

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2022**  
(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
Hydrocarbon Gas Liquids .....	195	2	197	1,260	-234	265	1,291
Natural Gas Liquids .....	-216	2	-214	362	-380	-100	-118
Ethane .....	-	-	-	-	-	-	-
Propane .....	347	25	372	1,671	266	465	2,402
Normal Butane .....	-551	-9	-560	-1,165	-636	-539	-2,340
Isobutane .....	-12	-14	-26	-144	-10	-26	-180
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	411	-	411	898	146	365	1,409
Ethylene .....	11	-	11	-	-	-	-
Propylene .....	350	-	350	955	146	365	1,466
Butylene .....	2	-	2	-57	-	-	-57
Isobutylene .....	48	-	48	-	-	-	-
Finished Motor Gasoline .....	572	1,119	1,691	4,557	1,896	2,889	9,342
Reformulated .....	572	-	572	-	-	1	1
Reformulated Blended with Fuel Ethanol .....	572	-	572	-	-	1	1
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,119	1,119	4,557	1,896	2,888	9,341
Conventional Blended with Fuel Ethanol .....	-	1,137	1,137	1,632	1,577	1,347	4,556
Ed55 and Lower .....	-	1,137	1,137	1,632	1,577	1,347	4,556
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-18	-18	2,925	319	1,541	4,785
Finished Aviation Gasoline .....	-	-	-	-	1	-	1
Kerosene-Type Jet Fuel .....	2,260	-	2,260	6,314	765	967	8,046
Kerosene .....	36	5	41	327	-	119	446
Distillate Fuel Oil .....	4,972	800	5,772	19,917	5,492	10,811	36,220
15 ppm sulfur and under .....	5,163	760	5,923	19,996	5,435	10,720	36,151
Greater than 15 ppm to 500 ppm sulfur .....	4	-14	-10	-	-	24	24
Greater than 500 ppm sulfur .....	-195	54	-141	-79	57	67	45
Residual Fuel Oil .....	1,533	3	1,536	855	155	142	1,152
Less than 0.31 percent sulfur .....	-	3	3	88	-	-	88
0.31 to 1.00 percent sulfur .....	1,037	-	1,037	323	92	24	439
Greater than 1.00 percent sulfur .....	496	-	496	444	63	118	625
Petrochemical Feedstocks .....	-	-	-	951	-	34	985
Naphtha for Petro. Feed. Use .....	-	-	-	582	-	-	582
Other Oils for Petro. Feed. Use .....	-	-	-	369	-	34	403
Special Naphthas .....	-	2	2	-47	-	11	-36
Lubricants .....	206	198	404	-	-	217	217
Waxes .....	-	-9	-9	-	-	42	42
Petroleum Coke .....	633	19	652	4,334	937	984	6,255
Marketable .....	207	-	207	3,234	768	727	4,729
Catalyst .....	426	19	445	1,100	169	257	1,526
Asphalt and Road Oil .....	273	674	947	3,868	1,342	322	5,532
Still Gas .....	813	48	861	2,642	634	1,163	4,439
Miscellaneous Products .....	48	45	93	318	119	58	495
<b>Total .....</b>	<b>11,541</b>	<b>2,906</b>	<b>14,447</b>	<b>45,296</b>	<b>11,107</b>	<b>18,024</b>	<b>74,427</b>
Processing Gain(-) or Loss(+) .....	-1,239	2	-1,237	-5,038	-1,288	-1,642	-7,968

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2022**  
(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			
Hydrocarbon Gas Liquids .....	513	5,586	3,974	-62	-3	10,008	151	191	11,838
Natural Gas Liquids .....	109	1,869	1,924	-82	-3	3,817	31	-65	3,451
Ethane .....	8	209	61	-	-	278	-	-	278
Propane .....	280	2,388	1,828	18	20	4,534	238	859	8,405
Normal Butane .....	-196	-448	-121	-100	-23	-888	-235	-1,027	-5,050
Isobutane .....	17	-280	156	-	-	-107	28	103	-182
Natural Gasoline .....	-	-	-	-	-	-	-	-	-
Refinery Olefins .....	404	3,717	2,050	20	-	6,191	120	256	8,387
Ethylene .....	-	10	-	-	-	10	-	-	21
Propylene .....	394	3,723	2,406	20	-	6,543	51	225	8,635
Butylene .....	10	5	-356	-	-	-341	69	31	-296
Isobutylene .....	-	-21	-	-	-	-21	-	-	27
Finished Motor Gasoline .....	2,474	12,892	10,162	469	57	26,054	4,616	2,197	43,900
Reformulated .....	-	-	-	-	-	-	-	554	1,127
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	554	1,127
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,474	12,892	10,162	469	57	26,054	4,616	1,643	42,773
Conventional Blended with Fuel Ethanol .....	1,912	423	1,825	379	57	4,596	2,520	511	13,320
Ed55 and Lower .....	1,912	423	1,825	379	57	4,596	2,520	511	13,320
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	562	12,469	8,337	90	-	21,458	2,096	1,132	29,453
Finished Aviation Gasoline .....	84	65	109	-	-	258	4	4	267
Kerosene-Type Jet Fuel .....	1,318	12,133	9,868	111	-	23,430	928	12,377	47,041
Kerosene .....	-18	-	0	39	-	21	2	-1	509
Distillate Fuel Oil .....	5,900	40,031	33,056	2,636	703	82,326	6,262	12,979	143,559
15 ppm sulfur and under .....	5,861	38,434	29,182	2,582	703	76,762	6,238	12,123	137,197
Greater than 15 ppm to 500 ppm sulfur .....	39	161	1,224	58	-	1,482	47	422	1,965
Greater than 500 ppm sulfur .....	-	1,436	2,650	-4	-	4,082	-23	434	4,397
Residual Fuel Oil .....	276	695	1,310	-33	48	2,296	325	3,280	8,589
Less than 0.31 percent sulfur .....	239	-	663	-	-	902	180	33	1,206
0.31 to 1.00 percent sulfur .....	3	359	584	-33	-	913	48	918	3,355
Greater than 1.00 percent sulfur .....	34	336	63	-	48	481	97	2,329	4,028
Petrochemical Feedstocks .....	145	4,037	2,163	-	-	6,345	-	-	7,330
Naphtha for Petro. Feed. Use .....	140	2,497	1,380	-	-	4,017	-	-	4,599
Other Oils for Petro. Feed. Use .....	5	1,540	783	-	-	2,328	-	-	2,731
Special Naphthas .....	72	1,117	-	197	-	1,386	-	47	1,399
Lubricants .....	7	1,466	1,043	804	-	3,320	-	660	4,601
Waxes .....	-	54	49	26	-	129	-	-	162
Petroleum Coke .....	436	7,320	4,963	125	18	12,862	689	3,321	23,779
Marketable .....	200	5,609	4,034	111	-	9,954	468	2,519	17,877
Catalyst .....	236	1,711	929	14	18	2,908	221	802	5,902
Asphalt and Road Oil .....	224	123	588	1,164	74	2,173	1,110	592	10,354
Still Gas .....	750	5,687	3,421	294	53	10,205	685	3,046	19,236
Miscellaneous Products .....	133	1,128	431	15	37	1,744	144	387	2,863
<b>Total .....</b>	<b>12,314</b>	<b>92,334</b>	<b>71,137</b>	<b>5,785</b>	<b>987</b>	<b>182,557</b>	<b>14,916</b>	<b>39,080</b>	<b>325,427</b>
Processing Gain(-) or Loss(+) .....	-787	-9,198	-5,721	-304	-46	-16,056	-928	-4,453	-30,642

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2022**  
(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
Hydrocarbon Gas Liquids .....	174	11	185	1,394	-134	503	1,763
Natural Gas Liquids .....	-108	11	-97	518	-249	227	496
Ethane .....	-	-	-	-	-	-	-
Propane .....	307	24	331	1,430	246	426	2,102
Normal Butane .....	-384	-3	-387	-777	-456	-231	-1,464
Isobutane .....	-31	-10	-41	-135	-39	32	-142
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	282	-	282	876	115	276	1,267
Ethylene .....	12	-	12	-	-	-	-
Propylene .....	261	-	261	869	115	276	1,260
Butylene .....	-3	-	-3	7	-	-	7
Isobutylene .....	12	-	12	-	-	-	-
Finished Motor Gasoline .....	605	1,000	1,605	4,167	1,804	2,424	8,395
Reformulated .....	605	-	605	-	-	1	1
Reformulated Blended with Fuel Ethanol .....	605	-	605	-	-	1	1
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,000	1,000	4,167	1,804	2,423	8,394
Conventional Blended with Fuel Ethanol .....	-	1,014	1,014	1,611	1,513	1,208	4,332
Ed55 and Lower .....	-	1,014	1,014	1,611	1,513	1,208	4,332
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-14	-14	2,556	291	1,215	4,062
Finished Aviation Gasoline .....	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel .....	2,118	-	2,118	5,934	704	879	7,517
Kerosene .....	-23	3	-20	113	-	50	163
Distillate Fuel Oil .....	4,630	669	5,299	18,586	4,704	9,512	32,802
15 ppm sulfur and under .....	4,815	669	5,484	18,579	4,747	9,583	32,909
Greater than 15 ppm to 500 ppm sulfur .....	-20	-20	-40	-	-	-35	-35
Greater than 500 ppm sulfur .....	-165	20	-145	7	-43	-36	-72
Residual Fuel Oil .....	1,017	1	1,018	730	295	132	1,157
Less than 0.31 percent sulfur .....	-	1	1	86	-	-	86
0.31 to 1.00 percent sulfur .....	781	-	781	206	81	22	309
Greater than 1.00 percent sulfur .....	236	-	236	438	214	110	762
Petrochemical Feedstocks .....	-	-	-	968	-	27	995
Naphtha for Petro. Feed. Use .....	-	-	-	612	-	-	612
Other Oils for Petro. Feed. Use .....	-	-	-	356	-	27	383
Special Naphthas .....	-	9	9	-22	-	18	-4
Lubricants .....	179	158	337	-	-	208	208
Waxes .....	-	-7	-7	-	-	36	36
Petroleum Coke .....	549	16	565	4,022	608	868	5,498
Marketable .....	208	-	208	3,066	458	641	4,165
Catalyst .....	341	16	357	956	150	227	1,333
Asphalt and Road Oil .....	292	577	869	3,089	1,031	335	4,455
Still Gas .....	705	41	746	2,368	568	1,066	4,002
Miscellaneous Products .....	46	44	90	357	108	54	519
<b>Total .....</b>	<b>10,292</b>	<b>2,522</b>	<b>12,814</b>	<b>41,706</b>	<b>9,718</b>	<b>16,112</b>	<b>67,536</b>
Processing Gain(-) or Loss(+) .....	-874	42	-832	-4,062	-871	-1,252	-6,185

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2022**  
(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			
Hydrocarbon Gas Liquids .....	515	4,915	4,383	-14	-7	9,792	305	670	12,715
Natural Gas Liquids .....	174	1,424	2,231	-26	-7	3,796	114	521	4,830
Ethane .....	6	131	44	-	-	181	-	-	181
Propane .....	217	1,950	1,902	14	30	4,113	203	856	7,605
Normal Butane .....	-36	-371	135	-40	-37	-349	-107	-479	-2,786
Isobutane .....	-13	-286	150	-	-	-149	18	144	-170
Natural Gasoline .....	-	-	-	-	-	-	-	-	-
Refinery Olefins .....	341	3,491	2,152	12	-	5,996	191	149	7,885
Ethylene .....	-	8	-	-	-	8	-	-	20
Propylene .....	363	3,398	2,196	12	-	5,969	46	181	7,717
Butylene .....	-22	106	-44	-	-	40	145	-32	157
Isobutylene .....	-	-21	-	-	-	-21	-	-	-9
Finished Motor Gasoline .....	2,156	11,125	7,870	458	55	21,664	4,173	2,751	38,588
Reformulated .....	-	-	-	-	-	-	-	546	1,152
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	546	1,152
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,156	11,125	7,870	458	55	21,664	4,173	2,205	37,436
Conventional Blended with Fuel Ethanol .....	1,756	407	1,774	382	55	4,374	2,430	524	12,674
Ed55 and Lower .....	1,756	407	1,774	382	55	4,374	2,430	524	12,674
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	400	10,718	6,096	76	-	17,290	1,743	1,681	24,762
Finished Aviation Gasoline .....	65	80	2	-	-	147	4	52	233
Kerosene-Type Jet Fuel .....	1,296	10,724	9,075	176	-	21,271	833	10,322	42,061
Kerosene .....	9	-	0	22	-	31	-	2	176
Distillate Fuel Oil .....	5,322	37,946	27,488	2,351	952	74,059	5,680	12,204	130,044
15 ppm sulfur and under .....	5,365	36,675	23,780	2,283	952	69,055	5,618	11,550	124,616
Greater than 15 ppm to 500 ppm sulfur .....	-43	222	715	116	-	1,010	42	286	1,263
Greater than 500 ppm sulfur .....	-	1,049	2,993	-48	-	3,994	20	368	4,165
Residual Fuel Oil .....	273	688	727	-17	32	1,703	332	2,207	6,417
Less than 0.31 percent sulfur .....	232	-	638	-	-	870	165	-	1,122
0.31 to 1.00 percent sulfur .....	2	348	404	-17	-	737	39	298	2,164
Greater than 1.00 percent sulfur .....	39	340	-315	-	32	96	128	1,909	3,131
Petrochemical Feedstocks .....	127	2,370	1,874	-	-	4,371	-	-	5,366
Naphtha for Petro. Feed. Use .....	120	1,803	1,261	-	-	3,184	-	-	3,796
Other Oils for Petro. Feed. Use .....	7	567	613	-	-	1,187	-	-	1,570
Special Naphthas .....	61	618	-	148	-	827	-	27	859
Lubricants .....	23	1,615	1,129	831	-	3,598	-	479	4,622
Waxes .....	-	53	62	21	-	136	-	-	165
Petroleum Coke .....	402	6,445	4,630	122	21	11,620	681	3,436	21,800
Marketable .....	175	4,885	3,677	110	-	8,847	464	2,648	16,332
Catalyst .....	227	1,560	953	12	21	2,773	217	788	5,468
Asphalt and Road Oil .....	168	240	459	1,080	26	1,973	789	354	8,440
Still Gas .....	712	4,962	3,144	238	65	9,121	632	3,032	17,533
Miscellaneous Products .....	134	818	367	16	41	1,376	127	358	2,470
<b>Total .....</b>	<b>11,263</b>	<b>82,599</b>	<b>61,210</b>	<b>5,432</b>	<b>1,185</b>	<b>161,689</b>	<b>13,556</b>	<b>35,894</b>	<b>291,489</b>
Processing Gain(-) or Loss(+) .....	-779	-7,180	-5,483	-175	65	-13,552	-745	-4,561	-25,875

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2022**  
(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
Hydrocarbon Gas Liquids .....	439	42	481	2,360	115	794	3,269
Natural Gas Liquids .....	-24	42	18	1,458	-5	533	1,986
Ethane .....	-	-	-	-	-	-	-
Propane .....	364	10	374	1,583	286	457	2,326
Normal Butane .....	-289	34	-255	101	-227	85	-41
Isobutane .....	-99	-2	-101	-226	-64	-9	-299
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	463	-	463	902	120	261	1,283
Ethylene .....	13	-	13	-	-	-	-
Propylene .....	385	-	385	899	120	261	1,280
Butylene .....	1	-	1	3	-	-	3
Isobutylene .....	64	-	64	-	-	-	-
Finished Motor Gasoline .....	694	612	1,306	4,830	2,003	2,547	9,380
Reformulated .....	694	-	694	-	-	1	1
Reformulated Blended with Fuel Ethanol .....	694	-	694	-	-	1	1
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	612	612	4,830	2,003	2,546	9,379
Conventional Blended with Fuel Ethanol .....	-	612	612	1,741	1,604	1,553	4,898
Ed55 and Lower .....	-	612	612	1,741	1,604	1,553	4,898
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-	-	3,089	399	993	4,481
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	2,217	-	2,217	5,278	806	893	6,977
Kerosene .....	63	-	63	24	-	4	28
Distillate Fuel Oil .....	5,121	469	5,590	19,684	5,264	10,178	35,126
15 ppm sulfur and under .....	5,336	465	5,801	19,668	5,243	10,050	34,961
Greater than 15 ppm to 500 ppm sulfur .....	50	-	50	-	-	74	74
Greater than 500 ppm sulfur .....	-265	4	-261	16	21	54	91
Residual Fuel Oil .....	1,316	1	1,317	767	86	146	999
Less than 0.31 percent sulfur .....	-	-	-	45	-	-	45
0.31 to 1.00 percent sulfur .....	950	1	951	433	80	36	549
Greater than 1.00 percent sulfur .....	366	-	366	289	6	110	405
Petrochemical Feedstocks .....	-	-	-	858	-	26	884
Naphtha for Petro. Feed. Use .....	-	-	-	476	-	-	476
Other Oils for Petro. Feed. Use .....	-	-	-	382	-	26	408
Special Naphthas .....	-	12	12	-68	-	2	-66
Lubricants .....	167	168	335	-	-	175	175
Waxes .....	-	-13	-13	-	-	32	32
Petroleum Coke .....	698	6	704	3,727	981	940	5,648
Marketable .....	288	-	288	2,669	818	710	4,197
Catalyst .....	410	6	416	1,058	163	230	1,451
Asphalt and Road Oil .....	275	250	525	3,624	1,364	385	5,373
Still Gas .....	818	32	850	2,582	621	1,130	4,333
Miscellaneous Products .....	49	46	95	338	125	55	518
<b>Total .....</b>	<b>11,857</b>	<b>1,625</b>	<b>13,482</b>	<b>44,004</b>	<b>11,365</b>	<b>17,307</b>	<b>72,676</b>
Processing Gain(-) or Loss(+) .....	-1,208	60	-1,148	-4,112	-1,281	-1,370	-6,763

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2022**  
(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			
Hydrocarbon Gas Liquids .....	684	7,922	4,960	70	37	13,673	375	1,773	19,571
Natural Gas Liquids .....	344	4,018	2,844	60	37	7,303	228	1,597	11,132
Ethane .....	4	106	39	—	—	149	—	—	149
Propane .....	243	2,422	1,880	16	32	4,593	229	988	8,510
Normal Butane .....	133	1,800	767	44	5	2,749	6	548	3,007
Isobutane .....	-36	-310	158	—	—	-188	-7	61	-534
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	340	3,904	2,116	10	—	6,370	147	176	8,439
Ethylene .....	—	11	—	—	—	11	—	—	24
Propylene .....	353	3,895	2,644	10	—	6,902	46	192	8,805
Butylene .....	-13	23	-528	—	—	-518	101	-16	-429
Isobutylene .....	—	-25	—	—	—	-25	—	—	39
Finished Motor Gasoline .....	2,734	11,708	9,292	506	160	24,400	4,342	2,012	41,440
Reformulated .....	—	—	—	—	—	—	—	644	1,339
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	644	1,339
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	2,734	11,708	9,292	506	160	24,400	4,342	1,368	40,101
Conventional Blended with Fuel Ethanol .....	2,197	475	2,001	420	59	5,152	2,497	598	13,757
Ed55 and Lower .....	2,197	475	2,001	420	59	5,152	2,497	598	13,757
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	537	11,233	7,291	86	101	19,248	1,845	770	26,344
Finished Aviation Gasoline .....	96	104	141	—	—	341	4	1	346
Kerosene-Type Jet Fuel .....	1,460	12,064	9,659	187	—	23,370	928	10,979	44,471
Kerosene .....	-10	20	0	5	—	15	—	0	106
Distillate Fuel Oil .....	5,774	49,000	32,739	2,719	1,099	91,331	6,033	15,774	153,854
15 ppm sulfur and under .....	5,750	47,571	28,030	2,681	1,099	85,131	5,929	14,819	146,641
Greater than 15 ppm to 500 ppm sulfur .....	24	220	2,777	49	—	3,070	115	388	3,697
Greater than 500 ppm sulfur .....	—	1,209	1,932	-11	—	3,130	-11	567	3,516
Residual Fuel Oil .....	308	1,908	1,011	-9	54	3,272	351	3,408	9,347
Less than 0.31 percent sulfur .....	246	—	654	—	—	900	183	25	1,153
0.31 to 1.00 percent sulfur .....	3	814	456	-9	—	1,264	23	713	3,500
Greater than 1.00 percent sulfur .....	59	1,094	-99	—	54	1,108	145	2,670	4,694
Petrochemical Feedstocks .....	142	4,143	1,734	—	—	6,019	—	—	6,903
Naphtha for Petro. Feed. Use .....	132	2,594	949	—	—	3,675	—	—	4,151
Other Oils for Petro. Feed. Use .....	10	1,549	785	—	—	2,344	—	—	2,752
Special Naphthas .....	65	805	—	221	—	1,091	—	74	1,111
Lubricants .....	-1	1,753	1,775	764	—	4,291	—	333	5,134
Waxes .....	—	58	79	25	—	162	—	—	181
Petroleum Coke .....	419	7,983	4,832	166	22	13,422	734	3,912	24,420
Marketable .....	188	6,134	3,813	151	—	10,286	498	2,985	18,254
Catalyst .....	231	1,849	1,019	15	22	3,136	236	927	6,166
Asphalt and Road Oil .....	204	288	956	1,129	48	2,625	978	754	10,255
Still Gas .....	709	6,046	3,362	265	71	10,453	616	3,613	19,865
Miscellaneous Products .....	145	942	416	17	44	1,564	133	401	2,711
<b>Total .....</b>	<b>12,729</b>	<b>104,744</b>	<b>70,956</b>	<b>6,065</b>	<b>1,535</b>	<b>196,029</b>	<b>14,494</b>	<b>43,034</b>	<b>339,715</b>
Processing Gain(-) or Loss(+) .....	-896	-9,872	-6,009	-152	-59	-16,988	-824	-5,402	-31,125

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2022**  
(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
Hydrocarbon Gas Liquids .....	739	15	754	3,898	407	957	5,262
Natural Gas Liquids .....	324	15	339	2,903	289	681	3,873
Ethane .....	-	-	-	-	-	-	-
Propane .....	373	4	377	1,571	265	509	2,345
Normal Butane .....	134	15	149	1,529	79	221	1,829
Isobutane .....	-183	-4	-187	-197	-55	-49	-301
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	415	-	415	995	118	276	1,389
Ethylene .....	21	-	21	-	-	-	-
Propylene .....	355	-	355	842	125	276	1,243
Butylene .....	2	-	2	153	-7	-	146
Isobutylene .....	37	-	37	-	-	-	-
Finished Motor Gasoline .....	769	519	1,288	4,538	1,959	2,741	9,238
Reformulated .....	769	-	769	-	-	1	1
Reformulated Blended with Fuel Ethanol .....	769	-	769	-	-	1	1
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	519	519	4,538	1,959	2,740	9,237
Conventional Blended with Fuel Ethanol .....	-	519	519	1,634	1,607	1,491	4,732
Ed55 and Lower .....	-	519	519	1,634	1,607	1,491	4,732
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-	-	2,904	352	1,249	4,505
Finished Aviation Gasoline .....	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel .....	3,090	-	3,090	5,888	793	1,101	7,782
Kerosene .....	43	-	43	2	-	-	2
Distillate Fuel Oil .....	4,906	339	5,245	18,204	4,662	9,806	32,672
15 ppm sulfur and under .....	4,985	344	5,329	18,259	4,744	9,906	32,909
Greater than 15 ppm to 500 ppm sulfur .....	12	-15	-3	-	-	-20	-20
Greater than 500 ppm sulfur .....	-91	10	-81	-55	-82	-80	-217
Residual Fuel Oil .....	1,260	-	1,260	801	137	149	1,087
Less than 0.31 percent sulfur .....	-	-	-	83	-	-	83
0.31 to 1.00 percent sulfur .....	983	-	983	325	79	35	439
Greater than 1.00 percent sulfur .....	277	-	277	393	58	114	565
Petrochemical Feedstocks .....	-	-	-	777	-	20	797
Naphtha for Petro. Feed. Use .....	-	-	-	447	-	-	447
Other Oils for Petro. Feed. Use .....	-	-	-	330	-	20	350
Special Naphthas .....	-	10	10	-46	-	17	-29
Lubricants .....	161	175	336	-	-	107	107
Waxes .....	-	-13	-13	-	-	24	24
Petroleum Coke .....	626	4	630	3,400	828	927	5,155
Marketable .....	234	-	234	2,419	675	685	3,779
Catalyst .....	392	4	396	981	153	242	1,376
Asphalt and Road Oil .....	354	161	515	3,164	1,175	279	4,618
Still Gas .....	783	17	800	2,554	588	1,059	4,201
Miscellaneous Products .....	40	21	61	294	105	53	452
<b>Total .....</b>	<b>12,771</b>	<b>1,248</b>	<b>14,019</b>	<b>43,474</b>	<b>10,684</b>	<b>17,240</b>	<b>71,398</b>
Processing Gain(-) or Loss(+) .....	-1,116	44	-1,072	-4,234	-1,095	-1,229	-6,558

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2022**  
(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			
Hydrocarbon Gas Liquids .....	853	9,260	5,711	74	47	15,945	408	1,933	24,302
Natural Gas Liquids .....	510	5,364	3,118	62	47	9,101	287	1,830	15,430
Ethane .....	7	123	33	—	—	163	—	—	163
Propane .....	296	2,516	2,118	19	25	4,974	189	1,066	8,951
Normal Butane .....	214	3,035	859	43	22	4,173	96	747	6,994
Isobutane .....	-7	-310	108	—	—	-209	2	17	-678
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	343	3,896	2,593	12	—	6,844	121	103	8,872
Ethylene .....	—	7	—	—	—	7	—	—	28
Propylene .....	347	3,827	2,601	12	—	6,787	39	112	8,536
Butylene .....	-4	89	-8	—	—	77	82	-9	298
Isobutylene .....	—	-27	—	—	—	-27	—	—	10
Finished Motor Gasoline .....	2,445	12,003	6,904	556	100	22,008	4,615	2,559	39,708
Reformulated .....	—	—	—	—	—	—	—	576	1,346
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	576	1,346
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	2,445	12,003	6,904	556	100	22,008	4,615	1,983	38,362
Conventional Blended with Fuel Ethanol .....	2,059	467	1,948	446	60	4,980	2,779	701	13,711
Ed55 and Lower .....	2,059	467	1,948	446	60	4,980	2,779	701	13,711
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	386	11,536	4,956	110	40	17,028	1,836	1,282	24,651
Finished Aviation Gasoline .....	67	125	81	—	—	273	3	-1	305
Kerosene-Type Jet Fuel .....	1,408	14,753	10,452	164	—	26,777	955	12,327	50,931
Kerosene .....	6	61	-2	2	—	67	—	2	114
Distillate Fuel Oil .....	6,047	44,634	32,636	2,673	914	86,904	5,539	13,454	143,814
15 ppm sulfur and under .....	6,032	43,236	28,339	2,547	914	81,068	5,430	12,549	137,285
Greater than 15 ppm to 500 ppm sulfur .....	15	268	2,381	98	—	2,762	93	377	3,209
Greater than 500 ppm sulfur .....	—	1,130	1,916	28	—	3,074	16	528	3,320
Residual Fuel Oil .....	267	1,106	539	1	46	1,959	306	2,327	6,939
Less than 0.31 percent sulfur .....	237	—	713	—	—	950	152	55	1,240
0.31 to 1.00 percent sulfur .....	-3	951	447	1	—	1,396	41	694	3,553
Greater than 1.00 percent sulfur .....	33	155	-621	—	46	-387	113	1,578	2,146
Petrochemical Feedstocks .....	140	4,448	1,951	—	—	6,539	—	—	7,336
Naphtha for Petro. Feed. Use .....	129	2,655	852	—	—	3,636	—	—	4,083
Other Oils for Petro. Feed. Use .....	11	1,793	1,099	—	—	2,903	—	—	3,253
Special Naphthas .....	44	716	—	210	—	970	—	31	982
Lubricants .....	24	1,597	1,870	806	—	4,297	—	150	4,890
Waxes .....	—	48	77	16	—	141	—	—	152
Petroleum Coke .....	342	8,373	5,257	157	19	14,148	553	3,929	24,415
Marketable .....	134	6,433	4,187	141	—	10,895	370	3,002	18,280
Catalyst .....	208	1,940	1,070	16	19	3,253	183	927	6,135
Asphalt and Road Oil .....	263	444	466	1,280	66	2,519	795	869	9,316
Still Gas .....	675	6,471	3,408	260	57	10,871	610	3,300	19,782
Miscellaneous Products .....	129	962	460	16	44	1,611	114	390	2,628
<b>Total .....</b>	<b>12,710</b>	<b>105,001</b>	<b>69,810</b>	<b>6,215</b>	<b>1,293</b>	<b>195,029</b>	<b>13,898</b>	<b>41,270</b>	<b>335,614</b>
Processing Gain(-) or Loss(+) .....	-824	-10,232	-6,774	-272	-69	-18,171	-878	-4,810	-31,489

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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



**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2022**  
(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
Hydrocarbon Gas Liquids .....	1,052	82	1,134	4,475	712	870	6,057
Natural Gas Liquids .....	675	82	757	3,505	587	622	4,714
Ethane .....	-	-	-	-	-	-	-
Propane .....	421	25	446	1,574	324	495	2,393
Normal Butane .....	279	66	345	2,124	312	156	2,592
Isobutane .....	-25	-9	-34	-193	-49	-29	-271
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	377	-	377	970	125	248	1,343
Ethylene .....	14	-	14	-	-	-	-
Propylene .....	305	-	305	895	149	248	1,292
Butylene .....	-1	-	-1	75	-24	-	51
Isobutylene .....	59	-	59	-	-	-	-
Finished Motor Gasoline .....	635	989	1,624	4,980	1,955	2,824	9,759
Reformulated .....	635	-	635	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	635	-	635	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	989	989	4,980	1,955	2,824	9,759
Conventional Blended with Fuel Ethanol .....	-	989	989	1,905	1,613	1,615	5,133
Ed55 and Lower .....	-	989	989	1,905	1,613	1,615	5,133
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-	-	3,075	342	1,209	4,626
Finished Aviation Gasoline .....	-	-	-	-	24	-	24
Kerosene-Type Jet Fuel .....	3,037	-	3,037	6,597	803	1,041	8,441
Kerosene .....	1	-	1	2	-	-	2
Distillate Fuel Oil .....	6,012	713	6,725	20,280	5,530	11,149	36,959
15 ppm sulfur and under .....	6,149	701	6,850	20,226	5,527	11,121	36,874
Greater than 15 ppm to 500 ppm sulfur .....	-16	-7	-23	-	-	-21	-21
Greater than 500 ppm sulfur .....	-121	19	-102	54	3	49	106
Residual Fuel Oil .....	1,469	4	1,473	908	133	151	1,192
Less than 0.31 percent sulfur .....	-	4	4	82	-	-	82
0.31 to 1.00 percent sulfur .....	994	-	994	431	63	37	531
Greater than 1.00 percent sulfur .....	475	-	475	395	70	114	579
Petrochemical Feedstocks .....	-	-	-	865	-	13	878
Naphtha for Petro. Feed. Use .....	-	-	-	461	-	-	461
Other Oils for Petro. Feed. Use .....	-	-	-	404	-	13	417
Special Naphthas .....	-	9	9	-46	-	13	-33
Lubricants .....	200	195	395	-	-	233	233
Waxes .....	-	-5	-5	-	-	40	40
Petroleum Coke .....	663	20	683	3,758	909	917	5,584
Marketable .....	256	-	256	2,704	743	654	4,101
Catalyst .....	407	20	427	1,054	166	263	1,483
Asphalt and Road Oil .....	423	649	1,072	3,591	1,271	419	5,281
Still Gas .....	836	13	849	2,537	647	1,122	4,306
Miscellaneous Products .....	49	20	69	309	101	55	465
<b>Total .....</b>	<b>14,377</b>	<b>2,689</b>	<b>17,066</b>	<b>48,256</b>	<b>12,085</b>	<b>18,847</b>	<b>79,188</b>
Processing Gain(-) or Loss(+) .....	-1,133	33	-1,100	-3,863	-1,117	-1,225	-6,205

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2022**  
(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			
Hydrocarbon Gas Liquids .....	871	10,085	5,388	101	48	16,493	330	2,320	26,334
Natural Gas Liquids .....	500	6,046	3,061	71	48	9,726	251	2,129	17,577
Ethane .....	6	132	34	—	—	172	—	—	172
Propane .....	279	2,627	1,955	22	30	4,913	161	1,053	8,966
Normal Butane .....	247	3,465	992	49	18	4,771	161	982	8,851
Isobutane .....	-32	-178	80	—	—	-130	-71	94	-412
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	371	4,039	2,327	30	—	6,767	79	191	8,757
Ethylene .....	—	7	—	—	—	7	—	—	21
Propylene .....	369	4,148	2,491	30	—	7,038	43	200	8,878
Butylene .....	2	-86	-164	—	—	-248	36	-9	-171
Isobutylene .....	—	-30	—	—	—	-30	—	—	29
Finished Motor Gasoline .....	2,568	14,862	5,265	577	231	23,503	4,402	2,585	41,873
Reformulated .....	—	—	—	—	—	—	—	635	1,270
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	635	1,270
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	2,568	14,862	5,265	577	231	23,503	4,402	1,950	40,603
Conventional Blended with Fuel Ethanol .....	2,084	487	2,018	459	71	5,119	2,545	685	14,471
Ed55 and Lower .....	2,084	487	2,018	459	71	5,119	2,545	685	14,471
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	484	14,375	3,247	118	160	18,384	1,857	1,265	26,132
Finished Aviation Gasoline .....	80	123	132	—	—	335	—	81	440
Kerosene-Type Jet Fuel .....	1,620	16,114	10,805	96	—	28,635	991	12,820	53,924
Kerosene .....	6	158	33	2	—	199	—	0	202
Distillate Fuel Oil .....	7,024	46,765	32,429	2,990	1,128	90,336	5,107	14,336	153,463
15 ppm sulfur and under .....	7,058	45,412	27,703	2,931	1,128	84,232	5,085	13,480	146,521
Greater than 15 ppm to 500 ppm sulfur .....	-34	265	2,390	67	—	2,688	47	253	2,944
Greater than 500 ppm sulfur .....	—	1,088	2,336	-8	—	3,416	-25	603	3,998
Residual Fuel Oil .....	305	1,446	577	-5	31	2,354	304	2,250	7,573
Less than 0.31 percent sulfur .....	229	—	600	—	—	829	169	52	1,136
0.31 to 1.00 percent sulfur .....	24	1,001	380	-5	—	1,400	27	447	3,399
Greater than 1.00 percent sulfur .....	52	445	-403	—	31	125	108	1,751	3,038
Petrochemical Feedstocks .....	105	4,242	2,326	—	—	6,673	—	—	7,551
Naphtha for Petro. Feed. Use .....	91	2,442	1,167	—	—	3,700	—	—	4,161
Other Oils for Petro. Feed. Use .....	14	1,800	1,159	—	—	2,973	—	—	3,390
Special Naphthas .....	81	839	—	245	—	1,165	—	44	1,185
Lubricants .....	14	1,751	1,793	976	—	4,534	—	494	5,656
Waxes .....	—	43	58	28	—	129	—	—	164
Petroleum Coke .....	456	8,649	5,279	157	20	14,561	391	4,220	25,439
Marketable .....	221	6,664	4,217	139	—	11,241	219	3,269	19,086
Catalyst .....	235	1,985	1,062	18	20	3,320	172	951	6,353
Asphalt and Road Oil .....	188	450	581	1,161	38	2,418	794	909	10,474
Still Gas .....	820	6,567	3,581	281	69	11,318	528	3,704	20,705
Miscellaneous Products .....	156	1,027	411	19	50	1,663	93	366	2,656
<b>Total .....</b>	<b>14,294</b>	<b>113,121</b>	<b>68,658</b>	<b>6,628</b>	<b>1,615</b>	<b>204,316</b>	<b>12,940</b>	<b>44,129</b>	<b>357,639</b>
Processing Gain(-) or Loss(+) .....	-1,011	-10,855	-7,063	-194	-85	-19,208	-596	-6,597	-33,706

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2022**  
(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
Hydrocarbon Gas Liquids .....	922	91	1,013	4,587	553	836	5,976
Natural Gas Liquids .....	624	91	715	3,577	456	603	4,636
Ethane .....	-	-	-	-	-	-	-
Propane .....	415	31	446	1,704	272	491	2,467
Normal Butane .....	238	69	307	2,021	225	133	2,379
Isobutane .....	-29	-9	-38	-148	-41	-21	-210
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	298	-	298	1,010	97	233	1,340
Ethylene .....	20	-	20	-	-	-	-
Propylene .....	232	-	232	884	110	233	1,227
Butylene .....	1	-	1	126	-13	-	113
Isobutylene .....	45	-	45	-	-	-	-
Finished Motor Gasoline .....	697	1,073	1,770	5,032	2,068	2,993	10,093
Reformulated .....	697	-	697	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	697	-	697	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,073	1,073	5,032	2,068	2,993	10,093
Conventional Blended with Fuel Ethanol .....	-	1,073	1,073	1,805	1,765	1,493	5,063
Ed55 and Lower .....	-	1,073	1,073	1,805	1,765	1,493	5,063
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-	-	3,227	303	1,500	5,030
Finished Aviation Gasoline .....	-	-	-	-	1	-	1
Kerosene-Type Jet Fuel .....	2,847	-	2,847	6,470	790	927	8,187
Kerosene .....	-29	-	-29	59	-	-	59
Distillate Fuel Oil .....	5,681	738	6,419	20,111	4,649	10,987	35,747
15 ppm sulfur and under .....	5,887	735	6,622	20,102	4,652	10,994	35,748
Greater than 15 ppm to 500 ppm sulfur .....	-42	-14	-56	-	-	36	36
Greater than 500 ppm sulfur .....	-164	17	-147	9	-3	-43	-37
Residual Fuel Oil .....	1,330	2	1,332	850	112	161	1,123
Less than 0.31 percent sulfur .....	-	2	2	98	-	-	98
0.31 to 1.00 percent sulfur .....	1,057	-	1,057	279	64	37	380
Greater than 1.00 percent sulfur .....	273	-	273	473	48	124	645
Petrochemical Feedstocks .....	-	-	-	859	-	9	868
Naphtha for Petro. Feed. Use .....	-	-	-	488	-	-	488
Other Oils for Petro. Feed. Use .....	-	-	-	371	-	9	380
Special Naphthas .....	-	12	12	-52	-	12	-40
Lubricants .....	194	173	367	-	-	236	236
Waxes .....	-	-3	-3	-	-	39	39
Petroleum Coke .....	696	19	715	3,707	1,467	925	6,099
Marketable .....	268	-	268	2,658	1,304	670	4,632
Catalyst .....	428	19	447	1,049	163	255	1,467
Asphalt and Road Oil .....	349	707	1,056	3,547	1,310	456	5,313
Still Gas .....	818	18	836	2,700	596	1,076	4,372
Miscellaneous Products .....	53	57	110	328	91	62	481
<b>Total .....</b>	<b>13,558</b>	<b>2,887</b>	<b>16,445</b>	<b>48,198</b>	<b>11,637</b>	<b>18,719</b>	<b>78,554</b>
Processing Gain(-) or Loss(+) .....	-1,063	71	-992	-4,100	-1,737	-1,050	-6,887

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2022**  
(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			
Hydrocarbon Gas Liquids .....	986	9,354	5,344	88	48	15,820	482	2,553	25,844
Natural Gas Liquids .....	575	5,758	3,253	59	48	9,693	372	2,438	17,854
Ethane .....	6	177	27	—	—	210	—	—	210
Propane .....	302	2,482	1,953	19	29	4,785	205	980	8,883
Normal Butane .....	261	3,433	1,168	40	19	4,921	167	1,424	9,198
Isobutane .....	6	-334	105	—	—	-223	0	34	-437
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	411	3,596	2,091	29	—	6,127	110	115	7,990
Ethylene .....	—	8	—	—	—	8	—	—	28
Propylene .....	414	3,768	2,332	29	—	6,543	27	165	8,194
Butylene .....	-3	-150	-241	—	—	-394	83	-50	-247
Isobutylene .....	—	-30	—	—	—	-30	—	—	15
Finished Motor Gasoline .....	2,543	14,172	7,110	514	184	24,523	4,725	2,462	43,573
Reformulated .....	—	—	—	—	—	—	—	652	1,349
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	652	1,349
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	2,543	14,172	7,110	514	184	24,523	4,725	1,810	42,224
Conventional Blended with Fuel Ethanol .....	2,084	451	1,912	401	74	4,922	2,756	696	14,510
Ed55 and Lower .....	2,084	451	1,912	401	74	4,922	2,756	696	14,510
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	459	13,721	5,198	113	110	19,601	1,969	1,114	27,714
Finished Aviation Gasoline .....	66	56	74	—	—	196	—	-1	196
Kerosene-Type Jet Fuel .....	1,522	14,656	10,623	110	—	26,911	1,035	11,537	50,517
Kerosene .....	-12	60	43	2	—	93	—	-2	121
Distillate Fuel Oil .....	6,909	46,831	33,516	2,894	1,086	91,236	6,371	14,996	154,769
15 ppm sulfur and under .....	6,916	44,949	30,037	2,783	1,086	85,771	6,324	13,909	148,374
Greater than 15 ppm to 500 ppm sulfur .....	-7	249	2,542	91	—	2,875	21	330	3,206
Greater than 500 ppm sulfur .....	—	1,633	937	20	—	2,590	26	757	3,189
Residual Fuel Oil .....	281	1,041	-106	-15	28	1,229	317	2,161	6,162
Less than 0.31 percent sulfur .....	269	—	428	—	—	697	152	51	1,000
0.31 to 1.00 percent sulfur .....	-4	998	332	-15	—	1,311	49	787	3,584
Greater than 1.00 percent sulfur .....	16	43	-866	—	28	-779	116	1,323	1,578
Petrochemical Feedstocks .....	52	3,199	2,536	—	—	5,787	—	—	6,655
Naphtha for Petro. Feed. Use .....	40	1,733	1,332	—	—	3,105	—	—	3,593
Other Oils for Petro. Feed. Use .....	12	1,466	1,204	—	—	2,682	—	—	3,062
Special Naphthas .....	63	750	—	218	—	1,031	—	13	1,016
Lubricants .....	23	1,727	1,609	996	—	4,355	—	259	5,217
Waxes .....	—	58	73	27	—	158	—	—	194
Petroleum Coke .....	468	8,548	5,181	173	20	14,390	531	3,899	25,634
Marketable .....	221	6,712	4,129	155	—	11,217	323	2,990	19,430
Catalyst .....	247	1,836	1,052	18	20	3,173	208	909	6,204
Asphalt and Road Oil .....	240	496	573	1,202	36	2,547	1,244	970	11,130
Still Gas .....	817	6,473	3,574	312	73	11,249	644	3,638	20,739
Miscellaneous Products .....	147	1,057	478	18	49	1,749	97	389	2,826
<b>Total .....</b>	<b>14,105</b>	<b>108,478</b>	<b>70,628</b>	<b>6,539</b>	<b>1,524</b>	<b>201,274</b>	<b>15,446</b>	<b>42,874</b>	<b>354,593</b>
Processing Gain(-) or Loss(+) .....	-1,156	-11,040	-7,198	-330	-61	-19,785	-804	-4,882	-33,350

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2022**  
(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
Hydrocarbon Gas Liquids .....	996	92	1,088	4,580	496	804	5,880
Natural Gas Liquids .....	667	92	759	3,522	346	568	4,436
Ethane .....	-	-	-	-	-	-	-
Propane .....	437	28	465	1,590	240	492	2,322
Normal Butane .....	238	76	314	2,104	162	123	2,389
Isobutane .....	-8	-12	-20	-172	-56	-47	-275
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	329	-	329	1,058	150	236	1,444
Ethylene .....	13	-	13	-	-	-	-
Propylene .....	272	-	272	945	150	236	1,331
Butylene .....	-2	-	-2	113	-	-	113
Isobutylene .....	46	-	46	-	-	-	-
Finished Motor Gasoline .....	754	1,091	1,845	5,245	1,750	2,809	9,804
Reformulated .....	754	-	754	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	754	-	754	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,091	1,091	5,245	1,750	2,809	9,804
Conventional Blended with Fuel Ethanol .....	-	1,106	1,106	1,983	1,390	1,538	4,911
Ed55 and Lower .....	-	1,106	1,106	1,983	1,390	1,538	4,911
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-15	-15	3,262	360	1,271	4,893
Finished Aviation Gasoline .....	-	-	-	-	22	-	22
Kerosene-Type Jet Fuel .....	3,009	-	3,009	7,000	903	956	8,859
Kerosene .....	55	2	57	64	-	12	76
Distillate Fuel Oil .....	5,934	665	6,599	19,365	4,705	10,362	34,432
15 ppm sulfur and under .....	6,039	679	6,718	19,254	4,641	10,432	34,327
Greater than 15 ppm to 500 ppm sulfur .....	5	-23	-18	-	-	-59	-59
Greater than 500 ppm sulfur .....	-110	9	-101	111	64	-11	164
Residual Fuel Oil .....	1,287	-	1,287	778	180	145	1,103
Less than 0.31 percent sulfur .....	-	-	-	95	-	-	95
0.31 to 1.00 percent sulfur .....	995	-	995	326	87	32	445
Greater than 1.00 percent sulfur .....	292	-	292	357	93	113	563
Petrochemical Feedstocks .....	-	-	-	786	-	-	786
Naphtha for Petro. Feed. Use .....	-	-	-	446	-	-	446
Other Oils for Petro. Feed. Use .....	-	-	-	340	-	-	340
Special Naphthas .....	-	20	20	-20	-	8	-12
Lubricants .....	223	189	412	-	-	259	259
Waxes .....	-	-7	-7	-	-	52	52
Petroleum Coke .....	701	20	721	3,817	862	938	5,617
Marketable .....	271	-	271	2,732	702	666	4,100
Catalyst .....	430	20	450	1,085	160	272	1,517
Asphalt and Road Oil .....	393	694	1,087	4,127	830	359	5,316
Still Gas .....	837	54	891	2,669	590	1,086	4,345
Miscellaneous Products .....	58	52	110	328	115	43	486
<b>Total .....</b>	<b>14,247</b>	<b>2,872</b>	<b>17,119</b>	<b>48,739</b>	<b>10,453</b>	<b>17,833</b>	<b>77,025</b>
Processing Gain(-) or Loss(+) .....	-1,012	52	-960	-4,255	-1,058	-1,200	-6,513

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2022**  
(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			
Hydrocarbon Gas Liquids .....	1,027	9,586	5,557	76	51	16,297	597	2,392	26,254
Natural Gas Liquids .....	577	5,794	3,109	51	51	9,582	465	2,245	17,487
Ethane .....	9	181	66	—	—	256	—	—	256
Propane .....	270	2,544	2,131	20	32	4,997	238	1,040	9,062
Normal Butane .....	292	3,427	798	31	19	4,567	227	1,144	8,641
Isobutane .....	6	-358	114	—	—	-238	0	61	-472
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	450	3,792	2,448	25	—	6,715	132	147	8,767
Ethylene .....	—	12	—	—	—	12	—	—	25
Propylene .....	411	3,937	2,400	25	—	6,773	12	172	8,560
Butylene .....	39	-117	48	—	—	-30	120	-25	176
Isobutylene .....	—	-40	—	—	—	-40	—	—	6
Finished Motor Gasoline .....	2,791	14,505	5,960	565	270	24,091	4,756	2,165	42,661
Reformulated .....	—	—	—	—	—	—	—	618	1,372
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	618	1,372
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	2,791	14,505	5,960	565	270	24,091	4,756	1,547	41,289
Conventional Blended with Fuel Ethanol .....	2,190	454	1,939	440	60	5,083	2,899	702	14,701
Ed55 and Lower .....	2,190	454	1,939	440	60	5,083	2,899	702	14,701
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	601	14,051	4,021	125	210	19,008	1,857	845	26,588
Finished Aviation Gasoline .....	99	99	86	—	—	284	9	—	315
Kerosene-Type Jet Fuel .....	1,441	15,061	11,150	121	—	27,773	1,139	12,559	53,339
Kerosene .....	3	158	4	2	—	167	—	1	301
Distillate Fuel Oil .....	6,242	48,001	37,521	2,884	1,265	95,913	6,656	14,200	157,800
15 ppm sulfur and under .....	6,186	45,724	32,951	2,792	1,265	88,918	6,592	13,822	150,377
Greater than 15 ppm to 500 ppm sulfur .....	56	286	2,504	76	—	2,922	84	107	3,036
Greater than 500 ppm sulfur .....	—	1,991	2,066	16	—	4,073	-20	271	4,387
Residual Fuel Oil .....	288	1,508	554	-28	17	2,339	346	1,694	6,769
Less than 0.31 percent sulfur .....	295	—	755	—	—	1,050	162	54	1,361
0.31 to 1.00 percent sulfur .....	-17	1,008	383	-28	—	1,346	65	766	3,617
Greater than 1.00 percent sulfur .....	10	500	-584	—	17	-57	119	874	1,791
Petrochemical Feedstocks .....	51	3,926	2,876	—	—	6,853	—	—	7,639
Naphtha for Petro. Feed. Use .....	42	2,083	1,387	—	—	3,512	—	—	3,958
Other Oils for Petro. Feed. Use .....	9	1,843	1,489	—	—	3,341	—	—	3,681
Special Naphthas .....	53	731	—	224	—	1,008	—	16	1,032
Lubricants .....	19	1,681	1,774	839	—	4,313	—	117	5,101
Waxes .....	—	63	51	27	—	141	—	—	186
Petroleum Coke .....	458	8,716	5,572	105	21	14,872	693	3,929	25,832
Marketable .....	216	6,779	4,468	87	—	11,550	479	3,060	19,460
Catalyst .....	242	1,937	1,104	18	21	3,322	214	869	6,372
Asphalt and Road Oil .....	201	500	814	1,232	59	2,806	1,083	960	11,252
Still Gas .....	801	6,992	3,982	301	62	12,138	712	3,713	21,799
Miscellaneous Products .....	151	1,065	488	15	48	1,767	136	364	2,863
<b>Total .....</b>	<b>13,625</b>	<b>112,592</b>	<b>76,389</b>	<b>6,363</b>	<b>1,793</b>	<b>210,762</b>	<b>16,127</b>	<b>42,110</b>	<b>363,143</b>
Processing Gain(-) or Loss(+) .....	-949	-12,213	-7,497	-173	-69	-20,901	-873	-4,877	-34,124

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2022**  
(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
Hydrocarbon Gas Liquids .....	1,005	56	1,061	4,119	607	761	5,487
Natural Gas Liquids .....	656	56	712	3,073	480	531	4,084
Ethane .....	-	-	-	-	-	-	-
Propane .....	432	22	454	1,588	264	492	2,344
Normal Butane .....	229	53	282	1,641	273	77	1,991
Isobutane .....	-5	-19	-24	-156	-57	-38	-251
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	349	-	349	1,046	127	230	1,403
Ethylene .....	14	-	14	-	-	-	-
Propylene .....	293	-	293	907	127	231	1,265
Butylene .....	-1	-	-1	139	-	-1	138
Isobutylene .....	43	-	43	-	-	-	-
Finished Motor Gasoline .....	786	954	1,740	5,046	1,960	2,842	9,848
Reformulated .....	786	-	786	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	786	-	786	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	954	954	5,046	1,960	2,842	9,848
Conventional Blended with Fuel Ethanol .....	-	951	951	1,949	1,466	1,514	4,929
Ed55 and Lower .....	-	951	951	1,949	1,466	1,514	4,929
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	3	3	3,097	494	1,328	4,919
Finished Aviation Gasoline .....	-	-	-	-	48	-	48
Kerosene-Type Jet Fuel .....	3,129	-	3,129	6,486	956	1,010	8,452
Kerosene .....	71	-	71	51	-	8	59
Distillate Fuel Oil .....	5,995	734	6,729	20,560	4,841	11,403	36,804
15 ppm sulfur and under .....	6,153	717	6,870	20,631	4,892	11,342	36,865
Greater than 15 ppm to 500 ppm sulfur .....	-12	-	-12	-	-	83	83
Greater than 500 ppm sulfur .....	-146	17	-129	-71	-51	-22	-144
Residual Fuel Oil .....	1,203	6	1,209	803	155	154	1,112
Less than 0.31 percent sulfur .....	-	5	5	4	-	-	4
0.31 to 1.00 percent sulfur .....	978	1	979	413	78	28	519
Greater than 1.00 percent sulfur .....	225	-	225	386	77	126	589
Petrochemical Feedstocks .....	-	-	-	867	-	-	867
Naphtha for Petro. Feed. Use .....	-	-	-	549	-	-	549
Other Oils for Petro. Feed. Use .....	-	-	-	318	-	-	318
Special Naphthas .....	-	11	11	-15	-	17	2
Lubricants .....	150	211	361	-	-	259	259
Waxes .....	-	-3	-3	-	-	46	46
Petroleum Coke .....	736	16	752	3,854	919	992	5,765
Marketable .....	299	-	299	2,762	756	729	4,247
Catalyst .....	437	16	453	1,092	163	263	1,518
Asphalt and Road Oil .....	478	617	1,095	3,651	986	379	5,016
Still Gas .....	832	47	879	2,698	604	1,118	4,420
Miscellaneous Products .....	52	33	85	307	109	63	479
<b>Total .....</b>	<b>14,437</b>	<b>2,682</b>	<b>17,119</b>	<b>48,427</b>	<b>11,185</b>	<b>19,052</b>	<b>78,664</b>
Processing Gain(-) or Loss(+) .....	-1,153	51	-1,102	-3,674	-1,183	-1,191	-6,048

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2022**  
(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			
Hydrocarbon Gas Liquids .....	951	8,747	5,617	76	39	15,430	581	2,243	24,802
Natural Gas Liquids .....	588	5,448	3,388	50	39	9,513	439	2,103	16,851
Ethane .....	8	154	35	—	—	197	—	—	197
Propane .....	313	2,554	2,126	21	28	5,042	228	1,049	9,117
Normal Butane .....	292	3,112	1,052	29	11	4,496	213	1,008	7,990
Isobutane .....	-25	-372	175	—	—	-222	-2	46	-453
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	363	3,299	2,229	26	—	5,917	142	140	7,951
Ethylene .....	—	13	—	—	—	13	—	—	27
Propylene .....	368	3,633	2,356	26	—	6,383	41	171	8,153
Butylene .....	-5	-290	-127	—	—	-422	101	-31	-215
Isobutylene .....	—	-57	—	—	—	-57	—	—	-14
Finished Motor Gasoline .....	2,596	14,652	7,108	487	251	25,094	4,958	2,281	43,921
Reformulated .....	—	—	—	—	—	—	—	631	1,417
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	631	1,417
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	2,596	14,652	7,108	487	251	25,094	4,958	1,650	42,504
Conventional Blended with Fuel Ethanol .....	2,089	436	1,920	374	62	4,881	2,924	718	14,403
Ed55 and Lower .....	2,089	436	1,920	374	62	4,881	2,924	718	14,403
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	507	14,216	5,188	113	189	20,213	2,034	932	28,101
Finished Aviation Gasoline .....	82	124	120	—	—	326	8	58	440
Kerosene-Type Jet Fuel .....	1,531	14,186	10,324	70	—	26,111	1,028	13,336	52,056
Kerosene .....	7	347	-38	4	—	320	—	0	450
Distillate Fuel Oil .....	6,386	47,093	36,358	3,004	1,170	94,011	6,652	14,112	158,308
15 ppm sulfur and under .....	6,247	45,373	32,305	2,932	1,170	88,027	6,610	13,323	151,695
Greater than 15 ppm to 500 ppm sulfur .....	139	292	1,958	80	—	2,469	57	359	2,956
Greater than 500 ppm sulfur .....	—	1,428	2,095	-8	—	3,515	-15	430	3,657
Residual Fuel Oil .....	310	1,921	1,310	-12	18	3,547	325	2,382	8,575
Less than 0.31 percent sulfur .....	300	—	807	—	—	1,107	163	59	1,338
0.31 to 1.00 percent sulfur .....	1	1,043	414	-12	—	1,446	30	636	3,610
Greater than 1.00 percent sulfur .....	9	878	89	—	18	994	132	1,687	3,627
Petrochemical Feedstocks .....	52	2,959	2,737	—	—	5,748	—	—	6,615
Naphtha for Petro. Feed. Use .....	40	1,678	1,109	—	—	2,827	—	—	3,376
Other Oils for Petro. Feed. Use .....	12	1,281	1,628	—	—	2,921	—	—	3,239
Special Naphthas .....	50	679	—	226	—	955	—	17	985
Lubricants .....	5	1,077	1,475	758	—	3,315	—	112	4,047
Waxes .....	—	59	82	29	—	170	—	—	213
Petroleum Coke .....	478	8,276	5,485	127	22	14,388	674	3,868	25,447
Marketable .....	226	6,413	4,397	109	—	11,145	467	2,929	19,087
Catalyst .....	252	1,863	1,088	18	22	3,243	207	939	6,360
Asphalt and Road Oil .....	160	498	853	1,202	46	2,759	1,004	939	10,813
Still Gas .....	850	6,540	3,688	251	78	11,407	740	3,782	21,228
Miscellaneous Products .....	154	1,001	479	14	50	1,698	139	375	2,776
<b>Total .....</b>	<b>13,612</b>	<b>108,159</b>	<b>75,598</b>	<b>6,236</b>	<b>1,674</b>	<b>205,279</b>	<b>16,109</b>	<b>43,505</b>	<b>360,676</b>
Processing Gain(-) or Loss(+) .....	-919	-10,964	-6,713	-150	-70	-18,816	-870	-4,473	-31,309

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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



**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2022**  
(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
Hydrocarbon Gas Liquids .....	616	22	638	2,403	274	601	3,278
Natural Gas Liquids .....	225	22	247	1,582	166	396	2,144
Ethane .....	-	-	-	-	-	-	-
Propane .....	390	24	414	1,475	265	438	2,178
Normal Butane .....	-138	12	-126	266	-78	19	207
Isobutane .....	-27	-14	-41	-159	-21	-61	-241
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	391	-	391	821	108	205	1,134
Ethylene .....	14	-	14	-	-	-	-
Propylene .....	309	-	309	772	108	204	1,084
Butylene .....	-1	-	-1	49	-	1	50
Isobutylene .....	69	-	69	-	-	-	-
Finished Motor Gasoline .....	713	1,232	1,945	5,128	1,881	2,586	9,595
Reformulated .....	713	-	713	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	713	-	713	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,232	1,232	5,128	1,881	2,586	9,595
Conventional Blended with Fuel Ethanol .....	-	1,227	1,227	1,896	1,563	1,460	4,919
Ed55 and Lower .....	-	1,227	1,227	1,896	1,563	1,460	4,919
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	5	5	3,232	318	1,126	4,676
Finished Aviation Gasoline .....	-	-	-	-	23	-	23
Kerosene-Type Jet Fuel .....	2,595	-	2,595	6,279	745	841	7,865
Kerosene .....	169	2	171	2	-	21	23
Distillate Fuel Oil .....	5,424	718	6,142	20,759	4,911	9,766	35,436
15 ppm sulfur and under .....	5,573	696	6,269	20,742	4,808	9,582	35,132
Greater than 15 ppm to 500 ppm sulfur .....	34	-	34	-	-	-68	-68
Greater than 500 ppm sulfur .....	-183	22	-161	17	103	252	372
Residual Fuel Oil .....	1,165	3	1,168	847	153	146	1,146
Less than 0.31 percent sulfur .....	-	2	2	138	-	-	138
0.31 to 1.00 percent sulfur .....	917	1	918	330	62	38	430
Greater than 1.00 percent sulfur .....	248	-	248	379	91	108	578
Petrochemical Feedstocks .....	-	-	-	865	-	-	865
Naphtha for Petro. Feed. Use .....	-	-	-	533	-	-	533
Other Oils for Petro. Feed. Use .....	-	-	-	332	-	-	332
Special Naphthas .....	-	15	15	-37	-	15	-22
Lubricants .....	196	193	389	-	-	233	233
Waxes .....	-	-13	-13	-	-	42	42
Petroleum Coke .....	660	16	676	3,611	773	886	5,270
Marketable .....	246	-	246	2,590	619	651	3,860
Catalyst .....	414	16	430	1,021	154	235	1,410
Asphalt and Road Oil .....	511	671	1,182	4,014	1,216	458	5,688
Still Gas .....	754	41	795	2,557	582	1,023	4,162
Miscellaneous Products .....	58	35	93	327	100	51	478
<b>Total .....</b>	<b>12,861</b>	<b>2,935</b>	<b>15,796</b>	<b>46,755</b>	<b>10,658</b>	<b>16,669</b>	<b>74,082</b>
Processing Gain(-) or Loss(+) .....	-1,048	64	-984	-4,423	-1,102	-1,021	-6,546

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2022**  
(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			
Hydrocarbon Gas Liquids .....	960	6,836	4,436	17	31	12,280	399	1,736	18,331
Natural Gas Liquids .....	576	3,733	2,401	9	31	6,750	293	1,663	11,097
Ethane .....	6	131	29	—	—	166	—	—	166
Propane .....	341	2,326	2,016	23	28	4,734	214	938	8,478
Normal Butane .....	211	1,670	242	-14	3	2,112	78	592	2,863
Isobutane .....	18	-394	114	—	—	-262	1	133	-410
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	384	3,103	2,035	8	—	5,530	106	73	7,234
Ethylene .....	—	9	—	—	—	9	—	—	23
Propylene .....	354	3,486	2,152	8	—	6,000	37	130	7,560
Butylene .....	30	-392	-117	—	—	-479	69	-57	-418
Isobutylene .....	—	—	—	—	—	—	—	—	69
Finished Motor Gasoline .....	2,392	14,196	7,810	509	259	25,166	4,763	2,131	43,600
Reformulated .....	—	—	—	—	—	—	—	666	1,379
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	666	1,379
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	2,392	14,196	7,810	509	259	25,166	4,763	1,465	42,221
Conventional Blended with Fuel Ethanol .....	1,994	421	1,948	386	66	4,815	2,726	693	14,380
Ed55 and Lower .....	1,994	421	1,948	386	66	4,815	2,726	693	14,380
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	398	13,775	5,862	123	193	20,351	2,037	772	27,841
Finished Aviation Gasoline .....	88	100	125	—	—	313	4	25	365
Kerosene-Type Jet Fuel .....	1,352	14,160	8,271	77	—	23,860	982	12,628	47,930
Kerosene .....	2	145	20	14	—	181	—	2	377
Distillate Fuel Oil .....	6,813	46,737	35,714	2,845	986	93,095	6,204	13,526	154,403
15 ppm sulfur and under .....	6,859	44,951	31,371	2,722	986	86,889	6,070	13,181	147,541
Greater than 15 ppm to 500 ppm sulfur .....	-46	314	1,721	104	—	2,093	77	191	2,327
Greater than 500 ppm sulfur .....	—	1,472	2,622	19	—	4,113	57	154	4,535
Residual Fuel Oil .....	341	2,251	991	13	26	3,622	337	2,602	8,875
Less than 0.31 percent sulfur .....	250	—	781	—	—	1,031	186	55	1,412
0.31 to 1.00 percent sulfur .....	-3	1,124	354	13	—	1,488	31	758	3,625
Greater than 1.00 percent sulfur .....	94	1,127	-144	—	26	1,103	120	1,789	3,838
Petrochemical Feedstocks .....	42	3,290	2,348	—	—	5,680	—	—	6,545
Naphtha for Petro. Feed. Use .....	41	1,809	987	—	—	2,837	—	—	3,370
Other Oils for Petro. Feed. Use .....	1	1,481	1,361	—	—	2,843	—	—	3,175
Special Naphthas .....	42	616	—	215	—	873	—	20	886
Lubricants .....	0	1,421	1,569	784	—	3,774	—	240	4,636
Waxes .....	—	56	48	31	—	135	—	—	164
Petroleum Coke .....	476	8,287	5,117	153	19	14,052	610	3,663	24,271
Marketable .....	241	6,478	4,077	136	—	10,932	409	2,800	18,247
Catalyst .....	235	1,809	1,040	17	19	3,120	201	863	6,024
Asphalt and Road Oil .....	199	348	545	1,113	48	2,253	1,158	905	11,186
Still Gas .....	828	6,493	3,326	261	69	10,977	691	3,662	20,287
Miscellaneous Products .....	148	989	463	17	41	1,658	125	362	2,716
<b>Total .....</b>	<b>13,683</b>	<b>105,925</b>	<b>70,783</b>	<b>6,049</b>	<b>1,479</b>	<b>197,919</b>	<b>15,273</b>	<b>41,502</b>	<b>344,572</b>
Processing Gain(-) or Loss(+) .....	-737	-10,735	-7,268	-104	-43	-18,887	-879	-5,171	-32,467

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2022**  
(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
Hydrocarbon Gas Liquids .....	553	-13	540	1,044	102	518	1,664
Natural Gas Liquids .....	76	-13	63	357	-38	313	632
Ethane .....	-	-	-	-	-	-	-
Propane .....	408	25	433	1,525	294	482	2,301
Normal Butane .....	-320	-21	-341	-1,001	-298	-154	-1,453
Isobutane .....	-12	-17	-29	-167	-34	-15	-216
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	477	-	477	687	140	205	1,032
Ethylene .....	15	-	15	-	-	-	-
Propylene .....	402	-	402	630	140	205	975
Butylene .....	1	-	1	57	-	-	57
Isobutylene .....	59	-	59	-	-	-	-
Finished Motor Gasoline .....	684	1,329	2,013	4,704	2,140	2,959	9,803
Reformulated .....	684	-	684	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	684	-	684	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,329	1,329	4,704	2,140	2,959	9,803
Conventional Blended with Fuel Ethanol .....	-	1,319	1,319	1,762	1,676	1,591	5,029
Ed55 and Lower .....	-	1,319	1,319	1,762	1,676	1,591	5,029
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	10	10	2,942	464	1,368	4,774
Finished Aviation Gasoline .....	-	-	-	-	24	-	24
Kerosene-Type Jet Fuel .....	2,886	-	2,886	6,577	748	955	8,280
Kerosene .....	144	7	151	60	-	52	112
Distillate Fuel Oil .....	5,845	825	6,670	20,311	5,890	11,048	37,249
15 ppm sulfur and under .....	5,901	766	6,667	20,338	5,960	11,208	37,506
Greater than 15 ppm to 500 ppm sulfur .....	2	-	2	-	-	81	81
Greater than 500 ppm sulfur .....	-58	59	1	-27	-70	-241	-338
Residual Fuel Oil .....	1,236	8	1,244	834	180	157	1,171
Less than 0.31 percent sulfur .....	-	7	7	66	-	-	66
0.31 to 1.00 percent sulfur .....	1,033	1	1,034	336	83	38	457
Greater than 1.00 percent sulfur .....	203	-	203	432	97	119	648
Petrochemical Feedstocks .....	-	-	-	821	-	-	821
Naphtha for Petro. Feed. Use .....	-	-	-	493	-	-	493
Other Oils for Petro. Feed. Use .....	-	-	-	328	-	-	328
Special Naphthas .....	-	8	8	-60	-	14	-46
Lubricants .....	201	205	406	-	-	203	203
Waxes .....	-	-15	-15	-	-	16	16
Petroleum Coke .....	726	21	747	3,549	960	980	5,489
Marketable .....	278	-	278	2,596	790	716	4,102
Catalyst .....	448	21	469	953	170	264	1,387
Asphalt and Road Oil .....	491	733	1,224	3,751	958	323	5,032
Still Gas .....	791	40	831	2,600	638	1,104	4,342
Miscellaneous Products .....	57	36	93	267	122	55	444
<b>Total .....</b>	<b>13,614</b>	<b>3,184</b>	<b>16,798</b>	<b>44,458</b>	<b>11,762</b>	<b>18,384</b>	<b>74,604</b>
Processing Gain(-) or Loss(+) .....	-1,431	13	-1,418	-4,099	-1,544	-1,482	-7,125

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2022**  
(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			
Hydrocarbon Gas Liquids .....	484	5,614	3,980	-10	-1	10,067	195	67	12,533
Natural Gas Liquids .....	170	2,652	2,116	-16	-1	4,921	107	33	5,756
Ethane .....	4	120	34	-	-	158	-	-	158
Propane .....	288	2,431	1,865	26	27	4,637	224	901	8,496
Normal Butane .....	-131	464	117	-42	-28	380	-121	-831	-2,366
Isobutane .....	9	-363	100	-	-	-254	4	-37	-532
Natural Gasoline .....	-	-	-	-	-	-	-	-	-
Refinery Olefins .....	314	2,962	1,864	6	-	5,146	88	34	6,777
Ethylene .....	-	5	-	-	-	5	-	-	20
Propylene .....	295	3,316	1,845	6	-	5,462	28	66	6,933
Butylene .....	19	-359	19	-	-	-321	60	-32	-235
Isobutylene .....	-	-	-	-	-	-	-	-	59
Finished Motor Gasoline .....	2,444	13,196	7,547	625	257	24,069	4,860	2,225	42,970
Reformulated .....	-	-	-	-	-	-	-	698	1,382
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	698	1,382
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,444	13,196	7,547	625	257	24,069	4,860	1,527	41,588
Conventional Blended with Fuel Ethanol .....	2,006	436	1,912	523	57	4,934	2,830	676	14,788
Ed55 and Lower .....	2,006	436	1,912	523	57	4,934	2,830	676	14,788
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	438	12,760	5,635	102	200	19,135	2,030	851	26,800
Finished Aviation Gasoline .....	117	78	98	-	-	293	4	82	403
Kerosene-Type Jet Fuel .....	1,492	13,144	8,879	87	-	23,602	1,039	12,722	48,529
Kerosene .....	6	317	-68	32	-	287	-	1	551
Distillate Fuel Oil .....	6,642	45,759	35,179	2,977	1,027	91,584	6,279	14,580	156,362
15 ppm sulfur and under .....	6,692	43,936	31,662	2,951	1,027	86,268	6,241	13,666	150,348
Greater than 15 ppm to 500 ppm sulfur .....	-50	319	1,646	41	-	1,956	48	409	2,496
Greater than 500 ppm sulfur .....	-	1,504	1,871	-15	-	3,360	-10	505	3,518
Residual Fuel Oil .....	292	1,324	820	13	50	2,499	324	2,659	7,897
Less than 0.31 percent sulfur .....	298	-	787	-	-	1,085	178	58	1,394
0.31 to 1.00 percent sulfur .....	1	1,064	312	13	-	1,390	23	727	3,631
Greater than 1.00 percent sulfur .....	-7	260	-279	-	50	24	123	1,874	2,872
Petrochemical Feedstocks .....	114	3,290	2,116	-	-	5,520	-	-	6,341
Naphtha for Petro. Feed. Use .....	112	1,641	1,089	-	-	2,842	-	-	3,335
Other Oils for Petro. Feed. Use .....	2	1,649	1,027	-	-	2,678	-	-	3,006
Special Naphthas .....	60	633	-	208	-	901	-	13	876
Lubricants .....	13	976	1,468	861	-	3,318	-	487	4,414
Waxes .....	-	61	43	25	-	129	-	-	130
Petroleum Coke .....	417	7,842	5,039	187	20	13,505	648	4,005	24,394
Marketable .....	187	6,129	4,118	168	-	10,602	421	3,113	18,516
Catalyst .....	230	1,713	921	19	20	2,903	227	892	5,878
Asphalt and Road Oil .....	172	221	944	1,181	106	2,624	1,166	915	10,961
Still Gas .....	783	6,203	3,430	288	80	10,784	628	3,631	20,216
Miscellaneous Products .....	120	996	461	21	36	1,634	132	385	2,688
<b>Total .....</b>	<b>13,156</b>	<b>99,654</b>	<b>69,936</b>	<b>6,495</b>	<b>1,575</b>	<b>190,816</b>	<b>15,275</b>	<b>41,772</b>	<b>339,265</b>
Processing Gain(-) or Loss(+) .....	-951	-8,820	-6,361	-400	-65	-16,597	-901	-5,382	-31,423

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2022**  
(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
Hydrocarbon Gas Liquids .....	302	-37	265	819	-477	346	688
Natural Gas Liquids .....	-38	-37	-75	124	-566	133	-309
Ethane .....	-	-	-	-	-	-	-
Propane .....	454	23	477	1,558	272	485	2,315
Normal Butane .....	-458	-44	-502	-1,219	-780	-367	-2,366
Isobutane .....	-34	-16	-50	-215	-58	15	-258
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	340	-	340	695	89	213	997
Ethylene .....	15	-	15	-	-	-	-
Propylene .....	315	-	315	679	89	213	981
Butylene .....	1	-	1	16	-	-	16
Isobutylene .....	9	-	9	-	-	-	-
Finished Motor Gasoline .....	621	1,266	1,887	4,377	1,904	2,876	9,157
Reformulated .....	621	-	621	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	621	-	621	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,266	1,266	4,377	1,904	2,876	9,157
Conventional Blended with Fuel Ethanol .....	-	1,272	1,272	1,885	1,554	1,580	5,019
Ed55 and Lower .....	-	1,272	1,272	1,885	1,554	1,580	5,019
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-6	-6	2,492	350	1,296	4,138
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	2,675	-	2,675	6,586	754	878	8,218
Kerosene .....	227	7	234	225	-	75	300
Distillate Fuel Oil .....	6,307	729	7,036	20,391	5,501	10,770	36,662
15 ppm sulfur and under .....	6,446	703	7,149	20,429	5,456	10,778	36,663
Greater than 15 ppm to 500 ppm sulfur .....	40	-	40	-	-	-35	-35
Greater than 500 ppm sulfur .....	-179	26	-153	-38	45	27	34
Residual Fuel Oil .....	1,193	4	1,197	851	114	176	1,141
Less than 0.31 percent sulfur .....	-	3	3	71	-	-	71
0.31 to 1.00 percent sulfur .....	927	1	928	371	81	40	492
Greater than 1.00 percent sulfur .....	266	-	266	409	33	136	578
Petrochemical Feedstocks .....	-	-	-	864	-	-	864
Naphtha for Petro. Feed. Use .....	-	-	-	578	-	-	578
Other Oils for Petro. Feed. Use .....	-	-	-	286	-	-	286
Special Naphthas .....	-	9	9	-21	-	5	-16
Lubricants .....	186	205	391	-	-	173	173
Waxes .....	-	-19	-19	-	-	29	29
Petroleum Coke .....	663	18	681	3,772	886	868	5,526
Marketable .....	251	-	251	2,837	732	612	4,181
Catalyst .....	412	18	430	935	154	256	1,345
Asphalt and Road Oil .....	389	706	1,095	4,289	1,287	312	5,888
Still Gas .....	784	44	828	2,502	622	1,073	4,197
Miscellaneous Products .....	54	41	95	288	119	46	453
<b>Total .....</b>	<b>13,401</b>	<b>2,973</b>	<b>16,374</b>	<b>44,943</b>	<b>10,710</b>	<b>17,627</b>	<b>73,280</b>
Processing Gain(-) or Loss(+) .....	-1,123	20	-1,103	-4,318	-1,180	-1,269	-6,767

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2022**  
(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			
Hydrocarbon Gas Liquids .....	358	5,541	3,508	-45	-2	9,360	94	-254	10,153
Natural Gas Liquids .....	34	2,318	1,788	-61	-2	4,077	24	-401	3,316
Ethane .....	4	136	34	-	-	174	-	-	174
Propane .....	248	2,500	1,931	15	28	4,722	192	922	8,628
Normal Butane .....	-219	88	-241	-76	-30	-478	-149	-1,398	-4,893
Isobutane .....	1	-406	64	-	-	-341	-19	75	-593
Natural Gasoline .....	-	-	-	-	-	-	-	-	-
Refinery Olefins .....	324	3,223	1,720	16	-	5,283	70	147	6,837
Ethylene .....	-	4	-	-	-	4	-	-	19
Propylene .....	266	3,427	1,809	16	-	5,518	47	169	7,030
Butylene .....	58	-208	-89	-	-	-239	23	-22	-221
Isobutylene .....	-	-	-	-	-	-	-	-	9
Finished Motor Gasoline .....	2,051	15,538	7,421	495	206	25,711	4,609	2,353	43,717
Reformulated .....	-	-	-	-	-	-	-	626	1,247
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	626	1,247
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,051	15,538	7,421	495	206	25,711	4,609	1,727	42,470
Conventional Blended with Fuel Ethanol .....	1,808	410	1,809	466	67	4,560	2,747	691	14,289
Ed55 and Lower .....	1,808	410	1,809	466	67	4,560	2,747	691	14,289
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	243	15,128	5,612	29	139	21,151	1,862	1,036	28,181
Finished Aviation Gasoline .....	74	135	80	-	-	289	6	35	330
Kerosene-Type Jet Fuel .....	1,558	14,452	9,262	49	-	25,321	923	12,551	49,688
Kerosene .....	-10	419	0	25	-	434	-	1	969
Distillate Fuel Oil .....	6,386	47,393	35,963	2,833	936	93,511	5,777	16,113	159,099
15 ppm sulfur and under .....	6,430	45,857	31,552	2,788	936	87,563	5,771	15,242	152,388
Greater than 15 ppm to 500 ppm sulfur .....	-44	315	2,351	51	-	2,673	42	284	3,004
Greater than 500 ppm sulfur .....	-	1,221	2,060	-6	-	3,275	-36	587	3,707
Residual Fuel Oil .....	377	1,092	521	13	-70	1,933	319	1,995	6,585
Less than 0.31 percent sulfur .....	281	-	771	-	-	1,052	154	48	1,328
0.31 to 1.00 percent sulfur .....	4	1,037	391	13	-	1,445	28	672	3,565
Greater than 1.00 percent sulfur .....	92	55	-641	-	-70	-564	137	1,275	1,692
Petrochemical Feedstocks .....	84	3,873	1,954	-	-	5,911	-	-	6,775
Naphtha for Petro. Feed. Use .....	100	2,167	1,279	-	-	3,546	-	-	4,124
Other Oils for Petro. Feed. Use .....	-16	1,706	675	-	-	2,365	-	-	2,651
Special Naphthas .....	66	631	-	200	-	897	-	25	915
Lubricants .....	12	1,326	1,368	909	-	3,615	-	473	4,652
Waxes .....	-	46	46	30	-	122	-	-	132
Petroleum Coke .....	487	8,039	5,569	185	22	14,302	573	3,858	24,940
Marketable .....	260	6,316	4,657	172	-	11,405	352	2,957	19,146
Catalyst .....	227	1,723	912	13	22	2,897	221	901	5,794
Asphalt and Road Oil .....	49	109	618	1,075	29	1,880	1,159	784	10,806
Still Gas .....	812	6,137	3,593	274	76	10,892	597	3,565	20,079
Miscellaneous Products .....	123	995	490	21	43	1,672	111	413	2,744
<b>Total .....</b>	<b>12,427</b>	<b>105,726</b>	<b>70,393</b>	<b>6,064</b>	<b>1,240</b>	<b>195,850</b>	<b>14,168</b>	<b>41,912</b>	<b>341,584</b>
Processing Gain(-) or Loss(+) .....	-882	-10,267	-5,904	-351	234	-17,170	-741	-4,934	-30,715

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2022**  
(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
Hydrocarbon Gas Liquids .....	400	-29	371	720	-244	200	676
Natural Gas Liquids .....	78	-29	49	18	-372	0	-354
Ethane .....	-	-	-	-	-	-	-
Propane .....	394	23	417	1,471	237	490	2,198
Normal Butane .....	-347	-37	-384	-1,236	-570	-447	-2,253
Isobutane .....	31	-15	16	-217	-39	-43	-299
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	322	-	322	702	128	200	1,030
Ethylene .....	24	-	24	-	-	-	-
Propylene .....	285	-	285	706	128	199	1,033
Butylene .....	-	-	-	-4	-	1	-3
Isobutylene .....	13	-	13	-	-	-	-
Finished Motor Gasoline .....	652	1,062	1,714	3,880	1,803	2,810	8,493
Reformulated .....	652	-	652	-	-	5	5
Reformulated Blended with Fuel Ethanol .....	652	-	652	-	-	5	5
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,062	1,062	3,880	1,803	2,805	8,488
Conventional Blended with Fuel Ethanol .....	-	1,086	1,086	1,906	1,494	1,541	4,941
Ed55 and Lower .....	-	1,086	1,086	1,906	1,494	1,541	4,941
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-24	-24	1,974	309	1,264	3,547
Finished Aviation Gasoline .....	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel .....	2,634	-	2,634	5,361	847	905	7,113
Kerosene .....	127	5	132	105	-	74	179
Distillate Fuel Oil .....	6,060	738	6,798	19,532	5,277	10,874	35,683
15 ppm sulfur and under .....	6,110	704	6,814	19,524	5,262	10,848	35,634
Greater than 15 ppm to 500 ppm sulfur .....	-63	-	-63	-	-	-6	-6
Greater than 500 ppm sulfur .....	13	34	47	8	15	32	55
Residual Fuel Oil .....	1,207	12	1,219	758	209	163	1,130
Less than 0.31 percent sulfur .....	-	11	11	78	-	-	78
0.31 to 1.00 percent sulfur .....	958	1	959	290	128	36	454
Greater than 1.00 percent sulfur .....	249	-	249	390	81	127	598
Petrochemical Feedstocks .....	-	-	-	788	-	-	788
Naphtha for Petro. Feed. Use .....	-	-	-	400	-	-	400
Other Oils for Petro. Feed. Use .....	-	-	-	388	-	-	388
Special Naphthas .....	-	1	1	-23	-	11	-12
Lubricants .....	183	196	379	-	-	151	151
Waxes .....	-	-17	-17	-	-	28	28
Petroleum Coke .....	638	18	656	3,535	904	976	5,415
Marketable .....	224	-	224	2,621	753	725	4,099
Catalyst .....	414	18	432	914	151	251	1,316
Asphalt and Road Oil .....	313	679	992	3,336	1,238	229	4,803
Still Gas .....	796	44	840	2,427	624	1,091	4,142
Miscellaneous Products .....	47	47	94	302	126	59	487
<b>Total .....</b>	<b>13,057</b>	<b>2,756</b>	<b>15,813</b>	<b>40,721</b>	<b>10,814</b>	<b>17,571</b>	<b>69,106</b>
Processing Gain(-) or Loss(+) .....	-1,015	15	-1,000	-3,632	-1,246	-1,348	-6,226

See footnotes at end of table.

**Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2022**  
(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			
Hydrocarbon Gas Liquids .....	521	5,053	4,187	-33	-17	9,711	99	-406	10,451
Natural Gas Liquids .....	151	2,286	2,138	-51	-17	4,507	9	-547	3,664
Ethane .....	5	125	40	-	-	170	-	-	170
Propane .....	272	2,396	1,916	17	31	4,632	191	697	8,135
Normal Butane .....	-168	75	55	-68	-48	-154	-193	-1,283	-4,267
Isobutane .....	42	-310	127	-	-	-141	11	39	-374
Natural Gasoline .....	-	-	-	-	-	-	-	-	-
Refinery Olefins .....	370	2,767	2,049	18	-	5,204	90	141	6,787
Ethylene .....	-	8	-	-	-	8	-	-	32
Propylene .....	374	3,104	2,104	18	-	5,600	46	146	7,110
Butylene .....	-4	-345	-55	-	-	-404	44	-5	-368
Isobutylene .....	-	-	-	-	-	-	-	-	13
Finished Motor Gasoline .....	2,171	14,838	8,111	524	140	25,784	4,498	2,724	43,213
Reformulated .....	-	-	-	-	-	-	-	619	1,276
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	619	1,276
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,171	14,838	8,111	524	140	25,784	4,498	2,105	41,937
Conventional Blended with Fuel Ethanol .....	1,910	430	1,856	427	60	4,683	2,552	675	13,937
Ed55 and Lower .....	1,910	430	1,856	427	60	4,683	2,552	675	13,937
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	261	14,408	6,255	97	80	21,101	1,946	1,430	28,000
Finished Aviation Gasoline .....	76	138	114	-	-	328	3	50	411
Kerosene-Type Jet Fuel .....	1,263	12,901	10,022	44	-	24,230	989	13,359	48,325
Kerosene .....	5	551	0	34	-	590	2	4	907
Distillate Fuel Oil .....	5,671	41,141	36,421	2,401	722	86,356	5,709	15,381	149,927
15 ppm sulfur and under .....	5,728	39,956	31,654	2,372	722	80,432	5,676	14,713	143,269
Greater than 15 ppm to 500 ppm sulfur .....	-57	218	2,664	55	-	2,880	30	308	3,149
Greater than 500 ppm sulfur .....	-	967	2,103	-26	-	3,044	3	360	3,509
Residual Fuel Oil .....	325	1,738	1,316	4	89	3,472	341	2,302	8,464
Less than 0.31 percent sulfur .....	263	-	741	-	-	1,004	165	39	1,297
0.31 to 1.00 percent sulfur .....	-4	747	461	4	-	1,208	21	648	3,290
Greater than 1.00 percent sulfur .....	66	991	114	-	89	1,260	155	1,615	3,877
Petrochemical Feedstocks .....	68	2,742	2,221	-	-	5,031	-	-	5,819
Naphtha for Petro. Feed. Use .....	66	1,703	1,217	-	-	2,986	-	-	3,386
Other Oils for Petro. Feed. Use .....	2	1,039	1,004	-	-	2,045	-	-	2,433
Special Naphthas .....	30	459	-	167	-	656	-	24	669
Lubricants .....	14	1,553	1,418	853	-	3,838	-	332	4,700
Waxes .....	-	23	54	14	-	91	-	-	102
Petroleum Coke .....	397	7,385	5,418	163	22	13,385	676	4,082	24,214
Marketable .....	171	5,751	4,449	149	-	10,520	466	3,184	18,493
Catalyst .....	226	1,634	969	14	22	2,865	210	898	5,721
Asphalt and Road Oil .....	153	-7	306	1,048	68	1,568	903	749	9,015
Still Gas .....	700	5,768	3,621	261	76	10,426	633	3,853	19,894
Miscellaneous Products .....	99	887	482	17	43	1,528	107	437	2,653
<b>Total .....</b>	<b>11,493</b>	<b>95,170</b>	<b>73,691</b>	<b>5,497</b>	<b>1,143</b>	<b>186,994</b>	<b>13,960</b>	<b>42,891</b>	<b>328,764</b>
Processing Gain(-) or Loss(+) .....	-575	-9,952	-7,489	-243	284	-17,975	-1,007	-4,351	-30,559

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

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