

**Table 1. U.S. Energy Markets Summary**

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

	2016				2017				2018				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2016	2017	2018
<b>Energy Supply</b>															
Crude Oil Production (a) (million barrels per day) .....	<b>9.17</b>	<b>8.85</b>	<b>8.67</b>	<b>8.81</b>	<b>9.00</b>	<i>9.20</i>	<i>9.40</i>	<i>9.73</i>	<i>9.95</i>	<i>10.00</i>	<i>9.90</i>	<i>10.17</i>	<b>8.87</b>	<i>9.33</i>	<i>10.01</i>
Dry Natural Gas Production (billion cubic feet per day) .....	<b>73.77</b>	<b>72.38</b>	<b>71.84</b>	<b>71.20</b>	<b>71.40</b>	<i>72.22</i>	<i>74.24</i>	<i>75.28</i>	<i>76.13</i>	<i>76.45</i>	<i>76.43</i>	<i>77.26</i>	<b>72.29</b>	<i>73.30</i>	<i>76.57</i>
Coal Production (million short tons) .....	<b>173</b>	<b>161</b>	<b>195</b>	<b>200</b>	<b>200</b>	<i>184</i>	<i>208</i>	<i>193</i>	<i>195</i>	<i>176</i>	<i>206</i>	<i>209</i>	<b>728</b>	<i>784</i>	<i>787</i>
<b>Energy Consumption</b>															
Liquid Fuels (million barrels per day) .....	<b>19.45</b>	<b>19.42</b>	<b>19.90</b>	<b>19.75</b>	<b>19.49</b>	<i>19.90</i>	<i>20.28</i>	<i>20.11</i>	<i>19.92</i>	<i>20.08</i>	<i>20.57</i>	<i>20.47</i>	<b>19.63</b>	<i>19.95</i>	<i>20.26</i>
Natural Gas (billion cubic feet per day) .....	<b>89.13</b>	<b>66.64</b>	<b>69.07</b>	<b>75.70</b>	<b>85.58</b>	<i>64.09</i>	<i>66.51</i>	<i>77.61</i>	<i>92.21</i>	<i>66.68</i>	<i>67.45</i>		<b>75.12</b>	<i>73.41</i>	<i>76.24</i>
Coal (b) (million short tons) .....	<b>166</b>	<b>160</b>	<b>223</b>	<b>181</b>	<b>174</b>	<i>160</i>	<i>217</i>	<i>180</i>	<i>182</i>	<i>166</i>	<i>215</i>	<i>180</i>	<b>730</b>	<i>731</i>	<i>743</i>
Electricity (billion kilowatt hours per day) .....	<b>10.19</b>	<b>9.96</b>	<b>12.09</b>	<b>9.84</b>	<b>10.11</b>	<i>10.16</i>	<i>11.81</i>	<i>9.92</i>	<i>10.54</i>	<i>10.20</i>	<i>11.84</i>	<i>9.99</i>	<b>10.52</b>	<i>10.50</i>	<i>10.64</i>
Renewables (c) (quadrillion Btu) .....	<b>2.61</b>	<b>2.60</b>	<b>2.44</b>	<b>2.54</b>	<b>2.74</b>	<i>3.01</i>	<i>2.62</i>	<i>2.60</i>	<i>2.72</i>	<i>2.93</i>	<i>2.70</i>	<i>2.69</i>	<b>10.19</b>	<i>10.97</i>	<i>11.03</i>
Total Energy Consumption (d) (quadrillion Btu) .....	<b>25.23</b>	<b>22.95</b>	<b>24.76</b>	<b>24.45</b>	<b>24.72</b>	<i>22.79</i>	<i>24.35</i>	<i>24.41</i>	<i>25.52</i>	<i>23.23</i>	<i>24.61</i>	<i>24.75</i>	<b>97.40</b>	<i>96.27</i>	<i>98.11</i>
<b>Energy Prices</b>															
Crude Oil West Texas Intermediate Spot (dollars per barrel) .....	<b>33.35</b>	<b>45.46</b>	<b>44.85</b>	<b>49.18</b>	<b>51.64</b>	<i>49.82</i>	<i>51.68</i>	<i>50.00</i>	<i>50.35</i>	<i>53.00</i>	<i>55.00</i>	<i>56.00</i>	<b>43.33</b>	<i>50.78</i>	<i>53.61</i>
Natural Gas Henry Hub Spot (dollars per million Btu) .....	<b>2.00</b>	<b>2.14</b>	<b>2.88</b>	<b>3.04</b>	<b>3.01</b>	<i>3.14</i>	<i>3.20</i>	<i>3.29</i>	<i>3.50</i>	<i>3.29</i>	<i>3.32</i>	<i>3.53</i>	<b>2.51</b>	<i>3.16</i>	<i>3.41</i>
Coal (dollars per million Btu) .....	<b>2.13</b>	<b>2.13</b>	<b>2.11</b>	<b>2.08</b>	<b>2.08</b>	<i>2.17</i>	<i>2.21</i>	<i>2.18</i>	<i>2.20</i>	<i>2.20</i>	<i>2.24</i>	<i>2.23</i>	<b>2.11</b>	<i>2.16</i>	<i>2.22</i>
<b>Macroeconomic</b>															
Real Gross Domestic Product (billion chained 2009 dollars - SAAR) .....	<b>16,525</b>	<b>16,583</b>	<b>16,727</b>	<b>16,813</b>	<b>16,842</b>	<i>16,984</i>	<i>17,107</i>	<i>17,212</i>	<i>17,320</i>	<i>17,421</i>	<i>17,527</i>	<i>17,632</i>	<b>16,662</b>	<i>17,036</i>	<i>17,475</i>
Percent change from prior year .....	<b>1.6</b>	<b>1.3</b>	<b>1.7</b>	<b>2.0</b>	<b>1.9</b>	<i>2.4</i>	<i>2.3</i>	<i>2.4</i>	<i>2.8</i>	<i>2.6</i>	<i>2.5</i>	<i>2.4</i>	<b>1.6</b>	<i>2.2</i>	<i>2.6</i>
GDP Implicit Price Deflator (Index, 2009=100) .....	<b>110.6</b>	<b>111.3</b>	<b>111.7</b>	<b>112.2</b>	<b>112.9</b>	<i>113.3</i>	<i>114.0</i>	<i>114.6</i>	<i>115.4</i>	<i>116.0</i>	<i>116.6</i>	<i>117.2</i>	<b>111.5</b>	<i>113.7</i>	<i>116.3</i>
Percent change from prior year .....	<b>1.2</b>	<b>1.2</b>	<b>1.3</b>	<b>1.6</b>	<b>2.0</b>	<i>1.8</i>	<i>2.1</i>	<i>2.1</i>	<i>2.2</i>	<i>2.4</i>	<i>2.3</i>	<i>2.3</i>	<b>1.3</b>	<i>2.0</i>	<i>2.3</i>
Real Disposable Personal Income (billion chained 2009 dollars - SAAR) .....	<b>12,556</b>	<b>12,647</b>	<b>12,738</b>	<b>12,801</b>	<b>12,834</b>	<i>12,949</i>	<i>13,039</i>	<i>13,129</i>	<i>13,313</i>	<i>13,424</i>	<i>13,526</i>	<i>13,638</i>	<b>12,686</b>	<i>12,988</i>	<i>13,475</i>
Percent change from prior year .....	<b>3.1</b>	<b>2.8</b>	<b>2.7</b>	<b>2.5</b>	<b>2.2</b>	<i>2.4</i>	<i>2.4</i>	<i>2.6</i>	<i>3.7</i>	<i>3.7</i>	<i>3.7</i>	<i>3.9</i>	<b>2.8</b>	<i>2.4</i>	<i>3.8</i>
Manufacturing Production Index (Index, 2012=100) .....	<b>102.9</b>	<b>102.6</b>	<b>102.7</b>	<b>103.1</b>	<b>103.8</b>	<i>104.1</i>	<i>104.7</i>	<i>105.4</i>	<i>106.1</i>	<i>106.5</i>	<i>107.1</i>	<i>108.0</i>	<b>102.8</b>	<i>104.5</i>	<i>106.9</i>
Percent change from prior year .....	<b>0.3</b>	<b>0.1</b>	<b>-0.1</b>	<b>0.5</b>	<b>0.9</b>	<i>1.5</i>	<i>2.0</i>	<i>2.2</i>	<i>2.2</i>	<i>2.3</i>	<i>2.3</i>	<i>2.4</i>	<b>0.2</b>	<i>1.7</i>	<i>2.3</i>
<b>Weather</b>															
U.S. Heating Degree-Days .....	<b>1,949</b>	<b>481</b>	<b>51</b>	<b>1,398</b>	<b>1,857</b>	<i>426</i>	<i>75</i>	<i>1,534</i>	<i>2,122</i>	<i>493</i>	<i>75</i>	<i>1,532</i>	<b>3,878</b>	<i>3,892</i>	<i>4,223</i>
U.S. Cooling Degree-Days .....	<b>53</b>	<b>410</b>	<b>964</b>	<b>128</b>	<b>70</b>	<i>415</i>	<i>844</i>	<i>91</i>	<i>39</i>	<i>386</i>	<i>839</i>	<i>91</i>	<b>1,555</b>	<i>1,420</i>	<i>1,356</i>

- = no data available

Prices are not adjusted for inflation.

(a) Includes lease condensate.

(b) Total consumption includes Independent Power Producer (IPP) consumption.

(c) Renewable energy includes minor components of non-marketed renewable energy that is neither bought nor sold, either directly or indirectly, as inputs to marketed energy.

EIA does not estimate or project end-use consumption of non-marketed renewable energy.

(d) The conversion from physical units to Btu is calculated using a subset of conversion factors used in the calculations of gross energy consumption in EIA's Monthly Energy Review. Consequently, the historical data may not precisely match those published in the MER or the Annual Energy Review (AER).

**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: *Petroleum Supply Monthly*, DOE/EIA-0109; *Petroleum Supply Annual*, DOE/EIA-0340/2; *Weekly Petroleum Status Report*, DOE/EIA-0208; *Petroleum Marketing Monthly*, DOE/EIA-0380; *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226; *Quarterly Coal Report*, DOE/EIA-0121; and *International Petroleum Monthly*, DOE/EIA-0520.

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

**Projections:** EIA Regional Short-Term Energy Model. Macroeconomic projections are based on Global Insight Model of the U.S. Economy.

Weather projections from National Oceanic and Atmospheric Administration.