

Coal extraction data

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Climate Mitigation Services
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Czechoslovakia, Czech Republic, & Slovakia

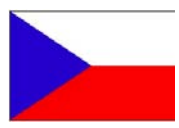
yellow indicates original data

Production / Extraction data

Year	Czechoslovakia		Slovakia		Czech Republic		Total, all years million tonnes	Czechoslovakia	
	Lignite	Black Coal	Lignite	Bituminous	Lignite	Bituminous		Lignite	Black Coal
	Million sh. tons/yr	Million sh. tons/yr	Million tonnes/yr	Million tonnes/yr	Million tonnes/yr	Million tonnes/yr		Million long tons/yr	Million long tons/yr

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- 83 2003
- 84 2004
- 85 2005
- 86 2006
- 87 2007
- 88 2008
- 89 2009
- 90 2010

Czechoslovakia		
million short tons	million short tons	
17.81	17.67	UN data
18.05	16.17	interpolated
18.29	14.67	interpolated
18.52	13.18	interpolated
18.76	11.68	interpolated
19.00	10.18	interpolated
19.24	8.68	interpolated
19.48	7.18	interpolated
19.72	5.68	interpolated
19.96	4.18	interpolated
20.20	2.68	UN data
19.35	3.02	UN data
21.00	3.13	UN data
25.34	5.71	interpolated
29.68	8.28	interpolated
34.01	10.86	interpolated
38.35	13.44	interpolated
42.69	16.01	interpolated
47.03	18.59	interpolated
51.37	21.17	interpolated
55.70	23.74	interpolated
60.04	26.32	interpolated
64.38	28.90	US BoM
71.98	28.92	US BoM
76.59	29.93	US BoM
80.80	31.19	US BoM
83.34	31.09	US BoM
80.71	30.45	US BoM
81.69	29.47	US BoM
78.66	28.60	US BoM
82.01	28.77	US BoM
87.45	29.84	US BoM
90.15	30.92	US BoM
92.93	31.64	US BoM
86.88	32.20	US BoM
87.69	32.49	US BoM
89.02	32.99	US BoM
92.56	34.30	US BoM
94.69	35.09	US BoM
97.46	36.11	US BoM
99.37	36.82	US BoM
100.05	37.08	US BoM
4.16	133.08	EIA
3.42	131.32	EIA
4.05	133.09	EIA
5.41	136.15	EIA
6.50	138.13	EIA
3.91	137.63	EIA
3.52	137.56	EIA
4.06	136.78	EIA
3.98	134.33	EIA
4.01	127.85	EIA
3.64	113.85	EIA
3.40	105.87	EIA
1.99	99.91	EIA



1960 to 1971	1960 to 1971
lignite	bituminous
970.69	359.70
73.0%	27.0%

U.S. BoM total	119.08
Czechoslovakia	120.18
1972-1979	122.00
	126.87
	129.78
	133.57
	136.19
	137.13

Note: excludes metallurgical coal production (see Table, page 2)
EIA data (from page 2)

Slovakia		Czech Republic	
Lignite	Bituminous	Lignite	Bituminous
million tonnes	million tonnes	million tonnes	million tonnes
3.5	-	66.9	18
3.6	-	59.6	17
3.8	-	57.2	17
3.8	-	59.7	17
3.9	-	57.4	16
4.0	-	51.4	16
3.7	-	44.8	14
3.6	-	50.3	15
3.4	-	51.0	15
3.4	-	48.9	14
3.1	-	50.3	14
3.0	-	48.5	13
2.5	-	48.8	13
2.2	-	49.5	13
2.1	-	49.7	13
2.4	-	47.5	13
2.6	-	45.4	11
2.4	-	44.5	11

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Czechoslovakia		
Million long tons/yr	Million long tons/yr	
15.90	15.78	UN data
16.11	14.44	interpolated
16.33	13.10	interpolated
16.54	11.76	interpolated
16.75	10.43	interpolated
16.97	9.09	interpolated
17.18	7.75	interpolated
17.39	6.41	interpolated
17.61	5.07	interpolated
17.82	3.74	interpolated
18.03	2.40	UN data
17.28	2.70	UN data
18.75	2.80	UN data
22.62	5.10	interpolated
26.50	7.40	interpolated
30.37	9.70	interpolated
34.24	12.00	interpolated
38.12	14.30	interpolated
41.99	16.60	interpolated
45.86	18.90	interpolated
49.73	21.20	interpolated
53.61	23.50	interpolated

Czechoslovakia 1938-1992	Czech Republic plus Slovakia 1993-2010
million tonnes	million tonnes
4,460	1,250

Total	2,404	2,565	57	-	931	261	4,460
Czechoslovakia	tonnes 1938-1992	4,969	Lignite	48.38%	Sub-bituminous	51.62%	100%
Slovakia	tonnes 1993-2010	57	Lignite	100.00%	Bituminous	0.00%	100%
Czech Republic	tonnes 1993-2010	1,193	Lignite	77.98%	Bituminous	22.02%	100%

Note: the proportion of total coal production that should be considered lignite and/or sub-bituminous may be higher than indicated by the EIA data shown above (and detailed below). We therefore conclude that the EIA-designated "bituminous" production is more likely sub-bituminous in coal rank.

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: E16

Comment: Rick Heede:

Lignite and black coal production in Czechoslovakia for 1938, 1948-1950, converted from long tons (2,240 lb) to short tons (2,000 lb), from United Nations Statistic Dept, shown in:

Source: Commonwealth of Australia Bureau of Census and Statistics (1953) Official Year Book of the Commonwealth of Australia for 1952, No. 39, ACT, 1,413 pp.

U.S Bureau of Mines data for Czechoslovakia 1960-1979. US Energy Information Administration data for 1980-1992, and Czech Republic 1993 - 2010 and Slovakia 1993-2010.

Cell: O17

Comment: Rick Heede:

Lignite and black coal production in Czechoslovakia for 1938, 1948-1950, in long tons (2,240 lb), from United Nations Statistic Dept, shown in:

Source: Commonwealth of Australia Bureau of Census and Statistics (1953) Official Year Book of the Commonwealth of Australia for 1952, No. 39, ACT, 1,413 pp.

Cell: D40

Comment: Rick Heede:

U.S. Bureau of Mines data on lignite and bituminous coal production 1960 to 1979.

Cell: E60

Comment: Rick Heede:

EIA (2005) Table 2.5, World Lignite Production 1980-2003, www.eia.doe.gov/emeu/internationalenergy.html
Czechoslovakian coal is approx. 95% bituminous coal, and 5% lignite.

Cell: J94

Comment: Rick Heede:

Note: the proportion of total coal production that should be considered lignite and/or sub-bituminous may be higher than indicated by the EIA data shown above (and detailed below). We therefore conclude that the EIA-designated "bituminous" production is more likely sub-bituminous in coal rank.

Cell: H108

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.
Data on Czechoslovakia from 1980 to 1992. Data on Slovakia and Czech Republic from 1993 to 2010 (see below).

Cell: Q203

Comment: Rick Heede:

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