

© Coal

36 Reserves and prices

38 Production and consumption

A large, stylized graphic of the letter 'C' that serves as a background for the title. It is filled with a topographic map of the world, using shades of green and yellow to represent land and water. The 'C' is open at the bottom, where a solid yellow shape extends downwards.

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Total proved reserves at end 2017

Million tonnes	Anthracite and bituminous	Sub-bituminous and lignite	Total	Share of total	R/P ratio
US	220800	30116	250916	24.2%	357
Canada	4346	2236	6582	0.6%	111
Mexico	1160	51	1211	0.1%	116
Total North America	226306	32403	258709	25.0%	335
Brazil	1547	5049	6596	0.6%	*
Colombia	4881	–	4881	0.5%	55
Venezuela	731	–	731	0.1%	*
Other S. & Cent. America	1784	24	1808	0.2%	*
Total S. & Cent. America	8943	5073	14016	1.4%	141
Bulgaria	192	2174	2366	0.2%	69
Czech Republic	1099	2541	3640	0.4%	81
Germany	8	36100	36108	3.5%	206
Greece	–	2876	2876	0.3%	76
Hungary	276	2633	2909	0.3%	366
Poland	19808	6003	25811	2.5%	203
Romania	11	280	291	♦	11
Serbia	402	7112	7514	0.7%	188
Spain	868	319	1187	0.1%	427
Turkey	378	10975	11353	1.1%	115
United Kingdom	70	–	70	♦	23
Other Europe	1108	5172	6280	0.6%	192
Total Europe	24220	76185	100405	9.7%	159
Kazakhstan	25605	–	25605	2.5%	230
Russian Federation	69634	90730	160364	15.5%	391
Ukraine	32039	2336	34375	3.3%	*
Uzbekistan	1375	–	1375	0.1%	340
Other CIS	1509	–	1509	0.1%	418
Total CIS	130162	93066	223228	21.6%	397
South Africa	9893	–	9893	1.0%	39
Zimbabwe	502	–	502	♦	171
Other Africa	2756	66	2822	0.3%	184
Middle East	1203	–	1203	0.1%	*
Total Middle East & Africa	14354	66	14420	1.4%	53
Australia	68310	76508	144818	14.0%	301
China	130851	7968	138819	13.4%	39
India	92786	4942	97728	9.4%	136
Indonesia	15068	7530	22598	2.2%	49
Japan	340	10	350	♦	252
Mongolia	1170	1350	2520	0.2%	51
New Zealand	825	6750	7575	0.7%	*
Pakistan	207	2857	3064	0.3%	*
South Korea	326	–	326	♦	219
Thailand	–	1063	1063	0.1%	65
Vietnam	3116	244	3360	0.3%	88
Other Asia Pacific	1326	687	2013	0.2%	31
Total Asia Pacific	314325	109909	424234	41.0%	79
Total World	718310	316702	1035012	100.0%	134
of which: OECD	320377	177608	497985	48.1%	282
Non-OECD	397933	139094	537027	51.9%	91
European Union	22913	53416	76329	7.4%	164

*More than 500 years.

♦Less than 0.05%.

Source: Includes data from Federal Institute for Geosciences and Natural Resources (BGR) Energy Study 2017.

Notes: Total proved reserves of coal – Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known reservoirs under existing economic and operating conditions. The data series for total proved coal reserves does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country.

Reserves-to-production (R/P) ratio – If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

Reserves-to-production (R/P) ratios are calculated excluding other solid fuels in reserves and production.

Shares of total and R/P ratios are calculated using million tonnes figures.

Prices

US dollars per tonne	Northwest Europe marker price†	US Central Appalachian coal spot price index‡	Japan steam spot CIF price†	China Qinhuangdao spot price†
1997	38.92	29.76	–	–
1998	32.00	31.00	–	–
1999	28.79	31.29	–	–
2000	35.99	29.90	–	27.52
2001	39.03	50.15	37.69	31.78
2002	31.65	33.20	31.47	33.19
2003	43.60	38.52	39.61	31.74
2004	72.08	64.90	74.22	42.76
2005	60.54	70.12	64.62	51.34
2006	64.11	57.82	65.22	53.53
2007	88.79	49.73	95.59	61.23
2008	147.67	117.42	157.88	104.97
2009	70.66	60.73	83.59	87.86
2010	92.50	67.87	108.47	110.08
2011	121.52	84.75	126.13	127.27
2012	92.50	67.28	100.30	111.89
2013	81.69	69.72	90.07	95.42
2014	75.38	67.08	76.13	84.12
2015	56.64	51.57	60.10	67.53
2016	60.09	51.45	71.66	71.35
2017	84.51	63.83	96.02	94.72

†Source: IHS Northwest Europe prices for 1997-2000 are the average of the monthly marker, 2001-2017 the average of weekly prices. IHS Japan prices basis = 6,000 kilocalories per kilogram NAR CIF. Chinese prices are the average monthly price for 2000-2005, weekly prices 2006-2017, 5,500 kilocalories per kilogram NAR, including cost and freight (CFR).

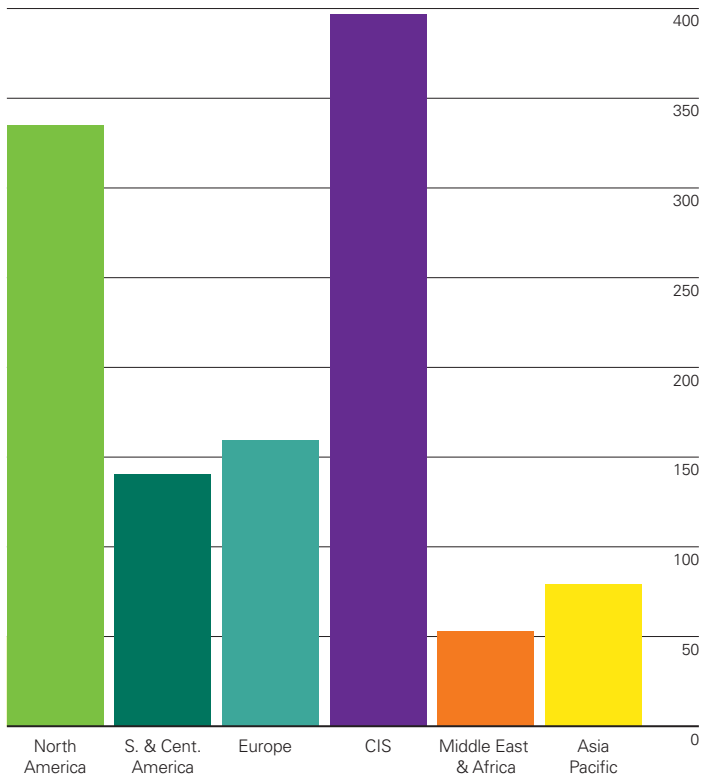
‡Source: S&P Global Platts. © 2018, S&P Global Inc. Prices are for Central Appalachian 12,500 BTU, 1.2 SO₂ coal, FOB. Prices for 1997-2000 are by coal price publication date, 2001-2005 by coal price assessment date, 2006-2017 weekly CAPP 12,500 BTU, 1.6 SO₂ coal, FOB.

Note: CIF = cost+insurance+freight (average prices); FOB = free on board.

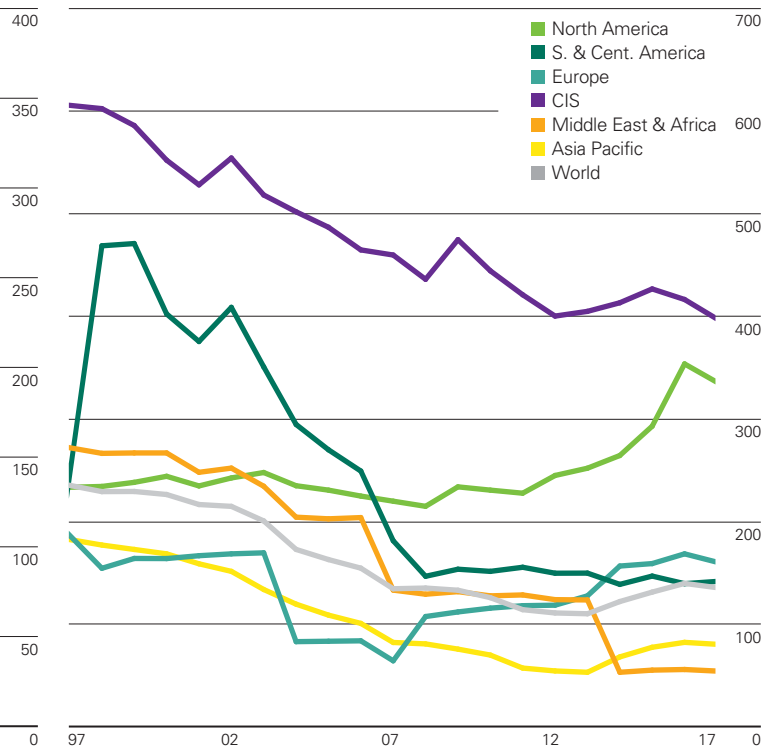
Reserves-to-production (R/P) ratios

Years

2017 by region



History

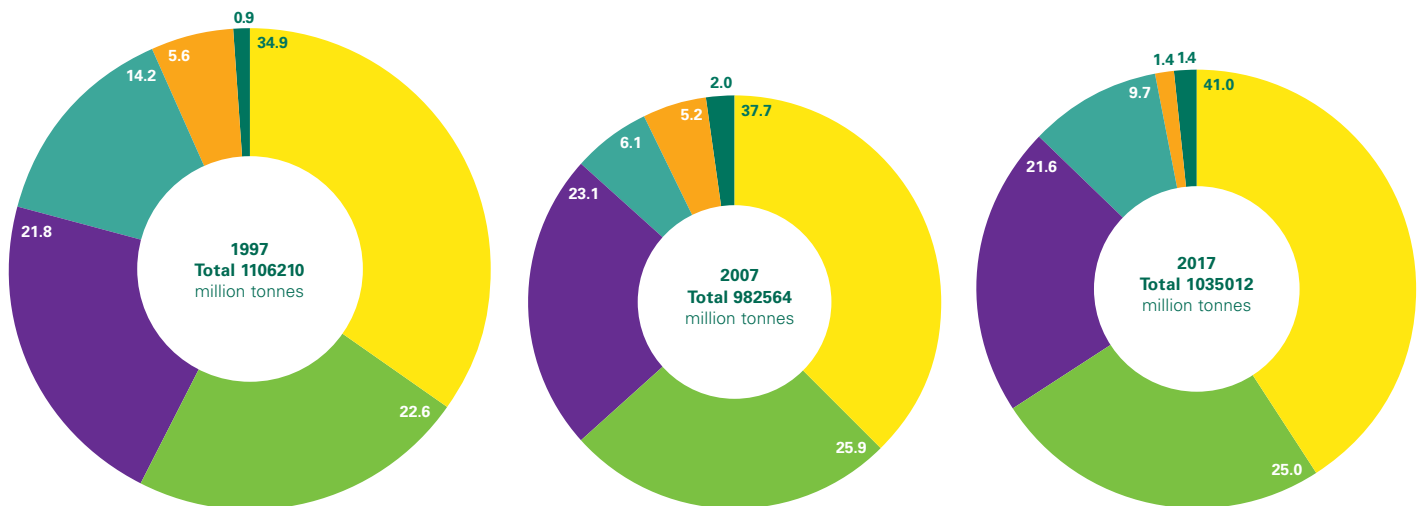


World proved coal reserves are currently sufficient to meet 134 years of global production, much higher than the R/P ratio for oil and gas. By region, Asia Pacific holds the most proved reserves (41% of total), split mainly between Australia, China and India. The US remains the largest single reserve holder (24.2% of total).

Distribution of proved reserves in 1997, 2007 and 2017

Percentage

- Asia Pacific
- North America
- CIS
- Europe
- Middle East & Africa
- S. & Cent. America



Coal: Production*

Million tonnes oil equivalent	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Growth rate per annum		Share 2017
												2017	2006-16	
US	558.3	566.9	513.7	523.7	528.3	491.9	475.8	482.3	426.9	348.3	371.3	6.9%	-4.7%	9.9%
Canada	35.7	35.6	33.1	35.4	35.5	35.5	36.1	35.9	32.3	31.8	31.1	-2.0%	-0.9%	0.8%
Mexico	7.3	6.9	6.1	7.3	9.4	7.4	7.2	7.3	6.9	6.1	5.5	-8.5%	-1.1%	0.1%
Total North America	601.3	609.4	552.9	566.4	573.1	534.9	519.1	525.5	466.1	386.2	407.9	5.9%	-4.4%	10.8%
Brazil	2.7	2.9	2.3	2.3	2.4	2.9	3.7	3.4	2.7	3.0	3.0	-	1.5%	0.1%
Colombia	48.0	50.5	50.0	51.1	58.9	61.2	58.7	60.8	58.8	62.2	61.4	-0.9%	3.2%	1.6%
Venezuela	5.0	3.7	2.4	1.9	1.9	1.4	0.9	0.6	0.6	0.7	0.3	-52.4%	-18.3%	♦
Other S. & Cent. America	0.3	0.4	0.4	0.4	0.4	0.5	1.7	3.0	2.3	2.0	2.0	1.1%	17.6%	0.1%
Total S. & Cent. America	55.9	57.5	55.1	55.7	63.6	65.9	65.0	67.8	64.4	67.8	66.8	-1.3%	2.4%	1.8%
Bulgaria	4.8	4.9	4.6	4.9	6.2	5.6	4.8	5.1	5.9	5.1	5.6	10.3%	1.7%	0.1%
Czech Republic	23.8	22.8	20.9	20.8	21.0	20.3	17.8	17.0	17.1	16.1	15.4	-3.8%	-3.9%	0.4%
Germany	54.4	50.1	46.4	45.9	46.7	47.8	45.1	44.1	42.8	39.8	39.6	-0.3%	-2.9%	1.0%
Greece	8.4	8.1	8.2	7.3	7.5	8.0	6.7	6.4	5.7	4.0	4.6	16.2%	-7.0%	0.1%
Hungary	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.3	-13.5%	-1.8%	♦
Poland	62.5	60.9	56.4	55.4	55.7	57.8	57.2	54.0	53.0	52.1	49.6	-4.4%	-2.6%	1.3%
Romania	6.9	7.0	6.6	5.9	6.7	6.3	4.7	4.4	4.7	4.2	4.7	12.1%	-4.2%	0.1%
Serbia	7.2	7.5	7.4	7.2	7.8	7.3	7.7	5.7	7.2	7.3	7.5	3.9%	n/a	0.2%
Spain	5.9	4.4	3.8	3.3	2.6	2.5	1.8	1.6	1.2	0.7	1.0	47.6%	-19.8%	♦
Turkey	14.8	16.7	17.4	17.5	17.9	17.0	15.5	16.4	12.8	15.5	20.8	34.8%	1.6%	0.6%
United Kingdom	10.7	11.3	11.0	11.4	11.5	10.6	8.0	7.3	5.4	2.6	1.9	-27.0%	-13.6%	0.1%
Other Europe	15.5	15.7	15.8	16.0	16.0	14.4	16.7	15.4	13.9	12.5	12.5	-0.2%	-6.3%	0.3%
Total Europe	216.6	211.0	200.1	197.4	201.4	199.2	187.5	179.0	171.2	161.3	164.6	2.3%	-3.1%	4.4%
Kazakhstan	42.2	47.9	43.4	47.5	49.8	51.6	51.4	48.9	46.2	44.3	47.9	8.5%	0.7%	1.3%
Russian Federation	143.5	149.0	141.7	151.0	157.6	168.3	173.1	176.6	186.4	194.0	206.3	6.7%	3.2%	5.5%
Ukraine	34.0	34.4	31.8	31.8	36.3	38.0	36.6	25.9	16.4	17.1	14.4	-15.6%	-7.1%	0.4%
Uzbekistan	1.0	0.9	1.0	1.0	1.1	1.2	1.1	1.2	1.1	1.1	1.1	4.2%	3.3%	♦
Other CIS	0.8	0.8	0.8	0.9	1.0	1.2	1.3	1.4	1.4	1.7	2.0	19.7%	9.4%	0.1%
Total CIS	221.5	233.0	218.8	232.0	245.7	260.3	263.5	254.0	251.5	258.1	271.8	5.6%	1.6%	7.2%
Total Middle East	1.1	1.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	-	-2.9%	♦
South Africa	138.4	141.0	139.7	144.1	143.2	146.6	145.3	148.2	142.9	142.4	143.0	0.7%	0.3%	3.8%
Zimbabwe	1.3	1.0	1.1	1.7	1.7	1.0	2.0	3.7	2.8	1.7	1.9	8.7%	2.5%	0.1%
Other Africa	0.8	0.8	0.7	0.9	1.1	4.3	5.1	5.8	6.0	5.4	9.6	77.3%	19.7%	0.3%
Total Africa	140.5	142.7	141.5	146.8	146.0	151.9	152.4	157.7	151.6	149.6	154.5	3.6%	0.6%	4.1%
Australia	227.0	234.2	242.5	250.6	245.1	265.9	285.8	305.9	306.4	307.7	297.4	-3.1%	3.4%	7.9%
China	1439.3	1491.8	1537.9	1665.3	1851.7	1873.5	1894.6	1864.2	1825.6	1691.4	1747.2	3.6%	2.4%	46.4%
India	210.3	227.5	246.0	252.4	250.8	255.0	255.7	269.5	281.0	284.9	294.2	3.5%	3.7%	7.8%
Indonesia	127.8	141.6	151.0	162.1	208.2	227.4	279.7	269.9	272.0	268.8	271.6	1.3%	8.9%	7.2%
Japan	0.8	0.7	0.7	0.5	0.7	0.7	0.7	0.7	0.6	0.7	0.8	3.9%	-0.1%	♦
Mongolia	4.8	5.2	8.2	15.2	19.9	17.9	18.0	15.2	14.3	21.5	30.3	41.4%	18.2%	0.8%
New Zealand	3.0	3.0	2.8	3.3	3.1	3.0	2.9	2.5	2.0	1.7	1.8	2.2%	-7.1%	♦
Pakistan	1.7	1.8	1.6	1.5	1.4	1.4	1.3	1.5	1.5	1.8	1.8	-0.8%	0.2%	♦
South Korea	1.3	1.3	1.2	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.7	-8.0%	-4.7%	♦
Thailand	4.9	4.9	4.7	4.9	5.9	4.8	4.8	4.7	3.9	4.3	4.1	-4.5%	-2.3%	0.1%
Vietnam	23.8	22.3	24.7	25.1	26.1	23.6	23.0	23.0	23.3	21.6	21.3	-0.9%	-0.1%	0.6%
Other Asia Pacific	20.7	22.1	19.3	20.7	22.2	22.8	23.4	23.8	25.2	34.3	31.0	-9.2%	4.3%	0.8%
Total Asia Pacific	2065.5	2156.2	2240.5	2402.6	2636.0	2697.0	2790.6	2781.7	2756.7	2639.6	2702.3	2.7%	3.2%	71.7%
Total World	3302.4	3410.8	3409.6	3601.6	3866.6	3909.8	3978.9	3966.4	3862.1	3663.5	3768.6	3.2%	1.5%	100.0%
of which: OECD	1026.5	1034.7	976.4	995.9	997.8	979.9	975.5	996.5	925.9	838.0	851.6	1.9%	-2.0%	22.6%
Non-OECD	2275.9	2376.0	2433.2	2605.7	2868.8	2930.0	3003.4	2969.9	2936.3	2825.5	2917.0	3.5%	2.8%	77.4%
European Union	187.1	179.0	168.0	165.8	168.6	168.2	157.4	150.5	144.9	132.4	130.8	-0.9%	-3.7%	3.5%

*Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), lignite and brown (sub-bituminous) coal, and other commercial solid fuels. Includes coal produced for coal-to-liquids and coal-to-gas transformations.

♦Less than 0.05%.

n/a not available.

Note: Growth rates are adjusted for leap years.

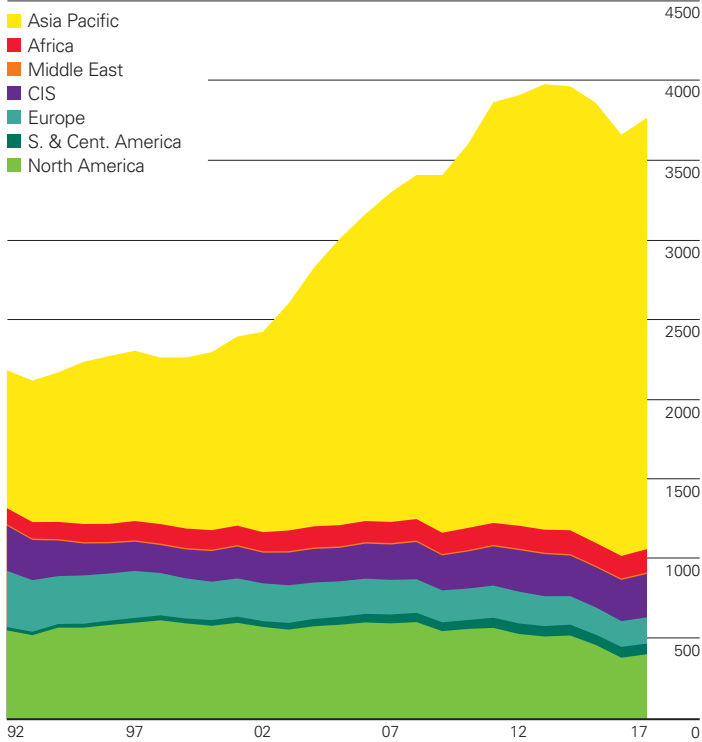
Coal production data expressed in million tonnes is available at bp.com/statisticalreview.

Coal: Consumption*

Million tonnes oil equivalent	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Growth rate per annum		Share 2017
												2017	2006-16	
US	544.6	535.9	471.4	498.8	470.6	416.0	431.8	430.9	372.2	340.6	332.1	-2.2%	-4.5%	8.9%
Canada	30.3	29.4	23.5	24.8	21.8	21.1	20.8	19.6	19.9	18.9	18.6	-1.4%	-4.2%	0.5%
Mexico	11.3	10.1	10.3	12.7	14.7	12.8	12.7	12.7	12.7	12.4	13.1	5.6%	0.1%	0.4%
Total North America	586.2	575.5	505.2	536.3	507.1	449.9	465.4	463.2	404.8	371.9	363.8	-1.9%	-4.3%	9.7%
Argentina	1.2	1.5	0.8	1.2	1.3	1.2	1.3	1.4	1.4	1.0	1.1	1.7%	2.1%	♦
Brazil	13.6	13.8	11.1	14.5	15.4	15.3	16.5	17.5	17.6	15.9	16.5	4.1%	2.2%	0.4%
Chile	4.1	4.4	4.0	4.5	5.8	6.7	7.5	7.6	7.3	7.4	6.7	-9.1%	8.0%	0.2%
Colombia	3.2	5.0	4.0	4.6	3.7	4.7	5.0	5.1	5.4	5.5	4.0	-27.6%	3.9%	0.1%
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peru	1.0	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.8	1.0	1.0	-	2.2%	♦
Trinidad & Tobago	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.3	-10.8%	1.7%	♦
Other S. & Cent. America	2.5	2.6	2.1	2.3	2.8	2.7	2.9	3.2	3.6	3.8	3.2	-14.0%	4.6%	0.1%
Total S. & Cent. America	25.8	28.3	23.1	28.1	30.0	31.6	34.3	35.9	36.2	34.9	32.7	-5.9%	3.7%	0.9%
Austria	3.9	3.8	2.9	3.4	3.5	3.2	3.3	3.0	3.2	3.0	3.2	5.0%	-2.9%	0.1%
Belgium	4.4	4.5	3.1	3.8	3.5	3.2	3.3	3.3	3.2	3.0	2.9	-1.5%	-5.0%	0.1%
Czech Republic	21.4	19.7	17.7	18.8	18.4	17.4	17.2	16.0	16.6	16.6	16.0	-3.0%	-2.4%	0.4%
Finland	7.0	5.3	5.4	6.8	5.5	4.5	5.0	4.5	3.8	4.4	4.1	-5.6%	-5.1%	0.1%
France	12.8	12.1	10.8	11.5	9.8	11.1	11.6	8.6	8.4	8.2	9.1	11.4%	-4.1%	0.2%
Germany	86.7	80.1	71.7	77.1	78.3	80.5	82.8	79.6	78.7	75.8	71.3	-5.8%	-1.1%	1.9%
Greece	8.8	8.3	8.4	7.9	7.9	8.1	7.0	6.7	5.6	4.4	4.9	11.7%	-6.4%	0.1%
Hungary	3.1	3.1	2.6	2.7	2.7	2.6	2.3	2.2	2.4	2.3	2.3	1.8%	-3.0%	0.1%
Italy	16.3	15.8	12.4	13.7	15.4	15.7	13.5	13.1	12.3	11.0	9.8	-10.5%	-4.1%	0.3%
Netherlands	8.4	8.0	7.5	7.5	7.4	8.2	8.2	9.1	11.0	10.2	9.1	-10.4%	2.8%	0.2%
Norway	0.7	0.7	0.6	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	2.3%	2.0%	♦
Poland	55.9	55.2	51.8	55.1	55.0	51.2	53.4	49.4	48.7	49.5	48.7	-1.4%	-1.5%	1.3%
Portugal	2.9	2.5	2.9	1.6	2.2	2.9	2.6	2.7	3.3	3.2	3.5	10.6%	-0.4%	0.1%
Romania	10.1	9.6	7.6	7.0	8.2	7.6	5.8	5.7	5.9	5.3	5.7	6.8%	-5.6%	0.2%
Spain	20.0	13.5	9.4	6.9	12.8	15.5	11.4	11.6	13.7	10.5	13.4	28.5%	-5.2%	0.4%
Sweden	2.7	2.4	1.9	2.5	2.5	2.2	2.2	2.1	2.1	2.1	1.9	-6.2%	-2.7%	0.1%
Switzerland	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	-3.0%	♦
Turkey	29.5	29.6	30.9	31.4	33.9	36.5	31.6	36.1	34.7	38.5	44.6	16.3%	3.9%	1.2%
United Kingdom	38.4	35.6	29.8	30.9	31.4	39.0	37.0	29.8	23.2	11.2	9.0	-19.4%	-12.2%	0.2%
Other Europe	39.5	39.3	36.9	38.4	40.9	36.9	37.3	34.7	35.4	35.3	36.1	2.6%	-1.2%	1.0%
Total Europe	372.9	349.3	314.3	327.8	340.2	347.3	336.4	319.3	313.1	295.1	296.4	0.7%	-2.2%	7.9%
Azerbaijan	†	†	†	†	†	†	†	†	†	†	†	-	-15.0%	♦
Belarus	0.7	0.6	0.6	0.6	0.8	0.8	0.9	0.8	0.6	0.7	0.9	16.2%	1.9%	♦
Kazakhstan	31.1	33.8	30.9	33.4	36.3	37.9	37.5	37.0	34.2	33.9	36.2	7.0%	1.8%	1.0%
Russian Federation	93.9	100.7	92.2	90.5	94.0	98.4	90.5	87.6	92.1	89.2	92.3	3.8%	-0.8%	2.5%
Turkmenistan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine	39.8	41.8	35.9	38.3	41.5	42.5	41.6	35.6	27.3	29.7	24.6	-17.1%	-2.9%	0.7%
Uzbekistan	1.0	1.0	1.0	0.9	1.1	1.2	1.1	1.2	1.1	1.0	1.2	20.8%	2.1%	♦
Other CIS	0.8	1.1	0.9	0.9	1.0	1.4	1.4	1.7	1.8	1.6	1.9	16.0%	8.8%	0.1%
Total CIS	167.3	179.0	161.5	164.7	174.7	182.1	173.0	163.8	157.3	156.2	157.0	0.8%	-0.7%	4.2%
Iran	1.6	1.2	1.4	1.3	1.4	1.1	1.4	1.6	1.5	0.9	0.9	3.0%	-5.0%	♦
Iraq	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Israel	8.0	7.9	7.7	7.7	7.9	8.8	7.4	6.9	6.8	5.7	5.2	-8.4%	-3.1%	0.1%
Kuwait	†	†	-	†	†	-	0.3	0.2	0.2	0.2	0.2	-29.1%	57.7%	♦
Oman	†	†	†	†	†	†	0.1	0.1	0.1	0.1	0.1	-	62.2%	♦
Qatar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	0.1	0.1	†	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	-	17.4%	♦
United Arab Emirates	0.1	0.3	0.3	0.7	0.4	1.4	1.8	2.0	1.7	1.5	1.6	1.7%	18.6%	♦
Other Middle East	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.4	0.4	0.4	-9.8%	12.7%	♦
Total Middle East	9.9	9.7	9.6	10.1	10.3	11.9	11.5	11.5	10.7	9.1	8.5	-5.9%	-0.8%	0.2%
Algeria	0.8	0.8	0.5	0.3	0.3	0.3	0.2	0.2	0.1	†	†	-	-25.1%	♦
Egypt	0.8	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.2	0.2	4.2%	-15.5%	♦
Morocco	3.2	3.7	2.7	2.8	3.0	3.0	3.0	4.0	4.4	4.3	4.5	4.2%	1.0%	0.1%
South Africa	83.7	93.3	93.8	92.8	90.5	88.3	88.4	89.5	83.0	84.7	82.2	-2.7%	0.4%	2.2%
Other Africa	3.6	3.0	3.3	3.7	4.2	3.9	5.3	7.8	6.7	5.7	6.2	8.9%	5.1%	0.2%
Total Africa	92.0	101.4	101.0	100.1	98.4	96.0	97.2	101.9	94.6	94.9	93.1	-1.7%	0.5%	2.5%
Australia	52.7	54.9	53.1	49.4	48.1	45.1	43.0	42.6	43.9	43.6	42.3	-2.8%	-1.9%	1.1%
Bangladesh	0.6	0.6	0.8	0.8	0.7	0.9	1.0	0.9	2.3	2.2	2.3	7.3%	16.6%	0.1%
China	1584.2	1609.3	1685.8	1748.9	1903.9	1927.8	1969.1	1954.5	1914.0	1889.1	1892.6	0.5%	2.6%	50.7%
China Hong Kong SAR	7.5	6.9	7.2	6.2	7.4	7.3	7.8	8.1	6.7	6.7	6.3	-6.1%	-0.2%	0.2%
India	240.0	259.3	280.8	290.4	304.6	330.0	352.8	387.5	395.3	405.6	424.0	4.8%	6.3%	11.4%
Indonesia	36.2	31.5	33.2	39.5	46.9	53.0	57.0	45.1	51.2	53.4	57.2	7.4%	6.3%	1.5%
Japan	117.7	120.3	101.6	115.7	109.6	115.8	121.2	119.1	119.0	118.8	120.5	1.7%	0.6%	3.2%
Malaysia	8.8	9.8	10.6	14.8	14.8	15.9	15.1	15.4	17.4	19.6	20.0	2.5%	10.4%	0.5%
New Zealand	1.7	2.1	1.6	1.4	1.4	1.7	1.5	1.5	1.4	1.2	1.2	5.2%	-6.1%	♦
Pakistan	5.4	6.0	4.9	4.6	4.0	4.0	3.2	4.7	4.7	5.6	7.1	26.2%	3.6%	0.2%
Philippines	5.4	6.4	6.1	7.0	7.7	8.1	10.0	10.6	11.6	11.7	13.1	12.0%	8.8%	0.4%
Singapore	†	†	†	†	†	†	0.3	0.4	0.4	0.4	0.4	-6.7%	56.0%	♦
South Korea	59.7	66.1	68.6	75.9	83.6	81.0	81.9	84.6	85.5	81.9	86.3	5.7%	4.1%	2.3%
Sri Lanka	†	0.1	0.1	0.1	0.3	0.5	0.5	0.9	1.2	1.3	1.4	5.4%	40.5%	♦
Taiwan	38.8	37.0	35.2	37.6	38.9	38.0	38.6	39.0	37.8	38.6	39.4	2.5%	0.4%	1.1%
Thailand	13.9	15.0	15.0	15.4	15.7	16.5	16.2	17.9	17.5	17.7	18.3	3.7%	3.7%	0.5%
Vietnam	6.3	11.9	11.2	14.6	17.3	16.1	17.2	20.8	26.2	28.3	28.2	-3.6%	17.3%	0.8%
Other Asia Pacific	18.7	20.5	16.6	16.2	13.2	13.9	11.2	12.7	12.2	18.3	19.4	6.2%	-1.7%	0.5%
Total Asia Pacific	2197.6	2257.5	2332.3	2438.6	2618.3	2675.5	2747.5	2766.5	2748.3	2744.0	2780.0	1.6%	3.1%	74.5%
Total World	3451.8	3500.6	3447.0											

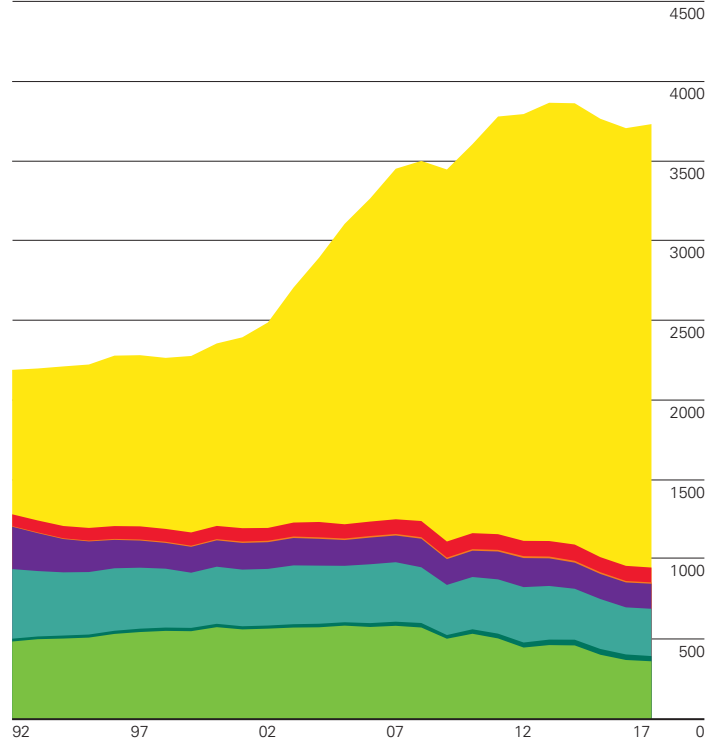
Coal: Production by region

Million tonnes oil equivalent



Coal: Consumption by region

Million tonnes oil equivalent



World coal production increased by 105 million tonnes of oil equivalent or 3.2%, the fastest rate of growth since 2011. Production rose by 56 mtoe in China and 23 mtoe in the US. Global coal consumption grew by 25 mtoe, or 1%, the first growth since 2013. Growth was driven largely by India (18 mtoe), with China consumption also up slightly (4 mtoe) following three successive annual declines during 2014-2016. OECD demand fell for the fourth year in a row (-4 mtoe).

Coal prices

US dollars per tonne

