

Table 17. Refinery and Blender 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	1,105,862	89,654	1,195,516	620,341	130,718	198,327	949,386
Reformulated	471,396	1,835	473,231	99,262	18,655	13,165	131,082
Reformulated Blended with Fuel Ethanol	471,396	1,835	473,231	99,262	18,655	13,165	131,082
Reformulated Other	-	-	-	-	-	-	-
Conventional	634,466	87,819	722,285	521,079	112,063	185,162	818,304
Conventional Blended with Fuel Ethanol	663,499	87,244	750,743	480,449	113,674	170,652	764,775
Ed55 and Lower	662,926	87,244	750,170	480,310	113,315	169,814	763,439
Greater than Ed55	573	-	573	139	359	838	1,336
Conventional Other	-29,033	575	-28,458	40,630	-1,611	14,510	53,529
Finished Aviation Gasoline	-	-	-	-	380	-	380
Kerosene-Type Jet Fuel	35,715	-3	35,712	77,032	11,333	11,178	99,543
Kerosene	801	27	828	1,534	-	401	1,935
Distillate Fuel Oil	91,622	10,015	101,637	234,376	60,321	121,614	416,311
15 ppm sulfur and under	87,807	8,681	96,488	234,585	60,315	121,482	416,382
Greater than 15 ppm to 500 ppm sulfur	1,453	988	2,441	-168	-	1,177	1,009
Greater than 500 ppm sulfur	2,362	346	2,708	-41	6	-1,045	-1,080
Residual Fuel Oil	12,155	66	12,221	12,731	2,279	1,275	16,285
Less than 0.31 percent sulfur	1,808	55	1,863	825	-	1	826
0.31 to 1.00 percent sulfur	5,517	11	5,528	1,452	1,034	-	2,486
Greater than 1.00 percent sulfur	4,830	-	4,830	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	35,246	13,308	3,095	51,649
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	1,289,463	111,420	1,400,883	1,106,636	239,652	366,288	1,712,576
Processing Gain(-) or Loss(+) ¹	-17,151	336	-16,815	-52,500	-13,949	-14,023	-80,472

See footnotes at end of table.

Table 17. Refinery and Blender 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	244,077	296,451	180,557	111,608	20,887	853,580	113,559	572,696	3,684,737
Reformulated	89,885	78,828	-	-	-	168,713	-	403,426	1,176,452
Reformulated Blended with Fuel Ethanol	89,885	78,828	-	-	-	168,713	-	403,426	1,176,452
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	154,192	217,623	180,557	111,608	20,887	684,867	113,559	169,270	2,508,285
Conventional Blended with Fuel Ethanol	153,472	19,460	59,803	120,260	19,779	372,774	108,163	166,961	2,163,416
Ed55 and Lower	153,224	19,460	59,803	120,095	19,777	372,359	108,011	166,830	2,160,809
Greater than Ed55	248	-	-	165	2	415	152	131	2,607
Conventional Other	720	198,163	120,754	-8,652	1,108	312,093	5,396	2,309	344,869
Finished Aviation Gasoline	962	1,213	1,481	-	-	3,656	61	385	4,482
Kerosene-Type Jet Fuel	17,799	169,804	153,566	2,139	2	343,310	12,202	164,951	655,718
Kerosene	29	535	84	194	-	842	1	103	3,709
Distillate Fuel Oil	80,684	501,347	441,391	27,428	18,505	1,069,355	77,288	210,424	1,875,015
15 ppm sulfur and under	80,687	474,705	362,662	25,832	18,505	962,391	76,667	200,812	1,752,740
Greater than 15 ppm to 500 ppm sulfur	-3	2,926	34,706	1,266	-	38,895	621	3,657	46,623
Greater than 500 ppm sulfur	-	23,716	44,023	330	-	68,069	0	5,955	75,652
Residual Fuel Oil	4,101	16,089	36,447	-180	1,245	57,702	4,514	41,111	131,833
Less than 0.31 percent sulfur	2,983	274	11,611	-	-	14,868	2,223	70	19,850
0.31 to 1.00 percent sulfur	-	811	5,209	-180	-	5,840	427	3,584	17,865
Greater than 1.00 percent sulfur	1,118	15,004	19,627	-	1,245	36,994	1,864	37,457	94,118
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	8,850	10,687	615	28,485	14,107	9,552	116,663
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	376,108	1,325,875	1,064,542	170,021	43,590	2,980,136	243,850	1,122,935	7,460,380
Processing Gain(-) or Loss(+) ¹	-10,890	-118,479	-88,822	868	-676	-217,999	-9,643	-65,201	-390,130

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