

**Table 3a. International Petroleum and Other Liquids Production, Consumption, and Inventories**

U.S. Energy Information Administration | Short-Term Energy Outlook - November 2021

	2020				2021				2022				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2020	2021	2022
<b>Supply (million barrels per day) (a)</b>															
OECD .....	<b>33.05</b>	<b>29.27</b>	<b>29.95</b>	<b>30.66</b>	<b>30.18</b>	<b>30.88</b>	<b>31.15</b>	<b>32.22</b>	<i>32.54</i>	<i>32.65</i>	<i>32.93</i>	<i>33.44</i>	<b>30.73</b>	<i>31.11</i>	<i>32.89</i>
U.S. (50 States) .....	<b>20.33</b>	<b>17.44</b>	<b>18.29</b>	<b>18.29</b>	<b>17.62</b>	<b>19.05</b>	<b>18.87</b>	<b>19.44</b>	<i>19.69</i>	<i>19.96</i>	<i>20.34</i>	<i>20.60</i>	<b>18.58</b>	<i>18.75</i>	<i>20.15</i>
Canada .....	<b>5.64</b>	<b>4.90</b>	<b>4.94</b>	<b>5.54</b>	<b>5.63</b>	<b>5.40</b>	<b>5.52</b>	<b>5.80</b>	<i>5.84</i>	<i>5.81</i>	<i>5.83</i>	<i>5.86</i>	<b>5.26</b>	<i>5.59</i>	<i>5.84</i>
Mexico .....	<b>2.00</b>	<b>1.94</b>	<b>1.91</b>	<b>1.90</b>	<b>1.93</b>	<b>1.95</b>	<b>1.91</b>	<b>1.91</b>	<i>1.94</i>	<i>1.90</i>	<i>1.86</i>	<i>1.83</i>	<b>1.94</b>	<i>1.93</i>	<i>1.88</i>
Other OECD .....	<b>5.08</b>	<b>4.99</b>	<b>4.81</b>	<b>4.93</b>	<b>5.00</b>	<b>4.47</b>	<b>4.86</b>	<b>5.06</b>	<i>5.07</i>	<i>4.98</i>	<i>4.89</i>	<i>5.15</i>	<b>4.95</b>	<i>4.85</i>	<i>5.02</i>
Non-OECD .....	<b>67.70</b>	<b>63.03</b>	<b>61.06</b>	<b>62.08</b>	<b>62.62</b>	<b>63.90</b>	<b>65.67</b>	<b>67.18</b>	<i>67.37</i>	<i>68.45</i>	<i>69.17</i>	<i>69.09</i>	<b>63.46</b>	<i>64.86</i>	<i>68.53</i>
OPEC .....	<b>33.50</b>	<b>30.72</b>	<b>28.65</b>	<b>30.00</b>	<b>30.36</b>	<b>30.76</b>	<b>32.23</b>	<b>33.32</b>	<i>33.70</i>	<i>33.84</i>	<i>34.01</i>	<i>34.05</i>	<b>30.71</b>	<i>31.68</i>	<i>33.90</i>
Crude Oil Portion .....	<b>28.28</b>	<b>25.65</b>	<b>23.63</b>	<b>24.88</b>	<b>25.08</b>	<b>25.49</b>	<b>26.87</b>	<b>27.88</b>	<i>28.10</i>	<i>28.38</i>	<i>28.49</i>	<i>28.49</i>	<b>25.60</b>	<i>26.34</i>	<i>28.37</i>
Other Liquids (b) .....	<b>5.22</b>	<b>5.07</b>	<b>5.02</b>	<b>5.12</b>	<b>5.29</b>	<b>5.27</b>	<b>5.36</b>	<b>5.43</b>	<i>5.59</i>	<i>5.47</i>	<i>5.52</i>	<i>5.56</i>	<b>5.11</b>	<i>5.34</i>	<i>5.53</i>
Eurasia .....	<b>14.72</b>	<b>13.17</b>	<b>12.70</b>	<b>13.12</b>	<b>13.38</b>	<b>13.62</b>	<b>13.59</b>	<b>14.19</b>	<i>14.42</i>	<i>14.59</i>	<i>14.72</i>	<i>14.89</i>	<b>13.42</b>	<i>13.70</i>	<i>14.66</i>
China .....	<b>4.97</b>	<b>4.92</b>	<b>4.96</b>	<b>4.91</b>	<b>5.05</b>	<b>5.09</b>	<b>5.09</b>	<b>5.07</b>	<i>5.06</i>	<i>5.09</i>	<i>5.09</i>	<i>5.14</i>	<b>4.94</b>	<i>5.07</i>	<i>5.09</i>
Other Non-OECD .....	<b>14.51</b>	<b>14.22</b>	<b>14.75</b>	<b>14.04</b>	<b>13.82</b>	<b>14.43</b>	<b>14.75</b>	<b>14.60</b>	<i>14.20</i>	<i>14.92</i>	<i>15.35</i>	<i>15.02</i>	<b>14.38</b>	<i>14.41</i>	<i>14.88</i>
Total World Supply .....	<b>100.74</b>	<b>92.30</b>	<b>91.01</b>	<b>92.74</b>	<b>92.80</b>	<b>94.78</b>	<b>96.82</b>	<b>99.40</b>	<i>99.90</i>	<i>101.09</i>	<i>102.10</i>	<i>102.53</i>	<b>94.19</b>	<i>95.97</i>	<i>101.42</i>
Non-OPEC Supply .....	<b>67.24</b>	<b>61.58</b>	<b>62.36</b>	<b>62.74</b>	<b>62.44</b>	<b>64.01</b>	<b>64.58</b>	<b>66.08</b>	<i>66.21</i>	<i>67.25</i>	<i>68.09</i>	<i>68.48</i>	<b>63.48</b>	<i>64.29</i>	<i>67.52</i>
<b>Consumption (million barrels per day) (c)</b>															
OECD .....	<b>45.50</b>	<b>37.45</b>	<b>42.27</b>	<b>42.84</b>	<b>42.30</b>	<b>43.94</b>	<b>45.40</b>	<b>45.85</b>	<i>45.31</i>	<i>44.95</i>	<i>46.01</i>	<i>45.97</i>	<b>42.02</b>	<i>44.38</i>	<i>45.56</i>
U.S. (50 States) .....	<b>19.50</b>	<b>16.07</b>	<b>18.45</b>	<b>18.72</b>	<b>18.45</b>	<b>20.03</b>	<b>20.14</b>	<b>20.07</b>	<i>19.75</i>	<i>20.27</i>	<i>20.81</i>	<i>20.65</i>	<b>18.19</b>	<i>19.68</i>	<i>20.37</i>
U.S. Territories .....	<b>0.17</b>	<b>0.15</b>	<b>0.16</b>	<b>0.17</b>	<b>0.20</b>	<b>0.18</b>	<b>0.18</b>	<b>0.20</b>	<i>0.20</i>	<i>0.18</i>	<i>0.19</i>	<i>0.20</i>	<b>0.16</b>	<i>0.19</i>	<i>0.19</i>
Canada .....	<b>2.42</b>	<b>1.97</b>	<b>2.25</b>	<b>2.14</b>	<b>2.12</b>	<b>2.16</b>	<b>2.42</b>	<b>2.42</b>	<i>2.37</i>	<i>2.32</i>	<i>2.42</i>	<i>2.40</i>	<b>2.19</b>	<i>2.28</i>	<i>2.38</i>
Europe .....	<b>13.34</b>	<b>11.01</b>	<b>12.88</b>	<b>12.51</b>	<b>11.90</b>	<b>12.57</b>	<b>13.68</b>	<b>13.56</b>	<i>13.20</i>	<i>13.22</i>	<i>13.51</i>	<i>13.16</i>	<b>12.43</b>	<i>12.94</i>	<i>13.27</i>
Japan .....	<b>3.78</b>	<b>2.93</b>	<b>3.06</b>	<b>3.53</b>	<b>3.73</b>	<b>3.08</b>	<b>3.08</b>	<b>3.43</b>	<i>3.66</i>	<i>2.98</i>	<i>3.07</i>	<i>3.39</i>	<b>3.33</b>	<i>3.33</i>	<i>3.27</i>
Other OECD .....	<b>6.30</b>	<b>5.34</b>	<b>5.47</b>	<b>5.77</b>	<b>5.89</b>	<b>5.91</b>	<b>5.90</b>	<b>6.17</b>	<i>6.13</i>	<i>5.97</i>	<i>6.01</i>	<i>6.17</i>	<b>5.72</b>	<i>5.97</i>	<i>6.07</i>
Non-OECD .....	<b>50.33</b>	<b>47.44</b>	<b>51.21</b>	<b>52.59</b>	<b>52.39</b>	<b>52.75</b>	<b>53.20</b>	<b>54.25</b>	<i>54.52</i>	<i>55.48</i>	<i>55.58</i>	<i>55.67</i>	<b>50.40</b>	<i>53.15</i>	<i>55.32</i>
Eurasia .....	<b>4.86</b>	<b>4.48</b>	<b>5.28</b>	<b>5.17</b>	<b>4.96</b>	<b>5.04</b>	<b>5.44</b>	<b>5.26</b>	<i>5.09</i>	<i>5.16</i>	<i>5.56</i>	<i>5.41</i>	<b>4.95</b>	<i>5.18</i>	<i>5.31</i>
Europe .....	<b>0.71</b>	<b>0.69</b>	<b>0.71</b>	<b>0.72</b>	<b>0.73</b>	<b>0.74</b>	<b>0.74</b>	<b>0.75</b>	<i>0.75</i>	<i>0.75</i>	<i>0.75</i>	<i>0.76</i>	<b>0.71</b>	<i>0.74</i>	<i>0.75</i>
China .....	<b>13.89</b>	<b>14.08</b>	<b>14.65</b>	<b>15.11</b>	<b>15.30</b>	<b>15.51</b>	<b>15.02</b>	<b>15.49</b>	<i>15.81</i>	<i>15.98</i>	<i>15.69</i>	<i>15.96</i>	<b>14.43</b>	<i>15.33</i>	<i>15.86</i>
Other Asia .....	<b>13.35</b>	<b>11.63</b>	<b>12.59</b>	<b>13.61</b>	<b>13.76</b>	<b>13.24</b>	<b>13.13</b>	<b>13.94</b>	<i>14.34</i>	<i>14.46</i>	<i>14.04</i>	<i>14.43</i>	<b>12.80</b>	<i>13.52</i>	<i>14.31</i>
Other Non-OECD .....	<b>17.53</b>	<b>16.55</b>	<b>17.98</b>	<b>17.99</b>	<b>17.64</b>	<b>18.22</b>	<b>18.86</b>	<b>18.81</b>	<i>18.54</i>	<i>19.13</i>	<i>19.55</i>	<i>19.11</i>	<b>17.51</b>	<i>18.39</i>	<i>19.08</i>
Total World Consumption .....	<b>95.83</b>	<b>84.90</b>	<b>93.47</b>	<b>95.43</b>	<b>94.68</b>	<b>96.69</b>	<b>98.59</b>	<b>100.10</b>	<i>99.83</i>	<i>100.43</i>	<i>101.59</i>	<i>101.64</i>	<b>92.42</b>	<i>97.53</i>	<i>100.88</i>
<b>Total Crude Oil and Other Liquids Inventory Net Withdrawals (million barrels per day)</b>															
U.S. (50 States) .....	<b>-0.49</b>	<b>-1.67</b>	<b>0.53</b>	<b>0.91</b>	<b>0.47</b>	<b>0.51</b>	<b>0.40</b>	<b>0.45</b>	<i>-0.12</i>	<i>-0.69</i>	<i>-0.07</i>	<i>0.40</i>	<b>-0.18</b>	<i>0.46</i>	<i>-0.12</i>
Other OECD .....	<b>-0.51</b>	<b>-1.16</b>	<b>0.04</b>	<b>0.69</b>	<b>0.77</b>	<b>0.13</b>	<b>0.62</b>	<b>0.08</b>	<i>0.02</i>	<i>0.01</i>	<i>-0.14</i>	<i>-0.40</i>	<b>-0.23</b>	<i>0.40</i>	<i>-0.13</i>
Other Stock Draws and Balance .....	<b>-3.92</b>	<b>-4.58</b>	<b>1.90</b>	<b>1.09</b>	<b>0.65</b>	<b>1.28</b>	<b>0.76</b>	<b>0.18</b>	<i>0.03</i>	<i>0.01</i>	<i>-0.30</i>	<i>-0.88</i>	<b>-1.36</b>	<i>0.71</i>	<i>-0.29</i>
Total Stock Draw .....	<b>-4.91</b>	<b>-7.40</b>	<b>2.46</b>	<b>2.69</b>	<b>1.88</b>	<b>1.92</b>	<b>1.78</b>	<b>0.70</b>	<i>-0.07</i>	<i>-0.67</i>	<i>-0.51</i>	<i>-0.89</i>	<b>-1.77</b>	<i>1.57</i>	<i>-0.54</i>
<b>End-of-period Commercial Crude Oil and Other Liquids Inventories (million barrels)</b>															
U.S. Commercial Inventory .....	<b>1,327</b>	<b>1,458</b>	<b>1,423</b>	<b>1,343</b>	<b>1,302</b>	<b>1,271</b>	<b>1,238</b>	<b>1,214</b>	<i>1,225</i>	<i>1,288</i>	<i>1,294</i>	<i>1,267</i>	<b>1,343</b>	<i>1,214</i>	<i>1,267</i>
OECD Commercial Inventory .....	<b>2,970</b>	<b>3,206</b>	<b>3,168</b>	<b>3,025</b>	<b>2,914</b>	<b>2,873</b>	<b>2,782</b>	<b>2,751</b>	<i>2,760</i>	<i>2,822</i>	<i>2,841</i>	<i>2,851</i>	<b>3,025</b>	<i>2,751</i>	<i>2,851</i>

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

(b) Includes lease condensate, natural gas plant liquids, other liquids, and refinery processing gain. Includes other unaccounted-for liquids.

 (c) Consumption of petroleum by the OECD countries is synonymous with "petroleum product supplied," defined in the glossary of the EIA *Petroleum Supply Monthly*,

DOE/EIA-0109. Consumption of petroleum by the non-OECD countries is "apparent consumption," which includes internal consumption, refinery fuel and loss, and bunkering.

- = no data available

OECD = Organization for Economic Cooperation and Development: Australia, Austria, Belgium, Canada, Chile, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Latvia, Lithuania, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Slovakia, Slovenia, South Korea, Spain, Sweden, Switzerland, Turkey, the United Kingdom, the United States.

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 November 4, 2021.

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 international energy statistics.

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

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