

Table 114. World Metallurgical Coal Flows By Importing Regions and Exporting Countries 1,2/ (million short tons)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Metallurgical Coal Exports to Europe 3/</b>														
Australia	32.3	33.6	21.4	18.4	15.8	15.2	14.9	15.2	17.3	19.7	23.1	25.4	28.7	
United States	16.1	16.4	19.1	22.5	22.3	22.5	20.6	18.8	17.6	14.9	11.4	10.4	8.6	
South Africa	1.1	0.9	0.8	0.9	0.8	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	
Eurasia 4/	3.2	2.8	2.1	2.1	2.1	2.1	2.3	2.5	2.7	2.9	3.2	3.2	3.2	
Poland	1.4	1.0	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Canada	9.5	8.4	17.4	15.1	15.9	14.6	16.1	17.4	16.0	15.7	15.5	15.1	14.7	
China	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Vietnam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Indonesia 5/	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	
Total	63.8	63.6	62.0	60.1	58.5	57.0	56.5	56.1	55.6	55.3	55.1	56.0	57.0	
<b>Metallurgical Coal Exports to Asia 6/</b>														
Australia	92.9	94.9	103.5	107.7	111.9	116.1	119.1	122.2	125.2	128.3	131.4	133.2	135.1	
United States	3.7	1.5	1.1	1.1	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	
South Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Eurasia 4/	4.2	4.2	6.6	7.5	8.6	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Canada	15.4	14.7	11.5	12.3	13.6	14.5	15.5	16.1	18.2	19.2	20.1	20.5	20.9	
China	5.6	4.3	3.7	3.2	2.6	2.2	2.0	1.8	1.5	1.3	1.1	1.1	1.1	
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Vietnam	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Indonesia 5/	19.8	23.1	21.6	21.6	21.1	21.1	21.1	21.5	21.6	21.6	21.6	21.6	21.6	
Total	141.7	142.7	148.2	153.7	159.2	164.7	168.5	172.3	176.2	180.0	183.8	186.0	188.3	
<b>Metallurgical Coal Exports to America</b>														
Australia	9.1	8.6	8.4	9.2	9.7	7.4	9.3	10.9	11.0	11.1	11.1	11.3	11.5	
United States	8.1	9.4	11.9	12.5	13.4	14.1	14.2	14.1	14.2	14.3	14.5	14.6	14.7	
South Africa	0.1	0.1	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	
Eurasia 4/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Poland	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Canada	4.4	4.0	2.3	4.8	4.1	5.4	3.7	2.7	2.9	3.1	3.3	3.3	3.3	
China	4.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Vietnam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Indonesia 5/	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	21.9	22.3	23.1	27.1	27.8	27.5	27.9	28.4	28.8	29.2	29.6	29.9	30.3	

Table 114. World Metallurgical Coal Flows By Importing Regions and Exporting Countries 1,2/ (million short tons)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Total Metallurgical Coal Exports 7/														
Australia	134.5	137.1	133.3	135.2	137.3	138.7	143.3	148.3	153.5	159.0	165.6	170.0	175.3	
United States	27.9	27.2	32.1	36.1	36.9	37.7	36.0	34.0	31.8	29.2	25.8	25.0	23.3	
South Africa	1.3	1.2	1.3	1.5	1.4	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	
Eurasia 4/	7.4	7.0	8.7	9.6	10.7	11.4	11.7	11.9	12.1	12.3	12.5	12.5	12.5	
Poland	1.4	1.1	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Canada	29.3	27.1	31.2	32.3	33.6	34.5	35.4	36.2	37.1	38.0	38.9	38.9	38.9	
China	5.8	4.8	3.7	3.2	2.6	2.2	2.0	1.8	1.5	1.3	1.1	1.1	1.1	
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Vietnam	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Indonesia 5/	20.0	23.1	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	
Total	227.5	228.7	233.3	240.9	245.5	249.1	252.9	256.8	260.6	264.5	268.5	272.0	275.6	

Table 114. World Metallurgical Coal Flows By Importing Regions and Exporting Countries 1,2/ (million short tons)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
<b>Metallurgical Coal Exports to Europe 3/</b>														
Australia	29.2	29.6	31.2	31.4	31.8	33.2	33.3	33.5	33.7	33.9	34.2	34.4	34.6	0.1%
United States	9.3	9.0	8.7	9.0	9.1	8.2	8.5	8.7	8.7	8.8	8.8	8.8	8.8	-2.6%
South Africa	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	0.0	--
Eurasia 4/	3.2	3.2	3.2	3.4	3.6	3.8	4.0	4.3	4.7	5.1	5.6	6.0	6.5	3.5%
Poland	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	-2.5%
Canada	14.3	15.0	14.6	14.4	14.1	13.9	13.7	13.5	13.3	13.0	12.8	12.5	12.2	1.6%
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Vietnam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Indonesia 5/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Total	57.7	58.5	59.4	59.6	59.9	60.3	60.5	60.8	61.1	61.5	61.9	62.2	62.6	-0.1%
<b>Metallurgical Coal Exports to Asia 6/</b>														
Australia	137.0	138.9	140.7	142.6	144.5	146.3	148.2	150.0	151.9	153.8	155.7	157.5	159.4	2.2%
United States	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.4	0.6	-3.9%
South Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Eurasia 4/	9.4	9.4	9.4	9.5	9.6	9.7	9.8	9.9	10.1	10.4	10.6	10.8	11.0	4.1%
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Canada	21.3	21.7	22.0	22.4	22.8	23.2	23.5	23.9	24.2	24.4	24.5	24.5	24.6	2.2%
China	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-5.5%
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Vietnam	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	--
Indonesia 5/	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	-0.3%
Total	190.6	192.8	195.1	197.4	199.8	202.1	204.5	206.8	209.2	211.5	213.8	216.2	218.5	1.8%
<b>Metallurgical Coal Exports to America</b>														
Australia	11.7	12.9	13.1	13.4	13.7	14.0	14.3	14.6	15.1	15.6	16.1	16.6	17.1	2.9%
United States	14.9	15.0	15.1	15.3	15.6	15.8	16.0	16.3	16.4	16.3	16.2	16.1	15.9	2.2%
South Africa	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	8.6%
Eurasia 4/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Canada	3.3	2.3	2.3	2.3	2.4	2.5	2.6	2.6	3.0	3.5	4.1	4.7	5.4	1.2%
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Vietnam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Indonesia 5/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Total	30.6	30.9	31.2	31.9	32.5	33.1	33.7	34.4	35.4	36.4	37.4	38.4	39.5	2.4%

Table 114. World Metallurgical Coal Flows By Importing Regions and Exporting Countries 1,2/ (million short tons)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2006-2030
Total Metallurgical Coal Exports 7/														
Australia	177.8	181.4	185.0	187.4	189.9	193.5	195.8	198.2	200.8	203.3	205.9	208.5	211.1	1.8%
United States	24.1	24.0	23.8	24.3	24.6	24.0	24.5	25.0	25.1	25.2	25.2	25.2	25.2	-0.3%
South Africa	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	-0.7%
Eurasia 4/	12.5	12.5	12.5	12.9	13.2	13.5	13.9	14.2	14.8	15.5	16.2	16.8	17.5	3.9%
Poland	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	-2.7%
Canada	38.9	38.9	38.9	39.1	39.3	39.6	39.8	40.0	40.4	40.9	41.3	41.8	42.2	1.9%
China	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-6.0%
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Vietnam	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	--
Indonesia 5/	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	-0.3%
Total	278.9	282.3	285.7	288.9	292.2	295.5	298.7	301.9	305.7	309.4	313.1	316.8	320.6	1.4%

Table 114. World Metallurgical Coal Flows By Importing Regions and Exporting Countries 1,2/ (million short tons)

1/ Import Regions:

Europe: Algeria, Austria, Belgium, Bulgaria, Croatia, Denmark, Egypt, Finland, France, Germany, Greece, Ireland, Israel, Italy, Luxembourg, Malta, Morocco, Netherlands, Norway, Portugal, Romania, Spain, Sweden, Tunisia, Turkey, United Kingdom

Asia: Bangladesh, China, Hong Kong, India, Iran, Japan, Malaysia, North Korea, Pakistan, Philippines, South Korea, Sri Lanka, Taiwan, Thailand

America: Argentina, Brazil, Canada, Chile, Mexico, United States

2/ Excludes non-seaborne shipments of coal to Europe and Asia.

3/ Coal exports to Europe include exports to the Middle East and Northern Africa.

4/ Eurasia consists of Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan.

5/ In 2006, metallurgical coal exports from Indonesia include an additional 1.5 million short tons of exports from other countries not included in the forecast period.

6/ For 2006, includes 21.3 million short tons of coal for pulverized coal injection at blast furnaces shipped to Japanese steelmakers.

7/ In 2006, total world coal flows include a balancing item term used to reconcile discrepancies between reported exports and imports. For 2006, the balancing item for metallurgical coal amounted to 0.1 million short tons.

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Note: Totals may not equal sum of components due to independent rounding.

Sources: 2006 data: SSY Consultancy and Research Ltd, SSY's Coal Trade Forecast, Vol. 16, No. 1 (London, United Kingdom, June 2007); and Energy Information Administration (EIA), Quarterly Coal Report, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007). Projections: EIA, AEO2008 National Energy Modeling System run aeo2008.d030208f.