

## International Energy Outlook 2008

**Table 8. World Coal Flows by Importing and Exporting Regions, Reference Case, 2006, 2015, and 2030**  
 (Quadrillion Btu)

Exporters	Importers											
	Steam				Coking				Total			
	Europe <sup>a</sup>	Asia	Americas	Total <sup>b</sup>	Europe <sup>a</sup>	Asia <sup>c</sup>	Americas	Total <sup>b</sup>	Europe <sup>a</sup>	Asia	Americas	Total <sup>b</sup>
<b>2006</b>												
Australia .....	0.10	2.57	0.18	<b>2.85</b>	0.82	2.31	0.21	<b>3.33</b>	0.91	4.88	0.39	<b>6.18</b>
United States .....	0.12	0.01	0.34	<b>0.48</b>	0.45	0.04	0.26	<b>0.75</b>	0.57	0.05	0.60	<b>1.22</b>
Southern Africa <sup>d</sup> .....	1.53	0.07	0.02	<b>1.68</b>	0.02	0.00	0.00	<b>0.03</b>	1.55	0.07	0.03	<b>1.71</b>
Eurasia .....	1.08	0.29	0.02	<b>1.39</b>	0.07	0.10	0.00	<b>0.17</b>	1.15	0.39	0.02	<b>1.56</b>
Poland .....	0.25	0.00	0.00	<b>0.25</b>	0.03	0.00	0.00	<b>0.03</b>	0.28	0.00	0.00	<b>0.28</b>
Canada .....	0.01	0.05	0.02	<b>0.08</b>	0.21	0.36	0.10	<b>0.67</b>	0.21	0.41	0.12	<b>0.75</b>
China .....	0.06	1.44	0.00	<b>1.51</b>	0.01	0.10	0.00	<b>0.12</b>	0.07	1.55	0.00	<b>1.62</b>
South America <sup>e</sup> .....	0.88	0.00	0.84	<b>1.72</b>	0.00	0.00	0.00	<b>0.00</b>	0.88	0.00	0.84	<b>1.72</b>
Vietnam .....	0.00	0.52	0.00	<b>0.52</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.52	0.00	<b>0.52</b>
Indonesia <sup>f</sup> .....	0.62	2.90	0.13	<b>3.66</b>	0.00	0.53	0.00	<b>0.53</b>	0.62	3.43	0.13	<b>4.19</b>
<b>Total .....</b>	<b>4.65</b>	<b>7.85</b>	<b>1.55</b>	<b>14.12</b>	<b>1.60</b>	<b>3.45</b>	<b>0.57</b>	<b>5.63</b>	<b>6.25</b>	<b>11.30</b>	<b>2.12</b>	<b>19.74</b>
<b>2015</b>												
Australia .....	0.03	4.77	0.00	<b>4.80</b>	0.76	3.01	0.36	<b>4.13</b>	0.79	7.78	0.36	<b>8.93</b>
United States .....	0.25	0.02	0.18	<b>0.45</b>	0.24	0.00	0.42	<b>0.66</b>	0.50	0.02	0.59	<b>1.11</b>
Southern Africa <sup>d</sup> .....	1.29	1.06	0.12	<b>2.47</b>	0.02	0.00	0.02	<b>0.04</b>	1.31	1.06	0.15	<b>2.51</b>
Eurasia .....	1.52	0.54	0.00	<b>2.06</b>	0.08	0.23	0.00	<b>0.31</b>	1.59	0.77	0.00	<b>2.36</b>
Poland .....	0.14	0.00	0.01	<b>0.15</b>	0.03	0.00	0.00	<b>0.03</b>	0.17	0.00	0.01	<b>0.18</b>
Canada .....	0.04	0.00	0.00	<b>0.04</b>	0.47	0.36	0.13	<b>0.96</b>	0.51	0.36	0.13	<b>1.00</b>
China .....	0.00	1.07	0.00	<b>1.07</b>	0.00	0.03	0.00	<b>0.03</b>	0.00	1.10	0.00	<b>1.10</b>
South America <sup>e</sup> .....	1.95	0.00	1.12	<b>3.07</b>	0.00	0.00	0.00	<b>0.00</b>	1.95	0.00	1.12	<b>3.07</b>
Vietnam .....	0.00	0.27	0.00	<b>0.27</b>	0.00	0.01	0.00	<b>0.01</b>	0.00	0.27	0.00	<b>0.27</b>
Indonesia <sup>f</sup> .....	0.00	3.03	0.09	<b>3.12</b>	0.00	0.50	0.00	<b>0.50</b>	0.00	3.54	0.09	<b>3.63</b>
<b>Total .....</b>	<b>5.21</b>	<b>10.76</b>	<b>1.53</b>	<b>17.50</b>	<b>1.60</b>	<b>4.13</b>	<b>0.94</b>	<b>6.66</b>	<b>6.81</b>	<b>14.88</b>	<b>2.46</b>	<b>24.16</b>
<b>2030</b>												
Australia .....	0.09	5.39	0.04	<b>5.51</b>	0.89	3.79	0.45	<b>5.13</b>	0.97	9.18	0.48	<b>10.64</b>
United States .....	0.01	0.01	0.29	<b>0.31</b>	0.20	0.00	0.33	<b>0.53</b>	0.21	0.01	0.62	<b>0.84</b>
Southern Africa <sup>d</sup> .....	1.20	1.37	0.18	<b>2.75</b>	0.01	0.00	0.03	<b>0.04</b>	1.22	1.37	0.20	<b>2.79</b>
Eurasia .....	1.45	0.66	0.00	<b>2.11</b>	0.16	0.27	0.00	<b>0.43</b>	1.61	0.93	0.00	<b>2.54</b>
Poland .....	0.07	0.00	0.03	<b>0.10</b>	0.01	0.00	0.00	<b>0.01</b>	0.09	0.00	0.03	<b>0.11</b>
Canada .....	0.00	0.00	0.00	<b>0.00</b>	0.40	0.47	0.26	<b>1.13</b>	0.40	0.47	0.26	<b>1.13</b>
China .....	0.00	1.07	0.00	<b>1.07</b>	0.00	0.03	0.00	<b>0.03</b>	0.00	1.10	0.00	<b>1.10</b>
South America <sup>e</sup> .....	2.18	0.10	2.12	<b>4.39</b>	0.00	0.00	0.00	<b>0.00</b>	2.18	0.10	2.12	<b>4.39</b>
Vietnam .....	0.00	0.27	0.00	<b>0.27</b>	0.00	0.01	0.00	<b>0.01</b>	0.00	0.27	0.00	<b>0.27</b>
Indonesia <sup>f</sup> .....	0.00	3.53	0.22	<b>3.75</b>	0.00	0.50	0.00	<b>0.50</b>	0.00	4.03	0.22	<b>4.25</b>
<b>Total .....</b>	<b>5.00</b>	<b>12.38</b>	<b>2.88</b>	<b>20.26</b>	<b>1.67</b>	<b>5.07</b>	<b>1.07</b>	<b>7.80</b>	<b>6.66</b>	<b>17.46</b>	<b>3.94</b>	<b>28.06</b>

<sup>a</sup>Europe/Mediterranean, including coal shipments to the Middle East and Africa.

<sup>b</sup>In 2006, total world coal flows include a balancing item used to reconcile discrepancies between reported exports and imports. The 2006 balancing items by coal type were 0.069 quadrillion Btu (steam coal), 0.003 quadrillion Btu (coking coal), and 0.071 quadrillion Btu (total).

<sup>c</sup>Includes 0.49 quadrillion Btu of coal for pulverized coal injection at blast furnaces shipped to Japanese steelmakers in 2006.

<sup>d</sup>Southern Africa includes South Africa, Mozambique, and Botswana.

<sup>e</sup>Coal exports from South America are projected to originate from mines in Colombia and Venezuela.

<sup>f</sup>Includes shipments from other countries not modeled for the projection period. The 2006 exports from other countries by coal type were 0.07 quadrillion Btu (steam coal), 0.03 quadrillion Btu (coking coal), and 0.10 quadrillion Btu (total).

Notes: Data exclude non-seaborne shipments of coal to Europe and Asia. Totals may not equal sum of components due to independent rounding.

Sources: 2006: SSY Consultancy and Research, Ltd., *SSY's Coal Trade Forecast*, Vol. 16, No. 1 (London, UK, June 2007); and Energy Information Administration, *Quarterly Coal Report*, October-December 2006, DOE/EIA-0121(2006/4Q) (Washington, DC, March 2007). 2015 and 2030: Energy Information Administration, National Energy Modeling System, run IEO2008.D061008B.