

| Romania 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 | 24 529.9 | 3 927.7 | Z | 0.2 | 0.0 | 3 521.4 | 8 273.9 | 5 811.5 | 149.1 | 2 846.0 | 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 | 16 037.0 | 1 078.5 | 0.0 | 14.7 | 0.0 | 12 068.3 | 2 157.7 | 245.6 | 0.0 | Z | 0.0 | 472.3 |
| - Exports | 5 971.6 | 0.1 | 0.0 | 0.2 | 0.0 | 5 581.1 | 10.6 | 37.8 | 0.0 | Z | 0.0 | 341.8 |
| + Change in stock | -1 453.7 | -112.7 | 0.0 | 0.0 | 0.0 | -152.8 | -1 185.6 | -6.6 | 4.1 | Z | Z | Z |
| = Gross available energy | 33 141.6 | 4 893.4 | 0.0 | 14.7 | 0.0 | 9 855.8 | 9 235.4 | 6 012.6 | 153.2 | 2 846.0 | 0.0 | 130.5 |
| - International maritime bunkers | 34.2 | 0.0 | 0.0 | 0.0 | 0.0 | 34.2 | 0.0 | 0.0 | Z | Z | Z | Z |
| = Gross inland consumption | 33 107.4 | 4 893.4 | 0.0 | 14.7 | 0.0 | 9 821.6 | 9 235.4 | 6 012.6 | 153.2 | 2 846.0 | 0.0 | 130.5 |
| - International aviation | 152.6 | Z | Z | Z | Z | 152.6 | Z | 0.0 | Z | Z | Z | Z |
| = Total energy supply | 32 954.8 | 4 893.4 | 0.0 | 14.7 | 0.0 | 9 668.9 | 9 235.4 | 6 012.6 | 153.2 | 2 846.0 | 0.0 | 130.5 |
| Transformation input | 26 216.0 | 4 293.8 | 40.6 | 0.0 | 0.0 | 13 703.7 | 2 632.8 | 2 651.1 | 0.4 | 2 846.0 | 0.0 | 47.5 |
| + Electricity & heat generation | 12 106.5 | 4 036.3 | 40.6 | 0.0 | 0.0 | 322.0 | 2 530.7 | 2 282.9 | 0.4 | 2 846.0 | 0.0 | 47.5 |
| + Coke ovens | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z |
| + Blast furnaces | 257.6 | 257.6 | 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 | 13 381.6 | Z | Z | Z | Z | 13 381.6 | 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 | 368.2 | Z | Z | Z | Z | Z | Z | 368.2 | Z | Z | Z | Z |
| + Charcoal production plants | 0.0 | Z | Z | Z | Z | Z | Z | 0.0 | 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 | 102.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 102.1 | 0.0 | 0.0 | Z | Z | Z |
| Transformation output | 21 153.8 | 0.0 | 247.3 | 0.0 | Z | 13 944.0 | 0.0 | 368.2 | Z | Z | 1 467.6 | 5 126.6 |
| + Electricity & heat generation | 6 594.3 | Z | Z | Z | Z | Z | Z | Z | Z | Z | 1 467.6 | 5 126.6 |
| + Coke ovens | 0.0 | 0.0 | 0.0 | Z | Z | Z | Z | Z | Z | Z | Z | Z |
| + Blast furnaces | 247.3 | 0.0 | 247.3 | 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 | 13 855.7 | Z | Z | Z | Z | 13 855.7 | 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 | 368.2 | Z | Z | Z | Z | Z | Z | 368.2 | Z | Z | Z | Z |
| + Charcoal production plants | 0.0 | Z | Z | Z | Z | Z | Z | 0.0 | Z | Z | Z | Z |
| + Gas-to-liquids plants | 88.3 | Z | Z | Z | Z | 88.3 | 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 |
| Energy sector | 2 034.5 | 0.0 | 18.4 | 0.0 | 0.0 | 738.5 | 369.2 | 4.2 | 0.0 | Z | 174.1 | 730.1 |
| + Own use in electricity & heat genera | 554.9 | 0.0 | 18.4 | 0.0 | 0.0 | 22.9 | 37.2 | 4.1 | 0.0 | Z | 90.2 | 382.3 |
| + Coal mines | 87.5 | 0.0 | 0.0 | 0.0 | 0.0 | 21.1 | 3.0 | 0.1 | 0.0 | Z | 2.6 | 60.7 |
| + Oil & natural gas extraction plants | 230.1 | Z | Z | Z | Z | 10.7 | 102.9 | 0.0 | Z | Z | 0.0 | 116.5 |
| + 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) | 809.4 | 0.0 | 0.0 | 0.0 | 0.0 | 431.7 | 222.8 | 0.0 | 0.0 | Z | 44.9 | 110.0 |
| + Nuclear industry | 2.4 | Z | Z | Z | Z | Z | Z | Z | Z | Z | 0.0 | 2.4 |
| + 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) | 350.3 | 0.0 | 0.0 | 0.0 | 0.0 | 252.2 | 3.3 | 0.0 | 0.0 | Z | 36.4 | 58.4 |
| Distribution losses | 885.3 | 0.0 | 39.7 | 0.0 | 0.0 | 2.1 | 59.8 | 0.1 | 0.0 | Z | 224.5 | 559.0 |
| Available for final consumption | 24 972.8 | 599.6 | 148.5 | 14.7 | 0.0 | 9 168.7 | 6 173.6 | 3 725.4 | 152.7 | 0.0 | 1 069.1 | 3 920.5 |
| Final non-energy consumption | 1 136.8 | 0.4 | 0.0 | 0.0 | 0.0 | 749.2 | 387.3 | 0.0 | Z | Z | Z | Z |
| Final energy consumption | 23 712.7 | 659.7 | 148.2 | 14.7 | 0.0 | 8 258.0 | 5 626.2 | 3 831.6 | 152.8 | Z | 1 103.0 | 3 918.6 |
| + Industry | 6 661.1 | 618.6 | 148.2 | 0.0 | 0.0 | 1 203.5 | 2 172.5 | 238.7 | 149.8 | Z | 242.5 | 1 887.3 |
| + Iron & steel | 1 158.9 | 506.6 | 148.2 | 0.0 | 0.0 | 0.2 | 298.3 | 0.0 | 1.0 | Z | 0.2 | 204.3 |
| + Chemical & petrochemical | 1 477.2 | 24.6 | 0.0 | 0.0 | 0.0 | 498.1 | 524.2 | 3.8 | 16.4 | Z | 135.2 | 274.7 |
| + Non-ferrous metals | 423.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 141.4 | 0.0 | 0.0 | Z | 0.0 | 281.2 |
| + Non-metallic minerals | 1 092.4 | 85.9 | 0.0 | 0.0 | 0.0 | 354.6 | 301.0 | 2.4 | 121.8 | Z | 0.4 | 226.3 |
| + Transport equipment | 291.2 | 0.0 | 0.0 | 0.0 | 0.0 | 7.4 | 115.1 | 0.0 | 0.0 | Z | 14.0 | 154.7 |
| + Machinery | 429.5 | 0.0 | 0.0 | 0.0 | 0.0 | 10.8 | 171.1 | 8.2 | 0.0 | Z | 12.4 | 227.0 |
| + Mining & quarrying | 37.5 | 0.0 | 0.0 | 0.0 | 0.0 | 13.1 | 1.1 | 2.0 | 0.0 | Z | 0.0 | 21.2 |
| + Food, beverages & tobacco | 575.4 | 1.2 | 0.0 | 0.0 | 0.0 | 44.3 | 309.9 | 30.2 | 6.6 | Z | 19.1 | 164.0 |
| + Paper, pulp & printing | 160.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 85.4 | 2.1 | 3.4 | Z | 7.8 | 60.6 |
| + Wood & wood products | 322.3 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 22.6 | 163.4 | 0.0 | Z | 39.3 | 82.0 |
| + Construction | 378.9 | 0.3 | 0.0 | 0.0 | 0.0 | 250.2 | 80.4 | 4.3 | 0.0 | Z | 2.2 | 41.4 |
| + Textile & leather | 170.4 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 105.3 | 0.7 | 0.4 | Z | 4.2 | 57.3 |
| + Not elsewhere specified (industry) | 143.6 | 0.0 | 0.0 | 0.0 | 0.0 | 5.4 | 16.8 | 21.4 | 0.0 | Z | 7.5 | 92.5 |
| + Transport | 6 571.9 | 0.0 | 0.0 | 0.0 | 0.0 | 6 068.3 | 0.1 | 412.4 | 0.0 | Z | Z | 91.2 |
| + Rail | 215.5 | 0.0 | 0.0 | 0.0 | 0.0 | 129.2 | Z | 0.0 | 0.0 | Z | Z | 86.3 |
| + Road | 6 246.5 | Z | Z | Z | Z | 5 830.8 | 0.0 | 412.3 | 0.0 | Z | Z | 3.3 |
| + Domestic aviation | 64.7 | Z | Z | Z | Z | 64.7 | Z | 0.0 | Z | Z | Z | Z |
| + Domestic navigation | 43.6 | 0.0 | 0.0 | 0.0 | 0.0 | 43.6 | Z | 0.0 | 0.0 | Z | Z | Z |
| + Pipeline transport | 1.6 | Z | Z | Z | Z | 0.0 | 0.1 | 0.0 | Z | Z | Z | 1.6 |
| + 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 | 10 479.7 | 41.1 | 0.0 | 14.7 | 0.0 | 986.2 | 3 453.5 | 3 180.5 | 3.0 | Z | 860.4 | 1 940.2 |
| + Commercial & public services | 1 962.1 | 0.4 | 0.0 | 0.0 | 0.0 | 108.2 | 818.5 | 124.9 | 3.0 | Z | 148.1 | 759.0 |
| + Households | 7 753.3 | 40.7 | 0.0 | 0.0 | 0.0 | 315.3 | 2 530.1 | 3 046.5 | 0.0 | Z | 704.2 | 1 116.4 |
| + Agriculture & forestry | 557.2 | 0.0 | 0.0 | 14.7 | 0.0 | 355.7 | 104.9 | 9.1 | 0.0 | Z | 8.1 | 64.7 |
| + Fishing | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.1 |
| + Not elsewhere specified (other) | 207.0 | 0.0 | 0.0 | 0.0 | 0.0 | 207.0 | 0.0 | 0.0 | 0.0 | Z | 0.0 | 0.0 |
| Statistical differences | 123.3 | -60.5 | 0.3 | 0.0 | 0.0 | 161.5 | 160.1 | -106.2 | -0.0 | 0.0 | -33.9 | 1.9 |
| Gross electricity production | 5 126.6 | 1 171.0 | 9.6 | 0.0 | 0.0 | 51.5 | 769.9 | 2 154.8 | 0.0 | 969.9 | Z | Z |
| Gross heat production | 1 467.6 | 251.6 | 4.2 | 0.0 | 0.0 | 77.4 | 1 057.5 | 76.6 | 0.4 | 0.0 | Z | 0.0 |

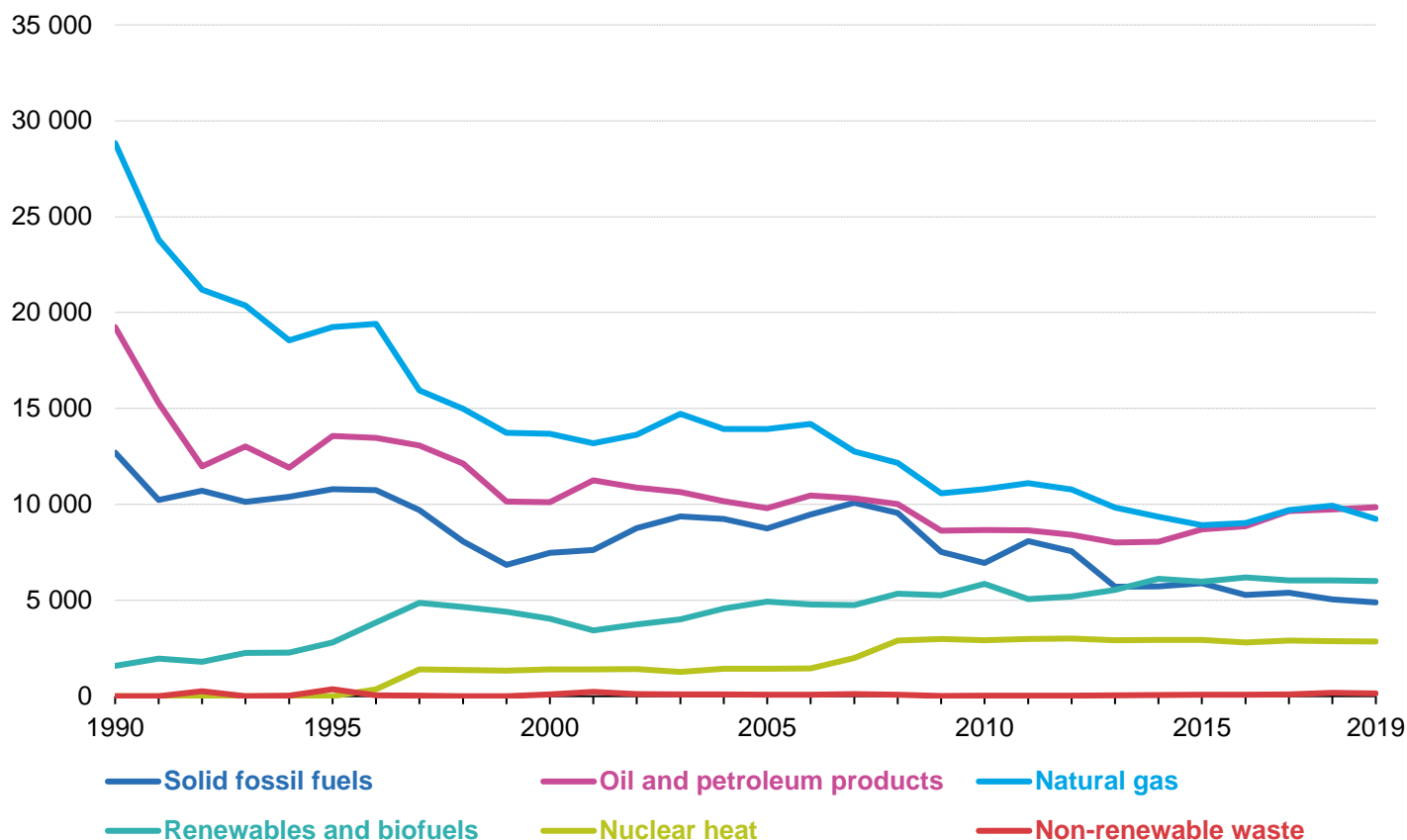
Source: Eurostat (nrg_bal_c)

| Romania | ktoe | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
| Gross available energy | 35 761 | 34 999 | 31 909 | 31 665 | 31 918 | 31 826 | 33 562 | 33 610 | 33 142 |
| Solid fossil fuels | 8 093 | 7 560 | 5 708 | 5 728 | 5 892 | 5 278 | 5 389 | 5 047 | 4 893 |
| Peat & peat products | 8 | 0 | 8 | 7 | 8 | 9 | 12 | 15 | 15 |
| Oil shale & oil sands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crude oil & other hydrocarbons | 9 787 | 8 918 | 9 639 | 10 835 | 11 024 | 11 880 | 12 278 | 12 430 | 12 936 |
| Petroleum products | 8 644 | 8 408 | 8 013 | 8 060 | 8 693 | 8 864 | 9 661 | 9 739 | 9 856 |
| Natural gas | 11 105 | 10 777 | 9 839 | 9 349 | 8 917 | 9 024 | 9 708 | 9 942 | 9 235 |
| Nuclear heat | 2 979 | 3 008 | 2 922 | 2 941 | 2 940 | 2 811 | 2 907 | 2 877 | 2 846 |
| Renewable energies | 5 067 | 5 195 | 5 551 | 6 124 | 5 973 | 6 193 | 6 042 | 6 038 | 6 013 |
| Non-renewable wastes | 29 | 27 | 41 | 70 | 72 | 80 | 93 | 171 | 153 |
| Primary production | 27 493 | 27 197 | 25 809 | 26 274 | 26 375 | 24 738 | 25 490 | 25 059 | 24 530 |
| Solid fossil fuels | 6 662 | 6 346 | 4 656 | 4 449 | 4 711 | 4 234 | 4 467 | 4 017 | 3 928 |
| Peat | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| Oil shale and oil sands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crude oil & other hydrocarbons | 4 129 | 3 891 | 4 028 | 3 961 | 3 929 | 3 734 | 3 568 | 3 518 | 3 521 |
| Natural gas | 8 667 | 8 683 | 8 600 | 8 766 | 8 785 | 7 784 | 8 608 | 8 562 | 8 274 |
| Nuclear heat | 2 979 | 3 008 | 2 922 | 2 941 | 2 940 | 2 811 | 2 907 | 2 877 | 2 846 |
| Renewable energies | 5 027 | 5 242 | 5 561 | 6 090 | 5 935 | 6 096 | 5 844 | 5 909 | 5 812 |
| Non-renewable wastes | 29 | 27 | 41 | 68 | 74 | 78 | 95 | 175 | 149 |
| Net imports | 7 560 | 7 862 | 5 845 | 5 276 | 5 326 | 6 970 | 7 819 | 8 164 | 10 065 |
| Solid fossil fuels | 1 077 | 1 222 | 1 042 | 953 | 982 | 1 028 | 990 | 886 | 1 078 |
| Crude oil | 5 374 | 5 078 | 5 238 | 6 675 | 6 546 | 7 452 | 7 716 | 8 263 | 8 657 |
| Gas/Diesel Oil (w/o bio) | 562 | 848 | 255 | -650 | -398 | -464 | -184 | -131 | -308 |
| Motor Gasoline (w/o bio) | -1 711 | -1 492 | -1 624 | -1 714 | -1 745 | -2 075 | -1 894 | -2 142 | -2 200 |
| Naphtha | -103 | -59 | -65 | -109 | -129 | -108 | -246 | -200 | -183 |
| LPG | -109 | -110 | -105 | -83 | -86 | -136 | -91 | -113 | -146 |
| All other oil & petroleum products | 4 097 | 4 387 | 3 819 | 4 428 | 4 715 | 5 081 | 5 921 | 6 148 | 6 487 |
| Natural gas | 2 464 | 2 297 | 1 165 | 465 | 161 | 1 175 | 941 | 1 196 | 2 147 |
| Transformation input | 26 342 | 25 260 | 23 778 | 26 066 | 26 056 | 25 537 | 26 168 | 26 270 | 26 216 |
| Electricity & heat generation | 15 038 | 14 142 | 12 617 | 13 031 | 13 321 | 12 749 | 13 006 | 12 964 | 12 106 |
| Refinery intake | 10 375 | 9 768 | 10 030 | 11 558 | 11 439 | 12 073 | 12 397 | 12 509 | 13 243 |
| Coke ovens | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blast furnaces | 178 | 213 | 226 | 222 | 254 | 249 | 234 | 252 | 258 |
| Transformation output | 20 122 | 18 608 | 18 603 | 20 942 | 20 647 | 20 632 | 20 834 | 20 993 | 21 154 |
| Electricity & heat generation | 7 711 | 7 211 | 7 089 | 7 509 | 7 530 | 7 431 | 7 310 | 7 285 | 6 594 |
| Refinery output | 11 008 | 10 092 | 10 399 | 11 979 | 11 845 | 12 517 | 12 790 | 12 939 | 13 721 |
| Coke ovens | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blast furnaces | 178 | 213 | 226 | 213 | 244 | 239 | 225 | 242 | 247 |
| Energy sector | 3 013 | 2 846 | 2 709 | 2 631 | 2 337 | 2 411 | 2 490 | 2 289 | 2 035 |
| Distribution losses | 1 363 | 1 335 | 1 116 | 1 069 | 1 077 | 1 073 | 998 | 990 | 885 |
| Available for final consumption | 25 010 | 24 018 | 22 702 | 22 555 | 22 810 | 23 115 | 24 376 | 24 899 | 24 973 |
| Solid fossil fuels | 681 | 759 | 533 | 603 | 659 | 654 | 655 | 553 | 600 |
| Manufactured gases | 142 | 189 | 196 | 174 | 169 | 159 | 150 | 148 | 149 |
| Peat & peat products | 8 | 0 | 8 | 7 | 8 | 9 | 12 | 15 | 15 |
| Oil shale & oil sands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gas/Diesel Oil (w/o bio) | 4 706 | 4 589 | 4 267 | 4 348 | 4 661 | 4 904 | 5 430 | 5 661 | 5 759 |
| Motor Gasoline (w/o bio) | 1 415 | 1 408 | 1 316 | 1 431 | 1 369 | 1 405 | 1 457 | 1 431 | 1 435 |
| Naphtha | 185 | 3 | 7 | -50 | -10 | 79 | 1 | 2 | 2 |
| LPG | 510 | 350 | 387 | 478 | 447 | 475 | 531 | 516 | 488 |
| All other oil & petroleum products | 8 177 | 7 234 | 6 996 | 7 062 | 7 813 | 7 979 | 8 560 | 8 929 | 9 169 |
| Natural gas | 7 074 | 6 922 | 6 325 | 6 149 | 5 600 | 5 557 | 6 048 | 6 307 | 6 174 |
| Primary solid biofuels & charcoal | 3 358 | 3 565 | 3 499 | 3 442 | 3 325 | 3 413 | 3 446 | 3 291 | 3 273 |
| Liquid biofuels | 187 | 195 | 203 | 167 | 202 | 257 | 297 | 297 | 418 |
| All other renewable energies | 3 577 | 3 787 | 3 737 | 3 635 | 3 552 | 3 703 | 3 778 | 3 623 | 3 725 |
| Non-renewable wastes | 27 | 27 | 40 | 69 | 72 | 78 | 93 | 171 | 153 |
| Electricity | 3 665 | 3 616 | 3 466 | 3 608 | 3 709 | 3 746 | 3 856 | 3 938 | 3 921 |
| Heat | 1 658 | 1 484 | 1 401 | 1 247 | 1 228 | 1 229 | 1 226 | 1 215 | 1 069 |
| Statistical difference | 196 | -340 | -387 | -435 | 85 | 37 | 318 | 435 | 123 |
| Final non-energy consumption | 2 223 | 1 729 | 1 457 | 1 520 | 1 125 | 1 143 | 1 078 | 1 018 | 1 137 |
| Final energy consumption | 22 591 | 22 629 | 21 631 | 21 470 | 21 600 | 21 935 | 22 980 | 23 445 | 23 713 |
| Industry | 7 060 | 6 748 | 6 273 | 6 427 | 6 419 | 6 264 | 6 438 | 6 612 | 6 661 |
| Transport | 5 213 | 5 315 | 5 189 | 5 266 | 5 338 | 5 738 | 6 149 | 6 304 | 6 572 |
| Other sectors | 10 318 | 10 566 | 10 170 | 9 777 | 9 844 | 9 933 | 10 393 | 10 529 | 10 480 |
| Services | 1 774 | 1 763 | 1 785 | 1 768 | 1 762 | 1 806 | 1 858 | 1 976 | 1 962 |
| Households | 7 860 | 8 061 | 7 722 | 7 410 | 7 375 | 7 415 | 7 732 | 7 775 | 7 753 |
| 2030 indicators | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
| Gross inland consumption | 35 751 | 34 985 | 31 868 | 31 585 | 31 873 | 31 795 | 33 535 | 33 592 | 33 107 |
| Primary energy consumption | 33 528 | 33 256 | 30 411 | 30 066 | 30 748 | 30 652 | 32 457 | 32 574 | 31 971 |
| Final energy consumption | 22 736 | 22 763 | 21 796 | 21 686 | 21 850 | 22 237 | 23 325 | 23 592 | 23 876 |

Source: Eurostat (nrg_bal_c)

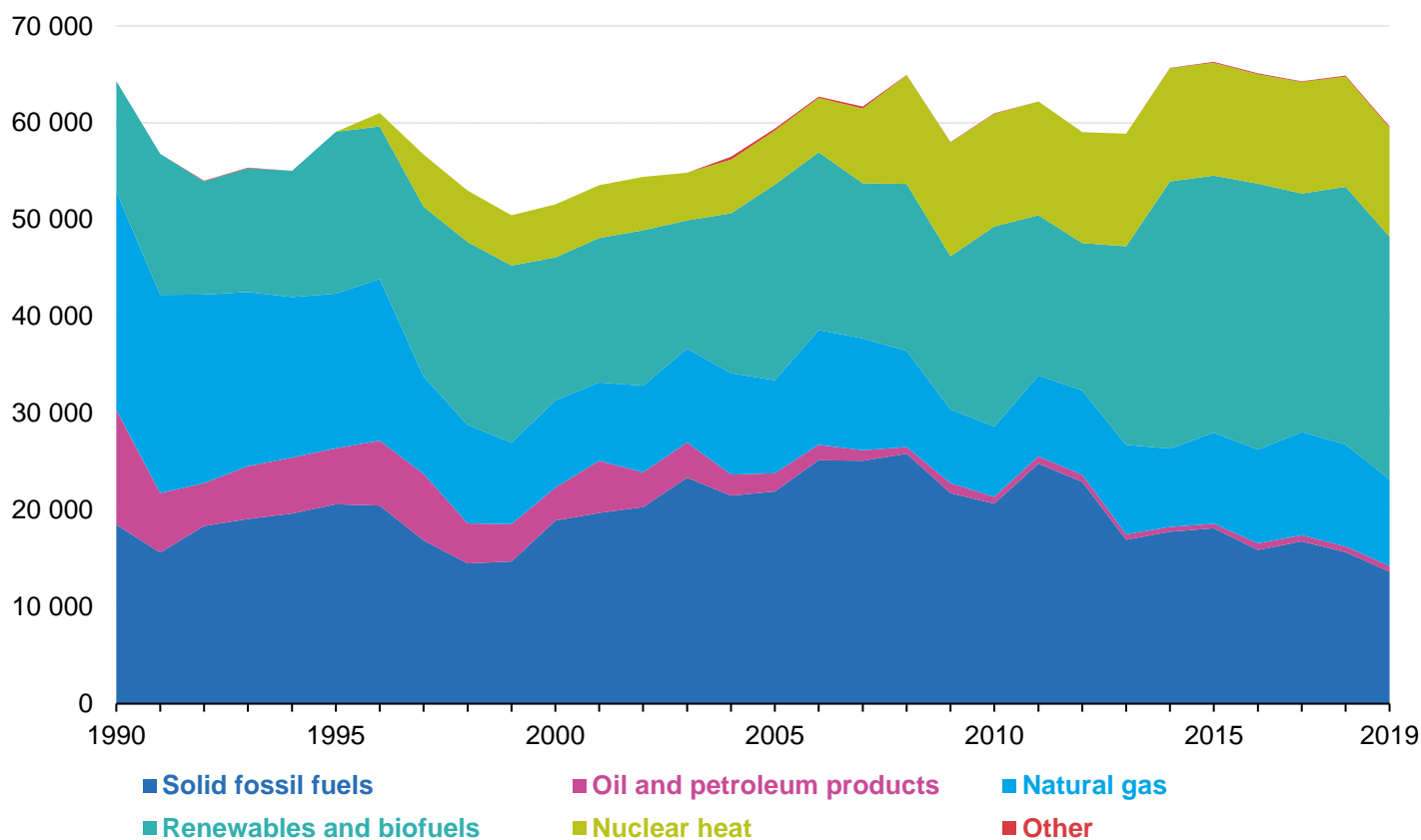
Romania

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

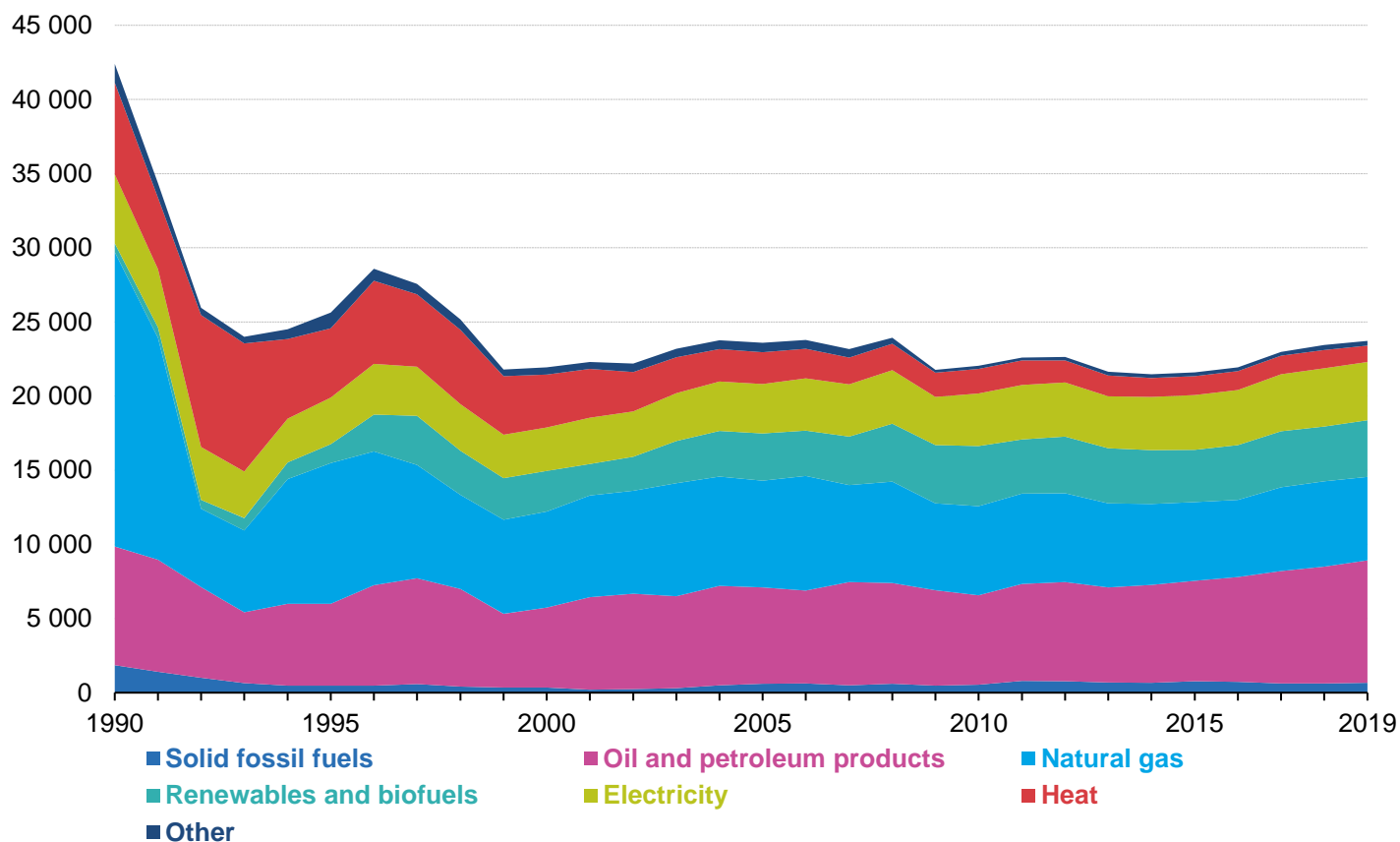
Gross electricity production by fuel, GWh



Source: Eurostat (nrg_bal_c)

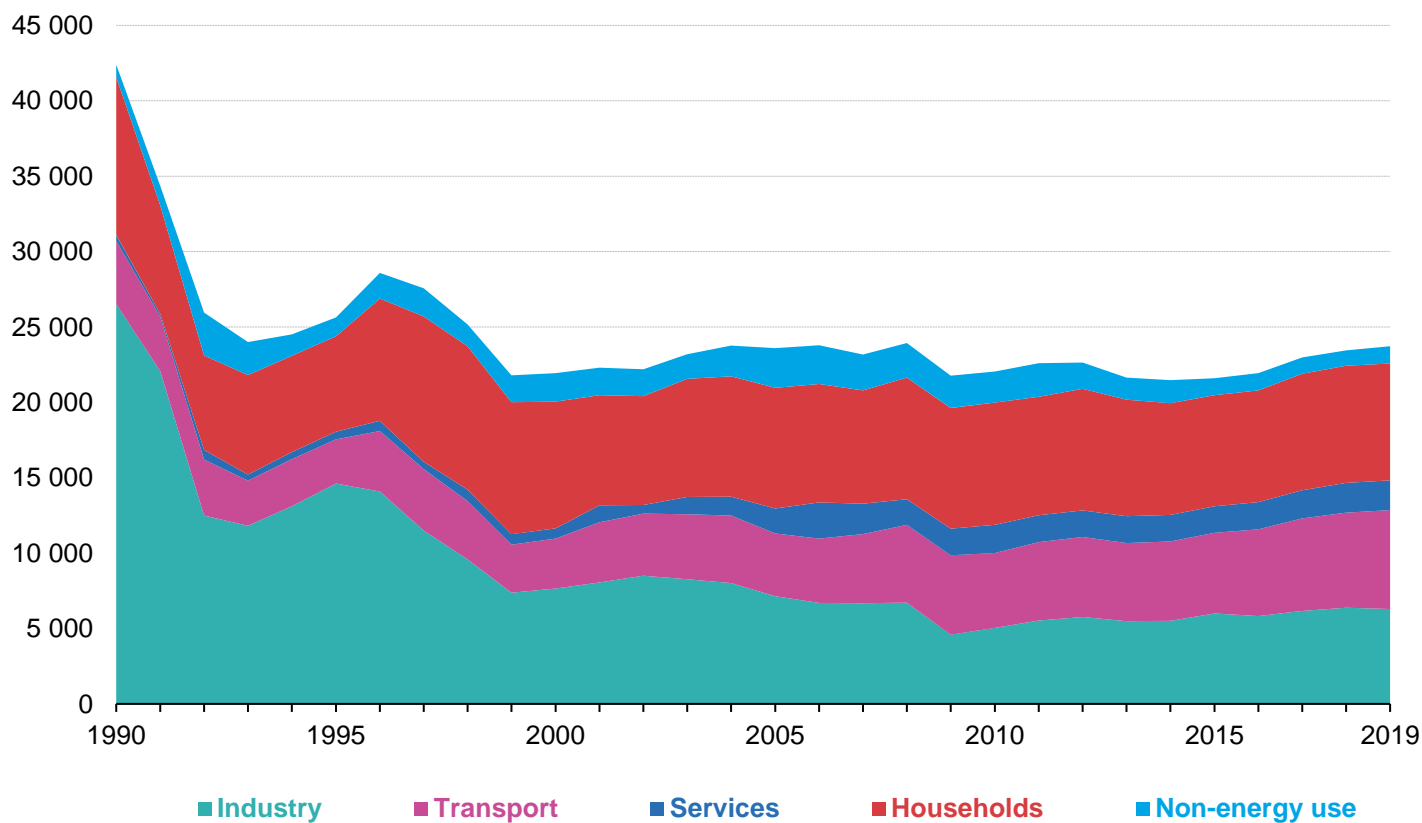
Romania

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production

Romania

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-------|--------|--------|--------|--------|--------|--------|----------|
| Total | 65 676 | 66 295 | 65 103 | 64 296 | 64 876 | 59 623 | 56 090 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 | 282 | 198 | 142 | 188 | 247 | 314 | : O |
| Lignite | 17 481 | 17 927 | 15 739 | 16 592 | 15 398 | 13 304 | 9 581 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 | 17 763 | 18 125 | 15 881 | 16 780 | 15 646 | 13 618 | 9 581 P |

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-----------------------|-------|-------|-------|--------|--------|-------|----------|
| Natural gas | 8 104 | 9 386 | 9 655 | 10 656 | 10 521 | 8 954 | 10 046 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 | 45 | 95 | 100 | 77 | 106 | 111 | : O |
| Other recovered gases | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Sub-total | 8 149 | 9 481 | 9 755 | 10 733 | 10 627 | 9 066 | 10 046 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 | 270 | 257 | 371 | 412 | 373 | 419 | : O |
| 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 | 25 | 14 | 19 | 6 | 6 | 9 | : O |
| Fuel oil | 44 | 52 | 103 | 28 | 22 | 10 | : O |
| Petroleum coke | 0 | 0 | 211 | 187 | 198 | 161 | 174 P |
| Bitumen | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Other oil products | 147 | 151 | 0 | 0 | 0 | 0 | 0 P |
| Sub-total | 486 | 474 | 704 | 633 | 599 | 598 | 174 P |

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

| GWh | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|---------------------------|--------|--------|--------|--------|--------|--------|----------|
| Hydro | 19 280 | 17 007 | 18 536 | 14 853 | 18 097 | 16 006 | 15 701 P |
| Geothermal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Wind | 6 201 | 7 063 | 6 590 | 7 407 | 6 322 | 6 773 | 6 945 P |
| Solar thermal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Solar photovoltaic | 1 616 | 1 982 | 1 820 | 1 856 | 1 771 | 1 778 | 1 733 P |
| Tide, wave, ocean | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Solid biofuels | 453 | 462 | 466 | 458 | 367 | 450 | 444 P |
| Liquid biofuels | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Biogases | 51 | 61 | 65 | 67 | 70 | 54 | : O |
| Renewable municipal waste | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Sub-total | 27 601 | 26 575 | 27 477 | 24 641 | 26 628 | 25 060 | 24 823 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 | 11 676 | 11 640 | 11 286 | 11 509 | 11 377 | 11 280 | 11 466 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 | 11 676 | 11 640 | 11 286 | 11 509 | 11 377 | 11 280 | 11 466 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 | 140 | 114 | 126 | 182 | 173 | 163 | 142 P |
| Coking coal | 21 | 14 | 10 | 8 | 7 | 2 | 1 P |
| Other bituminous coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Sub-bituminous coal | 639 | 701 | 659 | 644 | 614 | 761 | 680 P |
| Lignite | 25 435 | 26 204 | 23 218 | 25 575 | 24 339 | 21 458 | 15 269 P |
| Coke oven coke | 711 | 825 | 829 | 726 | 748 | 769 | 693 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 | 33 | 39 | 45 | 56 | 71 | 70 | 76 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 | 434 925 | 414 833 | 419 784 | 447 095 | 457 894 | 425 336 | 458 453 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 | 8 924 | 10 195 | 9 990 | 9 408 | 10 137 | 10 354 | 9 743 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 | 7 253 | 7 254 | 8 061 | 8 621 | 9 053 | 9 600 | 8 037 P |
| Refinery intake | 11 512 | 11 566 | 12 107 | 12 509 | 12 646 | 13 141 | 11 660 P |

Source: Eurostat (nrg_cb_oil)

Oil products

| kt | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|------------------------|--------|--------|--------|--------|--------|--------|----------|
| Imports | 2 036 | 2 464 | 2 449 | 2 555 | 2 662 | 2 606 | 2 693 P |
| Export | 4 614 | 4 668 | 5 099 | 4 970 | 5 283 | 5 393 | 4 131 P |
| Total refinery output | 11 666 | 11 530 | 12 194 | 12 462 | 12 584 | 13 327 | 11 429 P |
| Gas oil and diesel oil | 5 170 | 5 116 | 5 437 | 5 655 | 5 656 | 6 139 | 5 394 P |
| Motor gasoline | 2 998 | 2 982 | 3 405 | 3 285 | 3 381 | 3 485 | 2 784 P |
| Fuel oil | 321 | 308 | 218 | 182 | 196 | 193 | 110 P |
| Naphtha | 280 | 282 | 184 | 230 | 193 | 181 | 141 P |
| Kerosene-type jet fuel | 372 | 400 | 398 | 381 | 418 | 512 | 186 P |
| All other oil products | 2 525 | 2 442 | 2 552 | 2 729 | 2 739 | 2 818 | 2 814 P |

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

| | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|-----------------------------|---------|---------|---------|---------|---------|---------|-----------|
| Primary solid biofuels [TJ] | 151 473 | 147 113 | 150 997 | 152 372 | 144 972 | 144 799 | 127 662 E |
| Charcoal [kt] | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |
| Biogases [TJ] | 810 | 767 | 739 | 755 | 865 | 794 | 794 E |
| Pure biogasoline [kt] | 65 | 96 | 127 | 142 | 141 | 153 | 153 E |
| Pure biodiesels [kt] | 143 | 161 | 200 | 235 | 235 | 364 | 364 E |
| 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 | 81 | 48 | 71 | 85 | 85 | 85 | 85 E |
| Non-renewable municipal waste | 108 | 111 | 122 | 122 | 103 | 103 | 103 E |
| Industrial waste (non-renewable) | 2 818 | 2 903 | 3 208 | 3 768 | 7 061 | 6 311 | 6 311 E |

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

| TJ | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020P |
|---------------------------|-------|-------|-------|-------|-------|-------|---------|
| Geothermal | 1 183 | 1 219 | 1 509 | 1 752 | 1 665 | 1 663 | 1 663 E |
| Solar thermal | 23 | 21 | 22 | 31 | 31 | 30 | 30 E |
| Ambinet heat (heat pumps) | 0 | 0 | 0 | 0 | 0 | 0 | 0 P |

Source: Eurostat (nrg_cb_rw)