

Table 6. U.S. Coal Supply, Consumption, and Inventories
 Energy Information Administration/Short-Term Energy Outlook - September 2010

	2009				2010				2011				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2009	2010	2011
Supply (million short tons)															
Production	281.4	262.6	268.6	260.0	265.3	263.9	<i>266.6</i>	<i>274.0</i>	<i>268.9</i>	<i>264.7</i>	<i>280.8</i>	<i>275.2</i>	1072.8	<i>1069.8</i>	<i>1089.5</i>
Appalachia	94.8	84.1	80.7	81.0	84.4	87.1	<i>82.3</i>	<i>84.6</i>	<i>85.8</i>	<i>84.5</i>	<i>89.6</i>	<i>87.8</i>	340.6	<i>338.4</i>	<i>347.7</i>
Interior	37.1	37.5	36.9	36.1	37.7	37.4	<i>36.5</i>	<i>38.2</i>	<i>37.1</i>	<i>36.5</i>	<i>38.8</i>	<i>38.0</i>	147.6	<i>149.8</i>	<i>150.4</i>
Western	149.6	141.0	151.1	142.9	143.3	139.4	<i>147.7</i>	<i>151.3</i>	<i>145.9</i>	<i>143.7</i>	<i>152.4</i>	<i>149.4</i>	584.5	<i>581.7</i>	<i>591.4</i>
Primary Inventory Withdrawals	-6.6	-2.8	2.3	0.4	-2.4	1.5	<i>6.2</i>	<i>0.3</i>	<i>4.8</i>	<i>-1.7</i>	<i>1.0</i>	<i>1.2</i>	-6.6	<i>5.6</i>	<i>5.2</i>
Imports	6.3	5.4	5.4	5.4	4.8	5.4	<i>4.4</i>	<i>4.7</i>	<i>5.1</i>	<i>7.4</i>	<i>7.2</i>	<i>6.3</i>	22.6	<i>19.3</i>	<i>25.9</i>
Exports	13.3	13.0	15.2	17.7	17.8	20.1	<i>17.7</i>	<i>18.4</i>	<i>14.1</i>	<i>19.2</i>	<i>21.0</i>	<i>19.6</i>	59.1	<i>74.0</i>	<i>74.0</i>
Metallurgical Coal	8.5	6.5	10.4	11.9	14.2	15.4	<i>13.3</i>	<i>13.2</i>	<i>9.8</i>	<i>13.3</i>	<i>15.6</i>	<i>13.9</i>	37.3	<i>56.1</i>	<i>52.6</i>
Steam Coal	4.9	6.4	4.8	5.8	3.6	4.7	<i>4.4</i>	<i>5.2</i>	<i>4.3</i>	<i>5.9</i>	<i>5.4</i>	<i>5.7</i>	21.8	<i>17.9</i>	<i>21.3</i>
Total Primary Supply	267.9	252.4	261.2	248.3	249.9	250.7	<i>259.6</i>	<i>260.6</i>	<i>264.6</i>	<i>251.1</i>	<i>268.0</i>	<i>263.0</i>	1029.7	<i>1020.7</i>	<i>1046.7</i>
Secondary Inventory Withdrawals	-11.8	-21.0	-1.2	6.8	15.9	-3.1	<i>18.7</i>	<i>-3.7</i>	<i>-1.4</i>	<i>-10.0</i>	<i>13.1</i>	<i>-5.1</i>	-27.1	<i>27.7</i>	<i>-3.3</i>
Waste Coal (a)	3.1	2.8	3.2	3.3	3.1	3.2	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	12.4	<i>12.6</i>	<i>12.7</i>
Total Supply	259.2	234.1	263.3	258.4	268.9	250.7	<i>281.4</i>	<i>260.1</i>	<i>266.4</i>	<i>244.3</i>	<i>284.3</i>	<i>261.1</i>	1015.0	<i>1061.1</i>	<i>1056.2</i>
Consumption (million short tons)															
Coke Plants	4.4	3.4	3.4	4.1	4.9	4.6	<i>5.6</i>	<i>5.4</i>	<i>6.0</i>	<i>5.1</i>	<i>6.0</i>	<i>5.6</i>	15.3	<i>20.4</i>	<i>22.7</i>
Electric Power Sector (b)	237.6	216.9	245.2	236.9	246.9	230.5	<i>273.8</i>	<i>243.0</i>	<i>247.8</i>	<i>227.9</i>	<i>266.6</i>	<i>243.6</i>	936.5	<i>994.2</i>	<i>985.8</i>
Retail and Other Industry	13.2	11.2	11.7	12.5	13.4	11.0	<i>11.4</i>	<i>11.7</i>	<i>12.7</i>	<i>11.3</i>	<i>11.7</i>	<i>11.9</i>	48.6	<i>47.5</i>	<i>47.6</i>
Residential and Commercial	1.1	0.7	0.6	0.9	1.0	0.7	<i>0.6</i>	<i>0.8</i>	<i>1.1</i>	<i>0.7</i>	<i>0.6</i>	<i>0.8</i>	3.2	<i>3.1</i>	<i>3.2</i>
Other Industrial	12.1	10.6	11.1	11.6	12.3	10.3	<i>10.8</i>	<i>10.9</i>	<i>11.6</i>	<i>10.6</i>	<i>11.1</i>	<i>11.1</i>	45.4	<i>44.3</i>	<i>44.4</i>
Total Consumption	255.1	231.5	260.4	253.4	265.1	246.6	<i>290.8</i>	<i>260.1</i>	<i>266.4</i>	<i>244.3</i>	<i>284.3</i>	<i>261.1</i>	1000.4	<i>1062.6</i>	<i>1056.2</i>
Discrepancy (c)	4.1	2.7	2.9	5.0	3.8	4.1	<i>-9.4</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	14.6	<i>-1.5</i>	<i>0.0</i>
End-of-period Inventories (million short tons)															
Primary Inventories (d)	41.3	44.0	41.7	41.3	43.7	42.2	<i>36.0</i>	<i>35.7</i>	<i>30.9</i>	<i>32.6</i>	<i>31.6</i>	<i>30.5</i>	41.3	<i>35.7</i>	<i>30.5</i>
Secondary Inventories	182.2	203.2	204.4	197.6	181.6	184.8	<i>166.1</i>	<i>169.8</i>	<i>171.2</i>	<i>181.2</i>	<i>168.1</i>	<i>173.1</i>	197.6	<i>169.8</i>	<i>173.1</i>
Electric Power Sector	174.3	195.9	197.2	190.0	175.4	178.3	<i>159.1</i>	<i>162.5</i>	<i>164.7</i>	<i>174.3</i>	<i>160.6</i>	<i>165.3</i>	190.0	<i>162.5</i>	<i>165.3</i>
Retail and General Industry	5.3	5.1	5.1	5.1	4.2	4.4	<i>4.9</i>	<i>5.2</i>	<i>4.4</i>	<i>4.6</i>	<i>5.2</i>	<i>5.4</i>	5.1	<i>5.2</i>	<i>5.4</i>
Coke Plants	2.1	1.8	1.6	2.0	1.6	1.6	<i>1.6</i>	<i>1.6</i>	<i>1.7</i>	<i>1.8</i>	<i>1.8</i>	<i>1.9</i>	2.0	<i>1.6</i>	<i>1.9</i>
Coal Market Indicators															
Coal Miner Productivity															
(Tons per hour)	5.73	5.63	5.60	5.60	5.75	5.84	<i>5.84</i>	<i>5.84</i>	<i>5.84</i>	<i>5.84</i>	<i>5.84</i>	<i>5.84</i>	5.64	<i>5.82</i>	<i>5.84</i>
Total Raw Steel Production															
(Million short tons per day)	0.146	0.153	0.186	0.214	0.234	0.253	<i>0.251</i>	<i>0.259</i>	<i>0.260</i>	<i>0.272</i>	<i>0.276</i>	<i>0.267</i>	0.175	<i>0.249</i>	<i>0.269</i>
Cost of Coal to Electric Utilities															
(Dollars per million Btu)	2.26	2.23	2.20	2.15	2.27	2.27	<i>2.24</i>	<i>2.21</i>	<i>2.22</i>	<i>2.21</i>	<i>2.18</i>	<i>2.15</i>	2.21	<i>2.25</i>	<i>2.19</i>

- = no data available

(a) Waste coal includes waste coal and coal slurry reprocessed into briquettes.

(b) Coal used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

(c) The discrepancy reflects an unaccounted-for shipper and receiver reporting difference, assumed to be zero in the forecast period.

(d) Primary stocks are held at the mines and distribution points.

Notes: The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Quarterly Coal Report*, DOE/EIA-0121; and *Electric Power Monthly*, DOE/EIA-0226.

Minor discrepancies with published historical data are due to independent rounding.

Projections: Generated by simulation of the EIA Regional Short-Term Energy Model.