

Table 6. U.S. Coal Supply, Consumption, and Inventories

U.S. Energy Information Administration | Short-Term Energy Outlook - August 2017

	2016				2017				2018				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2016	2017	2018
Supply (million short tons)															
Production	173.0	160.5	195.1	199.5	197.0	190.2	<i>205.9</i>	<i>192.9</i>	<i>199.3</i>	<i>179.5</i>	<i>207.2</i>	<i>210.1</i>	728.2	<i>786.1</i>	<i>796.0</i>
Appalachia	44.3	43.2	44.8	47.6	50.7	48.7	<i>50.1</i>	<i>47.3</i>	<i>47.8</i>	<i>45.2</i>	<i>49.6</i>	<i>49.7</i>	180.0	<i>196.8</i>	<i>192.4</i>
Interior	36.9	34.4	35.7	37.2	38.5	39.7	<i>40.2</i>	<i>40.2</i>	<i>42.0</i>	<i>38.4</i>	<i>42.4</i>	<i>44.9</i>	144.2	<i>158.5</i>	<i>167.7</i>
Western	91.8	82.8	114.6	114.8	107.8	101.8	<i>115.7</i>	<i>105.4</i>	<i>109.4</i>	<i>95.9</i>	<i>115.1</i>	<i>115.5</i>	404.0	<i>430.7</i>	<i>436.0</i>
Primary Inventory Withdrawals	-1.4	0.2	3.6	-0.1	-1.0	0.5	<i>2.9</i>	<i>-0.8</i>	<i>-1.1</i>	<i>-0.3</i>	<i>3.2</i>	<i>-3.0</i>	2.2	<i>1.6</i>	<i>-1.2</i>
Imports	2.7	2.3	2.7	2.1	1.9	2.6	<i>3.2</i>	<i>2.8</i>	<i>1.6</i>	<i>2.2</i>	<i>3.2</i>	<i>2.8</i>	9.8	<i>10.5</i>	<i>9.8</i>
Exports	14.2	14.2	12.6	19.3	22.3	20.8	<i>15.1</i>	<i>12.2</i>	<i>14.1</i>	<i>16.3</i>	<i>15.0</i>	<i>13.6</i>	60.3	<i>70.4</i>	<i>59.0</i>
Metallurgical Coal	10.2	10.1	9.1	11.6	12.2	13.1	<i>9.1</i>	<i>7.9</i>	<i>8.5</i>	<i>11.1</i>	<i>10.0</i>	<i>8.8</i>	40.9	<i>42.2</i>	<i>38.4</i>
Steam Coal	4.0	4.2	3.5	7.7	10.1	7.6	<i>6.1</i>	<i>4.3</i>	<i>5.5</i>	<i>5.3</i>	<i>5.0</i>	<i>4.8</i>	19.3	<i>28.1</i>	<i>20.6</i>
Total Primary Supply	160.1	148.8	188.9	182.2	175.6	172.5	<i>196.9</i>	<i>182.7</i>	<i>185.6</i>	<i>165.1</i>	<i>198.6</i>	<i>196.3</i>	680.0	<i>727.8</i>	<i>745.6</i>
Secondary Inventory Withdrawals	4.1	9.2	25.2	-5.6	0.8	2.1	<i>18.2</i>	<i>-2.8</i>	<i>-1.2</i>	<i>2.4</i>	<i>15.0</i>	<i>-16.7</i>	32.9	<i>18.2</i>	<i>-0.5</i>
Waste Coal (a)	2.5	1.9	2.4	2.0	2.4	2.5	<i>2.5</i>	<i>2.5</i>	<i>2.4</i>	<i>2.4</i>	<i>2.4</i>	<i>2.4</i>	8.7	<i>9.9</i>	<i>9.6</i>
Total Supply	166.7	159.9	216.5	178.5	178.8	177.2	<i>217.6</i>	<i>182.4</i>	<i>186.8</i>	<i>169.9</i>	<i>216.0</i>	<i>182.0</i>	721.7	<i>756.0</i>	<i>754.6</i>
Consumption (million short tons)															
Coke Plants	4.1	4.1	4.2	4.1	4.2	3.3	<i>4.9</i>	<i>5.7</i>	<i>4.0</i>	<i>3.6</i>	<i>4.8</i>	<i>5.9</i>	16.5	<i>18.1</i>	<i>18.3</i>
Electric Power Sector (b)	152.2	147.2	210.3	167.6	160.5	156.1	<i>208.4</i>	<i>167.8</i>	<i>173.5</i>	<i>157.5</i>	<i>202.3</i>	<i>166.8</i>	677.3	<i>692.9</i>	<i>700.2</i>
Retail and Other Industry	9.6	8.6	8.6	9.0	8.8	8.4	<i>8.5</i>	<i>8.9</i>	<i>9.3</i>	<i>8.7</i>	<i>8.9</i>	<i>9.2</i>	35.8	<i>34.7</i>	<i>36.1</i>
Residential and Commercial	0.4	0.2	0.2	0.3	0.4	0.2	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	1.2	<i>0.9</i>	<i>0.7</i>
Other Industrial	9.1	8.4	8.4	8.7	8.4	8.3	<i>8.4</i>	<i>8.6</i>	<i>9.0</i>	<i>8.6</i>	<i>8.8</i>	<i>9.0</i>	34.7	<i>33.8</i>	<i>35.4</i>
Total Consumption	165.9	160.0	223.1	180.6	173.5	167.9	<i>221.9</i>	<i>182.4</i>	<i>186.8</i>	<i>169.9</i>	<i>216.0</i>	<i>182.0</i>	729.6	<i>745.7</i>	<i>754.6</i>
Discrepancy (c)	0.8	-0.1	-6.6	-2.1	5.3	9.3	<i>-4.3</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	-8.0	<i>10.3</i>	<i>0.0</i>
End-of-period Inventories (million short tons)															
Primary Inventories (d)	37.3	37.1	33.6	33.7	34.7	34.2	<i>31.3</i>	<i>32.1</i>	<i>33.2</i>	<i>33.5</i>	<i>30.3</i>	<i>33.3</i>	33.7	<i>32.1</i>	<i>33.3</i>
Secondary Inventories	198.4	189.2	164.0	169.6	168.8	166.7	<i>148.5</i>	<i>151.4</i>	<i>152.6</i>	<i>150.2</i>	<i>135.2</i>	<i>151.9</i>	169.6	<i>151.4</i>	<i>151.9</i>
Electric Power Sector	192.3	183.2	158.2	163.9	163.9	159.1	<i>142.1</i>	<i>145.9</i>	<i>147.7</i>	<i>144.7</i>	<i>129.3</i>	<i>145.6</i>	163.9	<i>145.9</i>	<i>145.6</i>
Retail and General Industry	3.9	3.8	3.7	3.6	3.2	5.3	<i>4.3</i>	<i>3.3</i>	<i>3.1</i>	<i>3.3</i>	<i>3.8</i>	<i>4.1</i>	3.6	<i>3.3</i>	<i>4.1</i>
Coke Plants	1.9	1.8	1.7	1.7	1.4	1.9	<i>1.8</i>	<i>1.8</i>	<i>1.5</i>	<i>1.9</i>	<i>1.8</i>	<i>1.8</i>	1.7	<i>1.8</i>	<i>1.8</i>
Coal Market Indicators															
Coal Miner Productivity															
(Tons per hour)	6.23	6.23	6.23	6.23	6.19	6.19	<i>6.19</i>	<i>6.19</i>	<i>6.10</i>	<i>6.10</i>	<i>6.10</i>	<i>6.10</i>	6.23	<i>6.19</i>	<i>6.10</i>
Total Raw Steel Production															
(Million short tons per day)	0.238	0.247	0.238	0.230	0.248	0.247	<i>0.233</i>	<i>0.192</i>	<i>0.238</i>	<i>0.240</i>	<i>0.220</i>	<i>0.181</i>	0.239	<i>0.230</i>	<i>0.220</i>
Cost of Coal to Electric Utilities															
(Dollars per million Btu)	2.13	2.13	2.11	2.08	2.08	2.14	<i>2.20</i>	<i>2.17</i>	<i>2.20</i>	<i>2.20</i>	<i>2.23</i>	<i>2.22</i>	2.11	<i>2.15</i>	<i>2.21</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: EIA Regional Short-Term Energy Model.