

Energy transitions

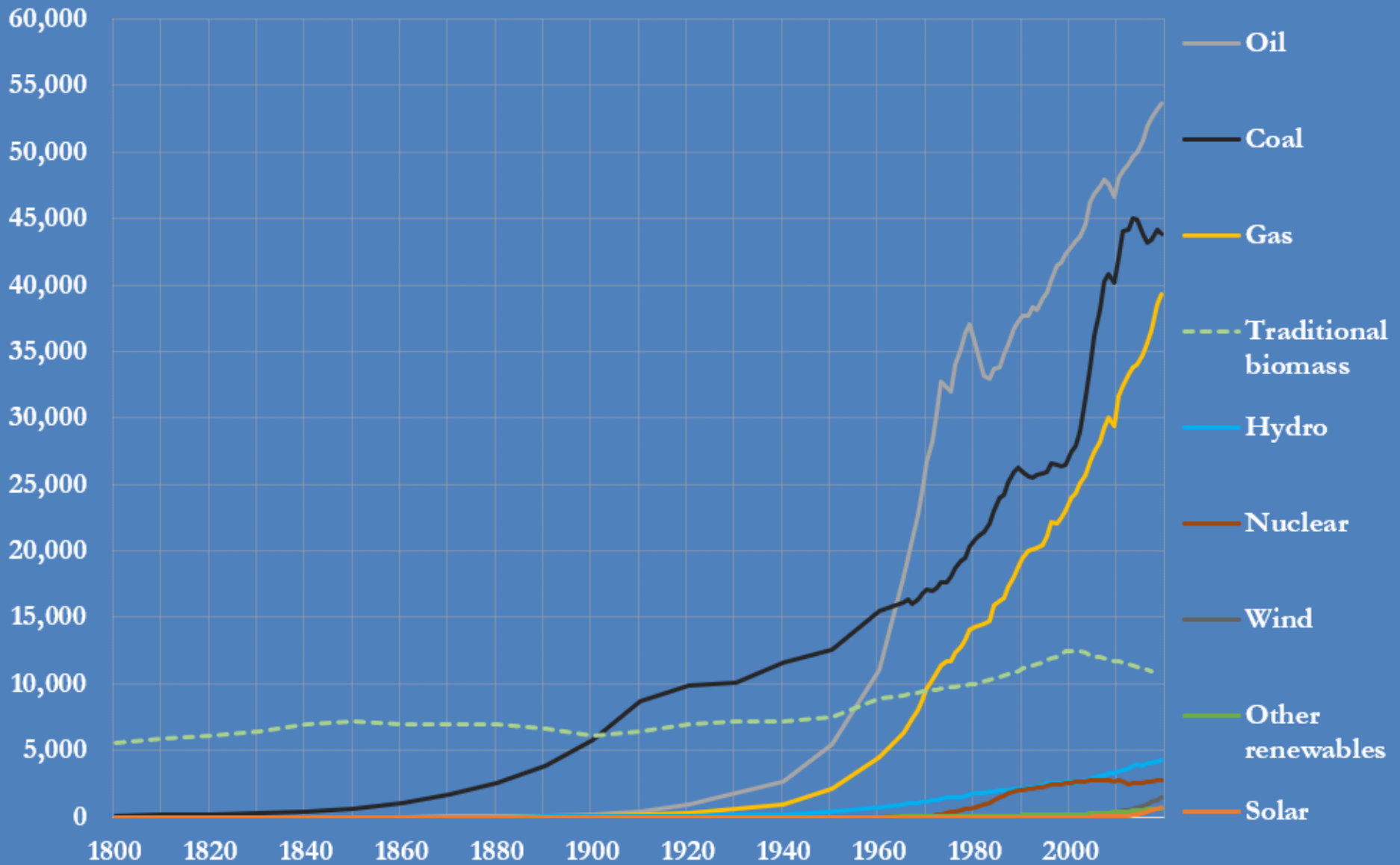
Selected indicators

JOHN KEMP
REUTERS

29 September 2020

Global primary energy consumption, 1800-2019

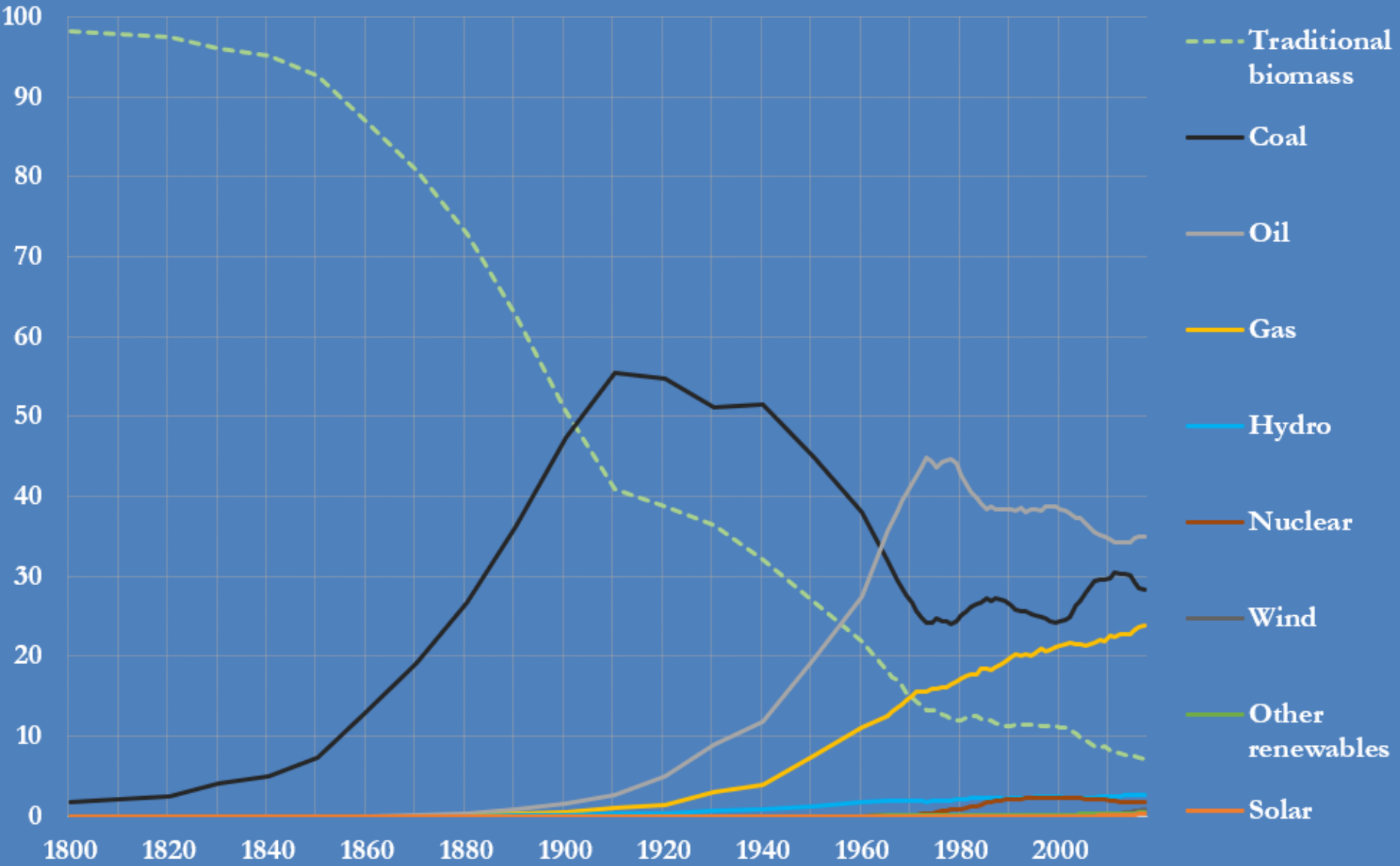
terrawatt-hours



Source: Our World in Data, from Smil and BP Statistical Review of World Energy
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Global primary energy consumption, 1800-2017

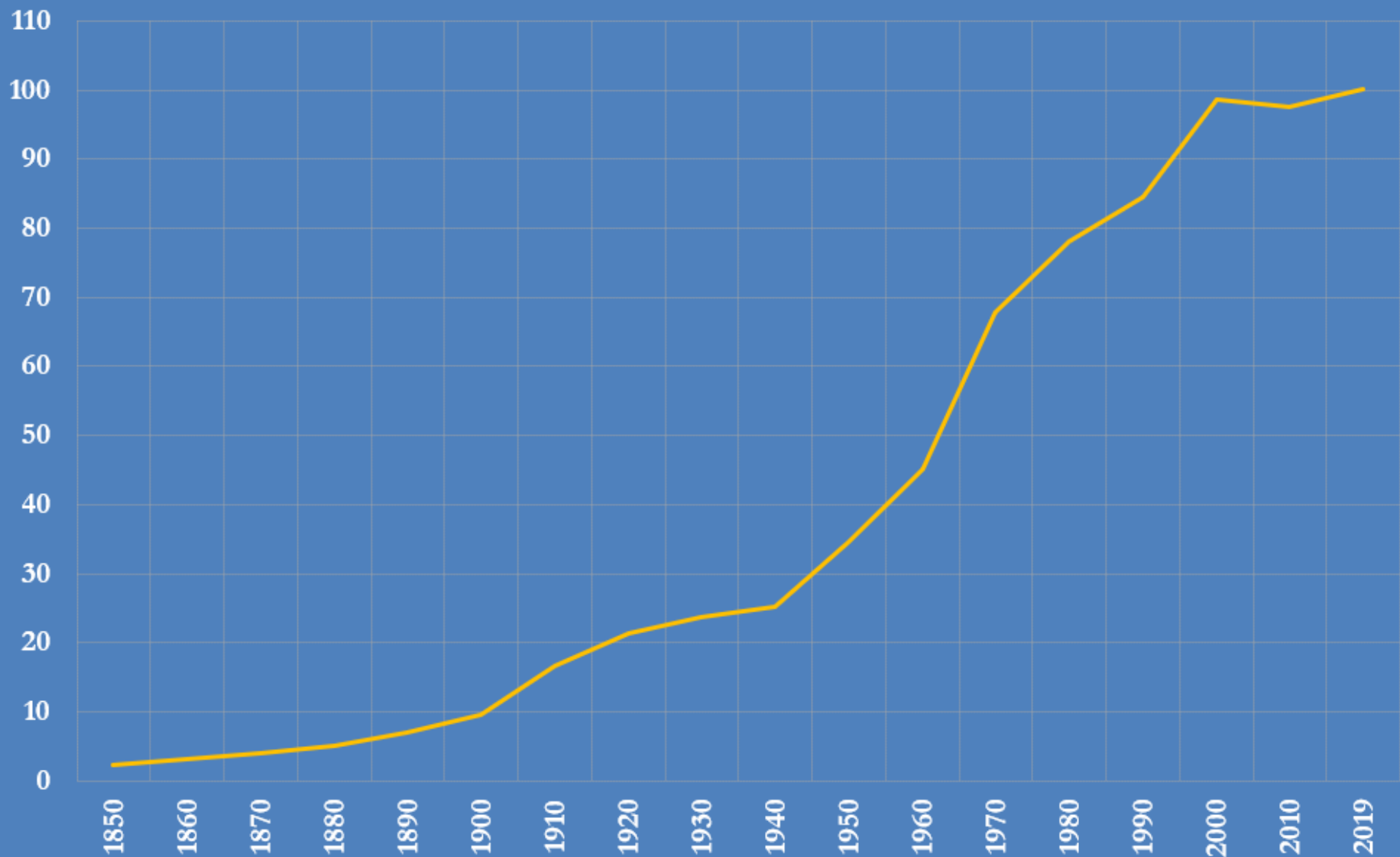
distribution by source, percent of total



Source: Our World in Data, from Smil and BP Statistical Review of World Energy
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U.S. primary energy consumption, 1850-2019

quadrillion British thermal units

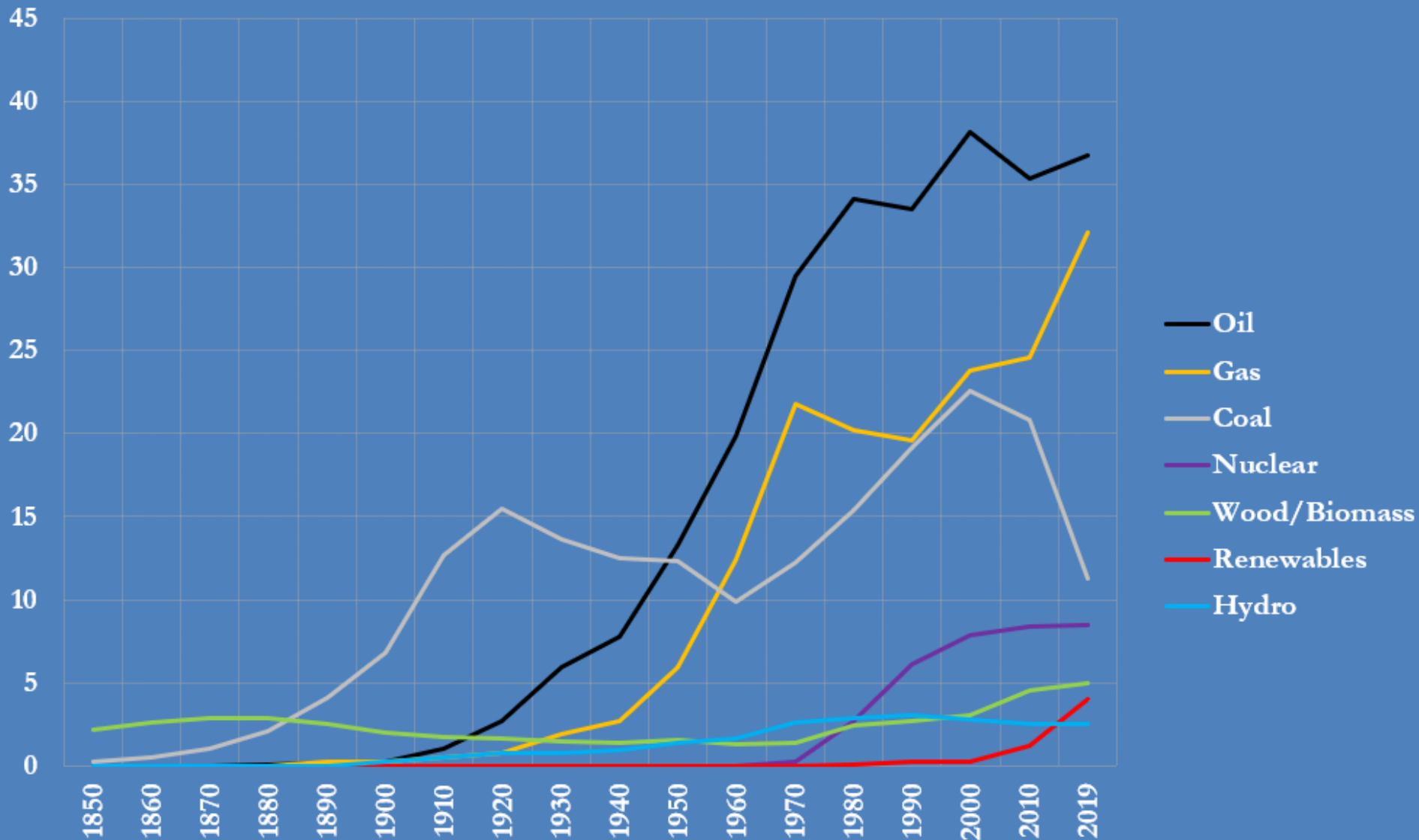


Source: U.S. Energy Information Administration

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U.S. primary energy consumption, 1850-2019

quadrillion British thermal units

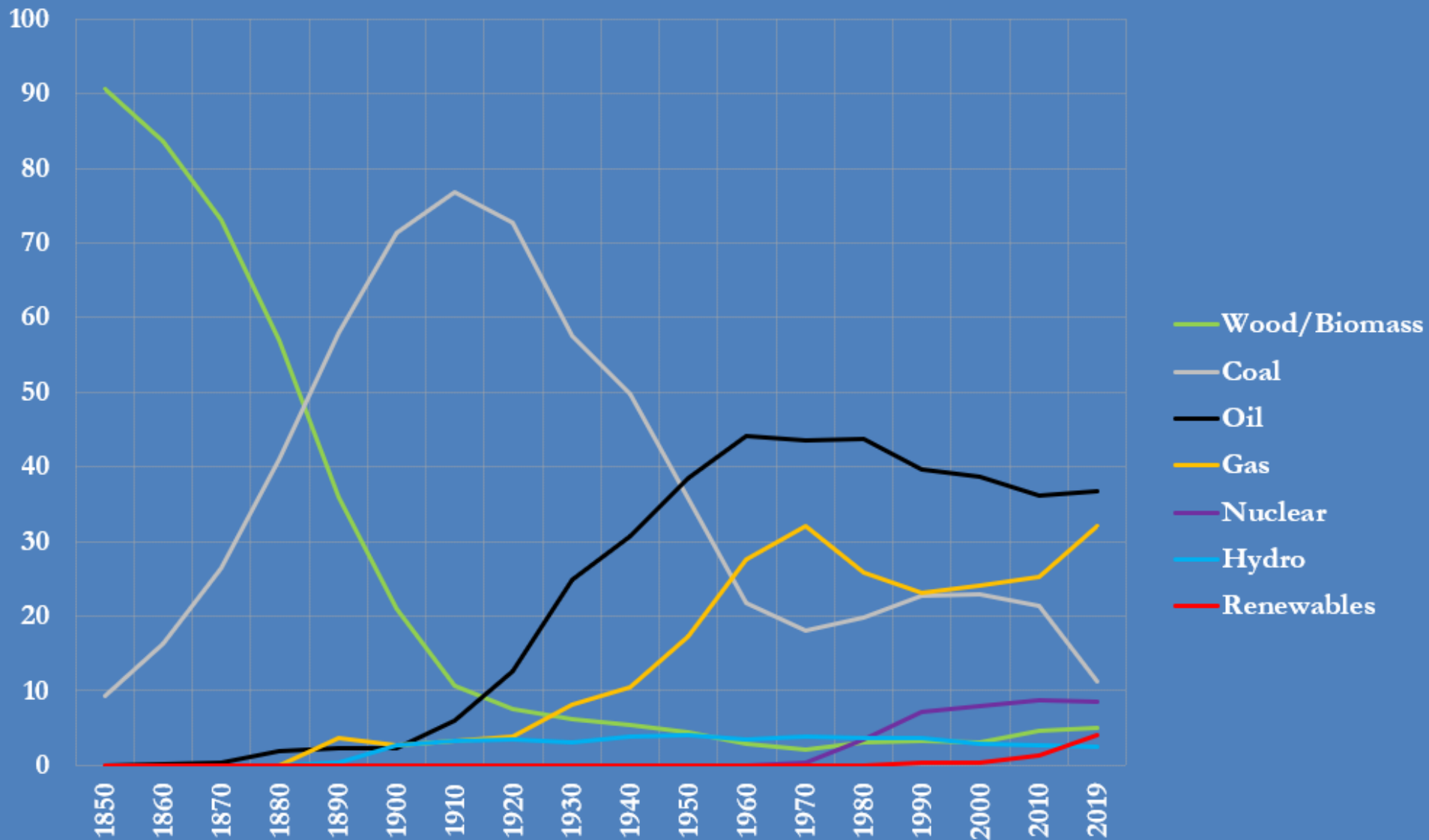


Source: U.S. Energy Information Administration

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U.S. primary energy consumption, 1850-2019

percent share of total



Global energy output 1913-1935

TABLE I. — WORLD OUTPUT OF ENERGY SUPPLY 1913-1935

Year	Coal	Lignite	Oil	Natural gas	Fire-wood	Water power	Total
<i>In million metric tons of equivalent coal¹</i>							
1913	1,216	46	77	24	300	40	1,703
1925	1,185	66	213	46	250	75	1,835
1929	1,325	82	295	74	250	103	2,129
1930	1,217	70	281	69	250	102	1,989
1931	1,075	65	271	67	250	99	1,827
1932	955	60	256	63	250	103	1,687
1933	1,000	62	282	63	250	109	1,766
1934	1,088	68	294	72	250	116	1,888
1935	1,112	73	323	75	250	131	1,964
<i>Percentages of total supply</i>							
1913	71.4	2.7	4.5	1.4	17.6	2.4	100
1925	64.6	3.6	11.6	2.5	13.6	4.1	100
1929	62.3	3.8	13.9	3.5	11.7	4.8	100
1930	61.1	3.6	12.6	3.5	14.1	5.1	100
1931	58.8	3.6	14.8	3.7	13.7	5.4	100
1932	56.6	3.6	15.2	3.7	14.8	6.1	100
1933	56.6	3.5	16.0	3.6	14.2	6.1	100
1934	57.6	3.6	15.6	3.8	13.3	6.1	100
1935	56.6	3.7	16.5	3.8	12.8	6.6	100

¹ The following weights have been used (per kg.): coal 7.0; lignite 2.5; oil 10.0; natural gas 9.6; firewood 3.6. In the conversion of hydro-electric power, the efficiency of thermo-electric plants is assumed constant at 1 kg. coal equals 1 Kwh.

SOURCE: INSTITUT FÜR KONJUNKTURFORSCHUNG: *Energiequellen der Welt*, p. 19.