Table 29. Refinery and Blender 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	88,340	6,832	95,172	48,679	10,104	15,370	74,153
Reformulated	34,947	33	34,980	7,848	1,415	687	9,950
Reformulated Blended with Fuel Ethanol	34,943	33	34,976	7,848	1,414	687	9,949
Reformulated Other	4	–	4	–	1	–	1
Conventional	53,393	6,799	60,192	40,831	8,689	14,683	64,203
Conventional Blended with Fuel Ethanol	54,118	6,804	60,922	38,304	8,840	13,623	60,767
Ed55 and Lower	54,034	6,804	60,838	38,279	8,792	13,478	60,549
Greater than Ed55	84	–	84	25	48	145	218
Conventional Other	-725	-5	-730	2,527	-151	1,060	3,436
Finished Aviation Gasoline	–	–	–	–	1	–	1
Kerosene-Type Jet Fuel	2,235	–	2,235	6,863	816	707	8,386
Kerosene	-13	2	-11	121	–	-16	105
Distillate Fuel Oil	6,183	808	6,991	21,642	4,221	8,774	34,637
15 ppm sulfur and under	6,335	804	7,139	21,695	4,246	8,844	34,785
Greater than 15 ppm to 500 ppm sulfur	15	–	15	–	–	37	37
Greater than 500 ppm sulfur	-167	4	-163	-53	-25	-107	-185
Residual Fuel Oil	646	3	649	717	113	140	970
Less than 0.31 percent sulfur	-8	2	-6	81	–	–	81
0.31 to 1.00 percent sulfur	552	1	553	222	67	26	315
Greater than 1.00 percent sulfur	102	–	102	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	422	712	1,134	2,928	1,661	374	4,963
Still Gas	742	52	794	2,966	470	822	4,258
Miscellaneous Products	50	7	57	341	65	54	460
Total	**99,815**	**8,648**	**108,463**	**91,810**	**18,115**	**27,742**	**137,667**
Processing Gain(-) or Loss(+)[1]	-899	38	-861	-4,933	-867	-1,028	-6,828

See footnotes at end of table.

Table 29. Refinery and Blender 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	21,130	25,884	9,149	9,281	1,475	66,919	11,184	43,296	290,724
Reformulated	7,389	7,067	–	–	–	14,456	293	30,214	89,893
Reformulated Blended with Fuel Ethanol	7,386	7,066	–	–	–	14,452	293	30,214	89,884
Reformulated Other	3	1	–	–	–	4	–	–	9
Conventional	13,741	18,817	9,149	9,281	1,475	52,463	10,891	13,082	200,831
Conventional Blended with Fuel Ethanol	13,295	1,512	4,759	9,703	1,448	30,717	8,916	13,718	175,040
Ed55 and Lower	13,289	1,511	4,759	9,682	1,447	30,688	8,886	13,698	174,659
Greater than Ed55	6	1	–	21	1	29	30	20	381
Conventional Other	446	17,305	4,390	-422	27	21,746	1,975	-636	25,791
Finished Aviation Gasoline	99	54	160	–	–	313	3	46	363
Kerosene-Type Jet Fuel	1,507	14,903	10,591	140	0	27,141	1,110	13,618	52,490
Kerosene	-17	141	0	12	–	136	–	-2	228
Distillate Fuel Oil	5,842	45,954	29,003	2,902	1,037	84,738	6,626	14,711	147,703
15 ppm sulfur and under	5,861	44,842	25,314	2,782	1,037	79,836	6,643	13,963	142,366
Greater than 15 ppm to 500 ppm sulfur	-19	269	2,253	36	–	2,539	-7	350	2,934
Greater than 500 ppm sulfur	–	843	1,436	84	–	2,363	-10	398	2,403
Residual Fuel Oil	272	1,609	1,732	-25	-7	3,581	412	2,290	7,902
Less than 0.31 percent sulfur	248	–	563	–	–	811	198	53	1,137
0.31 to 1.00 percent sulfur	-2	722	226	-25	–	921	38	608	2,435
Greater than 1.00 percent sulfur	26	887	943	–	-7	1,849	176	1,629	4,330
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	10,168
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	**31,277**	**116,144**	**68,727**	**14,988**	**2,730**	**233,866**	**22,259**	**84,951**	**587,206**
Processing Gain(-) or Loss(+)[1]	-668	-10,793	-6,992	-118	-67	-18,638	-705	-5,081	-32,113

– = 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) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."