Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2021
(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	308	-20	288	994	-332	-102	560
Natural Gas Liquids	-112	-20	-132	39	-480	-349	-790
Ethane	–	–	–	–	–	–	–
Propane	395	22	417	1,590	282	481	2,353
Normal Butane	-490	-30	-520	-1,431	-699	-817	-2,947
Isobutane	-17	-12	-29	-120	-63	-13	-196
Natural Gasoline	–	–	–	–	–	–	–
Refinery Olefins	420	–	420	955	148	247	1,350
Ethylene	19	–	19	–	–	–	–
Propylene	426	–	426	1,019	148	247	1,414
Normal Butylene	-37	–	-37	-64	–	–	-64
Isobutylene	12	–	12	–	–	–	–
Finished Motor Gasoline	704	1,091	1,795	4,391	1,945	2,806	9,142
Reformulated	704	–	704	–	–	1	1
Reformulated Blended with Fuel Ethanol	704	–	704	–	–	1	1
Reformulated Other	–	–	–	–	–	–	–
Conventional	–	1,091	1,091	4,391	1,945	2,805	9,141
Conventional Blended with Fuel Ethanol	–	1,161	1,161	1,864	1,653	1,398	4,915
Ed55 and Lower	–	1,161	1,161	1,864	1,653	1,398	4,915
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	–	-70	-70	2,527	292	1,407	4,226
Finished Aviation Gasoline	–	–	–	–	30	–	30
Kerosene-Type Jet Fuel	2,362	–	2,362	6,553	844	1,004	8,401
Kerosene	-51	5	-46	168	–	98	266
Distillate Fuel Oil	5,614	707	6,321	19,998	5,363	10,653	36,014
15 ppm sulfur and under	5,881	698	6,579	20,006	5,416	10,707	36,129
Greater than 15 ppm to 500 ppm sulfur	-51	-12	-63	–	–	-43	-43
Greater than 500 ppm sulfur	-216	21	-195	-8	-53	-11	-72
Residual Fuel Oil	1,287	2	1,289	927	187	145	1,259
Less than 0.31 percent sulfur	–	2	2	115	–	–	115
0.31 to 1.00 percent sulfur	941	–	941	405	105	26	536
Greater than 1.00 percent sulfur	346	–	346	407	82	119	608
Petrochemical Feedstocks	–	–	–	879	–	36	915
Naphtha for Petro. Feed. Use	–	–	–	493	–	–	493
Other Oils for Petro. Feed. Use	–	–	–	386	–	36	422
Special Naphthas	–	2	2	-50	–	18	-32
Lubricants	214	207	421	–	–	205	205
Waxes	–	-15	-15	–	–	37	37
Petroleum Coke	672	18	690	4,572	953	1,025	6,550
Marketable	238	–	238	3,393	774	772	4,939
Catalyst	434	18	452	1,179	179	253	1,611
Asphalt and Road Oil	304	693	997	2,975	1,310	206	4,491
Still Gas	812	46	858	2,773	646	1,106	4,525
Miscellaneous Products	56	58	114	358	127	56	541
Total	**12,282**	**2,794**	**15,076**	**44,538**	**11,073**	**17,293**	**72,904**
Processing Gain(-) or Loss(+)[1]	-1,512	50	-1,462	-5,285	-1,340	-1,488	-8,113

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2021
(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	473	5,481	4,930	-59	-4	10,821	168	205	12,042
Natural Gas Liquids	77	1,497	2,325	-90	-4	3,805	101	-19	2,965
Ethane	7	105	64	–	–	176	–	–	176
Propane	302	2,607	2,216	16	29	5,170	243	946	9,129
Normal Butane	-234	-860	-94	-106	-33	-1,327	-146	-1,094	-6,034
Isobutane	2	-355	139	–	–	-214	4	129	-306
Natural Gasoline	–	–	–	–	–	–	–	–	–
Refinery Olefins	396	3,984	2,605	31	–	7,016	67	224	9,077
Ethylene	–	10	–	–	–	10	–	–	29
Propylene	444	4,146	2,723	31	–	7,344	48	212	9,444
Normal Butylene	-48	-127	-118	–	–	-293	19	12	-363
Isobutylene	–	-45	–	–	–	-45	–	–	-33
Finished Motor Gasoline	2,504	15,083	11,187	535	155	29,464	4,607	2,717	47,725
Reformulated	–	–	–	–	–	–	–	623	1,328
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–	623	1,328
Reformulated Other	–	–	–	–	–	–	–	–	–
Conventional	2,504	15,083	11,187	535	155	29,464	4,607	2,094	46,397
Conventional Blended with Fuel Ethanol	1,920	469	1,931	394	71	4,785	2,600	645	14,106
Ed55 and Lower	1,920	469	1,931	394	71	4,785	2,600	645	14,106
Greater than Ed55	–	–	–	–	–	–	–	–	–
Conventional Other	584	14,614	9,256	141	84	24,679	2,007	1,449	32,291
Finished Aviation Gasoline	61	141	59	–	–	261	3	107	401
Kerosene-Type Jet Fuel	1,522	11,993	9,724	133	–	23,372	916	11,791	46,842
Kerosene	0	81	0	16	–	97	–	0	317
Distillate Fuel Oil	6,642	44,379	33,679	2,920	1,026	88,646	6,170	14,442	151,593
15 ppm sulfur and under	6,649	43,254	29,283	2,853	1,026	83,065	6,077	13,741	145,591
Greater than 15 ppm to 500 ppm sulfur	-7	217	1,313	89	–	1,612	57	508	2,071
Greater than 500 ppm sulfur	–	908	3,083	-22	–	3,969	36	193	3,931
Residual Fuel Oil	259	650	569	-11	104	1,571	347	2,135	6,601
Less than 0.31 percent sulfur	233	–	571	–	–	804	207	61	1,189
0.31 to 1.00 percent sulfur	7	381	390	-11	–	767	24	572	2,840
Greater than 1.00 percent sulfur	19	269	-392	–	104	0	116	1,502	2,572
Petrochemical Feedstocks	134	5,071	2,310	2	–	7,517	–	–	8,432
Naphtha for Petro. Feed. Use	124	3,645	1,303	2	–	5,074	–	–	5,567
Other Oils for Petro. Feed. Use	10	1,426	1,007	–	–	2,443	–	–	2,865
Special Naphthas	84	631	–	156	–	871	–	21	862
Lubricants	16	1,748	1,622	752	–	4,138	–	531	5,295
Waxes	–	54	60	23	–	137	–	–	159
Petroleum Coke	479	7,858	5,240	164	20	13,761	680	3,940	25,621
Marketable	227	5,858	4,191	147	–	10,423	467	3,066	19,133
Catalyst	252	2,000	1,049	17	20	3,338	213	874	6,488
Asphalt and Road Oil	207	108	589	1,079	43	2,026	1,059	761	9,334
Still Gas	833	6,410	3,511	297	65	11,116	659	3,603	20,761
Miscellaneous Products	153	957	482	18	38	1,648	135	402	2,840
Total	**13,367**	**100,645**	**73,962**	**6,025**	**1,447**	**195,446**	**14,744**	**40,655**	**338,825**
Processing Gain(-) or Loss(+)[1]	-921	-8,719	-7,427	-249	-66	-17,382	-822	-5,792	-33,571

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