

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, 2019
(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	11,455	152	11,607	33,946	2,730	4,184	40,860
Natural Gas Liquids	6,646	152	6,798	22,682	1,182	1,528	25,392
Ethane	-	-	-	-	-	-	-
Propane	5,899	311	6,210	18,399	3,210	5,216	26,825
Normal Butane	751	20	771	4,485	-1,730	-3,136	-381
Isobutane	-4	-179	-183	-202	-298	-552	-1,052
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	4,809	-	4,809	11,264	1,548	2,656	15,468
Ethylene	127	-	127	-	-	-	-
Propylene	4,930	-	4,930	10,521	1,548	2,569	14,638
Butylene	-517	-	-517	743	-	42	785
Isobutylene	269	-	269	-	-	45	45
Finished Motor Gasoline	9,463	14,548	24,011	80,426	25,475	31,869	137,770
Reformulated	9,463	-	9,463	-	-	-	-
Reformulated Blended with Fuel Ethanol	9,463	-	9,463	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	14,548	14,548	80,426	25,475	31,869	137,770
Conventional Blended with Fuel Ethanol	-	13,718	13,718	20,529	18,465	14,061	53,055
Ed55 and Lower	-	13,718	13,718	20,529	18,465	14,061	53,055
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	830	830	59,897	7,010	17,808	84,715
Finished Aviation Gasoline	-	-	-	-	380	-	380
Kerosene-Type Jet Fuel	36,146	-	36,146	77,376	11,337	11,178	99,891
Kerosene	829	29	858	1,542	-	401	1,943
Distillate Fuel Oil	87,863	9,487	97,350	232,302	58,922	121,044	412,268
15 ppm sulfur and under	84,449	8,153	92,602	232,511	58,916	120,917	412,344
Greater than 15 ppm to 500 ppm sulfur	668	988	1,656	-168	-	91	-77
Greater than 500 ppm sulfur	2,746	346	3,092	-41	6	36	1
Residual Fuel Oil	12,419	66	12,485	12,731	2,279	1,275	16,285
Less than 0.31 percent sulfur	2,152	55	2,207	825	-	1	826
0.31 to 1.00 percent sulfur	5,481	11	5,492	1,452	1,034	-	2,486
Greater than 1.00 percent sulfur	4,786	-	4,786	10,454	1,245	1,274	12,973
Petrochemical Feedstocks	390	-	390	11,040	-	393	11,433
Naphtha for Petro. Feed. Use	390	-	390	7,351	-	-	7,351
Other Oils for Petro. Feed. Use	-	-	-	3,689	-	393	4,082
Special Naphthas	-	228	228	-502	-	336	-166
Lubricants	2,332	2,319	4,651	-	-	2,089	2,089
Waxes	-	115	115	-	-	322	322
Petroleum Coke	9,622	230	9,852	45,397	10,016	10,057	65,470
Marketable	3,432	-	3,432	32,859	8,124	7,535	48,518
Catalyst	6,190	230	6,420	12,538	1,892	2,522	16,952
Asphalt and Road Oil	5,147	7,723	12,870	34,284	13,303	3,080	50,667
Still Gas	13,720	608	14,328	31,813	7,260	12,455	51,528
Miscellaneous Products	642	286	928	3,682	1,307	562	5,551
Total	190,028	35,791	225,819	564,037	133,009	199,245	896,291
Processing Gain(-) or Loss(+) ¹	-17,122	343	-16,779	-52,512	-13,951	-14,024	-80,487

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, 2019
(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	9,409	73,523	65,549	218	457	149,156	3,539	15,960	221,122
Natural Gas Liquids	4,818	33,559	31,099	-27	431	69,880	2,909	14,859	119,838
Ethane	42	1,505	259	-	-	1,806	-	-	1,806
Propane	3,455	27,043	25,338	99	487	56,422	3,153	12,474	105,084
Normal Butane	1,218	12,003	3,813	-126	-43	16,865	-7	1,030	18,278
Isobutane	103	-6,992	1,689	-	-13	-5,213	-237	1,355	-5,330
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	4,591	39,964	34,450	245	26	79,276	630	1,101	101,284
Ethylene	-	-	-	-	-	-	-	-	127
Propylene	4,578	41,122	35,612	245	-	81,557	44	1,835	103,004
Butylene	13	-739	-1,168	-	26	-1,868	607	-734	-1,727
Isobutylene	-	-419	6	-	-	-413	-21	-	-120
Finished Motor Gasoline	29,752	154,412	142,776	5,753	6,925	339,618	56,228	32,811	590,438
Reformulated	-	-	-	-	-	-	-	6,854	16,317
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	6,854	16,317
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	29,752	154,412	142,776	5,753	6,925	339,618	56,228	25,957	574,121
Conventional Blended with Fuel Ethanol	26,479	5,781	22,244	5,151	5,343	64,998	33,834	3,930	169,535
Ed55 and Lower	26,455	5,781	22,244	5,151	5,343	64,974	33,834	3,930	169,511
Greater than Ed55	24	-	-	-	-	24	-	-	24
Conventional Other	3,273	148,631	120,532	602	1,582	274,620	22,394	22,027	404,586
Finished Aviation Gasoline	962	1,213	1,481	-	-	3,656	61	385	4,482
Kerosene-Type Jet Fuel	17,799	169,797	153,449	2,142	-	343,187	11,451	165,119	655,794
Kerosene	29	567	59	194	-	849	1	4	3,655
Distillate Fuel Oil	80,108	501,059	441,641	26,841	18,334	1,067,983	77,889	206,579	1,862,069
15 ppm sulfur and under	80,111	473,187	362,805	25,245	18,334	959,682	77,268	197,116	1,739,012
Greater than 15 ppm to 500 ppm sulfur	-3	3,813	34,748	1,266	-	39,824	621	3,657	45,681
Greater than 500 ppm sulfur	-	24,059	44,088	330	-	68,477	0	5,806	77,376
Residual Fuel Oil	4,101	15,653	36,155	-180	1,245	56,974	4,514	41,041	131,299
Less than 0.31 percent sulfur	2,983	285	11,468	-	-	14,736	2,223	-	19,992
0.31 to 1.00 percent sulfur	-	860	5,192	-180	-	5,872	427	3,584	17,861
Greater than 1.00 percent sulfur	1,118	14,508	19,495	-	1,245	36,366	1,864	37,457	93,446
Petrochemical Feedstocks	1,582	61,914	34,052	3	-	97,551	-	24	109,398
Naphtha for Petro. Feed. Use	1,431	41,843	19,235	3	-	62,512	-	24	70,277
Other Oils for Petro. Feed. Use	151	20,071	14,817	-	-	35,039	-	-	39,121
Special Naphthas	789	7,724	-	2,611	-	11,124	-	347	11,533
Lubricants	281	18,442	18,905	10,420	-	48,048	-	6,089	60,877
Waxes	-	468	440	252	-	1,160	-	-	1,597
Petroleum Coke	4,647	95,385	66,889	1,730	389	169,040	9,193	54,489	308,044
Marketable	1,953	72,001	51,266	1,586	-	126,806	6,465	42,282	227,503
Catalyst	2,694	23,384	15,623	144	389	42,234	2,728	12,207	80,541
Asphalt and Road Oil	2,609	5,724	8,533	10,687	615	28,168	14,107	9,552	115,364
Still Gas	7,829	66,351	50,017	2,710	1,169	128,076	8,122	41,858	243,912
Miscellaneous Products	1,310	10,905	6,314	201	321	19,051	1,264	4,946	31,740
Total	161,207	1,183,137	1,026,260	63,582	29,455	2,463,641	186,369	579,204	4,351,324
Processing Gain(-) or Loss(+) ¹	-10,894	-118,448	-88,825	866	-675	-217,976	-9,649	-65,211	-390,102

- = 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."