

**Table 3b. Non-OPEC Petroleum and Other Liquids Production (million barrels per day)**  
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>North America</b> .....	<b>27.01</b>	<b>27.52</b>	<b>28.22</b>	<b>28.48</b>	<b>28.79</b>	<i>28.82</i>	<i>29.01</i>	<i>29.37</i>	<i>29.42</i>	<i>29.27</i>	<i>29.65</i>	<i>30.01</i>	<b>27.82</b>	<i>29.00</i>	<i>29.59</i>
Canada .....	<b>5.66</b>	<b>5.51</b>	<b>5.72</b>	<b>5.91</b>	<b>5.89</b>	<i>5.70</i>	<i>5.93</i>	<i>6.14</i>	<i>6.22</i>	<i>5.93</i>	<i>6.13</i>	<i>6.35</i>	<b>5.70</b>	<i>5.92</i>	<i>6.16</i>
Mexico .....	<b>1.91</b>	<b>1.89</b>	<b>1.90</b>	<b>1.90</b>	<b>1.97</b>	<i>1.97</i>	<i>1.97</i>	<i>1.95</i>	<i>1.97</i>	<i>1.96</i>	<i>1.93</i>	<i>1.89</i>	<b>1.90</b>	<i>1.96</i>	<i>1.94</i>
United States .....	<b>19.44</b>	<b>20.12</b>	<b>20.60</b>	<b>20.67</b>	<b>20.93</b>	<i>21.15</i>	<i>21.11</i>	<i>21.27</i>	<i>21.24</i>	<i>21.39</i>	<i>21.59</i>	<i>21.78</i>	<b>20.21</b>	<i>21.12</i>	<i>21.50</i>
<b>Central and South America</b> .....	<b>5.83</b>	<b>6.41</b>	<b>6.86</b>	<b>6.58</b>	<b>6.29</b>	<i>6.89</i>	<i>7.21</i>	<i>6.90</i>	<i>6.51</i>	<i>7.14</i>	<i>7.55</i>	<i>7.30</i>	<b>6.42</b>	<i>6.82</i>	<i>7.12</i>
Argentina .....	<b>0.77</b>	<b>0.78</b>	<b>0.79</b>	<b>0.82</b>	<b>0.81</b>	<i>0.85</i>	<i>0.85</i>	<i>0.89</i>	<i>0.85</i>	<i>0.90</i>	<i>0.90</i>	<i>0.94</i>	<b>0.79</b>	<i>0.85</i>	<i>0.90</i>
Brazil .....	<b>3.33</b>	<b>3.79</b>	<b>4.15</b>	<b>3.78</b>	<b>3.52</b>	<i>4.07</i>	<i>4.41</i>	<i>3.98</i>	<i>3.65</i>	<i>4.21</i>	<i>4.55</i>	<i>4.12</i>	<b>3.76</b>	<i>4.00</i>	<i>4.13</i>
Colombia .....	<b>0.77</b>	<b>0.77</b>	<b>0.78</b>	<b>0.79</b>	<b>0.78</b>	<i>0.78</i>	<i>0.78</i>	<i>0.81</i>	<i>0.77</i>	<i>0.77</i>	<i>0.78</i>	<i>0.80</i>	<b>0.78</b>	<i>0.79</i>	<i>0.78</i>
Ecuador .....	<b>0.48</b>	<b>0.47</b>	<b>0.49</b>	<b>0.49</b>	<b>0.48</b>	<i>0.47</i>	<i>0.48</i>	<i>0.48</i>	<i>0.48</i>	<i>0.50</i>	<i>0.51</i>	<i>0.51</i>	<b>0.48</b>	<i>0.48</i>	<i>0.50</i>
Guyana .....	<b>0.12</b>	<b>0.24</b>	<b>0.32</b>	<b>0.35</b>	<b>0.35</b>	<i>0.36</i>	<i>0.36</i>	<i>0.39</i>	<i>0.42</i>	<i>0.42</i>	<i>0.49</i>	<i>0.60</i>	<b>0.26</b>	<i>0.36</i>	<i>0.48</i>
<b>Europe</b> .....	<b>4.04</b>	<b>3.76</b>	<b>3.81</b>	<b>3.93</b>	<b>4.01</b>	<i>4.34</i>	<i>4.28</i>	<i>4.46</i>	<i>4.49</i>	<i>4.40</i>	<i>4.31</i>	<i>4.57</i>	<b>3.89</b>	<i>4.27</i>	<i>4.44</i>
Norway .....	<b>1.97</b>	<b>1.74</b>	<b>1.91</b>	<b>1.99</b>	<b>2.02</b>	<i>2.30</i>	<i>2.30</i>	<i>2.39</i>	<i>2.42</i>	<i>2.36</i>	<i>2.36</i>	<i>2.53</i>	<b>1.90</b>	<i>2.25</i>	<i>2.42</i>
United Kingdom .....	<b>0.97</b>	<b>0.91</b>	<b>0.80</b>	<b>0.84</b>	<b>0.87</b>	<i>0.91</i>	<i>0.83</i>	<i>0.92</i>	<i>0.92</i>	<i>0.91</i>	<i>0.81</i>	<i>0.90</i>	<b>0.88</b>	<i>0.88</i>	<i>0.89</i>
<b>Eurasia</b> .....	<b>14.39</b>	<b>13.39</b>	<b>13.56</b>	<b>13.90</b>	<b>14.04</b>	<i>13.46</i>	<i>13.47</i>	<i>13.55</i>	<i>13.62</i>	<i>13.61</i>	<i>13.59</i>	<i>13.67</i>	<b>13.81</b>	<i>13.63</i>	<i>13.62</i>
Azerbaijan .....	<b>0.70</b>	<b>0.67</b>	<b>0.65</b>	<b>0.67</b>	<b>0.65</b>	<i>0.64</i>	<i>0.64</i>	<i>0.65</i>	<i>0.65</i>	<i>0.65</i>	<i>0.65</i>	<i>0.66</i>	<b>0.67</b>	<i>0.64</i>	<i>0.65</i>
Kazakhstan .....	<b>2.01</b>	<b>1.77</b>	<b>1.62</b>	<b>1.92</b>	<b>2.02</b>	<i>1.96</i>	<i>1.92</i>	<i>1.99</i>	<i>2.06</i>	<i>2.05</i>	<i>2.03</i>	<i>2.10</i>	<b>1.83</b>	<i>1.97</i>	<i>2.06</i>
Russia .....	<b>11.30</b>	<b>10.59</b>	<b>10.92</b>	<b>10.95</b>	<b>10.97</b>	<i>10.44</i>	<i>10.51</i>	<i>10.51</i>	<i>10.51</i>	<i>10.51</i>	<i>10.51</i>	<i>10.51</i>	<b>10.94</b>	<i>10.61</i>	<i>10.51</i>
Turkmenistan .....	<b>0.26</b>	<b>0.26</b>	<b>0.26</b>	<b>0.26</b>	<b>0.27</b>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<i>0.27</i>	<b>0.26</b>	<i>0.27</i>	<i>0.27</i>
<b>Middle East</b> .....	<b>3.23</b>	<b>3.29</b>	<b>3.34</b>	<b>3.28</b>	<b>3.19</b>	<i>3.17</i>	<i>3.19</i>	<i>3.19</i>	<i>3.23</i>	<i>3.23</i>	<i>3.22</i>	<i>3.22</i>	<b>3.28</b>	<i>3.18</i>	<i>3.23</i>
Oman .....	<b>1.05</b>	<b>1.07</b>	<b>1.10</b>	<b>1.08</b>	<b>1.07</b>	<i>1.03</i>	<i>1.02</i>	<i>1.02</i>	<i>1.04</i>	<i>1.04</i>	<i>1.04</i>	<i>1.04</i>	<b>1.07</b>	<i>1.03</i>	<i>1.04</i>
Qatar .....	<b>1.85</b>	<b>1.86</b>	<b>1.86</b>	<b>1.86</b>	<b>1.86</b>	<i>1.86</i>	<i>1.86</i>	<i>1.86</i>	<i>1.86</i>	<i>1.86</i>	<i>1.86</i>	<i>1.86</i>	<b>1.86</b>	<i>1.86</i>	<i>1.86</i>
<b>Asia and Oceania</b> .....	<b>9.16</b>	<b>9.17</b>	<b>8.87</b>	<b>8.98</b>	<b>9.30</b>	<i>9.25</i>	<i>9.22</i>	<i>9.24</i>	<i>9.18</i>	<i>9.18</i>	<i>9.17</i>	<i>9.19</i>	<b>9.04</b>	<i>9.25</i>	<i>9.18</i>
Australia .....	<b>0.44</b>	<b>0.47</b>	<b>0.39</b>	<b>0.43</b>	<b>0.42</b>	<i>0.43</i>	<i>0.43</i>	<i>0.42</i>	<i>0.41</i>	<i>0.40</i>	<i>0.40</i>	<i>0.39</i>	<b>0.43</b>	<i>0.42</i>	<i>0.40</i>
China .....	<b>5.18</b>	<b>5.18</b>	<b>5.05</b>	<b>5.09</b>	<b>5.32</b>	<i>5.24</i>	<i>5.23</i>	<i>5.28</i>	<i>5.21</i>	<i>5.24</i>	<i>5.23</i>	<i>5.27</i>	<b>5.12</b>	<i>5.27</i>	<i>5.24</i>
India .....	<b>0.88</b>	<b>0.89</b>	<b>0.87</b>	<b>0.85</b>	<b>0.88</b>	<i>0.91</i>	<i>0.90</i>	<i>0.89</i>	<i>0.91</i>	<i>0.91</i>	<i>0.91</i>	<i>0.90</i>	<b>0.87</b>	<i>0.90</i>	<i>0.91</i>
Indonesia .....	<b>0.84</b>	<b>0.83</b>	<b>0.81</b>	<b>0.83</b>	<b>0.84</b>	<i>0.84</i>	<i>0.83</i>	<i>0.82</i>	<i>0.81</i>	<i>0.81</i>	<i>0.80</i>	<i>0.80</i>	<b>0.83</b>	<i>0.83</i>	<i>0.80</i>
Malaysia .....	<b>0.61</b>	<b>0.60</b>	<b>0.58</b>	<b>0.61</b>	<b>0.61</b>	<i>0.60</i>	<i>0.59</i>	<i>0.59</i>	<i>0.58</i>	<i>0.58</i>	<i>0.57</i>	<i>0.57</i>	<b>0.60</b>	<i>0.60</i>	<i>0.57</i>
<b>Africa</b> .....	<b>1.40</b>	<b>1.43</b>	<b>1.44</b>	<b>1.44</b>	<b>1.40</b>	<i>1.43</i>	<i>1.43</i>	<i>1.42</i>	<i>1.39</i>	<i>1.38</i>	<i>1.38</i>	<i>1.37</i>	<b>1.43</b>	<i>1.42</i>	<i>1.38</i>
Egypt .....	<b>0.66</b>	<b>0.68</b>	<b>0.67</b>	<b>0.67</b>	<b>0.68</b>	<i>0.69</i>	<i>0.69</i>	<i>0.69</i>	<i>0.66</i>	<i>0.66</i>	<i>0.66</i>	<i>0.66</i>	<b>0.67</b>	<i>0.69</i>	<i>0.66</i>
South Sudan .....	<b>0.15</b>	<b>0.15</b>	<b>0.16</b>	<b>0.15</b>	<b>0.13</b>	<i>0.15</i>	<i>0.16</i>	<i>0.16</i>	<i>0.17</i>	<i>0.17</i>	<i>0.17</i>	<i>0.17</i>	<b>0.16</b>	<i>0.15</i>	<i>0.17</i>
<b>Total non-OPEC liquids</b> .....	<b>65.08</b>	<b>64.98</b>	<b>66.09</b>	<b>66.58</b>	<b>67.02</b>	<i>67.35</i>	<i>67.81</i>	<i>68.13</i>	<i>67.83</i>	<i>68.21</i>	<i>68.88</i>	<i>69.34</i>	<b>65.69</b>	<i>67.58</i>	<i>68.57</i>
<b>OPEC non-crude liquids</b> .....	<b>5.56</b>	<b>5.43</b>	<b>5.48</b>	<b>5.52</b>	<b>5.49</b>	<i>5.36</i>	<i>5.40</i>	<i>5.44</i>	<i>5.53</i>	<i>5.40</i>	<i>5.44</i>	<i>5.48</i>	<b>5.50</b>	<i>5.42</i>	<i>5.46</i>
<b>Non-OPEC + OPEC non-crude</b> .....	<b>70.64</b>	<b>70.41</b>	<b>71.57</b>	<b>72.10</b>	<b>72.51</b>	<i>72.71</i>	<i>73.21</i>	<i>73.57</i>	<i>73.36</i>	<i>73.61</i>	<i>74.31</i>	<i>74.82</i>	<b>71.18</b>	<i>73.00</i>	<i>74.03</i>
<b>Unplanned non-OPEC Production Outages</b> .....	<b>0.76</b>	<b>1.31</b>	<b>0.78</b>	<b>0.56</b>	<b>0.55</b>	-	-	-	-	-	-	-	<b>0.85</b>	-	-

- = no data available

OPEC = Organization of the Petroleum Exporting Countries: Algeria, Angola, Congo (Brazzaville), Equatorial Guinea, Gabon, Iran, Iraq, Kuwait, Libya, Nigeria, Saudi Arabia, the United Arab Emirates, Venezuela.

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.

Supply includes production of crude oil (including lease condensates), natural gas plant liquids, biofuels, other liquids, and refinery processing gains.

Not all countries are shown in each region and sum of reported country volumes may not equal regional volumes.

**Historical data:** Latest data available from Energy Information Administration international energy statistics.

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

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