

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
85		1969	27%	159.1		73%	430.9			590.0	590.0					
86		1970	25%	148.3		75%	436.4			584.8	584.8					
87		1971	26%	157.6		74%	445.4			603.1	603.1					
88		1972								738.1	669.6					
89		1973								735.9	667.6					
90		1974								754.5	684.5					
91		1975								773.0	701.3					
92		1976								784.3	711.5					
93		1977								796.4	722.5					
94		1978								797.6	723.6					
95		1979								792.2	718.7					
96		1980								789.7	716.4					
97		1981								772.8	701.1					
98		1982								785.7	712.8					
99		1983								778.9	706.6					
100		1984								785.3	712.5					
101		1985								800.7	726.4					
102		1986								828.1	751.2					
103		1987								837.6	759.8					
104		1988								851.3	772.3					
105		1989								816.1	740.3					
106		1990								881.8	800.0					
107		1991								701.7	636.5					
108		1992														
109		1993														
110		1994														
111		1995														
112		1996														
113		1997														
114		1998														
115		1999														
116		2000														
117		2001														
118		2002														
119		2003														
120		2004														
121		Total	(1980-1991 only)	2,112	6,597	(1980-1991 only)	921	(1980-1991 only)	1,050	(1900-1991)	27,204	(1900-1991)	29,051			

EIA data on coal production in Former Soviet Union (see page 2 for details).
metallurgical coal not included in total

Lignite	Bituminous	Anthracite	Metallurgical coal
million tons	million tons	million tons	million tons
180.1	529.0	80.6	95.9
172.5	519.9	80.4	90.4
175.6	530.2	79.8	91.5
170.6	528.8	79.5	89.5
167.9	538.3	79.1	85.2
173.2	549.0	78.6	84.4
180.2	569.1	78.7	86.2
181.8	576.9	78.8	91.5
190.0	581.6	79.7	90.3
180.3	560.9	75.0	88.7
172.6	640.2	69.0	85.6
167.6	472.7	61.4	71.0



See Russian Federation for coal production 1992-2010

Also see Kazakhstan and Ukraine, 1992-2010

Coal Types:	Lignite	21.94%	Bituminous	68.50%	Anthracite	9.56%	100.00%
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Former Soviet Union / USSR

	Lignite	Bituminous	Anthracite	Metallurgical
	EIA coal stats:	EIA coal stats:	EIA coal stats:	EIA coal stats:
	thousand tons	thousand tons	thousand tons	thousand tons
1980	180,136	528,999	80,579	95,901
1981	172,504	519,938	80,358	90,390
1982	175,626	530,245	79,807	91,492
1983	170,609	528,768	79,477	89,508
1984	167,879	538,314	79,146	85,209
1985	173,173	548,951	78,595	84,437
1986	180,235	569,123	78,705	86,201
1987	181,815	576,950	78,815	91,492
1988	190,033	581,579	79,697	90,279
1989	180,253	560,856	74,957	88,652
1990	172,609	640,222	69,005	85,591
1991	167,585	472,671	61,399	71,016

Coal methane emiss

Total Primary coal	EIA coal stats:	CMM emissions
thousand tons	thousand tons	million cubic meters
		GMI (2010) Russia

subt. 1980-1991	2,112,457	6,596,617	920,540	1,050,168	9,629,615
percent of 1991	19.57%	72.60%	7.83%	100.00%	
% 1980-1991:	21.9%	68.5%	90%		



TABLE 68.—World production of bituminous coal, anthracite, and lignite, by country, 1955-69, in thousand short tons—Continued
(Compiled by Pearl J. Thompson and Beatrice B. Mitchell)

Country	1955	1956	1957	1958	1959*
Europe—Continued					
Poland: Bituminous.....	104,142	104,804	103,723	104,659	109,248
Poland: Lignite and anthracite.....	6,960	6,919	6,960	6,813	10,200
Portugal: Bituminous and anthracite.....	448	446	435	423	395
Romania: Bituminous and anthracite.....	97	101	103	172	178
Russia: Bituminous and anthracite.....	212	211	207	211	211
Russia: Lignite.....	6,315	6,324	7,000	7,813	8,456
Spain: Bituminous and anthracite.....	10,150	10,418	10,150	10,150	12,000
Spain: Lignite.....	13,096	14,165	15,358	15,092	14,000
Sweden: Bituminous and anthracite.....	2,024	2,125	2,777	2,945	2,817
Switzerland: Bituminous.....	355	430	423	327	301
Switzerland: Anthracite.....	342	354	424	440	440
Switzerland: Bituminous and anthracite.....	311	304	335	352	300
U.S.S.R.: Bituminous and anthracite.....	11	11	11	11	11
U.S.S.R.: Lignite.....	304,915	355,104	362,111	389,104	387,882
U.S.S.R.: Total.....	316,026	376,015	373,222	400,215	398,893
United Kingdom: Bituminous and anthracite.....	268,223	258,646	250,495	241,723	238,095
Yugoslavia: Bituminous.....	15,100	17,400	15,097	15,507	21,588
Yugoslavia: Lignite.....	15,100	17,400	15,097	15,507	21,588
Total.....	1,947,087	1,815,947	1,874,985	1,734,436	1,738,410
Asia:					
Afghanistan: Bituminous.....	25	25	30	37	40
China: Bituminous, anthracite, and lignite.....	390,390	116,700	144,100	207,000	257,600
India: Bituminous.....	42,813	42,944	45,451	46,777	42,668
Indonesia: Bituminous.....	897	913	746	666	708
Iran: Bituminous.....	779	790	794	714	750
Japan: Bituminous and anthracite.....	44,343	42,318	47,025	44,736	42,043
Japan: Lignite.....	1,508	1,676	1,822	1,741	1,619
Korea: North: Anthracite and lignite.....	3,500	4,500	5,000	7,000	8,000
Korea: South: Anthracite.....	1,442	2,001	2,981	2,944	4,500
Malaya: Bituminous.....	680	694	171	73	83
Outer Mongolia: Lignite and bituminous.....	220	330	480	530	665
Philippines: Bituminous and lignite.....	362	722	879	660	830
Philippines: Bituminous.....	161	311	311	119	154
Taiwan: Bituminous.....	2,400	2,708	3,214	3,038	3,028
Taiwan: Lignite.....	14	16	16	16	16
Turkey (main): Bituminous.....	6,028	6,000	6,917	7,234	7,191
Turkey (main): Lignite.....	2,960	3,318	4,000	4,213	4,033
Vietnam: North: Anthracite.....	1,213	1,340	1,390	1,650	1,300
Vietnam: North: Anthracite.....	1	1	1	1	1
Total.....	213,081	226,765	277,516	434,317	522,814
Africa:					
Algeria: Bituminous and anthracite.....	333	337	390	160	134
Belgian Congo: Bituminous.....	332	432	472	321	294
Morocco: Southern area: Anthracite.....	311	341	298	273	282
Mozambique: Bituminous.....	300	300	298	273	282
Nigeria: Bituminous.....	300	300	298	273	282
Romania and Yugoslavia: Federation of Southern Rodezias: Bituminous.....	2,064	3,918	4,947	3,802	4,144
Romania and Yugoslavia: Federation of Southern Rodezias: Anthracite.....	1	1	1	1	1
Union of South Africa: Bituminous and anthracite (main):.....	24,426	37,040	35,320	40,870	40,181
Total.....	41,408	43,400	43,096	47,141	46,282

See footnotes at end of table.

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: M16**Comment:** Rick Heede:

"USSR" coal production in 1900, 1920, 1940, and 1950, includes lignite, bituminous, and anthracite. Peach, W. N., & James A. Constantin (1972) Zimmermann's World Resources and Industries, third edition, page 364.

Cell: G45**Comment:** Rick Heede:

Soviet production includes Svalbard production-sharing with Norway (~0.4 million tons per year).

Cell: J56**Comment:** Rick Heede:

United States Bureau of Mines (1945) Minerals yearbook 1943, by E. W. Pehrson, E. W., and Young, W. H.; Anderson, R. L., et al. Coal: bituminous coal and lignite, pp. 932-943. Table 66: World Production of coal and lignite; add Europe and Asia entries for U.S.S.R.. Note: we add Europe data for 1943 to 1938 production of coal and lignite in far eastern U.S.S.R. (1939-1943 production NA).

Cell: F92**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.

Cell: N121**Comment:** Rick Heede:

Partners in Economic Reform (1993) Program to Support the Restructuring of the Russian Coal Industry, Washington DC, W.J. Usury, Chairman, 186 pp. Map of Kuznetz region Appendix A page 120.

Cell: H129**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.

Cell: P176**Comment:** Rick Heede:

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