Table 31. Refinery Net Production of Finished 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
Hydrocarbon Gas Liquids	411	26	437	2,609	98	551	3,258
Natural Gas Liquids	101	26	127	1,592	-26	401	1,967
Ethane	–	–	–	–	–	–	–
Propane	369	24	393	1,559	194	396	2,149
Normal Butane	-210	19	-191	269	-145	82	206
Isobutane	-58	-17	-75	-236	-75	-77	-388
Natural Gasoline	– –	– –	– –	– –	– –	– –	– –
Refinery Olefins	310	–	310	1,017	124	150	1,291
Ethylene	13	–	13	–	–	–	–
Propylene	279	–	279	881	124	118	1,123
Normal Butylene	1	–	1	136	–	32	168
Isobutylene	17	–	17	–	–	–	–
Finished Motor Gasoline	641	1,076	1,717	4,928	1,929	2,629	9,486
Reformulated	641	–	641	–	–	–	–
Reformulated Blended with Fuel Ethanol	641	–	641	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	–	1,076	1,076	4,928	1,929	2,629	9,486
Conventional Blended with Fuel Ethanol	–	1,067	1,067	1,885	1,644	1,481	5,010
Ed55 and Lower	–	1,067	1,067	1,885	1,644	1,481	5,010
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	–	9	9	3,043	285	1,148	4,476
Finished Aviation Gasoline	–	–	–	–	1	–	1
Kerosene-Type Jet Fuel	2,237	–	2,237	6,896	817	708	8,421
Kerosene	-10	2	-8	121	–	-16	105
Distillate Fuel Oil	5,892	758	6,650	21,521	4,064	8,713	34,298
15 ppm sulfur and under	6,061	754	6,815	21,574	4,089	8,782	34,445
Greater than 15 ppm to 500 ppm sulfur	-4	–	-4	–	–	-72	-72
Greater than 500 ppm sulfur	-165	4	-161	-53	-25	3	-75
Residual Fuel Oil	664	3	667	717	113	140	970
Less than 0.31 percent sulfur	–	2	2	81	–	–	81
0.31 to 1.00 percent sulfur	552	1	553	222	67	26	315
Greater than 1.00 percent sulfur	112	–	112	414	46	114	574
Petrochemical Feedstocks	–	17	17	843	–	–	843
Naphtha for Petro. Feed. Use	–	–	–	498	–	–	498
Other Oils for Petro. Feed. Use	–	17	17	345	–	–	345
Special Naphthas	–	18	18	-40	–	12	-28
Lubricants	185	172	357	–	–	121	121
Waxes	–	-20	-20	–	–	25	25
Petroleum Coke	614	19	633	4,141	566	808	5,515
Marketable	236	–	236	3,040	412	587	4,039
Catalyst	378	19	397	1,101	154	221	1,476
Asphalt and Road Oil	412	712	1,124	2,928	1,660	370	4,958
Still Gas	742	52	794	2,966	470	822	4,258
Miscellaneous Products	50	7	57	341	65	54	460
Total	**11,838**	**2,842**	**14,680**	**47,971**	**9,783**	**14,937**	**72,691**
Processing Gain(-) or Loss(+)[1]	-895	38	-857	-4,931	-867	-1,028	-6,826

See footnotes at end of table.

Table 31. Refinery Net Production of Finished 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			
Hydrocarbon Gas Liquids	830	7,084	4,707	48	28	12,697	354	1,645	18,391
Natural Gas Liquids	512	4,347	2,387	18	28	7,292	213	1,534	11,133
Ethane	6	124	36	–	–	166	–	–	166
Propane	265	2,438	1,784	14	25	4,526	232	924	8,224
Normal Butane	251	2,246	443	4	3	2,947	-30	540	3,472
Isobutane	-10	-461	124	–	–	-347	11	70	-729
Natural Gasoline	– –	– –	– –	– –	– –	– –	– –	– –	– –
Refinery Olefins	318	2,737	2,320	30	–	5,405	141	111	7,258
Ethylene	–	4	–	–	–	4	–	–	17
Propylene	324	3,077	2,340	30	–	5,771	27	161	7,361
Normal Butylene	-6	-344	-20	–	–	-370	114	-50	-137
Isobutylene	–	–	–	–	–	–	–	–	17
Finished Motor Gasoline	2,431	13,705	6,257	646	165	23,204	4,825	2,408	41,640
Reformulated	–	–	–	–	–	–	–	580	1,221
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–	580	1,221
Reformulated Other	–	–	–	–	–	–	–	–	–
Conventional	2,431	13,705	6,257	646	165	23,204	4,825	1,828	40,419
Conventional Blended with Fuel Ethanol	1,943	420	1,881	602	73	4,919	2,820	745	14,561
Ed55 and Lower	1,943	420	1,881	602	73	4,919	2,820	745	14,561
Greater than Ed55	–	–	–	–	–	–	–	–	–
Conventional Other	488	13,285	4,376	44	92	18,285	2,005	1,083	25,858
Finished Aviation Gasoline	99	54	160	–	–	313	3	46	363
Kerosene-Type Jet Fuel	1,507	14,866	10,583	140	–	27,096	1,024	13,618	52,396
Kerosene	-17	177	0	12	–	172	–	-2	267
Distillate Fuel Oil	5,818	45,887	29,011	2,884	1,033	84,633	6,692	14,253	146,526
15 ppm sulfur and under	5,837	44,775	25,322	2,764	1,033	79,731	6,709	13,505	141,205
Greater than 15 ppm to 500 ppm sulfur	-19	269	2,253	36	–	2,539	-7	350	2,806
Greater than 500 ppm sulfur	–	843	1,436	84	–	2,363	-10	398	2,515
Residual Fuel Oil	272	1,609	1,732	-25	-7	3,581	412	2,290	7,920
Less than 0.31 percent sulfur	248	–	563	–	–	811	198	53	1,145
0.31 to 1.00 percent sulfur	-2	722	226	-25	–	921	38	610	2,437
Greater than 1.00 percent sulfur	26	887	943	–	-7	1,849	176	1,627	4,338
Petrochemical Feedstocks	113	2,821	2,262	–	49	5,245	55	82	6,242
Naphtha for Petro. Feed. Use	103	2,226	1,434	–	–	3,763	–	–	4,261
Other Oils for Petro. Feed. Use	10	595	828	–	49	1,482	55	82	1,981
Special Naphthas	85	555	–	199	–	839	–	14	843
Lubricants	15	1,138	1,583	838	–	3,574	–	419	4,471
Waxes	–	19	57	19	–	95	–	–	100
Petroleum Coke	430	8,569	5,015	164	21	14,199	659	3,898	24,904
Marketable	208	6,933	3,866	147	–	11,154	439	2,966	18,834
Catalyst	222	1,636	1,149	17	21	3,045	220	932	6,070
Asphalt and Road Oil	179	393	343	1,058	46	2,019	1,174	878	10,153
Still Gas	660	6,048	3,672	334	72	10,786	623	3,685	20,146
Miscellaneous Products	132	972	453	18	9	1,584	59	371	2,531
Total	**12,554**	**103,897**	**65,835**	**6,335**	**1,416**	**190,037**	**15,880**	**43,605**	**336,893**
Processing Gain(-) or Loss(+)[1]	-668	-10,794	-6,992	-117	-66	-18,637	-704	-5,069	-32,093

– = 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."