

Coal extraction data

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Russian Federation

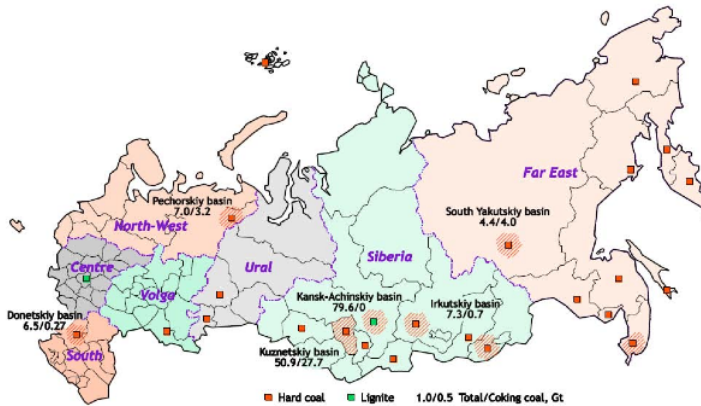
yellow column indicates original reported units

www. Moskva

Production / Extraction data

Year	Lignite & Bituminous		Anthracite & Coke		Total Coal	
	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production
	thousand tons/yr	thousand tons/yr	thousand tons/yr	thousand tons/yr	million tons/yr	million tonnes/yr

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- 78 2011
- 79 2012
- 80 2013
- 81 2014
- 82 2015
- 83 2016
- 84 2017
- 85 2018



See Former Soviet Union (FSU) for coal production 1900-1991

EIA includes metallurgical coal from total primary coal production

EIA coal production data for Russian Federation 1992-2013

Year	Lignite	Bituminous	Anthracite	Metallurgical	Total Russia	Total Russia
	million tons	million tons	million tons	million tons	million tons	million tonnes
1991	See FSU <-1991	See FSU <-1991	See FSU <-1991	See FSU <-1991	See FSU <-1991	See FSU <-1991
1992	78.8	177.3	13.7	79.0	348.8	316.4
1993	71.3	160.4	12.4	71.5	315.6	286.3
1994	63.4	142.7	11.0	63.5	280.7	254.6
1995	61.2	137.7	10.7	61.3	270.9	245.7
1996	59.9	134.6	10.4	60.0	264.9	240.3
1997	57.1	128.5	10.0	57.2	252.8	229.4
1998	54.5	122.5	9.5	54.6	241.0	218.7
1999	58.6	131.8	10.2	58.7	259.2	235.2
2000	59.9	134.6	10.4	60.0	264.9	240.3
2001	61.8	139.0	10.8	61.9	273.4	248.0
2002	59.2	133.1	10.3	59.3	261.9	237.6
2003	64.0	144.0	11.1	64.1	283.3	257.0
2004	64.5	145.1	11.2	64.6	285.4	258.9
2005	70.5	158.5	12.3	70.6	311.8	282.9
2006	70.9	159.4	12.3	71.0	313.7	284.6
2007	72.0	161.9	12.5	72.1	318.6	289.0
2008	76.0	170.8	13.2	76.1	336.2	305.0
2009	68.8	154.6	12.0	68.9	304.2	276.0
2010	74.4	167.3	13.0	74.5	329.3	298.7
2011	73.7	165.6	12.8	73.8	325.9	295.6
2012	82.1	184.5	14.3	82.2	363.1	329.4
2013	87.2	196.1	15.2	87.3	385.8	350.0
2014	82.0	207.4	16.0	88.4	393.8	357.2
2015	85.9	216.6	15.8	91.4	409.7	371.7
2016	85.4	225.4	15.7	96.6	423.1	383.8
2017	87.8	239.7	22.3	99.8	449.6	407.9
2018						441.3

BP StatRev 2018
Mt

BP 2018 (tent.)

Total	1,831	4,239	329	1,868	8,268	7,942
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Coal Types:	Lignite: 22.15%	Bituminous 51.27%	Anthracite 4.0%	Metallurgical 22.60%	8,268 Mst	100%	Metallurgical 22.60%
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
92		EIA statistics, "International Energy Statistics" 1980 - forward															
93		Russia 1980-1991 & Russian Federation 1992-fwd															
94		EIA data updated June 2019															
95		Coal methane emissions															
96		CMM emissions															
97		million cubic meters Cut CH4 content r															
98		Lignite EIA coal stats: thousand tons		Bituminous EIA coal stats: thousand tons		Anthracite EIA coal stats: thousand tons		Metallurgical EIA coal stats: thousand tons		Total Primary coal EIA coal stats: thousand tons							
99																	
100																	
101	1980	180,136		528,999		80,579		95,901		789,715							
102	1981	172,504		519,938		80,358		90,390		772,801							
103	1982	175,626		530,245		79,807		91,492		785,678							
104	1983	170,609		528,768		79,477		89,508		778,854							
105	1984	167,879		538,314		79,146		85,209		785,338							
106	1985	173,173		548,951		78,595		84,437		800,719		451.1		409.25			
107	1986	180,235		569,123		78,705		86,201		828,063		467.3		423.95			
108	1987	181,815		576,950		78,815		91,492		837,580		467.5		424.09			
109	1988	190,033		581,579		79,697		90,279		851,310		485.0		440.00			
110	1989	180,253		560,856		74,957		88,652		816,066		466.1		422.80			
111	1990	172,609		640,222		69,005		85,591		881,836		446.6		405.19			
112	1991	167,585		472,671		61,399		71,016		701,655		399.3		362.24			
113	1992	78,828		177,252		13,725		78,959		348,764		384.7		349.00			
114	1993	71,339		160,413		12,421		71,457		315,630		343.8		311.86			
115	1994	63,441		142,653		11,046		63,546		280,686		306.8		278.30			
116	1995	61,222		137,663		10,660		61,323		270,868		297.2		269.57			
117	1996	59,879		134,642		10,426		59,978		264,925		288.9		262.05			
118	1997	57,147		128,500		9,950		57,241		252,838		276.3		250.62			
119	1998	54,479		122,501		9,486		54,569		241,035		259.5		235.38			
120	1999	58,594		131,754		10,202		58,691		259,241		281.1		255.05			
121	2000	59,876		134,636		10,425		59,975		264,912		288.9		262.08			
122	2001	61,798		138,957		10,760		61,900		273,415		302.0		274.00			
123	2002	59,192		133,098		10,306		59,290		261,886		285.4		258.91			
124	2003	64,025		143,966		11,148		64,131		283,270		307.3		278.75			
125	2004	64,515		145,067		11,233		64,622		285,437		313.5		284.40			
126	2005	70,479		158,477		12,272		70,595		311,823		330.7		299.97			
127	2006	70,898		159,421		12,345		71,016		313,680		343.2		311.37			
128	2007	72,008		161,917		12,538		72,128		318,591		347.9		315.57			
129	2008	75,980		170,848		13,229		76,106		336,163		364.0		330.18			
130	2009	68,762		154,617		11,973		68,876		304,228		333.3		302.38			
131	2010	74,419		167,338		12,958		74,542		329,257		356.0		322.92			
132	2011	73,657		165,625		12,825		73,779		325,886		371.9		337.40			
133	2012	82,059		184,517		14,288		82,195		363,059		395.0		358.30			
134	2013	87,203		196,084		15,184		87,348		385,819		391.6		355.23			
135	2014	82,026		207,364		15,977		88,399		393,766		394.0		357.40			
136	2015	85,912		216,585		15,769		91,434		409,700		410.7		372.60			
137	2016	85,353		225,399		15,737		96,606		423,095		426.2		386.61			
138	2017	87,789		239,653		22,348		99,789		449,579		454.7		412.54			
139	2018											486.4		441.28			
140	2019																

<https://www.eia.gov/beta/international/data/browser/index.cfm>

Global Methane Initiative (2010)

See sources below

144	subt. 1992-2017	1,830,880	4,238,947	329,231	1,868,495	8,267,553
145	percent of 2017	19.5%	53.3%	5.0%	22.2%	100.0%
146	% 1992-2017	22.1%	51.3%	4.0%	22.6%	100.0%

Table 30-1. Russia's Coal Reserves and Production

Indicator	Anthracite & Bituminous (million tonnes)	Sub-bituminous & Lignite (million tonnes)	Total (million tonnes)	Global Rank # (%)
Estimated Proved Coal Reserves (2006)*	49,088.0	107,922.0	157,010.0	2 (19.3)
Annual Coal Production (2007)**	217.9	71.1	289.0	5 (4.8)

Source: *EIA (2007b); **IEA (2007b)

Table 30-4. Russia's CMM Emissions (million cubic meters)

Emission Category	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007
Underground coal mines	3325.80	2090.97	1688.20	1780.28	1639.55	1743.92	1845.21	1886.34	2047.22	2028.11
Post-underground mine	0.51	0.32	0.26	0.28	0.26	0.28	0.29	0.31	0.32	0.32
Surface mines	1381.08	958.56	1059.45	1103.61	1059.45	1154.05	1147.75	1229.73	1267.56	1299.10
Post-surface mine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	4707.40	3049.86	2747.92	2884.17	2699.26	2898.26	2993.25	3116.37	3315.10	3327.53

Source: UNFCCC (2009)

Global Methane Initiative (2010) Country Profiles: Russia

Cell: I9**Comment:** Rick Heede:

Russia is currently sixth in the world in terms of coal production. It produced 323 million tons of coal in 2009, roughly 4% of the world's total production. As the overall Russian economy shrank in the 1990s following the fall of the Soviet Union and transition to a market economy, coal production decreased as well, falling from a production of 425 million tons in 1988 to 232 million tons in 1998. Coal production began to rise as the Russian economy rebounded following the 1998 financial crisis, but failed to reach Soviet-era production levels as it peaked at 329 million tons in 2008. Production once again declined with the effects from the 2008 global economic downturn and as world coal prices fell. Coal prices began to recover in 2010 and supported an almost 10 percent rise in Russian production until 2012. The trend continued even as world coal prices fell, as the devaluation of the ruble made Russian coal exports more competitive globally. The major areas of coal production are the Donets, Moscow, Pechora, Kuznetsk, Kansk-Achinsk, Irkutsk and South Yakutsk basins. Over two-thirds of coal produced in Russia is used domestically. https://en.wikipedia.org/wiki/Coal_in_Russia

Cell: D11**Comment:** Rick Heede:

Coal production by coal mining companies and state-owned enterprises, including subsidiaries of oil and gas companies.

Coal types produced are not ordinarily reported by coal operators (except for metallurgical coal). We distinguish, where possible and reasonably well known, between hard (bituminous and subbituminous) and soft (lignite or peat) coals, especially for the larger companies operating in regions such as Australia and India where soft coals are predominant. Soft coals have lower carbon content per tonne than do hard coals.

Cell: F55**Comment:** Rick Heede:

EIA (2011) International Energy Statistics on World Coal Production (lignite, bituminous, anthracite, and metallurgical coal), by country; data for 1980-2009; total Primary Coal Production data extends to 2010. www.eia.gov/emeu/international/energy.html or www.eia.gov/countries/data.cfm.

Cell: O56**Comment:** Rick Heede:

BP Statistical Review of World Energy for 2018, June 2019.

Cell: M85**Comment:** Rick Heede:

CAI adopts coal production data for 2017 and 2018 from the BP Statistical Review 2018. Subject to revision once EIA data is available.

Cell: J93**Comment:** Rick Heede:

EIA (2019) International Energy Statistics on World Coal Production (lignite, bituminous, anthracite, and metallurgical coal), by country; data for 1980-2017; <https://www.eia.gov/beta/international/data/browser/>

Cell: H95**Comment:** Rick Heede:

EIA (2019) International Energy Statistics on World Coal Production (lignite, bituminous, anthracite, and metallurgical coal), by country; data for 1980-2017; <https://www.eia.gov/beta/international/data/browser/>

Cell: O103**Comment:** Rick Heede:

BP Statistical Review of World Energy for 2018, June 2019.

Cell: J134**Comment:** Rick Heede:

EIA International Energy Statistics for Russia, thousand short tons; data by coal rank only for 2013-2015. Previous data series from older EIA data. CAI includes metallurgical coal production. <https://www.eia.gov/beta/international/data/browser/index.cfm>

Cell: O185**Comment:** Rick Heede:

Intentionally I

Cell: O186**Comment:** Rick Heede:

Russia

Intentionally I