

Portugal 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	6 561.1	0.0	Z	0.0	0.0	0.0	0.0	6 399.0	162.1	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	24 072.4	1 524.4	0.0	0.0	0.0	16 456.0	5 299.0	70.4	26.3	Z	0.0	696.4
- Exports	5 708.7	0.0	0.0	0.0	0.0	4 899.5	0.0	405.0	0.0	Z	0.0	404.1
+ Change in stock	-58.0	-276.2	0.0	0.0	0.0	218.9	3.7	-4.3	0.0	Z	Z	Z
<b>= Gross available energy</b>	<b>24 866.9</b>	<b>1 248.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>11 775.3</b>	<b>5 302.7</b>	<b>6 060.1</b>	<b>188.5</b>	<b>0.0</b>	<b>0.0</b>	<b>292.3</b>
- International maritime bunkers	952.3	0.0	0.0	0.0	0.0	952.3	0.0	0.0	Z	Z	Z	Z
<b>= Gross inland consumption</b>	<b>23 914.6</b>	<b>1 248.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10 823.0</b>	<b>5 302.7</b>	<b>6 060.1</b>	<b>188.5</b>	<b>0.0</b>	<b>0.0</b>	<b>292.3</b>
- International aviation	1 458.2	Z	Z	Z	Z	1 458.2	Z	0.0	Z	Z	Z	Z
<b>= Total energy supply</b>	<b>22 456.5</b>	<b>1 248.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9 364.8</b>	<b>5 302.7</b>	<b>6 060.1</b>	<b>188.5</b>	<b>0.0</b>	<b>0.0</b>	<b>292.3</b>
<b>Transformation input</b>	<b>22 247.0</b>	<b>1 237.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13 941.9</b>	<b>3 375.9</b>	<b>3 433.3</b>	<b>101.0</b>	<b>0.0</b>	<b>0.0</b>	<b>157.1</b>
+ Electricity & heat generation	8 047.0	1 237.9	0.0	0.0	0.0	250.6	3 153.5	3 147.0	101.0	0.0	0.0	157.1
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	13 691.4	Z	Z	Z	Z	13 691.4	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	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	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	270.5	Z	Z	Z	Z	Z	Z	270.5	Z	Z	Z	Z
+ Charcoal production plants	15.9	Z	Z	Z	Z	Z	Z	15.9	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	222.3	0.0	0.0	0.0	0.0	0.0	222.3	0.0	0.0	Z	Z	Z
<b>Transformation output</b>	<b>18 999.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Z</b>	<b>13 652.7</b>	<b>0.0</b>	<b>276.8</b>	<b>Z</b>	<b>Z</b>	<b>499.8</b>	<b>4 570.4</b>
+ Electricity & heat generation	5 070.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	499.8	4 570.4
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	13 464.5	Z	Z	Z	Z	13 464.5	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	270.5	Z	Z	Z	Z	Z	Z	270.5	Z	Z	Z	Z
+ Charcoal production plants	6.3	Z	Z	Z	Z	Z	Z	6.3	Z	Z	Z	Z
+ Gas-to-liquids plants	188.2	Z	Z	Z	Z	188.2	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
<b>Energy sector</b>	<b>1 193.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>682.8</b>	<b>94.7</b>	<b>0.0</b>	<b>0.0</b>	<b>Z</b>	<b>252.6</b>	<b>163.4</b>
+ Own use in electricity & heat genera	83.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	83.3
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ 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	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ 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)	1 087.9	0.0	0.0	0.0	0.0	682.8	94.7	0.0	0.0	Z	252.6	57.8
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	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	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	22.3
<b>Distribution losses</b>	<b>431.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>6.3</b>	<b>0.0</b>	<b>0.0</b>	<b>Z</b>	<b>0.0</b>	<b>425.4</b>
<b>Available for final consumption</b>	<b>17 583.9</b>	<b>10.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8 392.8</b>	<b>1 825.8</b>	<b>2 903.6</b>	<b>87.5</b>	<b>0.0</b>	<b>247.2</b>	<b>4 116.9</b>
<b>Final non-energy consumption</b>	<b>1 154.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1 154.9</b>	<b>0.0</b>	<b>0.0</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>
<b>Final energy consumption</b>	<b>16 354.7</b>	<b>10.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7 173.4</b>	<b>1 814.9</b>	<b>2 904.0</b>	<b>87.5</b>	<b>Z</b>	<b>247.2</b>	<b>4 116.9</b>
+ Industry	4 618.1	10.8	0.0	0.0	0.0	547.1	1 258.1	1 056.6	87.5	Z	222.5	1 435.6
+ Iron & steel	194.2	5.0	0.0	0.0	0.0	1.9	50.0	0.1	0.0	Z	0.0	137.1
+ Chemical & petrochemical	467.5	0.0	0.0	0.0	0.0	5.9	175.8	5.0	1.0	Z	63.3	216.5
+ Non-ferrous metals	27.2	0.0	0.0	0.0	0.0	2.1	16.0	0.0	0.0	Z	0.0	9.1
+ Non-metallic minerals	1 093.6	5.5	0.0	0.0	0.0	283.8	456.2	90.4	86.5	Z	7.1	164.1
+ Transport equipment	83.0	0.0	0.0	0.0	0.0	7.6	25.4	0.3	0.0	Z	0.0	49.8
+ Machinery	153.9	0.0	0.0	0.0	0.0	16.4	35.5	0.4	0.0	Z	1.2	100.4
+ Mining & quarrying	76.1	0.0	0.0	0.0	0.0	30.2	2.6	1.6	41.0	Z	0.4	41.3
+ Food, beverages & tobacco	465.4	0.0	0.0	0.0	0.0	65.5	161.8	30.8	0.0	Z	27.7	179.5
+ Paper, pulp & printing	1 390.1	0.0	0.0	0.0	0.0	37.1	157.8	843.0	0.0	Z	82.7	269.4
+ Wood & wood products	146.9	0.0	0.0	0.0	0.0	5.2	9.3	65.0	0.0	Z	0.0	67.4
+ Construction	145.4	0.0	0.0	0.0	0.0	80.9	14.0	3.5	0.0	Z	0.0	46.9
+ Textile & leather	304.5	0.0	0.0	0.0	0.0	7.7	141.4	14.3	0.0	Z	34.4	106.6
+ Not elsewhere specified (industry)	70.3	0.2	0.0	0.0	0.0	2.7	12.1	2.1	0.0	Z	5.7	47.5
+ Transport	5 982.7	0.0	0.0	0.0	0.0	5 650.5	17.5	272.1	0.0	Z	Z	42.5
+ Rail	51.0	0.0	0.0	0.0	0.0	10.0	Z	0.0	0.0	Z	Z	41.0
+ Road	5 676.9	Z	Z	Z	Z	5 387.9	17.5	270.5	0.0	Z	Z	1.0
+ Domestic aviation	166.4	Z	Z	Z	Z	166.4	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	87.8	0.0	0.0	0.0	0.0	86.2	Z	1.6	0.0	Z	Z	Z
+ Pipeline transport	0.5	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.5
+ 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	5 753.9	0.0	0.0	0.0	0.0	975.8	539.3	1 575.3	0.0	Z	24.7	2 638.8
+ Commercial & public services	2 359.2	0.0	0.0	0.0	0.0	165.7	247.5	508.2	0.0	Z	23.9	1 413.9
+ Households	2 891.3	0.0	0.0	0.0	0.0	407.6	285.3	1 060.6	0.0	Z	0.9	1 137.0
+ Agriculture & forestry	380.0	0.0	0.0	0.0	0.0	285.7	6.5	5.5	0.0	Z	0.0	82.3
+ Fishing	97.4	0.0	0.0	0.0	0.0	91.1	0.0	0.8	0.0	Z	0.0	5.6
+ Not elsewhere specified (other)	26.0	0.0	0.0	0.0	0.0	25.7	0.0	0.3	0.0	Z	0.0	0.0
<b>Statistical differences</b>	<b>74.3</b>	<b>-0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>64.4</b>	<b>10.9</b>	<b>-0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>-0.0</b>	<b>-0.0</b>
Gross electricity production	4 570.4	475.7	0.0	0.0	0.0	107.8	1 484.4	2 479.0	23.6	0.0	Z	Z
Gross heat production	499.8	0.0	0.0	0.0	0.0	5.0	494.8	0.0	0.0	0.0	Z	0.0

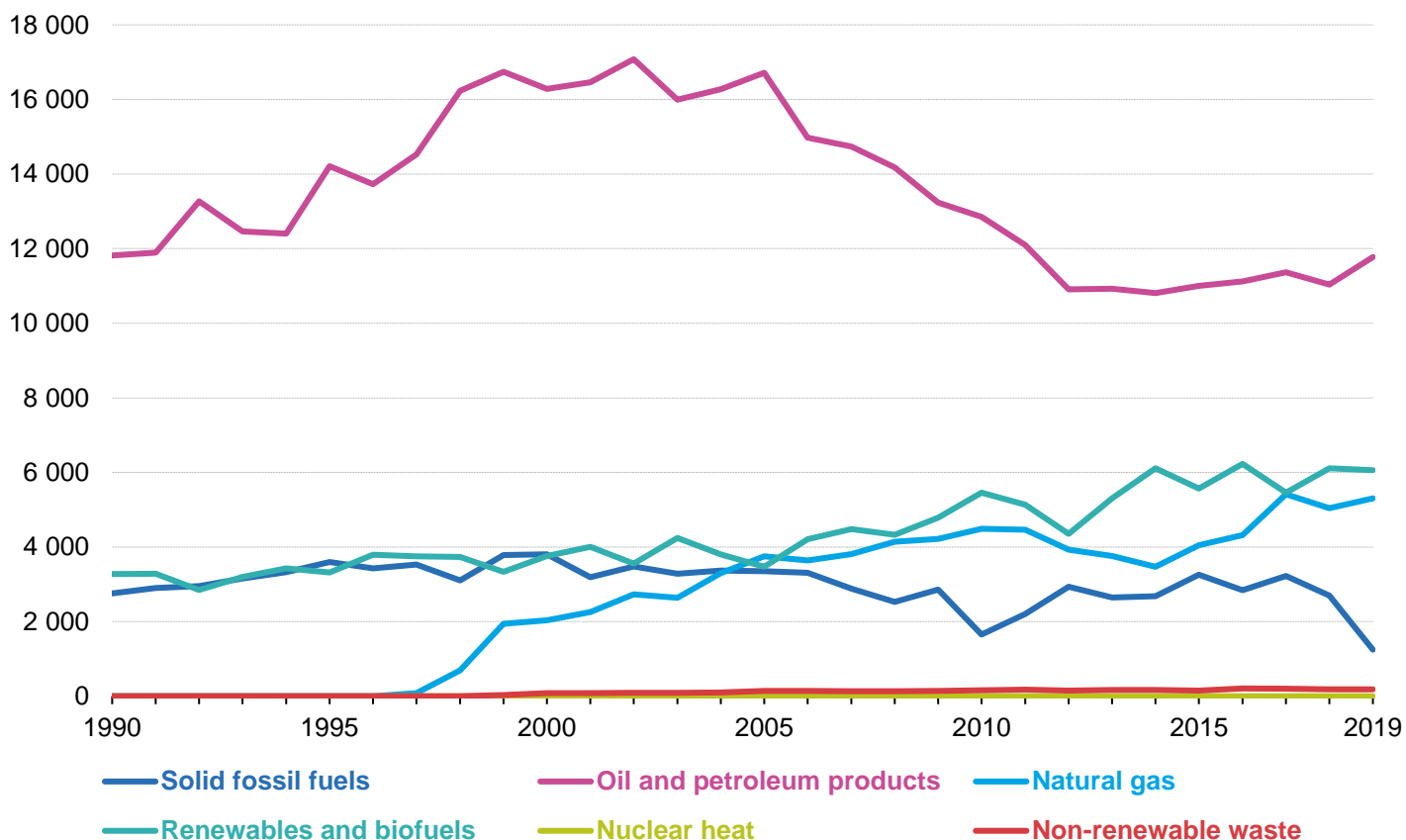
Source: Eurostat (nrg\_bal\_c)

Portugal	ktoe								
	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Gross available energy</b>	24 329	22 966	23 040	23 321	24 230	24 294	25 430	24 834	24 867
Solid fossil fuels	2 208	2 934	2 650	2 680	3 258	2 846	3 227	2 696	1 248
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	11 043	11 900	14 084	12 654	15 165	14 981	15 532	13 878	12 844
Petroleum products	12 095	10 912	10 923	10 809	11 001	11 125	11 363	11 033	11 775
Natural gas	4 464	3 933	3 756	3 473	4 051	4 323	5 415	5 043	5 303
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	5 138	4 355	5 301	6 108	5 566	6 230	5 456	6 109	6 060
Non-renewable wastes	180	152	170	170	155	208	198	181	188
<b>Primary production</b>	5 531	4 709	5 752	6 578	5 908	6 606	5 849	6 504	6 561
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	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	5 380	4 563	5 607	6 430	5 783	6 432	5 696	6 355	6 399
Non-renewable wastes	149	144	144	146	122	174	153	150	162
<b>Net imports</b>	18 926	18 249	16 899	16 379	18 486	17 543	19 819	18 779	18 364
Solid fossil fuels	2 148	3 032	2 529	2 597	3 209	2 912	3 408	2 667	1 524
Crude oil	10 634	11 368	12 551	10 838	14 360	14 115	14 588	13 005	11 478
Gas/Diesel Oil (w/o bio)	1 262	547	-1 148	-615	-1 562	-1 149	-1 218	-287	359
Motor Gasoline (w/o bio)	-639	-778	-1 255	-867	-1 738	-1 660	-1 851	-1 573	-1 398
Naphtha	259	-335	-182	-272	-367	-488	-561	-586	-434
LPG	439	389	589	862	735	680	618	531	736
All other oil & petroleum products	12 195	10 822	10 611	10 526	11 190	10 981	11 386	11 467	11 556
Natural gas	4 533	3 922	3 813	3 475	4 065	4 261	5 438	5 097	5 299
<b>Transformation input</b>	19 744	20 307	23 182	22 244	25 256	25 592	26 875	24 669	22 247
Electricity & heat generation	8 234	7 833	7 952	8 041	8 610	9 167	9 799	9 323	8 047
Refinery intake	11 117	12 028	14 494	13 170	15 623	15 427	16 020	14 330	13 264
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
<b>Transformation output</b>	16 404	16 811	19 992	18 964	21 364	21 787	22 372	20 670	19 000
Electricity & heat generation	5 004	4 521	5 054	5 052	4 976	5 637	5 566	5 610	5 070
Refinery output	11 008	11 875	14 250	12 919	15 426	15 234	15 814	14 099	13 047
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
<b>Energy sector</b>	1 000	1 067	1 507	1 225	1 370	1 424	1 417	1 286	1 193
<b>Distribution losses</b>	356	423	474	452	429	426	445	441	432
<b>Available for final consumption</b>	18 159	16 453	16 292	16 792	16 851	16 727	17 007	16 934	17 584
Solid fossil fuels	8	25	25	14	12	14	-9	12	10
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	4 887	4 418	4 317	4 394	4 502	4 657	4 733	4 824	4 917
Motor Gasoline (w/o bio)	1 313	1 209	1 132	1 133	1 092	1 073	1 088	1 054	1 114
Naphtha	1 246	959	803	758	694	564	667	338	578
LPG	769	625	894	1 066	927	862	785	700	876
All other oil & petroleum products	9 470	8 247	8 107	8 269	8 238	8 040	8 219	7 836	8 393
Natural gas	1 582	1 640	1 628	1 539	1 580	1 607	1 712	1 828	1 826
Primary solid biofuels & charcoal	2 162	1 756	1 837	1 741	1 719	1 773	1 772	1 764	1 812
Liquid biofuels	307	286	275	274	342	278	253	272	283
All other renewable energies	2 530	2 156	2 217	2 727	2 782	2 775	2 774	2 817	2 904
Non-renewable wastes	76	63	70	86	56	90	96	87	87
Electricity	4 159	3 976	3 891	3 886	3 939	3 989	4 010	4 124	4 117
Heat	334	345	352	270	244	211	206	230	247
<b>Statistical difference</b>	-38	23	25	-31	-35	-75	-98	61	74
<b>Final non-energy consumption</b>	1 755	1 318	1 358	1 437	1 335	1 161	1 204	721	1 155
<b>Final energy consumption</b>	16 441	15 112	14 908	15 386	15 551	15 641	15 901	16 153	16 355
Industry	5 352	4 606	4 599	4 405	4 412	4 381	4 525	4 554	4 618
Transport	6 002	5 531	5 435	5 464	5 555	5 691	5 789	5 848	5 983
Other sectors	5 087	4 974	4 874	5 517	5 584	5 568	5 587	5 751	5 754
Services	1 856	1 843	1 787	2 285	2 356	2 290	2 301	2 381	2 359
Households	2 777	2 695	2 635	2 777	2 752	2 819	2 802	2 878	2 891
<b>2030 indicators</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Gross inland consumption	23 768	22 360	22 395	22 118	22 985	22 927	24 028	23 376	23 233
Primary energy consumption	22 013	21 043	21 037	20 681	21 649	21 766	22 825	22 655	22 078
Final energy consumption	17 356	16 035	15 842	15 758	15 997	16 186	16 557	16 867	17 132

Source: Eurostat (nrg\_bal\_c)

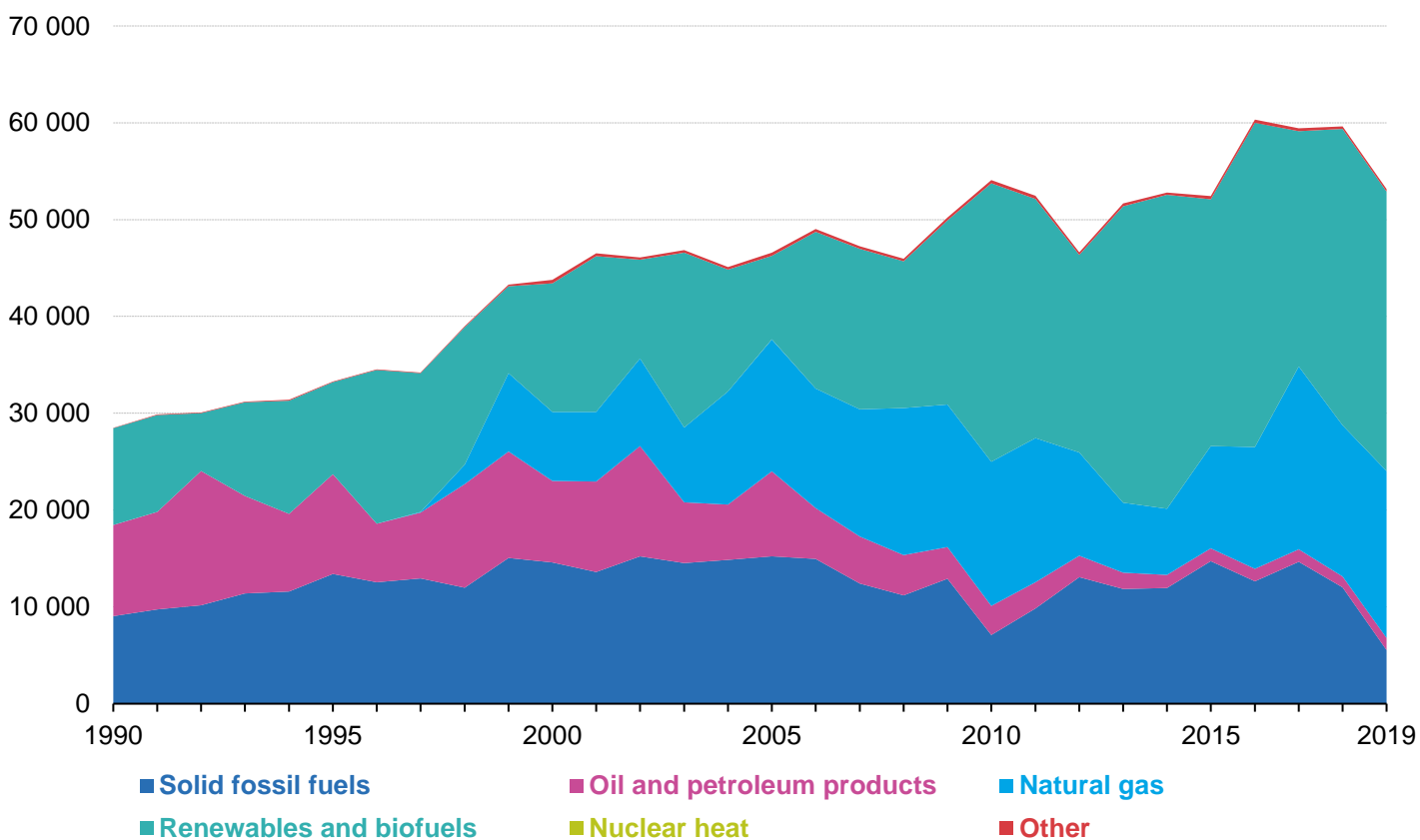
# Portugal

## Gross available energy by fuel, ktoe



Source: Eurostat (nrg\_bal\_c)

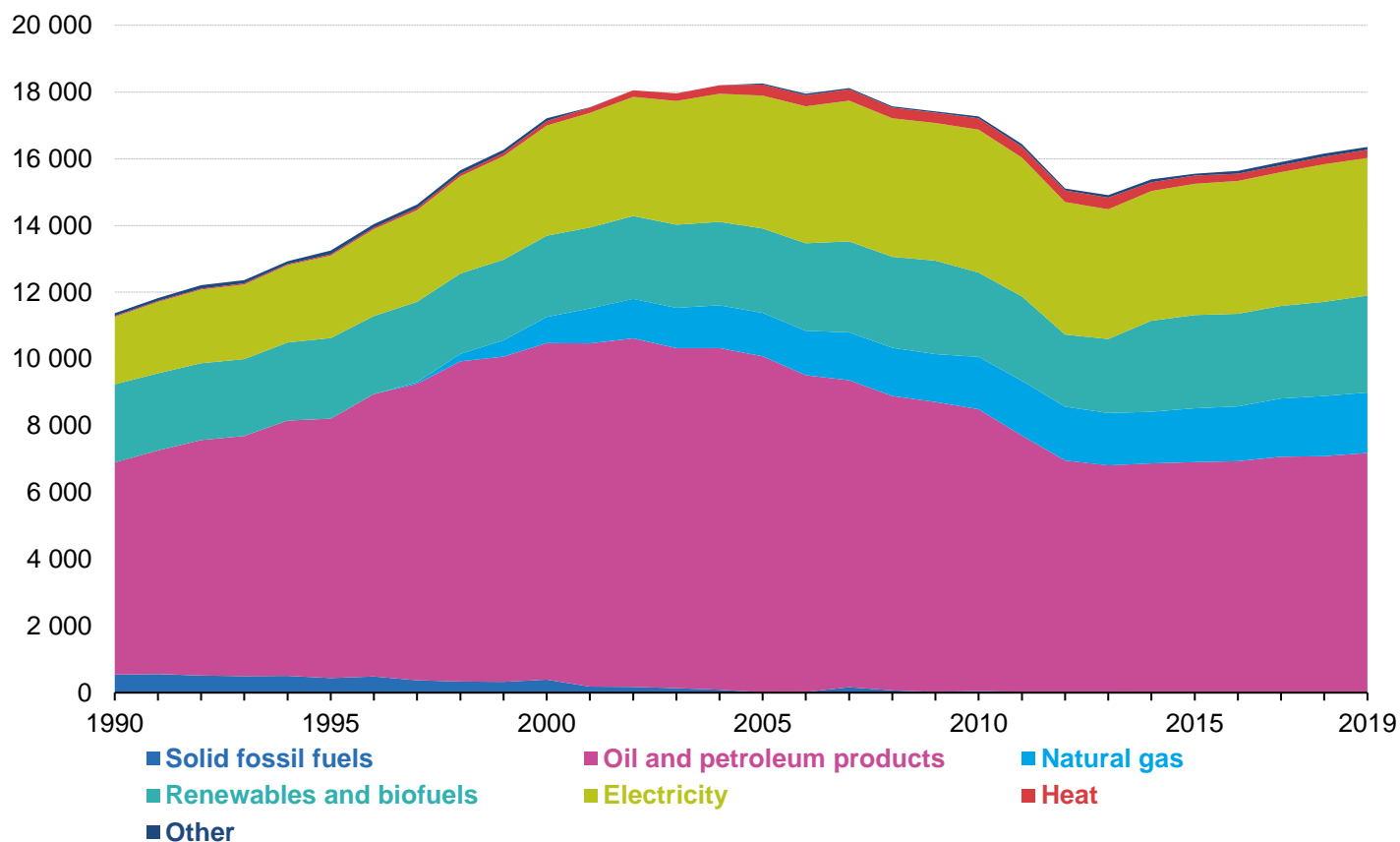
## Gross electricity production by fuel, GWh



Source: Eurostat (nrg\_bal\_c)

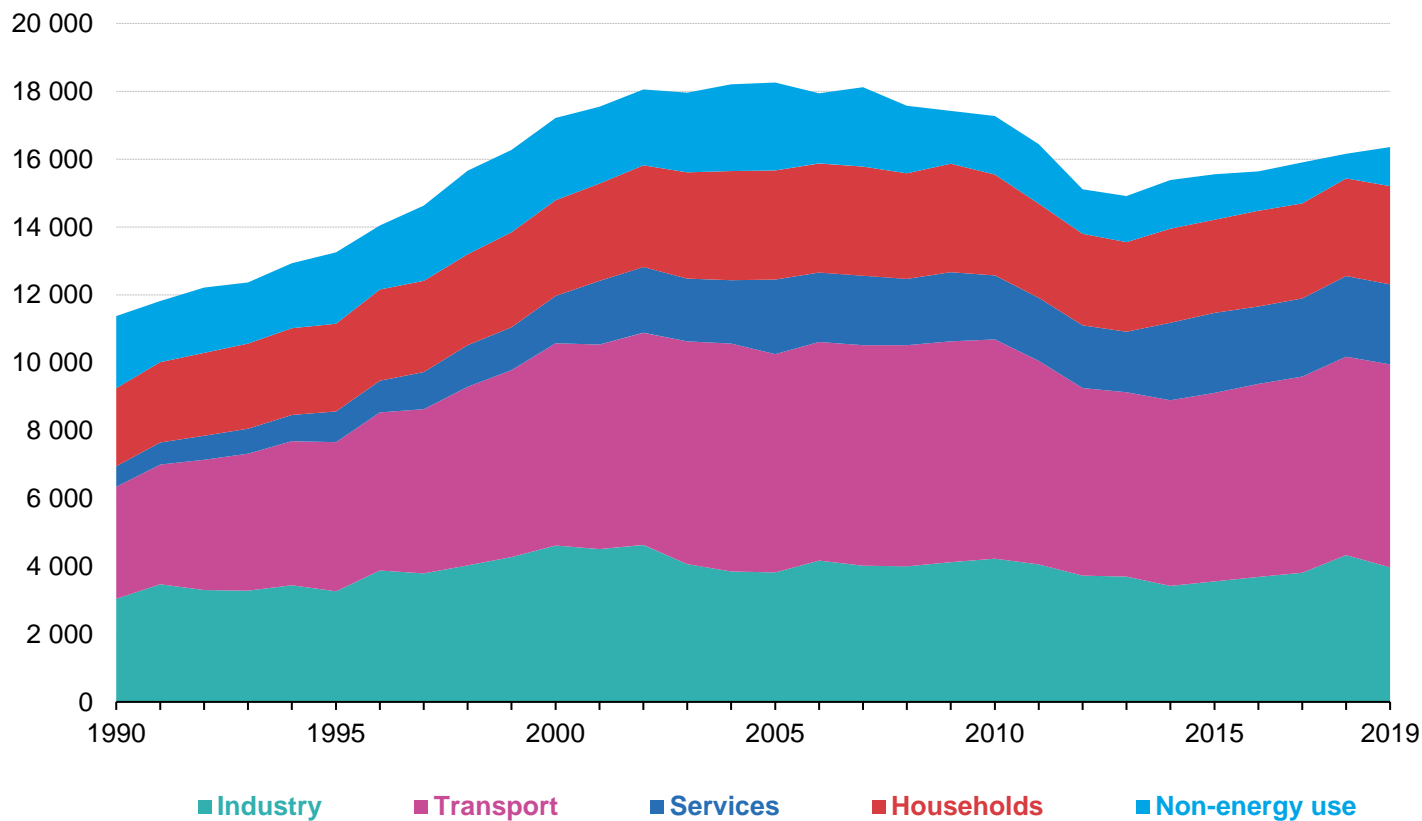
# Portugal

## Final energy consumption by fuel, ktoe



Source: Eurostat (nrg\_bal\_c)

## Final consumption by sector, ktoe



Source: Eurostat (nrg\_bal\_c)

## Gross electricity production

Portugal

GWh	2014	2015	2016	2017	2018	2019	2020P
Total	52 804	52 419	60 328	59 432	59 636	53 154	53 776 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	11 952	14 727	12 630	14 666	12 006	5 533	2 392 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	0	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	11 952	14 727	12 630	14 666	12 006	5 533	2 392 P

Source: Eurostat (nrg\_ind\_pehcf)

## Natural gas and manufactured gases

GWh	2014	2015	2016	2017	2018	2019	2020P
Natural gas	6 834	10 562	12 582	18 895	15 612	17 263	18 034 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	6 834	10 562	12 582	18 895	15 612	17 263	18 034 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	160	125	79	110	58	128	119 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	89	99	77	77	71	65	60 P
Fuel oil	1 108	1 088	1 144	1 093	992	1 061	982 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	1 357	1 312	1 300	1 280	1 122	1 253	1 162 P

Source: Eurostat (nrg\_ind\_pehcf)

## Renewables and biofuels

GWh	2014	2015	2016	2017	2018	2019	2020P
Hydro	16 412	9 800	16 909	7 632	13 628	10 243	13 988 P
Geothermal	205	204	172	217	230	215	217 P
Wind	12 111	11 607	12 474	12 248	12 617	13 667	12 263 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	627	796	871	992	1 006	1 342	1 682 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	2 530	2 518	2 481	2 573	2 558	2 749	3 206 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	277	294	285	287	271	264	250 P
Renewable municipal waste	240	292	305	360	327	349	325 P
Sub-total	32 404	25 511	33 496	24 308	30 637	28 830	31 931 P

Source: Eurostat (nrg\_ind\_pehcf & nrg\_ind\_pehnf)

## Non-renewable wastes

GWh	2014	2015	2016	2017	2018	2019	2020P
Industrial waste (non-renewable)	9	8	15	12	13	11	10 P
Non-renewable municipal waste	240	292	305	272	247	264	247 P
Sub-total	250	300	320	283	259	274	257 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	7	8	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	7	8	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	12	11	6	3	4	4	5 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	4 508	5 493	4 795	5 405	4 542	2 102	944 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	9	8	12	12	9	10	8 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	0	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

Source: Eurostat (nrg\_cb\_sff)

## Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2014	2015	2016	2017	2018	2019	2020P
Natural gas	161 580	188 448	201 101	251 924	233 646	245 786	240 680 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	12 167	15 163	14 705	15 394	13 707	12 637	11 600 P
Refinery intake	12 666	15 092	14 915	15 478	13 847	12 813	11 680 P

Source: Eurostat (nrg\_cb\_oil)

## Oil products

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	2 799	2 567	2 685	2 636	2 815	3 474	2 823 P
Export	4 577	6 653	6 517	6 748	5 192	4 658	5 138 P
Total refinery output	12 662	15 092	14 915	15 478	13 796	12 762	11 640 P
Gas oil and diesel oil	4 865	6 104	5 695	5 935	5 224	4 614	4 844 P
Motor gasoline	1 924	2 694	2 619	2 749	2 501	2 401	1 957 P
Fuel oil	2 498	2 498	2 675	2 645	2 358	2 114	2 164 P
Naphtha	1 180	1 179	1 146	1 321	1 018	1 091	983 P
Kerosene-type jet fuel	976	1 160	1 237	1 361	1 432	1 346	628 P
All other oil products	1 219	1 457	1 543	1 468	1 263	1 196	1 063 P

Source: Eurostat (nrg\_cb\_oil)

## Biofuels - Inland consumption

	2014	2015	2016	2017	2018	2019	2020P
Primary solid biofuels [TJ]	98 375	97 913	100 569	101 344	101 713	106 235	111 315 P
Charcoal [kt]	43	43	36	38	38	33	29 P
Biogases [TJ]	3 432	3 457	3 364	3 561	3 453	3 355	3 209 P
Pure biogasoline [kt]	0	27	34	5	7	6	5 P
Pure biodiesels [kt]	301	343	280	284	301	303	263 P
Other liquid biofuels [kt]	6	4	3	0	0	0	0 P

Source: Eurostat (nrg\_cb\_rw)

## Wastes - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Renewable municipal waste	3 423	4 078	4 340	4 981	4 629	4 940	4 754 P
Non-renewable municipal waste	3 422	4 077	4 340	3 758	3 492	3 727	3 615 P
Industrial waste (non-renewable)	3 694	2 418	4 368	4 543	4 084	4 164	4 144 P

Source: Eurostat (nrg\_cb\_rw)

## Non-combustible renewables - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Geothermal	7 889	7 829	6 602	8 329	8 861	8 287	8 339 P
Solar thermal	3 218	3 360	3 515	3 683	3 953	4 033	4 221 E
Ambinet heat (heat pumps)	24 913	25 158	25 306	26 142	27 206	28 521	30 262 E

Source: Eurostat (nrg\_cb\_rw)