

Coal extraction data

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 Climate Mitigation Services
 File started: 11 January 2005
 Last modified: November 2011

Russian Federation

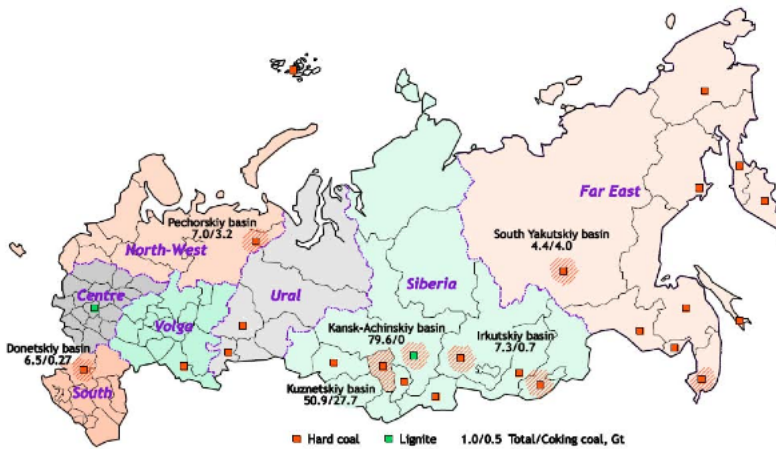
www. Moskva

yellow column indicates original reported units

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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- 75 2008
- 76 2009
- 77 2010



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

EIA excludes metallurgical coal from total primary coal production

EIA coal production data for Russian Federation 1992-2010

	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	135.6	192.2	20.9	33.7	348.8	316.4
1993	120.6	176.1	18.9	30.8	315.6	286.3
1994	101.9	158.1	20.7	28.0	280.7	254.6
1995	91.8	158.9	20.2	30.5	270.9	245.7
1996	96.4	149.4	19.1	28.0	264.9	240.3
1997	91.1	146.7	15.0	28.2	252.8	229.4
1998	86.1	143.4	11.5	24.2	241.0	218.7
1999	91.2	157.1	10.9	29.2	259.2	235.2
2000	96.8	156.7	11.5	32.2	264.9	240.3
2001	91.8	158.6	12.0	33.0	262.4	238.0
2002	81.6	169.0	11.3	34.7	261.9	237.6
2003	87.7	185.2	10.4	34.8	283.3	257.0
2004	76.3	201.2	7.9	35.6	285.4	258.9
2005	81.2	223.7	6.9	33.1	311.8	282.9
2006	81.7	222.8	9.1	33.8	313.7	284.6
2007	78.4	230.6	9.5	35.6	318.6	289.0
2008	91.0	238.2	7.0	35.4	336.2	305.0
2009	75.1	244.8	7.2	30.2	327.1	296.8
2010	78.7	256.3	7.6	30.2	342.5	310.7
Total	1,735	3,569	238	601	5,542	5,027

31.3% lignite
 64.4% bituminous
 4.3% anthracite

1992-2010 total: 5,542 tons

Coal Types:	Lignite	31.31%	Bituminous	64.40%	Anthracite	4.29%	100.00%
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Coal methane emissions

CMM emissions Crude CMM rate
million cubic meters Cubic meters per tonne
CH4 content ranges up to 33 m³ per tonne

4,707.4
interpolated
interpolated
interpolated
3,049.9 est EPA *
interpolated
interpolated
interpolated
est**
2,747.9
2,884.2
2,699.3
2,898.3
2,993.3
3,116.4
3,315.1
3,327.7
Global Methane Initiative (2010)
See sources below

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

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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.

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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/internationalenergy.html or www.eia.gov/countries/data.cfm.

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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/internationalenergy.html or www.eia.gov/countries/data.cfm.

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