

International Energy Outlook 2005

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Table 9. World Coal Flows by Importing and Exporting Regions, Reference Case, 2003, 2015, and 2025
(Million Short Tons)

Exporters	Importers											
	Steam				Coking				Total			
	Europe ^a	Asia	Americas	Total ^b	Europe ^a	Asia ^c	Americas	Total ^b	Europe ^a	Asia	Americas	Total ^b
2003												
Australia	12.5	96.1	6.8	115.8	29.0	85.1	8.1	122.3	41.5	181.3	14.9	238.1
United States	3.0	0.2	18.5	21.8	14.0	0.0	7.2	21.2	17.0	0.3	25.7	43.0
South Africa	70.2	5.5	0.4	77.2	1.0	0.0	0.5	1.6	71.2	5.5	1.0	78.7
Former Soviet Union ..	24.2	9.5	0.0	33.8	2.7	4.5	0.0	7.2	26.9	14.0	0.0	41.0
Poland	15.1	0.0	0.0	15.1	1.3	0.0	0.0	1.3	16.4	0.0	0.0	16.4
Canada	0.0	0.9	0.7	1.5	8.1	13.9	4.1	26.2	8.1	14.7	4.7	27.7
China	6.2	81.2	1.1	89.0	0.1	12.6	1.8	14.4	6.3	93.8	2.8	103.4
South America ^d	32.5	0.0	25.2	57.8	0.0	0.0	0.0	0.0	32.5	0.0	25.2	57.8
Indonesia ^e	16.9	70.6	2.9	91.8	0.1	15.8	0.1	16.0	17.0	86.4	3.0	107.8
Total	180.7	263.9	55.6	503.7	56.3	131.9	21.8	210.1	237.0	395.9	77.4	713.9
2015												
Australia	2.5	137.3	0.8	140.7	28.6	121.9	11.9	162.4	31.1	259.2	12.7	303.1
United States	5.9	1.1	4.0	11.0	8.9	0.8	6.5	16.2	14.7	1.8	10.5	27.1
South Africa	56.0	28.8	4.0	88.7	0.9	0.0	0.8	1.7	56.8	28.8	4.8	90.4
Former Soviet Union ..	41.5	23.6	0.0	65.1	3.1	9.4	0.0	12.5	44.6	33.0	0.0	77.5
Poland	6.2	0.0	0.5	6.7	1.1	0.0	0.0	1.1	7.3	0.0	0.5	7.8
Canada	1.5	0.0	0.0	1.5	8.6	15.3	12.7	36.6	10.2	15.3	12.7	38.1
China	0.0	90.4	0.0	90.4	0.0	6.8	0.0	6.8	0.0	97.2	0.0	97.2
South America ^d	53.8	0.0	47.4	101.2	0.0	0.0	0.0	0.0	53.8	0.0	47.4	101.2
Indonesia ^e	13.3	108.3	4.5	126.1	0.0	14.3	0.0	14.3	13.3	122.7	4.5	140.5
Total	180.7	389.5	61.3	631.5	51.1	168.4	31.9	251.5	231.8	558.0	93.2	883.0
2025												
Australia	0.0	164.7	0.8	165.5	29.4	141.1	15.1	185.6	29.4	305.8	15.9	351.2
United States	0.0	1.0	4.1	5.1	6.9	0.0	7.7	14.6	6.9	1.0	11.8	19.7
South Africa	48.0	40.1	4.2	92.3	0.2	0.0	0.9	1.1	48.2	40.1	5.1	93.4
Former Soviet Union ..	42.0	26.5	0.0	68.5	4.2	9.9	0.0	14.1	46.2	36.4	0.0	82.6
Poland	4.4	0.0	0.0	4.4	0.6	0.0	0.0	0.6	5.0	0.0	0.0	5.0
Canada	0.0	0.0	0.0	0.0	9.5	18.5	10.8	38.8	9.5	18.5	10.8	38.8
China	0.0	93.7	0.0	93.7	0.0	7.4	0.0	7.4	0.0	101.1	0.0	101.1
South America ^d	69.4	0.0	56.6	126.0	0.0	0.0	0.0	0.0	69.4	0.0	56.6	126.0
Indonesia ^e	6.3	124.8	6.3	137.3	0.0	14.3	0.0	14.3	6.3	139.1	6.3	151.6
Total	170.1	450.7	72.0	692.8	50.8	191.2	34.4	276.5	220.9	641.9	106.5	969.2

^aCoal flows to Europe include shipments to the Middle East and Africa. In 2003, coal imports to the Middle East and Africa totaled 40.2 million tons.

^bIn 2003, total world coal flows include a balancing item used to reconcile discrepancies between reported exports and imports. The 2003 balancing items by coal type were 3.5 million tons (steam coal), 0.1 million tons (coking coal), and 3.6 million tons (total).

^cIncludes 14.3 million tons of coal for pulverized coal injection at blast furnaces shipped to Japanese steelmakers in 2003.

^dCoal exports from South America are projected to originate from mines in Colombia and Venezuela.

^eIn 2003, coal exports from Indonesia include shipments from other countries not modeled for the forecast period. The 2003 non-Indonesian exports by coal type were 8.4 million tons (steam coal), 1.7 million tons (coking coal), and 10.0 million tons (total).

Notes: Data exclude non-seaborne shipments of coal to Europe and Asia. Totals may not equal sum of components due to independent rounding. The sum of the columns may not equal the total, because the total includes a balancing item between importers' and exporters' data.

Sources: **2003:** SSY Consultancy and Research, Ltd., *SSY's Coal Trade Forecast*, Vol. 14, No. 2 (London, UK, May 2005); and Energy Information Administration, *Quarterly Coal Report*, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004). **2015 and 2025:** Energy Information Administration, National Energy Modeling System run IEO2005.D060605B.