Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 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	560	-42	518	467	-369	-37	61
Natural Gas Liquids	88	-42	46	-419	-524	-250	-1,193
Ethane	–	–	–	–	–	–	–
Propane	480	24	504	1,494	273	373	2,140
Normal Butane	-356	-47	-403	-1,885	-749	-584	-3,218
Isobutane	-36	-19	-55	-28	-48	-39	-115
Natural Gasoline	–	–	–	–	–	–	–
Refinery Olefins	472	–	472	886	155	213	1,254
Ethylene	12	–	12	–	–	–	–
Propylene	490	–	490	897	155	215	1,267
Normal Butylene	-30	–	-30	-11	–	-2	-13
Isobutylene	–	–	–	–	–	–	–
Finished Motor Gasoline	676	1,204	1,880	7,004	2,538	2,734	12,276
Reformulated	676	–	676	–	–	–	–
Reformulated Blended with Fuel Ethanol	676	–	676	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	–	1,204	1,204	7,004	2,538	2,734	12,276
Conventional Blended with Fuel Ethanol	–	1,145	1,145	1,723	1,810	1,155	4,688
Ed55 and Lower	–	1,145	1,145	1,723	1,810	1,155	4,688
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	–	59	59	5,281	728	1,579	7,588
Finished Aviation Gasoline	–	–	–	–	22	–	22
Kerosene-Type Jet Fuel	3,060	–	3,060	6,326	883	1,043	8,252
Kerosene	135	7	142	271	–	105	376
Distillate Fuel Oil	6,596	689	7,285	19,134	5,318	9,946	34,398
15 ppm sulfur and under	6,640	595	7,235	18,927	5,318	9,894	34,139
Greater than 15 ppm to 500 ppm sulfur	5	51	56	–	–	32	32
Greater than 500 ppm sulfur	-49	43	-6	207	–	20	227
Residual Fuel Oil	675	11	686	1,453	235	89	1,777
Less than 0.31 percent sulfur	1	10	11	76	–	–	76
0.31 to 1.00 percent sulfur	408	1	409	161	156	–	317
Greater than 1.00 percent sulfur	266	–	266	1,216	79	89	1,384
Petrochemical Feedstocks	–	–	–	957	–	31	988
Naphtha for Petro. Feed. Use	–	–	–	614	–	–	614
Other Oils for Petro. Feed. Use	–	–	–	343	–	31	374
Special Naphthas	–	20	20	-29	–	36	7
Lubricants	195	209	404	–	–	2	2
Waxes	–	15	15	–	–	-1	-1
Petroleum Coke	858	18	876	4,173	951	793	5,917
Marketable	363	–	363	3,112	784	597	4,493
Catalyst	495	18	513	1,061	167	196	1,424
Asphalt and Road Oil	388	618	1,006	2,261	1,061	197	3,519
Still Gas	984	46	1,030	2,536	614	1,045	4,195
Miscellaneous Products	59	23	82	333	152	41	526
Total	**14,186**	**2,818**	**17,004**	**44,886**	**11,405**	**16,024**	**72,315**
Processing Gain(-) or Loss(+)[1]	-1,458	0	-1,458	-5,174	-1,178	-1,331	-7,683

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 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	476	3,603	3,914	-17	-15	7,961	94	-465	8,169
Natural Gas Liquids	63	286	1,317	-54	-17	1,595	61	-627	-118
Ethane	1	128	25	–	–	154	–	–	154
Propane	263	2,227	2,274	9	38	4,811	276	1,087	8,818
Normal Butane	-264	-1,384	-1,007	-63	-54	-2,772	-171	-1,858	-8,422
Isobutane	63	-685	25	–	-1	-598	-44	144	-668
Natural Gasoline	–	–	–	–	–	–	–	–	–
Refinery Olefins	413	3,317	2,597	37	2	6,366	33	162	8,287
Ethylene	–	–	–	–	–	–	–	–	12
Propylene	422	3,537	2,690	37	–	6,686	1	170	8,614
Normal Butylene	-9	-184	-93	–	2	-284	32	-8	-303
Isobutylene	–	-36	–	–	–	-36	–	–	-36
Finished Motor Gasoline	2,393	14,165	14,963	547	501	32,569	4,466	2,463	53,654
Reformulated	–	–	–	–	–	–	–	579	1,255
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–	579	1,255
Reformulated Other	–	–	–	–	–	–	–	–	–
Conventional	2,393	14,165	14,963	547	501	32,569	4,466	1,884	52,399
Conventional Blended with Fuel Ethanol	2,186	441	1,850	499	446	5,422	2,630	338	14,223
Ed55 and Lower	2,184	441	1,850	499	446	5,420	2,630	338	14,221
Greater than Ed55	2	–	–	–	–	2	–	–	2
Conventional Other	207	13,724	13,113	48	55	27,147	1,836	1,546	38,176
Finished Aviation Gasoline	64	121	74	–	–	259	5	97	383
Kerosene-Type Jet Fuel	1,465	14,241	13,442	151	–	29,299	820	13,586	55,017
Kerosene	14	102	-15	32	–	133	–	0	651
Distillate Fuel Oil	7,188	43,333	35,705	2,601	1,378	90,205	6,264	17,423	155,575
15 ppm sulfur and under	7,193	40,734	28,648	2,484	1,378	80,437	6,183	16,649	144,643
Greater than 15 ppm to 500 ppm sulfur	-5	338	2,998	120	–	3,451	28	260	3,827
Greater than 500 ppm sulfur	–	2,261	4,059	-3	–	6,317	53	514	7,105
Residual Fuel Oil	355	1,114	2,424	3	78	3,974	382	2,432	9,251
Less than 0.31 percent sulfur	278	–	878	–	–	1,156	187	–	1,430
0.31 to 1.00 percent sulfur	–	85	259	3	–	347	40	446	1,559
Greater than 1.00 percent sulfur	77	1,029	1,287	–	78	2,471	155	1,986	6,262
Petrochemical Feedstocks	128	4,589	2,977	1	–	7,695	–	1	8,684
Naphtha for Petro. Feed. Use	118	2,748	1,637	1	–	4,504	–	1	5,119
Other Oils for Petro. Feed. Use	10	1,841	1,340	–	–	3,191	–	–	3,565
Special Naphthas	67	719	–	231	–	1,017	–	34	1,078
Lubricants	19	1,522	1,535	799	–	3,875	–	513	4,794
Waxes	–	37	33	12	–	82	–	–	96
Petroleum Coke	359	7,625	5,846	170	31	14,031	775	4,597	26,196
Marketable	128	5,571	4,461	154	–	10,314	549	3,573	19,292
Catalyst	231	2,054	1,385	16	31	3,717	226	1,024	6,904
Asphalt and Road Oil	205	29	731	1,045	65	2,075	1,075	801	8,476
Still Gas	681	6,035	4,058	240	99	11,113	627	3,271	20,236
Miscellaneous Products	108	915	522	19	37	1,601	89	412	2,710
Total	**13,522**	**98,150**	**86,209**	**5,834**	**2,174**	**205,889**	**14,597**	**45,165**	**354,970**
Processing Gain(-) or Loss(+)[1]	-747	-10,082	-7,576	-112	-81	-18,598	-847	-5,476	-34,062

– = 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."