

**Table 5a. U.S. Natural Gas Supply, Consumption, and Inventories**

U.S. Energy Information Administration | Short-Term Energy Outlook - May 2023

	2022				2023				2024				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024
<b>Supply (billion cubic feet per day)</b>															
Total Marketed Production .....	<b>103.27</b>	<b>106.18</b>	<b>108.27</b>	<b>108.90</b>	<b>110.70</b>	<i>110.51</i>	<i>108.31</i>	<i>108.87</i>	<i>109.18</i>	<i>109.55</i>	<i>109.90</i>	<i>110.35</i>	<b>106.67</b>	<i>109.59</i>	<i>109.75</i>
Alaska .....	<b>1.06</b>	<b>1.00</b>	<b>0.96</b>	<b>1.07</b>	<b>1.08</b>	<i>0.96</i>	<i>0.86</i>	<i>0.98</i>	<i>1.00</i>	<i>0.92</i>	<i>0.84</i>	<i>0.97</i>	<b>1.02</b>	<i>0.97</i>	<i>0.93</i>
Federal GOM (a) .....	<b>2.05</b>	<b>2.11</b>	<b>2.19</b>	<b>2.12</b>	<b>2.23</b>	<i>2.32</i>	<i>2.23</i>	<i>2.23</i>	<i>2.24</i>	<i>2.17</i>	<i>2.03</i>	<i>2.04</i>	<b>2.12</b>	<i>2.26</i>	<i>2.12</i>
Lower 48 States (excl GOM) .....	<b>100.16</b>	<b>103.07</b>	<b>105.12</b>	<b>105.71</b>	<b>107.39</b>	<i>107.23</i>	<i>105.22</i>	<i>105.65</i>	<i>105.94</i>	<i>106.45</i>	<i>107.02</i>	<i>107.34</i>	<b>103.53</b>	<i>106.37</i>	<i>106.69</i>
Total Dry Gas Production .....	<b>95.09</b>	<b>97.59</b>	<b>99.46</b>	<b>100.29</b>	<b>102.11</b>	<i>101.93</i>	<i>99.91</i>	<i>100.42</i>	<i>100.71</i>	<i>101.05</i>	<i>101.38</i>	<i>101.80</i>	<b>98.13</b>	<i>101.09</i>	<i>101.24</i>
LNG Gross Imports .....	<b>0.15</b>	<b>0.01</b>	<b>0.07</b>	<b>0.05</b>	<b>0.09</b>	<i>0.04</i>	<i>0.04</i>	<i>0.06</i>	<i>0.10</i>	<i>0.04</i>	<i>0.04</i>	<i>0.06</i>	<b>0.07</b>	<i>0.06</i>	<i>0.06</i>
LNG Gross Exports .....	<b>11.50</b>	<b>10.80</b>	<b>9.74</b>	<b>10.35</b>	<b>11.61</b>	<i>12.32</i>	<i>12.17</i>	<i>12.33</i>	<i>12.70</i>	<i>12.60</i>	<i>12.31</i>	<i>13.30</i>	<b>10.59</b>	<i>12.11</i>	<i>12.73</i>
Pipeline Gross Imports .....	<b>8.89</b>	<b>7.73</b>	<b>7.84</b>	<b>8.41</b>	<b>8.40</b>	<i>6.95</i>	<i>7.07</i>	<i>7.45</i>	<i>8.18</i>	<i>6.81</i>	<i>7.04</i>	<i>7.44</i>	<b>8.22</b>	<i>7.46</i>	<i>7.36</i>
Pipeline Gross Exports .....	<b>8.46</b>	<b>8.50</b>	<b>8.10</b>	<b>8.19</b>	<b>8.85</b>	<i>8.44</i>	<i>8.79</i>	<i>9.20</i>	<i>9.49</i>	<i>8.88</i>	<i>9.21</i>	<i>9.64</i>	<b>8.31</b>	<i>8.82</i>	<i>9.31</i>
Supplemental Gaseous Fuels .....	<b>0.21</b>	<b>0.17</b>	<b>0.18</b>	<b>0.16</b>	<b>0.19</b>	<i>0.18</i>	<i>0.18</i>	<i>0.18</i>	<i>0.18</i>	<i>0.18</i>	<i>0.18</i>	<i>0.18</i>	<b>0.18</b>	<i>0.18</i>	<i>0.18</i>
Net Inventory Withdrawals .....	<b>20.14</b>	<b>-10.25</b>	<b>-8.94</b>	<b>2.35</b>	<b>11.86</b>	<i>-11.10</i>	<i>-6.24</i>	<i>3.79</i>	<i>14.99</i>	<i>-12.70</i>	<i>-8.10</i>	<i>3.38</i>	<b>0.75</b>	<i>-0.46</i>	<i>-0.62</i>
Total Supply .....	<b>104.52</b>	<b>75.96</b>	<b>80.76</b>	<b>92.73</b>	<b>102.20</b>	<i>77.25</i>	<i>80.00</i>	<i>90.36</i>	<i>101.97</i>	<i>73.90</i>	<i>79.02</i>	<i>89.92</i>	<b>88.44</b>	<i>87.40</i>	<i>86.19</i>
Balancing Item (b) .....	<b>0.30</b>	<b>0.17</b>	<b>0.01</b>	<b>-0.11</b>	<b>0.15</b>	<i>-0.69</i>	<i>0.80</i>	<i>0.28</i>	<i>-0.89</i>	<i>-0.15</i>	<i>0.95</i>	<i>-0.47</i>	<b>0.09</b>	<i>0.14</i>	<i>-0.14</i>
Total Primary Supply .....	<b>104.83</b>	<b>76.13</b>	<b>80.77</b>	<b>92.62</b>	<b>102.35</b>	<i>76.56</i>	<i>80.80</i>	<i>90.64</i>	<i>101.08</i>	<i>73.75</i>	<i>79.97</i>	<i>89.44</i>	<b>88.53</b>	<i>87.54</i>	<i>86.05</i>
<b>Consumption (billion cubic feet per day)</b>															
Residential .....	<b>26.09</b>	<b>7.86</b>	<b>3.57</b>	<b>17.37</b>	<b>23.64</b>	<i>8.27</i>	<i>4.27</i>	<i>16.64</i>	<i>24.82</i>	<i>7.86</i>	<i>4.32</i>	<i>16.64</i>	<b>13.67</b>	<i>13.16</i>	<i>13.39</i>
Commercial .....	<b>15.61</b>	<b>6.67</b>	<b>4.74</b>	<b>11.69</b>	<b>14.33</b>	<i>7.23</i>	<i>5.52</i>	<i>11.42</i>	<i>14.61</i>	<i>6.97</i>	<i>5.49</i>	<i>11.37</i>	<b>9.66</b>	<i>9.61</i>	<i>9.60</i>
Industrial .....	<b>25.46</b>	<b>22.25</b>	<b>21.47</b>	<b>23.51</b>	<b>24.41</b>	<i>21.47</i>	<i>21.05</i>	<i>23.10</i>	<i>23.84</i>	<i>20.85</i>	<i>20.66</i>	<i>22.84</i>	<b>23.16</b>	<i>22.50</i>	<i>22.05</i>
Electric Power (c) .....	<b>28.39</b>	<b>30.99</b>	<b>42.36</b>	<b>30.94</b>	<b>30.43</b>	<i>31.03</i>	<i>41.36</i>	<i>30.47</i>	<i>28.37</i>	<i>29.68</i>	<i>40.84</i>	<i>29.55</i>	<b>33.20</b>	<i>33.34</i>	<i>32.13</i>
Lease and Plant Fuel .....	<b>5.26</b>	<b>5.41</b>	<b>5.51</b>	<b>5.55</b>	<b>5.64</b>	<i>5.63</i>	<i>5.52</i>	<i>5.54</i>	<i>5.56</i>	<i>5.58</i>	<i>5.60</i>	<i>5.62</i>	<b>5.43</b>	<i>5.58</i>	<i>5.59</i>
Pipeline and Distribution Use .....	<b>3.86</b>	<b>2.80</b>	<b>2.98</b>	<b>3.41</b>	<b>3.76</b>	<i>2.78</i>	<i>2.95</i>	<i>3.32</i>	<i>3.72</i>	<i>2.68</i>	<i>2.91</i>	<i>3.28</i>	<b>3.26</b>	<i>3.20</i>	<i>3.15</i>
Vehicle Use .....	<b>0.15</b>	<b>0.15</b>	<b>0.15</b>	<b>0.15</b>	<b>0.15</b>	<i>0.15</i>	<i>0.15</i>	<i>0.15</i>	<i>0.15</i>	<i>0.15</i>	<i>0.15</i>	<i>0.15</i>	<b>0.15</b>	<i>0.15</i>	<i>0.15</i>
Total Consumption .....	<b>104.83</b>	<b>76.13</b>	<b>80.77</b>	<b>92.62</b>	<b>102.35</b>	<i>76.56</i>	<i>80.80</i>	<i>90.64</i>	<i>101.08</i>	<i>73.75</i>	<i>79.97</i>	<i>89.44</i>	<b>88.53</b>	<i>87.54</i>	<i>86.05</i>
<b>End-of-period Inventories (billion cubic feet)</b>															
Working Gas Inventory .....	<b>1,401</b>	<b>2,325</b>	<b>3,146</b>	<b>2,927</b>	<b>1,857</b>	<i>2,867</i>	<i>3,441</i>	<i>3,092</i>	<i>1,728</i>	<i>2,884</i>	<i>3,629</i>	<i>3,318</i>	<b>2,927</b>	<i>3,092</i>	<i>3,318</i>
East Region (d) .....	<b>242</b>	<b>482</b>	<b>759</b>	<b>698</b>	<b>335</b>	<i>638</i>	<i>849</i>	<i>712</i>	<i>307</i>	<i>623</i>	<i>865</i>	<i>754</i>	<b>698</b>	<i>712</i>	<i>754</i>
Midwest Region (d) .....	<b>296</b>	<b>557</b>	<b>917</b>	<b>831</b>	<b>421</b>	<i>702</i>	<i>986</i>	<i>847</i>	<i>370</i>	<i>691</i>	<i>1,027</i>	<i>900</i>	<b>831</b>	<i>847</i>	<i>900</i>
South Central Region (d) .....	<b>587</b>	<b>885</b>	<b>1,006</b>	<b>1,042</b>	<b>921</b>	<i>1,154</i>	<i>1,115</i>	<i>1,091</i>	<i>750</i>	<i>1,109</i>	<i>1,176</i>	<i>1,159</i>	<b>1,042</b>	<i>1,091</i>	<i>1,159</i>
Mountain Region (d) .....	<b>90</b>	<b>137</b>	<b>184</b>	<b>158</b>	<b>80</b>	<i>150</i>	<i>217</i>	<i>186</i>	<i>121</i>	<i>162</i>	<i>223</i>	<i>193</i>	<b>158</b>	<i>186</i>	<i>193</i>
Pacific Region (d) .....	<b>165</b>	<b>240</b>	<b>247</b>	<b>169</b>	<b>73</b>	<i>194</i>	<i>241</i>	<i>227</i>	<i>156</i>	<i>270</i>	<i>305</i>	<i>283</i>	<b>169</b>	<i>227</i>	<i>283</i>
Alaska .....	<b>21</b>	<b>25</b>	<b>32</b>	<b>30</b>	<b>27</b>	<i>29</i>	<i>34</i>	<i>31</i>	<i>25</i>	<i>28</i>	<i>33</i>	<i>29</i>	<b>30</b>	<i>31</i>	<i>29</i>

(a) Marketed production from U.S. Federal leases in the Gulf of Mexico.

(b) The balancing item represents the difference between the sum of the components of natural gas supply and the sum of components of natural gas demand.

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

(d) For a list of States in each inventory region refer to *Weekly Natural Gas Storage Report, Notes and Definitions* (<http://ir.eia.gov/hgs/notes.html>).

- = no data available

LNG: liquefied natural gas.

Notes: EIA completed modeling and analysis for this report on May 4, 2022.

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: *Natural Gas Monthly*, DOE/EIA-0130; and *Electric Power Monthly*, Minor discrepancies with published historical data are due to independent rounding.

**Forecasts:** EIA Short-Term Integrated Forecasting System.