

Ukraine 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	60 354.6	14 185.8	Z	125.2	0.0	2 478.1	16 260.9	4 773.1	0.0	21 843.7	687.7	Z
+ Recovered & recycled products	135.5	135.5	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	34 803.3	13 230.5	0.0	8.1	0.0	11 723.6	9 601.2	47.5	0.0	Z	0.0	192.4
- Exports	1 827.6	46.7	0.0	2.0	0.0	809.8	0.0	428.9	0.0	Z	0.0	540.2
+ Change in stock	-3 824.3	-1 519.2	0.0	-41.5	0.0	204.8	-2 425.2	-43.1	0.0	Z	Z	Z
<b>= Gross available energy</b>	<b>89 641.5</b>	<b>25 985.9</b>	<b>0.0</b>	<b>89.7</b>	<b>0.0</b>	<b>13 596.7</b>	<b>23 436.9</b>	<b>4 348.6</b>	<b>0.0</b>	<b>21 843.7</b>	<b>687.7</b>	<b>-347.8</b>
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
<b>= Gross inland consumption</b>	<b>89 641.5</b>	<b>25 985.9</b>	<b>0.0</b>	<b>89.7</b>	<b>0.0</b>	<b>13 596.7</b>	<b>23 436.9</b>	<b>4 348.6</b>	<b>0.0</b>	<b>21 843.7</b>	<b>687.7</b>	<b>-347.8</b>
- International aviation	121.3	Z	Z	Z	Z	121.3	Z	0.0	Z	Z	Z	Z
<b>= Total energy supply</b>	<b>89 520.1</b>	<b>25 985.9</b>	<b>0.0</b>	<b>89.7</b>	<b>0.0</b>	<b>13 475.4</b>	<b>23 436.9</b>	<b>4 348.6</b>	<b>0.0</b>	<b>21 843.7</b>	<b>687.7</b>	<b>-347.8</b>
<b>Transformation input</b>	<b>66 964.7</b>	<b>28 233.0</b>	<b>1 036.3</b>	<b>144.8</b>	<b>0.0</b>	<b>4 108.1</b>	<b>8 229.0</b>	<b>2 475.1</b>	<b>0.0</b>	<b>21 843.7</b>	<b>737.1</b>	<b>157.8</b>
+ Electricity & heat generation	47 272.6	13 091.5	1 036.3	35.8	0.0	187.1	8 229.0	1 954.5	0.0	21 843.7	737.1	157.8
+ Coke ovens	9 864.5	9 864.5	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	4 972.2	4 972.2	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	36.6	36.6	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	3 921.0	Z	Z	Z	Z	3 921.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	135.5	135.5	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	109.0	0.0	0.0	109.0	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	88.1	Z	Z	Z	Z	Z	Z	88.1	Z	Z	Z	Z
+ Charcoal production plants	432.5	Z	Z	Z	Z	Z	Z	432.5	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	132.7	132.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
<b>Transformation output</b>	<b>34 767.7</b>	<b>6 573.6</b>	<b>3 860.6</b>	<b>200.7</b>	<b>Z</b>	<b>1 539.4</b>	<b>0.0</b>	<b>213.7</b>	<b>Z</b>	<b>Z</b>	<b>9 125.9</b>	<b>13 253.7</b>
+ Electricity & heat generation	22 379.6	Z	Z	Z	Z	Z	Z	Z	Z	Z	9 125.9	13 253.7
+ Coke ovens	8 123.8	6 573.6	1 550.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	2 310.4	0.0	2 310.4	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	1 404.2	Z	Z	Z	Z	1 404.2	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	200.7	0.0	Z	200.7	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	88.1	Z	Z	Z	Z	Z	Z	88.1	Z	Z	Z	Z
+ Charcoal production plants	125.6	Z	Z	Z	Z	Z	Z	125.6	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	135.2	0.0	0.0	0.0	Z	135.2	Z	Z	Z	Z	Z	Z
<b>Energy sector</b>	<b>3 609.6</b>	<b>124.4</b>	<b>508.7</b>	<b>4.2</b>	<b>0.0</b>	<b>63.4</b>	<b>710.6</b>	<b>0.0</b>	<b>0.0</b>	<b>Z</b>	<b>896.6</b>	<b>1 301.7</b>
+ Own use in electricity & heat genera	1 617.2	122.9	0.0	0.0	0.0	6.0	9.0	0.0	0.0	Z	481.1	998.1
+ Coal mines	246.5	1.6	0.0	0.0	0.0	3.0	0.0	0.0	0.0	Z	65.4	176.5
+ Oil & natural gas extraction plants	717.9	Z	Z	Z	Z	5.6	615.0	0.0	Z	Z	45.7	51.7
+ 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	533.8	0.0	303.9	0.0	0.0	0.0	0.0	0.0	0.0	Z	196.8	33.1
+ BKB & PB plants	4.2	0.0	0.0	4.2	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	92.0	0.0	0.0	0.0	0.0	0.0	76.3	0.0	0.0	Z	11.3	4.4
+ Blast furnaces	204.8	0.0	204.8	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	187.4	0.0	0.0	0.0	0.0	42.9	10.3	0.0	0.0	Z	96.3	37.8
+ 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)	5.8	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	Z	0.0	0.0
<b>Distribution losses</b>	<b>3 652.8</b>	<b>2.1</b>	<b>532.6</b>	<b>1.3</b>	<b>0.0</b>	<b>6.0</b>	<b>697.1</b>	<b>0.0</b>	<b>0.0</b>	<b>Z</b>	<b>1 000.6</b>	<b>1 413.1</b>
<b>Available for final consumption</b>	<b>50 060.7</b>	<b>4 200.0</b>	<b>1 783.1</b>	<b>140.3</b>	<b>0.0</b>	<b>10 837.3</b>	<b>13 800.2</b>	<b>2 087.2</b>	<b>0.0</b>	<b>0.0</b>	<b>7 179.3</b>	<b>10 033.4</b>
<b>Final non-energy consumption</b>	<b>2 798.9</b>	<b>506.1</b>	<b>2.9</b>	<b>0.0</b>	<b>0.0</b>	<b>805.1</b>	<b>1 484.9</b>	<b>0.0</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>	<b>Z</b>
<b>Final energy consumption</b>	<b>46 886.4</b>	<b>3 886.6</b>	<b>1 780.1</b>	<b>140.3</b>	<b>0.0</b>	<b>9 761.5</b>	<b>12 018.0</b>	<b>2 087.2</b>	<b>0.0</b>	<b>Z</b>	<b>7 179.3</b>	<b>10 033.4</b>
+ Industry	16 126.6	3 342.0	1 780.1	4.4	0.0	517.0	2 721.7	73.9	0.0	Z	3 509.3	4 178.1
+ Iron & steel	8 456.6	2 509.3	1 780.1	0.9	0.0	83.9	1 412.7	7.4	0.0	Z	1 193.5	1 468.8
+ Chemical & petrochemical	1 190.0	1.9	0.0	0.0	0.0	14.0	177.6	0.7	0.0	Z	673.6	322.2
+ Non-ferrous metals	677.3	99.3	0.0	0.0	0.0	5.1	149.0	0.2	0.0	Z	290.4	133.3
+ Non-metallic minerals	1 406.2	649.8	0.0	1.8	0.0	55.7	398.3	15.3	0.0	Z	70.1	215.3
+ Transport equipment	132.1	0.6	0.0	0.0	0.0	6.8	17.1	0.5	0.0	Z	38.9	68.3
+ Machinery	425.1	4.3	0.0	0.0	0.0	7.1	106.6	3.0	0.0	Z	73.4	230.7
+ Mining & quarrying	1 404.6	47.9	0.0	0.4	0.0	206.7	266.8	1.7	0.0	Z	78.0	803.1
+ Food, beverages & tobacco	1 406.2	27.3	0.0	1.1	0.0	19.3	156.1	9.4	0.0	Z	801.8	391.1
+ Paper, pulp & printing	235.3	0.0	0.0	0.0	0.0	1.0	18.3	0.2	0.0	Z	136.5	79.2
+ Wood & wood products	191.4	0.0	0.0	0.0	0.0	8.9	0.9	31.5	0.0	Z	82.3	67.9
+ Construction	213.1	1.6	0.0	0.4	0.0	103.0	8.5	2.3	0.0	Z	14.3	83.2
+ Textile & leather	60.4	0.0	0.0	0.0	0.0	1.0	5.5	1.3	0.0	Z	20.4	32.2
+ Not elsewhere specified (industry)	328.3	0.0	0.0	0.0	0.0	4.5	4.4	0.4	0.0	Z	36.1	282.9
+ Transport	10 029.1	4.7	0.0	0.0	0.0	7 829.7	1 538.8	88.1	0.0	Z	Z	567.8
+ Rail	492.1	4.7	0.0	0.0	0.0	27.2	Z	0.0	0.0	Z	Z	460.2
+ Road	7 594.2	Z	Z	Z	Z	7 485.9	20.2	88.1	0.0	Z	Z	0.0
+ Domestic aviation	182.5	Z	Z	Z	Z	182.5	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	134.1	0.0	0.0	0.0	0.0	134.1	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	1 539.3	Z	Z	Z	Z	0.0	1 517.8	0.0	Z	Z	Z	21.5
+ Not elsewhere specified (transport)	86.9	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	Z	Z	86.1
+ Other	20 730.8	539.9	0.0	135.8	0.0	1 414.8	7 757.5	1 925.1	0.0	Z	3 670.0	5 287.5
+ Commercial & public services	4 832.8	381.9	0.0	6.7	0.0	142.0	818.5	42.5	0.0	Z	1 502.5	1 938.8
+ Households	14 015.7	151.8	0.0	128.5	0.0	27.5	6 843.3	1 855.0	0.0	Z	1 979.8	3 029.8
+ Agriculture & forestry	1 878.1	6.2	0.0	0.7	0.0	1 244.3	95.7	27.6	0.0	Z	187.6	316.0
+ Fishing	4.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	Z	0.1	3.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
<b>Statistical differences</b>	<b>375.4</b>	<b>-192.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>270.7</b>	<b>297.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Gross electricity production	13 242.6	3 835.3	68.1	0.3	0.0	40.2	1 025.5	1 136.3	0.0	7 136.9	Z	Z
Gross heat production	8 460.3	770.2	642.5	24.4	0.0	46.4	6 020.0	785.5	0.0	144.3	Z	27.1

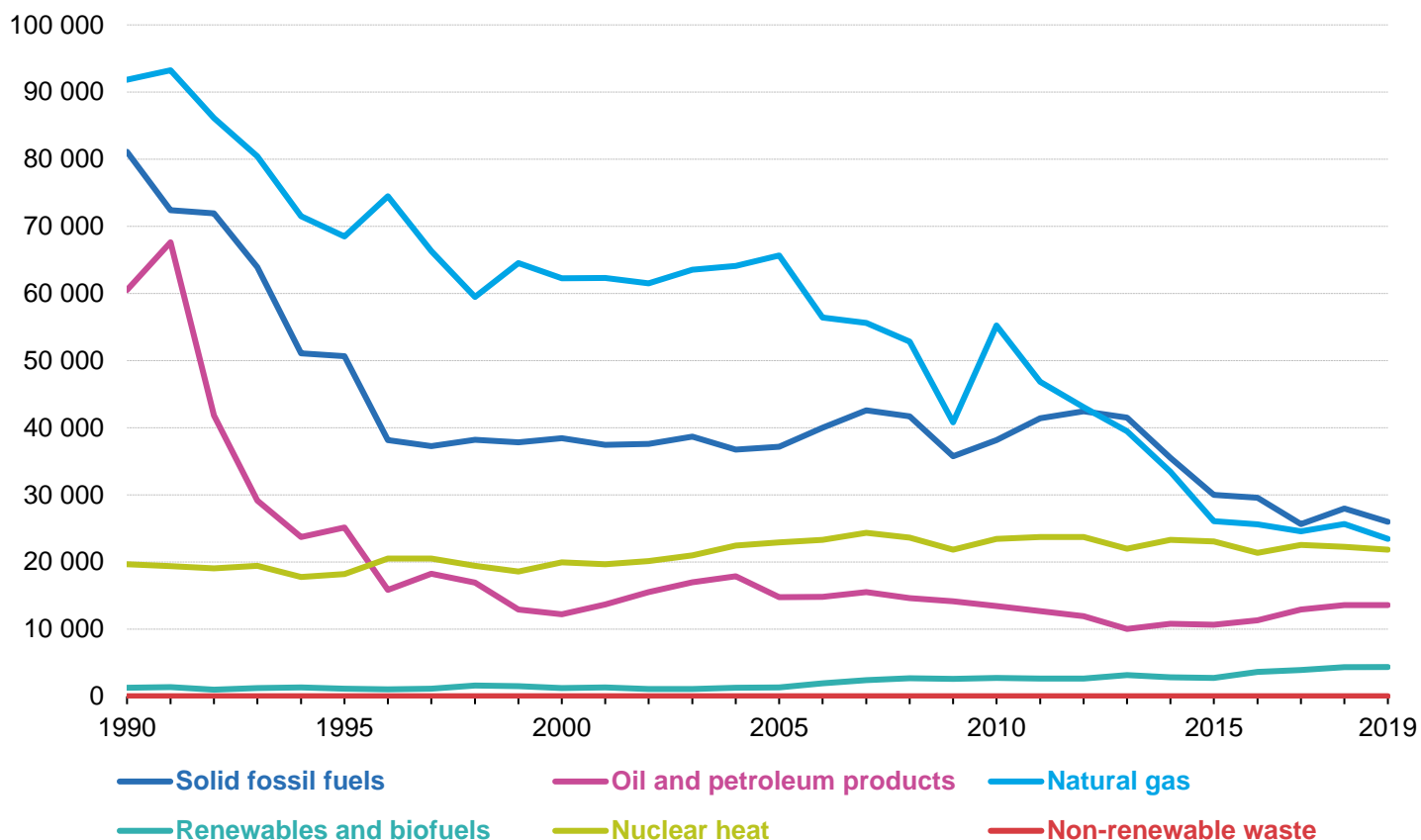
Source: Eurostat (nrg\_bal\_c)

Ukraine	ktoe								
	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Gross available energy</b>	126 864	122 899	116 383	105 890	93 113	91 863	89 768	93 851	89 641
Solid fossil fuels	41 383	42 449	41 509	35 509	29 995	29 589	25 637	27 957	25 986
Peat & peat products	104	96	115	68	117	121	125	98	90
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	9 100	5 073	3 978	3 043	2 851	2 806	3 351	3 635	3 786
Petroleum products	12 690	11 914	10 021	10 771	10 627	11 307	12 893	13 572	13 597
Natural gas	46 853	43 035	39 461	33 450	26 083	25 600	24 554	25 653	23 437
Nuclear heat	23 739	23 739	21 954	23 271	23 050	21 336	22 528	22 235	21 844
Renewable energies	2 636	2 652	3 173	2 801	2 705	3 621	3 920	4 317	4 349
Non-renewable wastes	0	0	0	0	0	0	2	0	0
<b>Primary production</b>	82 106	84 441	83 964	72 035	64 392	61 460	58 890	60 886	60 355
Solid fossil fuels	36 596	39 052	38 213	26 778	19 916	17 780	13 517	14 338	14 186
Peat	119	106	108	107	114	125	120	125	125
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	3 407	3 437	3 167	2 817	2 618	2 304	2 208	2 341	2 478
Natural gas	15 530	15 413	16 032	15 055	14 839	15 171	15 471	16 487	16 261
Nuclear heat	23 739	23 739	21 954	23 271	23 050	21 336	22 528	22 235	21 844
Renewable energies	2 715	2 693	3 490	3 263	3 204	4 132	4 490	4 820	4 773
Non-renewable wastes	0	0	0	0	0	0	2	0	0
<b>Net imports</b>	47 684	38 499	31 400	27 438	30 002	27 679	33 167	32 347	32 976
Solid fossil fuels	2 764	4 740	2 895	5 499	9 369	10 121	12 428	13 745	13 184
Crude oil	5 707	1 530	733	139	220	505	826	727	794
Gas/Diesel Oil (w/o bio)	2 928	4 310	4 269	4 736	4 873	5 166	5 270	5 423	6 041
Motor Gasoline (w/o bio)	1 294	1 659	1 602	2 091	1 475	1 528	1 325	1 194	1 095
Naphtha	0	0	0	0	0	0	0	0	0
LPG	140	260	397	474	657	1 188	1 229	1 421	1 546
All other oil & petroleum products	9 345	8 225	7 099	7 447	7 965	9 583	10 419	11 153	10 914
Natural gas	36 189	26 598	22 595	15 724	13 292	8 809	11 262	8 459	9 601
<b>Transformation input</b>	102 034	96 514	92 168	79 085	72 357	72 636	68 526	71 115	66 965
Electricity & heat generation	63 780	63 984	62 177	56 257	50 647	52 002	48 431	49 347	47 273
Refinery intake	9 828	5 199	4 104	3 308	3 051	3 081	3 666	4 003	3 768
Coke ovens	19 190	18 810	17 230	12 112	11 583	10 047	9 973	11 063	9 864
Blast furnaces	8 185	7 712	7 797	6 333	6 086	6 471	5 212	5 323	4 972
<b>Transformation output</b>	61 459	56 067	53 345	44 425	38 384	41 637	37 603	38 063	34 768
Electricity & heat generation	31 295	31 418	30 715	26 321	23 107	24 840	23 085	23 568	22 380
Refinery output	9 762	5 179	4 148	3 331	2 832	3 188	2 997	2 412	1 244
Coke ovens	15 887	15 359	14 594	11 144	9 274	10 232	8 350	8 696	8 124
Blast furnaces	3 628	3 469	3 439	2 973	2 607	2 806	2 286	2 388	2 310
<b>Energy sector</b>	6 812	6 615	5 874	4 855	4 234	4 633	3 836	4 150	3 610
<b>Distribution losses</b>	4 201	4 098	4 139	3 556	3 295	3 388	3 150	3 509	3 653
<b>Available for final consumption</b>	75 032	71 436	67 422	62 689	51 488	52 687	51 608	52 840	50 061
Solid fossil fuels	5 509	5 472	5 606	6 454	4 047	3 961	3 384	4 177	4 200
Manufactured gases	3 397	3 182	2 952	2 674	2 176	2 284	1 767	1 801	1 783
Peat & peat products	108	102	67	25	67	66	124	109	140
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	5 514	5 674	5 122	5 659	5 571	5 442	6 300	5 539	6 156
Motor Gasoline (w/o bio)	4 314	3 410	2 633	2 981	2 168	2 225	2 094	1 170	1 126
Naphtha	0	0	0	0	0	0	0	0	0
LPG	843	879	940	956	1 008	1 604	1 632	1 874	2 031
All other oil & petroleum products	11 647	11 012	9 291	10 051	9 692	9 783	11 478	11 467	10 837
Natural gas	29 201	26 860	24 923	21 845	16 141	15 858	15 166	15 615	13 800
Primary solid biofuels & charcoal	1 009	999	1 043	1 125	1 218	1 655	1 758	1 880	1 973
Liquid biofuels	0	0	48	42	35	38	47	37	88
All other renewable energies	1 039	1 029	1 123	1 201	1 283	1 724	1 833	1 945	2 087
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	12 021	11 837	11 826	11 504	10 733	10 636	10 092	10 202	10 033
Heat	12 111	11 941	11 634	8 935	7 350	8 375	7 765	7 523	7 179
<b>Statistical difference</b>	-638	-1 084	-2 650	1 296	681	951	1 747	1 798	375
<b>Final non-energy consumption</b>	6 024	6 116	4 929	3 499	3 318	2 910	2 515	2 624	2 799
<b>Final energy consumption</b>	69 646	66 404	65 144	57 894	47 488	48 826	47 346	48 418	46 886
Industry	25 811	23 982	21 842	20 568	16 378	15 512	15 095	16 416	16 127
Transport	12 875	11 772	11 849	10 300	8 721	9 134	9 591	9 418	10 029
Other sectors	30 961	30 650	31 453	27 026	22 389	24 180	22 660	22 584	20 731
Services	5 129	5 007	5 768	4 665	3 888	4 672	4 337	4 721	4 833
Households	23 588	23 454	23 446	20 357	16 552	17 349	16 483	15 986	14 016
<b>2030 indicators</b>	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross inland consumption	126 864	122 899	115 383	105 145	92 462	91 250	89 215	93 310	88 952
Primary energy consumption	120 839	116 783	110 454	101 645	89 143	88 340	86 700	90 687	86 154
Final energy consumption	74 686	71 155	69 835	61 633	51 329	52 891	50 674	51 873	49 874

Source: Eurostat (nrg\_bal\_c)

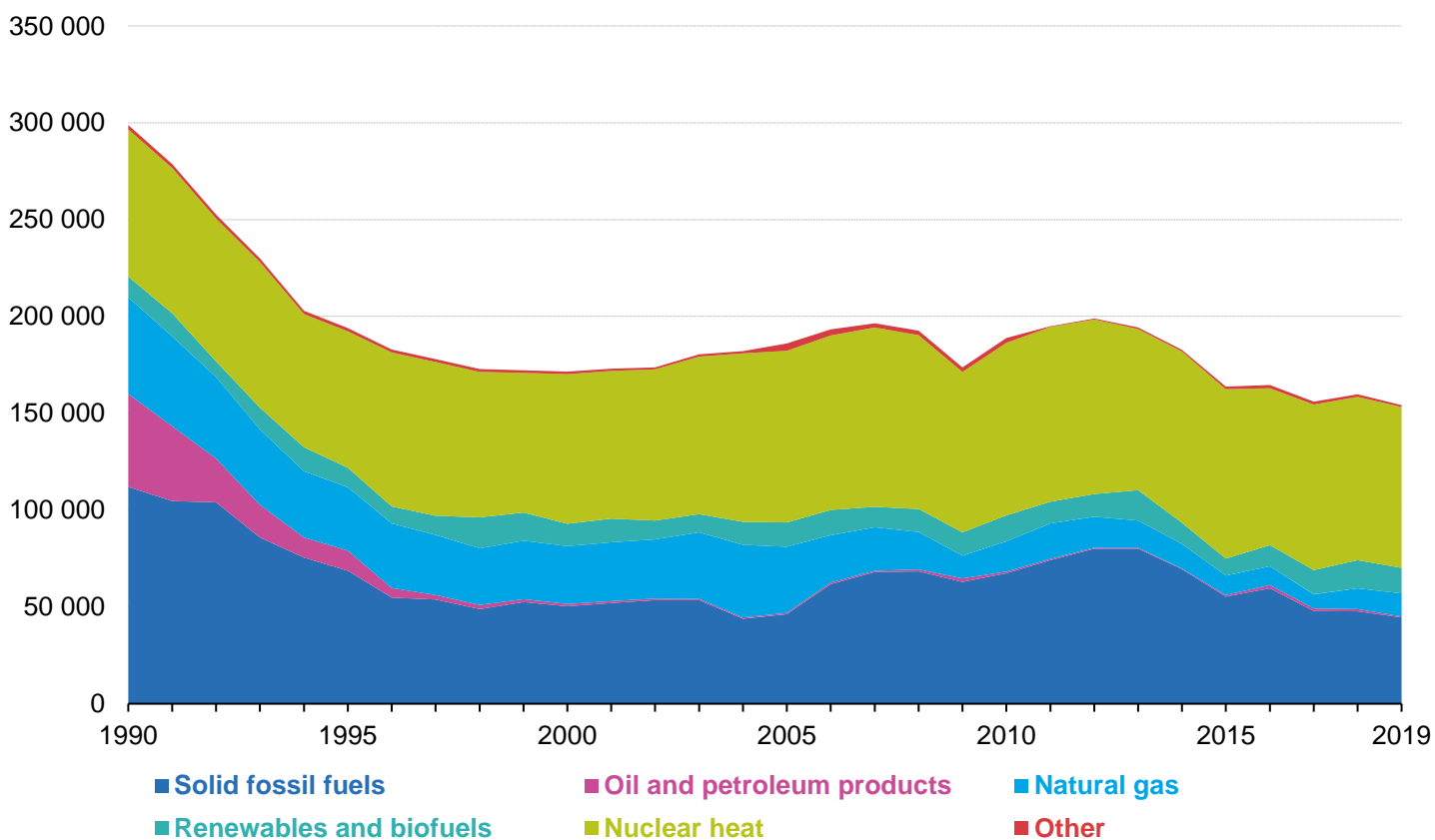
# Ukraine

## Gross available energy by fuel, ktoe



Source: Eurostat (nrg\_bal\_c)

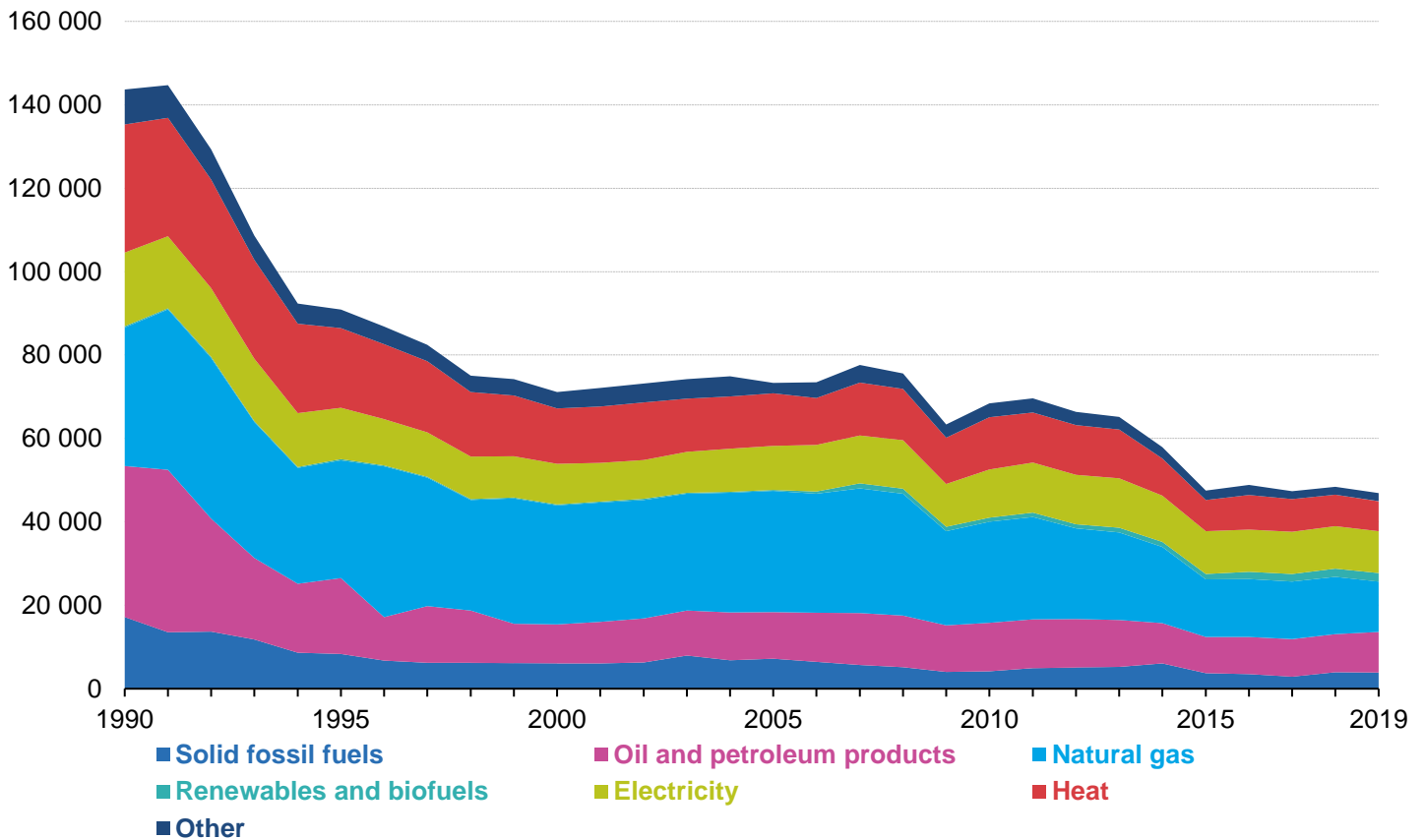
## Gross electricity production by fuel, GWh



Source: Eurostat (nrg\_bal\_c)

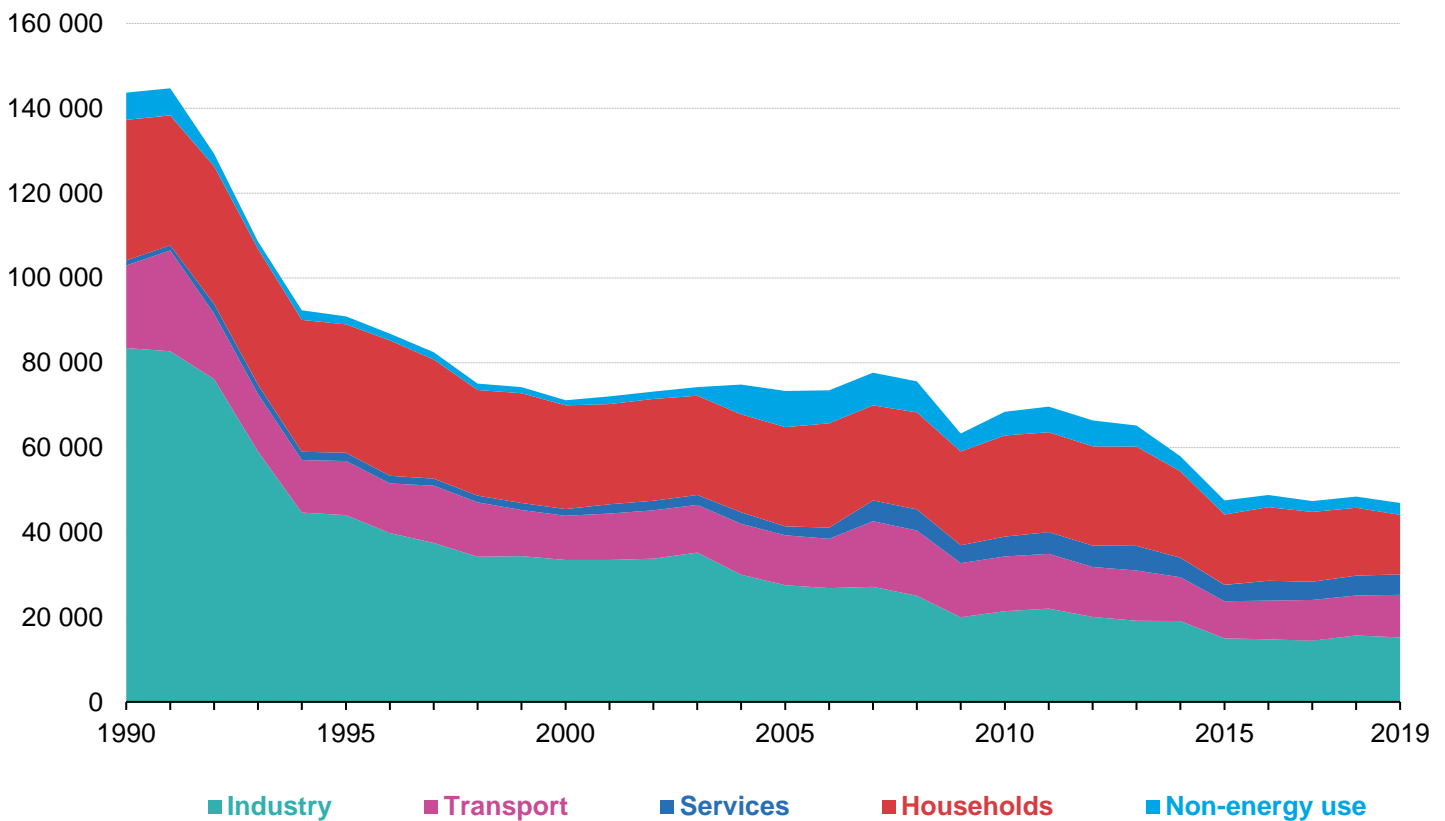
# Ukraine

## Final energy consumption by fuel, ktoe



Source: Eurostat (nrg\_bal\_c)

## Final consumption by sector, ktoe



Source: Eurostat (nrg\_bal\_c)

## Gross electricity production

Ukraine

GWh	2014	2015	2016	2017	2018	2019	2020P
Total	182 819	163 681	164 572	156 036	159 833	154 141	0 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	9 042	3 678	7 043	5 460	4 961	4 351	: P
Coking coal	0	0	0	0	34	18	: P
Other bituminous coal	60 494	51 659	52 557	42 365	42 713	40 235	: P
Sub-bituminous coal	0	0	0	0	0	0	: P
Lignite	0	0	0	0	0	0	: P
Coke oven coke	0	0	0	0	0	0	: P
Patent fuel	0	0	0	0	0	0	: P
Brown coal briquettes	0	0	0	0	0	0	: P
Coal tar	0	0	0	0	0	0	: P
Peat	0	0	0	0	0	0	: P
Peat products	4	8	18	18	15	4	: P
Oil shale and oil sands	0	0	0	0	0	0	: P
Sub-total	69 540	55 345	59 618	47 843	47 724	44 608	0 P

Source: Eurostat (nrg\_ind\_pehcf)

## Natural gas and manufactured gases

GWh	2014	2015	2016	2017	2018	2019	2020P
Natural gas	12 714	10 102	9 831	7 381	10 571	11 927	: P
Coke oven gas	130	83	428	315	353	202	: P
Gas works gas	0	0	0	0	0	0	: P
Blast furnace gas	468	267	1 111	1 101	935	590	: P
Other recovered gases	351	367	56	10	0	0	: P
Sub-total	13 663	10 819	11 426	8 807	11 859	12 719	0 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	: P
Refinery gas	9	0	0	0	0	0	: P
Liquefied petroleum gases	0	0	5	5	5	0	: P
Naphtha	0	0	0	0	0	0	: P
Kerosene-type jet fuel	0	0	0	0	0	0	: P
Other kerosene	0	0	0	0	0	0	: P
Gas oil and diesel oil	21	18	25	32	44	32	: P
Fuel oil	155	698	1 545	1 242	832	129	: P
Petroleum coke	0	0	0	0	0	0	: P
Bitumen	0	0	0	0	0	0	: P
Other oil products	31	30	40	35	340	306	: P
Sub-total	216	746	1 615	1 314	1 221	467	0 P

Source: Eurostat (nrg\_ind\_pehcf)

## Renewables and biofuels

GWh	2014	2015	2016	2017	2018	2019	2020P
Hydro	9 321	6 971	9 304	10 519	12 007	7 855	: P
Geothermal	0	0	0	0	0	0	: P
Wind	1 130	1 084	954	983	1 188	2 020	: P
Solar thermal	0	0	0	0	0	0	: P
Solar photovoltaic	429	477	491	739	1 099	2 933	: P
Tide, wave, ocean	0	0	0	0	0	0	: P
Solid biofuels	130	135	80	115	125	195	: P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	10	56	95	176	212	: P
Renewable municipal waste	0	0	0	0	0	0	: P
Sub-total	11 011	8 676	10 884	12 451	14 595	13 215	0 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	: P
Non-renewable municipal waste	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	88 389	87 627	80 950	85 576	84 398	83 003	: P
Heat from chemical sources	0	468	79	45	37	129	: P
Other fuels not elsewhere specified	0	0	0	0	0	0	: P
Sub-total	88 389	88 095	81 029	85 622	84 435	83 132	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	6 106	3 005	5 281	3 623	3 727	3 628	: O
Coking coal	17 020	16 445	14 292	14 167	15 550	14 002	: O
Other bituminous coal	37 449	30 382	30 289	24 988	27 109	25 674	: O
Sub-bituminous coal	0	0	0	0	1 226	935	: O
Lignite	0	0	0	0	0	0	: O
Coke oven coke	14 336	13 414	14 238	11 368	11 624	10 884	: O
Patent fuel	0	0	0	0	0	0	: O
Brown coal briquettes	0	0	0	0	0	0	: O
Coal tar	786	650	709	587	643	592	: O
Peat	461	507	525	517	570	553	: O
Peat products	126	247	244	441	391	464	: O
Oil shale and oil sands	0	0	0	0	0	0	: O

Source: Eurostat (nrg\_cb\_sff)

## Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2014	2015	2016	2017	2018	2019	2020P
Natural gas	1 556 108	1 213 382	1 190 915	1 142 240	1 193 373	1 087 764	1 012 457 P
Coke oven gas	98 402	79 704	90 483	81 374	75 559	72 116	: O
Gas works gas	0	0	0	0	0	0	: O
Blast furnace gas	104 434	90 856	97 121	77 902	81 674	78 358	: O
Other recovered gases	20 046	18 300	20 340	17 827	18 312	18 375	: O

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	192	236	524	1 306	1 293	1 301	1 246 P
Refinery intake	3 278	3 026	3 052	3 615	3 931	3 723	3 567 P

Source: Eurostat (nrg\_cb\_oil)

## Oil products

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	7 919	7 740	8 937	9 319	10 018	10 201	9 921 P
Export	759	100	25	240	292	767	159 P
Total refinery output	3 268	2 793	3 153	2 957	2 459	1 225	1 028 P
Gas oil and diesel oil	832	786	929	680	0	96	0 E
Motor gasoline	712	643	652	731	0	0	0 E
Fuel oil	516	535	590	444	429	74	0 E
Naphtha	0	0	0	0	0	0	0 E
Kerosene-type jet fuel	0	0	0	0	0	0	0 E
All other oil products	1 208	829	982	1 102	2 030	1 055	1 028 P

Source: Eurostat (nrg\_cb\_oil)

## Biofuels - Inland consumption

	2014	2015	2016	2017	2018	2019	2020P
Primary solid biofuels [TJ]	82 219	89 699	120 312	126 898	136 167	139 207	: O
Charcoal [kt]	48	43	44	43	43	40	: O
Biogases [TJ]	0	600	1 367	1 601	1 995	2 028	: O
Pure biogasoline [kt]	32	18	57	70	56	133	: O
Pure biodiesels [kt]	0	0	0	0	0	0	: O
Other liquid biofuels [kt]	0	0	0	0	0	0	: O

Source: Eurostat (nrg\_cb\_rw)

## Wastes - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Renewable municipal waste	0	0	0	0	0	0	: O
Non-renewable municipal waste	0	0	0	104	0	0	: O
Industrial waste (non-renewable)	0	0	0	0	0	0	: O

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	: O
Solar thermal	0	0	0	20	0	0	: O
Ambinet heat (heat pumps)	0	0	0	0	22	52	: O

Source: Eurostat (nrg\_cb\_rw)