Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 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	726	-52	674	1,068	-219	-343	506
Natural Gas Liquids	316	-52	264	39	-374	-592	-927
Ethane	–	–	–	–	–	–	–
Propane	577	24	601	1,633	278	443	2,354
Normal Butane	-215	-62	-277	-1,551	-617	-992	-3,160
Isobutane	-46	-14	-60	-43	-35	-43	-121
Natural Gasoline	–	–	–	–	–	–	–
Refinery Olefins	410	–	410	1,029	155	249	1,433
Ethylene	14	–	14	–	–	–	–
Propylene	438	–	438	1,023	155	238	1,416
Normal Butylene	-49	–	-49	6	–	1	7
Isobutylene	7	–	7	–	–	10	10
Finished Motor Gasoline	654	1,314	1,968	6,557	1,323	2,825	10,705
Reformulated	654	–	654	–	–	–	–
Reformulated Blended with Fuel Ethanol	654	–	654	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	–	1,314	1,314	6,557	1,323	2,825	10,705
Conventional Blended with Fuel Ethanol	–	1,247	1,247	1,761	1,023	1,095	3,879
Ed55 and Lower	–	1,247	1,247	1,761	1,023	1,095	3,879
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	–	67	67	4,796	300	1,730	6,826
Finished Aviation Gasoline	–	–	–	–	25	–	25
Kerosene-Type Jet Fuel	2,935	–	2,935	6,956	835	1,012	8,803
Kerosene	-68	4	-64	310	–	148	458
Distillate Fuel Oil	9,673	867	10,540	22,494	5,447	10,981	38,922
15 ppm sulfur and under	8,583	768	9,351	22,614	5,475	11,053	39,142
Greater than 15 ppm to 500 ppm sulfur	–	62	62	–	–	-43	-43
Greater than 500 ppm sulfur	1,090	37	1,127	-120	-28	-29	-177
Residual Fuel Oil	1,573	1	1,574	1,584	134	108	1,826
Less than 0.31 percent sulfur	646	1	647	81	–	–	81
0.31 to 1.00 percent sulfur	266	–	266	144	77	–	221
Greater than 1.00 percent sulfur	661	–	661	1,359	57	108	1,524
Petrochemical Feedstocks	56	–	56	888	–	18	906
Naphtha for Petro. Feed. Use	56	–	56	650	–	–	650
Other Oils for Petro. Feed. Use	–	–	–	238	–	18	256
Special Naphthas	–	17	17	36	–	14	50
Lubricants	196	222	418	–	–	80	80
Waxes	–	21	21	–	–	4	4
Petroleum Coke	1,130	23	1,153	4,734	922	951	6,607
Marketable	396	–	396	3,563	754	733	5,050
Catalyst	734	23	757	1,171	168	218	1,557
Asphalt and Road Oil	144	662	806	1,499	1,210	231	2,940
Still Gas	1,356	54	1,410	3,008	657	1,050	4,715
Miscellaneous Products	64	28	92	344	128	63	535
Total	**18,439**	**3,161**	**21,600**	**49,478**	**10,462**	**17,142**	**77,082**
Processing Gain(-) or Loss(+)[1]	-1,830	38	-1,792	-5,496	-1,352	-1,319	-8,167

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 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	283	4,702	5,687	-65	9	10,616	-40	-218	11,538
Natural Gas Liquids	-152	1,306	2,199	-104	9	3,258	-61	-415	2,119
Ethane	1	141	25	–	–	167	–	–	167
Propane	314	2,430	2,421	8	50	5,223	245	961	9,384
Normal Butane	-270	-802	-422	-112	-46	-1,652	-305	-1,420	-6,814
Isobutane	-197	-463	175	–	5	-480	-1	44	-618
Natural Gasoline	–	–	–	–	–	–	–	–	–
Refinery Olefins	435	3,396	3,488	39	–	7,358	21	197	9,419
Ethylene	–	–	–	–	–	–	–	–	14
Propylene	435	3,650	3,452	39	–	7,576	9	255	9,694
Normal Butylene	–	-222	36	–	–	-186	15	-58	-271
Isobutylene	–	-32	–	–	–	-32	-3	–	-18
Finished Motor Gasoline	3,399	14,492	13,846	406	955	33,098	4,638	3,035	53,444
Reformulated	–	–	–	–	–	–	–	611	1,265
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–	611	1,265
Reformulated Other	–	–	–	–	–	–	–	–	–
Conventional	3,399	14,492	13,846	406	955	33,098	4,638	2,424	52,179
Conventional Blended with Fuel Ethanol	2,226	469	1,738	287	547	5,267	2,794	332	13,519
Ed55 and Lower	2,222	469	1,738	287	547	5,263	2,794	332	13,515
Greater than Ed55	4	–	–	–	–	4	–	–	4
Conventional Other	1,173	14,023	12,108	119	408	27,831	1,844	2,092	38,660
Finished Aviation Gasoline	81	120	108	–	–	309	6	–	340
Kerosene-Type Jet Fuel	1,404	15,140	12,701	111	–	29,356	1,038	15,363	57,495
Kerosene	5	–	-74	43	–	-26	1	4	373
Distillate Fuel Oil	6,167	46,802	40,090	2,645	1,786	97,490	6,359	18,142	171,453
15 ppm sulfur and under	6,162	44,272	33,250	2,465	1,786	87,935	6,323	17,335	160,086
Greater than 15 ppm to 500 ppm sulfur	5	282	2,517	127	–	2,931	27	347	3,324
Greater than 500 ppm sulfur	–	2,248	4,323	53	–	6,624	9	460	8,043
Residual Fuel Oil	364	2,726	3,960	-37	107	7,120	370	3,247	14,137
Less than 0.31 percent sulfur	232	31	878	–	–	1,141	200	–	2,069
0.31 to 1.00 percent sulfur	–	106	374	-37	21	464	22	551	1,524
Greater than 1.00 percent sulfur	132	2,589	2,708	–	86	5,515	148	2,696	10,544
Petrochemical Feedstocks	124	5,750	2,892	2	–	8,768	–	3	9,733
Naphtha for Petro. Feed. Use	113	4,253	1,603	2	–	5,971	–	3	6,680
Other Oils for Petro. Feed. Use	11	1,497	1,289	–	–	2,797	–	–	3,053
Special Naphthas	100	693	–	216	–	1,009	–	35	1,111
Lubricants	12	1,821	1,744	847	–	4,424	–	556	5,478
Waxes	–	37	30	24	–	91	–	–	116
Petroleum Coke	449	8,571	6,589	149	38	15,796	763	4,845	29,164
Marketable	185	6,556	5,197	136	–	12,074	545	3,748	21,813
Catalyst	264	2,015	1,392	13	38	3,722	218	1,097	7,351
Asphalt and Road Oil	189	336	531	875	20	1,951	1,074	770	7,541
Still Gas	705	6,124	4,518	186	88	11,621	679	3,672	22,097
Miscellaneous Products	121	1,052	641	19	51	1,884	85	456	3,052
Total	**13,403**	**108,366**	**93,263**	**5,421**	**3,054**	**223,507**	**14,973**	**49,910**	**387,072**
Processing Gain(-) or Loss(+)[1]	-1,158	-10,616	-9,069	57	-197	-20,983	-688	-5,871	-37,501

– = 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."