

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2021
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,698	108,767	858,204	23,663	48,905	1,047,237
Refinery	5,693	13,341	45,900	2,322	20,352	87,608
Tank Farms and Pipelines (Includes Cushing, OK)	2,005	95,426	201,658	21,341	24,274	344,704
Cushing, Oklahoma	--	25,894	--	--	--	25,894
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	610,646	--	--	610,646
Alaskan In Transit	--	--	--	--	4,279	4,279
Total Stocks, All Oils (excluding Crude Oil)²	142,074	176,796	376,457	25,096	90,347	810,769
Refinery	12,144	46,307	122,681	9,769	47,840	238,741
Bulk Terminal	101,993	92,417	193,612	8,676	36,919	433,616
Pipeline	27,670	36,454	58,296	6,467	4,935	133,822
Natural Gas Processing Plant	267	1,618	1,868	184	653	4,590
Natural Gas Liquids	11,480	58,547	143,974	8,234	5,529	227,765
Refinery	534	3,779	6,765	375	1,723	13,176
Bulk Terminal	8,632	36,000	110,849	3,213	3,153	161,848
Pipeline	2,047	17,150	24,492	4,462	--	48,151
Natural Gas Processing Plant	267	1,618	1,868	184	653	4,590
Ethane	1,175	6,073	57,014	1,436	--	65,698
Refinery	--	--	8	--	--	8
Bulk Terminal	670	2,427	47,449	--	--	50,546
Pipeline	505	3,486	9,329	1,431	--	14,751
Natural Gas Processing Plant	--	160	228	5	--	393
Propane	8,568	24,848	35,198	2,962	2,391	73,967
Refinery	121	1,168	934	42	86	2,351
Bulk Terminal	7,056	19,086	26,929	1,284	2,178	56,533
Pipeline	1,247	3,838	6,988	1,552	--	13,625
Natural Gas Processing Plant	144	756	347	84	127	1,458
Normal Butane	1,354	15,019	31,243	2,805	2,763	53,184
Refinery	291	1,856	4,712	249	1,338	8,446
Bulk Terminal	811	11,832	23,144	1,926	973	38,686
Pipeline	206	1,076	2,825	598	--	4,705
Natural Gas Processing Plant	46	255	562	32	452	1,347
Isobutane	177	2,328	8,489	380	331	11,705
Refinery	122	472	690	72	295	1,651
Bulk Terminal	--	970	6,384	--	--	7,354
Pipeline	46	770	1,301	288	--	2,405
Natural Gas Processing Plant	9	116	114	20	36	295
Natural Gasoline	206	10,279	12,030	651	44	23,211
Refinery	--	283	421	12	4	720
Bulk Terminal	95	1,685	6,943	3	2	8,729
Pipeline	43	7,980	4,049	593	--	12,665
Natural Gas Processing Plant	68	331	617	43	38	1,097
Refinery Olefins	334	586	1,417	109	89	2,535
Refinery	334	586	1,417	109	89	2,535
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Propylene	181	488	741	3	16	1,429
Refinery	181	488	741	3	16	1,429
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Normal Butylene	142	98	567	106	73	986
Refinery	142	98	567	106	73	986
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Isobutylene	11	0	109	0	0	120
Refinery	11	0	109	0	0	120
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Other Hydrocarbons	--	14	--	--	--	14
Refinery	--	14	--	--	--	14
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--
Refinery	--	--	--	--	--	--
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2021
(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)²	6,393	8,799	4,678	425	4,836	25,131
Refinery	234	125	316	121	765	1,561
Bulk Terminal	6,159	8,674	4,362	299	4,071	23,565
Pipeline	--	--	--	5	--	5
Fuel Ethanol	5,565	8,037	3,282	358	2,833	20,074
Refinery	225	86	179	111	146	747
Bulk Terminal	5,340	7,951	3,103	242	2,687	19,322
Pipeline	--	--	--	5	--	5
Renewable Diesel Fuel⁵	828	720	1,375	67	1,978	4,967
Refinery	9	39	137	10	619	814
Bulk Terminal	819	681	1,238	57	1,359	4,153
Pipeline	--	--	--	--	--	--
Other Renewable Fuels	--	42	21	--	26	90
Refinery	--	--	--	--	--	--
Bulk Terminal	--	42	21	--	26	90
Pipeline	--	--	--	--	--	--
Unfinished Oils	4,388	13,689	50,029	2,747	20,153	91,006
Naphthas and Lighter	755	3,961	11,181	663	2,908	19,468
Refinery	740	3,932	10,145	663	2,633	18,113
Bulk Terminal	15	29	1,036	--	275	1,355
Kerosene and Light Gas Oils	781	2,287	10,032	524	3,337	16,961
Refinery	772	2,287	7,319	524	3,171	14,073
Bulk Terminal	9	--	2,713	--	166	2,888
Heavy Gas Oils	1,973	5,321	22,563	1,208	10,647	41,712
Refinery	1,731	5,109	19,163	1,208	9,345	36,556
Bulk Terminal	242	--	3,400	--	1,302	5,156
Residuum	879	2,120	6,253	352	3,261	12,865
Refinery	879	2,120	6,100	352	3,261	12,712
Bulk Terminal	--	--	153	--	--	153
Motor Gasoline Blending Components²	50,372	40,661	74,719	6,420	26,237	198,409
Refinery	2,761	12,499	28,276	2,941	13,338	59,815
Bulk Terminal	36,223	20,741	30,640	2,475	10,687	100,766
Pipeline	11,388	7,421	15,803	1,004	2,212	37,828
Reformulated - RBOB	16,298	5,063	10,300	--	11,878	43,539
Refinery	1,001	938	1,664	--	4,675	8,278
Bulk Terminal	11,878	3,379	4,646	--	5,840	25,743
Pipeline	3,419	746	3,990	--	1,363	9,518
Conventional	34,074	35,598	64,419	6,420	14,358	154,869
Refinery	1,760	11,561	26,612	2,941	8,663	51,537
Bulk Terminal	24,345	17,362	25,994	2,475	4,846	75,022
Pipeline	7,969	6,675	11,813	1,004	849	28,310
CBOB	23,951	29,033	34,681	5,149	8,166	100,980
Refinery	296	5,783	11,173	1,673	2,817	21,742
Bulk Terminal	15,778	16,656	11,857	2,472	4,502	51,265
Pipeline	7,877	6,594	11,651	1,004	847	27,973
GTAB	866	--	--	--	--	866
Refinery	--	--	--	--	--	--
Bulk Terminal	866	--	--	--	--	866
Pipeline	--	--	--	--	--	--
Other	9,257	6,565	29,738	1,271	6,192	53,023
Refinery	1,464	5,778	15,439	1,268	5,846	29,795
Bulk Terminal	7,701	706	14,137	3	344	22,891
Pipeline	92	81	162	--	2	337
Aviation Gasoline Blending Components	--	--	20	--	--	20
Refinery	--	--	20	--	--	20
Bulk Terminal	--	--	--	--	--	--
Finished Motor Gasoline	2,741	4,394	7,917	1,174	2,060	18,286
Refinery	33	957	3,917	684	572	6,163
Bulk Terminal	623	1,193	3,174	353	1,415	6,758
Pipeline	2,085	2,244	826	137	73	5,365
Reformulated	5	--	--	--	20	25
Refinery	--	--	--	--	20	20
Bulk Terminal	5	--	--	--	--	5
Pipeline	--	--	--	--	--	--
Reformulated (Blended with Fuel Ethanol)	5	--	--	--	20	25
Refinery	--	--	--	--	20	20
Bulk Terminal	5	--	--	--	--	5
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2021
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,736	4,394	7,917	1,174	2,040	18,261
Refinery	33	957	3,917	684	552	6,143
Bulk Terminal	618	1,193	3,174	353	1,415	6,753
Pipeline	2,085	2,244	826	137	73	5,365
Conventional (Blended with Fuel Ethanol)	—	157	—	62	6	225
Refinery	—	—	—	61	—	61
Bulk Terminal	—	157	—	1	6	164
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	157	—	62	—	219
Refinery	—	—	—	61	—	61
Bulk Terminal	—	157	—	1	—	158
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	0	—	—	6	6
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,736	4,237	7,917	1,112	2,034	18,036
Refinery	33	957	3,917	623	552	6,082
Bulk Terminal	618	1,036	3,174	352	1,409	6,589
Pipeline	2,085	2,244	826	137	73	5,365
Finished Aviation Gasoline	213	120	555	8	251	1,147
Refinery	—	32	374	8	137	551
Bulk Terminal	213	88	181	—	114	596
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	10,340	7,653	11,584	922	9,838	40,337
Refinery	562	1,847	5,203	346	3,532	11,490
Bulk Terminal	5,589	3,687	3,079	454	5,266	18,075
Pipeline	4,189	2,119	3,302	122	1,040	10,772
Kerosene	2,086	147	357	2	8	2,600
Refinery	178	131	37	2	3	351
Bulk Terminal	1,858	16	285	—	5	2,164
Pipeline	50	—	35	—	—	85
Distillate Fuel Oil²	41,844	30,149	44,845	3,561	12,161	132,559
Refinery	1,615	5,928	15,620	1,497	4,712	29,372
Bulk Terminal	32,318	16,701	15,387	1,327	5,839	71,571
Pipeline	7,911	7,520	13,838	737	1,610	31,616
15 ppm sulfur and Under	37,876	29,391	38,428	3,405	11,298	120,398
Refinery	1,240	5,525	12,720	1,363	4,233	25,081
Bulk Terminal	29,136	16,566	12,204	1,305	5,564	64,775
Pipeline	7,500	7,300	13,504	737	1,501	30,542
Greater than 15 ppm to 500 ppm sulfur	942	356	1,569	118	224	3,209
Refinery	126	27	782	96	165	1,196
Bulk Terminal	816	115	686	22	1	1,640
Pipeline	—	214	101	—	58	373
Greater than 500 ppm sulfur	3,026	401	4,848	38	639	8,952
Refinery	249	376	2,118	38	314	3,095
Bulk Terminal	2,366	19	2,497	—	274	5,156
Pipeline	411	6	233	—	51	701
Residual Fuel Oil	5,842	1,022	15,865	191	5,458	28,378
Refinery	299	875	3,097	191	2,054	6,516
Bulk Terminal	5,543	147	12,768	—	3,404	21,862
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	385	101	1,597	23	1,714	3,820
Refinery	13	100	48	23	26	210
Bulk Terminal	372	1	1,549	—	1,688	3,610
0.31% to 1.00% Sulfur	1,209	198	4,573	4	498	6,482
Refinery	68	195	553	4	186	1,006
Bulk Terminal	1,141	3	4,020	—	312	5,476
Greater than 1.00% Percent Sulfur	4,248	723	9,695	164	3,246	18,076
Refinery	218	580	2,496	164	1,842	5,300
Bulk Terminal	4,030	143	7,199	—	1,404	12,776
Petrochemical Feedstocks	—	499	2,425	—	2	2,926
Refinery	—	499	2,425	—	2	2,926
Naphtha for Petrochemical Feedstock Use	—	394	1,794	—	2	2,190
Other Oils for Petrochemical Feedstock Use	—	105	631	—	—	736
Special Naphthas	30	96	843	—	44	1,013
Refinery	22	39	833	—	44	938
Bulk Terminal	8	57	10	—	—	75
Lubricants	1,268	689	8,903	—	896	11,756
Refinery	757	266	5,562	—	677	7,262
Bulk Terminal	511	423	3,341	—	219	4,494
Waxes	250	45	251	—	—	546
Refinery	250	45	251	—	—	546
Petroleum Coke	—	1,070	3,605	115	1,025	5,815
Refinery	—	1,070	3,605	115	1,025	5,815
Asphalt and Road Oil	4,455	8,495	4,092	1,170	1,669	19,881
Refinery	407	4,046	1,858	615	666	7,592
Bulk Terminal	4,048	4,449	2,234	555	1,003	12,289

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2021
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Miscellaneous Products	38	121	378	18	91	646
Refinery	36	121	378	18	91	644
Bulk Terminal	2	—	—	—	—	2
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	149,772	285,563	1,234,661	48,759	139,252	1,858,006

-- = Not Applicable.

- = No Data Reported.

Lease stocks were excluded from crude oil stocks beginning with data for July 2016 (see explanatory notes).

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 biofuel 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.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."