Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2018
(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	953	-50	903	851	-262	-12	577
Natural Gas Liquids	480	-50	430	-164	-416	-292	-872
Ethane	–	–	–	–	–	–	–
Propane	580	23	603	1,515	269	380	2,164
Normal Butane	-121	-54	-175	-1,668	-660	-627	-2,955
Isobutane	21	-19	2	-11	-25	-45	-81
Natural Gasoline	–	–	–	–	–	–	–
Refinery Olefins	473	–	473	1,015	154	280	1,449
Ethylene	16	–	16	–	–	–	–
Propylene	467	–	467	887	154	274	1,315
Normal Butylene	-34	–	-34	128	–	5	133
Isobutylene	24	–	24	–	–	1	1
Finished Motor Gasoline	672	1,264	1,936	6,439	1,486	2,493	10,418
Reformulated	672	–	672	–	–	–	–
Reformulated Blended with Fuel Ethanol	672	–	672	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	–	1,264	1,264	6,439	1,486	2,493	10,418
Conventional Blended with Fuel Ethanol	–	1,196	1,196	1,682	1,084	1,072	3,838
Ed55 and Lower	–	1,196	1,196	1,682	1,084	1,072	3,838
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	–	68	68	4,757	402	1,421	6,580
Finished Aviation Gasoline	–	–	–	–	18	–	18
Kerosene-Type Jet Fuel	1,925	–	1,925	6,629	859	919	8,407
Kerosene	106	3	109	108	–	16	124
Distillate Fuel Oil	9,224	862	10,086	20,151	5,275	9,459	34,885
15 ppm sulfur and under	8,597	748	9,345	20,111	5,367	9,575	35,053
Greater than 15 ppm to 500 ppm sulfur	6	79	85	–	–	7	7
Greater than 500 ppm sulfur	621	35	656	40	-92	-123	-175
Residual Fuel Oil	1,243	–	1,243	1,162	154	114	1,430
Less than 0.31 percent sulfur	505	–	505	49	–	–	49
0.31 to 1.00 percent sulfur	336	–	336	134	68	–	202
Greater than 1.00 percent sulfur	402	–	402	979	86	114	1,179
Petrochemical Feedstocks	104	–	104	856	–	35	891
Naphtha for Petro. Feed. Use	104	–	104	637	–	–	637
Other Oils for Petro. Feed. Use	–	–	–	219	–	35	254
Special Naphthas	–	18	18	54	–	23	77
Lubricants	218	192	410	–	–	221	221
Waxes	–	26	26	–	–	36	36
Petroleum Coke	1,048	21	1,069	3,798	898	911	5,607
Marketable	420	–	420	2,734	735	714	4,183
Catalyst	628	21	649	1,064	163	197	1,424
Asphalt and Road Oil	414	695	1,109	3,087	1,235	259	4,581
Still Gas	1,179	48	1,227	2,711	628	1,011	4,350
Miscellaneous Products	68	32	100	301	119	48	468
Total	**17,154**	**3,111**	**20,265**	**46,147**	**10,410**	**15,533**	**72,090**
Processing Gain(-) or Loss(+)[1]	-1,564	57	-1,507	-4,770	-1,264	-1,289	-7,323

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2018
(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	440	4,866	5,231	-43	-8	10,486	22	-134	11,854
Natural Gas Liquids	-49	1,366	1,759	-76	-8	2,992	3	-313	2,240
Ethane	0	191	20	–	–	211	–	–	211
Propane	297	2,267	2,299	9	51	4,923	196	929	8,815
Normal Butane	-182	-714	-621	-85	-58	-1,660	-207	-1,269	-6,266
Isobutane	-164	-378	61	–	-1	-482	14	27	-520
Natural Gasoline	–	–	–	–	–	–	–	–	–
Refinery Olefins	489	3,500	3,472	33	–	7,494	19	179	9,614
Ethylene	–	–	–	–	–	–	–	–	16
Propylene	490	3,528	3,372	33	–	7,423	-2	230	9,433
Normal Butylene	-1	7	100	–	–	106	21	-51	175
Isobutylene	–	-35	–	–	–	-35	–	–	-10
Finished Motor Gasoline	3,150	14,623	14,066	387	1,004	33,230	4,525	2,866	52,975
Reformulated	–	–	–	–	–	–	–	613	1,285
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–	613	1,285
Reformulated Other	–	–	–	–	–	–	–	–	–
Conventional	3,150	14,623	14,066	387	1,004	33,230	4,525	2,253	51,690
Conventional Blended with Fuel Ethanol	2,043	471	1,712	300	556	5,082	2,856	304	13,276
Ed55 and Lower	2,038	471	1,712	300	556	5,077	2,856	304	13,271
Greater than Ed55	5	–	–	–	–	5	–	–	5
Conventional Other	1,107	14,152	12,354	87	448	28,148	1,669	1,949	38,414
Finished Aviation Gasoline	97	87	52	–	–	236	5	90	349
Kerosene-Type Jet Fuel	1,205	13,423	13,080	34	–	27,742	789	14,208	53,071
Kerosene	22	1	71	44	–	138	–	-2	369
Distillate Fuel Oil	5,832	46,751	33,959	2,350	1,681	90,573	5,994	18,062	159,600
15 ppm sulfur and under	5,811	44,857	27,454	2,239	1,681	82,042	5,915	17,171	149,526
Greater than 15 ppm to 500 ppm sulfur	21	326	2,752	126	–	3,225	36	297	3,650
Greater than 500 ppm sulfur	–	1,568	3,753	-15	–	5,306	43	594	6,424
Residual Fuel Oil	248	1,836	4,696	-19	137	6,898	408	3,487	13,466
Less than 0.31 percent sulfur	125	31	921	–	–	1,077	231	–	1,862
0.31 to 1.00 percent sulfur	–	132	351	-19	18	482	28	664	1,712
Greater than 1.00 percent sulfur	123	1,673	3,424	–	119	5,339	149	2,823	9,892
Petrochemical Feedstocks	135	5,361	3,261	2	–	8,759	–	2	9,756
Naphtha for Petro. Feed. Use	121	3,879	1,759	2	–	5,761	–	2	6,504
Other Oils for Petro. Feed. Use	14	1,482	1,502	–	–	2,998	–	–	3,252
Special Naphthas	94	696	–	183	–	973	–	42	1,110
Lubricants	25	1,713	1,507	812	–	4,057	–	507	5,195
Waxes	–	44	19	21	–	84	–	–	146
Petroleum Coke	420	8,320	5,841	114	37	14,732	724	4,586	26,718
Marketable	182	6,391	4,472	102	–	11,147	528	3,455	19,733
Catalyst	238	1,929	1,369	12	37	3,585	196	1,131	6,985
Asphalt and Road Oil	182	461	547	761	-6	1,945	1,295	856	9,786
Still Gas	690	5,779	4,182	196	81	10,928	618	3,449	20,572
Miscellaneous Products	127	1,039	559	17	41	1,783	91	427	2,869
Total	**12,667**	**105,000**	**87,071**	**4,859**	**2,967**	**212,564**	**14,471**	**48,446**	**367,836**
Processing Gain(-) or Loss(+)[1]	-1,146	-10,212	-7,947	-16	-171	-19,492	-736	-5,684	-34,742

– = 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."