

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.

EIA statistics, "International Energy Statistics" 1980 - 2012

Czechoslovakia

	Lignite EIA coal stats: thousand tons	Bituminous EIA coal stats: thousand tons	Metallurgical EIA coal stats: thousand tons	no anthra	Total coal EIA coal stats: thousand tons
1980	4,162	133,082	11,379		148,624
1981	3,422	131,324	11,380		146,126
1982	4,053	133,093	11,647		148,793
1983	5,409	136,146	11,398		152,953
1984	6,502	138,134	11,357		155,993
1985	3,914	137,630	11,284		152,829
1986	3,524	137,555	11,123		152,203
1987	4,059	136,778	11,669		152,506
1988	3,976	134,332	11,669		149,977
1989	4,011	127,852	11,185		143,048
1990	3,643	113,848	10,433		127,924
1991	3,403	105,867	9,387		118,657
1992	1,987	99,912	8,442		110,341
Total 1980-1992	52,065	1,665,554	142,355		1,859,974
% 1980-1992	3%	90%	8%		100%

Coal methane emissions

Global Methane Initiative

Slovakia **Czech Republic** **Crude CMM rate**

million cubic meters million cubic meters/tonne m³ CH₄/tonne

	Slovakia million cubic meters	Czech Republic million cubic meters/tonne	Crude CMM rate m ³ CH ₄ /tonne
1990	na	532.1	
1991	na	471.9	
1992	na	449.9	
1993	na	438.1	4.7
1994	na	414.6	4.9
1995	na	406.7	4.9
1996	na	394.8	4.6
1997	na	387.4	4.7
1998	na	372.1	5.0
1999	na	336.6	5.2
2000	na	351.4	4.9
2001	na	359.8	4.9
2002	na	349.2	5.0
2003	na	335.5	4.8
2004	na	326.4	4.6
2005	na	325.6	4.8
2006	na	372.1	5.4
2007	na	319.7	4.6
2008	na	na	
2009	na	na	
2010	na	na	

Table 9-1. The Czech Republic's Coal Reserves and Production

Indicator	Anthracite & Bituminous (million tonnes)	Sub-bituminous & Lignite (million tonnes)	Total (million tonnes)	Global Rank (# and %)
Estimated Proved Coal Reserves (2006)*	1,673	2,828	4,501	14 (0.6%)
Annual Coal Production (2007)**	7.67	55.0	62.6	14 (1.0%)

Source: *EIA (2006); **IEA (2007)

Global Methane Initiative (2010) Country Profiles: Czech Republic

Table 9-4. The Czech Republic's CMM Emissions (million cubic meters)

Emission Category	1990	1991	1992	1993	1994	1995	1996	1997	1998
Underground mine	384.39	333.74	323.27	314.49	301.52	297.18	286.39	279.72	275.80
Post-underground mine	50.46	43.78	42.76	41.29	39.75	39.13	37.73	36.92	36.39
Surface mine	89.48	86.87	77.13	75.77	67.48	64.76	64.98	65.08	55.08
Post-surface mine	7.78	7.55	6.71	6.59	5.87	5.63	5.65	5.66	4.79
Total	532.11	471.94	449.86	438.14	414.62	406.71	394.75	387.38	372.06
Additional Recovered and Used						*151.71			
Emission Category	1999	2000	2001	2002	2003	2004	2005	2006	2007
Underground mine	252.16	259.62	265.60	258.65	245.71	239.55	238.69	275.80	232.39
Post-underground mine	33.55	34.33	35.17	34.51	32.88	32.06	31.95	36.39	31.11
Surface mine	47.04	52.85	54.33	51.52	52.38	50.41	50.55	55.08	51.73
Post-surface mine	4.09	4.60	4.72	4.48	4.56	4.38	4.39	4.79	4.50
Total	336.64	351.40	359.84	349.16	335.53	326.41	325.58	372.06	319.73
Additional Recovered and Used					*116.14				

Source: UNFCCC (2009a); *UNFCCC (2005)

Global Methane Initiative (2010) Country Profiles: Czech Republic

EIA statistics, "International Energy Statistics" 1980 - 2017

Slovakia

Czech Republic

EIA data updated July 2019

	Lignite EIA coal stats: thousand tons	Bituminous EIA coal stats: thousand tons	Total coal EIA coal stats: thousand tons	Metallurgical coke thousand tons
1993	3,910	-	3,910	2,070
1994	4,006	-	4,006	2,090
1995	4,144	-	4,144	2,051
1996	4,221	-	4,221	1,883
1997	4,316	-	4,316	1,907
1998	4,355	-	4,355	1,670
1999	4,131	-	4,131	1,781
2000	4,021	-	4,021	1,881
2001	3,774	-	3,774	1,871
2002	3,752	-	3,752	1,991
2003	3,414	-	3,414	2,079
2004	3,254	-	3,254	2,076
2005	2,768	-	2,768	2,035
2006	2,426	-	2,426	2,046
2007	2,327	-	2,327	1,927
2008	2,671	-	2,671	1,744
2009	2,836	-	2,836	1,734
2010	2,621	-	2,621	1,828
2011	2,619	-	2,619	1,786
2012	2,526	-	2,526	1,720
2013	2,594	-	2,594	1,699
2014	2,412	-	2,412	1,721
2015	2,137	-	2,137	1,803
2016	2,036	-	2,036	1,802
2017	2,024	-	2,024	-

	Lignite EIA coal stats: thousand tons	Bituminous EIA coal stats: thousand tons	Metallurgical EIA coal stats: thousand tons	Total coal EIA coal stats: thousand tons	Metallurgical coke thousand tons
77,473.3	7,740.6	8,745.8	93,960	5,811.4	
69,934.1	6,987.3	7,894.7	84,816	5,702.2	
68,077.2	6,801.8	7,685.1	82,564	5,470.8	
70,116.7	7,005.6	7,915.4	85,038	5,350.6	
67,272.8	6,721.5	7,594.3	81,589	4,728.9	
61,376.8	6,132.4	6,928.7	74,438	4,419.2	
53,745.7	5,369.9	6,067.3	65,183	3,672.9	
59,225.4	5,917.4	6,685.9	71,829	3,760.0	
60,083.4	6,003.1	6,782.7	72,869	3,882.3	
57,584.0	5,753.4	6,500.6	69,838	3,898.9	
58,083.9	5,803.4	6,557.0	70,444	3,919.8	
58,238.4	5,818.8	6,574.4	70,632	3,911.0	
56,375.1	5,632.6	6,364.1	68,372	3,761.1	
57,172.2	5,712.3	6,454.1	69,339	3,778.7	
56,920.5	5,687.1	6,425.7	69,033	3,591.3	
54,715.5	5,466.8	6,176.7	66,359	3,746.8	
51,277.2	5,123.3	5,788.6	62,189	2,529.8	
50,179.2	5,013.6	5,664.7	60,857	2,808.7	
52,772.3	5,272.7	5,957.4	64,002	2,850.6	
50,763.6	5,072.0	5,730.6	61,566	2,719.4	
44,516.8	4,447.8	5,025.4	53,990	2,743.6	
42,082.9	4,508.4	5,059.6	51,651	2,798.8	
42,003.5	4,658.4	4,506.2	51,168	2,570.6	
42,469.9	3,749.0	3,730.2	49,949	2,435.0	
43,327.4	2,992.5	2,977.6	49,298	-	

(not included)

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

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

subt. 1993-2017 79,296
percent of 2017
% 1993-2017 100%

subt. 1993-2017	1,405,788	139,392	155,793	1,700,972
percent of 2017	87.9%	6.1%	6.0%	100.0%
% 1993-2017	82.6%	8.2%	9.2%	100.0%

Coal Basins of the Czech Republic



Global Methane Initiative (2010) Country Profiles: Czech Republic

Czech Republic

Cell: N11

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: R17

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: U58

Comment: Rick Heede:

BP Statistical Review of World Energy 2018, June 2019. Coal production in million tonnes.

Cell: E60

Comment: Rick Heede:

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

Cell: S93

Comment: Rick Heede:

CAI adopts coal production data for 2013 to 2017 from the BP Statistical Review 2018. Data for Czech Republic plus lignite production in Slovakia.

Cell: L102

Comment: Rick Heede:

EIA classified Czechoslovakia's coal production as predominately bituminous to 1992. However, later IEA data confirm that the majority of production is lignite; hence, CAI uses the emission factors for sub-bituminous and lignite for Czechoslovakia to 1992. This also aligns the production and emissions of Czech Republic plus Slovakia 1993-forward to their common history to 1992.

Cell: I117

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.

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

Cell: R166

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: T223

Comment: Rick Heede:

Cell: T224

Comment: Rick Heede:

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