Table 31. Refinery Net Production of Finished 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
Hydrocarbon Gas Liquids	676	76	752	4,480	597	817	5,894
Natural Gas Liquids	588	76	664	3,679	446	632	4,757
Ethane	–	–	–	–	–	–	–
Propane	318	32	350	1,786	266	523	2,575
Normal Butane	284	73	357	2,106	224	161	2,491
Isobutane	-14	-29	-43	-213	-44	-52	-309
Natural Gasoline	– –	– –	– –	– –	– –	– –	– –
Refinery Olefins	88	–	88	801	151	185	1,137
Ethylene	1	–	1	–	–	–	–
Propylene	88	–	88	670	151	201	1,022
Normal Butylene	-2	–	-2	131	–	-16	115
Isobutylene	1	–	1	–	–	–	–
Finished Motor Gasoline	677	1,186	1,863	4,251	2,084	3,420	9,755
Reformulated	677	–	677	–	–	–	–
Reformulated Blended with Fuel Ethanol	677	–	677	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	–	1,186	1,186	4,251	2,084	3,420	9,755
Conventional Blended with Fuel Ethanol	–	1,143	1,143	1,843	1,706	1,555	5,104
Ed55 and Lower	–	1,143	1,143	1,843	1,706	1,555	5,104
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	–	43	43	2,408	378	1,865	4,651
Finished Aviation Gasoline	–	–	–	–	55	–	55
Kerosene-Type Jet Fuel	2,644	–	2,644	6,677	1,143	1,062	8,882
Kerosene	235	–	235	110	–	37	147
Distillate Fuel Oil	4,904	813	5,717	20,712	5,611	10,839	37,162
15 ppm sulfur and under	4,984	810	5,794	20,789	5,566	10,901	37,256
Greater than 15 ppm to 500 ppm sulfur	6	–	6	–	–	-37	-37
Greater than 500 ppm sulfur	-86	3	-83	-77	45	-25	-57
Residual Fuel Oil	949	7	956	669	186	154	1,009
Less than 0.31 percent sulfur	–	6	6	56	–	–	56
0.31 to 1.00 percent sulfur	659	1	660	235	85	39	359
Greater than 1.00 percent sulfur	290	–	290	378	101	115	594
Petrochemical Feedstocks	–	12	12	883	–	–	883
Naphtha for Petro. Feed. Use	–	–	–	485	–	–	485
Other Oils for Petro. Feed. Use	–	12	12	398	–	–	398
Special Naphthas	–	14	14	-47	–	14	-33
Lubricants	100	215	315	–	–	219	219
Waxes	–	14	14	–	–	21	21
Petroleum Coke	485	21	506	4,054	1,216	839	6,109
Marketable	198	–	198	3,037	1,043	579	4,659
Catalyst	287	21	308	1,017	173	260	1,450
Asphalt and Road Oil	485	749	1,234	3,149	1,596	426	5,171
Still Gas	828	69	897	3,181	642	1,079	4,902
Miscellaneous Products	47	23	70	329	125	56	510
Total	**12,030**	**3,199**	**15,229**	**48,448**	**13,255**	**18,983**	**80,686**
Processing Gain(-) or Loss(+)[1]	-673	42	-631	-4,536	-1,494	-1,140	-7,170

See footnotes at end of table.

Table 31. Refinery Net Production of Finished 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			
Hydrocarbon Gas Liquids	988	9,116	5,730	86	37	15,957	480	2,015	25,098
Natural Gas Liquids	604	5,787	3,495	53	37	9,976	395	1,804	17,596
Ethane	3	198	25	–	–	226	–	–	226
Propane	272	2,390	2,127	7	21	4,817	258	977	8,977
Normal Butane	315	3,658	1,225	46	16	5,260	171	785	9,064
Isobutane	14	-459	118	–	–	-327	-34	42	-671
Natural Gasoline	– –	– –	– –	– –	– –	– –	– –	– –	– –
Refinery Olefins	384	3,329	2,235	33	–	5,981	85	211	7,502
Ethylene	–	11	–	–	–	11	–	–	12
Propylene	382	3,662	2,395	33	–	6,472	20	298	7,900
Normal Butylene	2	-344	-160	–	–	-502	65	-87	-411
Isobutylene	–	–	–	–	–	–	–	–	1
Finished Motor Gasoline	2,587	14,252	7,390	557	163	24,949	4,858	2,771	44,196
Reformulated	–	–	–	–	–	–	–	622	1,299
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–	622	1,299
Reformulated Other	–	–	–	–	–	–	–	–	–
Conventional	2,587	14,252	7,390	557	163	24,949	4,858	2,149	42,897
Conventional Blended with Fuel Ethanol	2,032	501	1,954	541	66	5,094	2,866	626	14,833
Ed55 and Lower	2,032	501	1,954	541	66	5,094	2,866	626	14,833
Greater than Ed55	–	–	–	–	–	–	–	–	–
Conventional Other	555	13,751	5,436	16	97	19,855	1,992	1,523	28,064
Finished Aviation Gasoline	86	87	187	–	–	360	7	-11	411
Kerosene-Type Jet Fuel	1,580	15,779	10,288	178	–	27,825	1,107	14,620	55,078
Kerosene	2	167	0	1	–	170	–	0	552
Distillate Fuel Oil	6,590	47,075	34,587	2,827	910	91,989	6,230	12,677	153,775
15 ppm sulfur and under	6,653	46,313	31,141	2,740	910	87,757	6,297	12,167	149,271
Greater than 15 ppm to 500 ppm sulfur	-63	-19	2,528	44	–	2,490	-43	247	2,663
Greater than 500 ppm sulfur	–	781	918	43	–	1,742	-24	263	1,841
Residual Fuel Oil	252	2,327	893	-14	45	3,503	351	2,380	8,199
Less than 0.31 percent sulfur	254	–	–	–	–	254	195	58	569
0.31 to 1.00 percent sulfur	-2	753	184	-14	–	921	29	658	2,627
Greater than 1.00 percent sulfur	0	1,574	709	–	45	2,328	127	1,664	5,003
Petrochemical Feedstocks	125	2,577	2,820	–	46	5,568	78	191	6,732
Naphtha for Petro. Feed. Use	124	1,667	1,535	–	–	3,326	–	–	3,811
Other Oils for Petro. Feed. Use	1	910	1,285	–	46	2,242	78	191	2,921
Special Naphthas	76	650	–	215	–	941	–	33	955
Lubricants	16	1,628	1,535	813	–	3,992	–	244	4,770
Waxes	–	43	63	20	–	126	–	–	161
Petroleum Coke	444	9,291	5,009	172	19	14,935	738	3,942	26,230
Marketable	204	7,360	3,959	156	–	11,679	524	2,967	20,027
Catalyst	240	1,931	1,050	16	19	3,256	214	975	6,203
Asphalt and Road Oil	231	499	654	1,097	38	2,519	1,080	952	10,956
Still Gas	900	6,580	3,825	368	73	11,746	652	3,693	21,890
Miscellaneous Products	133	1,087	519	19	9	1,767	65	398	2,810
Total	**14,010**	**111,158**	**73,500**	**6,339**	**1,340**	**206,347**	**15,646**	**43,905**	**361,813**
Processing Gain(-) or Loss(+)[1]	-773	-11,080	-7,750	-326	-40	-19,969	-792	-4,785	-33,347

– = No Data Reported.
[1] Represents the arithmetic difference between input and production.
Note: Refer to Appendix A for Refining District descriptions.
Data source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."