

Euro Area (19 countries) ktoe 2019	Total	Solid fossil fuels	Manufactured 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	429 565.6	32 754.6	Z	1 465.6	2 992.1	10 863.2	35 410.8	172 672.6	10 535.7	161 886.9	984.1	Z
+ Recovered & recycled products	936.4	26.7	Z	0.0	0.0	909.8	Z	0.0	Z	Z	Z	Z
+ Imports	1 151 882.4	67 583.2	0.0	31.8	0.0	732 894.1	314 059.1	13 336.4	270.6	Z	1.8	23 705.5
- Exports	372 657.7	3 168.9	0.0	6.8	0.0	283 327.7	51 609.4	11 778.7	36.1	Z	0.0	22 730.1
+ Change in stock	-16 726.1	-1 355.2	0.0	672.2	-43.6	-3 750.4	-12 165.5	-83.4	-0.2	Z	Z	Z
= Gross available energy	1 193 000.6	95 840.4	0.0	2 162.9	2 948.5	457 588.9	285 695.0	174 146.9	10 769.9	161 886.9	985.9	975.4
- International maritime bunkers	40 417.1	0.0	0.0	0.0	0.0	40 243.8	125.9	47.4	Z	Z	Z	Z
= Gross inland consumption	1 152 583.5	95 840.4	0.0	2 162.9	2 948.5	417 345.1	285 569.1	174 099.5	10 769.9	161 886.9	985.9	975.4
- International aviation	37 361.2	Z	Z	Z	Z	37 361.2	Z	0.0	Z	Z	Z	Z
= Total energy supply	1 115 222.3	95 840.4	0.0	2 162.9	2 948.5	379 983.9	285 569.1	174 099.5	10 769.9	161 886.9	985.9	975.4
Transformation input	1 091 319.9	104 968.6	5 815.5	1 693.2	2 842.8	596 218.8	94 107.9	111 911.4	7 685.0	161 886.9	1 467.8	2 722.1
+ Electricity & heat generation	445 964.6	58 743.2	5 815.5	1 611.7	1 065.8	12 389.4	93 398.9	99 178.5	7 685.0	161 886.9	1 467.8	2 722.1
+ Coke ovens	19 184.9	18 898.3	0.0	0.0	6.8	279.8	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	23 955.4	23 921.0	0.0	0.0	0.0	33.8	0.0	0.6	Z	Z	Z	Z
+ Gas works	404.4	0.0	0.0	0.0	404.1	0.4	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	583 481.7	Z	Z	Z	Z	583 481.7	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	3 323.8	3 242.4	0.0	81.5	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	1 366.1	0.0	0.0	0.0	1 366.1	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	296.9	Z	0.0	Z	Z	33.5	Z	263.4	Z	Z	Z	Z
+ Liquid biofuels blended	12 250.3	Z	Z	Z	Z	Z	Z	12 250.3	Z	Z	Z	Z
+ Charcoal production plants	218.6	Z	Z	Z	Z	Z	Z	218.6	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	873.1	163.8	0.0	0.0	0.0	0.2	709.1	0.0	0.0	Z	Z	Z
Transformation output	858 969.7	17 225.4	13 457.6	56.0	Z	582 815.6	296.9	12 313.2	Z	Z	34 257.2	198 547.7
+ Electricity & heat generation	232 804.9	Z	Z	Z	Z	Z	Z	Z	Z	Z	34 257.2	198 547.7
+ Coke ovens	17 541.6	14 203.9	3 337.7	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	10 050.1	0.0	10 050.1	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	69.8	0.0	69.8	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	580 778.9	Z	Z	Z	Z	580 778.9	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	3 077.6	3 021.6	Z	56.0	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	296.9	Z	Z	Z	Z	Z	296.9	Z	Z	Z	Z	Z
+ Liquid biofuels blended	12 238.7	Z	Z	Z	Z	Z	Z	12 238.7	Z	Z	Z	Z
+ Charcoal production plants	74.5	Z	Z	Z	Z	Z	Z	74.5	Z	Z	Z	Z
+ Gas-to-liquids plants	641.8	Z	Z	Z	Z	641.8	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	1 395.0	0.0	0.0	0.0	Z	1 395.0	Z	Z	Z	Z	Z	Z
Energy sector	50 899.2	279.8	3 495.6	15.2	0.0	21 341.4	9 903.4	517.6	30.4	Z	2 454.8	12 861.0
+ Own use in electricity & heat genera	8 433.4	3.6	0.0	0.4	0.0	14.1	27.6	1.4	0.0	Z	111.2	8 275.1
+ Coal mines	176.2	0.7	0.0	2.4	0.0	34.1	6.0	0.0	0.0	Z	2.4	130.5
+ Oil & natural gas extraction plants	1 425.2	Z	Z	Z	Z	3.1	1 092.0	0.0	Z	Z	1.7	328.4
+ 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	1 961.5	94.2	1 586.6	0.0	0.0	0.2	159.3	11.5	3.7	Z	61.8	44.2
+ BKB & PB plants	773.0	174.8	0.0	12.3	0.0	Z	Z	5.6	0.0	Z	214.5	365.8
+ 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	1 791.5	6.6	1 568.3	0.0	0.0	0.3	50.3	0.0	26.7	Z	13.6	125.6
+ Petroleum refineries (oil refineries)	33 331.3	0.0	13.1	0.0	0.0	21 280.8	8 015.4	37.9	0.0	Z	1 568.5	2 415.5
+ Nuclear industry	117.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	117.3
+ Coal liquefaction plants	41.6	0.0	17.0	0.0	0.0	Z	Z	Z	Z	Z	7.6	16.9
+ Liquefaction & regasification plants (160.2	Z	Z	Z	Z	Z	160.2	Z	Z	Z	0.1	0.0
+ Gasification plants for biogas	460.8	Z	Z	Z	Z	Z	Z	460.8	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)	2 227.2	0.0	310.6	0.0	0.0	8.7	392.5	0.4	0.0	Z	473.4	1 041.6
Distribution losses	16 106.0	0.3	425.7	0.0	0.0	11.6	1 100.6	75.7	0.2	Z	2 570.7	11 921.5
Available for final consumption	815 866.8	7 817.1	3 720.8	510.5	105.7	345 227.8	180 754.1	73 908.1	3 054.3	0.0	28 749.8	172 018.5
Final non-energy consumption	75 230.2	1 140.7	0.0	0.0	55.1	62 487.1	11 547.3	0.0	Z	Z	Z	Z
Final energy consumption	739 073.2	7 546.7	3 690.7	416.0	23.9	280 879.1	168 944.5	73 945.6	3 054.3	Z	28 766.6	171 805.8
+ Industry	187 768.4	6 539.8	3 690.7	156.2	23.9	18 764.4	63 815.7	15 068.8	2 910.2	Z	12 964.1	63 834.4
+ Iron & steel	19 808.3	1 651.8	3 591.9	0.0	0.0	234.4	6 224.5	8.5	1.6	Z	307.2	7 788.4
+ Chemical & petrochemical	42 269.2	809.3	40.4	0.0	0.0	5 766.2	16 094.4	280.2	394.9	Z	6 880.5	12 003.1
+ Non-ferrous metals	7 829.9	202.8	0.0	0.0	0.0	319.4	2 946.3	1.4	6.7	Z	97.2	4 256.2
+ Non-metallic minerals	25 266.4	2 609.6	22.1	0.8	23.9	4 407.4	10 103.3	1 476.0	2 229.3	Z	226.0	4 168.0
+ Transport equipment	5 672.8	178.6	27.2	0.0	0.0	127.5	173.5	19.2	0.0	Z	453.0	3 131.7
+ Machinery	13 829.3	35.4	8.7	0.1	0.0	772.4	4 738.4	77.1	13.3	Z	457.6	7 726.4
+ Mining & quarrying	2 297.9	65.3	0.0	0.0	0.0	591.0	615.3	33.2	0.0	Z	56.8	936.2
+ Food, beverages & tobacco	21 998.2	502.2	0.0	0.4	0.0	1 197.8	10 416.1	878.6	0.3	Z	1 195.6	7 807.3
+ Paper, pulp & printing	23 274.9	408.1	0.0	151.6	0.0	388.6	5 421.5	8 195.0	204.5	Z	2 082.3	6 423.2
+ Wood & wood products	5 866.6	0.1	0.0	3.1	0.0	109.9	412.4	3 225.8	20.7	Z	427.1	1 667.6
+ Construction	8 033.3	6.1	0.0	0.0	0.0	4 273.8	1 837.5	215.3	0.4	Z	12.3	1 687.8
+ Textile & leather	3 090.1	17.1	0.0	0.0	0.0	126.7	1 516.1	22.9	0.7	Z	115.1	1 291.5
+ Not elsewhere specified (industry)	8 282.3	53.5	0.3	0.2	0.0	449.2	1 754.1	386.6	37.9	Z	653.5	4 947.1
+ Transport	231 253.8	0.3	0.0	0.0	0.0	212 204.5	2 994.7	11 979.2	0.0	Z	Z	4 075.2
+ Rail	3 939.0	0.3	0.0	0.0	0.0	782.6	Z	28.8	0.0	Z	Z	3 127.3
+ Road	214 843.5	Z	Z	Z	Z	201 107.2	1 624.0	11 934.1	0.0	Z	Z	178.2
+ Domestic aviation	6 263.6	Z	Z	Z	Z	6 263.6	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	3 816.9	0.0	0.0	0.0	0.0	3 805.3	Z	11.7	0.0	Z	Z	Z
+ Pipeline transport	1 503.1	Z	Z	Z	Z	0.0	1 360.3	0.0	Z	Z	Z	142.8
+ Not elsewhere specified (transport)	887.7	0.0	0.0	0.0	0.0	245.8	10.3	4.7	0.0	Z	Z	626.9
+ Other	320 051.0	1 006.6	0.0	259.8	0.0	49 910.2	102 134.2	46 897.5	144.0	Z	15 802.4	103 896.2
+ Commercial & public services	105 451.2	194.2	0.0	9.1	0.0	9 205.7	31 586.8	8 138.3	143.8	Z	5 111.3	51 062.0
+ Households	191 090.5	725.6	0.0	201.6	0.0	27 389.0	67 109.8	36 576.3	0.0	Z	10 482.3	48 605.9
+ Agriculture & forestry	20 583.3	12.6	0.0	49.1	0.0	11 035.0	3 317.0	2 087.6	0.0	Z	161.5	3 920.5
+ Fishing	1 199.0	0.0	0.0	0.0	0.0	1 086.3	0.7	48.8	0.0	Z	0.0	63.3
+ Not elsewhere specified (other)	1 727.0	74.2	0.0	0.0	0.0	1 194.2	120.0	46.6	0.3	Z	47.2	244.6
Statistical differences	1 563.4	-870.3	30.2	94.5	26.7	1 861.6	262.3	-37.5	0.0	0.0	-16.7	212.7
Gross electricity production	198 167.9	21 963.7	2 133.2	426.2	369.3	4 172.9	45 057.1	68 760.7	1 558.5	53 726.4	Z	Z
Gross heat production	32 791.8	4 055.0	264.9	664.8	43.0	1 359.2	14 742.5	9 527.2	2 084.6	45.0	Z	5.7

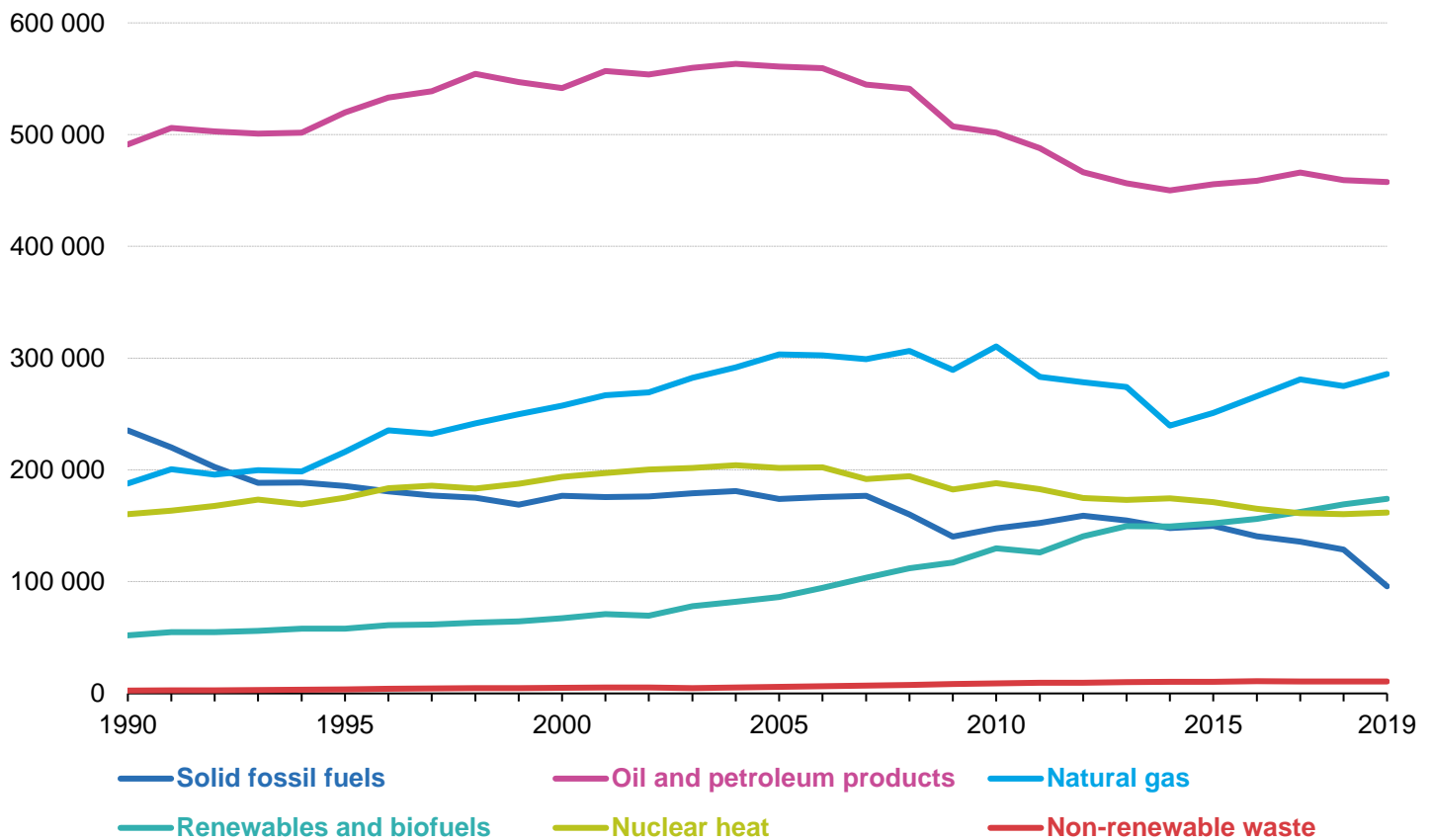
Source: Eurostat (nrg_bal_c)

Euro Area (19 countries)	ktoe								
	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross available energy	1 252 085	1 238 745	1 226 749	1 180 912	1 199 111	1 206 163	1 225 430	1 212 844	1 193 001
Solid fossil fuels	152 601	159 133	154 737	148 035	149 985	140 732	135 719	128 646	95 840
Peat & peat products	2 816	2 755	1 823	2 169	2 200	2 179	2 030	2 159	2 163
Oil shale & oil sands	3 984	3 653	4 355	4 158	3 771	4 201	4 202	4 542	2 948
Crude oil & other hydrocarbons	461 604	459 548	445 447	443 040	468 178	467 461	475 692	462 860	452 979
Petroleum products	488 001	466 464	456 349	450 085	455 714	458 726	466 118	459 365	457 589
Natural gas	283 297	278 324	274 160	239 581	251 115	266 052	281 034	275 089	285 695
Nuclear heat	182 712	174 785	173 075	174 653	171 241	165 235	161 302	160 511	161 887
Renewable energies	126 260	140 485	149 729	149 293	152 083	156 277	162 385	169 224	174 147
Non-renewable wastes	9 442	9 582	9 994	10 355	10 408	10 945	10 807	10 632	10 770
Primary production	472 988	477 069	486 063	473 280	456 035	446 291	444 326	443 551	429 566
Solid fossil fuels	58 711	59 813	55 251	53 597	51 334	45 827	46 517	44 285	32 755
Peat	2 553	1 372	3 119	2 680	1 658	1 431	1 490	2 705	1 466
Oil shale and oil sands	3 982	3 996	4 360	4 253	4 216	3 629	4 147	4 797	2 992
Crude oil & other hydrocarbons	13 313	13 372	13 620	13 912	13 649	11 366	11 461	12 025	10 863
Natural gas	79 805	77 730	79 265	65 984	52 637	52 991	47 244	40 768	35 411
Nuclear heat	182 712	174 785	173 075	174 653	171 241	165 235	161 302	160 511	161 887
Renewable energies	121 992	135 890	146 857	147 304	150 240	154 131	160 602	167 108	172 673
Non-renewable wastes	9 342	9 444	9 787	10 128	10 156	10 675	10 516	10 369	10 536
Net imports	781 385	755 507	734 232	710 006	744 570	746 588	772 884	767 467	779 225
Solid fossil fuels	93 343	96 449	94 758	93 722	95 118	91 454	88 977	80 751	64 414
Crude oil	424 714	430 210	409 749	405 661	436 170	435 487	445 339	433 731	431 786
Gas/Diesel Oil (w/o bio)	20 906	11 618	17 717	13 694	14 923	13 107	9 949	14 184	18 944
Motor Gasoline (w/o bio)	-31 679	-37 978	-36 006	-36 778	-42 133	-42 219	-43 115	-46 412	-47 000
Naphtha	10 040	13 497	11 734	13 691	12 635	11 956	15 256	16 129	18 182
LPG	6 913	6 493	8 836	10 861	10 799	10 329	9 676	11 311	11 265
All other oil & petroleum products	469 854	451 278	442 184	433 466	449 168	443 398	447 759	442 696	449 566
Natural gas	211 209	200 082	192 378	178 684	196 591	208 592	233 374	239 902	262 450
Transformation input	1 126 401	1 123 469	1 090 635	1 083 213	1 112 358	1 110 692	1 128 789	1 108 753	1 091 320
Electricity & heat generation	494 132	492 810	482 756	470 731	474 265	471 305	471 973	459 806	445 965
Refinery intake	487 991	484 249	465 099	464 080	487 553	488 238	497 569	487 146	480 364
Coke ovens	24 525	23 757	22 211	21 738	21 432	22 014	21 811	21 560	19 185
Blast furnaces	26 238	25 720	25 574	25 915	25 242	25 309	25 993	25 591	23 955
Transformation output	846 503	845 670	823 510	820 609	848 952	854 468	871 999	863 201	858 970
Electricity & heat generation	236 475	236 688	236 473	228 736	232 209	236 074	237 810	235 309	232 805
Refinery output	484 614	481 050	461 945	461 534	483 959	485 163	493 367	484 447	477 143
Coke ovens	21 930	21 528	20 290	19 804	19 859	20 228	20 081	19 396	17 542
Blast furnaces	10 020	9 796	9 829	10 139	10 009	9 846	10 200	10 660	10 050
Energy sector	54 666	52 774	51 169	49 548	51 512	51 571	51 808	51 880	50 899
Distribution losses	15 969	16 278	16 703	15 985	16 610	16 756	16 459	16 592	16 106
Available for final consumption	827 828	821 321	823 633	785 829	799 769	810 538	826 669	821 547	815 867
Solid fossil fuels	14 648	11 140	10 960	9 925	10 711	11 390	10 288	11 568	7 817
Manufactured gases	4 005	3 978	3 975	4 184	4 177	4 084	3 749	4 040	3 721
Peat & peat products	448	735	15	287	401	417	343	324	511
Oil shale & oil sands	-31	-105	293	58	45	448	64	89	106
Gas/Diesel Oil (w/o bio)	203 629	197 574	199 271	197 989	200 792	200 164	200 454	198 517	198 173
Motor Gasoline (w/o bio)	62 047	57 639	55 197	55 494	54 225	53 798	54 429	57 667	57 720
Naphtha	32 153	33 380	30 709	31 876	30 816	30 662	34 581	28 943	27 488
LPG	17 606	17 029	19 303	20 463	20 651	20 348	20 640	21 562	21 612
All other oil & petroleum products	367 427	351 386	348 299	345 027	347 169	347 910	353 000	346 376	345 228
Natural gas	177 756	183 385	190 345	165 623	171 352	176 547	182 218	181 432	180 754
Primary solid biofuels & charcoal	41 446	45 832	46 625	42 177	43 947	44 233	44 940	44 796	45 478
Liquid biofuels	10 754	11 555	9 931	10 698	10 579	10 360	11 160	12 324	12 586
All other renewable energies	58 215	64 127	64 128	61 562	63 913	64 726	70 471	72 201	73 908
Non-renewable wastes	2 303	2 278	2 599	2 627	2 655	2 858	2 744	2 916	3 054
Electricity	174 361	174 907	173 320	168 963	171 447	173 062	174 546	174 086	172 019
Heat	28 694	29 491	29 699	27 572	27 898	29 097	29 244	28 516	28 750
Statistical difference	1 017	-3 485	58	-2 591	-796	-2 122	3 311	2 485	1 563
Final non-energy consumption	81 459	78 280	75 238	76 516	73 947	74 250	79 009	76 038	75 230
Final energy consumption	745 352	746 527	748 337	711 904	726 618	738 409	744 348	743 025	739 073
Industry	196 087	192 327	189 470	186 439	185 518	188 137	189 133	191 045	187 768
Transport	230 095	221 669	219 914	222 332	223 893	227 431	229 129	229 463	231 254
Other sectors	319 170	332 531	338 954	303 133	317 207	322 841	326 087	322 517	320 051
Services	104 011	107 529	109 485	101 072	106 816	107 596	111 653	109 187	105 451
Households	193 415	203 411	207 706	180 638	189 411	194 530	193 820	190 338	191 090
2030 indicators	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross inland consumption	1 205 586	1 194 510	1 184 589	1 139 304	1 157 272	1 161 734	1 176 760	1 161 981	1 141 668
Primary energy consumption	1 124 128	1 116 231	1 109 352	1 062 788	1 083 325	1 087 483	1 097 751	1 085 943	1 066 438
Final energy consumption	791 429	791 463	792 950	755 749	770 647	783 188	787 935	787 040	782 057

Source: Eurostat (nrg_bal_c)

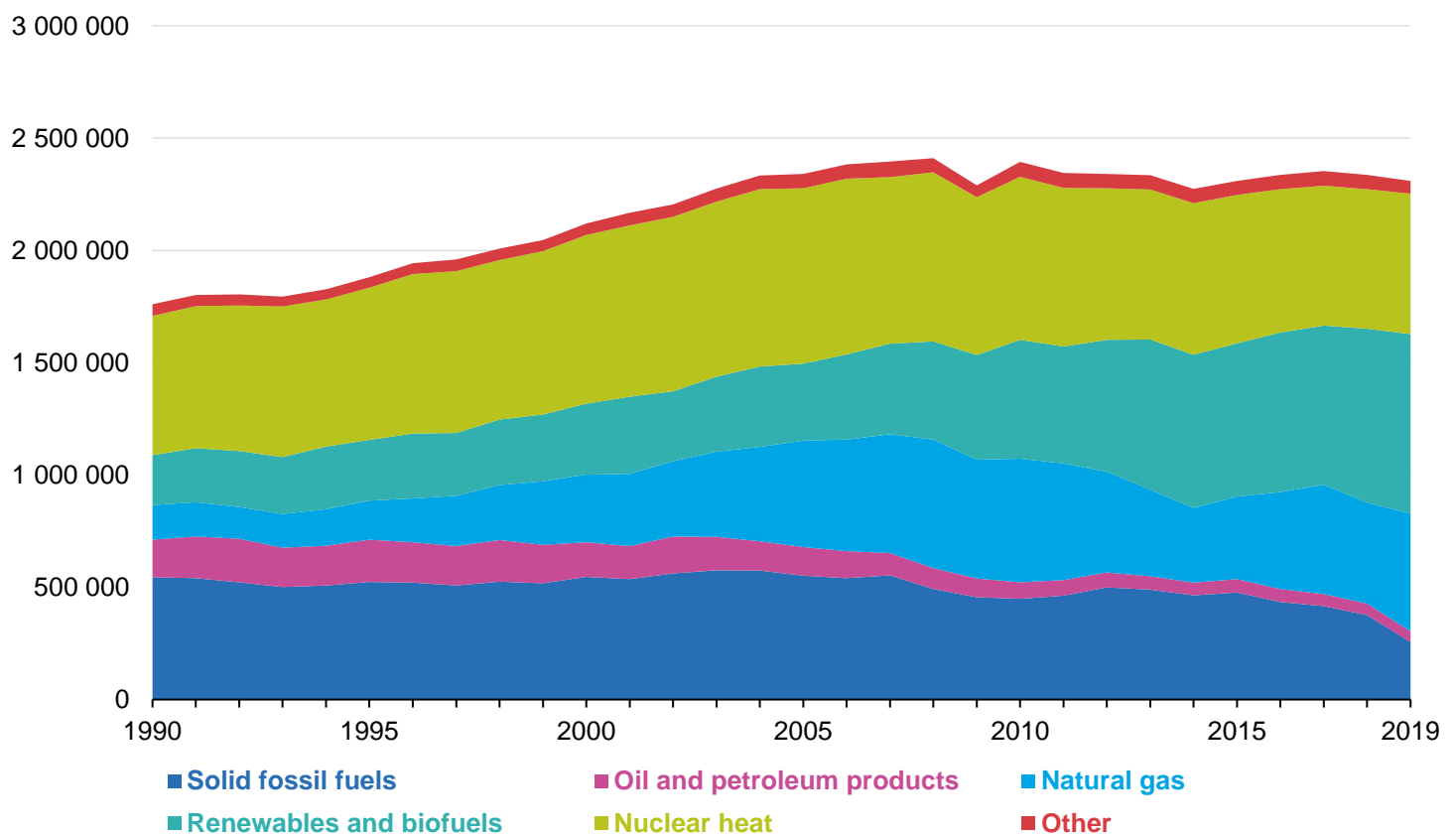
Euro Area (19 countries)

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

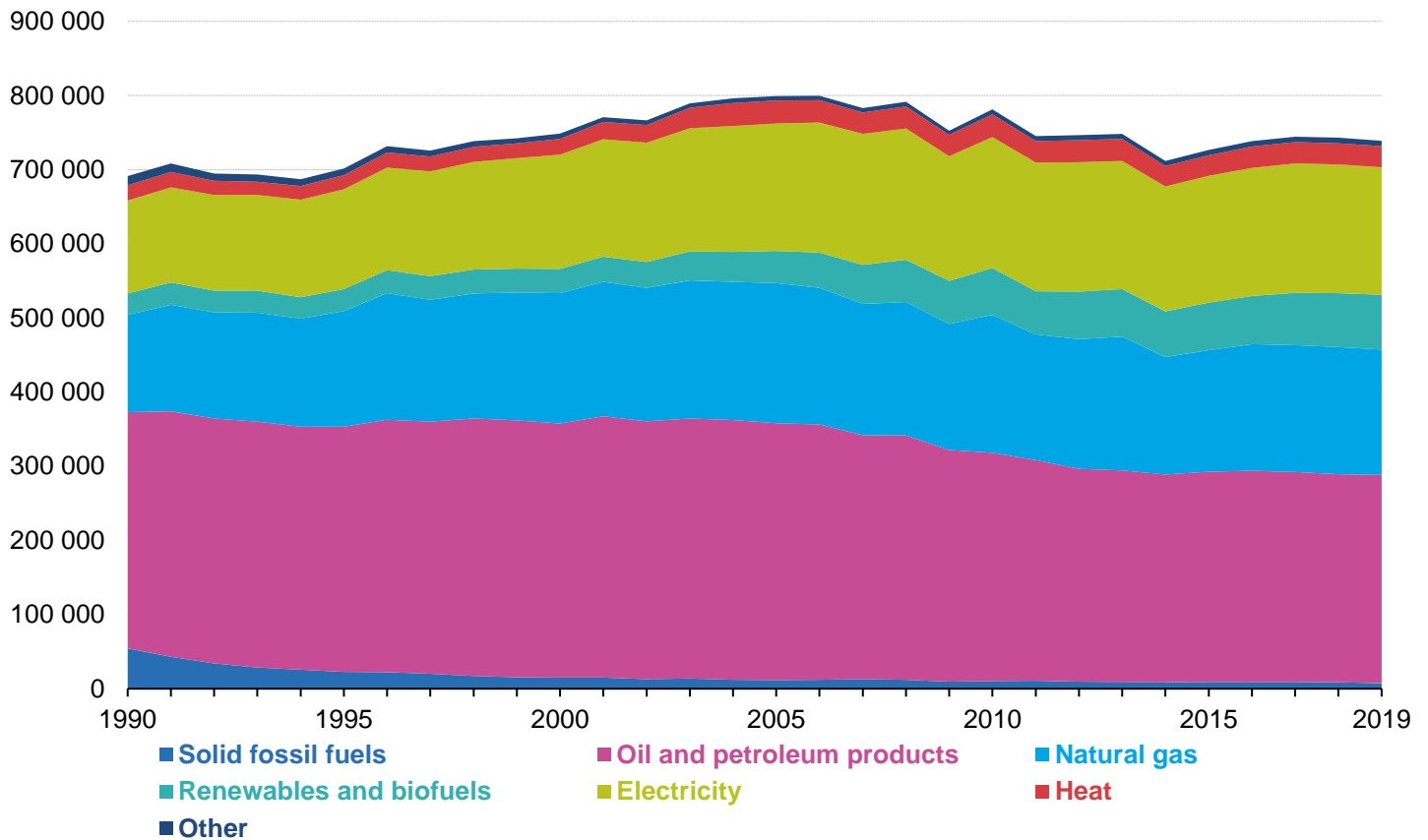
Gross electricity production by fuel, GWh



Source: Eurostat (nrg_bal_c)

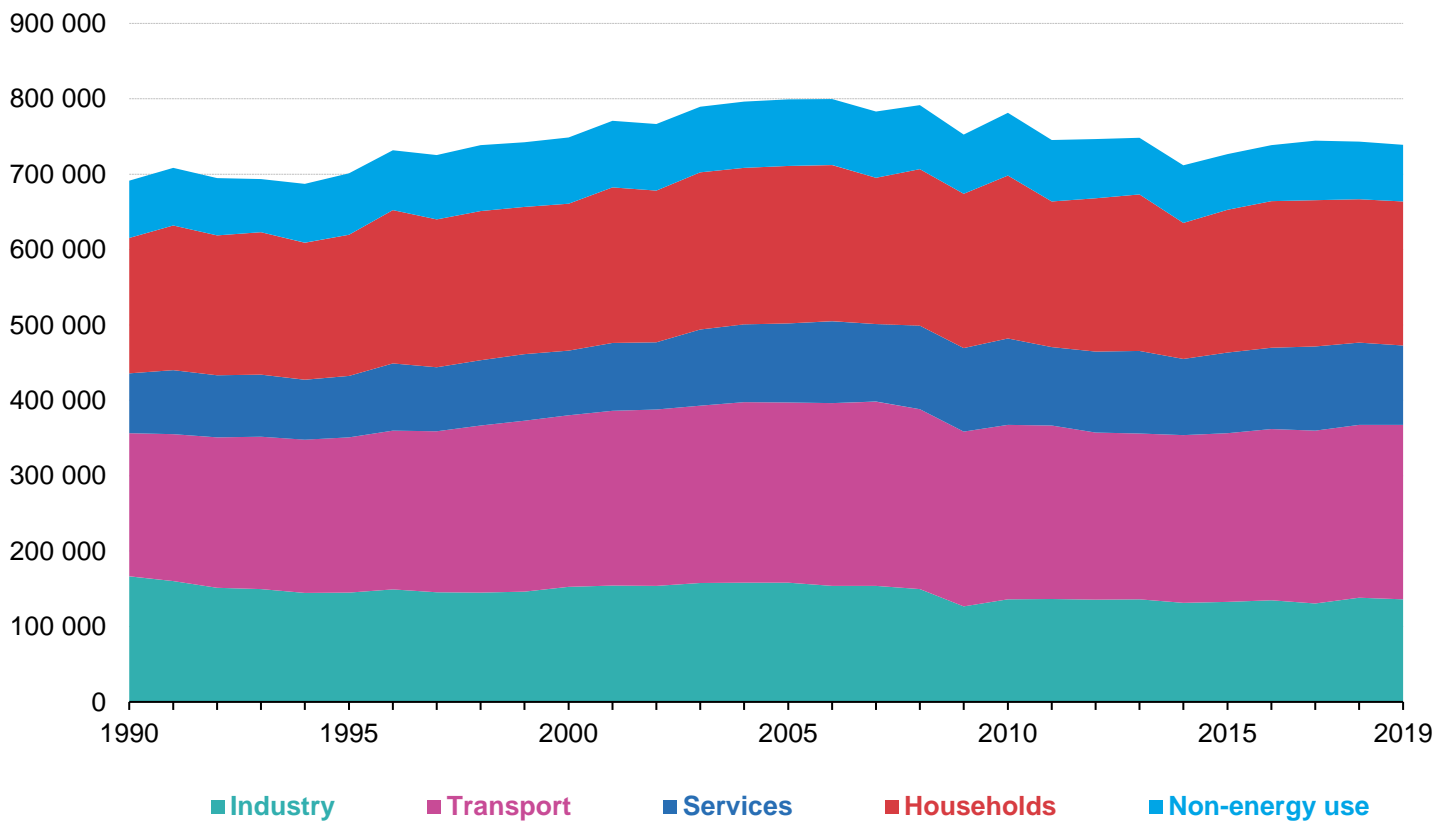
Euro Area (19 countries)

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production

Euro Area (19 countries)

GWh	2014	2015	2016	2017	2018	2019	2020P
Total	2 274 373	2 309 663	2 336 738	2 353 473	2 336 078	2 305 962	2 215 415 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	11 262	12 153	4 877	4 103	4 013	700	621 P
Coking coal	9 261	878	8 521	10 985	8 782	2 980	2 256 P
Other bituminous coal	252 010	277 179	243 499	224 395	192 938	118 829	74 021 P
Sub-bituminous coal	4 282	4 444	2 489	2 982	2 147	1 239	403 P
Lignite	185 221	180 683	173 135	171 802	166 990	130 325	102 454 P
Coke oven coke	2	1	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	1 618	1 787	1 643	1 448	1 541	1 364	1 101 P
Coal tar	0	0	0	0	0	0	0 P
Peat	5 948	5 653	5 275	5 044	5 619	4 956	3 314 P
Peat products	5	6	1	0	0	1	0 P
Oil shale and oil sands	10 302	7 887	9 623	9 912	9 380	4 295	2 225 P
Sub-total	479 911	490 672	449 063	430 672	391 409	264 689	186 395 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2014	2015	2016	2017	2018	2019	2020P
Natural gas	331 892	367 884	432 158	485 734	449 756	520 865	516 700 P
Coke oven gas	4 070	5 141	4 889	5 821	5 199	5 216	5 762 P
Gas works gas	511	82	264	220	165	231	85 P
Blast furnace gas	20 144	19 197	19 128	19 146	19 022	17 745	17 823 P
Other recovered gases	1 433	1 788	1 529	1 836	1 510	1 617	1 414 P
Sub-total	358 050	394 092	457 969	512 756	475 651	545 674	541 783 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	5 674	5 888	6 313	5 730	6 308	6 135	6 144 P
Liquefied petroleum gases	362	377	478	375	208	203	209 P
Naphtha	16	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	13	9	6	11	5	3	3 P
Gas oil and diesel oil	10 326	9 758	9 606	10 271	9 415	9 941	9 340 P
Fuel oil	26 978	28 530	27 466	26 253	23 656	23 030	19 651 P
Petroleum coke	1 469	4 009	3 175	1 877	1 158	251	250 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	12 461	10 987	10 674	10 124	10 216	8 968	8 965 P
Sub-total	57 299	59 559	57 719	54 642	50 965	48 530	44 563 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2014	2015	2016	2017	2018	2019	2020P
Hydro	295 161	252 334	274 310	227 130	271 394	248 475	270 025 P
Geothermal	6 303	6 614	6 733	6 714	6 641	6 616	6 591 P
Wind	180 973	211 314	215 775	253 544	266 991	305 026	325 879 P
Solar thermal	5 455	5 593	5 579	5 883	4 867	5 683	4 992 P
Solar photovoltaic	82 971	88 679	88 798	95 021	102 643	110 570	128 051 P
Tide, wave, ocean	481	487	501	522	480	499	509 P
Solid biofuels	45 251	46 792	47 850	49 193	50 528	52 066	54 346 P
Liquid biofuels	4 769	5 458	5 240	4 950	4 842	5 166	5 120 P
Biogases	46 508	49 157	50 094	50 393	49 700	49 632	49 659 P
Renewable municipal waste	15 167	15 118	15 571	15 790	16 443	15 955	15 772 P
Sub-total	683 039	681 545	710 451	709 140	774 528	799 687	860 944 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2014	2015	2016	2017	2018	2019	2020P
Industrial waste (non-renewable)	2 409	2 460	2 693	2 422	2 520	2 556	2 392 P
Non-renewable municipal waste	14 871	14 769	15 318	15 492	16 148	15 570	15 452 P
Sub-total	17 279	17 229	18 011	17 914	18 668	18 125	17 845 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2014	2015	2016	2017	2018	2019	2020P
Nuclear	674 156	660 630	637 638	622 195	620 237	624 838	560 077 P
Heat from chemical sources	955	980	1 051	1 066	976	914	771 P
Other fuels not elsewhere specified	3 684	4 956	4 836	5 088	3 643	3 503	3 037 P
Sub-total	678 795	666 566	643 525	628 349	624 856	629 255	563 885 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	7 252	7 178	4 585	4 344	4 292	2 684	1 992 P
Coking coal	36 064	32 129	35 516	36 176	35 222	29 847	25 136 P
Other bituminous coal	109 567	119 408	108 476	102 254	91 978	61 273	42 862 P
Sub-bituminous coal	3 206	3 239	2 018	2 464	1 953	1 228	572 P
Lignite	234 666	227 225	211 223	215 077	209 317	163 195	125 818 P
Coke oven coke	28 608	27 266	26 925	26 834	26 748	23 970	20 390 P
Patent fuel	148	194	181	155	159	93	73 P
Brown coal briquettes	6 056	5 837	5 672	5 764	5 643	5 117	4 460 P
Coal tar	624	511	564	546	620	588	522 P
Peat	9 901	9 411	9 359	9 045	9 472	8 434	5 986 P
Peat products	269	231	223	205	237	189	186 P
Oil shale and oil sands	20 628	17 899	19 894	21 897	20 898	15 644	11 765 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2014	2015	2016	2017	2018	2019	2020P
Natural gas	11 150 969	11 686 643	12 382 544	13 075 922	12 799 183	13 297 589	12 835 468 P
Coke oven gas	189 374	197 630	198 091	192 502	161 346	155 272	137 905 P
Gas works gas	7 215	2 409	3 444	3 790	3 309	3 247	811 P
Blast furnace gas	379 073	368 855	361 850	374 740	404 269	378 956	324 388 P
Other recovered gases	45 431	50 222	50 374	52 332	42 037	41 820	35 646 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	432 491	460 638	457 928	466 828	453 264	447 912	387 870 P
Refinery intake	458 282	481 674	481 862	491 971	480 323	474 753	414 358 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	256 158	270 458	276 356	280 211	279 769	277 894	243 117 P
Export	250 680	278 112	286 908	295 160	286 652	272 461	241 713 P
Total refinery output	452 811	476 294	476 904	486 326	476 423	469 373	405 319 P
Gas oil and diesel oil	187 406	196 560	190 946	191 095	185 583	188 163	172 880 P
Motor gasoline	80 085	82 483	82 463	82 269	82 621	81 211	70 287 P
Fuel oil	52 293	54 827	60 210	62 213	58 892	50 699	40 428 P
Naphtha	29 445	32 183	33 424	38 417	37 149	35 866	33 770 P
Kerosene-type jet fuel	25 025	26 044	26 470	27 836	30 336	29 943	14 394 P
All other oil products	78 557	84 196	83 392	84 497	81 842	83 490	73 560 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2014	2015	2016	2017	2018	2019	2020P
Primary solid biofuels [TJ]	2 464 668	2 541 251	2 578 606	2 627 723	2 625 933	2 673 806	2 643 087 P
Charcoal [kt]	494	504	475	491	520	486	411 P
Biogases [TJ]	479 145	496 324	506 344	515 755	508 973	518 271	528 150 P
Pure biogasoline [kt]	2 748	2 807	2 748	2 919	3 136	3 281	3 279 P
Pure biodiesels [kt]	9 654	9 545	9 253	10 106	11 186	11 289	11 450 P
Other liquid biofuels [kt]	1 216	1 344	1 348	1 285	1 284	1 421	1 386 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Renewable municipal waste	305 845	307 879	318 432	327 027	321 171	322 511	323 474 P
Non-renewable municipal waste	305 823	304 144	315 254	322 380	317 084	316 773	318 013 P
Industrial waste (non-renewable)	127 725	131 610	142 974	130 070	128 040	134 141	139 908 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Geothermal	252 270	264 615	271 708	274 128	274 311	276 850	275 871 P
Solar thermal	168 097	174 319	175 900	183 314	172 469	186 299	177 402 P
Ambinet heat (heat pumps)	158 008	179 026	203 107	365 923	388 090	415 792	425 364 P

Source: Eurostat (nrg_cb_rw)