

Table 113. World Steam Coal Flows by Importing Regions and Exporting Countries 1, 2/ (Million Short Tons)

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Steam Coal Exports to Europe 3/ | | | | | | | | | | | | | |
| Australia | 11.5 | 12.5 | 11.0 | 11.0 | 11.0 | 11.1 | 11.1 | 11.2 | 11.2 | 11.3 | 11.4 | 11.5 | 11.5 |
| United States | 4.2 | 3.0 | 3.3 | 3.0 | 3.1 | 3.2 | 3.3 | 2.9 | 2.8 | 3.5 | 3.5 | 3.6 | 3.6 |
| South Africa | 64.3 | 70.4 | 73.4 | 73.7 | 72.7 | 72.5 | 73.2 | 74.0 | 73.2 | 73.3 | 72.4 | 71.3 | 70.1 |
| Former Soviet Union | 20.2 | 22.9 | 23.1 | 23.9 | 24.2 | 24.5 | 24.8 | 25.1 | 25.4 | 25.6 | 25.8 | 26.0 | 26.2 |
| Poland | 18.4 | 15.4 | 13.8 | 12.1 | 11.5 | 10.9 | 10.3 | 9.7 | 9.1 | 8.7 | 8.2 | 7.7 | 7.2 |
| Canada | 0.2 | 0.0 | 2.6 | 2.6 | 2.9 | 3.1 | 3.3 | 3.5 | 3.7 | 1.9 | 1.5 | 1.5 | 1.5 |
| China | 2.0 | 6.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| South America | 29.2 | 32.5 | 33.2 | 36.0 | 38.1 | 40.1 | 42.2 | 44.2 | 46.3 | 47.3 | 48.4 | 49.4 | 50.5 |
| Indonesia 4/ | 12.5 | 16.9 | 21.2 | 20.1 | 20.3 | 19.8 | 18.3 | 17.4 | 17.6 | 17.5 | 17.4 | 17.3 | 17.2 |
| Total | 162.4 | 179.9 | 181.7 | 182.4 | 183.8 | 185.2 | 186.6 | 188.0 | 189.4 | 189.0 | 188.7 | 188.3 | 187.9 |
| Steam Coal Exports to Asia | | | | | | | | | | | | | |
| Australia | 94.7 | 96.1 | 107.8 | 109.8 | 113.7 | 117.8 | 122.0 | 126.7 | 131.3 | 135.1 | 138.0 | 140.6 | 143.3 |
| United States | 1.6 | 0.2 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| South Africa | 8.2 | 5.5 | 0.6 | 1.5 | 3.5 | 4.5 | 4.4 | 4.3 | 5.7 | 6.8 | 8.7 | 11.0 | 13.2 |
| Former Soviet Union | 10.6 | 9.5 | 12.1 | 12.9 | 13.3 | 13.8 | 14.2 | 14.7 | 15.1 | 15.4 | 15.8 | 16.1 | 16.4 |
| 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 | 2.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| China | 72.0 | 81.2 | 84.9 | 84.9 | 85.5 | 86.2 | 86.9 | 87.5 | 88.2 | 88.6 | 89.1 | 89.5 | 90.0 |
| 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 |
| Indonesia 4/ | 60.3 | 70.6 | 71.4 | 79.3 | 80.8 | 83.2 | 86.4 | 89.2 | 90.7 | 92.5 | 94.3 | 96.1 | 97.9 |
| Total | 249.3 | 263.9 | 277.3 | 288.9 | 297.5 | 306.0 | 314.6 | 323.2 | 331.7 | 339.1 | 346.6 | 354.1 | 361.5 |
| Steam Coal Exports to America | | | | | | | | | | | | | |
| Australia | 3.4 | 3.4 | 1.6 | 1.0 | 1.4 | 1.5 | 1.5 | 1.1 | 0.8 | 1.6 | 1.7 | 1.8 | 1.9 |
| United States | 12.9 | 18.5 | 19.3 | 18.6 | 17.9 | 17.2 | 16.5 | 16.4 | 16.0 | 14.7 | 14.2 | 13.6 | 13.1 |
| South Africa | 0.7 | 0.4 | 2.7 | 2.9 | 2.9 | 3.1 | 3.4 | 3.7 | 4.1 | 4.1 | 4.2 | 4.2 | 4.3 |
| Former Soviet Union | 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 | 1.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| China | 3.7 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| South America | 18.4 | 25.2 | 32.9 | 34.6 | 36.0 | 37.4 | 38.7 | 40.1 | 41.5 | 43.1 | 44.8 | 46.4 | 48.0 |
| Indonesia 4/ | 2.4 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 43.0 | 55.6 | 56.4 | 57.1 | 58.1 | 59.2 | 60.2 | 61.3 | 62.4 | 63.6 | 64.8 | 66.0 | 67.2 |
| Total Steam Coal Exports 5/ | | | | | | | | | | | | | |
| Australia | 110.1 | 115.8 | 120.4 | 121.9 | 126.1 | 130.4 | 134.7 | 139.0 | 143.3 | 148.0 | 151.1 | 153.9 | 156.7 |
| United States | 18.8 | 21.8 | 23.1 | 22.1 | 21.5 | 21.0 | 20.5 | 20.0 | 19.5 | 19.0 | 18.4 | 17.9 | 17.5 |
| South Africa | 75.0 | 77.2 | 76.7 | 78.0 | 79.0 | 80.0 | 81.0 | 82.0 | 83.0 | 84.2 | 85.3 | 86.4 | 87.6 |
| Former Soviet Union | 30.8 | 32.4 | 35.2 | 36.8 | 37.5 | 38.3 | 39.0 | 39.7 | 40.5 | 41.0 | 41.6 | 42.1 | 42.7 |
| Poland | 18.7 | 15.3 | 13.8 | 12.1 | 11.5 | 10.9 | 10.3 | 9.7 | 9.1 | 8.7 | 8.2 | 7.7 | 7.2 |
| Canada | 3.7 | 1.5 | 2.6 | 2.6 | 2.9 | 3.1 | 3.3 | 3.5 | 3.7 | 1.9 | 1.5 | 1.5 | 1.5 |
| China | 77.7 | 89.0 | 84.9 | 84.9 | 85.5 | 86.2 | 86.9 | 87.5 | 88.2 | 88.6 | 89.1 | 89.5 | 90.0 |
| South America | 47.5 | 57.8 | 66.1 | 70.7 | 74.1 | 77.5 | 80.9 | 84.3 | 87.7 | 90.4 | 93.1 | 95.8 | 98.5 |
| Indonesia 4/ | 75.2 | 91.8 | 92.6 | 99.4 | 101.2 | 103.0 | 104.8 | 106.6 | 108.4 | 110.0 | 111.7 | 113.4 | 115.1 |
| Total | 457.4 | 502.5 | 515.4 | 528.5 | 539.4 | 550.4 | 561.4 | 572.5 | 583.5 | 591.8 | 600.1 | 608.4 | 616.7 |

Table 113. World Steam Coal Flows by Importing Regions and Exporting Countries 1, 2/ (Million Short Tons)

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2003-2025 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|
| Steam Coal Exports to Europe 3/ | | | | | | | | | | | | |
| Australia | 11.6 | 11.5 | 10.6 | 9.6 | 6.7 | 3.6 | 2.4 | 3.7 | 1.5 | 0.1 | 0.0 | N/A |
| United States | 3.7 | 3.7 | 2.9 | 2.7 | 2.8 | 3.1 | 2.7 | 0.0 | 0.5 | 0.1 | 0.0 | N/A |
| South Africa | 69.2 | 69.4 | 69.7 | 69.9 | 70.1 | 70.3 | 69.8 | 69.3 | 68.8 | 68.4 | 66.5 | -0.3% |
| Former Soviet Union | 26.5 | 26.7 | 26.9 | 27.1 | 27.3 | 27.6 | 27.8 | 28.0 | 28.2 | 28.4 | 28.7 | 1.0% |
| Poland | 6.7 | 6.5 | 6.2 | 6.0 | 5.8 | 5.5 | 5.3 | 5.1 | 4.9 | 4.6 | 4.4 | -5.5% |
| Canada | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| China | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| South America | 51.5 | 53.3 | 55.0 | 56.8 | 58.6 | 60.3 | 62.2 | 64.0 | 65.8 | 67.7 | 69.5 | 3.5% |
| Indonesia 4/ | 16.8 | 13.5 | 11.8 | 11.2 | 10.6 | 10.0 | 9.6 | 9.2 | 8.8 | 8.4 | 8.0 | -3.3% |
| Total | 187.6 | 186.1 | 184.7 | 183.3 | 181.9 | 180.4 | 179.7 | 179.3 | 178.5 | 177.8 | 177.1 | -0.1% |
| Steam Coal Exports to Asia | | | | | | | | | | | | |
| Australia | 146.1 | 146.4 | 148.3 | 151.2 | 154.1 | 157.0 | 159.6 | 162.1 | 164.6 | 167.1 | 168.4 | 2.6% |
| United States | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 4.8% |
| South Africa | 15.0 | 15.2 | 15.3 | 15.5 | 15.7 | 15.8 | 16.7 | 17.5 | 18.4 | 19.1 | 21.3 | 6.4% |
| Former Soviet Union | 16.8 | 17.5 | 18.3 | 19.1 | 19.8 | 20.6 | 20.9 | 21.2 | 21.5 | 21.8 | 22.0 | 3.9% |
| Poland | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| Canada | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| China | 90.4 | 91.1 | 91.7 | 92.4 | 93.0 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 0.7% |
| South America | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| Indonesia 4/ | 100.0 | 104.8 | 107.9 | 110.0 | 112.1 | 114.2 | 116.0 | 117.9 | 119.7 | 121.5 | 123.4 | 2.6% |
| Total | 369.0 | 375.7 | 382.3 | 388.9 | 395.5 | 402.1 | 407.6 | 413.0 | 418.5 | 424.0 | 429.5 | 2.2% |
| Steam Coal Exports to America | | | | | | | | | | | | |
| Australia | 1.8 | 1.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.7 | -3.2% |
| United States | 12.6 | 12.1 | 12.4 | 12.6 | 12.7 | 12.8 | 13.1 | 13.3 | 13.5 | 13.7 | 13.2 | -1.5% |
| South Africa | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 11.0% |
| Former Soviet Union | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| Poland | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| Canada | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| China | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| South America | 49.7 | 50.6 | 51.6 | 52.5 | 53.5 | 54.4 | 55.5 | 56.5 | 57.5 | 58.5 | 59.6 | 4.0% |
| Indonesia 4/ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| Total | 68.5 | 69.0 | 69.3 | 70.4 | 71.5 | 72.6 | 73.8 | 75.1 | 76.3 | 77.6 | 78.9 | 1.6% |
| Total Steam Coal Exports 5/ | | | | | | | | | | | | |
| Australia | 159.5 | 159.6 | 159.7 | 161.6 | 161.7 | 161.5 | 162.8 | 166.6 | 166.9 | 168.1 | 170.0 | 1.8% |
| United States | 17.0 | 16.5 | 16.0 | 16.0 | 16.2 | 16.7 | 16.5 | 14.0 | 14.7 | 14.6 | 13.9 | -2.0% |
| South Africa | 88.7 | 89.1 | 89.5 | 89.9 | 90.2 | 90.6 | 90.9 | 91.3 | 91.6 | 91.9 | 92.3 | 0.8% |
| Former Soviet Union | 43.2 | 44.2 | 45.2 | 46.2 | 47.2 | 48.2 | 48.7 | 49.2 | 49.7 | 50.2 | 50.7 | 2.1% |
| Poland | 6.7 | 6.5 | 6.2 | 6.0 | 5.8 | 5.5 | 5.3 | 5.1 | 4.9 | 4.6 | 4.4 | -5.5% |
| Canada | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| China | 90.4 | 91.1 | 91.7 | 92.4 | 93.0 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 0.2% |
| South America | 101.2 | 103.9 | 106.6 | 109.3 | 112.0 | 114.8 | 117.6 | 120.5 | 123.4 | 126.2 | 129.1 | 3.7% |
| Indonesia 4/ | 116.8 | 118.2 | 119.7 | 121.2 | 122.7 | 124.2 | 125.6 | 127.0 | 128.5 | 129.9 | 131.3 | 1.6% |
| Total | 625.1 | 630.7 | 636.3 | 642.6 | 648.9 | 655.1 | 661.1 | 667.4 | 673.3 | 679.4 | 685.5 | 1.4% |

Table 113. World Steam 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/ In 2003, steam coal exports from Indonesia include an additional 8.4 million short tons of exports from other countries not included in the forecast period.

5/ In 2003, total world coal flows include a balancing item term used to reconcile discrepancies between reported exports and imports. For 2003, the balancing item for steam coal amounted to 3.1 million short tons.

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

Sources: 2003 data: SSY Consultancy and Research Ltd, SSY's Coal Trade Forecast, Vol. 13, No. 3 (London, United Kingdom, July 2004); and Energy Information Administration (EIA), Quarterly Coal Report, October-December 2003, DOE/EIA-0121(2003/4Q) (Washington, DC, March 2004). Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.