

Table 11.1 : World Proved Coal and Lignite Reserves at the End of 2020

(Qty. in MT)

Countries	Anthracite and Bituminous	Sub Bituminous and Lignite	Total	Share of Total	R/P Ratio	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Canada	4346	2236	6582	0.6%	166	* More than 500 years.
Mexico	1160	51	1211	0.1%	185	♦ Less than 0.05%.
US	218938	30003	248941	23.2%	*	
<b>Total North America</b>	<b>224444</b>	<b>32290</b>	<b>256734</b>	<b>23.9%</b>	<b>484</b>	
Brazil	1547	5049	6596	0.6%	*	<b>Notes:</b> Notes: Total proved reserves of coal- Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known reservoirs under existing economic and operating conditions. The data series for total proved coal reserves does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent the EI's view of proved reserves by country.
Colombia	4554	-	4554	0.4%	90	
Venezuela	731	-	731	0.1%	*	
Other S. & Cent. America	1784	24	1808	0.2%	*	
<b>Total S. &amp; Cent. America</b>	<b>8616</b>	<b>5073</b>	<b>13689</b>	<b>1.3%</b>	<b>240</b>	
Bulgaria	192	2174	2366	0.2%	192	
Czech Republic	1081	2514	3595	0.3%	113	
Germany	-	35900	35900	3.3%	334	
Greece	-	2876	2876	0.3%	205	
Hungary	276	2633	2909	0.3%	475	
Poland	22530	5865	28395	2.6%	282	
Romania	11	280	291	♦	19	
Serbia	402	7112	7514	0.7%	189	
Spain	868	319	1187	0.1%	282	
Turkey	550	10975	11525	1.1%	168	
Ukraine	32039	2336	34375	3.2%	*	
United Kingdom	26	-	26	♦	16	
Other Europe	1109	5172	6281	0.6%	189	
<b>Total Europe</b>	<b>59084</b>	<b>78156</b>	<b>137240</b>	<b>12.8%</b>	<b>299</b>	
Kazakhstan	25605	-	25605	2.4%	226	
Russian Federation	71719	90447	162166	15.1%	407	
Uzbekistan	1375	-	1375	0.1%	333	
Other CIS	1509	-	1509	0.1%	336	
<b>Total CIS</b>	<b>100208</b>	<b>90447</b>	<b>190655</b>	<b>17.8%</b>	<b>367</b>	
South Africa	9893	-	9893	0.9%	40	
Zimbabwe	502	-	502	♦	153	<b>Reserves-to-production (R/P)</b> are calculated excluding other solid fuels in reserves and production.
Other Africa	4376	66	4442	0.4%	280	
Middle East	1203	-	1203	0.1%	*	
<b>Total Middle East &amp; Africa</b>	<b>15974</b>	<b>66</b>	<b>16040</b>	<b>1.5%</b>	<b>60</b>	
Australia	73719	76508	150227	14.0%	315	<b>Shares of total and R/P ratios</b> are calculated using million tonnes figures.
China	135069	8128	143197	13.3%	37	
India	105979	5073	111052	10.3%	147	
Indonesia	23141	11728	34869	3.2%	62	
Japan	340	10	350	♦	453	
Mongolia	1170	1350	2520	0.2%	58	
New Zealand	825	6750	7575	0.7%	*	
Pakistan	207	2857	3064	0.3%	396	
South Korea	326	-	326	♦	320	
Thailand	-	1063	1063	0.1%	80	
Vietnam	3116	244	3360	0.3%	69	
Other Asia Pacific	1421	726	2147	0.2%	33	<b>Source:</b> Source: statistics are taken from national statistical agencies, international organizations, and other proprietary sources. Includes data from Federal Institute for Geosciences and Natural Resources (BGR) Energy Study 2021.

Total Asia Pacific	345313	114437	459750	42.8%	78
Total World	753639	320469	1074108	100.0%	139
of which: OECD	331303	177130	508433	47.3%	363
Non-OECD	422336	143339	565675	52.7%	90
European Union	25539	53051	78590	7.3%	266
Source:International Energy Agency & BP Stats					

Table 11.2 : Trend of Coal Production By major Coal Producing Countries

(Qty. in MT)

Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Change 2024 over 2023	Average Growth Rate Per Annum 2014-24	2024 Share of Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Canada	67.8	61.8	62.4	60.6	55.2	53.2	46.1	47.6	47.6	48.8	42.6	-12.9%	-4.5%	0.5%
Mexico	14.9	12.3	11.4	12.9	11.9	9.8	7.7	5.5	5.5	5.2	5.2	-0.5%	-10.0%	0.1%
US	907.2	813.7	660.8	702.7	686.0	640.8	485.7	523.8	539.0	524.3	464.6	-11.6%	-6.5%	5.0%
<b>Total North America</b>	<b>989.9</b>	<b>887.8</b>	<b>734.5</b>	<b>776.2</b>	<b>753.0</b>	<b>703.7</b>	<b>539.6</b>	<b>577.0</b>	<b>592.2</b>	<b>578.3</b>	<b>512.4</b>	<b>-11.6%</b>	<b>-6.4%</b>	<b>5.5%</b>
Brazil	9.4	8.0	7.5	5.8	6.4	5.8	7.1	8.0	7.6	7.7	7.6	-1.3%	-2.1%	0.1%
Colombia	88.6	86.7	91.5	91.8	87.9	88.5	56.8	63.7	66.8	68.0	52.7	-22.6%	-5.1%	0.6%
Venezuela	0.8	0.8	0.7	0.7	0.7	0.4	0.3	0.2	0.2	0.3	0.3	9.1%	-9.7%	♦
Other S. & Cent. America	4.5	3.4	2.8	1.8	1.6	1.1	0.4	0.2	0.3	0.4	0.4	3.4%	-21.6%	♦
<b>Total S. &amp; Cent. America</b>	<b>103.2</b>	<b>99.0</b>	<b>102.6</b>	<b>100.2</b>	<b>96.7</b>	<b>95.9</b>	<b>64.6</b>	<b>72.1</b>	<b>74.9</b>	<b>76.3</b>	<b>61.0</b>	<b>-20.3%</b>	<b>-5.1%</b>	<b>0.7%</b>
Bulgaria	31.3	35.9	31.3	34.3	30.6	28.3	22.6	28.4	35.6	21.1	15.1	-28.7%	-7.1%	0.2%
Czech Republic	47.1	46.5	45.5	44.9	43.8	41.0	31.6	31.5	35.1	30.2	25.1	-16.8%	-6.1%	0.3%
Germany	185.8	184.3	175.4	175.1	168.8	131.3	107.4	126.3	130.8	102.3	91.9	-10.4%	-6.8%	1.0%
Greece	50.8	46.2	32.6	37.7	36.5	27.4	14.1	12.4	14.3	10.8	6.5	-39.8%	-18.6%	0.1%
Hungary	9.6	9.3	9.2	8.0	7.9	6.8	6.1	5.0	4.9	4.1	3.9	-4.7%	-8.6%	♦
Poland	137.1	135.8	131.0	127.1	122.4	112.4	100.7	107.6	107.8	88.7	85.2	-4.2%	-4.6%	0.9%
Romania	23.6	25.5	23.0	25.8	23.7	21.7	15.0	17.7	18.2	14.8	12.6	-15.0%	-6.1%	0.1%
Serbia	29.8	37.8	38.5	39.8	37.6	38.9	39.7	36.4	35.1	31.9	31.3	-2.4%	0.5%	0.3%
Spain	3.9	3.1	1.7	3.0	2.4	0.1	0.1	0.1	0.1	^	^	-	-36.5%	♦
Turkey	65.2	58.4	73.0	74.1	83.9	87.1	74.7	86.5	95.3	74.2	87.0	16.9%	2.9%	0.9%
Ukraine	45.7	30.4	32.2	24.7	26.8	26.1	24.4	23.8	20.3	19.7	17.4	-11.9%	-9.2%	0.2%
United Kingdom	11.6	8.6	4.2	3.0	2.8	2.6	1.7	1.1	0.7	0.5	0.1	-79.0%	-37.5%	♦
Other Europe	67.2	64.5	61.7	65.1	66.3	56.8	50.2	47.6	50.7	45.6	40.7	-11.0%	-4.9%	0.4%
<b>Total Europe</b>	<b>708.8</b>	<b>686.3</b>	<b>659.4</b>	<b>662.6</b>	<b>653.5</b>	<b>580.5</b>	<b>488.3</b>	<b>524.3</b>	<b>548.8</b>	<b>443.9</b>	<b>416.9</b>	<b>-6.3%</b>	<b>-5.2%</b>	<b>4.5%</b>
Kazakhstan	114.0	107.3	103.1	112.3	118.5	115.0	113.4	116.2	117.8	116.4	112.6	-3.6%	-0.1%	1.2%
Russian Federation	357.5	372.5	386.6	411.0	441.3	440.7	398.6	432.6	437.3	430.7	427.2	-1.1%	1.8%	4.6%
Uzbekistan	4.4	3.5	3.9	4.0	4.2	4.0	4.1	5.1	5.4	6.5	7.5	14.5%	5.5%	0.1%
Other CIS	4.1	4.0	4.6	5.7	7.7	7.9	6.3	6.6	8.6	8.5	9.0	5.7%	8.1%	0.1%
<b>Total CIS</b>	<b>480.0</b>	<b>487.3</b>	<b>498.1</b>	<b>533.0</b>	<b>571.6</b>	<b>567.6</b>	<b>522.4</b>	<b>560.5</b>	<b>569.0</b>	<b>562.1</b>	<b>556.2</b>	<b>-1.3%</b>	<b>1.5%</b>	<b>6.0%</b>
<b>Total Middle East</b>	<b>1.5</b>	<b>1.6</b>	<b>1.8</b>	<b>1.8</b>	<b>2.2</b>	<b>2.0</b>	<b>2.1</b>	<b>2.4</b>	<b>4.9</b>	<b>9.2</b>	<b>11.0</b>	<b>18.8%</b>	<b>22.2%</b>	<b>0.1%</b>
South Africa	261.4	252.2	249.7	252.3	250.0	254.4	248.1	233.7	229.9	233.6	235.0	0.3%	-1.1%	2.5%
Zimbabwe	5.8	4.3	2.7	2.9	3.3	2.6	2.7	3.2	3.9	5.0	5.8	15.9%	♦	0.1%
Other Africa	9.4	9.7	9.2	16.7	20.3	15.2	13.6	17.8	23.9	24.5	26.2	6.6%	10.8%	0.3%
<b>Total Africa</b>	<b>276.6</b>	<b>266.2</b>	<b>261.7</b>	<b>271.9</b>	<b>273.7</b>	<b>272.3</b>	<b>264.4</b>	<b>254.8</b>	<b>257.8</b>	<b>263.1</b>	<b>267.0</b>	<b>1.2%</b>	<b>-0.4%</b>	<b>2.9%</b>
Australia	505.3	503.7	502.1	487.2	502.0	505.4	467.9	478.8	458.5	460.4	462.9	0.3%	-0.9%	5.0%
China	3873.9	3746.5	3410.6	3523.6	3697.7	3846.3	3901.6	4125.8	4558.6	4723.3	4780.0	0.9%	2.1%	51.7%
India	646.2	674.2	689.8	711.7	760.4	753.9	760.2	812.1	910.8	1011.3	1085.1	7.0%	5.3%	11.7%
Indonesia	458.1	461.6	456.2	461.2	557.8	616.2	563.7	614.0	687.4	775.2	836.1	7.6%	6.2%	9.0%
Japan	1.3	1.2	1.3	1.4	1.0	0.8	0.8	0.7	0.7	0.6	0.5	-18.5%	-8.8%	♦
Mongolia	24.4	24.1	35.1	49.5	54.6	57.1	43.1	32.3	39.3	83.2	106.5	27.7%	15.9%	1.2%
New Zealand	4.0	3.4	2.9	2.9	3.2	3.0	2.8	2.9	2.6	2.6	2.5	-3.8%	-4.5%	♦
Pakistan	3.4	3.3	4.1	4.2	4.4	7.1	9.6	9.7	12.3	17.4	19.1	9.5%	18.9%	0.2%
South Korea	1.7	1.8	1.7	1.5	1.2	1.1	1.0	0.9	0.8	0.6	0.5	-16.0%	-11.0%	♦
Thailand	18.0	15.2	17.0	16.3	14.9	14.1	13.3	14.2	13.6	12.8	12.8	-0.7%	-3.4%	0.1%
Vietnam	41.1	41.7	38.7	38.4	42.4	46.4	44.6	48.3	49.9	47.3	43.8	-7.5%	0.6%	0.5%
Other Asia Pacific	44.2	47.7	64.2	61.6	58.8	64.9	60.8	57.4	64.2	67.2	67.2	-0.3%	4.3%	0.7%
<b>Total Asia Pacific</b>	<b>5621.7</b>	<b>5524.3</b>	<b>5223.8</b>	<b>5359.5</b>	<b>5698.3</b>	<b>5916.3</b>	<b>5869.4</b>	<b>6197.2</b>	<b>6798.8</b>	<b>7202.0</b>	<b>7417.1</b>	<b>2.7%</b>	<b>2.8%</b>	<b>80.3%</b>

<b>Total World</b>	<b>8181.6</b>	<b>7952.4</b>	<b>7481.8</b>	<b>7705.2</b>	<b>8049.0</b>	<b>8138.1</b>	<b>7750.8</b>	<b>8188.3</b>	<b>8846.3</b>	<b>9134.9</b>	<b>9241.5</b>	<b>0.9%</b>	<b>1.2%</b>	<b>100.0%</b>
of which: OECD	2146.4	2016.1	1842.3	1872.4	1856.2	1740.8	1427.3	1514.8	1532.3	1441.0	<b>1347.0</b>	-6.8%	-4.6%	14.6%
Non-OECD	6035.3	5936.3	5639.5	5832.8	6192.9	6397.4	6323.5	6673.5	7314.0	7693.9	<b>7894.6</b>	2.3%	2.7%	85.4%
European Union #	527.3	521.3	481.6	492.2	473.4	397.3	318.8	348.9	368.1	291.3	<b>255.7</b>	-12.5%	-7.0%	2.8%

\* Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal, and other commercial solid fuels. Includes coal produced for Coal-to-Liquids and Coal-to-Gas transformations.

^ Less than 0.05.

◆ Less than 0.05%

n/a not available.

# Excludes Estonia, Latvia and Lithuania prior to 1985 and Croatia and Slovenia prior to 1990.

Notes: Annual changes and shares of total are calculated using million tonnes figures. Growth rates are adjusted for leap years.

**Source: International Energy Agency & BP Stats**

Table 11.3 : Coal Consumption in major Coal Consuming Countries of the World

(Qty. in Exajoules)

Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Change 2024 over 2023	Average Growth Rate Per Annum 2014-24	2024 Share of Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Canada	0.82	0.77	0.77	0.79	0.65	0.61	0.53	0.47	0.39	0.37	0.29	-21.4%	-9.8%	0.2%
Mexico	0.53	0.53	0.52	0.64	0.57	0.54	0.24	0.20	0.24	0.28	0.28	1.2%	-6.1%	0.2%
US	18.04	15.58	14.26	13.87	13.28	11.34	9.20	10.57	9.91	8.19	7.90	-3.8%	-7.9%	4.8%
<b>Total North America</b>	<b>19.39</b>	<b>16.89</b>	<b>15.55</b>	<b>15.30</b>	<b>14.50</b>	<b>12.49</b>	<b>9.97</b>	<b>11.24</b>	<b>10.54</b>	<b>8.84</b>	<b>8.48</b>	<b>-4.3%</b>	<b>-7.9%</b>	<b>5.1%</b>
Argentina	0.06	0.06	0.04	0.05	0.05	0.03	0.04	0.05	0.05	0.05	0.04	-25.4%	-4.6%	♦
Brazil	0.73	0.74	0.67	0.70	0.69	0.65	0.58	0.71	0.59	0.57	0.53	-7.5%	-3.2%	0.3%
Chile	0.32	0.31	0.31	0.32	0.31	0.31	0.26	0.29	0.24	0.14	0.13	-7.6%	-8.5%	0.1%
Colombia	0.22	0.21	0.23	0.17	0.16	0.19	0.17	0.14	0.18	0.20	0.22	13.1%	-0.1%	0.1%
Ecuador	^	^	^	^	^	^	^	^	^	^	^	-67.6%	-3.3%	♦
Peru	0.04	0.03	0.04	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	-10.0%	-3.5%	♦
Trinidad & Tobago	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	0.01	0.01	0.01	0.01	^	^	^	^	0.01	0.01	0.01	9.1%	0.9%	♦
Central America	0.04	0.05	0.06	0.04	0.06	0.07	0.06	0.07	0.05	0.06	0.04	-28.8%	-0.6%	♦
Other Caribbean	0.08	0.08	0.08	0.07	0.07	0.10	0.12	0.11	0.12	0.12	0.13	3.4%	4.4%	0.1%
Other South America	^	^	^	^	^	^	^	^	^	^	^	0.9%	2.3%	♦
<b>Total S. &amp; Cent. America</b>	<b>1.50</b>	<b>1.48</b>	<b>1.43</b>	<b>1.40</b>	<b>1.38</b>	<b>1.39</b>	<b>1.26</b>	<b>1.40</b>	<b>1.26</b>	<b>1.17</b>	<b>1.12</b>	<b>-4.6%</b>	<b>-2.9%</b>	<b>0.7%</b>
Austria	0.13	0.14	0.13	0.13	0.12	0.12	0.10	0.11	0.10	0.10	0.10	-0.2%	-2.2%	0.1%
Belgium	0.14	0.14	0.13	0.13	0.13	0.13	0.10	0.11	0.12	0.10	0.11	9.9%	-2.6%	0.1%
Bulgaria	0.27	0.27	0.24	0.26	0.23	0.21	0.17	0.22	0.26	0.15	0.11	-26.5%	-8.1%	0.1%
Croatia	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	-34.3%	-9.9%	♦
Cyprus	^	^	^	^	^	^	^	^	^	^	^	-43.6%	21.5%	♦
Czech Republic	0.69	0.68	0.69	0.67	0.67	0.60	0.52	0.54	0.56	0.45	0.36	-20.4%	-6.3%	0.2%
Denmark	0.11	0.08	0.09	0.07	0.07	0.04	0.03	0.04	0.04	0.03	0.02	-31.7%	-15.9%	♦
Estonia	0.17	0.15	0.16	0.18	0.18	0.13	0.10	0.11	0.12	0.11	0.10	-8.8%	-5.6%	0.1%
Finland	0.19	0.16	0.18	0.17	0.18	0.15	0.11	0.12	0.12	0.09	0.08	-16.8%	-8.7%	♦
France	0.39	0.37	0.36	0.39	0.36	0.29	0.20	0.27	0.23	0.18	0.18	♦	-7.5%	0.1%
Germany	3.33	3.29	3.20	3.01	2.90	2.25	1.85	2.24	2.31	1.75	1.58	-10.3%	-7.2%	1.0%
Greece	0.28	0.24	0.18	0.20	0.20	0.13	0.08	0.07	0.07	0.05	0.04	-26.4%	-18.1%	♦
Hungary	0.09	0.10	0.09	0.09	0.09	0.08	0.07	0.06	0.05	0.04	0.03	-16.5%	-10.4%	♦
Iceland	^	^	^	^	^	^	^	^	^	^	^	28.9%	1.8%	♦
Ireland	0.08	0.09	0.09	0.08	0.06	0.04	0.04	0.05	0.04	0.02	0.02	-27.7%	-14.7%	♦
Italy	0.55	0.52	0.46	0.40	0.37	0.28	0.21	0.23	0.31	0.19	0.10	-48.0%	-15.7%	0.1%
Latvia	^	^	^	^	^	^	^	^	^	^	^	-20.0%	-14.8%	♦
Lithuania	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	^	^	-18.7%	-8.2%	♦
Luxembourg	^	^	^	^	^	^	^	^	^	^	^	-13.9%	-9.5%	♦
Netherlands	0.38	0.46	0.43	0.39	0.35	0.27	0.17	0.23	0.23	0.16	0.17	9.3%	-7.5%	0.1%
North Macedonia	0.05	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03	-23.1%	-5.3%	♦
Norway	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	3.8%	-1.1%	♦
Poland	2.07	2.04	2.07	2.08	2.09	1.86	1.72	1.90	1.78	1.48	1.33	-10.5%	-4.3%	0.8%
Portugal	0.11	0.14	0.12	0.14	0.11	0.05	0.02	0.01	^	^	^	19.7%	-45.7%	♦
Romania	0.24	0.25	0.22	0.23	0.21	0.21	0.15	0.17	0.15	0.11	0.09	-17.8%	-9.3%	0.1%
Slovakia	0.14	0.14	0.13	0.14	0.14	0.11	0.10	0.12	0.10	0.10	0.08	-19.4%	-5.5%	♦
Slovenia	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.04	20.8%	-1.9%	♦
Spain	0.49	0.57	0.44	0.56	0.48	0.21	0.12	0.13	0.16	0.11	0.10	-10.1%	-14.8%	0.1%
Sweden	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.3%	-2.0%	♦
Switzerland	0.01	0.01	^	^	^	^	^	^	^	^	^	♦	-6.0%	♦
Turkey	1.51	1.45	1.61	1.65	1.71	1.76	1.70	1.74	1.76	1.68	1.80	7.1%	1.8%	1.1%



Table 11.3 : Coal Consumption in major Coal Consuming Countries of the World

(Qty. in Exajoules)

Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Change 2024 over 2023	Average Growth Rate Per Annum 2014-24	2024 Share of Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Azerbaijan	^	^	^	^	^	^	^	^	^	^	^	♦	-29.0%	♦
Belarus	0.03	0.03	0.03	0.04	0.05	0.06	0.04	0.04	0.04	0.04	0.04	-1.3%	1.4%	♦
Kazakhstan	1.55	1.14	1.34	1.47	1.52	1.44	1.37	1.40	1.41	1.52	1.50	-2.1%	-0.4%	0.9%
Russian Federation	3.67	3.86	3.74	3.51	3.63	3.57	3.28	3.41	3.82	3.82	3.75	-2.0%	0.2%	2.3%
Uzbekistan	0.07	0.05	0.06	0.06	0.09	0.08	0.10	0.09	0.11	0.16	0.18	8.8%	10.4%	0.1%
Other CIS	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.09	0.08	0.09	13.1%	2.5%	0.1%
<b>Total CIS</b>	<b>5.39</b>	<b>5.17</b>	<b>5.25</b>	<b>5.16</b>	<b>5.38</b>	<b>5.23</b>	<b>4.87</b>	<b>5.04</b>	<b>5.47</b>	<b>5.62</b>	<b>5.55</b>	<b>-1.5%</b>	<b>0.3%</b>	<b>3.4%</b>
Iran	0.04	0.05	0.04	0.04	0.06	0.07	0.08	0.07	0.08	0.07	0.07	1.9%	5.7%	♦
Israel	0.28	0.27	0.23	0.21	0.20	0.21	0.18	0.16	0.16	0.13	0.11	-12.8%	-8.7%	0.1%
Kuwait	0.01	0.01	0.01	0.01	0.01	0.01	^	^	^	^	^	♦	-8.1%	♦
Oman	^	^	^	^	^	^	^	^	0.01	^	^	30.8%	12.7%	♦
Qatar	^	^	^	^	^	^	^	^	^	^	^	15.6%	-10.8%	♦
Saudi Arabia	0.01	^	^	^	^	^	^	^	^	0.01	0.01	10.8%	0.8%	♦
United Arab Emirates	0.08	0.07	0.08	0.09	0.08	0.07	0.09	0.11	0.10	0.10	0.11	7.3%	2.9%	0.1%
Other Middle East	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.03	0.04	0.05	17.8%	6.5%	♦
<b>Total Middle East</b>	<b>0.44</b>	<b>0.42</b>	<b>0.38</b>	<b>0.38</b>	<b>0.37</b>	<b>0.38</b>	<b>0.37</b>	<b>0.37</b>	<b>0.37</b>	<b>0.35</b>	<b>0.35</b>	<b>0.5%</b>	<b>-2.2%</b>	<b>0.2%</b>
Algeria	0.01	0.01	^	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	-17.7%	-1.8%	♦
Egypt	0.02	0.03	0.05	0.05	0.09	0.08	0.03	0.05	0.04	0.05	0.07	39.9%	15.5%	♦
Morocco	0.17	0.19	0.18	0.19	0.22	0.28	0.29	0.31	0.31	0.29	0.27	-9.3%	4.6%	0.2%
South Africa	3.75	3.52	3.78	3.72	3.53	3.76	3.68	3.59	3.38	3.44	3.51	1.9%	-0.6%	2.1%
Eastern Africa	0.24	0.21	0.16	0.20	0.22	0.19	0.20	0.22	0.25	0.29	0.29	1.8%	2.0%	0.2%
Middle Africa	^	^	^	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	-7.7%	39.9%	♦
Western Africa	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.09	0.07	-18.3%	10.6%	♦
Other Northern Africa	-	-	-	-	^	^	^	^	^	^	^	♦	-	♦
Other Southern Africa	0.06	0.06	0.06	0.07	0.07	0.06	0.05	0.06	0.06	0.06	0.06	4.2%	-0.4%	♦
<b>Total Africa</b>	<b>4.27</b>	<b>4.04</b>	<b>4.29</b>	<b>4.29</b>	<b>4.21</b>	<b>4.46</b>	<b>4.32</b>	<b>4.34</b>	<b>4.14</b>	<b>4.25</b>	<b>4.30</b>	<b>1.0%</b>	<b>0.1%</b>	<b>2.6%</b>
Australia	1.88	1.95	1.94	1.88	1.83	1.75	1.69	1.63	1.54	1.51	1.52	0.8%	-2.1%	0.9%
Bangladesh	0.03	0.11	0.08	0.09	0.10	0.17	0.19	0.15	0.20	0.29	0.32	8.8%	25.3%	0.2%
China	82.10	80.38	78.03	78.90	80.47	82.52	84.25	87.54	87.83	90.65	92.16	1.4%	1.2%	55.8%
China Hong Kong SAR	0.34	0.28	0.28	0.26	0.27	0.26	0.14	0.15	0.15	0.15	0.13	-14.8%	-9.5%	0.1%
India	15.84	16.17	16.52	17.05	17.93	17.96	16.97	19.27	20.02	22.09	22.97	3.7%	3.8%	13.9%
Indonesia	1.69	1.92	1.96	2.04	2.36	2.88	2.76	2.75	4.38	4.32	4.72	9.0%	10.8%	2.9%
Japan	4.99	5.03	5.02	5.10	4.99	4.91	4.57	4.93	4.92	4.54	4.53	-0.4%	-1.0%	2.7%
Malaysia	0.64	0.73	0.78	0.87	0.93	0.88	1.04	0.96	0.99	1.03	1.08	5.1%	5.4%	0.7%
New Zealand	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.07	0.05	0.04	0.05	29.1%	-1.1%	♦
Pakistan	0.24	0.24	0.26	0.34	0.48	0.51	0.57	0.64	0.54	0.47	0.41	-11.7%	5.8%	0.3%
Philippines	0.45	0.49	0.55	0.65	0.68	0.73	0.73	0.79	0.80	0.89	0.98	9.3%	8.2%	0.6%
Singapore	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.01	0.01	-10.6%	-2.5%	♦
South Korea	3.57	3.58	3.49	3.70	3.81	3.59	3.18	3.27	3.15	3.04	2.85	-6.5%	-2.2%	1.7%
Sri Lanka	0.04	0.05	0.05	0.06	0.05	0.06	0.07	0.07	0.07	0.06	0.07	17.7%	6.1%	♦
Taiwan	1.70	1.65	1.67	1.70	1.70	1.67	1.56	1.68	1.58	1.49	1.43	-4.5%	-1.7%	0.9%
Thailand	0.75	0.73	0.75	0.75	0.80	0.71	0.76	0.78	0.71	0.60	0.61	1.3%	-2.0%	0.4%
Vietnam	0.87	1.10	1.19	1.19	1.58	2.09	2.20	2.09	1.93	2.28	2.50	9.3%	11.1%	1.5%
Other Asia Pacific	0.62	0.57	0.67	1.15	1.13	1.26	1.23	1.10	1.15	1.27	1.28	0.4%	7.6%	0.8%
<b>Total Asia Pacific</b>	<b>115.81</b>	<b>115.06</b>	<b>113.33</b>	<b>115.80</b>	<b>119.21</b>	<b>122.04</b>	<b>121.98</b>	<b>127.87</b>	<b>130.02</b>	<b>134.74</b>	<b>137.63</b>	<b>1.9%</b>	<b>1.7%</b>	<b>83.4%</b>
<b>Total World</b>	<b>161.68</b>	<b>157.30</b>	<b>153.96</b>	<b>155.61</b>	<b>158.03</b>	<b>157.06</b>	<b>152.34</b>	<b>160.71</b>	<b>161.74</b>	<b>163.15</b>	<b>165.06</b>	<b>0.9%</b>	<b>0.2%</b>	<b>100.0%</b>
of which: OECD	43.01	40.22	38.08	37.81	36.58	32.43	27.73	30.23	29.24	25.39	24.40	-4.1%	-5.5%	14.8%

**Table 11.3 : Coal Consumption in major Coal Consuming Countries of the World**

(Qty. in Exajoules)

Countries	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Change 2024 over 2023	Average Growth Rate Per Annum 2014-24	2024 Share of Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Non-OECD	118.68	117.08	115.89	117.81	121.45	124.63	124.61	130.48	132.50	137.76	<b>140.66</b>	1.8%	1.7%	85.2%
European Union #	10.02	9.99	9.59	9.47	9.08	7.31	6.03	6.89	6.89	5.34	<b>4.71</b>	-12.1%	-7.3%	2.9%

\* Commercial solid fuels only, i.e. bituminous c n/a not available.

Excludes coal converted to liquid or gaseous fuels, but includes coal consumed in transformation processes.

^ Less than 0.005.      ♦ Less than 0.05%      n/a not available.

# Excludes Estonia, Latvia and Lithuania prior to 1985 and Croatia and Slovenia prior to 1990.

Notes: Differences between these consumption figures and the world production statistics are accounted for by stock changes, and unavoidable disparities in the definition, measurement or conversion of coal supply and demand data.

Annual changes and share of total are calculated using exajoules figures. Growth rates are adjusted for leap years.

**Source: International Energy Agency & BP Stats**

**Table 11.4 : Trend of World Coal Prices upto 2024**

(in USD/ Tonne)

Year	United States <sup>1</sup>	Colombia <sup>2</sup>	Northwest Europe <sup>3</sup>	South Africa <sup>4</sup>	Indonesia <sup>5</sup>	South China <sup>6</sup>	Japan <sup>7</sup>	Australia <sup>8</sup>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1987	-	-	31.3	-	-	-	-	-
1988	-	-	39.9	-	-	-	-	-
1989	-	-	42.1	-	-	-	-	-
1990	31.59	-	43.5	-	-	-	-	-
1991	29.01	-	42.8	-	-	-	-	-
1992	28.53	-	38.5	-	-	-	-	-
1993	29.85	-	33.7	-	-	-	-	-
1994	31.72	-	37.2	-	-	-	-	-
1995	27.01	-	44.5	-	-	-	-	-
1996	29.86	-	41.3	-	-	-	-	-
1997	29.76	-	38.9	-	-	-	-	-
1998	31.00	-	32	-	-	-	-	-
1999	31.29	-	28.79	-	-	-	-	-
2000	29.90	-	35.99	-	-	27.52	-	-
2001	50.15	-	39.03	-	-	31.78	37.69	-
2002	33.20	-	31.65	-	-	33.19	31.47	-
2003	38.52	-	43.60	-	-	31.74	39.61	-
2004	64.90	-	72.13	-	-	42.76045874	74.22	-
2005	70.12	-	60.54	-	-	51.34153568	64.62308333	-
2006	57.82	-	64.11	-	-	53.53	65.22	-
2007	49.73	-	88.79	-	-	61.23	95.59	-
2008	117.42	-	147.67	-	-	104.97	157.88	-
2009	60.73	-	70.39	-	-	87.86	83.59	-
2010	67.87	59.21	92.50	-	-	110.08	108.47	-
2011	84.75	79.73	121.48	-	-	127.27	126.13	-
2012	67.28	65.02	92.50	-	-	111.89	100.30	-
2013	69.72	54.18	81.69	-	-	95.42	90.07	-
2014	67.08	50.25	75.38	62.80	-	84.12	76.13	-
2015	51.57	47.31	56.79	47.48	-	67.53	60.10	-
2016	51.45	52.62	60.09	53.04	-	71.35	71.66	-
2017	63.83	68.75	84.51	71.59	-	94.72	96.02	-
2018	72.84	72.76	91.83	78.03	-	99.45	112.73	71.13
2019	57.16	51.26	60.17	55.67	50.53	35.20	73.57	54.24
2020	42.77	45.16	50.13	48.30	45.22	30.64	61.03	44.75
2021	68.54	100.39	122.60	96.49	95.22	124.70	114.59	83.26
2022	157.57	248.37	291.28	212.99	127.65	177.78	214.57	174.49
2023	73.59	99.87	129.54	99.66	84.61	120.65	130.25	103.59
2024	77.67	82.90	112.00	88.41	73.52	102.00	115.39	89.41

<sup>1</sup>Source: S&P Global Commodity Insights, ©2025 by S&P Global Inc. Prices are for CAPP 12,500 Btu, 1.2 SO<sub>2</sub> coal, FOB to 2023. From 2024, NAPP FOB Baltimore 6,900 kcal/kg NAR)

<sup>2</sup>Source: S&P Global Commodity Insights, ©2025 by S&P Global Inc 6,000 kcal/kg NAR FOB

<sup>3</sup>Source: IHS Northwest Europe prices for 1990-2000 average monthly marker prices, 2001-2018 average weekly prices. From 2019, monthly average of S&P Global Commodity Insights, ©2025 by S&P Global Inc Thermal Coal CIF ARA 6,000 kcal/kg NAR

<sup>4</sup>Source: S&P Global Commodity Insights, ©2025 by S&P Global Inc FOB Richards Bay 5500 kcal/kg NAR 7-45 Day \$/mt

<sup>5</sup>Source: S&P Global Commodity Insights, ©2025 by S&P Global Inc FOB Kalimantan 5,000 kcal/kg GAR

<sup>6</sup>South China prices are the average monthly price for 2000-2005, weekly prices 2006 -2018, from 2019 monthly average of S&P Global Commodity Insights, ©2025 by S&P Global Inc CFR South China 5,500 kilocalories per kilogram NAR.

<sup>7</sup>Source: 2001-2018 IHS Japan prices basis = 6,000 kilocalories per kilogram NAR CIF. From 2019, monthly average of S&P Global Commodity Insights, ©2025 by S&P Global Inc NEAT 5,750 kcal/kg NAR

<sup>8</sup>Source: S&P Global Commodity Insights, ©2025 by S&P Global Inc FOB Newcastle High Ash 5500 kcal/kg NAR 7-45 Day \$/mt

<sup>9</sup>Source: S&P Global Commodity Insights, ©2025 by S&P Global Inc Uranium U3O8 Spot Canada Mo01 \$/lb

**Note: NAPP = North Appalachian, CIF = cost+insurance+freight (average prices); FOB = Free on Board, NAR = Net As Received, CFR = Cost+Freight**

**Source:International Energy Agency & BP Stats**

Table 11.5 : Production of Coal, Coke and Lignite by major Coal Producing Countries during 2023 &amp; 2024 p

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Mexico	0.53	0.00	5.20	0.03		0.53	0.00	5.14	0.02	
Canada	31.19	7.60	3.04	6.94	2.05	31.55	7.84	0.06	7.45	1.84
United States	59.91	181.13	245.92	37.08	10.19	64.58	154.55	209.83	31.64	9.73
<b>North America</b>	<b>91.624</b>	<b>188.731</b>	<b>254.150</b>	<b>44.043</b>	<b>12.247</b>	<b>96.650</b>	<b>162.391</b>	<b>215.031</b>	<b>39.117</b>	<b>11.570</b>
Bolivarian Republic of Venezuela		0.31					0.31			
Peru		0.19					0.19			
Chile		0.04			0.32		0.02			0.25
Argentina		0.10			1.21		0.00			0.94
Brazil			3.16	3.32	8.98			2.83	3.16	9.48
Colombia	7.70	56.61			3.76	8.19	49.87			4.08
<b>South America</b>	<b>7.699</b>	<b>57.255</b>	<b>3.163</b>	<b>3.322</b>	<b>14.269</b>	<b>8.189</b>	<b>50.405</b>	<b>2.833</b>	<b>3.159</b>	<b>14.740</b>
Armenia				0.00					0.00	
Estonia					0.01					0.01
Norway		0.12					0.12			
Georgia				0.15					0.18	
Albania		0.26		0.22			0.19		0.06	
Finland					0.81					0.79
Sweden					1.04					1.08
Belgium					1.26					1.28
Austria					1.29					1.27
Spain					1.28					1.26
United Kingdom	0.16	0.35			0.52	0.00	0.11			0.10
Italy					1.22					1.32
Montenegro				1.86					1.62	
Netherlands					1.76					1.71
Slovak Republic				0.76	1.55					1.40
Slovenia				2.57					2.17	
Hungary				4.07	0.22				3.89	0.08
Kosovo				6.92					8.07	
Greece				10.77					6.32	
Bosnia and Herzegovina				13.07	0.77				11.80	0.53
Romania				14.75					12.59	
Ukraine	3.41	17.00			2.70	2.77	17.00			
Bulgaria				20.97					14.99	
Serbia				31.94					31.25	
Czech Republic	0.52	0.85		28.66	1.91	0.61	0.74		23.68	1.37
Poland	11.92	36.43		40.10	8.00	11.30	32.65		40.97	7.61
Germany				102.25	7.49				91.94	8.48
Russian Federation	105.96	238.93		72.56	52.12	107.99	240.84		73.14	
<b>Europe</b>	<b>121.973</b>	<b>293.933</b>	<b>0.000</b>	<b>351.629</b>	<b>83.961</b>	<b>122.670</b>	<b>291.649</b>	<b>0.000</b>	<b>322.677</b>	<b>28.267</b>
New Zealand	1.11	0.20	1.02	0.28	0.41	1.02	0.19	1.06	0.24	0.41
Australia	166.77	210.75	22.27	38.97	2.14	131.29	274.73	21.47	40.25	1.70



Table 11.5 : Production of Coal, Coke and Lignite by major Coal Producing Countries during 2023 &amp; 2024 p

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Algeria					0.00					
Other Africa		0.07					0.07			
Egypt					0.09					
Niger				0.19					0.19	
Kingdom of Eswatini		0.35					0.35			
Ethiopia		1.07					1.07			
Nigeria		1.22					1.26			
United Republic of Tanzania		2.46					1.86			
Zambia		2.02					2.02			
Botswana		2.06					2.45			
Zimbabwe	1.07	3.82			0.83	1.25	4.44			
Republic of North Macedonia				3.99					3.23	
Mozambique	7.21	7.76				9.58	6.61			
South Africa	4.77	226.91			1.52	4.82	229.21			
<b>Africa</b>	<b>13.055</b>	<b>247.757</b>	<b>0.000</b>	<b>4.188</b>	<b>2.442</b>	<b>15.643</b>	<b>249.350</b>	<b>0.000</b>	<b>3.428</b>	<b>0.000</b>
Nepal		0.00					0.00			
Cambodia				0.03					0.03	
Bangladesh		0.77					0.91			
Myanmar			0.80	1.94				0.80	1.94	
Other Asia		2.43			0.07		2.43			
Tajikistan		2.27		0.14			2.27		0.14	
Islamic Republic of Iran	1.97	0.20			1.69	1.79	0.18			
Chinese Taipei					5.21					
Malaysia		3.17					3.33			
Kyrgyzstan		0.91		3.26			0.76		3.63	
Uzbekistan		0.22		5.09			0.22		5.09	
Pakistan		3.52		14.03			4.63		14.38	
Thailand				12.81					12.81	
Philippines			14.75					14.94		
Korea		0.65			15.43		0.54			15.31
Lao People's Democratic Republic		1.27		15.36			1.27		16.75	
Democratic People's Republic of Korea		21.49	1.52				21.49	1.52		
Japan		0.62			27.05		0.52			25.45
Viet Nam	0.15	47.11			4.92	0.15	44.65			
Mongolia	62.48	10.16		12.95	0.06	75.77	12.33		15.70	
Republic of Turkiye	0.46	0.61	1.31	71.87	3.84	0.53	0.78	1.14	76.54	4.75
Kazakhstan	3.60	101.18		5.24	2.31	4.14	97.19		4.24	2.69
Indonesia	6.08	85.17	683.93		3.21	6.55	91.85	737.59		
India	60.64	931.01		42.92	51.33	60.34	977.52		45.29	

Table 11.5 : Production of Coal, Coke and Lignite by major Coal Producing Countries during 2023 & 2024 p

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
People's Republic of China	545.04	3817.03			492.10	519.00	3883.50			
<b>Asia</b>	<b>680.408</b>	<b>5029.789</b>	<b>702.305</b>	<b>185.640</b>	<b>607.218</b>	<b>668.275</b>	<b>5146.368</b>	<b>755.988</b>	<b>196.548</b>	<b>48.202</b>
<b>World Total</b>	<b>1082.637</b>	<b>6028.411</b>	<b>982.901</b>	<b>628.064</b>	<b>722.690</b>	<b>1043.737</b>	<b>6175.076</b>	<b>996.387</b>	<b>605.418</b>	<b>104.891</b>

Source: International Energy Agency & BP Stats

Table 11.6 : Import of Coal, Coke and Lignite by major Coal Importing Countries during 2023 &amp; 2024 p

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
El Salvador					0.00					
Cuba		0.00			0.00		0.00			
Costa Rica		0.00					0.00			
Jamaica							0.04			
Guatemala		1.34					1.46			
Honduras		0.03					0.03			
Panama		0.74					0.74			
Dominican Republic		2.97					3.23			
United States	0.65	1.80	1.14	0.06	0.19	0.64	0.70	0.44	0.06	0.12
Canada	3.46	2.47	0.09	0.00	1.02	2.65	2.08	0.65	0.00	1.24
Mexico	0.66	9.55		0.00	0.72	0.05	8.79		0.00	0.69
<b>North America</b>	<b>4.771</b>	<b>18.907</b>	<b>1.226</b>	<b>0.066</b>	<b>1.928</b>	<b>3.340</b>	<b>17.065</b>	<b>1.092</b>	<b>0.069</b>	<b>2.039</b>
Other Non-OECD Americas		0.00			0.00		0.00			
Colombia	0.02	0.03			0.02		0.00			
Paraguay		0.00					0.00			
Uruguay		0.00			0.00		0.01			
Plurinational State of Bolivia		0.01					0.02			
Peru		0.43					0.30			
Argentina	1.08	0.23				0.84	0.15			
Chile	0.36	5.15	0.00		0.00	0.28	5.08	0.00		
Brazil	9.52	4.97	0.09		2.26	10.04	7.81	0.09		1.74
<b>South America</b>	<b>10.983</b>	<b>10.832</b>	<b>0.092</b>	<b>0.000</b>	<b>2.287</b>	<b>11.163</b>	<b>13.374</b>	<b>0.092</b>	<b>0.000</b>	<b>1.739</b>
Estonia		0.01					0.00			0.00
Portugal		0.00			0.00		0.00			0.01
Armenia	0.00	0.02			0.00	0.00	0.03			
Kosovo		0.02		0.02			0.01		0.08	
Latvia		0.02					0.01			
Luxembourg		0.03			0.00		0.03			0.00
Cyprus			0.02					0.02		
Greece		0.05					0.04			
Republic of Moldova		0.09	0.00				0.08			
Albania		0.13					0.21			
Switzerland		0.03		0.08	0.01		0.02		0.08	0.00
Iceland		0.13			0.01		0.12			0.01
Georgia		0.14			0.08		0.11			0.10
Lithuania		0.12	0.02	0.00	0.01		0.13		0.00	0.01
Slovenia		0.00	0.42		0.02		0.01	0.01		0.02
Hungary	0.32	0.05		0.04	0.01	0.10	0.06		0.02	0.01
Croatia		0.61		0.01	0.03		0.28		0.00	0.03

**Table 11.6 : Import of Coal, Coke and Lignite by major Coal Importing Countries during 2023 & 2024 p**

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Romania	0.01	0.02	0.26	0.02	0.34	0.00	0.02	0.31	0.01	0.26
Bulgaria		0.47			0.17		0.26			0.20
Ireland		0.61					0.25			
Norway		0.69			0.35		0.66			0.39
Bosnia and Herzegovina	1.01	0.09		0.03	0.09	0.69	0.09		0.02	0.15
Denmark		1.29			0.01		0.43			0.01
Belarus		1.79			0.03		1.79			
Sweden	1.38	0.56			0.10	1.44	0.76			0.11
Slovak Republic	2.43	0.38		0.41	0.16	2.32	0.35		0.15	0.13
Finland	1.10	0.57			0.26	1.17	0.54			0.27
Belgium	1.77	0.99	0.00		0.52	1.64	1.37			0.33
Austria	1.81	0.65	0.04	0.00	1.01	1.69	0.61	0.03	0.01	1.01
Serbia		0.21		4.32	0.51		0.18		2.64	0.44
Czech Republic	2.15	1.59		0.00	0.30	1.86	0.98		0.00	0.26
Ukraine	0.44	0.67			0.33	1.20	1.81			
United Kingdom	1.34	2.14			1.63	0.19	1.56			1.34
Netherlands	3.64	2.85		0.02	0.04	3.82	2.41		0.02	0.11
France		5.98		0.02	0.72		4.63		0.02	0.84
Spain	2.01	4.66			0.27	1.59	2.38			0.39
Italy	1.69	5.43			0.28	1.73	1.78			0.11
Poland	2.16	14.74		0.25	0.12	1.91	6.22		0.16	0.18
Russian Federation	0.58	21.22			0.22	0.73	19.04			
Germany	11.50	18.79		0.03	2.64	11.19	13.63		0.03	2.52
<b>Europe</b>	<b>35.329</b>	<b>87.821</b>	<b>0.770</b>	<b>5.258</b>	<b>10.287</b>	<b>33.284</b>	<b>62.876</b>	<b>0.358</b>	<b>3.248</b>	<b>9.232</b>
New Zealand		0.04	0.20				0.07	0.94		
Australia	0.11	0.04			0.41	0.02	0.06			0.53
<b>Australia and Oceania</b>	<b>0.106</b>	<b>0.074</b>	<b>0.202</b>	<b>0.000</b>	<b>0.411</b>	<b>0.023</b>	<b>0.134</b>	<b>0.940</b>	<b>0.000</b>	<b>0.532</b>
Zimbabwe		0.00								
Namibia		0.02					0.03			
Kingdom of Eswatini		0.12					0.12			
Rwanda			0.09					0.09		
Algeria					0.26					
Benin		0.17					0.17			
Uganda		0.20					0.20			
Zambia		0.22					0.22			
Madagascar		0.47					0.47			
Senegal		0.13					0.07			
Ethiopia		0.45					0.45			

**Table 11.6 : Import of Coal, Coke and Lignite by major Coal Importing Countries during 2023 & 2024 p**

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Mauritius		0.61					0.74			
Other Africa		0.76					0.50			
Republic of North Macedonia		0.02	0.01	1.34	0.00		0.00		1.04	0.00
Kenya		1.45					1.77			
South Africa	0.61	3.32				0.38	2.12			
Egypt	0.11	3.15			0.48	0.07	4.28			
Morocco		10.16					9.32			
<b>Africa</b>	<b>0.722</b>	<b>21.268</b>	<b>0.098</b>	<b>1.336</b>	<b>0.741</b>	<b>0.450</b>	<b>20.472</b>	<b>0.092</b>	<b>1.041</b>	<b>0.001</b>
Myanmar		0.06		0.00			0.06			
Syrian Arab Republic		0.01			0.00		0.01			
Democratic People's Republic of Korea					0.06					
Mongolia				0.02					0.01	
Yemen		0.17					0.38			
Tajikistan		0.09					0.09			
Lebanon		0.18					0.18			
Jordan		0.17					0.17			
Singapore		0.55					0.49			
Kazakhstan	0.28	0.05		0.00	0.55	0.64	0.38		0.00	0.63
Kyrgyzstan		1.14		0.02			0.56		0.01	
Other Asia		1.11			0.08		1.11			
Brunei Darussalam				1.26					1.31	
Islamic Republic of Iran	0.09	0.58			0.83	0.03	0.21			
Nepal		1.57					1.27			
United Arab Emirates	0.22	1.79			0.01	0.27	2.49			
Sri Lanka		1.96					0.83			
Uzbekistan		1.77		3.66			1.85		2.37	
Cambodia			5.57					6.10		
Bangladesh		7.10					12.70			
Israel		4.89					4.75			
Hong Kong (China)		5.88					4.77			
Indonesia	14.46				2.47	18.30				
Pakistan		7.60					6.76			
Thailand		18.85		0.17	0.04		19.53		0.08	
Viet Nam	6.57	24.31	18.74		0.73	7.52	30.59	19.38		
Philippines			36.89					41.63		
Malaysia		32.35			1.78		36.84			
Republic of Turkiye	4.53	35.67			0.91	5.48	35.25			1.45
Chinese Taipei	5.90	41.80	10.32		0.15	5.97	40.87	10.14		

**Table 11.6 : Import of Coal, Coke and Lignite by major Coal Importing Countries during 2023 & 2024 p**

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Korea	22.23	95.34	1.89		0.23	24.96	88.63	1.99		0.20
Japan	39.68	124.04			0.92	37.87	123.57			0.90
India	58.25	66.28	121.12	0.01	3.96	55.05	62.94	115.02	0.01	
People's Republic of China	101.82	372.51			0.51	122.25	420.53			
<b>Asia</b>	<b>254.011</b>	<b>847.833</b>	<b>194.535</b>	<b>5.133</b>	<b>13.224</b>	<b>278.351</b>	<b>897.832</b>	<b>194.254</b>	<b>3.790</b>	<b>3.192</b>
<b>World</b>	<b>305.921</b>	<b>986.734</b>	<b>196.922</b>	<b>11.794</b>	<b>28.878</b>	<b>326.612</b>	<b>1011.753</b>	<b>196.830</b>	<b>8.148</b>	<b>16.735</b>

Source: International Energy Agency & BP Stats

Table 11.7 : Export of Coal, Coke and Lignite by major Exporting Countries During 2023 &amp; 2024 p

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Mexico		0.004			0.001		0.004			
Canada	30.629	7.864	0.030	0.062	0.183	28.859	6.801	0.032	0.074	0.042
United States	46.341	40.196	4.340	0.031	1.373	51.591	41.510	4.481	0.011	1.393
<b>North America</b>	<b>76.970</b>	<b>48.063</b>	<b>4.369</b>	<b>0.093</b>	<b>1.557</b>	<b>80.450</b>	<b>48.314</b>	<b>4.513</b>	<b>0.085</b>	<b>1.436</b>
Chile					0.040					0.064
Bolivarian Republic of Venezuela		0.233					0.309			
Peru		0.079					0.082			
Colombia	2.009	54.532			3.527	1.722	58.922			3.957
<b>South America</b>	<b>2.009</b>	<b>54.844</b>	<b>0.000</b>	<b>0.000</b>	<b>3.567</b>	<b>1.722</b>	<b>59.313</b>	<b>0.000</b>	<b>0.000</b>	<b>4.021</b>
Portugal										
Austria							0.011		0.000	0.000
Armenia							0.000			
Georgia				0.000					0.000	
Croatia							0.023			
Switzerland		0.000			0.000		0.000			0.000
Denmark		0.010					0.013			
Ukraine					0.003					
Latvia		0.000								
Estonia					0.006					
Slovak Republic					0.013					0.001
Serbia				0.017					0.021	
France					0.003					0.112
Sweden		0.007			0.023					0.050
Kosovo				0.130						
Norway		0.060					0.111			
Finland		0.052			0.061					0.042
Hungary				0.014	0.102				0.002	0.126
Belgium		0.156	0.003		0.024		0.066	0.005		0.011
Greece				0.798					0.741	
Montenegro				0.205					0.194	
Netherlands					0.405					0.053
Romania				0.253	0.001				0.188	
Albania		0.131		0.215			0.105		0.064	
Italy					0.239					0.345
United Kingdom	0.007	0.724				0.143	0.939			
Bulgaria				1.091					0.006	
Belarus		1.065					1.015			
Bosnia and Herzegovina		0.002		0.943	0.356				0.894	0.252
Germany	0.148	0.638			0.545	0.096	0.950			0.962

Table 11.7 : Export of Coal, Coke and Lignite by major Exporting Countries During 2023 &amp; 2024 p

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Czech Republic	0.407	0.368		0.560	0.599	0.540	0.725		0.210	0.589
Spain	0.079	3.702			0.124		0.974			0.099
Poland	3.226	1.498		0.000	6.861	2.658	1.843		0.002	5.845
Russian Federation	32.181	141.313		15.579	0.793	37.105	130.440		14.381	
<b>Europe</b>	<b>36.048</b>	<b>149.726</b>	<b>0.003</b>	<b>19.805</b>	<b>10.157</b>	<b>40.542</b>	<b>137.214</b>	<b>0.005</b>	<b>16.701</b>	<b>8.488</b>
New Zealand	1.062	0.138	0.023			0.925	0.164	0.012		
Australia	155.695	182.723			0.526	150.712	205.019			0.643
<b>Australia &amp; Oceania</b>	<b>156.757</b>	<b>182.861</b>	<b>0.023</b>	<b>0.000</b>	<b>0.526</b>	<b>151.638</b>	<b>205.184</b>	<b>0.012</b>	<b>0.000</b>	<b>0.643</b>
Republic of North Macedonia				0.058						
Zambia		0.157					0.157			
Kingdom of Eswatini		0.354					0.354			
Zimbabwe		0.492			0.588		0.487			
Botswana		0.857					0.898			
Nigeria		0.169					0.169			
United Republic of Tanzania		1.602					0.996			
Mozambique	7.207	7.757				9.578	6.609			
South Africa	2.850	70.440				1.749	68.140			
<b>Africa</b>	<b>10.056</b>	<b>81.828</b>	<b>0.000</b>	<b>0.058</b>	<b>0.588</b>	<b>11.327</b>	<b>77.808</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Hong Kong (China)		0.000								
Chinese Taipei		0.001			0.048					
Uzbekistan		0.019		0.015			0.019		0.015	
Thailand		0.095					0.101			
Islamic Republic of Iran	0.135	0.043			0.038	0.074	0.024			
Other Asia		0.810			0.071		0.810			
Tajikistan		0.154					0.154			
Japan		0.003			0.485		0.002			1.225
Republic of Turkiye	0.000	0.406		0.011	0.238	0.003	0.344		0.032	0.124
Viet Nam		0.807			0.000		0.679			
Lao People's Democratic Republic		0.792		0.373			0.296		0.148	
India	0.112	1.434			0.137	0.111	1.506			
Kyrgyzstan		1.265		0.954			1.166		0.500	
People's Republic of China	0.367	4.070			8.790	0.726	5.921			
Philippines			8.030					8.370		
Kazakhstan	0.345	28.040		2.710	0.020	0.725	26.944		1.664	0.013

**Table 11.7 : Export of Coal, Coke and Lignite by major Exporting Countries During 2023 & 2024 p**

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Mongolia	45.829	7.023		0.144		48.295	11.457		0.173	
Indonesia	6.078	69.676	447.190		1.575	6.451	73.947	474.602		
<b>Asia</b>	<b>52.867</b>	<b>114.639</b>	<b>455.220</b>	<b>4.206</b>	<b>11.402</b>	<b>56.385</b>	<b>123.369</b>	<b>482.972</b>	<b>2.532</b>	<b>1.362</b>
<b>World Total</b>	<b>334.708</b>	<b>631.961</b>	<b>459.616</b>	<b>24.163</b>	<b>27.797</b>	<b>342.065</b>	<b>651.202</b>	<b>487.503</b>	<b>19.318</b>	<b>15.950</b>
<b>Source:International Energy Agency &amp; BP Stats</b>										

Table 11.8 : Domestic Supply of Coal, Coke and Lignite by major Countries during 2023 &amp; 2024 p

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Canada	3.718	2.254	3.596	7.278	2.893	5.335	3.115	0.677	7.380	3.038
Costa Rica		0.000					0.000			
Cuba		0.000			0.001		0.000			
Dominican Republic		2.916					3.232			
El Salvador					0.000					
Honduras		0.029					0.032			
Guatemala		1.038					1.459			
Jamaica		0.003					0.038			
Mexico	1.188	9.553	6.010	0.080	0.716	0.574	8.784	5.141	0.029	0.688
Panama		0.826					0.737			
United States	14.287	127.650	213.544	37.163	9.144	13.631	117.720	209.768	31.693	8.448
<b>North America</b>	<b>19.193</b>	<b>144.268</b>	<b>223.150</b>	<b>44.521</b>	<b>12.755</b>	<b>19.540</b>	<b>135.117</b>	<b>215.587</b>	<b>39.101</b>	<b>12.174</b>
Argentina	1.078	0.241			1.210	0.842	0.209			0.945
Bolivarian Republic of Venezuela		0.082					0.006			
Brazil	9.590	5.662	3.255	3.322	10.394	10.116	6.647	2.925	3.159	10.869
Chile	0.430	5.570	0.000		0.248	0.281	5.107	0.000		0.181
Colombia	5.713	5.433			0.256	6.467	6.471			0.118
Other Americas										
Paraguay		0.001					0.001			
Peru		0.970					0.842			
Plurinational State of Bolivia		0.009					0.018			
Uruguay		0.003			0.000		0.006			
<b>South America</b>	<b>16.812</b>	<b>17.971</b>	<b>3.255</b>	<b>3.322</b>	<b>12.108</b>	<b>17.705</b>	<b>19.306</b>	<b>2.925</b>	<b>3.159</b>	<b>12.113</b>
Albania		0.253		0.002			0.299		0.000	
Armenia	0.001	0.021		0.000	0.000	0.001	0.026		0.000	
Austria	1.712	0.656	0.044	0.004	2.318	1.735	0.599	0.029	0.013	2.256
Belarus		0.720			0.034		0.770			
Belgium	1.709	1.039	0.107		1.571	1.718	1.275	0.111		1.730
Bosnia and Herzegovina	1.054	0.103		11.862	0.459	0.721	0.120		11.596	0.462
Bulgaria		0.576		19.811	0.155		0.504		15.513	0.215
Croatia		0.550		0.005	0.028		0.335		0.004	0.030
Cyprus		0.040	0.008					0.023		
Czech Republic	2.464	1.709		26.730	1.614	1.865	1.441		24.540	1.080
Denmark		1.174			0.009		0.761			0.008
Estonia		0.005					0.003			0.005
Finland	1.211	1.233			1.041	1.097	0.788			1.007
France		6.065		0.022	2.892		5.592		0.017	2.774
Georgia		0.130		0.162	0.091		0.118		0.163	0.079
Germany	11.347	17.649		102.111	9.610	11.095	13.985		91.914	9.821



Table 11.8 : Domestic Supply of Coal, Coke and Lignite by major Countries during 2023 &amp; 2024 p

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Namibia		0.024					0.034			
Niger				0.194					0.194	
Nigeria		1.054					1.093			
Other Africa		0.823					0.567			
Republic of North Macedonia		0.023	0.026	5.288	0.001		0.004	0.004	4.454	0.001
Rwanda			0.092					0.092		
Senegal		0.133					0.067			
South Africa	2.529	159.791			1.517	3.447	163.192			
Uganda		0.202					0.202			
United Republic of Tanzania		0.857					0.860			
Zambia		2.083					2.083			
Zimbabwe	1.074	3.333			0.239	1.249	3.958			
<b>Africa</b>	<b>3.721</b>	<b>187.899</b>	<b>0.119</b>	<b>5.482</b>	<b>2.591</b>	<b>4.773</b>	<b>192.416</b>	<b>0.096</b>	<b>4.647</b>	<b>0.001</b>
Bangladesh		7.870					13.611			
Brunei Darussalam				1.259					1.308	
Cambodia			5.570	0.027				6.099	0.029	
Chinese Taipei	5.942	42.849	10.515		5.337	5.970	40.870	10.138		
Democratic People's Republic of Korea		21.488	1.516		0.057		21.488	1.516		
Hong Kong (China)		5.567					4.752			
India	115.962	981.197	121.123	42.600	55.147	109.577	1,046.157	115.024	45.296	
Indonesia	14.458	15.496	178.977		4.110	18.401	17.907	213.692		
Islamic Republic of Iran	1.919	0.731			2.478	1.751	0.364			
Israel		5.298					4.429			
Japan	39.682	124.665			27.730	37.874	124.086			25.345
Jordan		0.174					0.174			
Kazakhstan	3.323	73.337		1.673	2.905	3.879	71.798		1.833	3.706
Korea	23.056	96.659	1.891		15.694	23.809	88.746	1.986		15.489
Kyrgyzstan		0.577		2.239			0.152		3.146	
Lao People's Democratic Republic		0.479		14.884			0.975		16.602	
Lebanon		0.182					0.182			
Malaysia		35.524			1.783		40.167			
Mongolia	0.090	3.141		7.885	0.062	0.086	0.870		8.531	

**Table 11.8 : Domestic Supply of Coal, Coke and Lignite by major Countries during 2023 & 2024 p**

(Qty. in MT)

Country	2023					2024 p				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Myanmar		0.060	0.798	1.938			0.060	0.798	1.938	
Nepal		1.570					1.275			
Other Asia		2.749			0.077		2.749			
Pakistan		11.115		14.032			11.391		14.380	
People's Republic of China	643.850	4,220.734			477.504	639.501	4,307.781			
Philippines			42.774					46.025		
Republic of Turkiye	4.939	35.824	1.371	72.586	4.600	6.142	35.823	1.144	76.105	6.013
Singapore		0.546					0.488			
Sri Lanka		1.988					0.833			
Syrian Arab Republic		0.012			0.003		0.012			
Tajikistan		2.205		0.141			2.205		0.141	
Thailand		18.753		12.981	0.037		19.433		12.889	
United Arab Emirates	0.216	1.786			0.008	0.273	2.488			
Uzbekistan		1.975		9.120			2.055		7.448	
Viet Nam	6.718	67.701	18.741		5.647	7.671	71.812	19.378		
Yemen		0.172					0.376			
<b>Asia</b>	<b>860.156</b>	<b>5782.423</b>	<b>383.277</b>	<b>181.365</b>	<b>603.178</b>	<b>854.933</b>	<b>5935.512</b>	<b>415.799</b>	<b>189.647</b>	<b>50.553</b>
<b>World Total</b>	<b>1025.772</b>	<b>6401.904</b>	<b>634.283</b>	<b>607.994</b>	<b>713.684</b>	<b>1015.120</b>	<b>6543.679</b>	<b>658.681</b>	<b>592.088</b>	<b>108.313</b>
<b>Source:International Energy Agency &amp; BP Stats</b>										