Latvia ktoe 2019	Total	Solid fossil fuels	Manufac- tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non- renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	2 826.9	0.0	Z Z	1.8	0.0	0.0	0.0	2 813.1	12.0	0.0	0.0 Z	Z
+ Recovered & recycled products + Imports	7.5 4 292.8	46.3	0.0	0.0	0.0	7.5 2 332.3	1 103.7	0.0 383.5	Z 30.6	Z Z	0.0	396.5
- Exports	2 120.0	2.7	0.0	0.3	0.0	491.3	0.0	1 325.3	0.0	Z	0.0	300.3
+ Change in stock = Gross available energy	-64.8 4 942.4	-4.2 39.3	0.0	-0.5 1.0	0.0	-11.1 1 837.4	-0.4 1 103.3	-48.6 1 822.6	0.0 42.6	0.0	0.0	96.1
- International maritime bunkers	292.6	0.0	0.0	0.0	0.0	292.6	0.0	0.0	Z	Z	Z	Z
Gross inland consumption International aviation	4 649.8 156.9	39.3 Z	0.0 Z	1.0 Z	0.0 Z	1 544.8 156.9	1 103.3 Z	1 822.6 0.0	42.6 Z	0.0 Z	0.0 Z	96.1 Z
= Total energy supply	4 492.9	39.3	0.0	1.0	0.0	1 388.0	1 103.3	1 822.6	42.6	0.0	0.0	96.1
Transformation input + Electricity & heat generation	1 587.1 1 532.0	3.5 3.5	0.0	0.8	0.0	1.5 1.3	751.3 751.3	829.8 775.8	0.0	0.0	0.0	0.1 0.1
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces + Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z 	Z 	Z 	Z Z
+ Refineries & petrochemical industry	0.2	Z	Z	Z	Z	0.2	Z	Z	Z	Z	Z	Z
+ Patent fuel plants + BKB & PB plants	0.0	0.0	0.0	0.0	0.0	0.0 Z	Z Z	0.0	0.0	Z Z	Z Z	Z Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas + Liquid biofuels blended	0.0 39.1	Z 	0.0 Z	Z 	Z Z	0.0 Z	Z 	0.0 39.1	Z 	Z 	Z 	Z
+ Charcoal production plants	15.0	Z	Z	Z	Z	Z	Z	15.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified Transformation output	0.0 1 283.0	0.0	0.0	0.0 0.7	0.0 Z	0.0 0.2	0.0	0.0 45.1	0.0 Z	Z Z	683.4	553.6
+ Electricity & heat generation	1 237.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	683.4	553.6
+ Coke ovens + Blast furnaces	0.0	0.0	0.0	Z Z	Z 	Z	Z 	Z 	Z Z	Z Z	Z 	<u>Z</u>
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry + Patent fuel plants	0.2	0.0	Z Z	Z Z	Z Z	0.2 Z	Z Z	0.0 Z	Z Z	Z Z	Z Z	
+ BKB & PB plants	0.7	0.0	Z	0.7	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants + Blended in natural gas	0.0	Z Z	Z Z	Z Z	Z Z	0.0 Z	0.0	Z Z	Z Z	Z Z	Z Z	Z
+ Liquid biofuels blended	39.1	Z	Z	Z	Z	Z	Z	39.1	Z	Z	Z	<u>Z</u>
+ Charcoal production plants	6.0	Z	Z	Z	Z	Z	Z	6.0	Z	Z	Z	Z Z
+ Gas-to-liquids plants + Not elsewhere specified	0.0	0.0	0.0	0.0	Z Z	0.0	Z Z	Z Z	Z Z	Z Z	Z 	<u>Z</u>
Energy sector	87.7	0.0	0.0	0.0	0.0	9.0	13.6	0.0	0.0	Z	24.2	40.9
+ Own use in electricity & heat general + Coal mines	85.1 0.0	0.0	0.0	0.0	0.0	9.0	13.6	0.0	0.0	<u>Z</u> Z	21.6	40.9
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants + Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z 	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works + Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z 	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z 0.0	Z 0.0	Z 0.0	Z	Z Z	Z Z	Z Z	Z Z	Z Z	0.0	0.0
+ Coal liquefaction plants + Liquefaction & regasification plants (0.0	Z	Z	Z	0.0 Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants + Charcoal production plants	0.0	Z Z	Z Z	Z Z	Z Z	Z Z	0.0 Z	0.0	0.0	Z Z	0.0	0.0
+ Not elsewhere specified (energy)	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	2.6	0.0
Distribution losses Available for final consumption	129.9 3 971.3	0.0 35.8	0.0	0.0	0.0	0.0 1 377.6	14.9 323.6	0.0 1 037.8	0.0 42.6	0.0	78.2 581.0	36.8 572.0
Final non-energy consumption	89.3	0.0	0.0	0.0	0.0	89.3	0.0	0.0	Z	Z	Z	Z
Final energy consumption + Industry	3 928.1 852.6	35.8 29.0	0.0	0.9	0.0	1 334.5 49.6	323.6 97.3	1 037.8 395.6	42.6 42.6	Z Z	581.0 79.4	572.0 158.7
+ Iron & steel	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Z	0.0	1.0
+ Chemical & petrochemical + Non-ferrous metals	21.2	0.0	0.0	0.0	0.0	4.2 0.0	7.1 0.5	3.7 0.0	0.0	Z Z	1.0 0.0	5.2 0.4
+ Non-metallic minerals	162.4	28.3	0.0	0.0	0.0	7.9	29.8	29.4	42.6	Z	0.3	24.1
+ Transport equipment	5.7 15.8	0.0 0.0	0.0	0.0	0.0	1.1 0.8	0.9 4.1	0.0 2.6	0.0	Z Z	0.0 0.7	3.6 7.6
+ Machinery + Mining & quarrying	15.8	0.0	0.0	0.0	0.0	7.0	0.8	0.2	0.0	Z	0.7	2.6
+ Food, beverages & tobacco	78.1	0.3	0.0	0.0	0.0	6.8	29.9	10.8	0.0	Z	6.4	24.0
+ Paper, pulp & printing + Wood & wood products	5.3 488.0	0.0	0.0	0.0	0.0	0.1 10.2	2.3 10.4	0.4 326.5	0.0	Z 	0.1 68.8	71.8
+ Construction	26.7	0.2	0.0	0.0	0.0	11.0	6.5	1.1	0.0	Z	1.0	6.8
+ Textile & leather + Not elsewhere specified (industry)	7.2 29.6	0.0	0.0	0.0	0.0	0.1	4.0 1.0	0.2 20.4	0.0	Z Z	0.5	7.1
+ Transport	1 102.3	0.0	0.0	0.0	0.0	1 055.1	0.2	37.0	0.0	Z	Z	10.0
+ Rail + Road	51.0 1 048.8	0.0 Z	0.0 Z	0.0 Z	0.0 Z	43.9 1 009.3	0.2	1.3 35.7	0.0	Z 	Z Z	5.8 3.6
+ Domestic aviation	0.2	Z	Z	Z	Z	0.2	Z	0.0	Z	Z	Z	Z
+ Domestic navigation + Pipeline transport	1.7 0.6	0.0 Z	0.0 Z	0.0 Z	0.0 Z	1.7 0.0	0.0	0.0	0.0 Z	Z Z	Z Z	Z 0.6
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other + Commercial & public services	1 973.2 569.0	6.8 2.1	0.0	0.6 0.6	0.0	229.7 27.7	226.1 110.2	605.2 59.1	0.0 0.0	Z Z	501.6 124.3	403.2 244.9
+ Households	1 188.0	4.7	0.0	0.0	0.0	53.0	110.2	510.5	0.0	Z	367.3	141.8
+ Agriculture & forestry	201.6	0.0	0.0	0.0	0.0	135.7	5.1	35.5	0.0	Z	9.8	15.4
+ Fishing + Not elsewhere specified (other)	6.8 7.8	0.0	0.0	0.0	0.0	5.6 7.7	0.1	0.0	0.0	Z 	0.0	0.0
Statistical differences	-46.1	0.0	0.0	0.0	0.0	-46.1	0.0	0.0	0.0	0.0	0.0	0.0
Gross electricity production	553.6	0.0	0.0	0.0	0.0	0.0	279.1	274.5	0.0	0.0	Z	Z
Gross heat production Source: Eurostat (nrg_bal_c)	683.4	2.2	0.0	0.0	0.0	1.1	313.2	366.7	0.0	0.0	Z	0.1

Source: Eurostat (nrg_bal_c)
eurostat

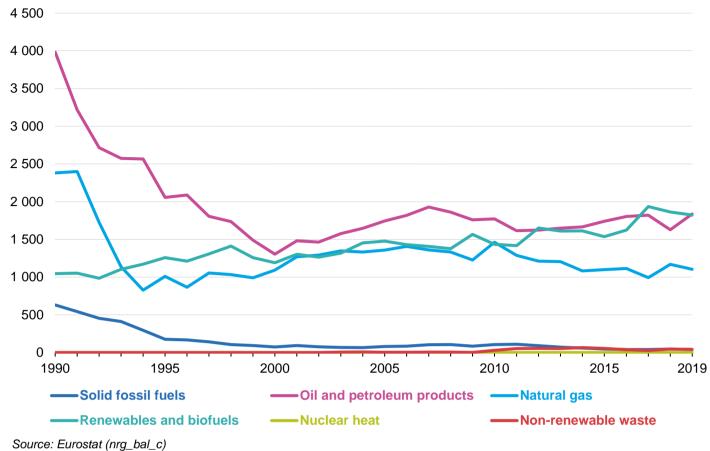
Latvia					ktoe				
Latvia	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross available energy	4 592	4 778	4 706	4 684	4 634	4 707	4 811	4 832	4 942
Solid fossil fuels	110	91	71	59	46	40	40	45	39
Peat & peat products	1	1	2	1	0	1	1	3	1
Oil shale & oil sands Crude oil & other hydrocarbons	0 2	0	0	0	0	0	0	0	0
Petroleum products	1 615	1 623	1 648	1 665	1 741	1 803	1 822	1 629	1 837
Natural gas	1 288	1 211	1 205	1 082	1 098	1 113	993	1 169	1 103
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	1 418	1 651	1 611	1 613	1 537	1 624	1 935	1 862	1 823
Non-renewable wastes	53	56	53	65	55	37	26	45	43
Primary production	2 075	2 337	2 143	2 380	2 338	2 447	2 587	2 861	2 827
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat Oil shale and oil sands	0	2 0	2 0	<u>1</u>	0	1	0	0	2
Crude oil & other hydrocarbons	0	0	0	0	0	0	0 0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	2 071	2 331	2 137	2 371	2 330	2 437	2 580	2 847	2 813
Non-renewable wastes	4	3	4	8	8	9	7	12	12
Net imports	2 749	2 694	2 630	1 901	2 372	2 219	2 120	2 141	2 173
Solid fossil fuels	112	90	65	46	39	35	36	41	44
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	915	980	956	873	1 160	1 302	1 202	1 072	1 296
Motor Gasoline (w/o bio)	265	239	215	205	202	203	185	184	177
Naphtha LPG	59	0 78	0 90	0 103	0 97	0 101	0 103	0 92	0 83
All other oil & petroleum products	1 644	1 650	1 654	1 539	1 791	1 968	1 824	1 597	1 841
Natural gas	1 410	1 378	1 392	780	1 083	923	1 013	1 155	1 104
Transformation input	1 349	1 395	1 466	1 329	1 391	1 527	1 622	1 644	1 587
Electricity & heat generation	1 308	1 359	1 430	1 286	1 350	1 497	1 588	1 589	1 532
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	1 154	1 202	1 189	1 090	1 116	1 266	1 384	1 334	1 283
Electricity & heat generation	1 121	1 172 0	1 161 0	1 057 0	1 084 0	1 244 0	1 364 0	1 287 0	1 237
Refinery output Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	87	82	86	91	87	90	86	88	88
Distribution losses	151	151	143	134	124	134	138	135	130
Available for final consumption	3 827	3 994	3 838	3 878	3 786	3 784	3 950	4 107	3 971
Solid fossil fuels	97	77	59	53	42	35	37	42	36
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	1	1	0	1	0	1	0	1	1
Oil shale & oil sands Gas/Diesel Oil (w/o bio)	835	0 833	0 857	0 894	0 954	960	0 1 036	1.046	1 026
Motor Gasoline (w/o bio)	264	230	214	224	206	198	189	1 046 183	177
Naphtha	0	0	0	0	0	0	0	0	0
LPG	58	78	91	101	98	99	101	93	82
All other oil & petroleum products	1 261	1 248	1 274	1 317	1 371	1 359	1 414	1 428	1 378
Natural gas	397	402	350	327	317	321	328	344	324
Primary solid biofuels & charcoal	957	1 057	987	1 010	906	870	940	996	965
Liquid biofuels	25	22	22	24	25	13	11	40	39
All other renewable energies	986	1 086	1 019	1 045	941	892	982	1 072	1 038
Non-renewable wastes	53	56	53	65	55	37	26	45	43
Electricity	532	589	565	566	556 504	557	558	573	572
Heat Statistical difference	499 -21	535 -13	518 -1	505 8	504 -7	581 -10	605 -11	602 -18	581 -46
Final non-energy consumption	97	98	107	94	113	97	85	101	89
Final energy consumption	3 751	3 908	3 732	3 776	3 680	3 697	3 875	4 025	3 928
Industry	748	827	768	791	788	749	793	898	853
Transport	965	930	940	982	1 038	1 034	1 081	1 109	1 102
Other sectors	2 039	2 151	2 025	2 003	1 855	1 915	2 001	2 018	1 973
Services	557	623	600	609	586	592	607	592	569
Households	1 327	1 376	1 267	1 238	1 106	1 143	1 196	1 231	1 188

2030 indicators	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross inland consumption	4 377	4 538	4 466	4 452	4 379	4 392	4 550	4 792	4 649
Primary energy consumption	4 280	4 440	4 359	4 358	4 266	4 295	4 465	4 692	4 560
Final energy consumption	3 869	4 027	3 855	3 885	3 788	3 820	4 014	4 177	4 084

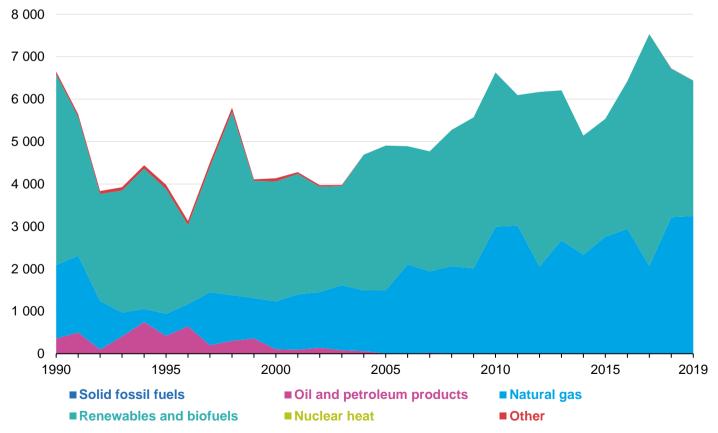
Source: Eurostat (nrg_bal_c)

Latvia

Gross available energy by fuel, ktoe



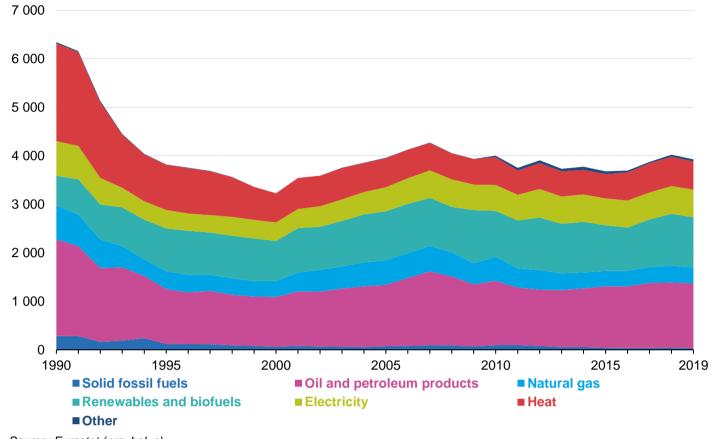
Gross electricity production by fuel, GWh



Source: Eurostat (nrg_bal_c)

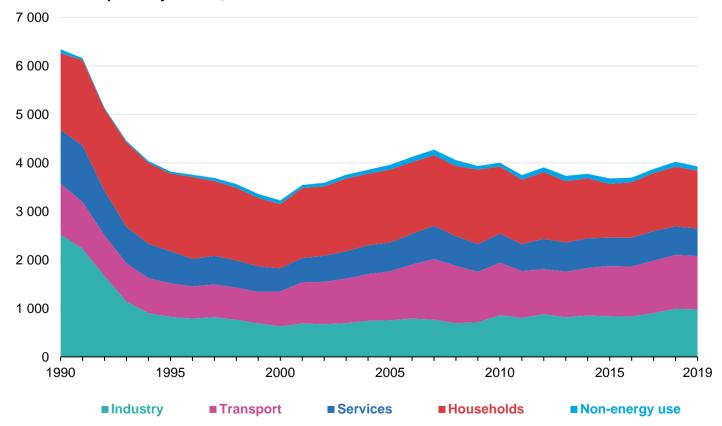
Latvia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production

Latvia

GWh	2014	2015	2016	2017	2018	2019	2020P
Total	5 139	5 534	6 426	7 531	6 725	6 438	5 725 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2014	2015	2016	2017	2018	2019	2020P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	7	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	7	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2014	2015	2016	2017	2018	2019	2020P
Natural gas	2 337	2 756	2 944	2 069	3 219	3 246	2 075 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	2 337	2 756	2 944	2 069	3 219	3 246	2 075 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2014	2015	2016	2017	2018	2019	2020P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	1	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	0	1	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2014	2015	2016	2017	2018	2019	2020P
Hydro	1 994	1 860	2 530	4 381	2 432	2 108	2 603 P
Geothermal	0	0	0	0	0	0	0 P
Wind	140	147	128	150	122	154	177 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	0	1	3	5 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	319	378	427	525	570	575	520 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	350	392	397	405	374	352	345 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	2 802	2 777	3 482	5 462	3 499	3 192	3 650 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2014	2015	2016	2017	2018	2019	2020P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2014	2015	2016	2017	2018	2019	2020P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2014	2015	2016	2017	2018	2019	2020P
Anthracite	0	0	1	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	102	81	70	70	78	67	39 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	3	1	3	3	12	5	3 P
Peat products	0	0	0	1	1	1	1 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2014	2015	2016	2017	2018	2019	2020P
Natural gas	50 318	51 097	51 790	46 192	54 384	51 327	42 345 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	2	1	1	0	0	0	0 P
Refinery intake	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

2014	2015	2016	2017	2018	2019	2020P
2 326	2 705	2 739	2 541	2 433	2 285	1 978 P
816	948	806	750	868	479	288 P
0	0	0	0	0	0	0 P
0	0	0	0	0	0	0 P
0	0	0	0	0	0	0 P
0	0	0	0	0	0	0 P
0	0	0	0	0	0	0 P
0	0	0	0	0	0	0 P
0	0	0	0	0	0	0 P
	2 326	2 326 2 705	2 326 2 705 2 739	2 326 2 705 2 739 2 541	2 326 2 705 2 739 2 541 2 433	2 326 2 705 2 739 2 541 2 433 2 285

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2014	2015	2016	2017	2018	2019	2020P
Primary solid biofuels [TJ]	56 020	52 696	54 419	59 779	62 567	62 327	60 237 P
Charcoal [kt]	3	2	2	2	2	3	3 P
Biogases [TJ]	3 136	3 674	3 762	3 902	3 643	3 376	3 359 P
Pure biogasoline [kt]	10	12	13	12	13	11	20 P
Pure biodiesels [kt]	20	19	4	3	33	35	40 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Renewable municipal waste	0	0	0	845	1 053	934	1 488 P
Non-renewable municipal waste	2 370	1 995	1 338	952	1 534	1 422	1 785 P
Industrial waste (non-renewable)	364	308	198	140	360	363	418 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	5	0 P
Ambinet heat (heat pumps)	0	0	0	43	43	43	43 P

Source: Eurostat (nrg_cb_rw)