

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, 2019
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	9,646	126,547	854,758	23,890	52,898	1,067,739
Refinery	7,152	14,197	44,371	2,664	21,995	90,379
Tank Farms and Pipelines (Includes Cushing, OK)	2,494	112,350	175,420	21,226	24,138	335,628
Cushing, Oklahoma	--	35,866	--	--	--	35,866
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	634,967	--	--	634,967
Alaskan In Transit	--	--	--	--	6,765	6,765
Total Stocks, All Oils (excluding Crude Oil)²	158,326	177,685	394,737	23,127	95,233	849,108
Refinery	14,817	48,324	128,032	11,978	51,887	255,038
Bulk Terminal	114,818	91,334	206,068	6,692	37,908	456,820
Pipeline	28,393	36,407	59,086	4,257	5,132	133,275
Natural Gas Processing Plant	298	1,620	1,551	200	306	3,975
Natural Gas Liquids	9,334	46,995	144,536	3,771	4,094	208,730
Refinery	355	3,638	6,757	376	1,611	12,737
Bulk Terminal	7,082	25,648	115,439	964	2,177	151,310
Pipeline	1,599	16,089	20,789	2,231	--	40,708
Natural Gas Processing Plant	298	1,620	1,551	200	306	3,975
Ethane	739	5,415	50,576	556	--	57,286
Refinery	--	--	114	--	--	114
Bulk Terminal	462	2,398	42,927	--	--	45,787
Pipeline	277	2,877	7,300	550	--	11,004
Natural Gas Processing Plant	--	140	235	6	--	381
Propane	6,568	20,023	49,700	1,692	1,673	79,656
Refinery	97	1,149	892	46	132	2,316
Bulk Terminal	5,258	14,037	41,649	672	1,427	63,043
Pipeline	1,075	3,883	6,880	879	--	12,717
Natural Gas Processing Plant	138	954	279	95	114	1,580
Normal Butane	1,500	9,143	26,154	882	1,992	39,671
Refinery	142	1,544	3,990	232	1,100	7,008
Bulk Terminal	1,123	6,113	19,410	276	745	27,667
Pipeline	173	1,303	2,057	334	--	3,867
Natural Gas Processing Plant	62	183	697	40	147	1,129
Isobutane	170	1,907	8,479	273	388	11,217
Refinery	116	597	1,470	84	376	2,643
Bulk Terminal	--	573	5,678	--	--	6,251
Pipeline	38	570	1,171	171	--	1,950
Natural Gas Processing Plant	16	167	160	18	12	373
Natural Gasoline	357	10,507	9,627	368	41	20,900
Refinery	--	348	291	14	3	656
Bulk Terminal	239	2,527	5,775	16	5	8,562
Pipeline	36	7,456	3,381	297	--	11,170
Natural Gas Processing Plant	82	176	180	41	33	512
Refinery Olefins	308	304	2,259	75	20	2,966
Refinery	308	304	2,259	75	20	2,966
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Propylene	151	284	1,224	0	14	1,673
Refinery	151	284	1,224	0	14	1,673
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Butylene	142	20	1,030	75	6	1,273
Refinery	142	20	1,030	75	6	1,273
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Isobutylene	15	0	5	0	0	20
Refinery	15	0	5	0	0	20
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Other Hydrocarbons	--	10	--	--	--	10
Refinery	--	10	--	--	--	10
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--
Refinery	--	--	--	--	--	--
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, 2019
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
MTBE	--	--	--	--	--	--
Refinery	--	--	--	--	--	--
Bulk Terminal ³	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Other Oxygenates⁴	--	--	--	--	--	--
Refinery	--	--	--	--	--	--
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	8,568	8,804	5,552	462	4,414	27,800
Refinery	267	144	406	206	315	1,338
Bulk Terminal	8,301	8,660	5,146	252	4,099	26,458
Pipeline	--	--	--	4	--	4
Fuel Ethanol²	7,263	7,865	3,963	400	2,861	22,352
Refinery	260	106	185	148	31	730
Bulk Terminal	7,003	7,759	3,778	248	2,830	21,618
Pipeline	--	--	--	4	--	4
Renewable Diesel Fuel⁵	1,305	939	1,585	62	1,507	5,398
Refinery	7	38	221	58	284	608
Bulk Terminal	1,298	901	1,364	4	1,223	4,790
Pipeline	--	--	--	--	--	--
Other Renewable Fuels	--	--	4	--	46	50
Refinery	--	--	--	--	--	--
Bulk Terminal	--	--	4	--	46	50
Pipeline	--	--	--	--	--	--
Unfinished Oils	4,141	13,421	49,679	3,181	19,422	89,844
Naphthas and Lighter	1,268	3,553	11,467	755	3,625	20,668
Refinery	1,210	3,527	10,053	755	3,346	18,891
Bulk Terminal	58	26	1,414	--	279	1,777
Kerosene and Light Gas Oils	640	2,487	8,881	569	3,231	15,808
Refinery	640	2,487	6,464	569	3,141	13,301
Bulk Terminal	--	--	2,417	--	90	2,507
Heavy Gas Oils	1,619	5,146	22,710	1,414	9,790	40,679
Refinery	1,563	4,900	19,004	1,414	9,623	36,504
Bulk Terminal	56	246	3,706	--	167	4,175
Residuum	614	2,235	6,621	443	2,776	12,689
Refinery	614	2,048	6,383	443	2,756	12,244
Bulk Terminal	--	187	238	--	20	445
Motor Gasoline Blending Components²	60,982	47,695	82,435	6,358	30,501	227,971
Refinery	4,205	13,192	29,817	3,609	14,294	65,117
Bulk Terminal	46,007	25,988	33,347	1,843	13,536	120,721
Pipeline	10,770	8,515	19,271	906	2,671	42,133
Reformulated - RBOB	21,163	5,603	11,033	--	15,167	52,966
Refinery	1,216	1,178	1,635	--	5,366	9,395
Bulk Terminal	15,492	3,570	5,859	--	8,228	33,149
Pipeline	4,455	855	3,539	--	1,573	10,422
Conventional	39,819	42,092	71,402	6,358	15,334	175,005
Refinery	2,989	12,014	28,182	3,609	8,928	55,722
Bulk Terminal	30,515	22,418	27,488	1,843	5,308	87,572
Pipeline	6,315	7,660	15,732	906	1,098	31,711
CBOB	25,843	34,262	38,652	4,747	7,416	110,920
Refinery	473	5,347	11,550	2,001	2,053	21,424
Bulk Terminal	19,055	21,310	11,439	1,840	4,269	57,913
Pipeline	6,315	7,605	15,663	906	1,094	31,583
GTAB	1,108	--	--	--	--	1,108
Refinery	--	--	--	--	--	--
Bulk Terminal	1,108	--	--	--	--	1,108
Pipeline	--	--	--	--	--	--
Other	12,868	7,830	32,750	1,611	7,918	62,977
Refinery	2,516	6,667	16,632	1,608	6,875	34,298
Bulk Terminal	10,352	1,108	16,049	3	1,039	28,551
Pipeline	--	55	69	--	4	128
Aviation Gasoline Blending Components	--	--	42	--	--	42
Refinery	--	--	42	--	--	42
Bulk Terminal	--	--	--	--	--	--
Finished Motor Gasoline	4,632	7,321	9,554	1,921	2,701	26,129
Refinery	38	1,552	2,504	928	975	5,997
Bulk Terminal	1,518	3,032	4,975	779	1,538	11,842
Pipeline	3,076	2,737	2,075	214	188	8,290
Reformulated	28	--	--	--	13	41
Refinery	--	--	--	--	13	13
Bulk Terminal	28	--	--	--	--	28
Pipeline	--	--	--	--	--	--
Reformulated (Blended with Fuel Ethanol)	28	--	--	--	13	41
Refinery	--	--	--	--	13	13
Bulk Terminal	28	--	--	--	--	28
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, 2019
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	4,604	7,321	9,554	1,921	2,688	26,088
Refinery	38	1,552	2,504	928	962	5,984
Bulk Terminal	1,490	3,032	4,975	779	1,538	11,814
Pipeline	3,076	2,737	2,075	214	188	8,290
Conventional (Blended with Fuel Ethanol)	52	217	—	65	3	337
Refinery	—	—	—	63	—	63
Bulk Terminal	52	217	—	2	3	274
Pipeline	—	—	—	—	—	—
Ed55 and Lower	52	217	—	65	—	334
Refinery	—	—	—	63	—	63
Bulk Terminal	52	217	—	2	—	271
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	3	3
Pipeline	—	—	—	—	—	—
Conventional (Other)	4,552	7,104	9,554	1,856	2,685	25,751
Refinery	38	1,552	2,504	865	962	5,921
Bulk Terminal	1,438	2,815	4,975	777	1,535	11,540
Pipeline	3,076	2,737	2,075	214	188	8,290
Finished Aviation Gasoline	225	151	560	8	208	1,152
Refinery	—	66	459	8	111	644
Bulk Terminal	225	85	101	—	97	508
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,845	6,782	14,377	709	9,754	40,467
Refinery	650	1,731	6,439	301	3,915	13,036
Bulk Terminal	4,605	3,186	3,978	287	4,948	17,004
Pipeline	3,590	1,865	3,960	121	891	10,427
Kerosene	2,191	322	283	1	21	2,818
Refinery	131	219	157	1	3	511
Bulk Terminal	2,025	103	10	—	18	2,156
Pipeline	35	—	116	—	—	151
Distillate Fuel Oil²	44,817	31,410	44,458	4,648	14,750	140,083
Refinery	2,101	6,727	16,209	2,124	6,403	33,564
Bulk Terminal	33,393	17,482	15,374	1,743	6,973	74,965
Pipeline	9,323	7,201	12,875	781	1,374	31,554
15 ppm sulfur and Under	39,826	30,416	36,659	4,423	13,572	124,896
Refinery	1,250	6,107	13,046	1,929	5,631	27,963
Bulk Terminal	30,021	17,430	11,507	1,715	6,635	67,308
Pipeline	8,555	6,879	12,106	779	1,306	29,625
Greater than 15 ppm to 500 ppm sulfur	1,400	480	1,955	138	276	4,249
Refinery	314	142	1,122	108	276	1,962
Bulk Terminal	1,080	33	735	28	—	1,876
Pipeline	6	305	98	2	—	411
Greater than 500 ppm sulfur	3,591	514	5,844	87	902	10,938
Refinery	537	478	2,041	87	496	3,639
Bulk Terminal	2,292	19	3,132	—	338	5,781
Pipeline	762	17	671	—	68	1,518
Residual Fuel Oil	7,671	1,247	17,225	257	4,120	30,520
Refinery	760	935	3,500	257	1,898	7,350
Bulk Terminal	6,911	312	13,725	—	2,214	23,162
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	1,677	197	1,633	33	261	3,801
Refinery	275	60	31	33	—	399
Bulk Terminal	1,402	137	1,602	—	261	3,402
0.31% to 1.00% Sulfur	2,087	249	2,776	17	297	5,426
Refinery	130	187	211	17	144	689
Bulk Terminal	1,957	62	2,565	—	153	4,737
Greater than 1.00% Percent Sulfur	3,907	801	12,816	207	3,554	21,285
Refinery	355	688	3,258	207	1,754	6,262
Bulk Terminal	3,552	113	9,558	—	1,800	15,023
Petrochemical Feedstocks	45	520	2,581	—	8	3,154
Refinery	45	520	2,581	—	8	3,154
Naphtha for Petrochemical Feedstock Use	45	424	1,722	—	8	2,199
Other Oils for Petrochemical Feedstock Use	—	96	859	—	—	955
Special Naphthas	33	178	970	—	46	1,227
Refinery	15	94	963	—	46	1,118
Bulk Terminal	18	84	7	—	—	109
Lubricants	1,442	690	9,696	—	858	12,686
Refinery	855	212	6,097	—	650	7,814
Bulk Terminal	587	478	3,599	—	208	4,872
Waxes	409	41	276	—	—	726
Refinery	409	41	276	—	—	726
Petroleum Coke	—	2,076	5,055	189	1,739	9,059
Refinery	—	2,076	5,055	189	1,739	9,059
Asphalt and Road Oil	4,650	9,617	4,790	1,530	2,468	23,055
Refinery	618	3,800	2,198	706	924	8,246
Bulk Terminal	4,032	5,817	2,592	824	1,544	14,809

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, 2019
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Miscellaneous Products	33	101	409	17	109	669
Refinery	33	101	409	17	109	669
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	167,972	304,232	1,249,495	47,017	148,131	1,916,847

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

² Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

³ Includes stocks held by merchant producers.

⁴ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

⁵ Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."