

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,388	718	5,106	10,021	2,052	1,717	13,790
Petroleum Products	10,865	2,089	12,954	27,729	8,705	12,003	48,437
Hydrocarbon Gas Liquids	717	31	748	1,772	359	1,215	3,346
Natural Gas Liquids	425	31	456	1,486	346	1,198	3,030
Ethane	—	—	—	—	—	—	—
Propane	114	9	123	454	36	528	1,018
Normal Butane	272	14	286	681	261	133	1,075
Isobutane	39	8	47	285	49	254	588
Natural Gasoline	—	—	—	66	—	283	349
Refinery Olefins	292	0	292	286	13	17	316
Ethylene	—	—	—	—	—	—	—
Propylene	135	0	135	283	13	17	313
Normal Butylene	144	0	144	3	0	0	3
Isobutylene	13	0	13	0	0	0	0
Biofuels/Other Hydrocarbons	130	109	239	38	60	26	124
Biofuels (including Fuel Ethanol)	130	109	239	27	60	26	113
Fuel Ethanol	130	102	232	22	49	22	93
Biodiesel	—	7	7	5	11	4	20
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	11	—	—	11
Unfinished Oils	3,346	358	3,704	7,573	645	4,477	12,695
Naphthas and Lighter	705	208	913	1,759	152	1,065	2,976
Kerosene and Light Gas Oils	447	—	447	1,821	273	479	2,573
Heavy Gas Oils	1,618	142	1,760	2,975	220	2,011	5,206
Residuum	576	8	584	1,018	—	922	1,940
Motor Gasoline Blending Components (MGBC)	3,370	276	3,646	8,788	2,222	3,146	14,156
Reformulated - RBOB	1,232	—	1,232	1,030	—	—	1,030
Conventional	2,138	276	2,414	7,758	2,222	3,146	13,126
CBOB	28	241	269	3,280	1,219	2,296	6,795
GTAB	—	—	—	—	—	—	—
Other	2,110	35	2,145	4,478	1,003	850	6,331
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	42	42	268	112	205	585
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	42	42	268	112	205	585
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	42	42	268	112	205	585
Finished Aviation Gasoline	—	—	—	—	50	—	50
Kerosene-Type Jet Fuel	544	—	544	1,529	244	197	1,970
Kerosene	104	3	107	64	—	54	118
Distillate Fuel Oil	1,606	205	1,811	3,251	1,155	1,867	6,273
15 ppm sulfur and under	1,255	133	1,388	3,100	1,103	1,695	5,898
Greater than 15 ppm to 500 ppm sulfur	74	65	139	—	—	132	132
Greater than 500 ppm sulfur	277	7	284	151	52	40	243
Residual Fuel Oil	239	17	256	606	186	95	887
Less than 0.31 percent sulfur	—	15	15	238	—	—	238
0.31 to 1.00 percent sulfur	27	2	29	91	61	34	186
Greater than 1.00 percent sulfur	212	—	212	277	125	61	463
Petrochemical Feedstocks	—	4	4	499	—	—	499
Naphtha for Petro. Feed. Use	—	—	—	380	—	—	380
Other Oils for Petro. Feed. Use	—	4	4	119	—	—	119
Special Naphthas	—	24	24	50	—	10	60
Lubricants	676	267	943	—	—	220	220
Waxes	—	232	232	—	—	53	53
Petroleum Coke	—	—	—	787	2,056	248	3,091
Marketable	—	—	—	787	2,056	248	3,091
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	117	469	586	2,418	1,585	182	4,185
Miscellaneous Products	16	52	68	86	31	8	125
Total Stocks, All Oils	15,253	2,807	18,060	37,750	10,757	13,720	62,227

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,834	27,747	15,341	1,123	273	46,318	2,489	20,191	87,894
Petroleum Products	10,179	60,717	42,709	4,142	1,211	118,958	9,957	47,780	238,086
Hydrocarbon Gas Liquids	2,707	1,664	1,192	17	39	5,619	393	1,324	11,430
Natural Gas Liquids	2,305	1,088	1,048	16	39	4,496	288	1,300	9,570
Ethane	21	5	—	—	—	26	—	—	26
Propane	776	256	69	3	4	1,108	37	110	2,396
Normal Butane	1,071	581	437	9	32	2,130	145	848	4,484
Isobutane	378	194	320	4	3	899	102	340	1,976
Natural Gasoline	59	52	222	—	—	333	4	2	688
Refinery Olefins	402	576	144	1	0	1,123	105	24	1,860
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	399	51	49	1	0	500	3	12	963
Normal Butylene	3	525	95	0	0	623	102	12	884
Isobutylene	0	0	0	0	0	0	0	0	13
Biofuels/Other Hydrocarbons	49	975	139	25	8	1,196	102	1,078	2,739
Biofuels (including Fuel Ethanol)	49	975	139	25	8	1,196	102	1,078	2,728
Fuel Ethanol	35	955	81	16	5	1,092	92	141	1,650
Biodiesel	14	20	58	9	3	104	10	9	150
Renewable Diesel Fuel	—	—	—	—	—	—	—	928	928
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	11
Unfinished Oils	2,339	23,578	13,825	1,201	596	41,539	3,082	17,279	78,299
Naphthas and Lighter	808	6,667	1,679	281	149	9,584	726	2,553	16,752
Kerosene and Light Gas Oils	359	4,098	2,077	215	197	6,946	818	3,228	14,012
Heavy Gas Oils	657	9,530	7,341	601	250	18,379	1,052	7,890	34,287
Residuum	515	3,283	2,728	104	—	6,630	486	3,608	13,248
Motor Gasoline Blending Components (MGBC)	2,723	12,635	11,840	338	188	27,724	2,640	13,637	61,803
Reformulated - RBOB	160	1,161	142	—	6	1,469	—	5,218	8,949
Conventional	2,563	11,474	11,698	338	182	26,255	2,640	8,419	52,854
CBOB	1,339	3,651	6,690	251	26	11,957	1,434	2,628	23,083
GTAB	—	—	—	—	—	—	—	—	—
Other	1,224	7,823	5,008	87	156	14,298	1,206	5,791	29,771
Aviation Gasoline Blending Components	19	—	7	—	—	26	—	—	26
Finished Motor Gasoline	131	1,587	929	52	6	2,705	949	797	5,078
Reformulated	—	—	—	—	—	—	—	18	18
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	18	18
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	131	1,587	929	52	6	2,705	949	779	5,060
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	54	—	54
Ed55 and Lower	—	—	—	—	—	—	54	—	54
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	131	1,587	929	52	6	2,705	895	779	5,006
Finished Aviation Gasoline	35	231	134	—	—	400	9	197	656
Kerosene-Type Jet Fuel	379	2,851	2,091	76	—	5,397	211	3,188	11,310
Kerosene	30	50	1	2	—	83	1	2	311
Distillate Fuel Oil	766	7,695	5,850	384	103	14,798	1,580	4,744	29,206
15 ppm sulfur and under	747	6,825	4,648	254	103	12,577	1,413	4,278	25,554
Greater than 15 ppm to 500 ppm sulfur	19	165	392	31	—	607	108	205	1,191
Greater than 500 ppm sulfur	—	705	810	99	—	1,614	59	261	2,461
Residual Fuel Oil	218	2,468	1,492	8	85	4,271	218	2,470	8,102
Less than 0.31 percent sulfur	15	—	40	—	—	55	27	20	355
0.31 to 1.00 percent sulfur	69	681	273	8	—	1,031	5	344	1,595
Greater than 1.00 percent sulfur	134	1,787	1,179	—	85	3,185	186	2,106	6,152
Petrochemical Feedstocks	42	1,558	506	4	26	2,136	—	—	2,639
Naphtha for Petro. Feed. Use	38	1,094	470	4	—	1,606	—	—	1,986
Other Oils for Petro. Feed. Use	4	464	36	—	26	530	—	—	653
Special Naphthas	86	560	—	155	—	801	—	60	945
Lubricants	53	2,557	2,575	868	—	6,053	—	820	8,036
Waxes	—	101	117	80	—	298	—	—	583
Petroleum Coke	56	1,776	1,376	—	—	3,208	131	1,179	7,609
Marketable	56	1,776	1,376	—	—	3,208	131	1,179	7,609
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	351	177	556	931	158	2,173	627	933	8,504
Miscellaneous Products	195	254	79	1	2	531	14	72	810
Total Stocks, All Oils	12,013	88,464	58,050	5,265	1,484	165,276	12,446	67,971	325,980

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,757	756	5,513	10,825	1,895	1,678	14,398
Petroleum Products	10,736	2,178	12,914	27,988	9,162	11,926	49,076
Hydrocarbon Gas Liquids	561	26	587	1,729	254	1,087	3,070
Natural Gas Liquids	361	26	387	1,438	237	1,050	2,725
Ethane	—	—	—	—	—	—	—
Propane	123	3	126	426	48	372	846
Normal Butane	188	15	203	568	143	155	866
Isobutane	50	8	58	315	46	269	630
Natural Gasoline	—	—	—	129	—	254	383
Refinery Olefins	200	0	200	291	17	37	345
Ethylene	—	—	—	—	—	—	—
Propylene	76	0	76	291	17	37	345
Normal Butylene	124	0	124	0	0	0	0
Isobutylene	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	142	120	262	58	60	31	149
Biofuels (including Fuel Ethanol)	142	120	262	44	60	31	135
Fuel Ethanol	142	110	252	40	50	27	117
Biodiesel	—	10	10	4	10	4	18
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	14	—	—	14
Unfinished Oils	3,875	362	4,237	7,952	652	4,629	13,233
Naphthas and Lighter	787	215	1,002	1,799	142	1,046	2,987
Kerosene and Light Gas Oils	312	—	312	1,664	273	470	2,407
Heavy Gas Oils	2,094	141	2,235	3,387	237	2,302	5,926
Residuum	682	6	688	1,102	—	811	1,913
Motor Gasoline Blending Components (MGBC)	2,920	261	3,181	8,525	2,216	3,224	13,965
Reformulated - RBOB	1,312	—	1,312	813	—	—	813
Conventional	1,608	261	1,869	7,712	2,216	3,224	13,152
CBOB	48	237	285	2,977	1,179	2,266	6,422
GTAB	—	—	—	—	—	—	—
Other	1,560	24	1,584	4,735	1,037	958	6,730
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	37	37	224	126	112	462
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	37	37	224	126	112	462
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	37	37	224	126	112	462
Finished Aviation Gasoline	—	—	—	—	52	—	52
Kerosene-Type Jet Fuel	537	—	537	1,208	269	209	1,686
Kerosene	160	4	164	63	—	51	114
Distillate Fuel Oil	1,472	299	1,771	3,844	1,085	1,717	6,646
15 ppm sulfur and under	1,160	214	1,374	3,710	1,036	1,597	6,343
Greater than 15 ppm to 500 ppm sulfur	33	77	110	—	—	67	67
Greater than 500 ppm sulfur	279	8	287	134	49	53	236
Residual Fuel Oil	272	15	287	623	196	87	906
Less than 0.31 percent sulfur	—	13	13	174	—	—	174
0.31 to 1.00 percent sulfur	40	2	42	165	62	33	260
Greater than 1.00 percent sulfur	232	—	232	284	134	54	472
Petrochemical Feedstocks	—	5	5	496	—	—	496
Naphtha for Petro. Feed. Use	—	—	—	373	—	—	373
Other Oils for Petro. Feed. Use	—	5	5	123	—	—	123
Special Naphthas	—	19	19	31	—	14	45
Lubricants	701	252	953	—	—	229	229
Waxes	—	263	263	—	—	48	48
Petroleum Coke	—	—	—	766	2,494	270	3,530
Marketable	—	—	—	766	2,494	270	3,530
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	80	466	546	2,391	1,727	212	4,330
Miscellaneous Products	16	49	65	78	31	6	115
Total Stocks, All Oils	15,493	2,934	18,427	38,813	11,057	13,604	63,474

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,842	25,590	16,338	1,169	348	45,287	2,425	21,009	88,632
Petroleum Products	10,088	61,153	41,732	3,781	1,217	117,971	10,757	49,085	239,803
Hydrocarbon Gas Liquids	2,654	1,778	1,185	12	26	5,655	400	1,424	11,136
Natural Gas Liquids	2,333	1,204	970	10	26	4,543	349	1,304	9,308
Ethane	22	2	—	—	—	24	—	—	24
Propane	912	206	56	3	5	1,182	49	127	2,330
Normal Butane	940	755	389	2	16	2,102	203	827	4,201
Isobutane	375	198	323	5	5	906	90	348	2,032
Natural Gasoline	84	43	202	—	—	329	7	2	721
Refinery Olefins	321	574	215	2	0	1,112	51	120	1,828
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	298	48	55	1	0	402	2	20	845
Normal Butylene	23	526	160	1	0	710	49	100	983
Isobutylene	0	0	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	48	1,020	154	23	8	1,253	119	885	2,668
Biofuels (including Fuel Ethanol)	48	1,020	154	23	8	1,253	119	885	2,654
Fuel Ethanol	35	1,000	103	15	5	1,158	111	195	1,833
Biodiesel	13	20	51	8	3	95	8	9	140
Renewable Diesel Fuel	—	—	—	—	—	—	—	681	681
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils	2,365	22,319	14,311	1,064	643	40,702	3,351	18,845	80,368
Naphthas and Lighter	843	5,658	1,884	288	238	8,911	857	3,112	16,869
Kerosene and Light Gas Oils	372	3,984	1,892	203	170	6,621	846	3,146	13,332
Heavy Gas Oils	633	9,755	7,995	496	235	19,114	1,140	9,495	37,910
Residuum	517	2,922	2,540	77	—	6,056	508	3,092	12,257
Motor Gasoline Blending Components (MGBC)	2,805	13,332	10,484	292	237	27,150	2,897	13,435	60,628
Reformulated - RBOB	82	1,252	106	—	32	1,472	—	4,507	8,104
Conventional	2,723	12,080	10,378	292	205	25,678	2,897	8,928	52,524
CBOB	1,420	4,079	5,675	235	23	11,432	1,676	2,501	22,316
GTAB	—	—	—	—	—	—	—	—	—
Other	1,303	8,001	4,703	57	182	14,246	1,221	6,427	30,208
Aviation Gasoline Blending Components	10	—	12	—	—	22	—	—	22
Finished Motor Gasoline	87	1,991	1,154	65	6	3,303	833	578	5,213
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	87	1,991	1,154	65	6	3,303	833	562	5,197
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	46	—	46
Ed55 and Lower	—	—	—	—	—	—	46	—	46
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	87	1,991	1,154	65	6	3,303	787	562	5,151
Finished Aviation Gasoline	25	219	198	—	—	442	8	189	691
Kerosene-Type Jet Fuel	336	2,673	1,836	47	—	4,892	221	3,172	10,508
Kerosene	29	56	1	3	—	89	1	3	371
Distillate Fuel Oil	658	8,075	5,747	343	58	14,881	1,808	5,109	30,215
15 ppm sulfur and under	637	7,091	4,401	232	58	12,419	1,634	4,677	26,447
Greater than 15 ppm to 500 ppm sulfur	21	120	405	26	—	572	117	171	1,037
Greater than 500 ppm sulfur	—	864	941	85	—	1,890	57	261	2,731
Residual Fuel Oil	262	2,547	1,328	9	90	4,236	258	2,248	7,935
Less than 0.31 percent sulfur	29	—	31	—	—	60	26	21	294
0.31 to 1.00 percent sulfur	94	805	283	9	—	1,191	6	415	1,914
Greater than 1.00 percent sulfur	139	1,742	1,014	—	90	2,985	226	1,812	5,727
Petrochemical Feedstocks	45	1,559	589	4	22	2,219	—	—	2,720
Naphtha for Petro. Feed. Use	39	1,053	578	4	—	1,674	—	—	2,047
Other Oils for Petro. Feed. Use	6	506	11	—	22	545	—	—	673
Special Naphthas	103	547	—	160	—	810	—	27	901
Lubricants	45	2,762	2,228	798	—	5,833	—	1,102	8,117
Waxes	—	98	112	72	—	282	—	—	593
Petroleum Coke	97	1,721	1,554	—	—	3,372	112	1,100	8,114
Marketable	97	1,721	1,554	—	—	3,372	112	1,100	8,114
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	364	203	760	888	125	2,340	736	892	8,844
Miscellaneous Products	155	253	79	1	2	490	13	76	759
Total Stocks, All Oils	11,930	86,743	58,070	4,950	1,565	163,258	13,182	70,094	328,435

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,658	776	5,434	9,462	1,945	1,906	13,313
Petroleum Products	9,716	2,166	11,882	28,721	9,131	11,145	48,997
Hydrocarbon Gas Liquids	409	21	430	1,737	232	947	2,916
Natural Gas Liquids	337	21	358	1,451	218	922	2,591
Ethane	—	—	—	—	—	—	—
Propane	101	5	106	443	41	278	762
Normal Butane	171	2	173	521	138	187	846
Isobutane	65	14	79	345	39	257	641
Natural Gasoline	—	—	—	142	—	200	342
Refinery Olefins	72	0	72	286	14	25	325
Ethylene	—	—	—	—	—	—	—
Propylene	30	0	30	255	14	25	294
Normal Butylene	42	0	42	31	0	0	31
Isobutylene	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	42	91	133	46	71	27	144
Biofuels (including Fuel Ethanol)	42	91	133	26	71	27	124
Fuel Ethanol	42	85	127	21	56	22	99
Biodiesel	—	6	6	5	15	5	25
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	20	—	—	20
Unfinished Oils	3,595	326	3,921	8,132	642	4,494	13,268
Naphthas and Lighter	606	186	792	2,120	164	1,385	3,669
Kerosene and Light Gas Oils	372	—	372	1,840	321	504	2,665
Heavy Gas Oils	2,047	137	2,184	2,847	145	1,502	4,494
Residuum	570	3	573	1,325	12	1,103	2,440
Motor Gasoline Blending Components (MGBC)	2,932	195	3,127	8,783	2,028	2,792	13,603
Reformulated - RBOB	1,090	—	1,090	1,021	—	—	1,021
Conventional	1,842	195	2,037	7,762	2,028	2,792	12,582
CBOB	266	168	434	3,115	1,201	2,020	6,336
GTAB	—	—	—	—	—	—	—
Other	1,576	27	1,603	4,647	827	772	6,246
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	31	31	539	98	160	797
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	31	31	539	98	160	797
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	31	31	539	98	160	797
Finished Aviation Gasoline	—	—	—	—	33	—	33
Kerosene-Type Jet Fuel	400	—	400	1,657	266	260	2,183
Kerosene	172	4	176	66	—	43	109
Distillate Fuel Oil	1,208	230	1,438	3,301	1,069	1,701	6,071
15 ppm sulfur and under	875	158	1,033	3,179	980	1,501	5,660
Greater than 15 ppm to 500 ppm sulfur	43	65	108	—	—	153	153
Greater than 500 ppm sulfur	290	7	297	122	89	47	258
Residual Fuel Oil	263	14	277	507	213	72	792
Less than 0.31 percent sulfur	—	12	12	127	—	—	127
0.31 to 1.00 percent sulfur	85	2	87	73	74	32	179
Greater than 1.00 percent sulfur	178	—	178	307	139	40	486
Petrochemical Feedstocks	—	4	4	635	—	—	635
Naphtha for Petro. Feed. Use	—	—	—	523	—	—	523
Other Oils for Petro. Feed. Use	—	4	4	112	—	—	112
Special Naphthas	—	17	17	51	—	15	66
Lubricants	576	282	858	—	—	198	198
Waxes	—	301	301	—	—	56	56
Petroleum Coke	—	—	—	457	2,744	159	3,360
Marketable	—	—	—	457	2,744	159	3,360
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	103	612	715	2,744	1,713	214	4,671
Miscellaneous Products	16	38	54	66	22	7	95
Total Stocks, All Oils	14,374	2,942	17,316	38,183	11,076	13,051	62,310

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,183	25,419	16,075	976	242	44,895	2,554	20,726	86,922
Petroleum Products	10,982	58,240	42,997	4,101	1,271	117,591	10,410	51,120	240,000
Hydrocarbon Gas Liquids	2,783	1,783	1,262	17	30	5,875	378	1,418	11,017
Natural Gas Liquids	2,032	1,505	1,054	16	30	4,637	287	1,384	9,257
Ethane	22	2	—	—	—	24	—	—	24
Propane	546	379	74	3	2	1,004	41	123	2,036
Normal Butane	840	862	462	8	24	2,196	148	845	4,208
Isobutane	523	211	331	5	4	1,074	82	412	2,288
Natural Gasoline	101	51	187	—	—	339	16	4	701
Refinery Olefins	751	278	208	1	0	1,238	91	34	1,760
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	690	52	59	1	0	802	3	16	1,145
Normal Butylene	61	226	149	0	0	436	88	18	615
Isobutylene	0	0	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	38	956	161	25	7	1,187	104	845	2,413
Biofuels (including Fuel Ethanol)	38	956	161	25	7	1,187	104	845	2,393
Fuel Ethanol	30	917	108	18	3	1,076	93	132	1,527
Biodiesel	8	39	53	7	4	111	11	7	160
Renewable Diesel Fuel	—	—	—	—	—	—	—	706	706
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	20
Unfinished Oils	3,003	21,916	15,214	939	617	41,689	3,206	19,222	81,306
Naphthas and Lighter	1,296	5,948	1,948	278	123	9,593	718	3,392	18,164
Kerosene and Light Gas Oils	488	4,184	1,700	176	220	6,768	651	3,121	13,577
Heavy Gas Oils	621	8,741	9,027	436	274	19,099	1,394	9,737	36,908
Residuum	598	3,043	2,539	49	—	6,229	443	2,972	12,657
Motor Gasoline Blending Components (MGBC)	2,814	12,785	11,230	360	260	27,449	3,009	14,319	61,507
Reformulated - RBOB	113	1,365	534	—	22	2,034	—	5,005	9,150
Conventional	2,701	11,420	10,696	360	238	25,415	3,009	9,314	52,357
CBOB	1,416	3,712	5,969	257	56	11,410	1,674	2,954	22,808
GTAB	—	—	—	—	—	—	—	—	—
Other	1,285	7,708	4,727	103	182	14,005	1,335	6,360	29,549
Aviation Gasoline Blending Components	9	—	10	—	—	19	—	—	19
Finished Motor Gasoline	138	1,586	1,189	34	6	2,953	779	735	5,295
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	138	1,586	1,189	34	6	2,953	779	719	5,279
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	60	—	60
Ed55 and Lower	—	—	—	—	—	—	60	—	60
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	138	1,586	1,189	34	6	2,953	719	719	5,219
Finished Aviation Gasoline	26	141	203	—	—	370	9	125	537
Kerosene-Type Jet Fuel	353	2,977	1,983	113	—	5,426	233	3,619	11,861
Kerosene	28	34	1	2	—	65	1	3	354
Distillate Fuel Oil	939	6,835	5,614	653	49	14,090	1,498	5,480	28,577
15 ppm sulfur and under	892	5,903	4,541	471	49	11,856	1,352	4,741	24,642
Greater than 15 ppm to 500 ppm sulfur	47	195	266	26	—	534	93	340	1,228
Greater than 500 ppm sulfur	—	737	807	156	—	1,700	53	399	2,707
Residual Fuel Oil	232	2,426	1,285	6	121	4,070	229	2,069	7,437
Less than 0.31 percent sulfur	15	—	52	—	—	67	25	36	267
0.31 to 1.00 percent sulfur	92	631	265	6	—	994	5	350	1,615
Greater than 1.00 percent sulfur	125	1,795	968	—	121	3,009	199	1,683	5,555
Petrochemical Feedstocks	27	1,528	690	4	24	2,273	—	—	2,912
Naphtha for Petro. Feed. Use	24	1,002	669	4	—	1,699	—	—	2,222
Other Oils for Petro. Feed. Use	3	526	21	—	24	574	—	—	690
Special Naphthas	77	504	—	168	—	749	—	55	887
Lubricants	32	2,549	1,973	818	—	5,372	—	911	7,339
Waxes	—	83	106	72	—	261	—	—	618
Petroleum Coke	87	1,703	1,404	—	—	3,194	132	1,244	7,930
Marketable	87	1,703	1,404	—	—	3,194	132	1,244	7,930
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	347	186	612	890	155	2,190	818	1,008	9,402
Miscellaneous Products	49	248	60	—	2	359	14	67	589
Total Stocks, All Oils	13,165	83,659	59,072	5,077	1,513	162,486	12,964	71,846	326,922

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,822	762	6,584	9,681	2,137	1,750	13,568
Petroleum Products	10,974	2,382	13,356	29,055	9,102	11,660	49,817
Hydrocarbon Gas Liquids	490	24	514	2,016	275	885	3,176
Natural Gas Liquids	374	24	398	1,701	250	879	2,830
Ethane	—	—	—	—	—	—	—
Propane	79	2	81	466	41	219	726
Normal Butane	208	2	210	821	167	218	1,206
Isobutane	87	20	107	267	42	259	568
Natural Gasoline	—	—	—	147	—	183	330
Refinery Olefins	116	0	116	315	25	6	346
Ethylene	—	—	—	—	—	—	—
Propylene	116	0	116	277	25	6	308
Normal Butylene	0	0	0	38	0	0	38
Isobutylene	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	61	111	172	76	70	29	175
Biofuels (including Fuel Ethanol)	61	111	172	52	70	29	151
Fuel Ethanol	61	99	160	48	59	25	132
Biodiesel	—	12	12	4	11	4	19
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	24	—	—	24
Unfinished Oils	3,623	385	4,008	8,953	1,131	4,723	14,807
Naphthas and Lighter	588	225	813	2,340	321	1,360	4,021
Kerosene and Light Gas Oils	508	—	508	1,973	529	419	2,921
Heavy Gas Oils	1,977	155	2,132	3,354	265	1,880	5,499
Residuum	550	5	555	1,286	16	1,064	2,366
Motor Gasoline Blending Components (MGBC)	3,346	199	3,545	8,277	1,617	2,864	12,758
Reformulated - RBOB	1,262	—	1,262	757	—	—	757
Conventional	2,084	199	2,283	7,520	1,617	2,864	12,001
CBOB	252	155	407	3,086	818	1,917	5,821
GTAB	—	—	—	—	—	—	—
Other	1,832	44	1,876	4,434	799	947	6,180
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	37	37	527	76	207	810
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	37	37	527	76	207	810
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	37	37	527	76	207	810
Finished Aviation Gasoline	—	—	—	—	41	—	41
Kerosene-Type Jet Fuel	498	—	498	1,659	265	230	2,154
Kerosene	87	3	90	56	—	46	102
Distillate Fuel Oil	1,716	237	1,953	3,273	1,011	1,863	6,147
15 ppm sulfur and under	1,353	172	1,525	3,092	810	1,771	5,673
Greater than 15 ppm to 500 ppm sulfur	59	57	116	—	—	58	58
Greater than 500 ppm sulfur	304	8	312	181	201	34	416
Residual Fuel Oil	319	18	337	542	207	78	827
Less than 0.31 percent sulfur	—	16	16	103	—	—	103
0.31 to 1.00 percent sulfur	71	2	73	140	55	27	222
Greater than 1.00 percent sulfur	248	—	248	299	152	51	502
Petrochemical Feedstocks	—	3	3	593	—	—	593
Naphtha for Petro. Feed. Use	—	—	—	479	—	—	479
Other Oils for Petro. Feed. Use	—	3	3	114	—	—	114
Special Naphthas	—	21	21	88	—	13	101
Lubricants	707	290	997	—	—	232	232
Waxes	—	325	325	—	—	61	61
Petroleum Coke	—	—	—	358	2,459	187	3,004
Marketable	—	—	—	358	2,459	187	3,004
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	119	686	805	2,561	1,934	234	4,729
Miscellaneous Products	8	43	51	76	16	8	100
Total Stocks, All Oils	16,796	3,144	19,940	38,736	11,239	13,410	63,385

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,999	25,671	16,126	1,170	292	45,258	2,381	22,847	90,638
Petroleum Products	11,592	60,558	41,019	3,832	1,216	118,217	10,411	48,138	239,939
Hydrocarbon Gas Liquids	2,833	1,781	1,230	20	33	5,897	414	1,401	11,402
Natural Gas Liquids	2,088	1,574	1,139	19	33	4,853	306	1,351	9,738
Ethane	19	2	—	—	—	21	—	—	21
Propane	423	339	70	4	4	840	51	143	1,841
Normal Butane	1,061	968	575	9	25	2,638	176	819	5,049
Isobutane	484	230	333	6	4	1,057	57	385	2,174
Natural Gasoline	101	35	161	—	—	297	22	4	653
Refinery Olefins	745	207	91	1	0	1,044	108	50	1,664
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	732	48	56	1	0	837	3	15	1,279
Normal Butylene	13	159	35	0	0	207	105	35	385
Isobutylene	0	0	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	43	1,075	159	26	7	1,310	115	1,076	2,848
Biofuels (including Fuel Ethanol)	43	1,075	159	26	7	1,310	115	1,076	2,824
Fuel Ethanol	33	1,036	120	18	3	1,210	106	163	1,771
Biodiesel	10	39	39	8	4	100	9	9	149
Renewable Diesel Fuel	—	—	—	—	—	—	—	904	904
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	24
Unfinished Oils	3,562	23,978	13,769	996	616	42,921	3,160	18,242	83,138
Naphthas and Lighter	1,617	6,307	1,887	323	217	10,351	850	2,879	18,914
Kerosene and Light Gas Oils	621	4,144	1,944	182	219	7,110	725	3,273	14,537
Heavy Gas Oils	849	10,653	7,605	441	180	19,728	1,155	9,370	37,884
Residuum	475	2,874	2,333	50	—	5,732	430	2,720	11,803
Motor Gasoline Blending Components (MGBC)	2,852	12,611	11,263	262	226	27,214	3,005	13,278	59,800
Reformulated - RBOB	81	1,531	446	—	37	2,095	—	4,398	8,512
Conventional	2,771	11,080	10,817	262	189	25,119	3,005	8,880	51,288
CBOB	1,346	3,613	5,465	202	22	10,648	1,498	2,664	21,038
GTAB	—	—	—	—	—	—	—	—	—
Other	1,425	7,467	5,352	60	167	14,471	1,507	6,216	30,250
Aviation Gasoline Blending Components	23	—	11	—	—	34	—	—	34
Finished Motor Gasoline	91	1,503	896	31	6	2,527	694	740	4,808
Reformulated	—	—	—	—	—	—	—	20	20
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	20	20
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	91	1,503	896	31	6	2,527	694	720	4,788
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	53	—	53
Ed55 and Lower	—	—	—	—	—	—	53	—	53
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	91	1,503	896	31	6	2,527	641	720	4,735
Finished Aviation Gasoline	22	230	164	—	—	416	9	102	568
Kerosene-Type Jet Fuel	330	2,672	1,896	59	—	4,957	289	3,190	11,088
Kerosene	28	45	1	2	—	76	1	1	270
Distillate Fuel Oil	959	7,594	5,510	455	83	14,601	1,483	5,072	29,256
15 ppm sulfur and under	849	6,446	4,585	317	83	12,280	1,354	4,519	25,351
Greater than 15 ppm to 500 ppm sulfur	110	147	275	37	—	569	102	207	1,052
Greater than 500 ppm sulfur	—	1,001	650	101	—	1,752	27	346	2,853
Residual Fuel Oil	236	2,125	1,340	7	108	3,816	239	1,724	6,943
Less than 0.31 percent sulfur	14	—	80	—	—	94	27	28	268
0.31 to 1.00 percent sulfur	96	560	286	7	—	949	8	347	1,599
Greater than 1.00 percent sulfur	126	1,565	974	—	108	2,773	204	1,349	5,076
Petrochemical Feedstocks	35	1,448	567	3	28	2,081	—	—	2,677
Naphtha for Petro. Feed. Use	28	989	543	3	—	1,563	—	—	2,042
Other Oils for Petro. Feed. Use	7	459	24	—	28	518	—	—	635
Special Naphthas	85	563	—	175	—	823	—	17	962
Lubricants	44	2,494	1,861	854	—	5,253	—	1,091	7,573
Waxes	—	87	107	65	—	259	—	—	645
Petroleum Coke	55	1,944	1,571	—	—	3,570	131	1,113	7,818
Marketable	55	1,944	1,571	—	—	3,570	131	1,113	7,818
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	323	191	613	876	107	2,110	849	1,033	9,526
Miscellaneous Products	71	217	61	1	2	352	22	58	583
Total Stocks, All Oils	13,591	86,229	57,145	5,002	1,508	163,475	12,792	70,985	330,577

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,659	943	6,602	9,116	1,994	2,110	13,220
Petroleum Products	10,291	2,286	12,577	29,710	8,780	10,665	49,155
Hydrocarbon Gas Liquids	429	14	443	2,364	457	796	3,617
Natural Gas Liquids	310	14	324	1,904	436	780	3,120
Ethane	—	—	—	—	—	—	—
Propane	83	3	86	591	42	198	831
Normal Butane	166	2	168	969	364	206	1,539
Isobutane	61	9	70	251	30	242	523
Natural Gasoline	—	—	—	93	—	134	227
Refinery Olefins	119	0	119	460	21	16	497
Ethylene	—	—	—	—	—	—	—
Propylene	111	0	111	400	21	11	432
Normal Butylene	8	0	8	60	0	5	65
Isobutylene	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	133	98	231	48	62	31	141
Biofuels (including Fuel Ethanol)	133	98	231	35	62	31	128
Fuel Ethanol	133	89	222	29	52	27	108
Biodiesel	—	9	9	6	10	4	20
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	13	—	—	13
Unfinished Oils	3,472	322	3,794	8,616	1,232	4,183	14,031
Naphthas and Lighter	730	179	909	1,976	335	1,044	3,355
Kerosene and Light Gas Oils	527	—	527	1,902	622	751	3,275
Heavy Gas Oils	1,650	135	1,785	3,226	275	1,471	4,972
Residuum	565	8	573	1,512	—	917	2,429
Motor Gasoline Blending Components (MGBC)	2,970	234	3,204	8,228	1,704	2,861	12,793
Reformulated - RBOB	1,017	—	1,017	1,082	—	—	1,082
Conventional	1,953	234	2,187	7,146	1,704	2,861	11,711
CBOB	257	186	443	3,037	957	1,815	5,809
GTAB	—	—	—	—	—	—	—
Other	1,696	48	1,744	4,109	747	1,046	5,902
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	51	51	617	103	172	892
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	51	51	617	103	172	892
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	51	51	617	103	172	892
Finished Aviation Gasoline	—	—	—	—	35	—	35
Kerosene-Type Jet Fuel	575	—	575	1,574	340	245	2,159
Kerosene	96	3	99	100	—	54	154
Distillate Fuel Oil	1,477	200	1,677	3,731	1,191	1,482	6,404
15 ppm sulfur and under	1,095	157	1,252	3,632	815	1,272	5,719
Greater than 15 ppm to 500 ppm sulfur	44	34	78	—	—	172	172
Greater than 500 ppm sulfur	338	9	347	99	376	38	513
Residual Fuel Oil	315	19	334	551	192	81	824
Less than 0.31 percent sulfur	—	17	17	117	—	—	117
0.31 to 1.00 percent sulfur	108	2	110	87	58	34	179
Greater than 1.00 percent sulfur	207	—	207	347	134	47	528
Petrochemical Feedstocks	—	4	4	545	—	—	545
Naphtha for Petro. Feed. Use	—	—	—	428	—	—	428
Other Oils for Petro. Feed. Use	—	4	4	117	—	—	117
Special Naphthas	—	27	27	82	—	13	95
Lubricants	721	241	962	—	—	237	237
Waxes	—	359	359	—	—	68	68
Petroleum Coke	—	—	—	336	1,421	270	2,027
Marketable	—	—	—	336	1,421	270	2,027
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	95	667	762	2,853	2,025	165	5,043
Miscellaneous Products	8	47	55	65	18	7	90
Total Stocks, All Oils	15,950	3,229	19,179	38,826	10,774	12,775	62,375

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,059	25,430	15,462	1,171	278	44,400	2,771	22,102	89,095
Petroleum Products	11,666	63,859	39,761	4,004	1,110	120,400	10,350	46,469	238,951
Hydrocarbon Gas Liquids	2,892	1,760	1,156	9	49	5,866	440	1,431	11,797
Natural Gas Liquids	2,394	1,569	892	8	49	4,912	347	1,385	10,088
Ethane	20	2	—	—	—	22	—	—	22
Propane	592	404	82	2	3	1,083	42	100	2,142
Normal Butane	1,219	893	280	2	39	2,433	179	872	5,191
Isobutane	497	222	307	4	7	1,037	94	410	2,134
Natural Gasoline	66	48	223	—	—	337	32	3	599
Refinery Olefins	498	191	264	1	0	954	93	46	1,709
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	487	48	55	1	0	591	3	9	1,146
Normal Butylene	11	143	209	0	0	363	90	37	563
Isobutylene	0	0	0	0	0	0	0	0	0
Biofuels/Other Hydrocarbons	48	1,066	125	28	9	1,276	111	1,046	2,805
Biofuels (including Fuel Ethanol)	48	1,066	125	28	9	1,276	111	1,046	2,792
Fuel Ethanol	35	1,028	75	20	6	1,164	106	203	1,803
Biodiesel	13	38	50	8	3	112	5	8	154
Renewable Diesel Fuel	—	—	—	—	—	—	—	835	835
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	13
Unfinished Oils	3,583	24,276	13,289	1,037	496	42,681	3,483	17,649	81,638
Naphthas and Lighter	1,582	6,427	1,856	320	108	10,293	761	2,980	18,298
Kerosene and Light Gas Oils	597	4,369	1,560	211	155	6,892	890	3,254	14,838
Heavy Gas Oils	927	10,249	7,435	449	233	19,293	1,425	9,173	36,648
Residuum	477	3,231	2,438	57	—	6,203	407	2,242	11,854
Motor Gasoline Blending Components (MGBC)	2,701	13,391	10,715	281	237	27,325	2,702	12,838	58,862
Reformulated - RBOB	137	1,429	383	—	21	1,970	—	4,831	8,900
Conventional	2,564	11,962	10,332	281	216	25,355	2,702	8,007	49,962
CBOB	1,167	4,336	5,527	227	24	11,281	1,145	2,129	20,807
GTAB	—	—	—	—	—	—	—	—	—
Other	1,397	7,626	4,805	54	192	14,074	1,557	5,878	29,155
Aviation Gasoline Blending Components	22	—	16	—	—	38	—	—	38
Finished Motor Gasoline	84	1,568	1,208	26	6	2,892	604	824	5,263
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	84	1,568	1,208	26	6	2,892	604	808	5,247
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	48	—	48
Ed55 and Lower	—	—	—	—	—	—	48	—	48
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	84	1,568	1,208	26	6	2,892	556	808	5,199
Finished Aviation Gasoline	20	195	153	—	—	368	10	98	511
Kerosene-Type Jet Fuel	486	2,972	2,389	104	—	5,951	296	2,900	11,881
Kerosene	26	30	1	5	—	62	—	1	316
Distillate Fuel Oil	879	9,095	5,144	425	92	15,635	1,466	4,735	29,917
15 ppm sulfur and under	840	7,591	4,378	261	92	13,162	1,301	3,885	25,319
Greater than 15 ppm to 500 ppm sulfur	39	319	218	25	—	601	138	390	1,379
Greater than 500 ppm sulfur	—	1,185	548	139	—	1,872	27	460	3,219
Residual Fuel Oil	291	2,161	978	8	66	3,504	217	2,200	7,079
Less than 0.31 percent sulfur	15	—	47	—	—	62	15	22	233
0.31 to 1.00 percent sulfur	99	522	305	8	—	934	8	383	1,614
Greater than 1.00 percent sulfur	177	1,639	626	—	66	2,508	194	1,795	5,232
Petrochemical Feedstocks	41	1,432	460	3	25	1,961	—	—	2,510
Naphtha for Petro. Feed. Use	35	990	436	3	—	1,464	—	—	1,892
Other Oils for Petro. Feed. Use	6	442	24	—	25	497	—	—	618
Special Naphthas	74	561	—	230	—	865	—	54	1,041
Lubricants	40	2,279	2,081	877	—	5,277	—	774	7,250
Waxes	—	92	108	71	—	271	—	—	698
Petroleum Coke	60	2,587	1,331	—	—	3,978	103	879	6,987
Marketable	60	2,587	1,331	—	—	3,978	103	879	6,987
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	309	140	537	899	128	2,013	899	978	9,695
Miscellaneous Products	110	254	70	1	2	437	19	62	663
Total Stocks, All Oils	13,725	89,289	55,223	5,175	1,388	164,800	13,121	68,571	328,046

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,053	867	5,920	9,185	2,118	1,903	13,206
Petroleum Products	9,657	2,203	11,860	30,350	8,287	9,836	48,473
Hydrocarbon Gas Liquids	389	20	409	2,558	307	867	3,732
Natural Gas Liquids	314	20	334	2,139	288	851	3,278
Ethane	—	—	—	—	—	—	—
Propane	43	1	44	582	30	273	885
Normal Butane	175	4	179	1,165	222	201	1,588
Isobutane	96	15	111	248	36	241	525
Natural Gasoline	—	—	—	144	—	136	280
Refinery Olefins	75	0	75	419	19	16	454
Ethylene	—	—	—	—	—	—	—
Propylene	70	0	70	338	19	16	373
Normal Butylene	1	0	1	81	0	0	81
Isobutylene	4	0	4	0	0	0	0
Biofuels/Other Hydrocarbons	36	101	137	40	54	30	124
Biofuels (including Fuel Ethanol)	36	101	137	28	54	30	112
Fuel Ethanol	36	90	126	23	41	26	90
Biodiesel	—	11	11	5	13	4	22
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	12	—	—	12
Unfinished Oils	3,850	363	4,213	8,366	1,474	3,464	13,304
Naphthas and Lighter	613	215	828	2,019	342	995	3,356
Kerosene and Light Gas Oils	353	—	353	1,761	748	396	2,905
Heavy Gas Oils	2,251	141	2,392	3,018	384	1,233	4,635
Residuum	633	7	640	1,568	—	840	2,408
Motor Gasoline Blending Components (MGBC)	2,814	250	3,064	7,965	1,830	2,611	12,406
Reformulated - RBOB	976	—	976	881	—	—	881
Conventional	1,838	250	2,088	7,084	1,830	2,611	11,525
CBOB	244	177	421	2,934	880	1,803	5,617
GTAB	—	—	—	—	—	—	—
Other	1,594	73	1,667	4,150	950	808	5,908
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	28	28	589	99	148	836
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	28	28	589	99	148	836
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	28	28	589	99	148	836
Finished Aviation Gasoline	—	—	—	—	36	—	36
Kerosene-Type Jet Fuel	480	—	480	1,718	278	268	2,264
Kerosene	60	2	62	105	—	23	128
Distillate Fuel Oil	1,059	204	1,263	4,021	1,095	1,450	6,566
15 ppm sulfur and under	754	151	905	3,820	834	1,326	5,980
Greater than 15 ppm to 500 ppm sulfur	26	44	70	—	—	66	66
Greater than 500 ppm sulfur	279	9	288	201	261	58	520
Residual Fuel Oil	345	19	364	595	165	84	844
Less than 0.31 percent sulfur	—	17	17	105	—	—	105
0.31 to 1.00 percent sulfur	125	2	127	143	22	35	200
Greater than 1.00 percent sulfur	220	—	220	347	143	49	539
Petrochemical Feedstocks	—	4	4	566	—	—	566
Naphtha for Petro. Feed. Use	—	—	—	452	—	—	452
Other Oils for Petro. Feed. Use	—	4	4	114	—	—	114
Special Naphthas	—	22	22	70	—	14	84
Lubricants	520	253	773	—	—	228	228
Waxes	—	365	365	—	—	71	71
Petroleum Coke	—	—	—	807	1,118	374	2,299
Marketable	—	—	—	807	1,118	374	2,299
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	96	529	625	2,893	1,816	197	4,906
Miscellaneous Products	8	43	51	57	15	7	79
Total Stocks, All Oils	14,710	3,070	17,780	39,535	10,405	11,739	61,679

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,214	26,089	16,624	1,209	240	46,376	2,755	22,853	91,110
Petroleum Products	10,864	61,152	39,557	3,697	1,194	116,464	10,590	45,997	233,384
Hydrocarbon Gas Liquids	3,093	2,152	903	10	72	6,230	468	1,504	12,343
Natural Gas Liquids	2,520	1,956	622	9	72	5,179	369	1,368	10,528
Ethane	15	2	—	—	—	17	—	—	17
Propane	422	529	82	2	3	1,038	61	73	2,101
Normal Butane	1,565	1,178	248	4	61	3,056	212	855	5,890
Isobutane	479	223	215	3	8	928	79	437	2,080
Natural Gasoline	39	24	77	—	—	140	17	3	440
Refinery Olefins	573	196	281	1	0	1,051	99	136	1,815
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	554	52	63	1	0	670	4	21	1,138
Normal Butylene	19	144	218	0	0	381	95	115	673
Isobutylene	0	0	0	0	0	0	0	0	4
Biofuels/Other Hydrocarbons	47	668	127	33	8	883	118	813	2,075
Biofuels (including Fuel Ethanol)	47	668	127	33	8	883	118	813	2,063
Fuel Ethanol	32	629	66	26	5	758	112	159	1,245
Biodiesel	15	39	61	7	3	125	6	9	173
Renewable Diesel Fuel	—	—	—	—	—	—	—	645	645
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	12
Unfinished Oils	3,009	23,822	13,533	1,076	618	42,058	3,145	17,587	80,307
Naphthas and Lighter	1,318	6,231	1,645	273	218	9,685	752	2,758	17,379
Kerosene and Light Gas Oils	513	4,260	1,652	267	187	6,879	707	3,531	14,375
Heavy Gas Oils	741	9,816	7,838	511	213	19,119	1,248	8,930	36,324
Residuum	437	3,515	2,398	25	—	6,375	438	2,368	12,229
Motor Gasoline Blending Components (MGBC)	2,565	12,603	10,515	287	204	26,174	2,828	12,567	57,039
Reformulated - RBOB	100	1,522	604	—	11	2,237	—	4,853	8,947
Conventional	2,465	11,081	9,911	287	193	23,937	2,828	7,714	48,092
CBOB	1,297	3,445	5,179	212	27	10,160	1,385	2,191	19,774
GTAB	—	—	—	—	—	—	—	—	—
Other	1,168	7,636	4,732	75	166	13,777	1,443	5,523	28,318
Aviation Gasoline Blending Components	14	—	11	—	—	25	—	—	25
Finished Motor Gasoline	70	1,741	1,554	28	—	3,393	719	714	5,690
Reformulated	—	—	—	—	—	—	—	15	15
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	15	15
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	70	1,741	1,554	28	—	3,393	719	699	5,675
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	54	—	54
Ed55 and Lower	—	—	—	—	—	—	54	—	54
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	70	1,741	1,554	28	—	3,393	665	699	5,621
Finished Aviation Gasoline	25	97	147	—	—	269	10	182	497
Kerosene-Type Jet Fuel	427	3,157	1,963	64	—	5,611	262	3,317	11,934
Kerosene	10	92	1	3	—	106	—	3	299
Distillate Fuel Oil	760	8,075	5,439	482	72	14,828	1,741	4,882	29,280
15 ppm sulfur and under	673	6,811	4,528	290	72	12,374	1,541	4,292	25,092
Greater than 15 ppm to 500 ppm sulfur	87	310	281	30	—	708	133	253	1,230
Greater than 500 ppm sulfur	—	954	630	162	—	1,746	67	337	2,958
Residual Fuel Oil	270	2,191	949	10	114	3,534	222	1,766	6,730
Less than 0.31 percent sulfur	15	—	37	—	—	52	20	24	218
0.31 to 1.00 percent sulfur	94	440	258	10	—	802	9	308	1,446
Greater than 1.00 percent sulfur	161	1,751	654	—	114	2,680	193	1,434	5,066
Petrochemical Feedstocks	44	1,612	455	3	22	2,136	—	—	2,706
Naphtha for Petro. Feed. Use	35	993	433	3	—	1,464	—	—	1,916
Other Oils for Petro. Feed. Use	9	619	22	—	22	672	—	—	790
Special Naphthas	65	527	—	119	—	711	—	50	867
Lubricants	29	2,201	1,872	798	—	4,900	—	809	6,710
Waxes	—	92	103	74	—	269	—	—	705
Petroleum Coke	60	1,739	1,387	—	—	3,186	104	899	6,488
Marketable	60	1,739	1,387	—	—	3,186	104	899	6,488
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	241	143	513	709	82	1,688	949	849	9,017
Miscellaneous Products	135	240	85	1	2	463	24	55	672
Total Stocks, All Oils	13,078	87,241	56,181	4,906	1,434	162,840	13,345	68,850	324,494

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,546	845	6,391	9,586	1,987	1,996	13,569
Petroleum Products	9,652	2,249	11,901	30,138	9,031	10,311	49,480
Hydrocarbon Gas Liquids	385	40	425	2,697	463	908	4,068
Natural Gas Liquids	327	40	367	2,377	442	897	3,716
Ethane	—	—	—	—	—	—	—
Propane	64	10	74	652	36	303	991
Normal Butane	177	13	190	1,396	347	193	1,936
Isobutane	86	17	103	220	59	227	506
Natural Gasoline	—	—	—	109	—	174	283
Refinery Olefins	58	0	58	320	21	11	352
Ethylene	—	—	—	—	—	—	—
Propylene	53	0	53	288	21	7	316
Normal Butylene	1	0	1	32	0	4	36
Isobutylene	4	0	4	0	0	0	0
Biofuels/Other Hydrocarbons	121	96	217	47	62	30	139
Biofuels (including Fuel Ethanol)	121	96	217	36	62	30	128
Fuel Ethanol	121	86	207	30	52	25	107
Biodiesel	—	10	10	6	10	5	21
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	11	—	—	11
Unfinished Oils	3,306	338	3,644	8,639	1,368	3,399	13,406
Naphthas and Lighter	659	196	855	1,906	231	1,079	3,216
Kerosene and Light Gas Oils	379	—	379	2,007	483	335	2,825
Heavy Gas Oils	1,767	136	1,903	3,375	654	1,074	5,103
Residuum	501	6	507	1,351	—	911	2,262
Motor Gasoline Blending Components (MGBC)	2,936	256	3,192	8,438	2,174	2,859	13,471
Reformulated - RBOB	1,092	—	1,092	1,017	—	—	1,017
Conventional	1,844	256	2,100	7,421	2,174	2,859	12,454
CBOB	170	179	349	3,202	1,274	1,974	6,450
GTAB	—	—	—	—	—	—	—
Other	1,674	77	1,751	4,219	900	885	6,004
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	56	56	391	82	264	737
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	56	56	391	82	264	737
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	56	56	391	82	264	737
Finished Aviation Gasoline	—	—	—	—	54	—	54
Kerosene-Type Jet Fuel	530	—	530	1,499	291	256	2,046
Kerosene	95	1	96	111	—	56	167
Distillate Fuel Oil	1,375	259	1,634	3,243	1,195	1,393	5,831
15 ppm sulfur and under	1,020	183	1,203	3,090	1,045	1,331	5,466
Greater than 15 ppm to 500 ppm sulfur	31	67	98	—	—	29	29
Greater than 500 ppm sulfur	324	9	333	153	150	33	336
Residual Fuel Oil	301	21	322	624	216	90	930
Less than 0.31 percent sulfur	—	19	19	161	—	—	161
0.31 to 1.00 percent sulfur	125	2	127	81	40	33	154
Greater than 1.00 percent sulfur	176	—	176	382	176	57	615
Petrochemical Feedstocks	—	5	5	549	—	—	549
Naphtha for Petro. Feed. Use	—	—	—	421	—	—	421
Other Oils for Petro. Feed. Use	—	5	5	128	—	—	128
Special Naphthas	—	25	25	84	—	16	100
Lubricants	478	245	723	—	—	271	271
Waxes	—	351	351	—	—	52	52
Petroleum Coke	—	—	—	1,219	1,467	411	3,097
Marketable	—	—	—	1,219	1,467	411	3,097
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	117	507	624	2,530	1,631	297	4,458
Miscellaneous Products	8	49	57	67	28	9	104
Total Stocks, All Oils	15,198	3,094	18,292	39,724	11,018	12,307	63,049

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,979	25,318	16,727	1,209	229	45,462	2,509	17,890	85,821
Petroleum Products	11,862	60,703	39,723	3,794	1,106	117,188	10,344	45,689	234,602
Hydrocarbon Gas Liquids	3,282	1,771	1,094	8	88	6,243	444	1,401	12,581
Natural Gas Liquids	2,495	1,567	957	7	88	5,114	375	1,180	10,752
Ethane	12	1	—	—	—	13	—	—	13
Propane	220	172	58	1	3	454	54	92	1,665
Normal Butane	1,753	1,137	465	3	77	3,435	225	695	6,481
Isobutane	440	223	253	3	8	927	67	390	1,993
Natural Gasoline	70	34	181	—	—	285	29	3	600
Refinery Olefins	787	204	137	1	0	1,129	69	221	1,829
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	741	51	45	1	0	838	3	23	1,233
Normal Butylene	46	153	92	0	0	291	66	198	592
Isobutylene	0	0	0	0	0	0	0	0	4
Biofuels/Other Hydrocarbons	49	1,063	100	28	7	1,247	108	983	2,694
Biofuels (including Fuel Ethanol)	49	1,063	100	28	7	1,247	108	983	2,683
Fuel Ethanol	32	1,024	56	22	4	1,138	98	145	1,695
Biodiesel	17	39	44	6	3	109	10	7	157
Renewable Diesel Fuel	—	—	—	—	—	—	—	831	831
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	11
Unfinished Oils	3,531	23,906	14,560	1,142	524	43,663	2,952	17,672	81,337
Naphthas and Lighter	1,759	6,917	1,896	251	127	10,950	605	2,513	18,139
Kerosene and Light Gas Oils	599	3,961	1,726	221	177	6,684	706	3,509	14,103
Heavy Gas Oils	759	9,030	8,512	569	220	19,090	1,210	8,854	36,160
Residuum	414	3,998	2,426	101	—	6,939	431	2,796	12,935
Motor Gasoline Blending Components (MGBC)	2,663	12,328	10,538	311	231	26,071	2,761	12,260	57,755
Reformulated - RBOB	64	1,055	560	—	11	1,690	—	4,667	8,466
Conventional	2,599	11,273	9,978	311	220	24,381	2,761	7,593	49,289
CBOB	1,251	4,020	5,539	251	42	11,103	1,423	2,129	21,454
GTAB	—	—	—	—	—	—	—	—	—
Other	1,348	7,253	4,439	60	178	13,278	1,338	5,464	27,835
Aviation Gasoline Blending Components	8	—	11	—	—	19	—	—	19
Finished Motor Gasoline	127	1,549	1,126	14	—	2,816	776	510	4,895
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	127	1,549	1,126	14	—	2,816	776	494	4,879
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	74	—	74
Ed55 and Lower	—	—	—	—	—	—	74	—	74
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	127	1,549	1,126	14	—	2,816	702	494	4,805
Finished Aviation Gasoline	35	132	154	—	—	321	10	138	523
Kerosene-Type Jet Fuel	510	3,133	1,940	105	—	5,688	281	3,272	11,817
Kerosene	13	29	1	2	—	45	—	3	311
Distillate Fuel Oil	786	7,933	5,073	494	72	14,358	1,700	4,696	28,219
15 ppm sulfur and under	762	6,848	3,997	357	72	12,036	1,562	4,213	24,480
Greater than 15 ppm to 500 ppm sulfur	24	56	280	13	—	373	90	146	736
Greater than 500 ppm sulfur	—	1,029	796	124	—	1,949	48	337	3,003
Residual Fuel Oil	225	2,193	992	10	77	3,497	213	2,090	7,052
Less than 0.31 percent sulfur	13	—	37	—	—	50	27	18	275
0.31 to 1.00 percent sulfur	92	453	248	10	—	803	5	277	1,366
Greater than 1.00 percent sulfur	120	1,740	707	—	77	2,644	181	1,795	5,411
Petrochemical Feedstocks	53	1,527	428	3	22	2,033	—	—	2,587
Naphtha for Petro. Feed. Use	51	998	404	3	—	1,456	—	—	1,877
Other Oils for Petro. Feed. Use	2	529	24	—	22	577	—	—	710
Special Naphthas	80	585	—	131	—	796	—	42	963
Lubricants	39	2,187	1,804	769	—	4,799	—	602	6,395
Waxes	—	109	107	67	—	283	—	—	686
Petroleum Coke	61	1,854	1,031	—	—	2,946	152	1,067	7,262
Marketable	61	1,854	1,031	—	—	2,946	152	1,067	7,262
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	241	143	685	709	83	1,861	924	892	8,759
Miscellaneous Products	159	261	79	1	2	502	23	61	747
Total Stocks, All Oils	13,841	86,021	56,450	5,003	1,335	162,650	12,853	63,579	320,423

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,610	846	5,456	8,442	2,072	2,151	12,665
Petroleum Products	9,187	2,046	11,233	30,870	8,676	10,762	50,308
Hydrocarbon Gas Liquids	576	60	636	2,881	592	929	4,402
Natural Gas Liquids	422	60	482	2,384	579	906	3,869
Ethane	—	—	—	—	—	—	—
Propane	90	2	92	577	35	286	898
Normal Butane	272	49	321	1,532	503	228	2,263
Isobutane	60	9	69	194	41	197	432
Natural Gasoline	—	—	—	81	—	195	276
Refinery Olefins	154	0	154	497	13	23	533
Ethylene	—	—	—	—	—	—	—
Propylene	112	0	112	417	13	23	453
Normal Butylene	0	0	0	80	0	0	80
Isobutylene	42	0	42	0	0	0	0
Biofuels/Other Hydrocarbons	55	93	148	39	62	26	127
Biofuels (including Fuel Ethanol)	55	93	148	25	62	26	113
Fuel Ethanol	55	85	140	20	53	23	96
Biodiesel	—	8	8	5	9	3	17
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	14	—	—	14
Unfinished Oils	2,889	373	3,262	8,120	1,513	4,236	13,869
Naphthas and Lighter	522	239	761	1,810	201	1,230	3,241
Kerosene and Light Gas Oils	371	—	371	1,792	448	390	2,630
Heavy Gas Oils	1,546	127	1,673	2,993	864	1,681	5,538
Residuum	450	7	457	1,525	—	935	2,460
Motor Gasoline Blending Components (MGBC)	2,699	247	2,946	7,938	2,063	2,553	12,554
Reformulated - RBOB	809	—	809	915	—	—	915
Conventional	1,890	247	2,137	7,023	2,063	2,553	11,639
CBOB	271	154	425	2,837	1,244	1,738	5,819
GTAB	—	—	—	—	—	—	—
Other	1,619	93	1,712	4,186	819	815	5,820
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	24	24	458	83	314	855
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	24	24	458	83	314	855
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	24	24	458	83	314	855
Finished Aviation Gasoline	—	—	—	—	22	—	22
Kerosene-Type Jet Fuel	511	—	511	1,485	339	196	2,020
Kerosene	106	6	112	93	—	65	158
Distillate Fuel Oil	1,372	247	1,619	3,880	1,328	1,545	6,753
15 ppm sulfur and under	1,012	159	1,171	3,704	1,272	1,344	6,320
Greater than 15 ppm to 500 ppm sulfur	27	80	107	—	—	145	145
Greater than 500 ppm sulfur	333	8	341	176	56	56	288
Residual Fuel Oil	256	16	272	739	171	79	989
Less than 0.31 percent sulfur	—	14	14	228	—	—	228
0.31 to 1.00 percent sulfur	134	2	136	82	66	27	175
Greater than 1.00 percent sulfur	122	—	122	429	105	52	586
Petrochemical Feedstocks	—	8	8	610	—	—	610
Naphtha for Petro. Feed. Use	—	—	—	495	—	—	495
Other Oils for Petro. Feed. Use	—	8	8	115	—	—	115
Special Naphthas	—	28	28	86	—	16	102
Lubricants	607	222	829	—	—	266	266
Waxes	—	320	320	—	—	62	62
Petroleum Coke	—	—	—	1,616	874	178	2,668
Marketable	—	—	—	1,616	874	178	2,668
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	108	347	455	2,856	1,603	289	4,748
Miscellaneous Products	8	55	63	69	26	8	103
Total Stocks, All Oils	13,797	2,892	16,689	39,312	10,748	12,913	62,973

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,015	24,578	17,356	1,155	267	45,371	2,582	20,969	87,043
Petroleum Products	12,533	59,505	38,708	3,664	1,151	115,561	10,435	46,273	233,810
Hydrocarbon Gas Liquids	3,576	2,040	1,180	11	101	6,908	468	1,521	13,935
Natural Gas Liquids	3,047	1,776	1,103	9	101	6,036	365	1,395	12,147
Ethane	15	1	—	—	—	16	—	—	16
Propane	433	401	56	1	3	894	30	86	2,000
Normal Butane	2,151	1,106	698	5	90	4,050	198	899	7,731
Isobutane	425	209	222	3	8	867	96	407	1,871
Natural Gasoline	23	59	127	—	—	209	41	3	529
Refinery Olefins	529	264	77	2	0	872	103	126	1,788
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	510	57	49	2	0	618	3	13	1,199
Normal Butylene	19	207	28	0	0	254	100	113	547
Isobutylene	0	0	0	0	0	0	0	0	42
Biofuels/Other Hydrocarbons	45	1,041	91	28	7	1,212	99	946	2,532
Biofuels (including Fuel Ethanol)	45	1,041	91	28	7	1,212	99	946	2,518
Fuel Ethanol	32	1,002	54	22	3	1,113	91	171	1,611
Biodiesel	13	39	37	6	4	99	8	9	141
Renewable Diesel Fuel	—	—	—	—	—	—	—	766	766
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils	3,833	22,772	13,378	1,241	462	41,686	2,988	17,940	79,745
Naphthas and Lighter	2,002	6,114	1,640	247	107	10,110	634	2,876	17,622
Kerosene and Light Gas Oils	548	4,003	1,734	257	143	6,685	781	3,033	13,500
Heavy Gas Oils	878	9,450	7,802	664	212	19,006	1,109	8,659	35,985
Residuum	405	3,205	2,202	73	—	5,885	464	3,372	12,638
Motor Gasoline Blending Components (MGBC)	2,713	12,464	10,463	234	267	26,141	3,095	12,415	57,151
Reformulated - RBOB	16	1,181	133	—	11	1,341	—	4,635	7,700
Conventional	2,697	11,283	10,330	234	256	24,800	3,095	7,780	49,451
CBOB	1,187	3,879	5,731	182	57	11,036	1,615	2,369	21,264
GTAB	—	—	—	—	—	—	—	—	—
Other	1,510	7,404	4,599	52	199	13,764	1,480	5,411	28,187
Aviation Gasoline Blending Components	9	—	10	—	—	19	—	—	19
Finished Motor Gasoline	130	1,160	974	40	—	2,304	626	891	4,700
Reformulated	—	—	—	—	—	—	—	10	10
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	10	10
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	130	1,160	974	40	—	2,304	626	881	4,690
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	74	—	74
Ed55 and Lower	—	—	—	—	—	—	74	—	74
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	130	1,160	974	40	—	2,304	552	881	4,616
Finished Aviation Gasoline	30	171	128	—	—	329	10	127	488
Kerosene-Type Jet Fuel	490	2,925	1,982	74	—	5,471	347	3,119	11,468
Kerosene	38	29	1	4	—	72	2	3	347
Distillate Fuel Oil	766	8,237	5,026	421	112	14,562	1,519	4,709	29,162
15 ppm sulfur and under	732	7,104	3,789	243	112	11,980	1,364	4,149	24,984
Greater than 15 ppm to 500 ppm sulfur	34	51	473	36	—	594	92	244	1,182
Greater than 500 ppm sulfur	—	1,082	764	142	—	1,988	63	316	2,996
Residual Fuel Oil	209	2,114	936	13	86	3,358	196	2,166	6,981
Less than 0.31 percent sulfur	19	—	39	—	—	58	21	18	339
0.31 to 1.00 percent sulfur	60	410	237	13	—	720	5	365	1,401
Greater than 1.00 percent sulfur	130	1,704	660	—	86	2,580	170	1,783	5,241
Petrochemical Feedstocks	50	1,597	564	3	22	2,236	—	—	2,854
Naphtha for Petro. Feed. Use	46	976	524	3	—	1,549	—	—	2,044
Other Oils for Petro. Feed. Use	4	621	40	—	22	687	—	—	810
Special Naphthas	99	558	—	143	—	800	—	51	981
Lubricants	38	2,278	2,161	765	—	5,242	—	664	7,001
Waxes	—	105	119	56	—	280	—	—	662
Petroleum Coke	84	1,576	939	—	—	2,599	125	958	6,350
Marketable	84	1,576	939	—	—	2,599	125	958	6,350
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	247	193	655	630	93	1,818	941	715	8,677
Miscellaneous Products	176	245	101	1	1	524	19	48	757
Total Stocks, All Oils	14,548	84,083	56,064	4,819	1,418	160,932	13,017	67,242	320,853

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,331	802	6,133	8,939	2,032	1,983	12,954
Petroleum Products	10,550	2,110	12,660	31,723	7,873	10,302	49,898
Hydrocarbon Gas Liquids	439	59	498	2,801	478	1,160	4,439
Natural Gas Liquids	230	59	289	2,370	452	1,102	3,924
Ethane	—	—	—	—	—	—	—
Propane	80	2	82	539	32	527	1,098
Normal Butane	112	44	156	1,512	383	215	2,110
Isobutane	38	13	51	229	37	158	424
Natural Gasoline	—	—	—	90	—	202	292
Refinery Olefins	209	0	209	431	26	58	515
Ethylene	—	—	—	—	—	—	—
Propylene	108	0	108	383	26	41	450
Normal Butylene	97	0	97	48	0	17	65
Isobutylene	4	0	4	0	0	0	0
Biofuels/Other Hydrocarbons	144	97	241	43	61	31	135
Biofuels (including Fuel Ethanol)	144	97	241	27	61	31	119
Fuel Ethanol	144	89	233	21	47	27	95
Biodiesel	—	8	8	6	14	4	24
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	16	—	—	16
Unfinished Oils	3,245	357	3,602	8,541	1,259	3,713	13,513
Naphthas and Lighter	662	223	885	1,994	186	1,005	3,185
Kerosene and Light Gas Oils	245	—	245	1,804	451	378	2,633
Heavy Gas Oils	1,948	132	2,080	3,489	622	1,530	5,641
Residuum	390	2	392	1,254	—	800	2,054
Motor Gasoline Blending Components (MGBC)	3,429	280	3,709	8,442	2,351	2,548	13,341
Reformulated - RBOB	1,496	—	1,496	817	—	—	817
Conventional	1,933	280	2,213	7,625	2,351	2,548	12,524
CBOB	121	167	288	3,208	1,459	1,755	6,422
GTAB	—	—	—	—	—	—	—
Other	1,812	113	1,925	4,417	892	793	6,102
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	43	43	586	83	259	928
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	43	43	586	83	259	928
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	43	43	586	83	259	928
Finished Aviation Gasoline	—	—	—	—	17	—	17
Kerosene-Type Jet Fuel	496	—	496	1,590	304	189	2,083
Kerosene	96	6	102	163	—	44	207
Distillate Fuel Oil	1,586	275	1,861	3,714	1,299	1,508	6,521
15 ppm sulfur and under	1,305	187	1,492	3,531	1,269	1,377	6,177
Greater than 15 ppm to 500 ppm sulfur	24	78	102	—	—	72	72
Greater than 500 ppm sulfur	257	10	267	183	30	59	272
Residual Fuel Oil	304	16	320	707	130	77	914
Less than 0.31 percent sulfur	—	14	14	243	—	—	243
0.31 to 1.00 percent sulfur	100	2	102	130	47	27	204
Greater than 1.00 percent sulfur	204	—	204	334	83	50	467
Petrochemical Feedstocks	—	6	6	546	—	—	546
Naphtha for Petro. Feed. Use	—	—	—	418	—	—	418
Other Oils for Petro. Feed. Use	—	6	6	128	—	—	128
Special Naphthas	—	37	37	69	—	18	87
Lubricants	642	214	856	—	—	244	244
Waxes	—	309	309	—	—	64	64
Petroleum Coke	—	—	—	2,023	271	156	2,450
Marketable	—	—	—	2,023	271	156	2,450
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	158	370	528	2,420	1,606	283	4,309
Miscellaneous Products	11	41	52	78	14	8	100
Total Stocks, All Oils	15,881	2,912	18,793	40,662	9,905	12,285	62,852

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,066	27,218	16,014	1,141	255	46,694	2,577	18,357	86,715
Petroleum Products	13,661	61,115	42,096	3,850	1,097	121,819	10,612	48,182	243,171
Hydrocarbon Gas Liquids	3,603	2,412	1,213	16	107	7,351	467	1,673	14,428
Natural Gas Liquids	3,051	2,226	1,125	16	107	6,525	331	1,524	12,593
Ethane	17	1	—	—	—	18	—	—	18
Propane	497	629	66	2	4	1,198	29	83	2,490
Normal Butane	2,157	1,345	649	10	93	4,254	173	1,089	7,782
Isobutane	357	203	242	4	10	816	116	350	1,757
Natural Gasoline	23	48	168	—	—	239	13	2	546
Refinery Olefins	552	186	88	0	0	826	136	149	1,835
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	528	56	62	0	0	646	3	11	1,218
Normal Butylene	24	130	26	0	0	180	133	138	613
Isobutylene	0	0	0	0	0	0	0	0	4
Biofuels/Other Hydrocarbons	53	997	107	27	5	1,189	113	1,205	2,883
Biofuels (including Fuel Ethanol)	53	997	107	27	5	1,189	113	1,205	2,867
Fuel Ethanol	36	959	76	21	3	1,095	105	208	1,736
Biodiesel	17	38	31	6	2	94	8	7	141
Renewable Diesel Fuel	—	—	—	—	—	—	—	983	983
Other Biofuels ¹	—	—	—	—	—	—	—	7	7
Other Hydrocarbons	—	—	—	—	—	—	—	—	16
Unfinished Oils	3,837	23,345	15,211	1,174	508	44,075	2,878	17,600	81,668
Naphthas and Lighter	2,055	6,356	1,979	250	159	10,799	546	2,602	18,017
Kerosene and Light Gas Oils	444	4,493	1,918	245	126	7,226	717	3,420	14,241
Heavy Gas Oils	747	9,504	8,617	607	223	19,698	1,117	8,558	37,094
Residuum	591	2,992	2,697	72	—	6,352	498	3,020	12,316
Motor Gasoline Blending Components (MGBC)	3,225	12,449	10,940	306	251	27,171	3,116	13,904	61,241
Reformulated - RBOB	90	1,370	156	—	21	1,637	—	5,242	9,192
Conventional	3,135	11,079	10,784	306	230	25,534	3,116	8,662	52,049
CBOB	1,435	3,480	6,346	223	36	11,520	1,596	2,267	22,093
GTAB	—	—	—	—	—	—	—	—	—
Other	1,700	7,599	4,438	83	194	14,014	1,520	6,395	29,956
Aviation Gasoline Blending Components	10	—	17	—	—	27	—	—	27
Finished Motor Gasoline	166	1,473	1,021	33	—	2,693	595	727	4,986
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	166	1,473	1,021	33	—	2,693	595	711	4,970
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	63	—	63
Ed55 and Lower	—	—	—	—	—	—	63	—	63
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	166	1,473	1,021	33	—	2,693	532	711	4,907
Finished Aviation Gasoline	21	201	154	—	—	376	8	159	560
Kerosene-Type Jet Fuel	480	3,319	2,348	66	—	6,213	318	3,172	12,282
Kerosene	21	79	1	5	—	106	2	1	418
Distillate Fuel Oil	1,257	8,268	5,339	484	66	15,414	1,745	4,945	30,486
15 ppm sulfur and under	1,242	7,073	4,197	333	66	12,911	1,581	4,418	26,579
Greater than 15 ppm to 500 ppm sulfur	15	94	522	20	—	651	108	300	1,233
Greater than 500 ppm sulfur	—	1,101	620	131	—	1,852	56	227	2,674
Residual Fuel Oil	223	1,976	1,148	11	46	3,404	225	2,408	7,271
Less than 0.31 percent sulfur	14	—	16	—	—	30	23	31	341
0.31 to 1.00 percent sulfur	58	367	245	11	—	681	8	266	1,261
Greater than 1.00 percent sulfur	151	1,609	887	—	46	2,693	194	2,111	5,669
Petrochemical Feedstocks	57	1,543	552	3	25	2,180	—	—	2,732
Naphtha for Petro. Feed. Use	50	923	515	3	—	1,491	—	—	1,909
Other Oils for Petro. Feed. Use	7	620	37	—	25	689	—	—	823
Special Naphthas	126	568	—	156	—	850	—	34	1,008
Lubricants	44	1,962	2,338	879	—	5,223	—	725	7,048
Waxes	—	78	110	54	—	242	—	—	615
Petroleum Coke	79	2,096	1,035	—	—	3,210	127	896	6,683
Marketable	79	2,096	1,035	—	—	3,210	127	896	6,683
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	285	114	492	635	86	1,612	1,002	679	8,130
Miscellaneous Products	174	235	70	1	3	483	16	54	705
Total Stocks, All Oils	15,727	88,333	58,110	4,991	1,352	168,513	13,189	66,539	329,886

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,891	671	6,562	8,931	2,136	1,953	13,020
Petroleum Products	9,479	1,984	11,463	30,741	7,158	11,015	48,914
Hydrocarbon Gas Liquids	557	50	607	2,696	439	1,352	4,487
Natural Gas Liquids	317	50	367	2,252	411	1,326	3,989
Ethane	—	—	—	—	—	—	—
Propane	88	4	92	584	44	686	1,314
Normal Butane	152	31	183	1,317	314	249	1,880
Isobutane	77	15	92	231	53	167	451
Natural Gasoline	—	—	—	120	—	224	344
Refinery Olefins	240	0	240	444	28	26	498
Ethylene	—	—	—	—	—	—	—
Propylene	137	0	137	379	28	6	413
Normal Butylene	81	0	81	65	0	20	85
Isobutylene	22	0	22	0	0	0	0
Biofuels/Other Hydrocarbons	144	94	238	41	64	29	134
Biofuels (including Fuel Ethanol)	144	94	238	23	64	29	116
Fuel Ethanol	144	86	230	19	51	23	93
Biodiesel	—	8	8	4	13	6	23
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	18	—	—	18
Unfinished Oils	3,367	393	3,760	8,762	1,710	4,161	14,633
Naphthas and Lighter	735	238	973	1,880	253	1,097	3,230
Kerosene and Light Gas Oils	494	—	494	2,056	530	426	3,012
Heavy Gas Oils	1,708	152	1,860	3,511	927	1,797	6,235
Residuum	430	3	433	1,315	—	841	2,156
Motor Gasoline Blending Components (MGBC)	3,038	236	3,274	8,099	1,952	2,572	12,623
Reformulated - RBOB	1,447	—	1,447	848	—	—	848
Conventional	1,591	236	1,827	7,251	1,952	2,572	11,775
CBOB	51	171	222	2,956	1,245	1,746	5,947
GTAB	—	—	—	—	—	—	—
Other	1,540	65	1,605	4,295	707	826	5,828
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	32	32	461	106	227	794
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	32	32	461	106	227	794
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	32	32	461	106	227	794
Finished Aviation Gasoline	—	—	—	—	17	—	17
Kerosene-Type Jet Fuel	448	—	448	1,489	269	318	2,076
Kerosene	39	6	45	92	—	16	108
Distillate Fuel Oil	960	256	1,216	2,980	822	1,733	5,535
15 ppm sulfur and under	681	171	852	2,883	789	1,551	5,223
Greater than 15 ppm to 500 ppm sulfur	40	76	116	—	—	149	149
Greater than 500 ppm sulfur	239	9	248	97	33	33	163
Residual Fuel Oil	214	20	234	805	110	80	995
Less than 0.31 percent sulfur	—	18	18	282	—	—	282
0.31 to 1.00 percent sulfur	110	2	112	126	34	35	195
Greater than 1.00 percent sulfur	104	—	104	397	76	45	518
Petrochemical Feedstocks	—	6	6	539	—	—	539
Naphtha for Petro. Feed. Use	—	—	—	420	—	—	420
Other Oils for Petro. Feed. Use	—	6	6	119	—	—	119
Special Naphthas	—	42	42	72	—	17	89
Lubricants	595	214	809	—	—	82	82
Waxes	—	299	299	—	—	45	45
Petroleum Coke	—	—	—	2,047	321	152	2,520
Marketable	—	—	—	2,047	321	152	2,520
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	107	297	404	2,574	1,335	223	4,132
Miscellaneous Products	10	39	49	84	13	8	105
Total Stocks, All Oils	15,370	2,655	18,025	39,672	9,294	12,968	61,934

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,063	29,070	17,529	1,176	233	50,071	2,471	18,625	90,749
Petroleum Products	11,888	59,300	42,636	3,742	1,106	118,672	10,586	45,419	235,054
Hydrocarbon Gas Liquids	3,691	2,074	1,154	14	91	7,024	423	1,587	14,128
Natural Gas Liquids	3,039	1,478	1,041	13	91	5,662	297	1,510	11,825
Ethane	18	1	—	—	—	19	—	—	19
Propane	440	273	67	2	4	786	32	85	2,309
Normal Butane	2,208	974	513	6	73	3,774	181	1,128	7,146
Isobutane	338	199	396	5	14	952	76	294	1,865
Natural Gasoline	35	31	65	—	—	131	8	3	486
Refinery Olefins	652	596	113	1	0	1,362	126	77	2,303
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	643	55	81	1	0	780	2	13	1,345
Normal Butylene	9	541	32	0	0	582	124	64	936
Isobutylene	0	0	0	0	0	0	0	0	22
Biofuels/Other Hydrocarbons	40	668	131	16	5	860	111	794	2,137
Biofuels (including Fuel Ethanol)	40	668	131	16	5	860	111	794	2,119
Fuel Ethanol	32	630	89	10	2	763	104	173	1,363
Biodiesel	8	38	42	6	3	97	7	7	142
Renewable Diesel Fuel	—	—	—	—	—	—	—	614	614
Other Biofuels ¹	—	—	—	—	—	—	—	0	0
Other Hydrocarbons	—	—	—	—	—	—	—	—	18
Unfinished Oils	3,112	23,188	15,535	1,171	476	43,482	2,981	17,346	82,202
Naphthas and Lighter	1,490	6,576	1,879	248	110	10,303	622	2,768	17,896
Kerosene and Light Gas Oils	520	4,457	1,851	236	133	7,197	726	3,012	14,441
Heavy Gas Oils	654	8,907	8,965	591	233	19,350	1,213	8,313	36,971
Residuum	448	3,248	2,840	96	—	6,632	420	3,253	12,894
Motor Gasoline Blending Components (MGBC)	2,880	12,371	10,880	301	267	26,699	3,198	12,611	58,405
Reformulated - RBOB	101	1,021	213	—	12	1,347	—	4,959	8,601
Conventional	2,779	11,350	10,667	301	255	25,352	3,198	7,652	49,804
CBOB	1,382	3,935	5,739	226	64	11,346	1,722	1,892	21,129
GTAB	—	—	—	—	—	—	—	—	—
Other	1,397	7,415	4,928	75	191	14,006	1,476	5,760	28,675
Aviation Gasoline Blending Components	17	—	9	—	—	26	—	—	26
Finished Motor Gasoline	70	1,488	1,483	32	—	3,073	662	711	5,272
Reformulated	—	—	—	—	—	—	—	17	17
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	17	17
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	70	1,488	1,483	32	—	3,073	662	694	5,255
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	44	—	44
Ed55 and Lower	—	—	—	—	—	—	44	—	44
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	70	1,488	1,483	32	—	3,073	618	694	5,211
Finished Aviation Gasoline	25	129	213	—	—	367	7	177	568
Kerosene-Type Jet Fuel	466	2,698	1,805	68	—	5,037	328	3,029	10,918
Kerosene	12	74	1	4	—	91	2	1	247
Distillate Fuel Oil	655	7,110	5,339	368	101	13,573	1,587	4,490	26,401
15 ppm sulfur and under	634	6,051	4,030	258	101	11,074	1,454	3,994	22,597
Greater than 15 ppm to 500 ppm sulfur	21	90	556	25	—	692	98	228	1,283
Greater than 500 ppm sulfur	—	969	753	85	—	1,807	35	268	2,521
Residual Fuel Oil	210	2,310	1,299	10	62	3,891	211	1,935	7,266
Less than 0.31 percent sulfur	18	—	57	—	—	75	25	33	433
0.31 to 1.00 percent sulfur	46	530	257	10	—	843	10	232	1,392
Greater than 1.00 percent sulfur	146	1,780	985	—	62	2,973	176	1,670	5,441
Petrochemical Feedstocks	39	1,706	613	3	21	2,382	—	—	2,927
Naphtha for Petro. Feed. Use	33	1,014	599	3	—	1,649	—	—	2,069
Other Oils for Petro. Feed. Use	6	692	14	—	21	733	—	—	858
Special Naphthas	86	581	—	164	—	831	—	48	1,010
Lubricants	36	1,931	2,308	827	—	5,102	—	873	6,866
Waxes	—	84	98	51	—	233	—	—	577
Petroleum Coke	23	2,537	1,057	—	—	3,617	118	1,177	7,432
Marketable	23	2,537	1,057	—	—	3,617	118	1,177	7,432
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	359	68	632	713	82	1,854	938	584	7,912
Miscellaneous Products	167	283	79	—	1	530	20	56	760
Total Stocks, All Oils	13,951	88,370	60,165	4,918	1,339	168,743	13,057	64,044	325,803

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,606	729	6,335	8,633	2,414	2,031	13,078
Petroleum Products	10,522	1,866	12,388	30,373	7,511	11,569	49,453
Hydrocarbon Gas Liquids	716	30	746	2,404	423	1,357	4,184
Natural Gas Liquids	424	30	454	1,972	381	1,348	3,701
Ethane	—	—	—	—	—	—	—
Propane	89	2	91	527	43	745	1,315
Normal Butane	258	14	272	1,161	306	206	1,673
Isobutane	77	14	91	219	32	191	442
Natural Gasoline	—	—	—	65	—	206	271
Refinery Olefins	292	0	292	432	42	9	483
Ethylene	—	—	—	—	—	—	—
Propylene	151	0	151	404	42	8	454
Normal Butylene	103	0	103	28	0	1	29
Isobutylene	38	0	38	0	0	0	0
Biofuels/Other Hydrocarbons	155	91	246	58	73	26	157
Biofuels (including Fuel Ethanol)	155	91	246	35	73	26	134
Fuel Ethanol	155	84	239	29	58	22	109
Biodiesel	—	7	7	6	15	4	25
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	23	—	—	23
Unfinished Oils	3,147	396	3,543	8,145	1,892	4,078	14,115
Naphthas and Lighter	675	234	909	1,854	334	968	3,156
Kerosene and Light Gas Oils	429	—	429	1,753	575	460	2,788
Heavy Gas Oils	1,649	159	1,808	3,096	983	1,717	5,796
Residuum	394	3	397	1,442	—	933	2,375
Motor Gasoline Blending Components (MGBC)	2,926	192	3,118	8,543	2,096	3,072	13,711
Reformulated - RBOB	1,208	—	1,208	986	—	—	986
Conventional	1,718	192	1,910	7,557	2,096	3,072	12,725
CBOB	79	144	223	3,073	1,338	2,088	6,499
GTAB	—	—	—	—	—	—	—
Other	1,639	48	1,687	4,484	758	984	6,226
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	21	21	463	77	302	842
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	21	21	463	77	302	842
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	21	21	463	77	302	842
Finished Aviation Gasoline	—	—	—	—	13	—	13
Kerosene-Type Jet Fuel	531	—	531	1,515	254	270	2,039
Kerosene	94	7	101	112	—	40	152
Distillate Fuel Oil	1,457	237	1,694	3,645	1,057	1,841	6,543
15 ppm sulfur and under	1,137	160	1,297	3,513	992	1,634	6,139
Greater than 15 ppm to 500 ppm sulfur	90	68	158	—	—	148	148
Greater than 500 ppm sulfur	230	9	239	132	65	59	256
Residual Fuel Oil	549	20	569	678	135	91	904
Less than 0.31 percent sulfur	63	18	81	173	—	—	173
0.31 to 1.00 percent sulfur	134	2	136	144	49	36	229
Greater than 1.00 percent sulfur	352	—	352	361	86	55	502
Petrochemical Feedstocks	—	5	5	532	—	—	532
Naphtha for Petro. Feed. Use	—	—	—	417	—	—	417
Other Oils for Petro. Feed. Use	—	5	5	115	—	—	115
Special Naphthas	—	33	33	51	—	11	62
Lubricants	648	223	871	—	—	111	111
Waxes	—	293	293	—	—	35	35
Petroleum Coke	—	—	—	1,726	265	81	2,072
Marketable	—	—	—	1,726	265	81	2,072
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	290	276	566	2,419	1,204	243	3,866
Miscellaneous Products	9	42	51	82	22	11	115
Total Stocks, All Oils	16,128	2,595	18,723	39,006	9,925	13,600	62,531

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,966	26,632	15,181	1,109	232	45,120	2,676	22,790	89,999
Petroleum Products	11,648	62,561	41,374	4,016	1,054	120,653	10,806	46,199	239,499
Hydrocarbon Gas Liquids	3,488	1,898	1,141	15	69	6,611	507	1,455	13,503
Natural Gas Liquids	2,711	1,574	995	14	69	5,363	415	1,430	11,363
Ethane	17	2	—	—	—	19	—	—	19
Propane	346	212	72	3	3	636	35	86	2,163
Normal Butane	1,968	1,079	444	7	54	3,552	253	987	6,737
Isobutane	380	240	325	4	12	961	111	355	1,960
Natural Gasoline	—	41	154	—	—	195	16	2	484
Refinery Olefins	777	324	146	1	0	1,248	92	25	2,140
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	775	46	80	1	0	902	3	16	1,526
Normal Butylene	2	278	65	0	0	345	89	9	575
Isobutylene	0	0	1	0	0	1	0	0	39
Biofuels/Other Hydrocarbons	50	961	121	17	3	1,152	102	833	2,490
Biofuels (including Fuel Ethanol)	50	961	121	17	3	1,152	102	833	2,467
Fuel Ethanol	36	922	74	14	2	1,048	94	118	1,608
Biodiesel	14	39	47	3	1	104	8	9	153
Renewable Diesel Fuel	—	—	—	—	—	—	—	706	706
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	23
Unfinished Oils	2,998	23,532	14,289	1,142	451	42,412	3,005	18,464	81,539
Naphthas and Lighter	1,158	6,866	1,869	234	123	10,250	591	2,911	17,817
Kerosene and Light Gas Oils	611	4,605	1,571	253	135	7,175	615	3,443	14,450
Heavy Gas Oils	559	8,566	8,213	581	193	18,112	1,430	8,138	35,284
Residuum	670	3,495	2,636	74	—	6,875	369	3,972	13,988
Motor Gasoline Blending Components (MGBC)	2,909	12,846	10,565	351	310	26,981	3,290	11,862	58,962
Reformulated - RBOB	131	781	214	—	30	1,156	—	4,625	7,975
Conventional	2,778	12,065	10,351	351	280	25,825	3,290	7,237	50,987
COB	1,526	4,124	5,632	272	40	11,594	1,656	2,054	22,026
GTAB	—	—	—	—	—	—	—	—	—
Other	1,252	7,941	4,719	79	240	14,231	1,634	5,183	28,961
Aviation Gasoline Blending Components	21	—	8	—	—	29	—	—	29
Finished Motor Gasoline	81	2,010	1,346	52	—	3,489	782	726	5,860
Reformulated	—	—	—	—	—	—	—	17	17
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	17	17
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	81	2,010	1,346	52	—	3,489	782	709	5,843
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	39	—	39
Ed55 and Lower	—	—	—	—	—	—	39	—	39
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	81	2,010	1,346	52	—	3,489	743	709	5,804
Finished Aviation Gasoline	24	112	140	—	—	276	6	101	396
Kerosene-Type Jet Fuel	391	3,778	2,258	76	—	6,503	355	3,347	12,775
Kerosene	26	108	1	2	—	137	2	1	393
Distillate Fuel Oil	863	7,755	5,647	426	82	14,773	1,666	4,763	29,439
15 ppm sulfur and under	843	6,797	4,603	302	82	12,627	1,519	4,041	25,623
Greater than 15 ppm to 500 ppm sulfur	20	126	412	15	—	573	65	199	1,143
Greater than 500 ppm sulfur	—	832	632	109	—	1,573	82	523	2,673
Residual Fuel Oil	208	2,215	1,068	10	34	3,535	205	2,111	7,324
Less than 0.31 percent sulfur	14	—	24	—	—	38	20	29	341
0.31 to 1.00 percent sulfur	45	510	282	10	—	847	4	197	1,413
Greater than 1.00 percent sulfur	149	1,705	762	—	34	2,650	181	1,885	5,570
Petrochemical Feedstocks	45	1,556	641	3	23	2,268	—	—	2,805
Naphtha for Petro. Feed. Use	39	942	602	3	—	1,586	—	—	2,003
Other Oils for Petro. Feed. Use	6	614	39	—	23	682	—	—	802
Special Naphthas	51	620	—	173	—	844	—	23	962
Lubricants	40	2,107	2,106	819	—	5,072	—	645	6,699
Waxes	—	94	89	62	—	245	—	—	573
Petroleum Coke	22	2,570	1,298	—	—	3,890	120	1,254	7,336
Marketable	22	2,570	1,298	—	—	3,890	120	1,254	7,336
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	315	113	578	868	81	1,955	745	565	7,697
Miscellaneous Products	116	286	78	—	1	481	21	49	717
Total Stocks, All Oils	13,614	89,193	56,555	5,125	1,286	165,773	13,482	68,989	329,498

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,032	769	5,801	8,808	2,488	1,734	13,030
Petroleum Products	10,189	2,075	12,264	29,717	7,295	11,418	48,430
Hydrocarbon Gas Liquids	667	24	691	2,228	404	1,253	3,885
Natural Gas Liquids	520	24	544	1,872	366	1,238	3,476
Ethane	—	—	—	—	—	—	—
Propane	105	3	108	503	40	568	1,111
Normal Butane	350	7	357	963	272	147	1,382
Isobutane	65	14	79	269	54	261	584
Natural Gasoline	—	—	—	137	—	262	399
Refinery Olefins	147	0	147	356	38	15	409
Ethylene	—	—	—	—	—	—	—
Propylene	138	0	138	325	38	7	370
Normal Butylene	0	0	0	31	0	8	39
Isobutylene	9	0	9	0	0	0	0
Biofuels/Other Hydrocarbons	88	90	178	50	65	26	141
Biofuels (including Fuel Ethanol)	88	90	178	37	65	26	128
Fuel Ethanol	88	82	170	33	51	22	106
Biodiesel	—	8	8	4	14	4	22
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	13	—	—	13
Unfinished Oils	3,168	362	3,530	7,298	1,407	3,675	12,380
Naphthas and Lighter	850	221	1,071	1,711	330	855	2,896
Kerosene and Light Gas Oils	396	—	396	1,788	636	432	2,856
Heavy Gas Oils	1,546	138	1,684	2,878	441	1,551	4,870
Residuum	376	3	379	921	—	837	1,758
Motor Gasoline Blending Components (MGBC)	2,876	299	3,175	8,614	2,153	3,340	14,107
Reformulated - RBOB	1,045	—	1,045	813	—	—	813
Conventional	1,831	299	2,130	7,801	2,153	3,340	13,294
CBOB	48	254	302	3,088	1,390	2,438	6,916
GTAB	—	—	—	—	—	—	—
Other	1,783	45	1,828	4,713	763	902	6,378
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	34	34	362	106	265	733
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	34	34	362	106	265	733
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	34	34	362	106	265	733
Finished Aviation Gasoline	—	—	—	—	10	—	10
Kerosene-Type Jet Fuel	414	—	414	1,548	280	324	2,152
Kerosene	61	7	68	147	—	35	182
Distillate Fuel Oil	1,356	313	1,669	4,271	1,256	1,810	7,337
15 ppm sulfur and under	1,061	215	1,276	4,116	1,192	1,714	7,022
Greater than 15 ppm to 500 ppm sulfur	119	89	208	—	—	51	51
Greater than 500 ppm sulfur	176	9	185	155	64	45	264
Residual Fuel Oil	703	17	720	642	164	84	890
Less than 0.31 percent sulfur	168	15	183	110	—	—	110
0.31 to 1.00 percent sulfur	262	2	264	97	77	27	201
Greater than 1.00 percent sulfur	273	—	273	435	87	57	579
Petrochemical Feedstocks	—	7	7	577	—	—	577
Naphtha for Petro. Feed. Use	—	—	—	452	—	—	452
Other Oils for Petro. Feed. Use	—	7	7	125	—	—	125
Special Naphthas	—	27	27	80	—	18	98
Lubricants	676	238	914	—	—	211	211
Waxes	—	307	307	—	—	65	65
Petroleum Coke	—	—	—	1,647	275	56	1,978
Marketable	—	—	—	1,647	275	56	1,978
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	165	305	470	2,167	1,141	248	3,556
Miscellaneous Products	15	45	60	86	34	8	128
Total Stocks, All Oils	15,221	2,844	18,065	38,525	9,783	13,152	61,460

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,912	24,374	16,983	1,153	231	44,653	2,535	20,512	86,531
Petroleum Products	11,735	60,411	40,496	4,217	1,101	117,960	11,358	46,831	236,843
Hydrocarbon Gas Liquids	2,955	1,792	974	15	40	5,776	505	1,490	12,347
Natural Gas Liquids	2,683	1,502	848	14	40	5,087	403	1,468	10,978
Ethane	15	2	—	—	—	17	—	—	17
Propane	779	302	63	3	4	1,151	38	127	2,535
Normal Butane	1,561	929	403	7	29	2,929	238	927	5,833
Isobutane	328	233	243	4	7	815	118	411	2,007
Natural Gasoline	—	36	139	—	—	175	9	3	586
Refinery Olefins	272	290	126	1	0	689	102	22	1,369
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	269	47	65	1	0	382	1	18	909
Normal Butylene	3	242	60	0	0	305	101	4	449
Isobutylene	0	1	1	0	0	2	0	0	11
Biofuels/Other Hydrocarbons	47	1,015	131	15	3	1,211	101	1,146	2,777
Biofuels (including Fuel Ethanol)	47	1,015	131	15	3	1,211	101	1,146	2,764
Fuel Ethanol	33	977	97	13	2	1,122	93	223	1,714
Biodiesel	14	38	34	2	1	89	8	9	136
Renewable Diesel Fuel	—	—	—	—	—	—	—	914	914
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	13
Unfinished Oils	2,856	23,715	13,818	1,155	512	42,056	3,042	18,269	79,277
Naphthas and Lighter	955	6,082	1,764	259	118	9,178	646	2,675	16,466
Kerosene and Light Gas Oils	673	4,749	1,566	265	149	7,402	640	3,204	14,498
Heavy Gas Oils	587	8,620	7,861	548	245	17,861	1,343	8,678	34,436
Residuum	641	4,264	2,627	83	—	7,615	413	3,712	13,877
Motor Gasoline Blending Components (MGBC)	3,058	12,847	10,945	326	285	27,461	3,316	12,793	60,852
Reformulated - RBOB	172	1,247	281	—	16	1,716	—	4,840	8,414
Conventional	2,886	11,600	10,664	326	269	25,745	3,316	7,953	52,438
CBOB	1,583	3,945	5,971	258	68	11,825	1,709	2,185	22,937
GTAB	—	—	—	—	—	—	—	—	—
Other	1,303	7,655	4,693	68	201	13,920	1,607	5,768	29,501
Aviation Gasoline Blending Components	24	—	6	—	—	30	—	—	30
Finished Motor Gasoline	134	2,147	1,010	34	—	3,325	911	714	5,717
Reformulated	—	—	—	—	—	—	—	17	17
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	17	17
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	134	2,147	1,010	34	—	3,325	911	697	5,700
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	56	—	56
Ed55 and Lower	—	—	—	—	—	—	56	—	56
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	134	2,147	1,010	34	—	3,325	855	697	5,644
Finished Aviation Gasoline	33	223	150	—	—	406	7	173	596
Kerosene-Type Jet Fuel	394	3,021	2,500	93	—	6,008	453	2,952	11,979
Kerosene	29	130	1	5	—	165	2	3	420
Distillate Fuel Oil	1,292	7,293	5,217	513	106	14,421	2,003	5,116	30,546
15 ppm sulfur and under	1,272	6,356	4,068	354	106	12,156	1,805	4,385	26,644
Greater than 15 ppm to 500 ppm sulfur	19	135	431	34	—	619	94	265	1,237
Greater than 500 ppm sulfur	1	802	718	125	—	1,646	104	466	2,665
Residual Fuel Oil	220	2,061	831	9	67	3,188	203	1,690	6,691
Less than 0.31 percent sulfur	18	—	22	—	—	40	24	20	377
0.31 to 1.00 percent sulfur	41	520	222	9	—	792	4	378	1,639
Greater than 1.00 percent sulfur	161	1,541	587	—	67	2,356	175	1,292	4,675
Petrochemical Feedstocks	75	1,481	452	3	22	2,033	—	—	2,617
Naphtha for Petro. Feed. Use	68	909	411	3	—	1,391	—	—	1,843
Other Oils for Petro. Feed. Use	7	572	41	—	22	642	—	—	774
Special Naphthas	88	581	—	212	—	881	—	15	1,021
Lubricants	44	2,201	2,399	932	—	5,576	—	662	7,363
Waxes	—	115	95	74	—	284	—	—	656
Petroleum Coke	47	1,378	1,300	—	—	2,725	132	1,087	5,922
Marketable	47	1,378	1,300	—	—	2,725	132	1,087	5,922
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	366	148	563	830	65	1,972	663	659	7,320
Miscellaneous Products	73	263	104	1	1	442	20	62	712
Total Stocks, All Oils	13,647	84,785	57,479	5,370	1,332	162,613	13,893	67,343	323,374

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."