

**Table 4a. U.S. Petroleum and Other Liquids Supply, Consumption, and Inventories**  
U.S. Energy Information Administration | Short-Term Energy Outlook - April 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)</b>															
<b>Crude Oil Supply</b>															
Domestic Production (a) .....	12.75	10.81	10.81	10.90	10.75	10.93	11.13	11.35	11.54	11.74	11.99	12.18	11.31	11.04	11.86
Alaska .....	0.48	0.41	0.44	0.46	0.46	0.38	0.41	0.43	0.43	0.36	0.40	0.40	0.45	0.42	0.40
Federal Gulf of Mexico (b) .....	1.96	1.69	1.45	1.52	1.72	1.76	1.68	1.68	1.74	1.76	1.74	1.77	1.66	1.71	1.75
Lower 48 States (excl GOM) .....	10.31	8.71	8.92	8.91	8.57	8.79	9.05	9.24	9.37	9.63	9.86	10.01	9.21	8.91	9.72
Crude Oil Net Imports (c) .....	2.90	3.08	2.31	2.51	2.72	3.62	4.00	3.59	3.58	4.48	4.47	3.75	2.70	3.49	4.07
SPR Net Withdrawals .....	0.00	-0.23	0.15	0.04	0.01	0.13	0.06	0.05	0.05	0.05	0.03	0.11	-0.01	0.06	0.06
Commercial Inventory Net Withdrawals .....	-0.55	-0.54	0.38	0.13	-0.19	0.18	0.27	0.02	-0.24	0.01	0.28	-0.01	-0.14	0.07	0.01
Crude Oil Adjustment (d) .....	0.67	0.03	0.38	0.31	0.50	0.22	0.23	0.16	0.22	0.22	0.23	0.16	0.35	0.28	0.21
Total Crude Oil Input to Refineries .....	15.77	13.16	14.03	13.90	13.79	15.08	15.68	15.17	15.15	16.49	16.99	16.20	14.21	14.94	16.21
<b>Other Supply</b>															
Refinery Processing Gain .....	1.02	0.82	0.94	0.92	0.94	1.07	1.06	1.04	1.06	1.09	1.13	1.14	0.92	1.03	1.10
Natural Gas Plant Liquids Production .....	5.12	4.96	5.33	5.23	4.80	5.29	5.44	5.53	5.60	5.79	5.86	5.91	5.16	5.27	5.79
Renewables and Oxygenate Production (e) .....	1.11	0.80	1.03	1.07	1.01	1.06	1.09	1.09	1.07	1.10	1.10	1.11	1.01	1.06	1.10
Fuel Ethanol Production .....	1.02	0.70	0.92	0.97	0.91	0.95	0.99	0.98	0.97	0.99	0.99	1.00	0.91	0.96	0.99
Petroleum Products Adjustment (f) .....	0.22	0.19	0.20	0.19	0.20	0.21	0.21	0.21	0.20	0.22	0.22	0.22	0.20	0.21	0.22
Product Net Imports (c) .....	-4.03	-2.94	-3.12	-3.32	-2.99	-2.96	-3.31	-3.40	-3.39	-3.73	-4.33	-4.25	-3.35	-3.17	-3.93
Hydrocarbon Gas Liquids .....	-1.99	-1.86	-1.86	-2.03	-1.99	-2.18	-2.19	-2.15	-2.16	-2.34	-2.33	-2.28	-1.94	-2.13	-2.28
Unfinished Oils .....	0.31	0.25	0.34	0.19	0.24	0.43	0.43	0.30	0.21	0.26	0.30	0.20	0.27	0.35	0.24
Other HC/Oxygenates .....	-0.10	-0.05	-0.04	-0.04	-0.11	-0.08	-0.07	-0.08	-0.09	-0.07	-0.07	-0.08	-0.06	-0.08	-0.07
Motor Gasoline Blend Comp. ....	0.39	0.36	0.48	0.43	0.44	0.71	0.52	0.15	0.52	0.75	0.44	0.22	0.42	0.46	0.48
Finished Motor Gasoline .....	-0.72	-0.40	-0.58	-0.78	-0.61	-0.76	-0.69	-0.57	-0.76	-0.69	-0.81	-0.77	-0.62	-0.66	-0.76
Jet Fuel .....	-0.07	0.09	0.12	0.07	0.03	0.05	0.03	0.05	-0.05	0.00	0.10	0.16	0.05	0.04	0.05
Distillate Fuel Oil .....	-1.19	-0.86	-1.15	-0.74	-0.43	-0.62	-0.78	-0.52	-0.53	-0.95	-1.25	-1.10	-0.98	-0.59	-0.96
Residual Fuel Oil .....	-0.02	0.02	0.05	0.05	0.09	-0.02	0.00	0.05	-0.03	-0.07	-0.06	0.05	0.02	0.03	-0.03
Other Oils (g) .....	-0.65	-0.49	-0.49	-0.48	-0.66	-0.49	-0.55	-0.63	-0.50	-0.62	-0.65	-0.64	-0.52	-0.58	-0.60
Product Inventory Net Withdrawals .....	0.12	-0.91	-0.04	0.71	0.76	-0.43	-0.34	0.42	0.22	-0.59	-0.26	0.33	-0.03	0.10	-0.07
Total Supply .....	19.33	16.08	18.36	18.71	18.51	19.32	19.84	20.07	19.92	20.37	20.72	20.66	18.12	19.44	20.42
<b>Consumption (million barrels per day)</b>															
Hydrocarbon Gas Liquids .....	3.31	2.83	2.95	3.70	3.34	3.09	3.10	3.58	3.77	3.30	3.37	3.78	3.20	3.28	3.55
Unfinished Oils .....	0.14	0.11	0.01	0.03	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	-0.01	0.00
Motor Gasoline .....	8.49	7.11	8.50	8.02	8.08	8.75	8.94	8.78	8.47	9.11	9.12	8.84	8.03	8.64	8.89
Fuel Ethanol blended into Motor Gasoline .....	0.85	0.72	0.87	0.84	0.83	0.88	0.91	0.90	0.86	0.93	0.92	0.92	0.82	0.88	0.91
Jet Fuel .....	1.56	0.69	0.97	1.09	1.13	1.33	1.47	1.49	1.47	1.61	1.76	1.77	1.08	1.36	1.65
Distillate Fuel Oil .....	3.97	3.51	3.70	3.92	4.04	4.01	3.99	4.18	4.24	4.16	4.09	4.17	3.78	4.05	4.17
Residual Fuel Oil .....	0.17	0.15	0.32	0.23	0.26	0.23	0.28	0.25	0.23	0.21	0.25	0.26	0.22	0.25	0.24
Other Oils (g) .....	1.68	1.68	1.91	1.71	1.69	1.92	2.06	1.80	1.74	1.98	2.13	1.85	1.75	1.87	1.92
Total Consumption .....	19.33	16.08	18.36	18.71	18.51	19.32	19.84	20.07	19.92	20.37	20.72	20.66	18.12	19.44	20.42
<b>Total Petroleum and Other Liquids Net Imports</b> .....	<b>-1.13</b>	<b>0.14</b>	<b>-0.81</b>	<b>-0.81</b>	<b>-0.27</b>	<b>0.66</b>	<b>0.69</b>	<b>0.19</b>	<b>0.19</b>	<b>0.75</b>	<b>0.14</b>	<b>-0.49</b>	<b>-0.65</b>	<b>0.32</b>	<b>0.14</b>
<b>End-of-period Inventories (million barrels)</b>															
<b>Commercial Inventory</b>															
Crude Oil (excluding SPR) .....	482.5	531.9	497.3	485.3	502.8	486.1	461.4	459.3	480.6	479.3	453.5	454.4	485.3	459.3	454.4
Hydrocarbon Gas Liquids .....	180.8	233.9	299.1	229.2	171.9	211.2	251.7	209.4	172.7	221.6	259.9	218.8	229.2	209.4	218.8
Unfinished Oils .....	100.1	91.9	81.4	78.2	93.3	91.2	90.2	83.1	93.5	91.2	90.1	83.2	78.2	83.1	83.2
Other HC/Oxygenates .....	33.6	26.2	25.2	29.9	27.3	26.1	25.9	26.2	28.3	27.1	26.8	27.0	29.9	26.2	27.0
Total Motor Gasoline .....	260.8	253.3	226.5	243.2	228.2	231.2	226.2	234.2	240.7	244.3	232.8	249.3	243.2	234.2	249.3
Finished Motor Gasoline .....	22.6	23.5	22.4	25.3	19.7	23.2	22.2	24.4	24.0	23.7	23.0	26.1	25.3	24.4	26.1
Motor Gasoline Blend Comp. ....	238.3	229.8	204.1	217.9	208.6	208.0	204.0	209.8	216.7	220.6	209.8	223.1	217.9	209.8	223.1
Jet Fuel .....	39.9	41.5	40.1	38.6	39.0	40.1	42.4	39.5	39.1	40.0	42.4	39.3	38.6	39.5	39.3
Distillate Fuel Oil .....	126.7	175.4	171.7	160.4	143.0	141.5	144.0	146.2	135.4	140.4	147.3	148.2	160.4	146.2	148.2
Residual Fuel Oil .....	34.4	39.6	32.1	30.2	32.4	33.6	31.6	32.7	32.2	32.9	31.1	32.6	30.2	32.7	32.6
Other Oils (g) .....	62.0	59.2	48.6	49.3	55.5	54.6	49.2	51.6	60.8	58.6	49.4	50.9	49.3	51.6	50.9
Total Commercial Inventory .....	1320.8	1452.8	1422.0	1344.3	1293.4	1315.7	1322.6	1282.1	1283.3	1335.4	1333.3	1303.8	1344.3	1282.1	1303.8
Crude Oil in SPR .....	635.0	656.0	642.2	638.1	637.5	625.5	619.9	615.6	611.3	607.1	604.4	594.7	638.1	615.6	594.7

(a) Includes lease condensate.

(b) Crude oil production from U.S. Federal leases in the Gulf of Mexico (GOM).

(c) Net imports equals gross imports minus gross exports.

(d) Crude oil adjustment balances supply and consumption and was previously referred to as "Unaccounted for Crude Oil."

(e) Renewables and oxygenate production includes pentanes plus, oxygenates (excluding fuel ethanol), and renewable fuels. Beginning in January 2021, renewable fuels includes biodiesel, renewable diesel, renewable jet fuel, renewable heating oil, renewable naphtha and gasoline, and other renewable fuels. For December 2020 and prior, renewable fuels includes only biodiesel.

(f) Petroleum products adjustment includes hydrogen/oxygenates/renewables/other hydrocarbons, motor gasoline blend components, and finished motor gasoline.

(g) For net imports and inventories "Other Oils" includes aviation gasoline blend components, finished aviation gasoline, kerosene, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt and road oil, still gas, and miscellaneous products; for consumption "Other Oils" also includes renewable fuels except fuel ethanol.

- = no data available

SPR: Strategic Petroleum Reserve

HC: Hydrocarbons

Notes: EIA completed modeling and analysis for this report on Thursday April 1, 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 databases supporting the following reports: *Petroleum Supply Monthly*, DOE/EIA-0109;

*Petroleum Supply Annual*, DOE/EIA-0340/2; and *Weekly Petroleum Status Report*, DOE/EIA-0208.

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

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