85	+8.42
Net imports	17 986	15 905	18 221	18 953	17 838	17 056	15 659	-0.55	-1.89
Solid fossil fuels	4 378	3 834	3 510	3 307	3 946	3 593	2 462	-2.28	-2.91
Crude oil & other hydrocarbons	8 878	8 816	11 784	10 713	11 206	12 075	11 101	+0.90	+0.36
Petroleum products	1 632	- 307	- 1 525	- 59	- 1 974	- 2 862	- 1 639		
Natural gas	2 183	2 839	3 430	3 607	3 837	2 513	2 236	+0.10	-4.67
Renewable energies				- 78	- 81	193	94		
Gross inland consumption	28 843	29 363	32 409	34 503	37 105	34 769	33 155	+0.56	-0.40
Solid fossil fuels	5 310	6 051	5 093	4 904	6 868	4 472	4 025	-1.10	-1.95
Crude oil & petroleum products	9 976	8 661	9 249	10 334	10 117	9 618	8 759	-0.52	-1.64
Gas	2 187	2 839	3 430	3 607	3 837	2 516	2 243	+0.10	-4.64
Nuclear heat	4 957	4 957	5 799	6 003	5 881	6 083	5 996	+0.76	-0.01
Renewable energies	5 490	6 128	7 751	8 086	9 352	10 301	10 488	+2.62	+2.64
Non-renewable wastes	7	5	66	106	146	235	239	+14.85	+8.42
Transformation input	22 333	25 669	28 348	29 380	33 542	30 992	28 478	+0.98	-0.31
Conventional thermal power stations	5 261	6 755	7 176	7 793	10 254	7 241	6 352	+0.76	-2.02
Nuclear power stations	4 957	4 957	5 799	6 003	5 881	6 083	5 996	+0.76	-0.01
District heating plants	671	572	1 078	1 273	1 613	1 562	1 459	+3.16	+1.37
Coke-ovens	448	1 040	899	893	836	867	857	+2.63	-0.42
Blast-furnaces	279	269	406	430	351	343	360	+1.03	-1.77
Refineries	10 693	12 051	12 882	12 876	14 265	14 531	13 044	+0.80	+0.13
BKB / PB plants					10	4			
Transformation output	17 217	19 831	22 457	23 269	26 219	24 721	22 714	+1.11	-0.24
Conventional thermal power stations	3 560	4 507	5 411	5 944	7 375	5 490	5 056	+1.41	-1.61
Nuclear power stations	1 652	1 652	1 933	2 001	1 960	2 028	1 999	+0.76	-0.01
District heating plants	604	568	999	1 203	1 497	1 500	1 436	+3.53	+1.78
Coke-ovens	434	791	833	822	765	829	822	+2.59	-0.00
Blast-furnaces	279	269	406	430	351	343	360	+1.03	-1.77
Refineries	10 689	12 044	12 874	12 869	14 258	14 526	13 042	+0.80	+0.13
BKB / PB plants					12	4			
<i>of which: electricity</i>	3 742	4 394	4 747	4 866	5 793	4 599	4 249	+0.51	-1.35
<i>of which: derived heat</i>	2 074	2 334	3 597	4 282	5 039	4 419	4 241	+2.90	-0.10
Exchanges, transfers and returns	4	24	- 27	- 40	- 32	- 21	- 3		
Consumption of the energy branch	1 000	1 157	1 168	1 208	1 526	1 386	1 300	+1.05	+0.73
Distribution losses	402	477	567	707	724	705	657	+1.98	-0.73
Energy available for final consumption	22 330	21 916	24 755	26 436	27 499	26 387	25 430	+0.52	-0.39
Solid fossil fuels	1 651	1 288	1 002	937	813	518	715	-3.29	-2.67
Gas/Diesel Oil (w/o bio)	3 640	3 750	3 613	4 219	4 376	3 727	3 740	+0.11	-1.20
Motor Gasoline (w/o bio)	2 331	2 334	2 099	2 107	1 826	1 813	1 771	-1.09	-1.73
Kerosene Type Jet Fuel	450	421	510	638	775	804	884	+2.74	+3.32
Naphtha	346	154	291	370	481	184	208	-2.00	-5.59
LPG	220	258	211	307	415	535	498	+3.33	+4.96
All other oil & petroleum products	1 947	697	1 519	1 657	1 029	1 650	743	-3.78	-7.70
Natural gas	964	1 013	927	844	827	679	631	-1.68	-2.87
Derived gases	276	323	299	261	239	191	228	-0.77	-1.36
Solid biomass & charcoal	3 522	3 944	4 447	4 200	4 662	4 846	4 826	+1.27	+1.40
Liquid biofuels					244	530	501		
All other renewable energies	0	0	32	35	50	66	62		+6.08
Non-renewable wastes			21	32	35	55	49		+4.22
Electricity	5 068	5 608	6 505	6 955	7 173	6 797	6 741	+1.15	-0.31
Derived heat	1 915	2 126	3 279	3 872	4 554	3 992	3 833	+2.81	-0.10
Statistical difference	- 757	- 1 183	- 597	98	28	685	40		
Final non-energy consumption	1 436	1 125	1 036	1 153	1 224	1 199	1 209	-0.68	+0.48
Final energy consumption	21 650	21 974	24 316	25 185	26 247	24 503	24 181	+0.44	-0.41
Industry	9 486	9 864	12 204	11 876	11 340	10 696	10 698	+0.48	-1.04
Transport	4 333	4 178	4 275	4 645	4 843	4 758	4 791	+0.40	+0.31
<i>Road transport</i>	3 653	3 518	3 536	3 849	3 952	3 843	3 868	+0.23	+0.05
<i>Domestic & International aviation</i>	463	411	471	526	619	688	701	+1.67	+2.91
Other sectors	7 831	7 932	7 837	8 663	10 064	9 049	8 692	+0.42	+0.03
<i>Services</i>	894	1 010	2 324	2 618	3 078	2 869	2 714	+4.54	+0.36
<i>Residential</i>	5 345	5 443	4 490	5 020	5 814	5 070	4 898	-0.35	-0.24

Source: Eurostat (nrg_100a)

Sweden, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	33 643	110			14 535	18 374	623		
+ Primary production receipt									
+ Other sources (recovered products)	170		163	7					
+ Recycled products									
+ Imports	32 550	2 009	28 111	724		908		799	
+ Stock changes	- 602	53	- 646			- 9			
- Exports	18 310	55	15 431			81		2 742	
- Bunkers	1 814		1 814						
- Direct use	163		163						
Gross inland consumption	45 473	2 116	10 219	730	14 535	19 192	623	- 1 943	
Transformation input	43 466	1 783	21 223	388	14 535	4 727	623	186	
+ Conventional thermal power stations	5 140	299	68	359		3 833	580		
+ Nuclear power stations	14 535				14 535				
+ District heating plants	1 198	26	27	23		893	43	186	
+ Coke ovens	1 137	1 137							
+ Blast furnaces	320	320							
+ Gas works	7			7					
+ Refineries	21 128		21 128						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	32 854	808	21 115	509				6 041	4 382
+ Conventional thermal power stations	4 351							1 196	3 155
+ Nuclear power stations	4 845							4 845	
+ District heating plants	1 227								1 227
+ Coke ovens	997	808		189					
+ Blast furnaces	320			320					
+ Gas works									
+ Refineries	21 115		21 115						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	178		178			- 7 883		7 883	
Consumption of the energy branch	1 626		981	106		17		521	
Distribution losses	754			28				537	189
Available for final consumption	32 660	1 141	9 308	716		6 566		10 736	4 193
Statistical difference	- 873	92	- 871	- 132		37			
Final non-energy consumption	1 774	13	1 663	98					
Final energy consumption	31 759	1 036	8 515	750		6 529		10 736	4 193
+ Industry	11 528	1 036	825	581		4 281		4 323	482
+ Iron and Steel	1 549	726	192	252				378	
+ Chemical and Petrochemical	661	3	111	157		12		378	
+ Non-ferrous metals	317	32	30	6				248	
+ Non-metallic minerals	353	172	53	46				81	
+ Transport eEquipment	191		24	0				166	
+ Machinery	347		42	14				291	
+ Mining and Quarrying	513	96	105	8				304	
+ Food, Beverages and Tobacco	360		59	75		18		208	
+ Paper, Pulp and Printing	5 819	8	160	17		3 874		1 761	
+ Wood and Wood products	554		34	0		359		162	
+ Construction	104							104	
+ Textile and Leather	23		3	2				17	
+ Not elsewhere specified (Industry)	738		10	2		18		226	482
+ Transport	8 668		7 308	34		1 102		223	
+ Rail	225		2					223	
+ Road	7 504		6 368	34		1 102			
+ International aviation	739		739						
+ Domestic aviation	133		133						
+ Domestic navigation	66		66						
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	11 563		382	135		1 146		6 189	3 710
+ Commercial and public services	3 999		245	97		40		2 385	1 231
+ Residential	7 197		30	30		969		3 696	2 472
+ Agriculture / Forestry	350		90	8		136		108	7
+ Fishing	17		17						
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Sweden	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	29 504	31 337	30 012	34 189	32 667	34 171	33 643	+0.53	-0.16
Solid fossil fuels	167	217	162	211	238	134	110	-1.65	-6.31
Crude oil & other hydrocarbons	3	4							
Natural gas									
Nuclear heat	17 589	18 040	14 785	18 670	14 917	16 735	14 535	-0.76	-2.47
Renewable energies	11 530	12 836	14 741	14 826	16 997	16 709	18 374	+1.88	+2.17
Non-renewable wastes	215	239	324	482	515	592	623	+4.35	+2.60
Net imports	18 354	20 430	20 436	19 460	19 294	15 993	14 240	-1.01	-3.07
Solid fossil fuels	2 641	2 750	2 409	2 556	2 548	1 991	1 954	-1.20	-2.65
Crude oil & other hydrocarbons	17 151	18 940	21 606	19 369	19 139	18 045	19 109	+0.43	-0.14
Petroleum products	- 1 862	- 1 870	- 4 757	- 2 671	- 4 038	- 4 102	- 6 429	+5.08	+9.18
Natural gas	577	755	776	843	1 466	794	724	+0.91	-1.51
Renewable energies						609	827		
Gross inland consumption	47 440	51 469	48 898	50 993	50 783	48 209	45 473	-0.17	-1.14
Solid fossil fuels	2 973	2 884	2 452	2 629	2 492	2 103	2 116	-1.35	-2.15
Crude oil & petroleum products	14 671	16 820	15 377	14 136	14 199	12 003	10 219	-1.44	-3.19
Gas	615	795	816	886	1 484	801	730	+0.69	-1.91
Nuclear heat	17 589	18 040	14 785	18 670	14 917	16 735	14 535	-0.76	-2.47
Renewable energies	11 530	12 836	14 741	14 826	16 997	17 318	19 192	+2.06	+2.62
Non-renewable wastes	215	239	324	482	515	592	623	+4.35	+2.60
Transformation input	39 956	45 281	44 243	46 581	45 858	44 617	43 466	+0.34	-0.69
Conventional thermal power stations	1 540	3 253	3 263	4 473	6 448	5 064	5 140	+4.94	+1.40
Nuclear power stations	17 589	18 040	14 785	18 670	14 917	16 735	14 535	-0.76	-2.47
District heating plants	1 124	1 700	1 564	1 525	1 735	1 201	1 198	+0.26	-2.38
Coke-ovens	1 118	1 235	1 293	1 352	1 348	1 044	1 137	+0.07	-1.71
Blast-furnaces	314	332	385	436	353	333	320	+0.07	-3.04
Refineries	18 230	20 671	22 901	20 082	21 038	20 232	21 128	+0.59	+0.51
BKB / PB plants									
Transformation output	27 658	32 787	33 764	33 259	34 488	32 537	32 854	+0.69	-0.12
Conventional thermal power stations	1 333	2 995	2 883	3 742	5 414	4 240	4 351	+4.84	+1.52
Nuclear power stations	5 863	6 013	4 928	6 223	4 972	5 578	4 845	-0.76	-2.47
District heating plants	988	1 774	1 652	1 636	1 724	1 229	1 227	+0.87	-2.84
Coke-ovens	929	977	988	1 161	998	935	997	+0.28	-1.52
Blast-furnaces	314	332	385	436	353	333	320	+0.07	-3.04
Refineries	18 230	20 696	22 928	20 061	21 027	20 221	21 115	+0.59	+0.51
BKB / PB plants									
<i>of which: electricity</i>	6 318	6 887	5 691	7 276	6 754	6 751	6 041	-0.18	-1.84
<i>of which: derived heat</i>	1 866	3 895	3 772	4 325	5 356	4 297	4 382	+3.47	+0.13
Exchanges, transfers and returns	57	138	150	72	146	151	178		
Consumption of the energy branch	1 757	1 141	1 141	1 326	1 469	1 663	1 626	-0.31	+2.06
Distribution losses	1 020	1 305	1 222	1 189	1 192	791	754	-1.20	-4.45
Energy available for final consumption	32 422	36 667	36 206	35 229	36 899	33 825	32 660	+0.03	-0.75
Solid fossil fuels	1 315	1 304	1 016	1 242	989	1 122	1 141	-0.56	-0.84
Gas/Diesel Oil (w/o bio)	4 773	4 976	5 186	4 602	5 503	5 012	4 496	-0.24	-0.23
Motor Gasoline (w/o bio)	4 500	4 200	4 218	4 201	3 667	2 933	2 590	-2.19	-4.72
Kerosene Type Jet Fuel	653	736	710	859	824	903	921	+1.38	+0.71
Naphtha	963	2 278	1 571	615	574	354	252	-5.22	-8.52
LPG	857	942	884	951	992	1 054	1 040	+0.78	+0.90
All other oil & petroleum products	2 043	2 240	1 968	1 767	1 365	805	8	-20.00	-41.92
Natural gas	370	423	511	611	734	594	530	+1.45	-1.40
Derived gases	252	242	229	255	139	192	186	-1.20	-3.09
Solid biomass & charcoal	4 631	5 069	5 289	4 574	5 211	5 186	5 371	+0.59	+1.62
Liquid biofuels				135	381	853	1 042		+22.70
All other renewable energies	3	5	5	6	97	136	153	+16.77	+38.43
Non-renewable wastes	5	2							
Electricity	10 352	10 711	11 068	11 238	11 282	10 507	10 736	+0.15	-0.46
Derived heat	1 706	3 540	3 550	4 174	5 141	4 174	4 193	+3.66	+0.04
Statistical difference	- 671	- 373	- 498	- 723	710	664	- 873		
Final non-energy consumption	1 932	1 989	1 731	2 293	2 112	1 970	1 774	-0.34	-2.53
Final energy consumption	31 160	35 050	34 973	33 659	34 077	31 192	31 759	+0.08	-0.58
Industry	12 345	13 816	14 267	12 631	12 205	11 236	11 528	-0.27	-0.91
Transport	7 378	7 786	8 192	8 609	8 595	8 524	8 668	+0.65	+0.07
Road transport	6 187	6 553	6 803	7 370	7 356	7 407	7 504	+0.77	+0.18
Domestic & International aviation	764	856	934	850	843	813	872	+0.53	+0.25
Other sectors	11 437	13 448	12 514	12 419	13 277	11 431	11 563	+0.04	-0.71
Services	4 010	4 856	4 405	4 297	4 550	4 034	3 999	-0.01	-0.72
Residential	6 552	7 744	7 300	7 305	8 035	7 018	7 197	+0.38	-0.15

Source: Eurostat (nrg_100a)

United Kingdom, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	118 274	5 115	46 479	35 659	18 146	11 835	1 041		
+ Primary production receipt									
+ Other sources (recovered products)									
+ Recycled products									
+ Imports	143 184	15 924	84 474	37 624		3 209		1 953	
+ Stock changes	2 703	3 116	- 446	21		12			
- Exports	70 990	352	58 146	12 024		315		153	
- Bunkers	2 426		2 426						
- Direct use									
Gross inland consumption	190 745	23 803	69 935	61 280	18 146	14 740	1 041	1 800	
Transformation input	129 767	21 496	63 605	19 302	18 146	6 317	903		
+ Conventional thermal power stations	42 046	17 333	295	17 254		6 287	878		
+ Nuclear power stations	18 146				18 146				
+ District heating plants	2 261	135	58	2 013		30	25		
+ Coke ovens	2 704	2 672		33					
+ Blast furnaces	1 215	1 215							
+ Gas works									
+ Refineries	63 184		63 184						
+ Patent fuel plants	209	141	68						
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	2			2					
Transformation output	92 722	2 123	63 164	1 748				24 264	1 422
+ Conventional thermal power stations	18 216							18 216	
+ Nuclear power stations	6 049							6 049	
+ District heating plants	1 422								1 422
+ Coke ovens	2 494	1 961		533					
+ Blast furnaces	1 215			1 215					
+ Gas works									
+ Refineries	63 164		63 164						
+ Patent fuel plants	162	162							
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	13		13			- 4 657		4 657	
Consumption of the energy branch	11 291		4 079	4 765				2 177	270
Distribution losses	3 229			724				2 505	
Available for final consumption	139 193	4 430	65 429	38 237		3 766	138	26 040	1 152
Statistical difference	113	49	208	- 145		0	1	0	
Final non-energy consumption	7 710	100	7 202	408					
Final energy consumption	131 370	4 281	58 018	37 974		3 766	138	26 040	1 152
+ Industry	24 731	3 699	3 712	7 749		838	89	7 949	694
+ Iron and Steel	3 617	2 440	6	854				317	
+ Chemical and Petrochemical	2 933	47	114	1 171				1 342	260
+ Non-ferrous metals	544	13		153				378	
+ Non-metallic minerals	2 546	640	168	1 217				520	
+ Transport eEquipment	997	38	187	358				414	
+ Machinery	1 702	11		635				1 055	
+ Mining and Quarrying	9							9	
+ Food, Beverages and Tobacco	2 644	34	98	1 589				923	
+ Paper, Pulp and Printing	1 624	78	27	609				911	
+ Wood and Wood products									
+ Construction	609	4	165	325				115	
+ Textile and Leather	707	42	40	395				230	
+ Not elsewhere specified (Industry)	6 798	352	2 907	442		838	89	1 734	435
+ Transport	51 766	9	50 439			933		385	
+ Rail	1 011	9	626					377	
+ Road	38 181		37 240			933		8	
+ International aviation	11 109		11 109						
+ Domestic aviation	836		836						
+ Domestic navigation	629		629						
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	54 873	573	3 867	30 225		1 995	49	17 706	458
+ Commercial and public services	16 275	9	944	6 744		74	43	8 055	406
+ Residential	36 481	560	2 326	22 629		1 608	6	9 300	52
+ Agriculture / Forestry	1 024		342	69		262		351	
+ Fishing									
+ Not elsewhere specified (Other)	1 093	5	254	784		51			

Source: Eurostat (nrg_100a)

United Kingdom	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	205 092	254 353	268 189	203 994	148 460	108 155	118 274	-2.18	-5.30
Solid fossil fuels	52 619	31 158	18 301	11 779	10 528	6 924	5 115	-8.90	-8.00
Crude oil & other hydrocarbons	93 501	134 533	127 938	87 622	64 261	40 919	46 479	-2.76	-6.14
Natural gas	40 925	63 715	97 554	79 397	51 468	33 148	35 659	-0.55	-7.69
Nuclear heat	16 960	22 949	21 942	21 054	16 029	16 444	18 146	+0.27	-1.48
Renewable energies	1 029	1 836	2 264	3 486	5 708	9 859	11 835	+10.26	+13.00
Non-renewable wastes	58	164	189	656	466	861	1 041	+12.25	+4.73
Net imports	5 016	- 36 829	- 39 220	31 610	60 736	87 584	72 194	+11.26	+8.61
Solid fossil fuels	8 537	10 480	14 454	27 240	16 056	26 461	15 572	+2.43	-5.44
Crude oil & other hydrocarbons	- 4 503	- 35 812	- 39 093	4 559	12 990	23 242	17 231		+14.22
Petroleum products	- 6 222	- 13 537	- 6 489	- 7 296	- 2 313	6 584	9 097		
Natural gas	6 178	636	- 9 311	5 973	32 205	26 989	25 600	+5.85	+15.67
Renewable energies				418	1 569	2 542	2 893		+21.33
Gross inland consumption	210 639	222 250	230 560	234 172	212 949	189 707	190 745	-0.40	-2.03
Solid fossil fuels	63 114	47 175	36 516	37 906	30 918	30 252	23 803	-3.83	-4.55
Crude oil & petroleum products	81 246	83 605	81 031	84 463	72 980	67 955	69 935	-0.60	-1.87
Gas	47 206	65 119	87 399	85 473	85 050	60 073	61 280	+1.05	-3.27
Nuclear heat	16 960	22 949	21 942	21 054	16 029	16 444	18 146	+0.27	-1.48
Renewable energies	1 029	1 836	2 264	3 905	7 277	12 357	14 740	+11.24	+14.21
Non-renewable wastes	58	164	189	656	466	861	1 041	+12.25	+4.73
Transformation input	173 594	178 139	177 780	178 989	157 260	133 287	129 767	-1.16	-3.16
Conventional thermal power stations	56 819	52 012	56 099	61 714	58 539	46 633	42 046	-1.20	-3.76
Nuclear power stations	16 960	22 949	21 942	21 054	16 029	16 444	18 146	+0.27	-1.48
District heating plants			3 202	2 136	2 285	2 308	2 261		+0.57
Coke-ovens	7 325	5 765	5 861	4 111	3 955	3 606	2 704	-3.91	-4.10
Blast-furnaces	1 505	1 653	1 526	1 393	981	1 323	1 215	-0.85	-1.36
Refineries	90 436	95 204	88 821	88 413	75 226	62 734	63 184	-1.42	-3.30
BKB / PB plants									
Transformation output	126 079	130 844	130 202	128 512	112 705	94 168	92 722	-1.22	-3.21
Conventional thermal power stations	21 220	20 490	24 358	26 309	26 021	19 746	18 216	-0.61	-3.61
Nuclear power stations	5 653	7 650	7 314	7 018	5 343	5 481	6 049	+0.27	-1.48
District heating plants			2 439	1 366	1 361	1 445	1 422		+0.41
Coke-ovens	6 931	5 266	5 412	3 842	3 570	3 267	2 494	-4.01	-4.23
Blast-furnaces	1 505	1 653	1 526	1 393	981	1 323	1 215	-0.85	-1.36
Refineries	90 422	95 197	88 778	88 404	75 208	62 714	63 164	-1.42	-3.31
BKB / PB plants									
<i>of which: electricity</i>	26 874	28 139	31 672	33 327	31 364	25 227	24 264	-0.41	-3.12
<i>of which: derived heat</i>			2 439	1 366	1 361	1 445	1 422		+0.41
Exchanges, transfers and returns	20	9	184	14	- 3	- 10	13		
Consumption of the energy branch	12 748	14 503	14 910	16 092	13 365	10 735	11 291	-0.48	-3.48
Distribution losses	3 526	3 355	4 425	3 455	3 441	3 101	3 229	-0.35	-0.68
Energy available for final consumption	146 871	157 106	163 832	164 163	151 585	136 743	139 193	-0.21	-1.64
Solid fossil fuels	11 977	8 146	5 179	4 369	4 321	5 049	4 430	-3.90	+0.14
Gas/Diesel Oil (w/o bio)	19 608	21 911	24 035	26 254	25 703	27 284	28 510	+1.51	+0.83
Motor Gasoline (w/o bio)	26 172	23 788	23 658	19 969	15 520	13 075	12 696	-2.85	-4.43
Kerosene Type Jet Fuel	6 864	8 055	11 375	13 221	11 779	11 877	11 667	+2.14	-1.24
Naphtha	2 378	3 021	1 900	2 339	1 013	878	1 415	-2.06	-4.90
LPG	2 847	2 774	3 079	3 520	3 368	2 794	3 305	+0.60	-0.63
All other oil & petroleum products	9 778	13 305	9 726	11 538	9 478	7 758	7 836	-0.88	-3.80
Natural gas	41 722	48 189	52 706	50 469	47 510	36 654	37 830	-0.39	-2.84
Derived gases	1 501	1 643	746	526	439	475	407	-5.08	-2.53
Solid biomass & charcoal	303	774	498	390	1 534	2 193	2 591	+8.96	+20.84
Liquid biofuels				69	1 150	1 168	933		+29.82
All other renewable energies	95	96	87	116	128	176	242	+3.83	+7.65
Non-renewable wastes	29	61	45	116	90	144	138	+6.46	+1.76
Electricity	23 597	25 342	28 360	29 998	28 285	26 055	26 040	+0.39	-1.40
Derived heat			2 439	1 268	1 266	1 160	1 152		-0.95
Statistical difference	- 852	1 960	- 734	42	448	464	113		
Final non-energy consumption	10 829	12 492	11 330	11 365	7 912	6 655	7 710	-1.35	-3.81
Final energy consumption	136 894	142 654	153 236	152 755	143 224	129 623	131 370	-0.16	-1.50
Industry	34 639	34 873	36 930	33 325	26 779	25 108	24 731	-1.34	-2.94
Transport	46 154	47 673	52 895	55 492	51 493	51 134	51 766	+0.46	-0.69
<i>Road transport</i>	36 987	37 331	39 464	40 095	37 943	37 666	38 181	+0.13	-0.49
<i>Domestic & International aviation</i>	6 796	7 895	11 156	13 125	11 673	11 797	11 945	+2.28	-0.94
Other sectors	56 101	60 108	63 411	63 938	64 952	53 381	54 873	-0.09	-1.52
<i>Services</i>	12 893	16 315	16 860	16 750	17 475	16 067	16 275	+0.94	-0.29
<i>Residential</i>	37 370	39 338	43 034	44 238	45 465	35 294	36 481	-0.10	-1.91

Source: Eurostat (nrg_100a)

Iceland, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	4 917					4 917			
+ Primary production receipt									
+ Other sources (recovered products)	2		2						
+ Recycled products									
+ Imports	961	94	853			13			
+ Stock changes	- 21		- 21						
- Exports									
- Bunkers	47		47						
- Direct use	2		2						
Gross inland consumption	5 809	94	785			4 931			
Transformation input	3 635		1			3 616		18	
+ Conventional thermal power stations	2 998		1			2 997			
+ Nuclear power stations									
+ District heating plants	637					619		18	
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	1 066							431	635
+ Conventional thermal power stations	595							431	164
+ Nuclear power stations									
+ District heating plants	471								471
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	1		1			- 1 186		1 186	
Consumption of the energy branch	67							67	
Distribution losses	126					8		50	68
Available for final consumption	3 048	94	785			120		1 482	567
Statistical difference	- 30		- 1			25		- 21	- 33
Final non-energy consumption	20		20						
Final energy consumption	3 058	94	766			95		1 502	601
+ Industry	1 461	94	41			14		1 301	12
+ Iron and Steel	191	94	7					90	
+ Chemical and Petrochemical	7							7	
+ Non-ferrous metals	1 142		1					1 140	
+ Non-metallic minerals	2							2	
+ Transport eEquipment	1							1	
+ Machinery	1							1	
+ Mining and Quarrying	0							0	
+ Food, Beverages and Tobacco	58		4					53	
+ Paper, Pulp and Printing	1							1	
+ Wood and Wood products	0							0	
+ Construction	27		25					3	
+ Textile and Leather	0							0	
+ Not elsewhere specified (Industry)	31		4			14		1	12
+ Transport	521		506			13		2	
+ Rail									
+ Road	284		271			13			
+ International aviation	220		220						
+ Domestic aviation	7		7						
+ Domestic navigation	8		8						
+ Pipeline transport									
+ Not elsewhere specified (Transport)	2							2	
+ Other sectors	1 076		219			67		200	589
+ Commercial and public services	397					38		105	254
+ Residential	392		3			13		71	306
+ Agriculture / Forestry	39		6			6		20	7
+ Fishing	243		205			11		4	22
+ Not elsewhere specified (Other)	5		5						

Source: Eurostat (nrg_100a)

Iceland	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	1 620	1 562	2 414	2 384	4 791	5 222	4 917	+4.54	+7.51
Solid fossil fuels									
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies	1 620	1 561	2 413	2 384	4 790	5 222	4 917	+4.54	+7.51
Non-renewable wastes		1	1	1	0				
Net imports	797	806	1 042	1 070	1 093	851	961	+0.75	-1.07
Solid fossil fuels	65	56	100	101	88	88	94	+1.46	-0.69
Crude oil & other hydrocarbons									
Petroleum products	731	750	943	969	1 005	756	853	+0.62	-1.27
Natural gas									
Renewable energies					0	7	13		
Gross inland consumption	2 388	2 321	3 348	3 370	5 861	6 057	5 809	+3.62	+5.60
Solid fossil fuels	65	56	100	101	91	88	94	+1.46	-0.69
Crude oil & petroleum products	702	704	835	884	978	741	785	+0.45	-1.19
Gas									
Nuclear heat									
Renewable energies	1 620	1 561	2 413	2 384	4 791	5 228	4 931	+4.55	+7.54
Non-renewable wastes		1	1	1	0				
Transformation input	1 173	1 078	1 780	1 681	3 617	4 007	3 635	+4.63	+8.02
Conventional thermal power stations	769	703	1 350	1 268	3 004	3 399	2 998	+5.59	+8.99
Nuclear power stations									
District heating plants	404	375	430	413	614	608	637	+1.84	+4.43
Coke-ovens									
Blast-furnaces									
Refineries									
BKB / PB plants									
Transformation output	404	430	550	615	899	1 004	1 066	+3.96	+5.66
Conventional thermal power stations	133	138	235	273	521	590	595	+6.17	+8.11
Nuclear power stations									
District heating plants	270	293	315	342	377	414	471	+2.25	+3.26
Coke-ovens									
Blast-furnaces									
Refineries									
BKB / PB plants									
<i>of which: electricity</i>	26	26	114	143	384	451	431	+11.83	+11.63
<i>of which: derived heat</i>	377	405	436	472	515	554	635	+2.11	+3.03
Exchanges, transfers and returns							1		
Consumption of the energy branch	5	20	24	29	40	72	67	+10.68	+8.83
Distribution losses	81	79	82	92	125	116	126	+1.79	+3.16
Energy available for final consumption	1 532	1 575	2 012	2 183	2 977	2 866	3 048	+2.79	+3.40
Solid fossil fuels	65	56	100	101	91	88	94	+1.46	-0.69
Gas/Diesel Oil (w/o bio)	300	296	350	375	292	295	327	+0.34	-1.36
Motor Gasoline (w/o bio)	142	146	153	160	159	142	142	0	-1.20
Kerosene Type Jet Fuel	81	75	141	140	131	194	226	+4.18	+4.93
Naphtha									
LPG	1	1	2	2	3	2	3	+4.49	+4.14
All other oil & petroleum products	177	183	187	207	392	107	87	-2.79	-8.26
Natural gas									
Derived gases									
Solid biomass & charcoal									
Liquid biofuels					0	6	13		
All other renewable energies	93	92	97	108	99	117	107	+0.56	-0.12
Non-renewable wastes									
Electricity	336	366	594	671	1 351	1 426	1 482	+6.11	+8.25
Derived heat	336	360	388	420	458	489	567	+2.12	+3.06
Statistical difference	57	14	15	15	- 1	- 62	- 30		
Final non-energy consumption	65	72	126	160	335	13	20	-4.61	-18.77
Final energy consumption	1 410	1 490	1 871	2 008	2 644	2 915	3 058	+3.15	+4.29
Industry	382	401	673	740	1 301	1 432	1 461	+5.51	+7.04
Transport	288	276	348	364	410	464	521	+2.40	+3.65
<i>Road transport</i>	185	189	202	217	269	263	284	+1.74	+2.72
<i>Domestic & International aviation</i>	84	76	142	141	130	195	227	+4.04	+4.90
Other sectors	740	812	850	904	932	1 018	1 076	+1.51	+1.75
<i>Services</i>	195	212	244	272	303	364	397	+2.87	+3.82
<i>Residential</i>	282	293	311	335	378	385	392	+1.33	+1.59

Source: Eurostat (nrg_100a)

Norway, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	207 786	742	91 413	102 125		13 267	239		
+ Primary production receipt									
+ Other sources (recovered products)									
+ Recycled products									
+ Imports	8 108	756	6 533	13		173		634	
+ Stock changes	- 496	77	- 595	21					
- Exports	185 175	754	85 740	96 769		18		1 893	
- Bunkers	191		191						
- Direct use									
Gross inland consumption	30 031	821	11 420	5 389		13 421	239	- 1 259	
Transformation input	18 862	98	17 563	393		380	229	76	124
+ Conventional thermal power stations	855	17	3	383		160	167		124
+ Nuclear power stations									
+ District heating plants	378		12	10		220	61	76	
+ Coke ovens									
+ Blast furnaces	81	81							
+ Gas works									
+ Refineries	17 548		17 548						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	18 578		17 547	81				300	650
+ Conventional thermal power stations	533							300	233
+ Nuclear power stations									
+ District heating plants	418								418
+ Coke ovens									
+ Blast furnaces	81			81					
+ Gas works									
+ Refineries	17 547		17 547						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	408		408			- 12 075		12 075	
Consumption of the energy branch	5 823		1 086	3 985				751	
Distribution losses	873			2		13		765	93
Available for final consumption	23 458	722	10 726	1 090		952	10	9 524	434
Statistical difference	2 257	57	2 142	59		- 0			
Final non-energy consumption	2 489	55	1 884	550					
Final energy consumption	18 712	610	6 700	481		953	10	9 524	434
+ Industry	5 909	610	782	321		259	10	3 878	49
+ Iron and Steel	820	319	19	44		1		437	0
+ Chemical and Petrochemical	1 450	220	345	116		80	3	671	14
+ Non-ferrous metals	1 806		23	29				1 753	1
+ Non-metallic minerals	296	71	60	53		27	7	77	0
+ Transport eEquipment	42		5	1		0		34	2
+ Machinery	117		11	2		0		99	3
+ Mining and Quarrying	100		55	4				42	0
+ Food, Beverages and Tobacco	402		71	57		2		256	16
+ Paper, Pulp and Printing	386		7	8		64		302	6
+ Wood and Wood products	145		7	3		74		54	6
+ Construction	283		168	1		5		110	
+ Textile and Leather	10		2	1				7	0
+ Not elsewhere specified (Industry)	53		8	2		6		37	0
+ Transport	5 469		5 130	115		150		74	
+ Rail	72		14					58	
+ Road	3 761		3 584	10		150		16	
+ International aviation	497		497						
+ Domestic aviation	414		414						
+ Domestic navigation	620		620						
+ Pipeline transport									
+ Not elsewhere specified (Transport)	105			105					
+ Other sectors	7 334		788	45		544		5 572	385
+ Commercial and public services	2 704		139	20		55		2 196	294
+ Residential	3 881		98	3		484		3 206	89
+ Agriculture / Forestry	304		132	13		5		153	1
+ Fishing	366		349					17	
+ Not elsewhere specified (Other)	79		71	8					

Source: Eurostat (nrg_100a)

Norway	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	119 286	184 608	227 456	224 178	207 949	196 650	207 786	+2.24	-0.76
Solid fossil fuels	203	196	424	987	1 299	1 124	742	+5.32	-2.81
Crude oil & other hydrocarbons	83 487	144 567	167 193	135 092	99 780	87 382	91 413	+0.36	-3.83
Natural gas	24 148	28 258	46 282	75 040	95 208	94 990	102 125	+5.94	+3.13
Nuclear heat									
Renewable energies	11 394	11 528	13 481	12 956	11 520	12 930	13 267	+0.61	+0.24
Non-renewable wastes	54	58	75	103	142	224	239	+6.13	+8.79
Net imports	- 95 574	- 159 606	- 199 815	- 195 956	- 173 253	- 168 587	- 177 067	+2.50	-1.01
Solid fossil fuels	668	859	600	- 412	- 383	- 259	1	-21.84	
Crude oil & other hydrocarbons	- 67 742	- 129 783	- 150 860	- 112 254	- 77 534	- 65 123	- 66 247	-0.09	-5.14
Petroleum products	- 4 960	- 5 315	- 5 784	- 11 306	- 8 650	- 11 944	- 12 960	+3.92	+1.37
Natural gas	- 22 172	- 24 797	- 42 137	- 70 969	- 87 490	- 90 050	- 96 757	+6.07	+3.15
Renewable energies		2	5	21	155	129	154		+22.18
Gross inland consumption	21 421	23 793	26 432	27 170	34 332	28 406	30 031	+1.36	+1.01
Solid fossil fuels	863	1 024	1 051	776	763	850	821	-0.20	+0.57
Crude oil & petroleum products	8 502	8 293	9 313	10 279	13 349	10 673	11 420	+1.19	+1.06
Gas	1 976	3 461	4 145	4 071	7 753	4 939	5 389	+4.09	+2.84
Nuclear heat									
Renewable energies	11 394	11 530	13 486	12 976	11 675	13 059	13 421	+0.66	+0.34
Non-renewable wastes	54	58	75	103	142	224	239	+6.13	+8.79
Transformation input	13 722	13 784	15 971	16 605	15 992	16 384	18 862	+1.28	+1.28
Conventional thermal power stations	146	184	167	257	1 045	861	855	+7.33	+12.77
Nuclear power stations									
District heating plants	95	104	125	188	359	351	378	+5.70	+7.26
Coke-ovens									
Blast-furnaces	39	40	49	44	59	85	81	+2.96	+6.26
Refineries	13 442	13 456	15 631	16 116	14 528	15 088	17 548	+1.07	+0.85
BKB / PB plants									
Transformation output	13 671	13 747	15 936	16 551	15 589	16 102	18 578	+1.23	+1.16
Conventional thermal power stations	77	119	110	174	622	524	533	+8.07	+11.83
Nuclear power stations									
District heating plants	118	127	143	221	392	405	418	+5.18	+6.58
Coke-ovens									
Blast-furnaces	39	40	49	44	59	85	81	+2.96	+6.26
Refineries	13 437	13 461	15 634	16 112	14 516	15 089	17 547	+1.07	+0.86
BKB / PB plants									
<i>of which: electricity</i>	40	60	57	91	482	307	300	+8.39	+12.69
<i>of which: derived heat</i>	155	185	196	304	532	622	650	+5.92	+7.90
Exchanges, transfers and returns	77	81	82	422	419	437	408		
Consumption of the energy branch	3 043	4 433	4 097	4 833	5 104	5 250	5 823	+2.63	+1.88
Distribution losses	626	869	1 043	917	945	751	873	+1.34	-0.49
Energy available for final consumption	17 779	18 534	21 338	21 788	28 299	22 559	23 458	+1.12	+0.74
Solid fossil fuels	810	963	987	715	686	749	722	-0.45	+0.10
Gas/Diesel Oil (w/o bio)	2 788	2 817	3 634	4 424	4 736	4 472	4 708	+2.12	+0.62
Motor Gasoline (w/o bio)	2 052	2 112	2 105	1 673	1 865	1 460	1 494	-1.26	-1.13
Kerosene Type Jet Fuel	600	701	748	706	787	1 027	957	+1.89	+3.09
Naphtha	54	- 450	651	1 470	1 844	585	- 128		
LPG	901	809	707	1 168	1 493	1 109	1 239	+1.28	+0.59
All other oil & petroleum products	1 253	1 545	548	404	2 107	1 695	2 456	+2.73	+19.76
Natural gas			1 169	351	3 303	738	1 026		+11.30
Derived gases	25	22	31	22	37	70	64	+3.87	+11.37
Solid biomass & charcoal	898	972	1 165	1 063	1 128	721	776	-0.58	-3.09
Liquid biofuels					116	128	141		
All other renewable energies		16	30	38	35	19	35		-0.72
Non-renewable wastes			16	23	22	10	10		-7.72
Electricity	8 324	8 922	9 418	9 521	9 755	9 374	9 524	+0.54	+0.00
Derived heat	74	105	128	209	384	402	434	+7.30	+7.60
Statistical difference	- 150	- 497	1 099	894	6 400	1 720	2 257		
Final non-energy consumption	1 841	2 086	2 146	2 313	2 297	2 382	2 489	+1.21	+0.73
Final energy consumption	16 087	16 945	18 094	18 580	19 602	18 457	18 712	+0.61	+0.07
Industry	6 093	6 102	6 946	6 782	6 123	5 850	5 909	-0.12	-1.37
Transport	3 834	4 264	4 426	4 747	5 331	5 364	5 469	+1.43	+1.43
Road transport	2 597	2 960	2 973	3 237	3 613	3 642	3 761	+1.49	+1.51
Domestic & International aviation	505	569	660	613	780	916	911	+2.39	+4.05
Other sectors	6 161	6 579	6 722	7 052	8 147	7 243	7 334	+0.70	+0.39
Services	2 045	2 033	2 124	2 280	2 807	2 642	2 704	+1.12	+1.72
Residential	3 605	3 864	3 825	3 875	4 424	3 816	3 881	+0.30	+0.01

Source: Eurostat (nrg_100a)

Montenegro, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	716	390				326			
+ Primary production receipt									
+ Other sources (recovered products)									
+ Recycled products									
+ Imports	399	1	307			2		89	
+ Stock changes	7		7						
- Exports	93	13	17			19		44	
- Bunkers									
- Direct use									
Gross inland consumption	1 030	378	297			309		45	
Transformation input	377	367				11			
+ Conventional thermal power stations	367	367							
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants	11					11			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	130							130	
+ Conventional thermal power stations	130							130	
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns						- 128		128	
Consumption of the energy branch	11							11	
Distribution losses	50							50	
Available for final consumption	721	11	297			170		242	
Statistical difference	11		- 0					11	
Final non-energy consumption	28		28						
Final energy consumption	682	11	270			170		230	
+ Industry	132	7	50			9		66	
+ Iron and Steel	11	5	2			0		4	
+ Chemical and Petrochemical	5		2			2		1	
+ Non-ferrous metals	55							55	
+ Non-metallic minerals	3		2			0		0	
+ Transport eEquipment									
+ Machinery	3	0	2			1		1	
+ Mining and Quarrying	4		4					0	
+ Food, Beverages and Tobacco	20	1	10			6		3	
+ Paper, Pulp and Printing	0							0	
+ Wood and Wood products	10	0	9			0		1	
+ Construction									
+ Textile and Leather	0					0		0	
+ Not elsewhere specified (Industry)	20	0	18			0		1	
+ Transport	207		204					3	
+ Rail	2							2	
+ Road	182		182						
+ International aviation	19		19						
+ Domestic aviation									
+ Domestic navigation	3		3						
+ Pipeline transport									
+ Not elsewhere specified (Transport)	1							1	
+ Other sectors	344	5	17			161		162	
+ Commercial and public services	70	2	8			6		54	
+ Residential	266	3	1			155		107	
+ Agriculture / Forestry	8		7					1	
+ Fishing									
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Montenegro	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production				593	826	692	716		+1.91
Solid fossil fuels				287	426	364	390		+3.12
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies				306	399	328	326		+0.65
Non-renewable wastes									
Net imports				436	297	291	306		-3.47
Solid fossil fuels				- 6	- 12	- 5	- 12		+6.79
Crude oil & other hydrocarbons									
Petroleum products				291	311	286	291		-0.00
Natural gas									
Renewable energies				- 2	- 2	- 12	- 18		+21.94
Gross inland consumption				1 035	1 128	975	1 030		-0.05
Solid fossil fuels				287	420	359	378		+2.82
Crude oil & petroleum products				291	311	278	297		+0.23
Gas									
Nuclear heat									
Renewable energies				304	397	316	309		+0.17
Non-renewable wastes									
Transformation input				265	409	352	377		+3.61
Conventional thermal power stations				265	409	351	367		+3.31
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries									
BKB / PB plants									
Transformation output				86	109	122	130		+4.24
Conventional thermal power stations				86	109	122	130		+4.24
Nuclear power stations									
District heating plants									
Coke-ovens									
Blast-furnaces									
Refineries									
BKB / PB plants									
<i>of which: electricity</i>				86	109	122	130		+4.24
<i>of which: derived heat</i>									
Exchanges, transfers and returns									
Consumption of the energy branch				12	15	12	11		-0.37
Distribution losses				67	57	59	50		-2.75
Energy available for final consumption				777	756	674	721		-0.76
Solid fossil fuels				22	11	7	11		-6.21
Gas/Diesel Oil (w/o bio)				104	178	173	188		+6.08
Motor Gasoline (w/o bio)				55	61	37	38		-3.61
Kerosene Type Jet Fuel				14	2	18	19		+3.31
Naphtha									
LPG				11	20	18	20		+6.05
All other oil & petroleum products				104	48	31	32		-11.06
Natural gas									
Derived gases									
Solid biomass & charcoal				143	161	165	170		+1.73
Liquid biofuels									
All other renewable energies						0	0		
Non-renewable wastes									
Electricity				324	276	224	242		-2.89
Derived heat									
Statistical difference				- 0	- 0	- 0	11		
Final non-energy consumption				18	40	28	28		+4.11
Final energy consumption				759	717	647	682		-1.07
Industry				336	199	133	132		-8.94
Transport				172	232	182	207		+1.85
Road transport				154	227	158	182		+1.65
Domestic & International aviation				14	2	18	19		+3.31
Other sectors				251	285	332	344		+3.18
Services				3	5	68	70		+38.63
Residential				243	275	257	266		+0.88

Source: Eurostat (nrg_100a)

FYR of Macedonia, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	1 276	876				399			
+ Primary production receipt									
+ Other sources (recovered products)									
+ Recycled products									
+ Imports	1 588	85	1 143	112		20		228	
+ Stock changes	2	- 3	0	- 0		6			
- Exports	169	2	152			3		12	
- Bunkers									
- Direct use									
Gross inland consumption	2 698	957	991	112		422		216	
Transformation input	990	871	37	80		2			
+ Conventional thermal power stations	946	871	37	35		2			
+ Nuclear power stations									
+ District heating plants	45			45					
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	365							313	52
+ Conventional thermal power stations	323							313	11
+ Nuclear power stations									
+ District heating plants	42								42
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns						- 173		173	
Consumption of the energy branch	45		2			0		43	0
Distribution losses	96			1		1		89	6
Available for final consumption	1 931	85	952	31		247		570	46
Statistical difference	- 13	- 13	- 0			0		- 0	
Final non-energy consumption	62		62						
Final energy consumption	1 882	98	890	31		246		570	46
+ Industry	475	96	175	26		6		170	3
+ Iron and Steel	280	93	61	16		0		106	3
+ Chemical and Petrochemical	9		3	1				6	
+ Non-ferrous metals	2		1					1	
+ Non-metallic minerals	68	1	58	1		0		9	
+ Transport eEquipment	7			2				5	
+ Machinery	7	1	2	0		0		4	
+ Mining and Quarrying	29		13			0		15	
+ Food, Beverages and Tobacco	39		17	5		4		13	
+ Paper, Pulp and Printing	1			0				1	
+ Wood and Wood products	0					0		0	
+ Construction	15		13			0		2	
+ Textile and Leather	12	2	6	0		0		4	
+ Not elsewhere specified (Industry)	4			0		0		4	
+ Transport	631		630	0				1	
+ Rail	4		2					1	
+ Road	613		613	0					
+ International aviation	15		15						
+ Domestic aviation									
+ Domestic navigation									
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	775	2	85	5		241		398	43
+ Commercial and public services	208	0	61	5		6		125	11
+ Residential	543	1	12	0		228		270	32
+ Agriculture / Forestry	24	1	13			7		3	
+ Fishing									
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

FYR of Macedonia	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	1 257	1 595	1 535	1 632	1 607	1 331	1 276	+0.06	-2.43
Solid fossil fuels	1 215	1 325	1 212	1 289	1 194	986	876	-1.30	-3.78
Crude oil & other hydrocarbons									
Natural gas									
Nuclear heat									
Renewable energies	42	270	322	343	413	345	399	+9.40	+1.53
Non-renewable wastes									
Net imports	1 161	1 039	1 060	1 199	1 216	1 403	1 419	+0.81	+1.70
Solid fossil fuels	97	67	94	116	123	120	84	-0.59	-3.22
Crude oil & other hydrocarbons	1 193	149	766	930	809				
Petroleum products	- 137	813	128	- 47	62	911	991		
Natural gas			54	62	96	111	112		+6.01
Renewable energies			8	- 1	4	7	17		
Gross inland consumption	2 432	2 527	2 658	2 869	2 825	2 707	2 698	+0.42	-0.61
Solid fossil fuels	1 326	1 425	1 344	1 462	1 303	1 084	957	-1.30	-4.15
Crude oil & petroleum products	1 057	822	921	862	890	904	991	-0.26	+1.40
Gas			54	63	96	111	112		+5.96
Nuclear heat									
Renewable energies	42	270	329	345	414	353	422	+9.64	+2.03
Non-renewable wastes									
Transformation input	2 558	1 584	2 485	2 585	2 109	1 093	990	-3.72	-9.15
Conventional thermal power stations	1 311	1 301	1 353	1 331	1 215	1 052	946	-1.30	-3.36
Nuclear power stations									
District heating plants	53	171	187	84	54	40	45	-0.65	-6.11
Coke-ovens									
Blast-furnaces									
Refineries	1 195	112	945	1 170	841	1			
BKB / PB plants									
Transformation output	1 759	703	1 606	1 720	1 320	399	365	-6.10	-14.36
Conventional thermal power stations	519	462	507	473	427	360	323	-1.87	-3.73
Nuclear power stations									
District heating plants	46	130	155	78	53	38	42	-0.41	-6.07
Coke-ovens									
Blast-furnaces									
Refineries	1 194	112	944	1 169	840	1			
BKB / PB plants									
<i>of which: electricity</i>	453	458	485	469	415	351	313	-1.47	-3.96
<i>of which: derived heat</i>	112	133	177	82	65	47	52	-3.00	-4.44
Exchanges, transfers and returns			0	0	0	- 0			
Consumption of the energy branch	45	44	70	78	78	48	45	-0.05	-5.39
Distribution losses	48	82	103	146	121	99	96	+2.85	-4.07
Energy available for final consumption	1 540	1 520	1 605	1 781	1 836	1 865	1 931	+0.91	+0.81
Solid fossil fuels	110	117	101	135	119	108	85	-1.00	-4.46
Gas/Diesel Oil (w/o bio)	261	225	300	348	406	479	556	+3.07	+4.79
Motor Gasoline (w/o bio)	173	222	154	123	130	107	109	-1.82	-1.18
Kerosene Type Jet Fuel	5	21	29	6	7	12	15	+4.25	+8.78
Naphtha									
LPG	54	13	33	51	70	69	78	+1.51	+4.37
All other oil & petroleum products	416	176	159	245	220	196	194	-3.00	-2.32
Natural gas			7	50	42	34	31		-4.50
Derived gases									
Solid biomass & charcoal		187	204	206	193	235	239		+1.47
Liquid biofuels					0	0	0		
All other renewable energies		13	15	9	10	6	7		-1.97
Non-renewable wastes									
Electricity	412	434	448	535	583	579	570	+1.30	+0.63
Derived heat	109	113	155	72	54	40	46	-3.38	-4.36
Statistical difference	20	1	- 4	2	4	5	- 13		
Final non-energy consumption	82	45	16	36	35	50	62	-1.08	+5.76
Final energy consumption	1 438	1 473	1 594	1 744	1 797	1 810	1 882	+1.08	+0.76
Industry	746	487	534	580	543	518	475	-1.79	-1.98
Transport	269	335	361	350	461	550	631	+3.46	+6.07
<i>Road transport</i>	255	298	326	340	448	532	613	+3.58	+6.08
<i>Domestic & International aviation</i>	5	32	29	6	7	12	15	+4.25	+8.78
Other sectors	423	651	699	814	793	742	775	+2.45	-0.48
<i>Services</i>	40	67	143	239	234	196	208	+6.82	-1.34
<i>Residential</i>	300	444	480	540	538	524	543	+2.40	+0.06

Source: Eurostat (nrg_100a)

Albania, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	2 071	34	1 276	27		733			
+ Primary production receipt									
+ Other sources (recovered products)	4		4						
+ Recycled products									
+ Imports	1 527	61	1 232			32		202	
+ Stock changes	- 134		- 134						
- Exports	1 245		1 152			11		82	
- Bunkers	20		20						
- Direct use	4		4						
Gross inland consumption	2 199	95	1 202	27		754		120	
Transformation input	275		275						
+ Conventional thermal power stations									
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	275		275						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	275		275						
+ Conventional thermal power stations									
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries	275		275						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns						- 507		507	
Consumption of the energy branch	44		15	16				13	
Distribution losses	107							107	
Available for final consumption	2 047	95	1 187	11		247		507	
Statistical difference	1		1			- 0			
Final non-energy consumption	81		81						
Final energy consumption	1 966	95	1 105	11		247		507	
+ Industry	302	92	81	11		11		107	
+ Iron and Steel	18		3					15	
+ Chemical and Petrochemical	15		7					8	
+ Non-ferrous metals	8							8	
+ Non-metallic minerals	136	92	36					8	
+ Transport eEquipment									
+ Machinery									
+ Mining and Quarrying	9							9	
+ Food, Beverages and Tobacco	60		17	8		11		25	
+ Paper, Pulp and Printing	11		1					10	
+ Wood and Wood products	1							1	
+ Construction	9		1					8	
+ Textile and Leather	13		1					12	
+ Not elsewhere specified (Industry)	21		15	3				3	
+ Transport	831		801			30			
+ Rail	2		2						
+ Road	793		763			30			
+ International aviation	2		2						
+ Domestic aviation									
+ Domestic navigation	34		34						
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	832	3	223			206		400	
+ Commercial and public services	197	3	48			28		118	
+ Residential	532		92			166		274	
+ Agriculture / Forestry	72		52			12		8	
+ Fishing	31		31						
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Albania	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	2 381	1 211	969	1 097	1 572	1 876	2 071	-0.56	+6.56
Solid fossil fuels	487	19	7	11	2		34	-10.12	+12.31
Crude oil & other hydrocarbons	1 083	492	297	383	696	1 231	1 276	+0.66	+12.79
Natural gas	203	23	9	9	12	25	27	-7.71	+11.76
Nuclear heat									
Renewable energies	608	677	656	694	862	621	733	+0.75	+0.55
Non-renewable wastes									
Net imports	171	89	846	1 119	654	809	282	+2.02	-12.86
Solid fossil fuels	143		10	2	109	86	61	-3.32	+39.96
Crude oil & other hydrocarbons					- 466	- 906	- 985		
Petroleum products	11	95	751	1 085	1 093	1 322	1 065	+20.18	-0.18
Natural gas									
Renewable energies			- 2			43	21		
Gross inland consumption	2 592	1 300	1 814	2 216	2 142	2 345	2 199	-0.66	-0.08
Solid fossil fuels	630	19	17	13	111	86	95	-7.28	+22.29
Crude oil & petroleum products	1 133	587	1 048	1 468	1 239	1 306	1 202	+0.24	-1.98
Gas	203	23	9	9	12	25	27	-7.71	+11.76
Nuclear heat									
Renewable energies	608	677	654	694	862	663	754	+0.86	+0.83
Non-renewable wastes									
Transformation input	1 464	576	361	427	152	325	275	-6.46	-4.29
Conventional thermal power stations	161	81	62	44	5				
Nuclear power stations									
District heating plants			3						
Coke-ovens	40								
Blast-furnaces	8								
Refineries	1 103	492	297	383	147	325	275	-5.40	-3.25
BKB / PB plants	151	3							
Transformation output	1 309	522	318	389	147	324	275	-6.05	-3.38
Conventional thermal power stations	47	28	19	6	0				
Nuclear power stations									
District heating plants			2						
Coke-ovens	25								
Blast-furnaces	8								
Refineries	1 102	491	296	382	147	324	275	-5.39	-3.23
BKB / PB plants	128	3							
<i>of which: electricity</i>	39	23	16	6	0				
<i>of which: derived heat</i>	8	5	5						
Exchanges, transfers and returns									
Consumption of the energy branch	91	65	41	67	32	62	44	-2.86	-4.14
Distribution losses	145	196	113	54	82	96	107	-1.19	+7.13
Energy available for final consumption	2 202	985	1 617	2 056	2 023	2 186	2 047	-0.29	-0.04
Solid fossil fuels	584	18	11	13	111	86	95	-7.00	+22.29
Gas/Diesel Oil (w/o bio)	244	108	479	690	664	770	762	+4.65	+0.99
Motor Gasoline (w/o bio)	64	141	107	192	125	127	125	+2.74	-4.19
Kerosene Type Jet Fuel			41	59	17	8	2		-28.47
Naphtha						9			
LPG			27	64	110	133	150		+8.84
All other oil & petroleum products	583	199	308	367	297	229	148	-5.34	-8.70
Natural gas	203	23	1	0	1	7	11	-10.96	+84.90
Derived gases	8								
Solid biomass & charcoal	363	316	258	230	205	193	204	-2.27	-1.18
Liquid biofuels						52	30		
All other renewable energies			1	2	7	12	12		+18.36
Non-renewable wastes									
Electricity	153	179	382	439	486	559	507	+4.91	+1.45
Derived heat			2						
Statistical difference	8	5	21	32	- 2	27	1		
Final non-energy consumption	267	31	65	123	110	92	81	-4.66	-4.09
Final energy consumption	1 926	949	1 532	1 901	1 915	2 067	1 966	+0.08	+0.33
Industry	683	188	269	211	355	373	302	-3.21	+3.67
Transport	233	213	525	843	750	842	831	+5.21	-0.14
<i>Road transport</i>	233	213	430	721	720	797	793	+5.02	+0.96
<i>Domestic & International aviation</i>			41	59	17	8	2		-28.47
Other sectors	1 010	548	738	847	810	852	832	-0.77	-0.18
<i>Services</i>		3	137	206	159	179	197		-0.45
<i>Residential</i>	528	474	376	517	489	556	532	+0.03	+0.29

Source: Eurostat (nrg_100a)

Serbia, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	10 709	7 201	1 067	456		1 984	1		
+ Primary production receipt	42		42						
+ Other sources (recovered products)	74		74						
+ Recycled products									
+ Imports	5 480	625	2 917	1 386		10		542	
+ Stock changes	- 32	- 71	125	- 91		5			
- Exports	1 471	8	775			67		621	
- Bunkers	25		25						
- Direct use	41		41						
Gross inland consumption	14 736	7 747	3 386	1 750		1 931	1	- 79	
Transformation input	11 706	7 309	3 587	778		31	1		
+ Conventional thermal power stations	6 929	6 741	1	181		6	1		
+ Nuclear power stations									
+ District heating plants	742	135	116	489		2			
+ Coke ovens									
+ Blast furnaces	173	173							
+ Gas works									
+ Refineries	3 470		3 470						
+ Patent fuel plants									
+ BKB/PB plants	259	259							
+ Charcoal production plants	23					23			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	109			109					
Transformation output	7 016	158	3 470	173		9		2 365	842
+ Conventional thermal power stations	2 576							2 365	211
+ Nuclear power stations									
+ District heating plants	631								631
+ Coke ovens									
+ Blast furnaces	173			173					
+ Gas works									
+ Refineries	3 470		3 470						
+ Patent fuel plants									
+ BKB/PB plants	158	158							
+ Charcoal production plants	9					9			
Exchanges, transfers and returns	- 2		- 2			- 868		868	
Consumption of the energy branch	798		202	167				381	48
Distribution losses	570	0		47		1		444	78
Available for final consumption	8 676	595	3 064	932		1 041		2 328	716
Statistical difference	- 94	- 102	8						
Final non-energy consumption	603	23	454	126					
Final energy consumption	8 167	674	2 602	806		1 041		2 328	716
+ Industry	2 305	447	352	495		134		638	238
+ Iron and Steel	405	203		129				62	12
+ Chemical and Petrochemical	364	25	62	85		3		78	110
+ Non-ferrous metals	73	9	3	19		1		31	10
+ Non-metallic minerals	352	101	131	63		1		55	1
+ Transport eEquipment	28			9		0		18	0
+ Machinery	111	3	31	11		6		58	1
+ Mining and Quarrying	101	7	23	0		0		71	
+ Food, Beverages and Tobacco	490	83	52	131		15		129	80
+ Paper, Pulp and Printing	91	6	3	24		13		30	15
+ Wood and Wood products	102		10	1		79		12	0
+ Construction	55	1	27					27	
+ Textile and Leather	53	5	8	9		7		23	1
+ Not elsewhere specified (Industry)	80	3	3	14		9		44	7
+ Transport	2 054		2 015	9				30	
+ Rail	39		9					30	
+ Road	1 940		1 933	7					
+ International aviation	64		64						
+ Domestic aviation									
+ Domestic navigation	8		8						
+ Pipeline transport	2			2					
+ Not elsewhere specified (Transport)									
+ Other sectors	3 809	227	235	303		907		1 659	478
+ Commercial and public services	824	65	72	135		53		423	76
+ Residential	2 832	162	61	151		847		1 209	402
+ Agriculture / Forestry	152		102	16		7		27	
+ Fishing									
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Serbia	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	13 704	12 217	11 828	10 210	10 523	9 389	10 709	-0.98	+0.48
Solid fossil fuels	10 172	8 850	8 351	7 461	7 229	5 713	7 201	-1.37	-0.35
Crude oil & other hydrocarbons	1 021	905	952	583	912	1 163	1 067	+0.18	+6.23
Natural gas	528	678	623	229	308	444	456	-0.58	+7.15
Nuclear heat									
Renewable energies	1 983	1 784	1 901	1 937	2 064	2 068	1 984	+0.00	+0.24
Non-renewable wastes					9	1	1		
Net imports	5 860	1 376	1 881	5 536	5 170	3 665	4 009	-1.51	-3.18
Solid fossil fuels		- 10	305	692	723	462	617		-1.15
Crude oil & other hydrocarbons	3 686	254	274	2 762	1 945	1 784	2 026	-2.37	-3.05
Petroleum products	287	495	201	630	962	226	117	-3.53	-15.52
Natural gas	2 060	671	910	1 718	1 567	1 111	1 386	-1.57	-2.13
Renewable energies			- 67	- 100	- 1	- 53	- 58		-5.39
Gross inland consumption	19 564	13 593	13 709	15 702	15 592	13 294	14 736	-1.13	-0.63
Solid fossil fuels	10 172	8 840	8 656	8 109	7 824	6 243	7 747	-1.08	-0.46
Crude oil & petroleum products	4 994	1 654	1 427	3 976	3 876	3 303	3 386	-1.54	-1.59
Gas	2 588	1 349	1 533	1 947	1 853	1 609	1 750	-1.55	-1.06
Nuclear heat									
Renewable energies	1 983	1 784	1 834	1 837	2 055	2 003	1 931	-0.11	+0.50
Non-renewable wastes					9	1	1		
Transformation input	15 350	10 619	9 600	12 270	11 058	9 948	11 706	-1.08	-0.47
Conventional thermal power stations	9 021	8 369	7 350	7 235	6 658	5 700	6 929	-1.05	-0.43
Nuclear power stations									
District heating plants	761	485	452	1 112	760	627	742	-0.10	-3.96
Coke-ovens									
Blast-furnaces				74	219	115	173		+8.82
Refineries	4 708	1 159	1 226	3 346	2 955	3 222	3 470	-1.21	+0.37
BKB / PB plants	860	606	573	503	466	156	259	-4.68	-6.42
Transformation output	8 500	3 892	3 854	6 984	6 547	6 137	7 016	-0.76	+0.05
Conventional thermal power stations	2 707	1 916	1 904	2 359	2 461	2 124	2 576	-0.20	+0.88
Nuclear power stations									
District heating plants	634	454	420	909	646	538	631	-0.02	-3.57
Coke-ovens									
Blast-furnaces				74	219	115	173		+8.82
Refineries	4 702	1 154	1 225	3 336	2 955	3 222	3 470	-1.21	+0.39
BKB / PB plants	458	369	305	307	266	129	158	-4.16	-6.41
<i>of which: electricity</i>	2 707	1 916	1 904	2 102	2 195	1 929	2 365	-0.54	+1.19
<i>of which: derived heat</i>	634	454	420	1 166	912	733	842	+1.14	-3.20
Exchanges, transfers and returns					- 3	- 1	- 2		
Consumption of the energy branch	238	314	366	327	698	628	798	+4.96	+9.34
Distribution losses	411	445	481	531	682	555	570	+1.32	+0.72
Energy available for final consumption	12 066	6 108	7 115	9 558	9 698	8 299	8 676	-1.31	-0.96
Solid fossil fuels	745	383	1 179	761	915	504	595	-0.89	-2.43
Gas/Diesel Oil (w/o bio)	966	589	500	1 334	1 535	1 601	1 585	+2.00	+1.74
Motor Gasoline (w/o bio)	680	416	357	1 074	518	423	430	-1.81	-8.74
Kerosene Type Jet Fuel	144	36	30	49	43	70	63	-3.23	+2.52
Naphtha	882		45	334	378	228	254	-4.85	-2.69
LPG	69	27	40	178	414	333	294	+5.95	+5.14
All other oil & petroleum products	1 717	407	235	506	455	420	437	-5.33	-1.46
Natural gas	2 362	889	1 159	1 238	1 147	767	870	-3.92	-3.47
Derived gases				3	74	47	62		+35.98
Solid biomass & charcoal	1 169	736	803	803	1 025	1 028	1 032	-0.50	+2.55
Liquid biofuels									
All other renewable energies					5	8	9		
Non-renewable wastes									
Electricity	2 781	2 171	2 347	2 207	2 370	2 249	2 328	-0.71	+0.54
Derived heat	551	454	420	1 071	818	621	716	+1.05	-3.95
Statistical difference	- 203	- 121	- 68	- 401	- 106	- 69	- 94		
Final non-energy consumption	426	171	242	387	808	526	603	+1.40	+4.52
Final energy consumption	11 842	6 057	6 941	9 572	8 997	7 841	8 167	-1.48	-1.57
Industry	4 610	1 597	2 172	3 507	2 597	2 068	2 305	-2.73	-4.11
Transport	1 668	966	825	2 255	2 280	2 115	2 054	+0.84	-0.93
<i>Road transport</i>	1 485	908	773	2 184	2 186	1 996	1 940	+1.07	-1.18
<i>Domestic & International aviation</i>	144	36	30	49	44	71	64	-3.17	+2.69
Other sectors	5 565	3 493	3 945	3 810	4 119	3 659	3 809	-1.51	-0.00
<i>Services</i>	60	25	26	587	909	739	824	+11.06	+3.45
<i>Residential</i>	2 934	2 565	3 127	3 114	3 091	2 760	2 832	-0.14	-0.94

Source: Eurostat (nrg_100a)

Turkey, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	31 412	12 798	2 566	314		15 674	59		
+ Primary production receipt									
+ Other sources (recovered products)	405		405						
+ Recycled products									
+ Imports	111 443	22 047	48 906	39 876				614	
+ Stock changes	- 2 020	- 125	- 1 603	- 293					
- Exports	8 652	170	7 693	514				275	
- Bunkers	836		836						
- Direct use	23		23						
Gross inland consumption	131 728	34 551	41 722	39 383		15 674	59	339	
Transformation input	76 246	23 860	30 680	18 279		3 252	59		116
+ Conventional thermal power stations	40 130	18 098	670	17 935		3 252	59		116
+ Nuclear power stations									
+ District heating plants									
+ Coke ovens	4 409	4 409							
+ Blast furnaces	1 353	1 353							
+ Gas works									
+ Refineries	30 011		30 011						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	343			343					
Transformation output	53 428	3 220	30 006	2 056				15 717	2 428
+ Conventional thermal power stations	18 030							15 717	2 312
+ Nuclear power stations									
+ District heating plants	116								116
+ Coke ovens	3 923	3 220		703					
+ Blast furnaces	1 353			1 353					
+ Gas works									
+ Refineries	30 006		30 006						
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns	49		49			- 6 792		6 792	
Consumption of the energy branch	4 936	206	1 768	1 724				1 237	
Distribution losses	3 144			3				3 141	
Available for final consumption	100 879	13 705	39 329	21 433		5 629		18 470	2 312
Statistical difference	692	640	270	- 186		- 33			
Final non-energy consumption	7 005		6 721	284					
Final energy consumption	93 182	13 065	32 337	21 335		5 662		18 470	2 312
+ Industry	28 784	7 291	992	9 218		283		8 687	2 312
+ Iron and Steel	6 427	2 681	50	1 917				1 779	
+ Chemical and Petrochemical	2 698	392	130	1 767				409	
+ Non-ferrous metals	708	6	5	441				256	
+ Non-metallic minerals	5 533	2 804	45	1 551				1 133	
+ Transport eEquipment	183	3	33	147					
+ Machinery	763	37	9	166				551	
+ Mining and Quarrying	661	51	383	107				120	
+ Food, Beverages and Tobacco	1 987	505	64	808				610	
+ Paper, Pulp and Printing	586	111	11	183				281	
+ Wood and Wood products	454	22	16	168				248	
+ Construction	695	2	150	296				246	
+ Textile and Leather	3 018	677	20	986				1 335	
+ Not elsewhere specified (Industry)	5 071	0	76	681		283		1 719	2 312
+ Transport	28 175		27 595	349		140		91	
+ Rail	207		138					69	
+ Road	22 458		22 246	71		140			
+ International aviation	3 676		3 676						
+ Domestic aviation	1 258		1 258						
+ Domestic navigation	277		277						
+ Pipeline transport	300			277				22	
+ Not elsewhere specified (Transport)	0			0					
+ Other sectors	36 223	5 774	3 750	11 768		5 239		9 692	
+ Commercial and public services	12 196	3 806	635	2 602				5 153	
+ Residential	20 141	1 968	339	9 057		4 659		4 119	
+ Agriculture / Forestry	3 750		2 698	61		580		411	
+ Fishing	136		79	49				8	
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Turkey	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	25 922	26 534	25 889	23 964	32 289	31 174	31 412	+0.77	+2.74
Solid fossil fuels	12 370	12 083	12 485	10 806	17 524	16 202	12 798	+0.14	+1.71
Crude oil & other hydrocarbons	3 720	3 525	2 759	2 264	2 541	2 534	2 566	-1.47	+1.26
Natural gas	175	150	526	739	562	395	314	+2.37	-8.21
Nuclear heat									
Renewable energies	9 658	10 776	10 102	10 131	11 627	12 010	15 674	+1.96	+4.46
Non-renewable wastes			15	25	36	34	59		+8.95
Net imports	27 319	36 821	51 016	62 035	74 285	93 503	102 791	+5.44	+5.18
Solid fossil fuels	4 194	4 471	9 257	11 712	13 847	19 266	21 877	+6.83	+6.45
Crude oil & other hydrocarbons	20 104	24 759	21 563	23 446	17 175	17 649	25 231	+0.91	+0.74
Petroleum products	403	1 986	7 857	4 843	12 544	16 027	15 982	+15.86	+12.68
Natural gas	2 682	5 665	12 051	22 134	30 786	40 039	39 362	+11.34	+5.93
Renewable energies						70			
Gross inland consumption	52 281	62 093	76 614	85 565	106 861	123 974	131 728	+3.77	+4.41
Solid fossil fuels	16 850	16 607	22 449	22 632	32 101	35 853	34 551	+2.91	+4.32
Crude oil & petroleum products	22 980	28 983	31 121	30 085	31 769	35 350	41 722	+2.41	+3.32
Gas	2 855	5 787	12 638	22 792	31 395	40 205	39 383	+11.07	+5.62
Nuclear heat									
Renewable energies	9 658	10 776	10 102	10 131	11 627	12 081	15 674	+1.96	+4.46
Non-renewable wastes			15	25	36	34	59		+8.95
Transformation input	36 700	44 229	48 075	53 716	57 343	72 928	76 246	+2.97	+3.56
Conventional thermal power stations	9 004	12 829	20 205	23 631	32 275	44 774	40 130	+6.16	+5.44
Nuclear power stations									
District heating plants									
Coke-ovens	3 773	3 303	3 101	3 170	3 702	4 280	4 409	+0.62	+3.36
Blast-furnaces	763	664	832	918	926	1 252	1 353	+2.32	+3.95
Refineries	23 074	27 432	23 936	25 949	20 359	22 622	30 011	+1.06	+1.46
BKB / PB plants	11	1	1	48					
Transformation output	29 644	35 154	35 785	40 896	39 602	47 273	53 428	+2.38	+2.71
Conventional thermal power stations	2 957	4 360	8 470	11 369	14 682	19 461	18 030	+7.50	+4.72
Nuclear power stations									
District heating plants						78	116		
Coke-ovens	2 781	2 702	2 552	2 608	3 639	3 864	3 923	+1.39	+4.17
Blast-furnaces	763	664	832	918	926	1 252	1 353	+2.32	+3.95
Refineries	23 070	27 426	23 931	25 944	20 355	22 618	30 006	+1.06	+1.47
BKB / PB plants	18	1	1	57					
<i>of which: electricity</i>	2 957	4 360	8 083	10 519	13 456	17 436	15 717	+6.91	+4.10
<i>of which: derived heat</i>			387	850	1 226	2 103	2 428		+11.06
Exchanges, transfers and returns	- 2	- 1	- 4	- 2	- 21	- 49	49		
Consumption of the energy branch	1 975	2 422	2 661	2 667	3 412	4 185	4 936	+3.73	+6.35
Distribution losses	591	1 209	2 083	2 138	2 608	3 211	3 144	+6.91	+3.93
Energy available for final consumption	42 657	49 386	59 578	67 938	83 080	90 873	100 879	+3.50	+4.03
Solid fossil fuels	9 199	7 450	10 775	11 322	17 100	11 890	13 705	+1.61	+1.93
Gas/Diesel Oil (w/o bio)	7 539	8 821	8 528	10 273	14 799	18 068	20 085	+4.00	+6.93
Motor Gasoline (w/o bio)	3 427	4 644	3 881	2 867	2 189	2 023	2 134	-1.88	-2.91
Kerosene Type Jet Fuel	480	1 150	1 261	2 010	1 629	3 737	4 934	+9.77	+9.40
Naphtha	1 545	1 621	1 350	738	1 183	762	207	-7.73	-11.94
LPG	1 758	2 595	4 934	4 563	4 039	4 239	4 401	+3.74	-0.36
All other oil & petroleum products	5 898	6 875	7 008	6 849	6 033	4 658	7 568	+1.00	+1.00
Natural gas	711	2 788	5 125	10 049	13 353	19 491	20 659	+14.43	+7.47
Derived gases	636	474	748	722	644	767	774	+0.79	+0.69
Solid biomass & charcoal	7 207	6 789	6 456	5 324	4 435	3 115	2 804	-3.71	-6.21
Liquid biofuels					7	140	108		
All other renewable energies	392	580	880	1 311	1 823	2 294	2 718	+8.05	+7.56
Non-renewable wastes									
Electricity	3 865	5 600	8 244	11 061	14 619	17 665	18 470	+6.46	+5.26
Derived heat			387	850	1 226	2 025	2 312		+10.52
Statistical difference	1 106	332	- 167	- 37	1 776	- 564	692		
Final non-energy consumption	2 807	3 828	3 521	4 429	7 202	5 561	7 005	+3.73	+4.69
Final energy consumption	38 744	45 226	56 224	63 546	74 102	85 876	93 182	+3.57	+3.90
Industry	12 081	13 294	20 983	22 561	24 919	27 875	28 784	+3.53	+2.47
Transport	9 510	12 102	12 396	13 617	15 953	23 667	28 175	+4.44	+7.54
<i>Road transport</i>	8 517	10 422	10 633	10 814	13 359	18 897	22 458	+3.95	+7.58
<i>Domestic & International aviation</i>	480	1 150	1 261	2 010	1 629	3 737	4 934	+9.77	+9.40
Other sectors	17 153	19 830	22 844	27 368	33 230	34 334	36 223	+3.04	+2.84
<i>Services</i>	637	1 107	2 314	4 730	5 694	10 585	12 196	+12.53	+9.93
<i>Residential</i>	14 531	16 044	17 595	19 309	22 455	19 157	20 141	+1.31	+0.42

Source: Eurostat (nrg_100a)

Kosovo (UN SCR 1244/99), 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	1 804	1 536				268			
+ Primary production receipt									
+ Other sources (recovered products)									
+ Recycled products									
+ Imports	761	7	688			7		59	
+ Stock changes	23	23							
- Exports	64	8	8			0		48	
- Bunkers									
- Direct use									
Gross inland consumption	2 525	1 558	680			276		11	
Transformation input	1 523	1 517	6						
+ Conventional thermal power stations	1 522	1 517	5						
+ Nuclear power stations									
+ District heating plants	1		1						
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input									
Transformation output	528							514	14
+ Conventional thermal power stations	514							514	
+ Nuclear power stations									
+ District heating plants	14								14
+ Coke ovens									
+ Blast furnaces									
+ Gas works									
+ Refineries									
+ Patent fuel plants									
+ BKB/PB plants									
+ Charcoal production plants									
Exchanges, transfers and returns						- 12		12	
Consumption of the energy branch	55							53	2
Distribution losses	88							86	2
Available for final consumption	1 386	40	674			264		398	10
Statistical difference	- 6	- 8	0			- 0		1	0
Final non-energy consumption	48		48						
Final energy consumption	1 344	48	626			264		397	10
+ Industry	307	19	159			12		118	
+ Iron and Steel	78	17	12			0		50	
+ Chemical and Petrochemical	1		1			0		0	
+ Non-ferrous metals	28		27					1	
+ Non-metallic minerals	89		83			0		6	
+ Transport eEquipment									
+ Machinery	1					0		1	
+ Mining and Quarrying	3		3						
+ Food, Beverages and Tobacco	58	2	8			5		43	
+ Paper, Pulp and Printing	0							0	
+ Wood and Wood products									
+ Construction	0	0							
+ Textile and Leather									
+ Not elsewhere specified (Industry)	48	0	25			6		16	
+ Transport	384		384						
+ Rail	2		2						
+ Road	378		378						
+ International aviation	4		4						
+ Domestic aviation									
+ Domestic navigation									
+ Pipeline transport									
+ Not elsewhere specified (Transport)									
+ Other sectors	652	29	82			252		280	10
+ Commercial and public services	148	19	52			8		67	3
+ Residential	476	10	15			242		204	6
+ Agriculture / Forestry	28	0	16			2		9	
+ Fishing									
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Kosovo	ktoe						average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15 05 > 15
Primary production			1 097	1 398	1 861	1 605	1 804	+2.59
Solid fossil fuels			930	1 221	1 612	1 342	1 536	+2.32
Crude oil & other hydrocarbons								
Natural gas								
Nuclear heat								
Renewable energies			168	176	249	263	268	+4.30
Non-renewable wastes								
Net imports			420	550	619	603	697	+2.39
Solid fossil fuels			9	19	26	3	- 2	
Crude oil & other hydrocarbons								
Petroleum products			330	459	552	555	680	+4.02
Natural gas								
Renewable energies			49	50	1	2	7	-17.45
Gross inland consumption			1 548	1 950	2 516	2 217	2 525	+2.62
Solid fossil fuels			969	1 242	1 675	1 355	1 558	+2.29
Crude oil & petroleum products			330	459	552	555	680	+4.02
Gas								
Nuclear heat								
Renewable energies			216	226	250	265	276	+2.01
Non-renewable wastes								
Transformation input			946	1 216	1 610	1 315	1 523	+2.28
Conventional thermal power stations			939	1 206	1 604	1 309	1 522	+2.36
Nuclear power stations								
District heating plants			8	11	7	6	1	-21.32
Coke-ovens								
Blast-furnaces								
Refineries								
BKB / PB plants								
Transformation output			257	384	436	460	528	+3.25
Conventional thermal power stations			250	374	431	454	514	+3.24
Nuclear power stations								
District heating plants			7	10	6	6	14	+3.49
Coke-ovens								
Blast-furnaces								
Refineries								
BKB / PB plants								
<i>of which: electricity</i>			250	374	431	454	514	+3.24
<i>of which: derived heat</i>			7	10	6	6	14	+3.49
Exchanges, transfers and returns								
Consumption of the energy branch			29	40	52	38	55	+3.16
Distribution losses			60	91	81	71	88	-0.36
Energy available for final consumption			768	985	1 209	1 254	1 386	+3.47
Solid fossil fuels			37	45	77	51	40	-1.22
Gas/Diesel Oil (w/o bio)			172	241	289	338	397	+5.13
Motor Gasoline (w/o bio)			54	76	84	70	70	-0.84
Kerosene Type Jet Fuel					12	2	4	
Naphtha								
LPG			32	41	50	34	38	-0.74
All other oil & petroleum products			58	81	104	101	165	+7.36
Natural gas								
Derived gases								
Solid biomass & charcoal			212	216	236	251	263	+1.99
Liquid biofuels								
All other renewable energies			0	0	0	0	0	+7.18
Non-renewable wastes								
Electricity			199	278	353	402	398	+3.64
Derived heat			5	6	4	4	10	+5.44
Statistical difference			- 2	- 0	- 1	- 13	- 6	
Final non-energy consumption			6	7	7	34	48	+21.40
Final energy consumption			764	979	1 203	1 233	1 344	+3.23
Industry			150	189	277	245	307	+5.01
Transport			192	271	332	346	384	+3.54
<i>Road transport</i>			191	270	319	343	378	+3.42
<i>Domestic & International aviation</i>					12	2	4	
Other sectors			422	519	594	642	652	+2.32
<i>Services</i>			112	137	112	139	148	+0.81
<i>Residential</i>			277	345	462	480	476	+3.28

Source: Eurostat (nrg_100a)

Ukraine, 2015 (ktoe)	Total (all products)	Solid fossil fuels	Crude oil & petroleum products	Gas	Nuclear heat	Renewable energies	Non- renewable wastes	Electricity	Derived heat
+ Primary production	60 020	16 923	2 322	14 818	22 753	3 204			
+ Primary production receipt									
+ Other sources (recovered products)	263	260	2						
+ Recycled products									
+ Imports	31 574	10 017	8 041	13 292		31		193	
+ Stock changes	- 1 545	457	41	- 2 048		5			
- Exports	1 463	506	111			537		309	
- Bunkers									
- Direct use	2		2						
Gross inland consumption	88 846	27 151	10 293	26 062	22 753	2 704		- 116	
Transformation input	63 309	26 996	3 154	9 469	22 753	938			
+ Conventional thermal power stations	20 271	15 096	285	4 352		538			
+ Nuclear power stations	22 753				22 753				
+ District heating plants	5 772	478	141	5 117		37			
+ Coke ovens	8 474	8 474							
+ Blast furnaces	2 607	2 607							
+ Gas works	38	35	3						
+ Refineries	2 725		2 725						
+ Patent fuel plants	30	30							
+ BKB/PB plants	94	94							
+ Charcoal production plants	363					363			
+ Coal liquefaction plants									
+ For blended natural gas									
+ Gas-To-Liquids (GTL) plants									
+ Non-specified Transformation Input	181	181							
Transformation output	38 140	8 612	2 717	4 320		117		13 340	9 033
+ Conventional thermal power stations	9 352							5 806	3 546
+ Nuclear power stations	7 683							7 535	149
+ District heating plants	5 339								5 339
+ Coke ovens	10 206	8 493		1 713					
+ Blast furnaces	2 607			2 607					
+ Gas works									
+ Refineries	2 717		2 717						
+ Patent fuel plants									
+ BKB/PB plants	118	118							
+ Charcoal production plants	117					117			
Exchanges, transfers and returns	24		24			- 598		598	
Consumption of the energy branch	3 933	72	118	1 552		1		1 590	599
Distribution losses	3 294	2	7	879				1 500	906
Available for final consumption	56 475	8 692	9 754	18 483		1 283		10 733	7 529
Statistical difference	787	25	219	42		- 1		502	
Final non-energy consumption	3 349	376	687	2 286					
Final energy consumption	52 339	8 291	8 849	16 156		1 284		10 231	7 529
+ Industry	21 145	7 900	807	5 175		86		4 296	2 881
+ Iron and Steel	13 584	7 271	100	3 875		9		1 502	827
+ Chemical and Petrochemical	1 001	2	22	151		1		265	560
+ Non-ferrous metals	633	103	5	137				142	245
+ Non-metallic minerals	1 172	497	50	355		18		202	49
+ Transport eEquipment	155		13	15		0		86	41
+ Machinery	466	2	35	119		1		229	80
+ Mining and Quarrying	1 488	1	273	293		1		844	75
+ Food, Beverages and Tobacco	1 395	21	113	165		7		350	740
+ Paper, Pulp and Printing	221		8	18		2		76	117
+ Wood and Wood products	209	1	16	12		47		52	80
+ Construction	262	2	153	25		1		64	16
+ Textile and Leather	50		3	3				26	18
+ Not elsewhere specified (Industry)	509	1	14	5		1		456	32
+ Transport	8 844	4	6 647	1 572		35		585	
+ Rail	657	4	137					516	
+ Road	6 396		6 336	25		35			
+ International aviation	123		123						
+ Domestic aviation									
+ Domestic navigation	48		48						
+ Pipeline transport	1 583		3	1 547				33	
+ Not elsewhere specified (Transport)	38	1		1				37	
+ Other sectors	22 351	387	1 395	9 409		1 162		5 350	4 648
+ Commercial and public services	3 839	69	91	195		46		1 877	1 561
+ Residential	16 562	309	14	9 085		1 096		3 183	2 875
+ Agriculture / Forestry	1 945	9	1 288	129		19		287	212
+ Fishing	4		2					2	0
+ Not elsewhere specified (Other)									

Source: Eurostat (nrg_100a)

Ukraine	ktoe							average annual growth rate	
	1990	1995	2000	2005	2010	2014	2015	90 > 15	05 > 15
Primary production	135 768	81 349	76 184	78 872	77 259	70 993	60 020	-3.21	-2.69
Solid fossil fuels	86 808	42 777	36 345	34 677	32 242	26 885	16 923	-6.33	-6.92
Crude oil & other hydrocarbons	5 447	4 027	3 656	4 335	3 630	2 839	2 322	-3.35	-6.05
Natural gas	22 599	15 233	15 001	15 638	15 436	15 049	14 818	-1.67	-0.54
Nuclear heat	19 651	18 192	19 950	22 895	23 150	22 957	22 753	+0.59	-0.06
Renewable energies	1 264	1 120	1 231	1 328	2 801	3 262	3 204	+3.79	+9.21
Non-renewable wastes									
Net imports	122 778	81 910	57 441	59 490	41 934	27 464	30 111	-5.47	-6.58
Solid fossil fuels	- 4 739	8 223	2 116	2 624	2 883	5 492	9 511		+13.74
Crude oil & other hydrocarbons	55 610	13 016	5 667	14 679	7 968	125	181	-20.48	-35.57
Petroleum products	872	7 674	2 722	- 5 358	1 963	7 323	7 749	+9.13	
Natural gas	73 483	53 251	47 268	48 263	29 555	15 724	13 292	-6.61	-12.10
Renewable energies					- 85	- 474	- 506		
Gross inland consumption	255 818	163 259	133 626	140 907	132 594	104 990	88 846	-4.14	-4.51
Solid fossil fuels	82 550	51 000	38 461	37 307	38 156	35 652	27 151	-4.35	-3.13
Crude oil & petroleum products	62 948	24 717	12 045	14 430	13 653	10 862	10 293	-6.99	-3.32
Gas	91 854	68 484	62 269	65 665	55 250	33 445	26 062	-4.91	-8.83
Nuclear heat	19 651	18 192	19 950	22 895	23 150	22 957	22 753	+0.59	-0.06
Renewable energies	1 264	1 120	1 231	1 328	2 734	2 799	2 704	+3.09	+7.37
Non-renewable wastes									
Transformation input	237 310	126 023	100 838	109 355	94 315	73 382	63 309	-5.15	-5.32
Conventional thermal power stations	59 858	34 653	22 672	24 340	26 132	24 541	20 271	-4.24	-1.81
Nuclear power stations	19 651	18 192	19 950	22 895	23 150	22 957	22 753	+0.59	-0.06
District heating plants	49 318	29 206	23 784	17 617	10 563	6 768	5 772	-8.22	-10.56
Coke-ovens	37 240	21 618	20 893	20 381	18 391	12 108	8 474	-5.75	-8.40
Blast-furnaces	5 902	2 977	3 001	3 417	3 556	2 973	2 607	-3.22	-2.67
Refineries	61 057	17 043	9 323	19 439	12 062	3 332	2 725	-11.69	-17.84
BKB / PB plants				103	90	91	94		-0.89
Transformation output	171 051	79 077	59 948	71 832	62 527	44 180	38 140	-5.83	-6.13
Conventional thermal power stations	22 218	13 148	9 659	11 538	12 200	11 375	9 352	-3.40	-2.08
Nuclear power stations	6 550	6 064	6 650	7 632	7 819	7 757	7 683	+0.64	+0.07
District heating plants	37 068	22 277	15 284	12 652	9 946	6 253	5 339	-7.46	-8.27
Coke-ovens	31 622	14 932	14 738	16 913	16 691	12 256	10 206	-4.42	-4.92
Blast-furnaces	5 902	2 977	3 001	3 417	3 556	2 973	2 607	-3.22	-2.67
Refineries	61 135	17 038	9 319	19 429	12 065	3 331	2 717	-11.71	-17.86
BKB / PB plants	2 008	497	186	169	130	113	118	-10.70	-3.47
<i>of which: electricity</i>	24 773	15 810	13 757	14 919	15 101	14 784	13 340	-2.45	-1.11
<i>of which: derived heat</i>	41 063	25 679	17 837	16 902	14 864	10 601	9 033	-5.88	-6.07
Exchanges, transfers and returns					56	30	24		
Consumption of the energy branch	12 842	7 808	5 021	6 381	6 950	4 636	3 933	-4.62	-4.73
Distribution losses	14 621	9 681	8 636	8 041	4 205	3 556	3 294	-5.79	-8.54
Energy available for final consumption	162 096	98 824	79 078	88 962	89 707	67 626	56 475	-4.13	-4.44
Solid fossil fuels	32 782	14 961	12 101	13 563	10 400	11 049	8 692	-5.17	-4.35
Gas/Diesel Oil (w/o bio)	14 650	6 828	4 700	5 221	5 621	5 659	5 571	-3.79	+0.65
Motor Gasoline (w/o bio)	11 518	4 577	4 020	4 998	4 589	2 981	2 168	-6.46	-8.01
Kerosene Type Jet Fuel	2 063	159	262	374					
Naphtha									
LPG	1 094	2 579	314	574	804	956	1 007	-0.33	+5.80
All other oil & petroleum products	9 966	5 059	1 554	2 130	1 752	585	1 008	-8.76	-7.21
Natural gas	33 231	28 263	28 514	35 118	37 986	21 832	16 068	-2.86	-7.52
Derived gases	8 130	4 701	4 335	3 613	3 479	2 924	2 415	-4.74	-3.95
Solid biomass & charcoal	311	254	249	222	984	1 160	1 248	+5.71	+18.84
Liquid biofuels						42	35		
All other renewable energies									
Non-renewable wastes									
Electricity	17 673	12 338	9 758	10 585	11 534	11 504	10 733	-1.98	+0.14
Derived heat	30 678	19 105	13 271	12 565	12 559	8 935	7 529	-5.46	-4.99
Statistical difference	- 2 490	- 474	181	81	9 614	1 289	787		
Final non-energy consumption	6 466	1 858	1 213	8 625	5 611	3 538	3 349	-2.60	-9.03
Final energy consumption	158 120	97 441	77 684	80 256	74 482	62 798	52 339	-4.33	-4.18
Industry	91 492	48 912	39 049	38 850	30 738	25 288	21 145	-5.69	-5.90
Transport	21 513	12 928	10 697	12 149	13 191	10 430	8 844	-3.49	-3.13
<i>Road transport</i>	15 806	8 162	6 488	7 229	8 590	7 166	6 396	-3.55	-1.22
<i>Domestic & International aviation</i>	2 063	162	264	403	276	131	123	-10.67	-11.20
Other sectors	45 115	35 601	27 939	29 257	30 553	27 080	22 351	-2.77	-2.66
<i>Services</i>	1 200	1 996	1 601	2 182	4 655	4 665	3 839	+4.76	+5.81
<i>Residential</i>	33 180	30 284	24 464	24 241	23 857	20 412	16 562	-2.74	-3.74

Source: Eurostat (nrg_100a)

Sankey diagrams (Energy flow diagrams)

Introduction

A Sankey diagram is a graphic illustration of flows - like energy, material or money - where they can be combined, split and traced through a series of events or stages. The width of each stream represents the amount of material or energy in the flow. Sankey diagrams, which are typically used to visualize energy transfers between processes, are named after the Irishman Matthew H. P. R. Sankey, who used this type of diagram in a publication on energy efficiency of a steam engine in 1898.

Use for energy balances

Sankey diagrams are ideal for visually representing energy balances. This is because an energy balance represents the contribution and flow of various energy commodities (fuels, heat and electricity, i.e. energy carriers in a marketable form) into the different sectors of the economy (e.g. supply, transformation and consumption) in energy units. A Sankey diagram reproduces – in visual form – energy balances that are normally represented as a matrix (a table or a spreadsheet).

Description of flows and nodes of the Sankey diagram

Energy commodities:

- enter the energy balance on the top/left (mainly from production or imports); and
- exit on the bottom/right (mainly through final consumption, exports and losses).

The middle part of the diagram also shows:

- which energy commodities are used in their original form; and
- which go through the transformation sector.

Natural gas used for heating in the residential sector is an example of a commodity being used in its original form (i.e. "Direct carry-over"). By contrast, natural gas transformed into electricity in a thermal power plant is an example of an energy commodity going through the transformation sector. The following sections describe the main groups of nodes and their meaning in relation to the energy balance.

The Sankey diagrams presented in this publication show energy products of the following fuel families:

- solid fuels (coal)
- total petroleum products (crude oil and derived petroleum products)
- gas
- nuclear heat
- derived heat
- renewable energies
- electricity
- waste.

Each fuel family is represented by a different colour.

Legend	
	Solid fuels
	Total petroleum products
	Gas
	Renewable energies
	Waste (non-renewable)
	Derived heat
	Electrical energy
	Nuclear heat

Please see detailed description in our dedicated Statistics Explained article:

http://ec.europa.eu/eurostat/statistics-explained/index.php/Sankey_diagrams_for_energy_balance

Methodology notes

The Sankey diagram tool takes its data from the "Sankey diagram dataset - annual data (nrg_sankey)" in the Eurostat Energy database. The nrg_sankey dataset takes its data from the "Complete energy balances - annual data (nrg_110a)" dataset. There are some limitations on how some of the balance aggregates can be shown. For this reason, some balance aggregates have to be displayed in a different form and others cannot be displayed at all. This is mainly because negative flows cannot be represented visually. Therefore, to avoid having large artificial backflows, two adjustments have to be made:

- Fuels entering have to be displayed before the transformation sector. In this way, they also make sense for products consumed in transformation.
- Exiting fuels need to be displayed after the transformation sector. In this way, they also make sense for products produced in transformation.

Modified/Missing aggregates of energy balance in Sankey diagrams

Here are some examples of aggregates that are displayed in a different way or which cannot be displayed at all in the Sankey diagram:

- **Stock changes:** this aggregate from the energy balance does not appear in the Sankey diagram. Stock draw and stock build are displayed instead. A fuel taken from stocks (stock draw) can be consumed in the transformation sector, so it has to be displayed before this sector. Conversely, a fuel sent to stock (stock build) could have appeared only after transformation, so the flow in the Sankey diagram needs to be displayed after the transformation sector. For this reason, there is no "stock changes" flow in the Sankey diagram, but rather two distinct flows: "stock build" and "stock draw".
- **Gross inland consumption:** cannot be displayed in the Sankey diagram since it depends on net imports. Imports are displayed before the transformation sector and exports after the transformation sector for the same reasons as with stock changes above. This makes it impossible to show the net imports flow, as both flows cannot be meaningfully combined in the Sankey diagram.
- **Statistical difference:** statistical difference is simply a positive or negative number in the table of the energy balance. In the Sankey diagram, it is either an incoming or outgoing flow depending on its sign.
- **Imports and exports:** for aggregates of countries (e.g. EU-28), imports and exports are calculated as the sum of total imports or total exports for each of the countries included in the aggregate, without subtracting the internal trade between the countries of the aggregate (i.e. exports of one country of the aggregate to another country of the aggregate are included).

New aggregates in Sankey diagrams

Conversely, some new aggregates need to be included in the display of the Sankey diagram. This is the case for the following aggregates, which are not shown in the energy balance:

- **Available from all sources:** the aggregate where all the entering flows converge, namely imports, production and stock draw
- **Transformation backflow:** the minimal backflow needed to cover all transformation inputs, for an exact definition see above
- **Direct carry-over:** the total amount of fuels which are directly consumed and do not go through transformation
- **Available after transformation:** the sum of transformation and direct carry-over
- **Final consumption:** the sum of the Final energy consumption and Final non-energy consumption energy balance flows. This is created only to introduce the statistical difference in a meaningful way in the display.

In addition, some flows shown separately in the energy balance are put together in the Sankey diagram. This is done especially when they are very small and where separating them does not add any value in the display. For an example of this see the "Other production" or "Transformation losses" nodes created exclusively for the Sankey diagram. The nodes are defined above.

Small and negative flows

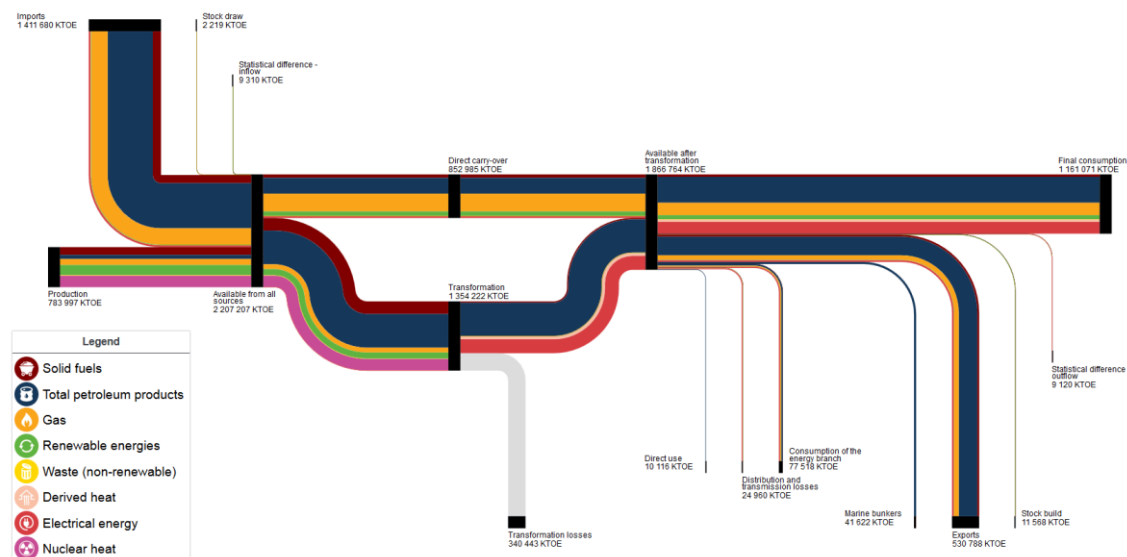
When handling very small flows in the Sankey diagram, a special methodology is needed. Some flows may even be negative due to statistical discrepancies. The method used is as follows: an ad hoc threshold is applied to decide whether any given fuel on display inside a Sankey diagram flow should be drawn or not. This threshold is subjective and reflects only the limitations on what can be shown, given the size of the screen resolution used to display the diagram. In detail, two rules are applied to each single flow in the Sankey tool:

- The entire flow is drawn only if the energy content of at least one fuel on display inside this flow, expressed in the currently selected unit, rounds to 1 or more.
- If the resulting width of a fuel inside this flow on the screen, expressed in pixels, is less than 0.5, it is increased to 0.5 pixels.

Nodes to which no flow is attached after this selection (i.e. none flowing in and none flowing out) are not drawn either.

How to interpret a Sankey diagram

To illustrate how to interpret a Sankey diagram as displayed by the Eurostat Sankey tool, we have selected an example showing the Sankey for the EU-28 for 2014, showing details for fuel families.



If you look at the Sankey diagram, you can see that most of the energy available in the EU is imported, while only a smaller proportion is produced internally. In the example, around 36% of the energy comes from the Production flow, against 64% which is imported. The most of the energy available is in the form of total petroleum products (including crude oil), followed by natural gas, solid fuels, renewable energies and nuclear heat.

In the example, 62% of the total energy available in the EU goes into the transformation sector, while 38% is used without any transformation (i.e. Direct carry-over). The family petroleum products constitute almost half of the amount of fuels sent to Transformation - the Refineries sector deals with 44% of the fuels going into transformation.

The energy exported by the EU in 2014 consisted mainly of petroleum products.

The "Final energy consumption" node shows the amount of fuels consumed for energy purposes in the

different final sectors (industry, transport, residential, commercial, etc.).

How to access the interactive tool of Eurostat?

<http://ec.europa.eu/eurostat/cache/sankey/sankey.html>

What you can do with the Sankey tool

You can use the Eurostat tool to perform a series of operations and access certain options and levels of detail depending on your preferences. Eurostat's Sankey diagrams are based on a series of nodes connected by energy balance flows:

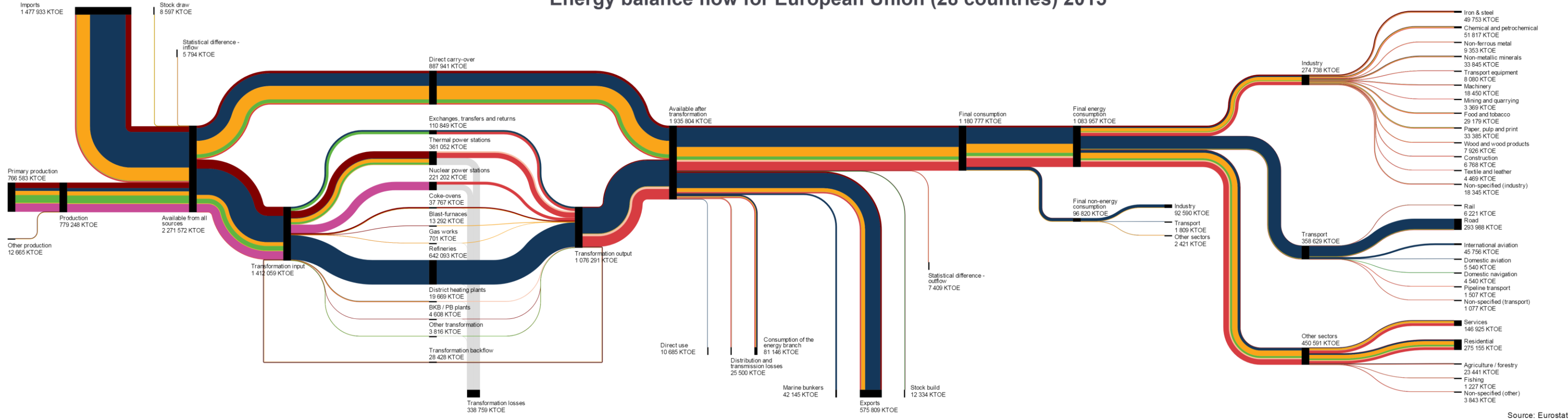
- the flows represent input and output amounts
- the black nodes represent events or processes, e.g. imports, final energy consumption, etc.

Each flow is defined by 4 dimensions:

- the variable of the balance (e.g. "Final energy consumption")
- the energy product or product family (e.g. "Motor gasoline" or the "Total petroleum products")
- the country
- the year.

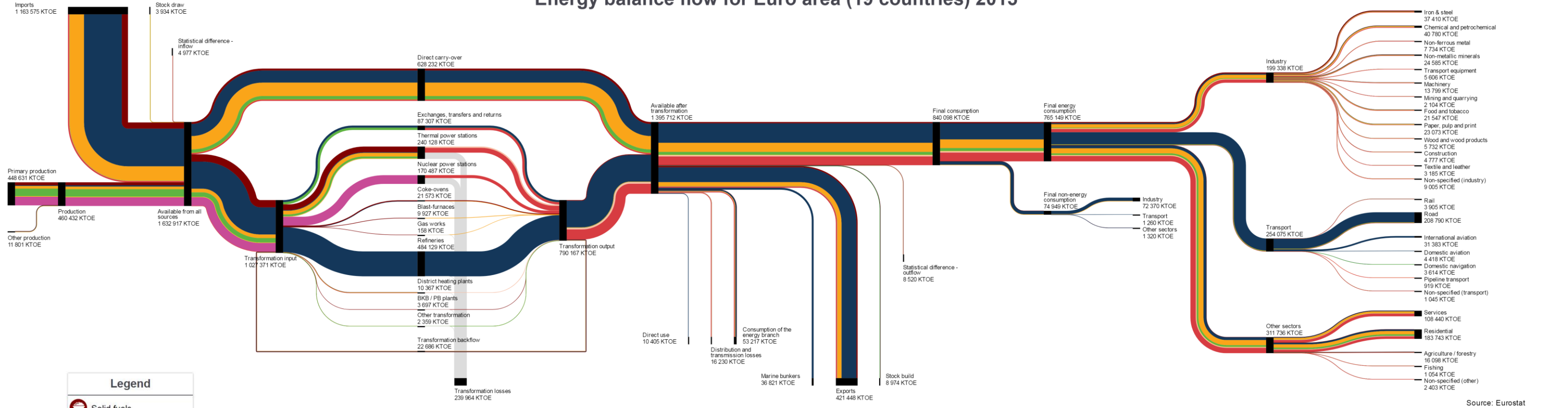
The flow amount can be expressed in different units of energy measurement, for example ktoe (thousand tonnes of oil equivalent), TJ (terajoules) and GWh (gigawatt hour). Only the non-zero combinations are displayed in the Sankey diagram (for more on this see the methodological remarks below).

Energy balance flow for European Union (28 countries) 2015



Source: Eurostat

Energy balance flow for Euro area (19 countries) 2015

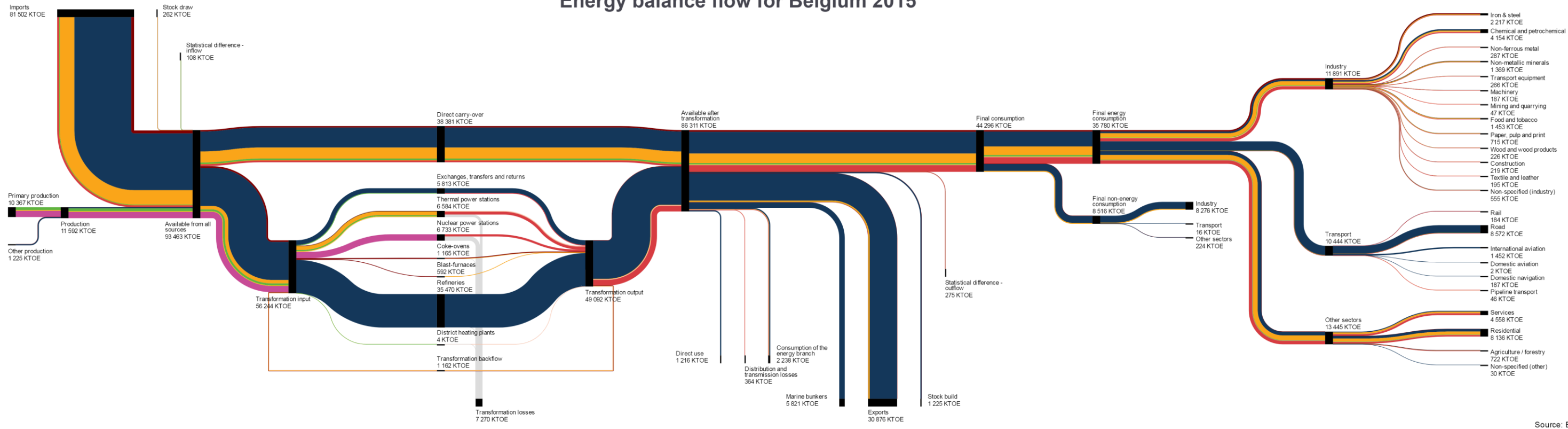


Source: Eurostat

Legend

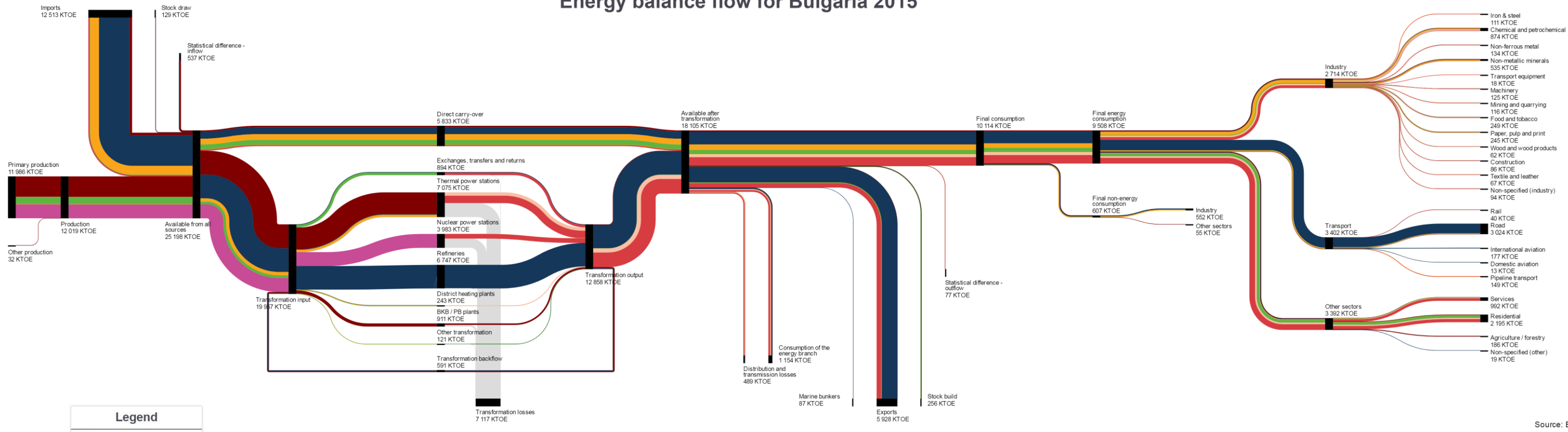
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Belgium 2015



Source: Eurostat

Energy balance flow for Bulgaria 2015

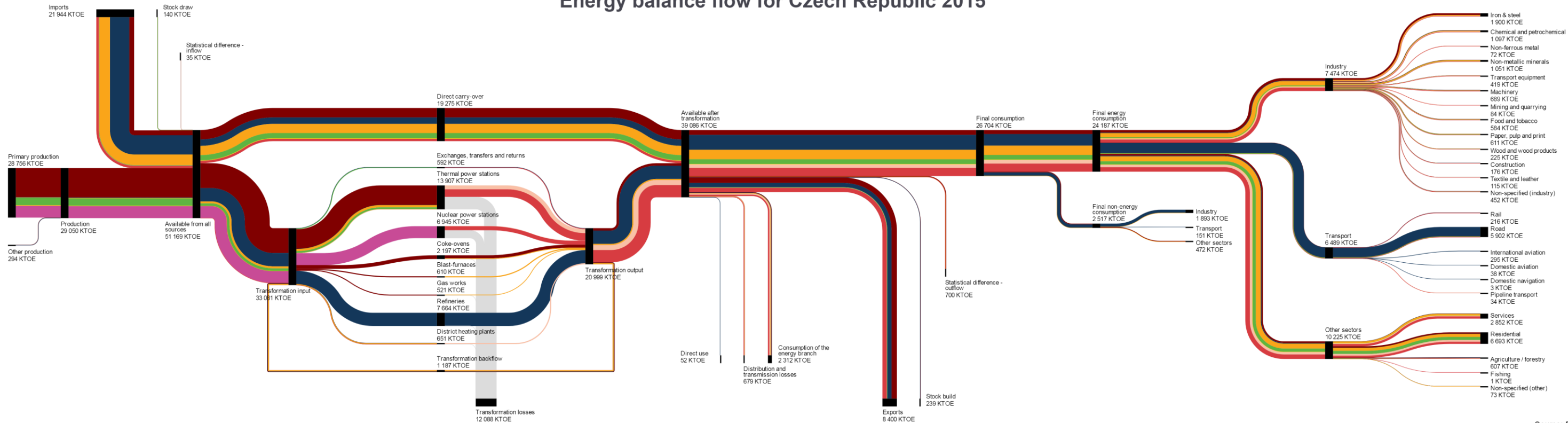


Source: Eurostat

Legend

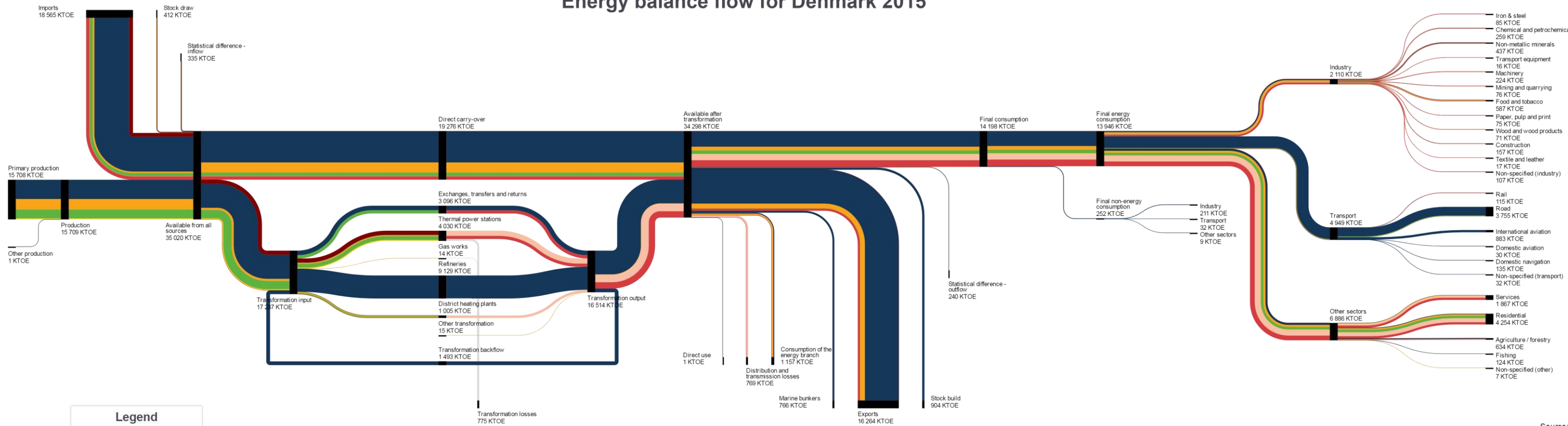
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Czech Republic 2015



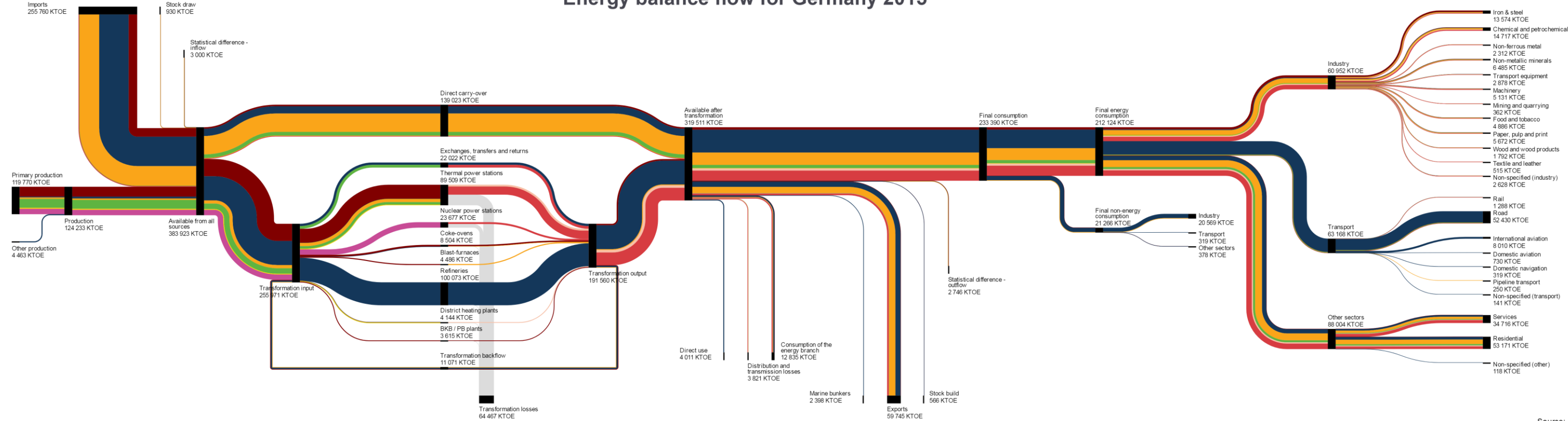
Source: Eurostat

Energy balance flow for Denmark 2015



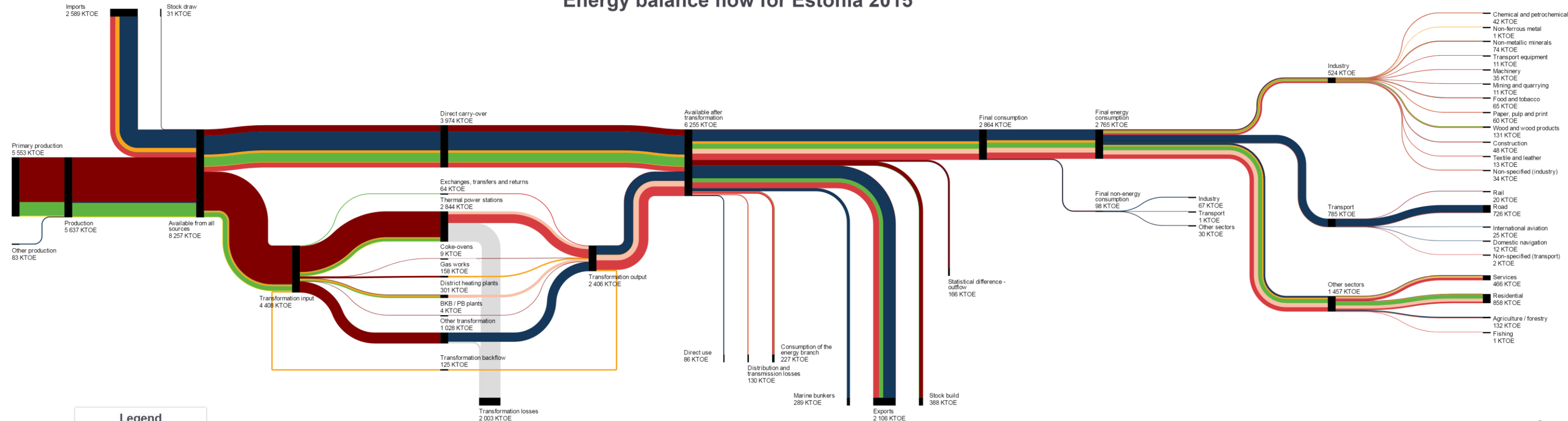
Source: Eurostat

Energy balance flow for Germany 2015

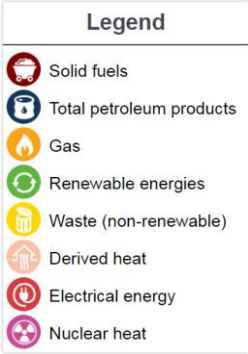


Source: Eurostat

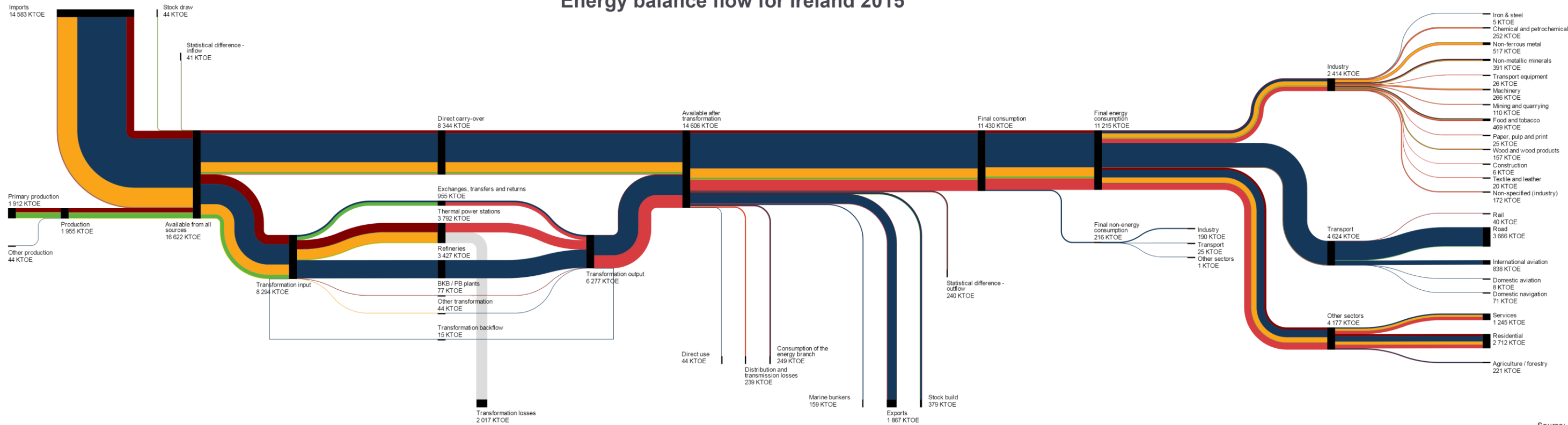
Energy balance flow for Estonia 2015



Source: Eurostat

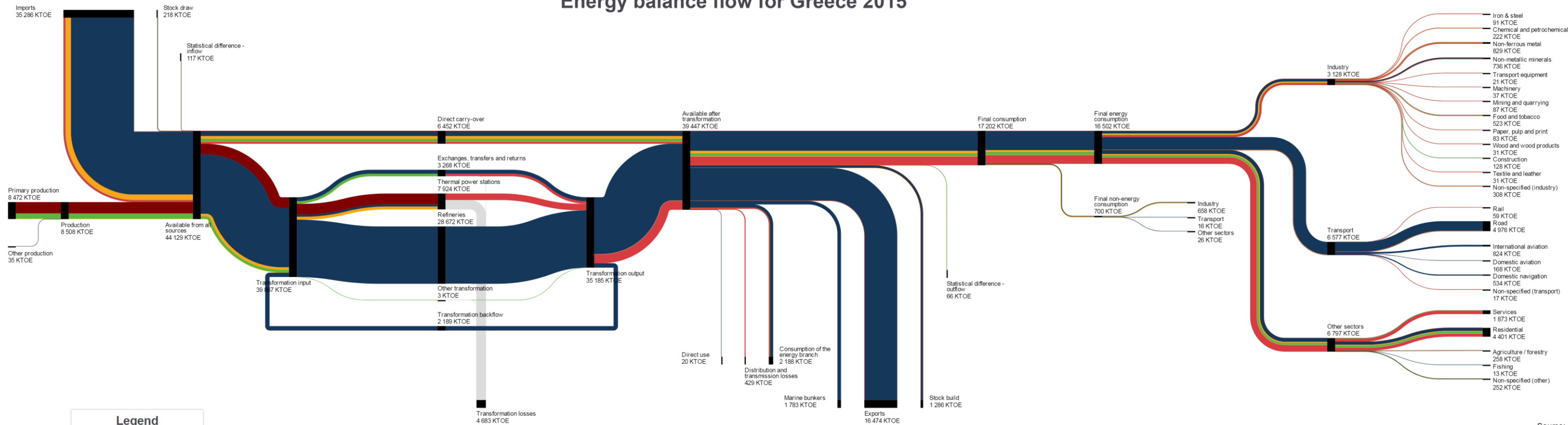


Energy balance flow for Ireland 2015

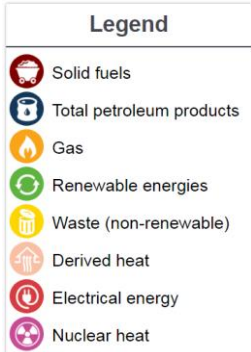


Source: Eurostat

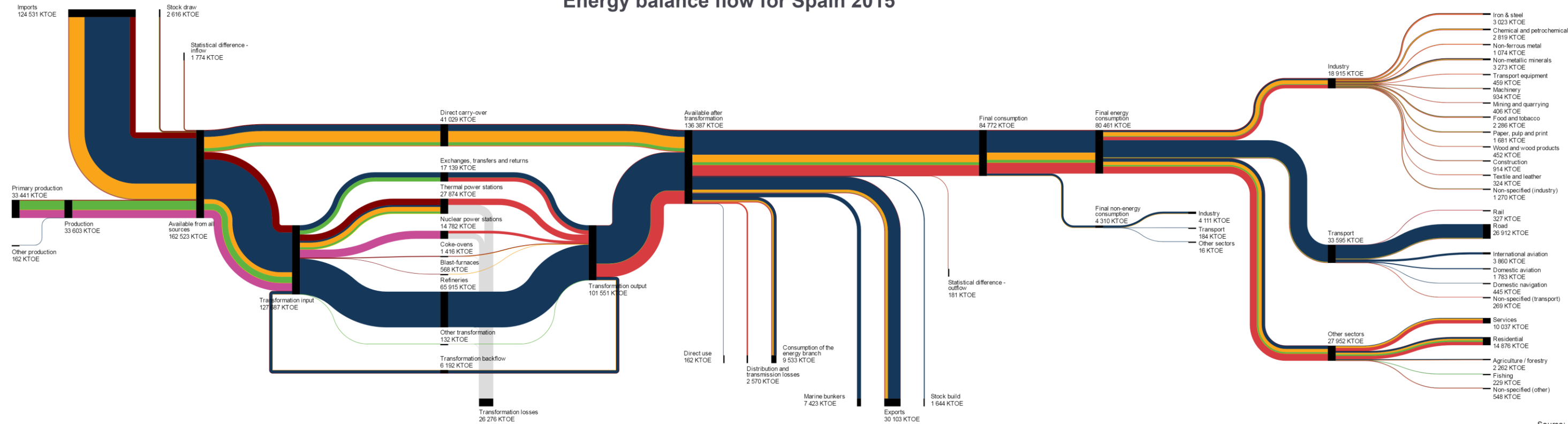
Energy balance flow for Greece 2015



Source: Eurostat

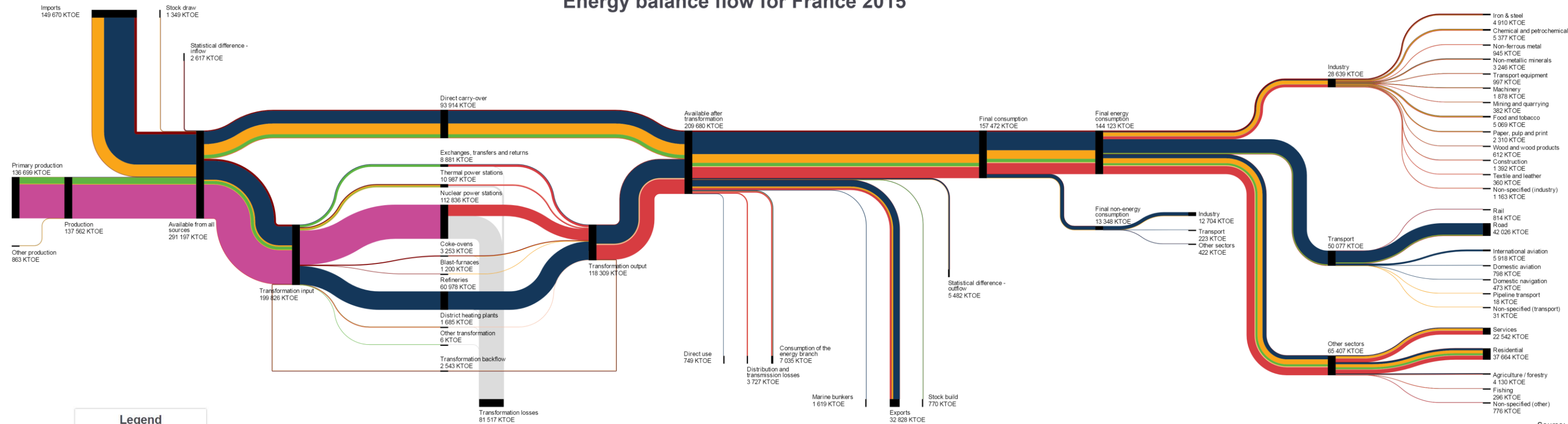


Energy balance flow for Spain 2015

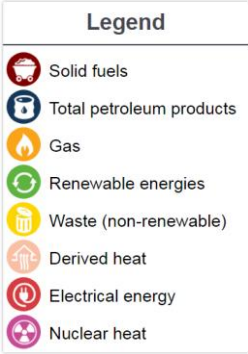


Source: Eurostat

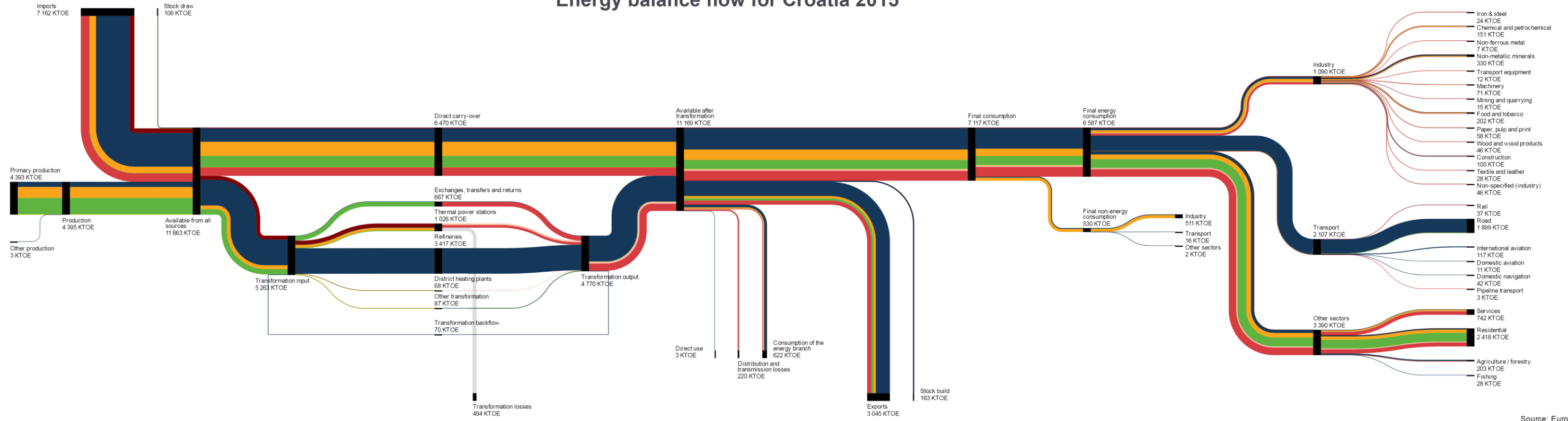
Energy balance flow for France 2015



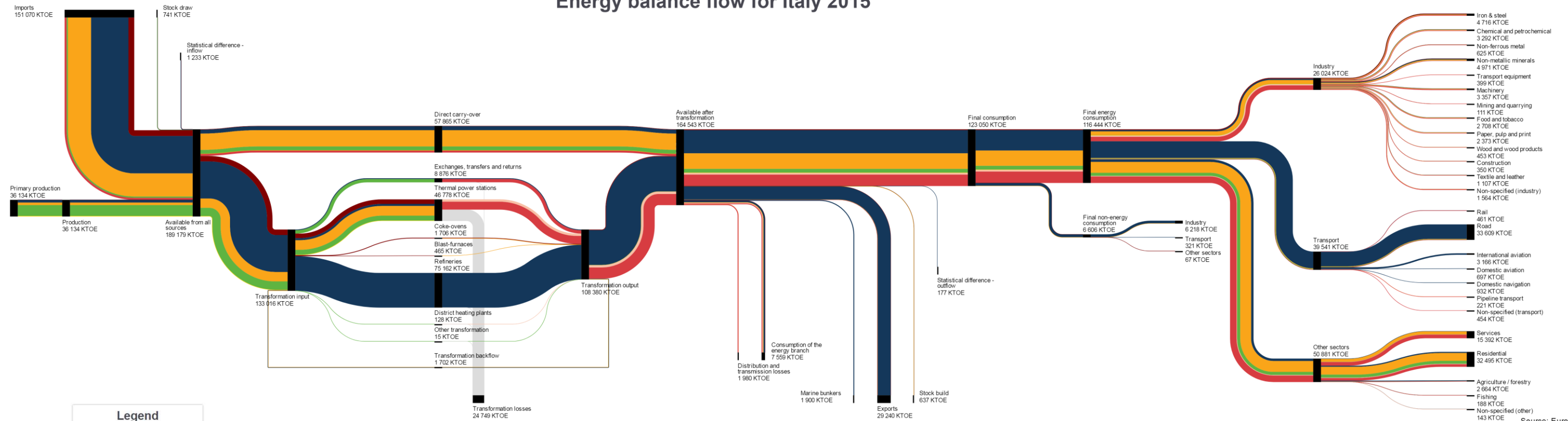
Source: Eurostat



Energy balance flow for Croatia 2015

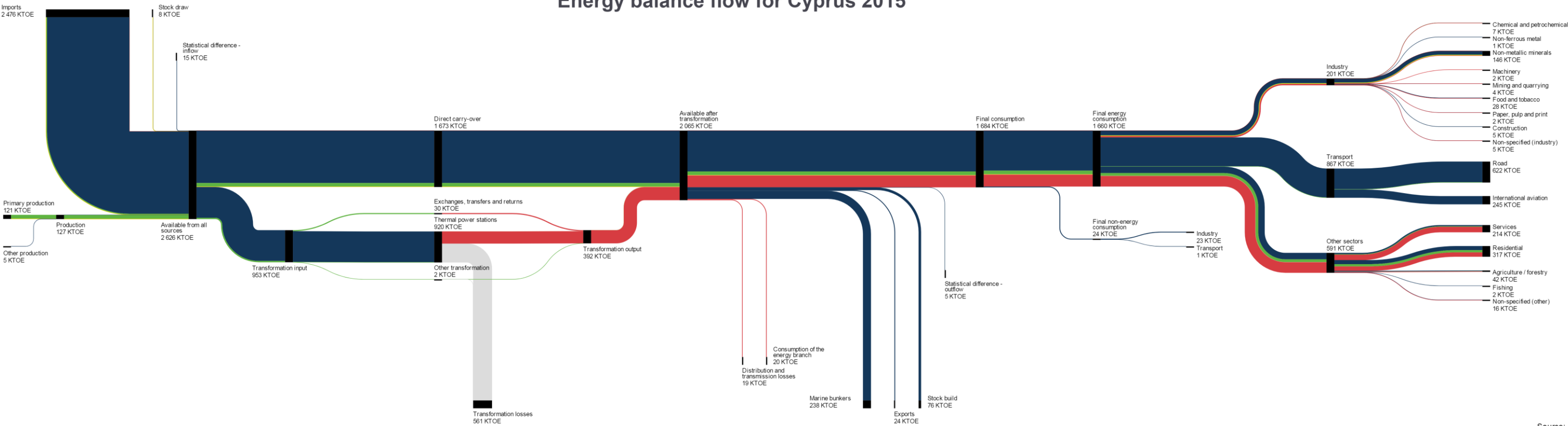


Energy balance flow for Italy 2015



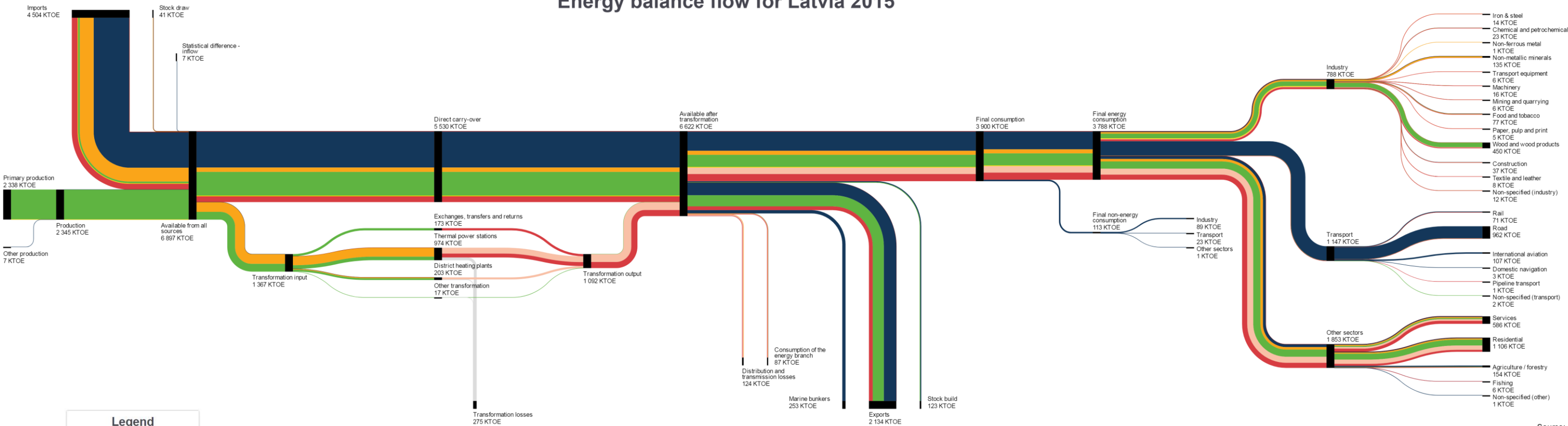
source: Eurostat

Energy balance flow for Cyprus 2015



Source: Eurostat

Energy balance flow for Latvia 2015

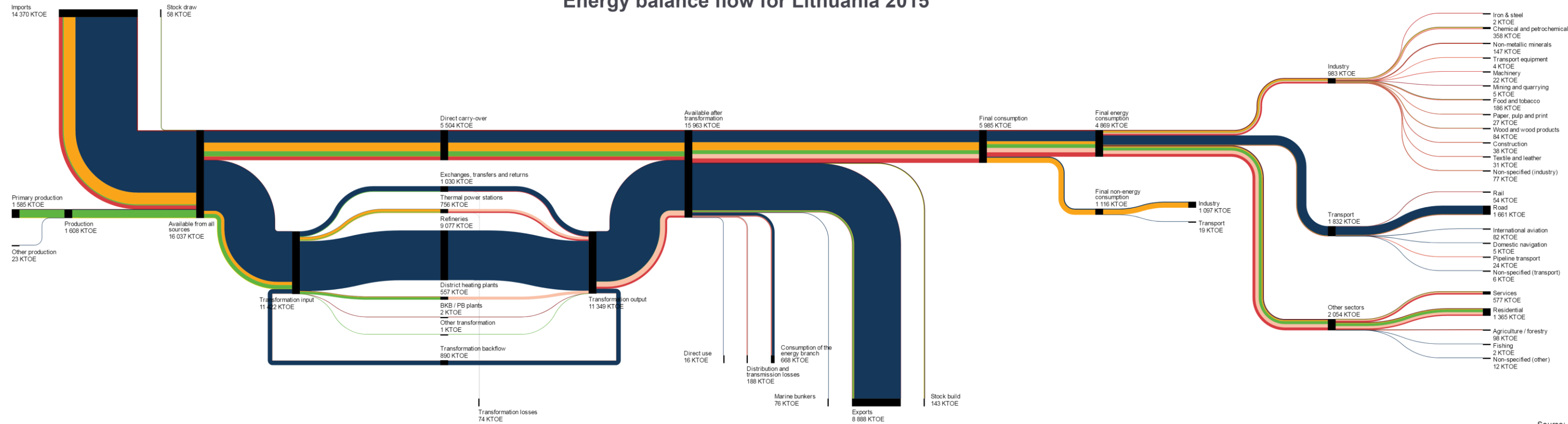


Source: Eurostat

Legend

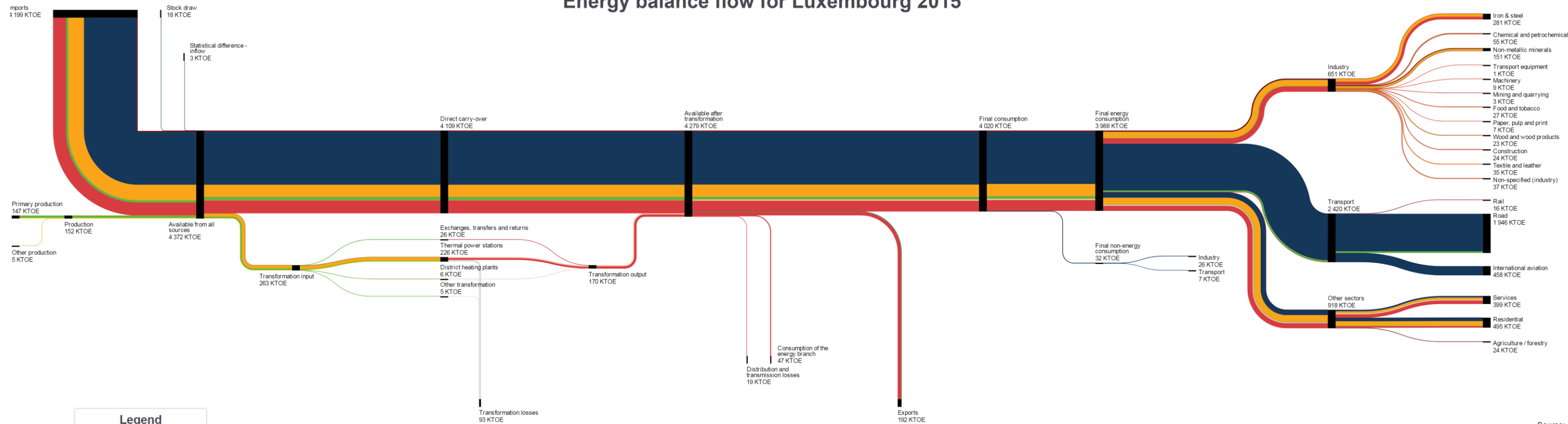
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Lithuania 2015



Source: Eurostat

Energy balance flow for Luxembourg 2015

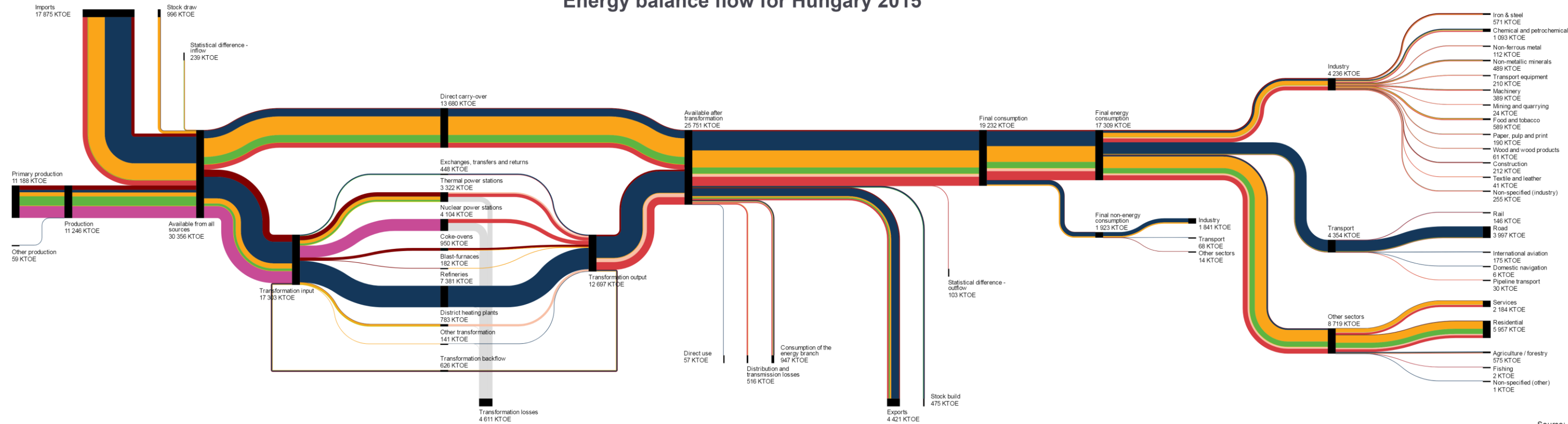


Source: Eurostat

Legend

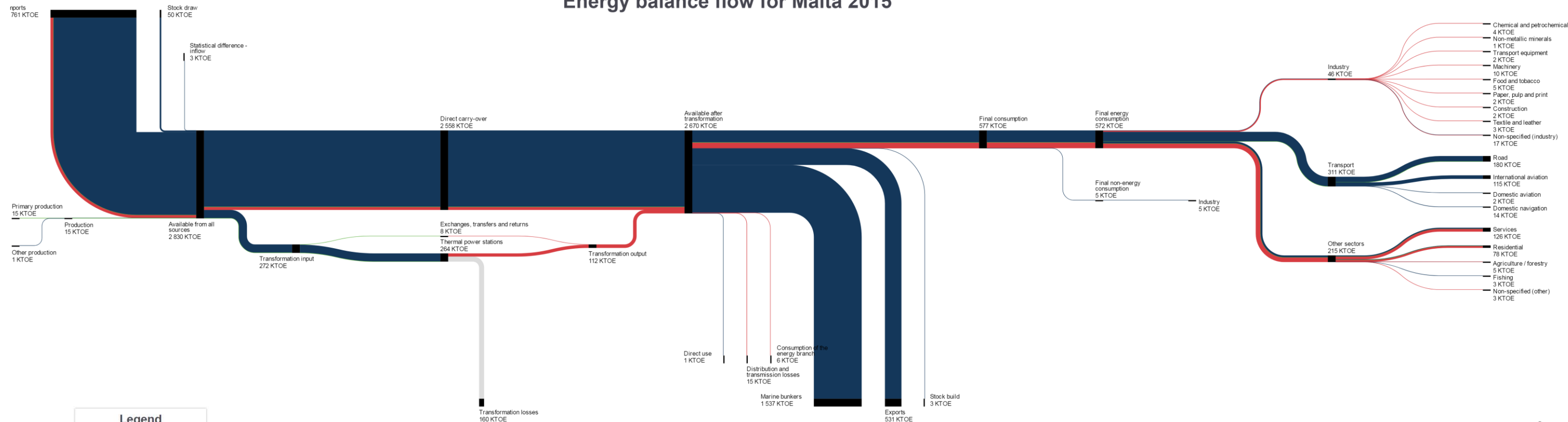
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Hungary 2015



Source: Eurostat

Energy balance flow for Malta 2015

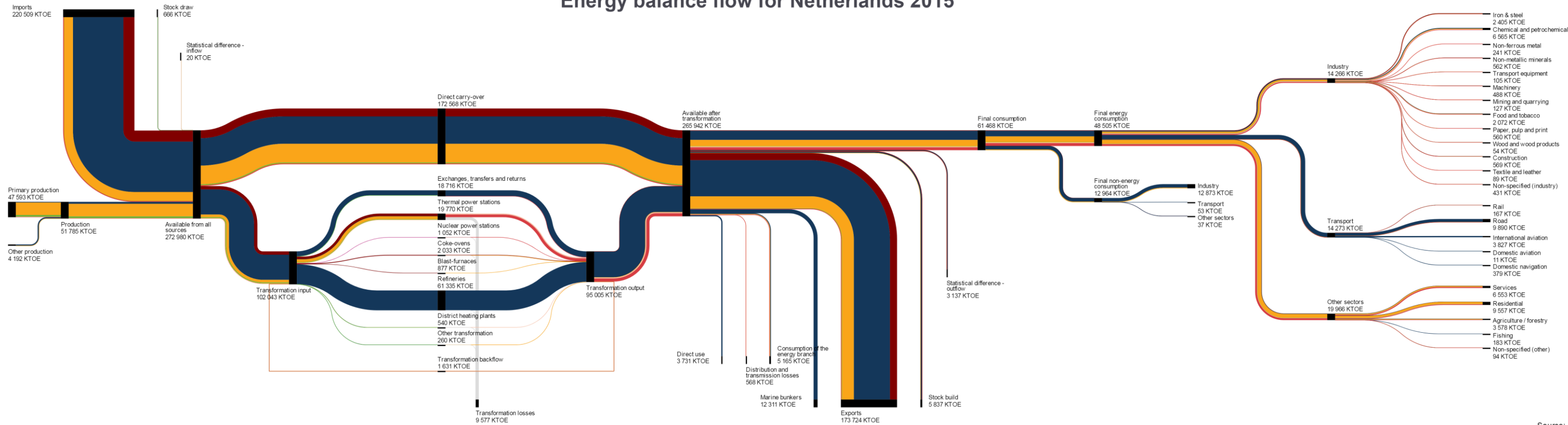


Source: Eurostat

Legend

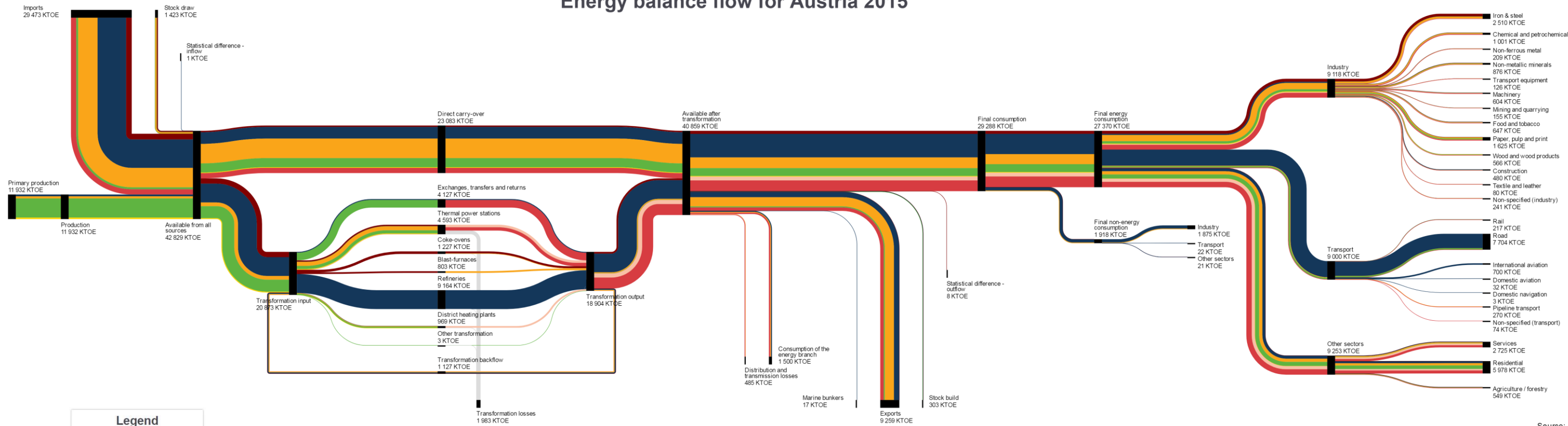
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Netherlands 2015



Source: Eurostat

Energy balance flow for Austria 2015

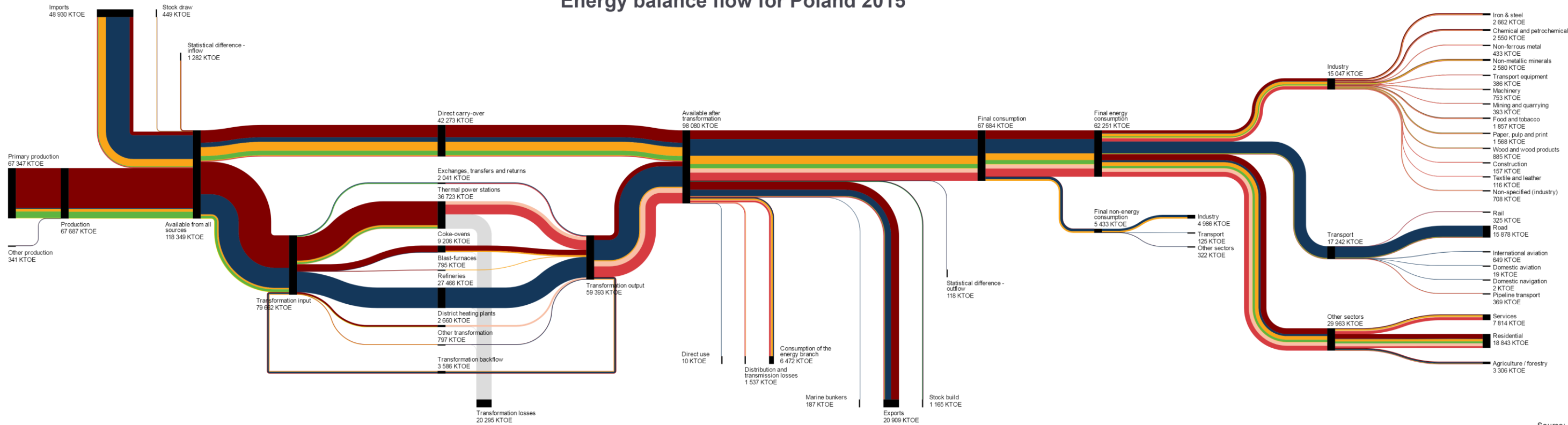


Source: Eurostat

Legend

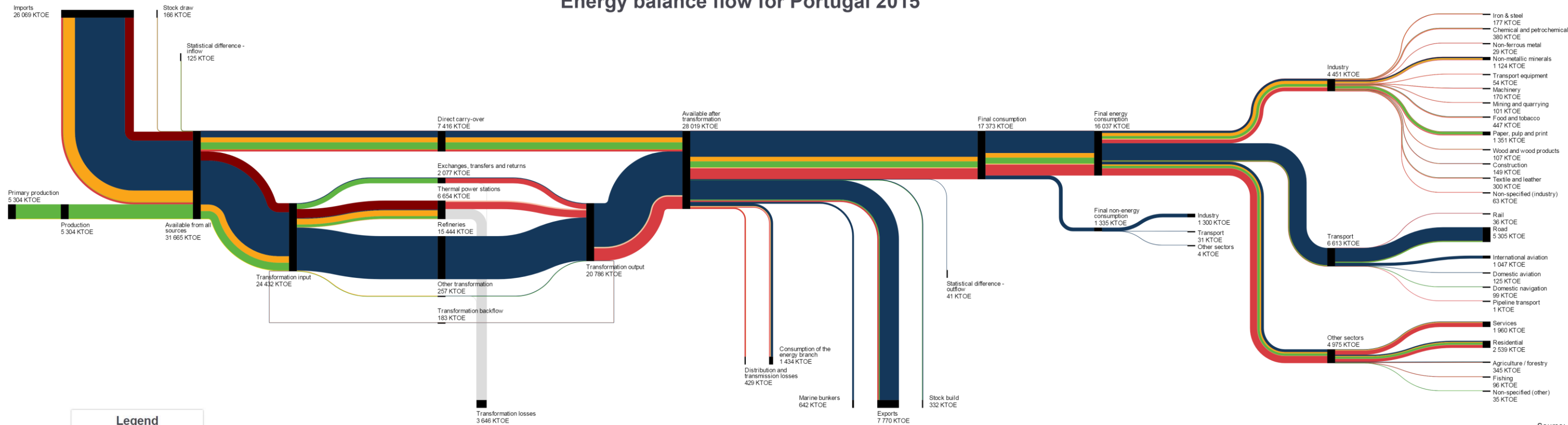
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Poland 2015



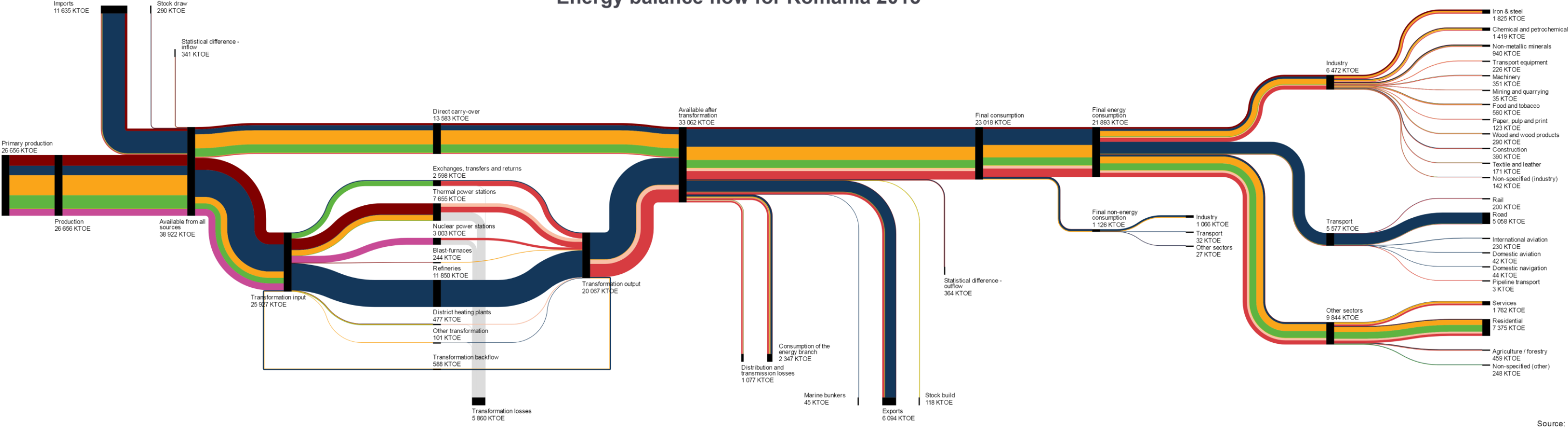
Source: Eurostat

Energy balance flow for Portugal 2015



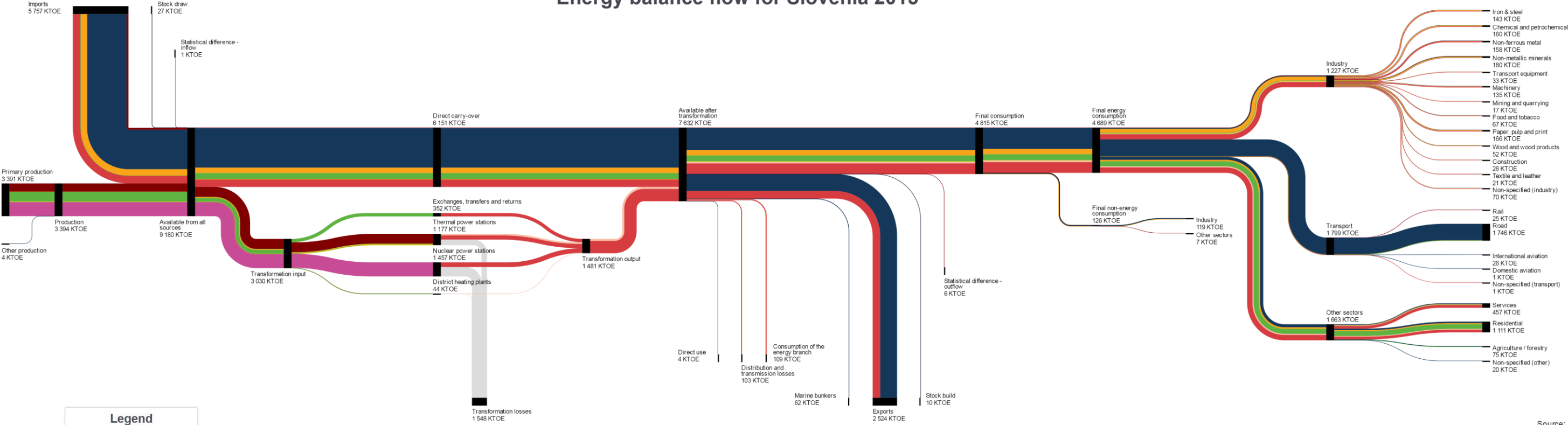
Source: Eurostat

Energy balance flow for Romania 2015



Source: Eurostat

Energy balance flow for Slovenia 2015

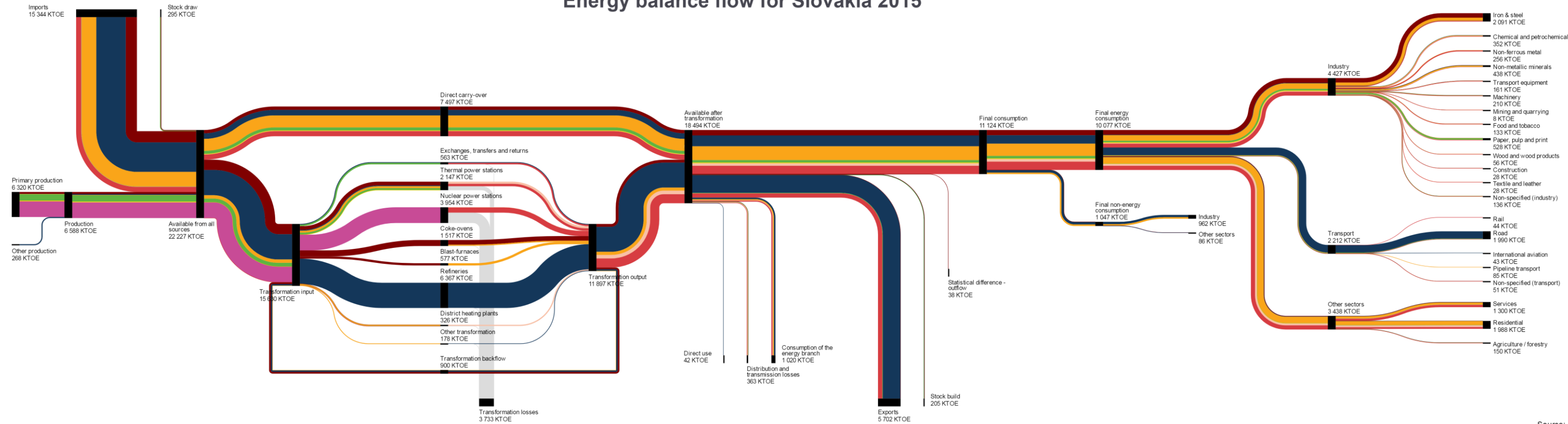


Source: Eurostat

Legend

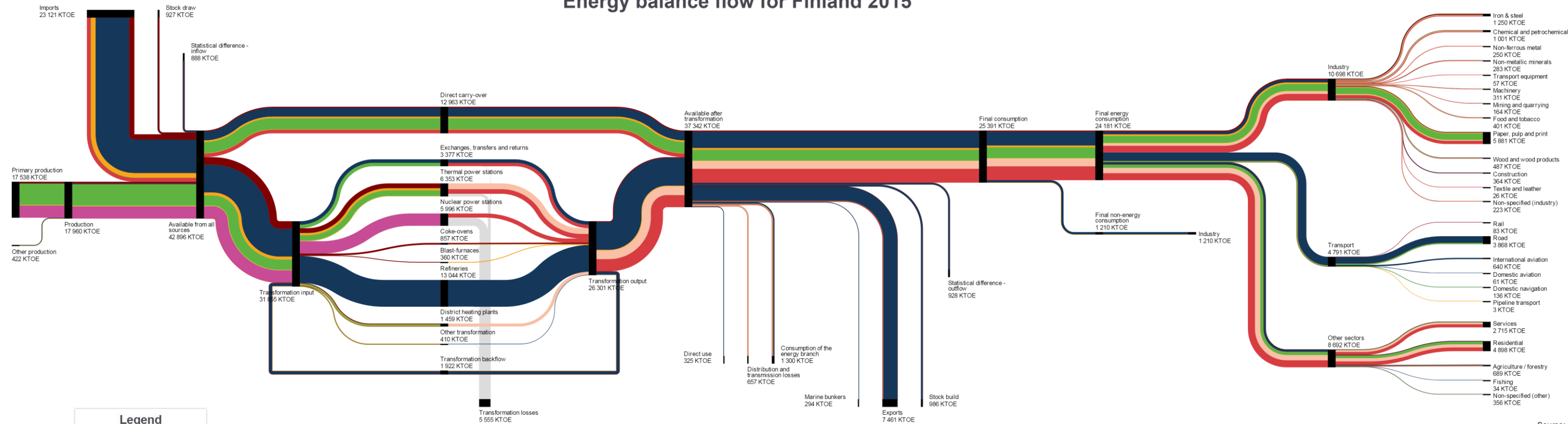
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Slovakia 2015

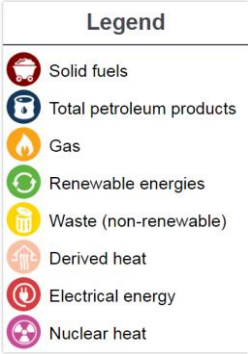


Source: Eurostat

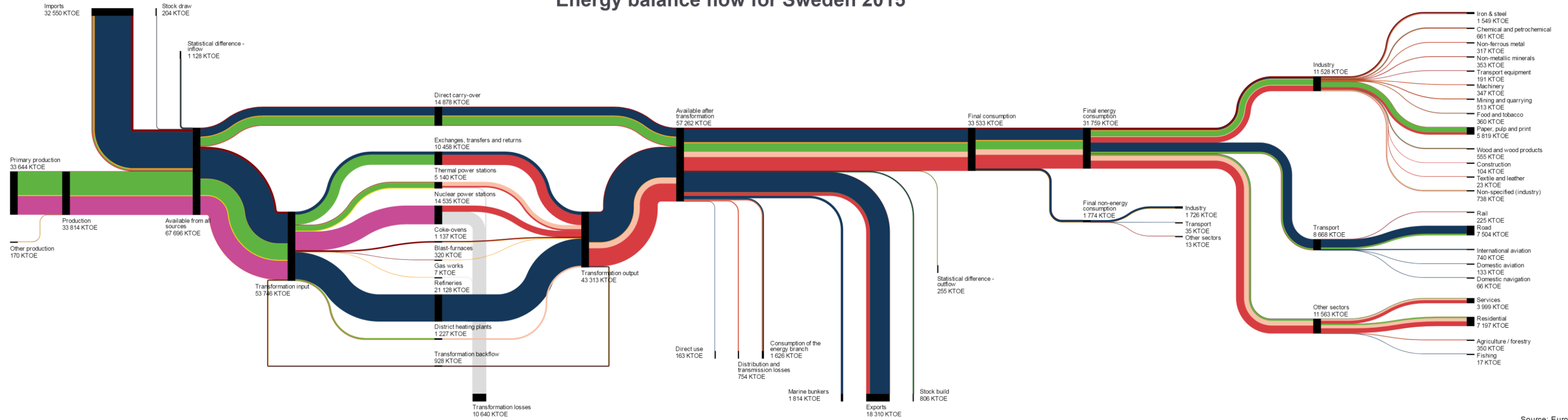
Energy balance flow for Finland 2015



Source: Eurostat

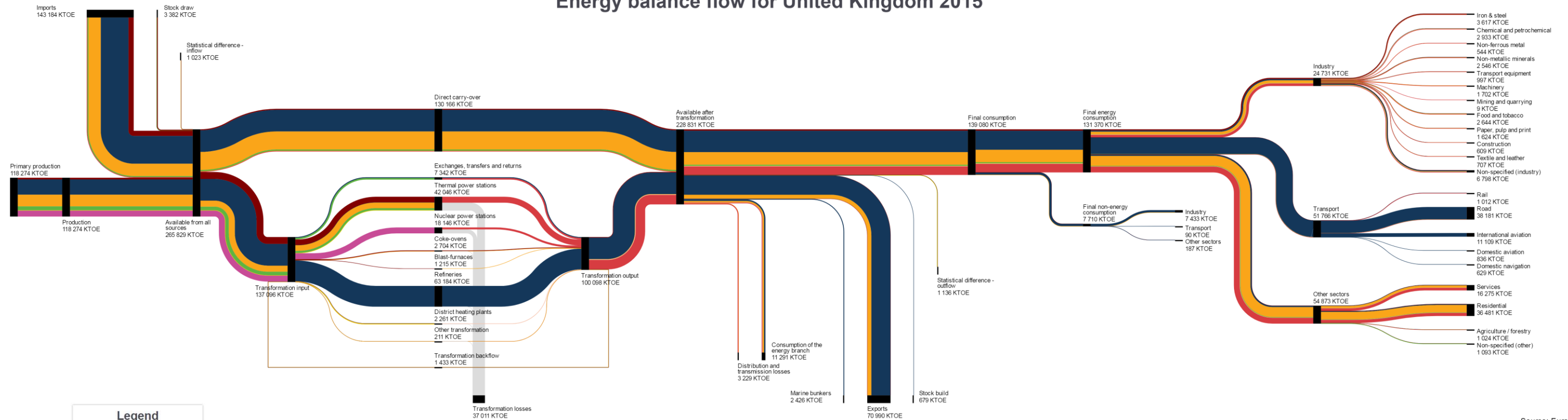


Energy balance flow for Sweden 2015



source: Eurostat

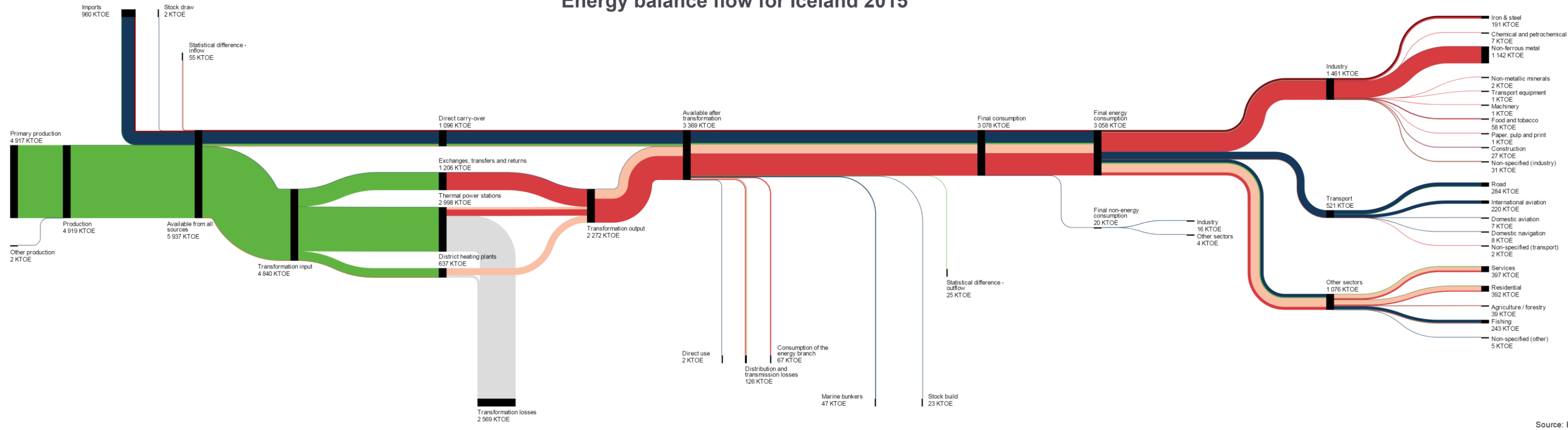
Energy balance flow for United Kingdom 2015



source: Eurostat

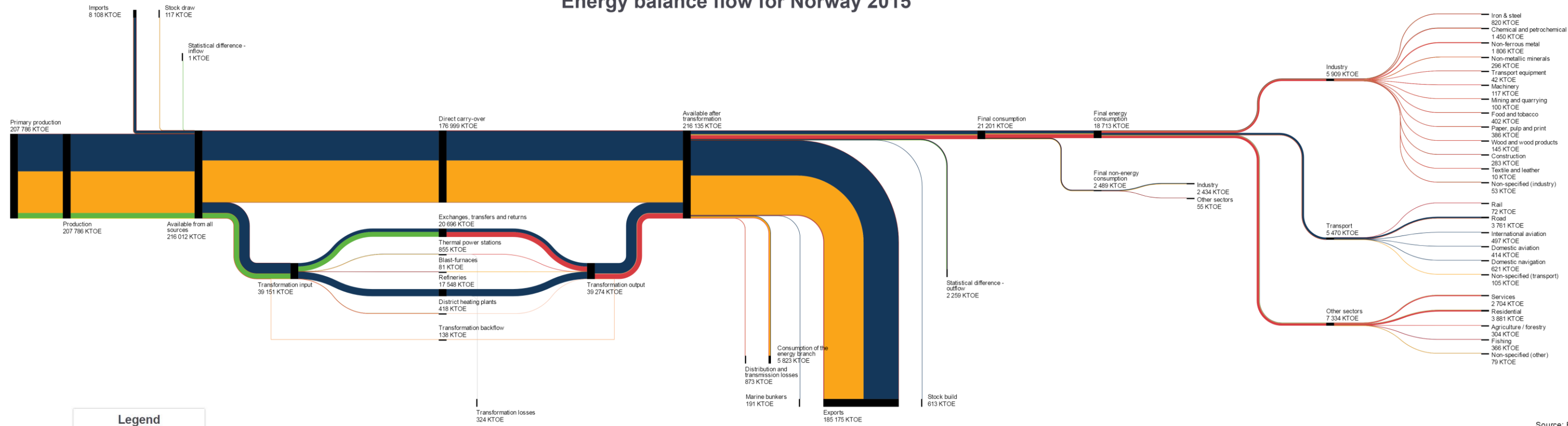
Legend	
	Solid fuels
	Total petroleum products
	Gas
	Renewable energies
	Waste (non-renewable)
	Derived heat
	Electrical energy
	Nuclear heat

Energy balance flow for Iceland 2015



Source: Eurostat

Energy balance flow for Norway 2015

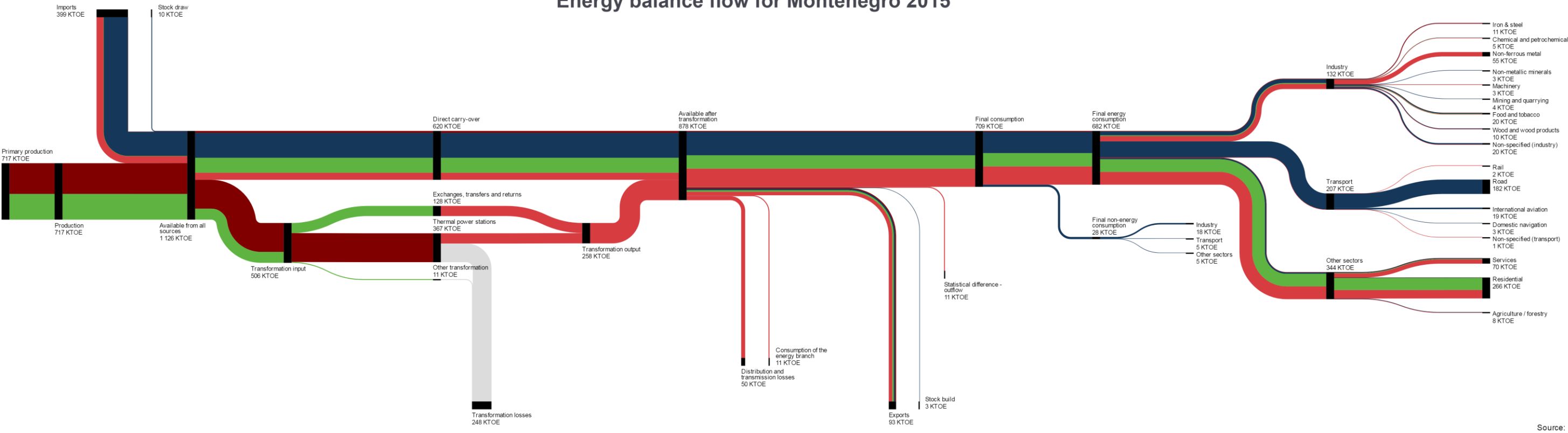


Source: Eurostat

Legend

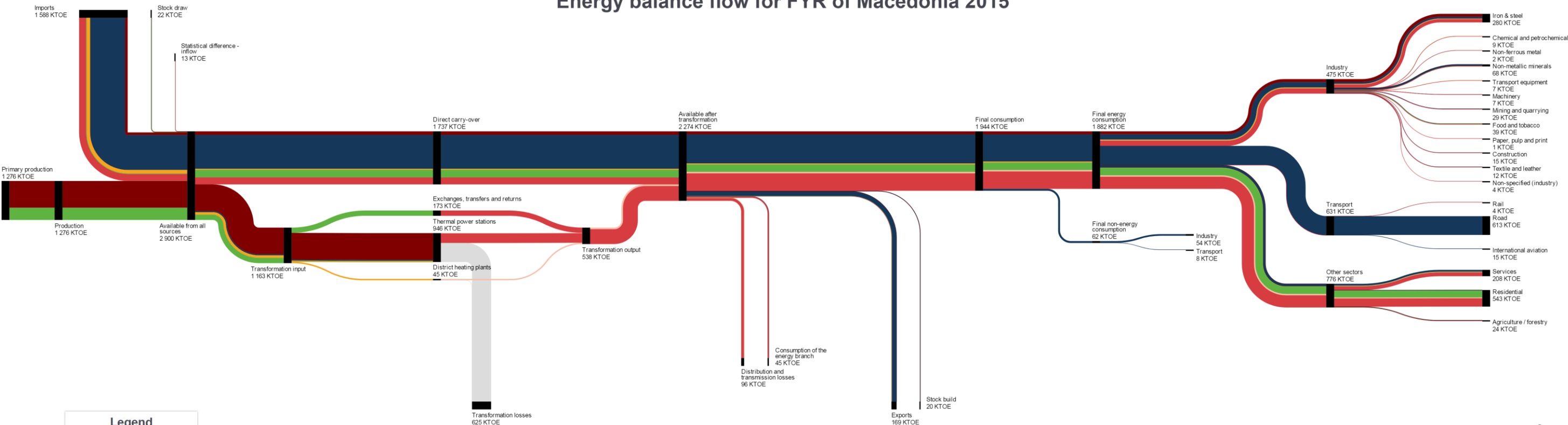
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Montenegro 2015



Source: Eurostat

Energy balance flow for FYR of Macedonia 2015

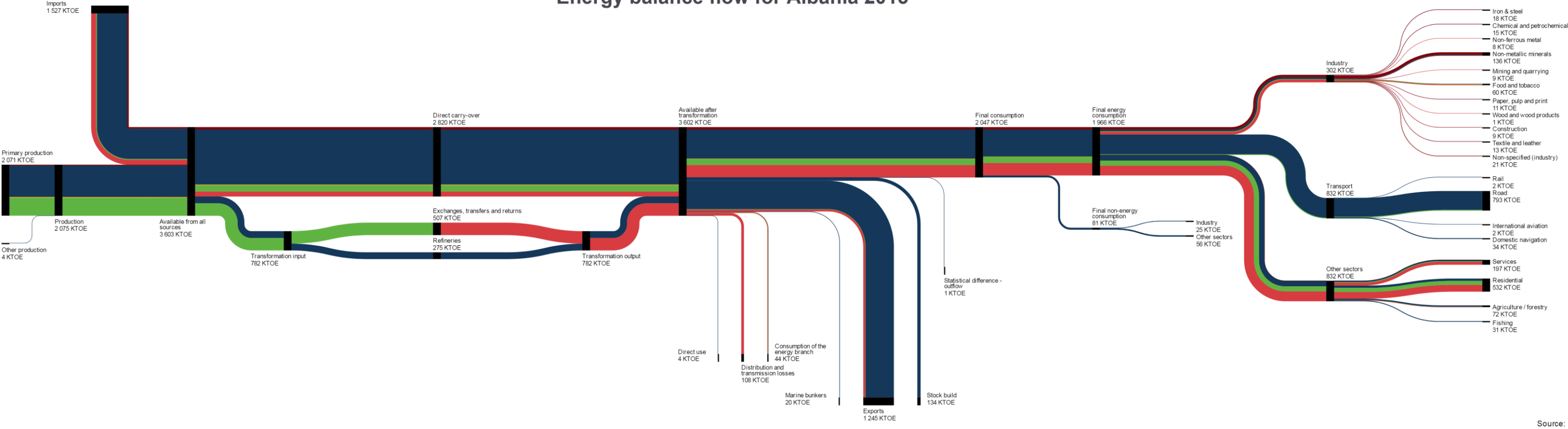


Source: Eurostat

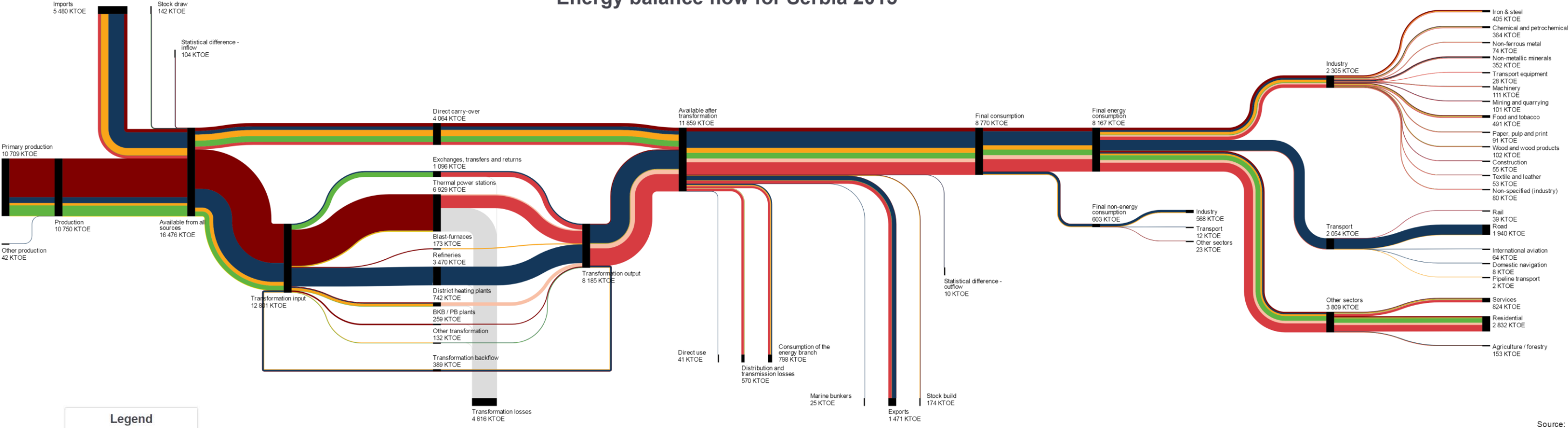
Legend

- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Albania 2015



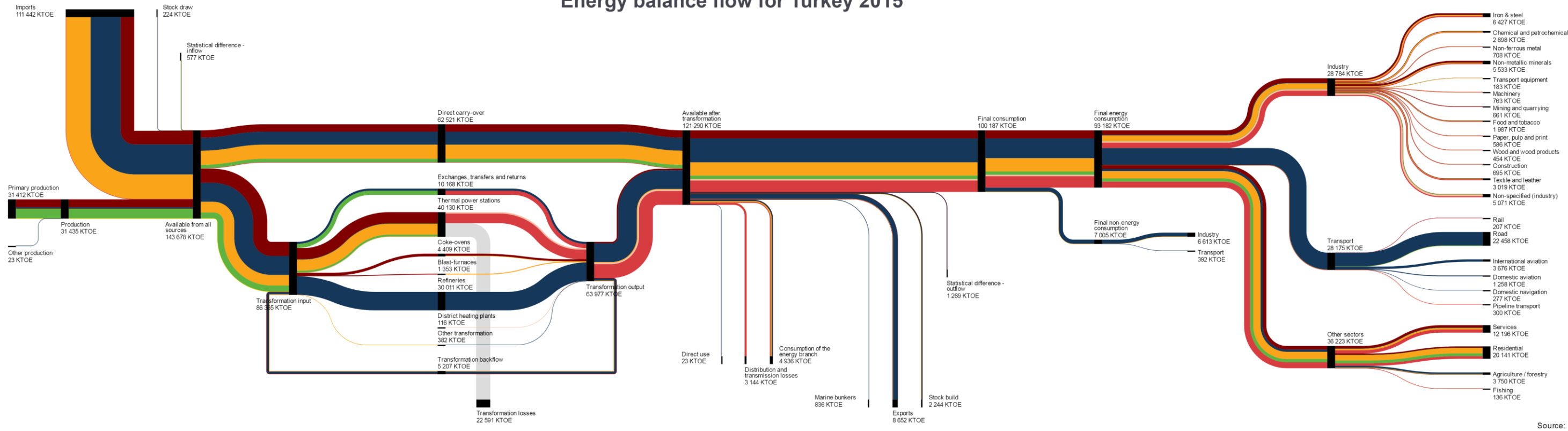
Energy balance flow for Serbia 2015



Legend

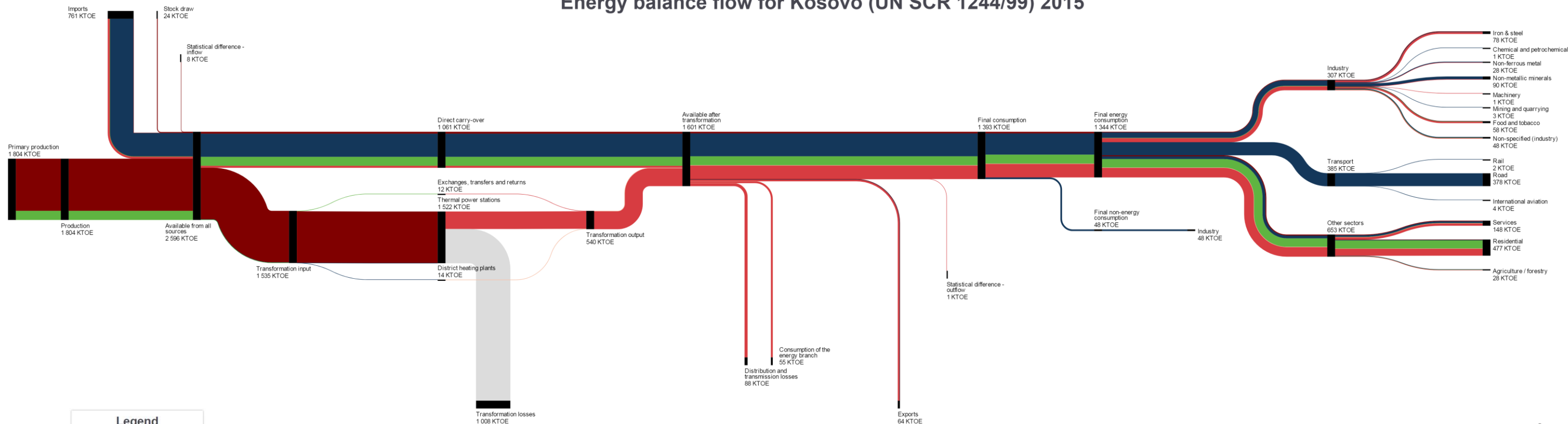
- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Turkey 2015



Source: Eurostat

Energy balance flow for Kosovo (UN SCR 1244/99) 2015

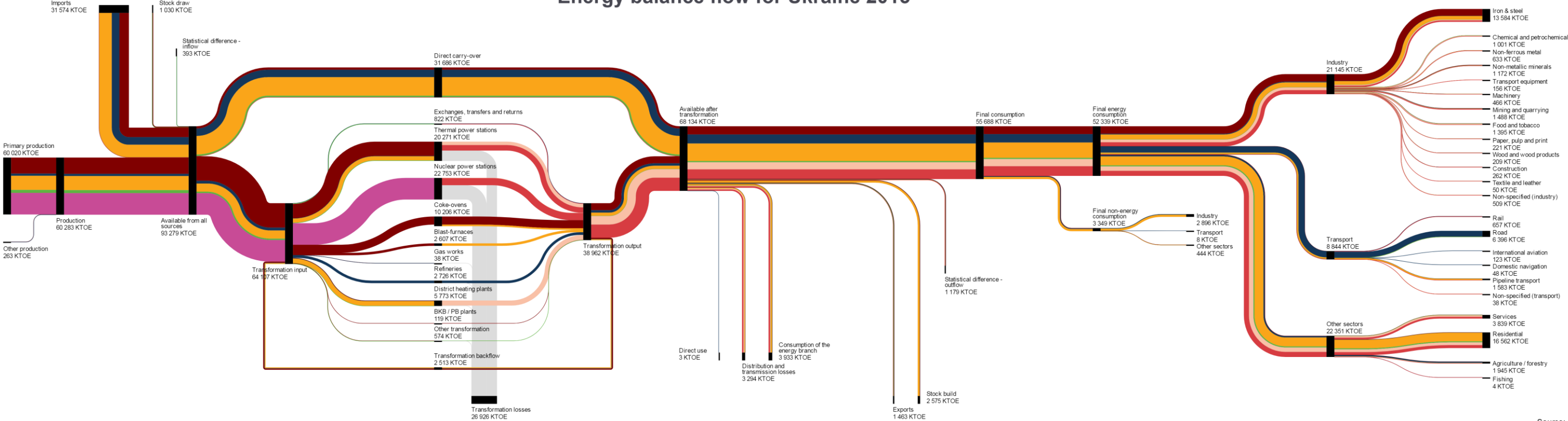


Source: Eurostat

Legend

- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

Energy balance flow for Ukraine 2015



Source: Eurostat

Legend

- Solid fuels
- Total petroleum products
- Gas
- Renewable energies
- Waste (non-renewable)
- Derived heat
- Electrical energy
- Nuclear heat

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- at the following standard number: +32 22999696 or
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Energy balance sheets

2015 DATA

The current publication presents the simplified energy balance sheets for 2015 and time series of key elements of energy balances for the years 1990, 1995, 2000, 2005, 2010, 2014 and 2015. Energy data are available for all Member States of the European Union as well as Iceland, Norway, Montenegro, the Former Yugoslav Republic of Macedonia, Albania, Serbia, Turkey, Kosovo (UNSCR 1244/99) and Ukraine. The energy balances have been constructed according to Eurostat's methodology on the basis of the energy content of each source and form of energy. The energy balances are expressed in thousands of tonnes of oil equivalent (ktoe).

For more information

<http://ec.europa.eu/eurostat/>

