

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, January 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	1,087	–	1,087	101	70	308	479
Natural Gas Liquids	1,087	–	1,087	101	70	308	479
Normal Butane	842	–	842	101	58	240	399
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	245	–	245	–	12	68	80
Other Liquids	87,541	5,650	93,191	42,574	8,395	12,576	63,545
Oxygenates/Renewables	9,512	599	10,111	4,572	970	1,378	6,920
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	9,512	599	10,111	4,572	970	1,378	6,920
Fuel Ethanol	9,168	565	9,733	4,431	941	1,342	6,714
Renewable Diesel Fuel ²	344	34	378	141	29	36	206
Other Renewable Fuels	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	69	–	–	69
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	69	–	–	69
Motor Gasoline Blend.Comp. (MGBC)(net)	78,029	5,051	83,080	37,933	7,425	11,198	56,556
Reformulated - RBOB	24,127	103	24,127	6,660	1,354	1,045	9,059
Conventional	53,902	5,051	58,953	31,273	6,071	10,153	47,497
CBOB	46,990	5,051	52,041	31,255	6,071	10,153	47,479
GTAB	1,767	–	1,767	–	–	–	–
Other	5,145	–	5,145	18	–	–	18
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	88,628	5,650	94,278	42,675	8,465	12,884	64,024

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	30	938	227	41	–	1,236	134	31	2,967
Natural Gas Liquids	30	938	227	41	–	1,236	134	31	2,967
Normal Butane	20	369	227	41	–	657	70	31	1,999
Isobutane	–	–	–	–	–	–	5	–	5
Natural Gasoline	10	569	–	–	–	579	59	–	963
Other Liquids	16,918	10,128	2,906	8,426	1,098	39,476	4,372	43,971	244,555
Oxygenates/Renewables	1,795	801	299	982	127	4,004	601	4,825	26,461
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,795	801	299	982	127	4,004	601	4,825	26,461
Fuel Ethanol	1,736	756	299	924	110	3,825	588	4,534	25,394
Renewable Diesel Fuel ²	59	45	–	58	17	179	13	284	1,060
Other Renewable Fuels	–	–	–	–	–	–	–	7	7
Unfinished Oils (net)	–	-144	158	–	–	14	–	–	83
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	-144	28	–	–	-116	–	–	-116
Heavy Gas Oils	–	–	130	–	–	130	–	–	130
Residuum	–	–	–	–	–	–	–	–	69
Motor Gasoline Blend.Comp. (MGBC)(net)	15,123	9,471	2,449	7,444	971	35,458	3,771	39,146	218,011
Reformulated - RBOB	6,574	4,538	–	–	–	11,112	–	28,976	73,274
Conventional	8,549	4,933	2,449	7,444	971	24,346	3,771	10,170	144,737
CBOB	8,549	-1,046	1,201	7,444	967	17,115	3,769	10,165	130,569
GTAB	–	–	–	–	–	–	–	–	1,767
Other	–	5,979	1,248	–	4	7,231	2	5	12,401
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	16,948	11,066	3,133	8,467	1,098	40,712	4,506	44,002	247,522

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, February 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	853	–	853	83	77	249	409
Natural Gas Liquids	853	–	853	83	77	249	409
Normal Butane	671	–	671	79	65	174	318
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	182	–	182	4	12	75	91
Other Liquids	80,046	5,366	85,412	39,570	7,669	11,577	58,816
Oxygenates/Renewables	8,698	580	9,278	4,225	883	1,267	6,375
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	8,698	580	9,278	4,225	883	1,267	6,375
Fuel Ethanol	8,396	533	8,929	4,095	861	1,240	6,196
Renewable Diesel Fuel ²	302	47	349	130	22	27	179
Other Renewable Fuels	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	53	–	–	53
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	53	–	–	53
Motor Gasoline Blend.Comp. (MGBC)(net)	71,348	4,786	76,134	35,292	6,786	10,310	52,388
Reformulated - RBOB	21,101	81	21,101	6,495	1,263	872	8,630
Conventional	50,247	4,786	55,033	28,797	5,523	9,438	43,758
CBOB	42,782	4,786	47,568	28,767	5,523	9,438	43,728
GTAB	2,813	–	2,813	–	–	–	–
Other	4,652	–	4,652	30	–	–	30
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	80,899	5,366	86,265	39,653	7,746	11,826	59,225

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	38	801	182	34	–	1,055	113	28	2,458
Natural Gas Liquids	38	801	182	34	–	1,055	113	28	2,458
Normal Butane	25	349	182	34	–	590	56	28	1,663
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	13	452	–	–	–	465	56	–	794
Other Liquids	16,011	9,587	2,680	7,725	952	36,955	4,125	40,435	225,743
Oxygenates/Renewables	1,697	758	284	903	111	3,753	559	4,424	24,389
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,697	758	284	903	111	3,753	559	4,424	24,389
Fuel Ethanol	1,640	719	284	849	97	3,589	551	4,154	23,419
Renewable Diesel Fuel ²	57	39	–	54	14	164	8	266	966
Other Renewable Fuels	–	–	–	–	–	–	–	4	4
Unfinished Oils (net)	–	75	33	–	–	108	–	–	161
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	75	–	–	–	75	–	–	75
Heavy Gas Oils	–	–	33	–	–	33	–	–	33
Residuum	–	–	–	–	–	–	–	–	53
Motor Gasoline Blend.Comp. (MGBC)(net)	14,314	8,754	2,363	6,822	841	33,094	3,566	36,011	201,193
Reformulated - RBOB	6,332	4,112	–	–	–	10,444	–	27,023	67,198
Conventional	7,982	4,642	2,363	6,822	841	22,650	3,566	8,988	133,995
CBOB	7,982	-689	1,414	6,822	837	16,366	3,564	8,988	120,214
GTAB	–	–	–	–	–	–	–	–	2,813
Other	–	5,331	949	–	4	6,284	2	–	10,968
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	16,049	10,388	2,862	7,759	952	38,010	4,238	40,463	228,201

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, March 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	1,082	–	1,082	185	137	291	613
Natural Gas Liquids	1,082	–	1,082	185	137	291	613
Normal Butane	798	–	798	175	121	212	508
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	284	–	284	10	16	79	105
Other Liquids	93,132	6,119	99,251	45,176	8,370	13,627	67,173
Oxygenates/Renewables	10,036	653	10,689	4,853	1,003	1,502	7,358
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	10,036	653	10,689	4,853	1,003	1,502	7,358
Fuel Ethanol	9,717	609	10,326	4,688	956	1,463	7,107
Renewable Diesel Fuel ²	319	44	363	165	47	39	251
Other Renewable Fuels	–	–	–	–	–	–	–
Unfinished Oils (net)	-5	–	-5	15	–	–	15
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	-5	–	-5	–	–	–	–
Residuum	–	–	–	15	–	–	15
Motor Gasoline Blend.Comp. (MGBC)(net)	83,096	5,466	88,562	40,308	7,367	12,125	59,800
Reformulated - RBOB	23,034	72	23,034	7,137	1,377	1,085	9,599
Conventional	60,062	5,466	65,528	33,171	5,990	11,040	50,201
CBOB	47,885	5,466	53,351	33,151	5,990	11,040	50,181
GTAB	4,096	–	4,096	–	–	–	–
Other	8,081	–	8,081	20	–	–	20
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	94,214	6,119	100,333	45,361	8,507	13,918	67,786

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	101	721	119	53	–	994	109	66	2,864
Natural Gas Liquids	101	721	119	53	–	994	109	66	2,864
Normal Butane	87	349	119	53	–	608	63	66	2,043
Isobutane	–	–	–	–	–	–	2	–	2
Natural Gasoline	14	372	–	–	–	386	44	–	819
Other Liquids	17,694	11,612	3,033	8,983	1,125	42,447	4,514	46,234	259,619
Oxygenates/Renewables	1,881	862	327	1,023	129	4,222	622	5,060	27,951
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,881	862	327	1,023	129	4,222	622	5,060	27,951
Fuel Ethanol	1,818	813	327	979	112	4,049	606	4,743	26,831
Renewable Diesel Fuel ²	63	49	–	44	17	173	16	313	1,116
Other Renewable Fuels	–	–	–	–	–	–	–	4	4
Unfinished Oils (net)	–	209	-131	–	–	78	–	–	93
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	209	–	–	–	209	–	–	209
Heavy Gas Oils	–	–	-131	–	–	-131	–	–	-131
Residuum	–	–	–	–	–	–	–	–	15
Motor Gasoline Blend.Comp. (MGBC)(net)	15,813	10,541	2,837	7,960	996	38,147	3,892	41,174	231,575
Reformulated - RBOB	6,994	5,300	–	–	–	12,294	–	30,115	75,042
Conventional	8,819	5,241	2,837	7,960	996	25,853	3,892	11,059	156,533
CBOB	8,819	-706	1,773	7,953	992	18,831	3,891	10,771	137,025
GTAB	–	–	–	–	–	–	–	–	4,096
Other	–	5,947	1,064	7	4	7,022	1	288	15,412
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	17,795	12,333	3,152	9,036	1,125	43,441	4,623	46,300	262,483

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, April 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	1,174	-	1,174	236	84	236	556
Natural Gas Liquids	1,174	-	1,174	236	84	236	556
Normal Butane	908	-	908	232	76	185	493
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	266	-	266	4	8	51	63
Other Liquids	90,629	6,115	96,744	44,708	8,264	13,920	66,892
Oxygenates/Renewables	9,688	654	10,342	4,822	1,062	1,539	7,423
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	9,688	654	10,342	4,822	1,062	1,539	7,423
Fuel Ethanol	9,428	608	10,036	4,635	911	1,485	7,031
Renewable Diesel Fuel ²	260	46	306	187	151	54	392
Other Renewable Fuels	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	50	-	-	50
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	50	-	-	50
Motor Gasoline Blend.Comp. (MGBC)(net)	80,941	5,461	86,402	39,836	7,202	12,381	59,419
Reformulated - RBOB	22,299	1	22,300	7,251	1,360	951	9,562
Conventional	58,642	5,460	64,102	32,585	5,842	11,430	49,857
CBOB	44,639	5,460	50,099	32,533	5,797	11,430	49,760
GTAB	5,391	-	5,391	-	-	-	-
Other	8,612	-	8,612	52	45	-	97
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	91,803	6,115	97,918	44,944	8,348	14,156	67,448

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	72	688	5	56	-	821	89	63	2,703
Natural Gas Liquids	72	688	5	56	-	821	89	63	2,703
Normal Butane	55	47	5	56	-	163	59	63	1,686
Isobutane	-	-	-	-	-	-	1	-	1
Natural Gasoline	17	641	-	-	-	658	29	-	1,016
Other Liquids	17,744	10,763	3,117	8,851	1,063	41,538	4,691	45,581	255,446
Oxygenates/Renewables	1,900	836	312	1,012	124	4,184	640	5,066	27,655
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	1,900	836	312	1,012	124	4,184	640	5,066	27,655
Fuel Ethanol	1,832	785	312	970	105	4,004	623	4,702	26,396
Renewable Diesel Fuel ²	68	51	-	42	19	180	17	346	1,241
Other Renewable Fuels	-	-	-	-	-	-	-	18	18
Unfinished Oils (net)	-	-182	7	-	-	-175	-	-	-125
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-182	7	-	-	-175	-	-	-175
Heavy Gas Oils	-	-	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-	-	50
Motor Gasoline Blend.Comp. (MGBC)(net)	15,844	10,109	2,798	7,839	939	37,529	4,051	40,515	227,916
Reformulated - RBOB	6,905	4,483	-	-	-	11,388	-	29,770	73,020
Conventional	8,939	5,626	2,798	7,839	939	26,141	4,051	10,745	154,896
CBOB	8,939	-1,524	1,145	7,835	935	17,330	4,050	10,378	131,617
GTAB	-	-	-	-	-	-	-	-	5,391
Other	-	7,150	1,653	4	4	8,811	1	367	17,888
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	17,816	11,451	3,122	8,907	1,063	42,359	4,780	45,644	258,149

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, May 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	106	-	106	1	9	57	67
Natural Gas Liquids	106	-	106	1	9	57	67
Normal Butane	4	-	4	1	5	16	22
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	102	-	102	-	4	41	45
Other Liquids	96,030	6,706	102,736	47,991	9,485	14,630	72,106
Oxygenates/Renewables	10,160	712	10,872	5,163	1,250	1,618	8,031
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	10,160	712	10,872	5,163	1,250	1,618	8,031
Fuel Ethanol	9,920	663	10,583	4,966	1,033	1,558	7,557
Renewable Diesel Fuel ²	240	49	289	197	217	60	474
Other Renewable Fuels	-	-	-	-	-	-	-
Unfinished Oils (net)	7	-	7	45	-	-	45
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	7	-	7	-	-	-	-
Residuum	-	-	-	45	-	-	45
Motor Gasoline Blend.Comp. (MGBC)(net)	85,863	5,994	91,857	42,783	8,235	13,012	64,030
Reformulated - RBOB	24,678	637	25,315	7,401	1,382	1,034	9,817
Conventional	61,185	5,357	66,542	35,382	6,853	11,978	54,213
CBOB	45,963	5,357	51,320	35,132	6,853	11,978	53,963
GTAB	6,245	-	6,245	-	-	-	-
Other	8,977	-	8,977	250	-	-	250
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	96,136	6,706	102,842	47,992	9,494	14,687	72,173

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	13	799	14	3	-	829	17	11	1,030
Natural Gas Liquids	13	799	14	3	-	829	17	11	1,030
Normal Butane	-	58	14	3	-	75	6	11	118
Isobutane	-	-	-	-	-	-	3	-	3
Natural Gasoline	13	741	-	-	-	754	8	-	909
Other Liquids	18,537	11,732	3,186	9,360	1,197	44,012	4,934	46,647	270,435
Oxygenates/Renewables	1,956	858	341	1,053	138	4,346	661	5,197	29,107
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	1,956	858	341	1,053	138	4,346	661	5,197	29,107
Fuel Ethanol	1,896	815	341	1,025	122	4,199	647	4,831	27,817
Renewable Diesel Fuel ²	60	43	-	28	16	147	14	361	1,285
Other Renewable Fuels	-	-	-	-	-	-	-	5	5
Unfinished Oils (net)	-	-245	-135	-	-	-380	-	-	-328
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-245	-	-	-	-245	-	-	-245
Heavy Gas Oils	-	-	-135	-	-	-135	-	-	-128
Residuum	-	-	-	-	-	-	-	-	45
Motor Gasoline Blend.Comp. (MGBC)(net)	16,581	11,119	2,980	8,307	1,059	40,046	4,273	41,450	241,656
Reformulated - RBOB	7,200	4,215	-	-	-	11,415	-	30,607	77,154
Conventional	9,381	6,904	2,980	8,307	1,059	28,631	4,273	10,843	164,502
CBOB	9,381	-1,488	1,575	8,307	1,053	18,828	4,272	10,841	139,224
GTAB	-	-	-	-	-	-	-	-	6,245
Other	-	8,392	1,405	-	6	9,803	1	2	19,033
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	18,550	12,531	3,200	9,363	1,197	44,841	4,951	46,658	271,465

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, June 2019
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest				Total
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total	
Hydrocarbon Gas Liquids	84	-	84	4	9	63	76	
Natural Gas Liquids	84	-	84	4	9	63	76	
Normal Butane	11	-	11	4	9	22	35	
Isobutane	-	-	-	-	-	-	-	
Natural Gasoline	73	-	73	-	-	41	41	
Other Liquids	91,808	6,784	98,592	46,289	9,015	14,078	69,382	
Oxygenates/Renewables	9,712	716	10,428	5,017	1,180	1,540	7,737	
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--	
All Other Oxygenates ¹	--	--	--	--	--	--	--	
Renewable Fuels (including Fuel Ethanol)	9,712	716	10,428	5,017	1,180	1,540	7,737	
Fuel Ethanol	9,507	676	10,183	4,823	972	1,485	7,280	
Renewable Diesel Fuel ²	205	40	245	194	208	55	457	
Other Renewable Fuels	-	-	-	-	-	-	-	
Unfinished Oils (net)	-	-	-	76	-	-	76	
Naphthas and Lighter	-	-	-	-	-	-	-	
Kerosene and Light Gas Oils	-	-	-	-	-	-	-	
Heavy Gas Oils	-	-	-	-	-	-	-	
Residuum	-	-	-	76	-	-	76	
Motor Gasoline Blend.Comp. (MGBC)(net)	82,096	6,068	88,164	41,196	7,835	12,538	61,569	
Reformulated - RBOB	26,240	267	26,507	7,543	1,352	813	9,708	
Conventional	55,856	5,801	61,657	33,653	6,483	11,725	51,861	
CBOB	44,273	5,801	50,074	33,586	6,430	11,722	51,738	
GTAB	4,641	-	4,641	-	-	-	-	
Other	6,942	-	6,942	67	53	3	123	
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	
Total Input	91,892	6,784	98,676	46,293	9,024	14,141	69,458	

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	14	644	2	4	-	664	21	5	850
Natural Gas Liquids	14	644	2	4	-	664	21	5	850
Normal Butane	-	60	2	4	-	66	6	5	123
Isobutane	-	-	-	-	-	-	2	-	2
Natural Gasoline	14	584	-	-	-	598	13	-	725
Other Liquids	17,985	11,372	3,327	8,943	1,176	42,803	4,911	45,735	261,423
Oxygenates/Renewables	1,916	820	324	1,021	133	4,214	664	5,080	28,123
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	1,916	820	324	1,021	133	4,214	664	5,080	28,123
Fuel Ethanol	1,838	781	324	975	121	4,039	655	4,742	26,899
Renewable Diesel Fuel ²	78	39	-	46	12	175	9	330	1,216
Other Renewable Fuels	-	-	-	-	-	-	-	8	8
Unfinished Oils (net)	-	-59	82	-	-	23	-	-	99
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-59	-	-	-	-59	-	-	-59
Heavy Gas Oils	-	-	82	-	-	82	-	-	82
Residuum	-	-	-	-	-	-	-	-	76
Motor Gasoline Blend.Comp. (MGBC)(net)	16,069	10,611	2,921	7,922	1,043	38,566	4,247	40,655	233,201
Reformulated - RBOB	6,842	4,427	-	-	-	11,269	-	29,985	77,469
Conventional	9,227	6,184	2,921	7,922	1,043	27,297	4,247	10,670	155,732
CBOB	9,227	-537	1,812	7,922	1,035	19,459	4,246	10,670	136,187
GTAB	-	-	-	-	-	-	-	-	4,641
Other	-	6,721	1,109	-	8	7,838	1	-	14,904
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	17,999	12,016	3,329	8,947	1,176	43,467	4,932	45,740	262,273

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, July 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	54	-	54	3	5	66	74
Natural Gas Liquids	54	-	54	3	5	66	74
Normal Butane	18	-	18	3	5	30	38
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	36	-	36	-	-	36	36
Other Liquids	95,881	6,797	102,678	47,242	9,839	14,986	72,067
Oxygenates/Renewables	10,046	723	10,769	5,133	1,277	1,649	8,059
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	10,046	723	10,769	5,133	1,277	1,649	8,059
Fuel Ethanol	9,844	678	10,522	4,948	1,068	1,590	7,606
Renewable Diesel Fuel ²	202	45	247	185	209	59	453
Other Renewable Fuels	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-53	-	-	-53
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-53	-	-	-53
Motor Gasoline Blend.Comp. (MGBC)(net)	85,835	6,074	91,909	42,162	8,562	13,337	64,061
Reformulated - RBOB	25,737	121	25,858	7,424	1,464	1,040	9,928
Conventional	60,098	5,953	66,051	34,738	7,098	12,297	54,133
CBOB	44,701	5,953	50,654	34,734	6,976	12,293	54,003
GTAB	6,984	-	6,984	-	-	-	-
Other	8,413	-	8,413	4	122	4	130
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	95,935	6,797	102,732	47,245	9,844	15,052	72,141

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	12	919	1	3	-	935	21	8	1,092
Natural Gas Liquids	12	919	1	3	-	935	21	8	1,092
Normal Butane	-	64	1	3	-	68	6	8	138
Isobutane	-	-	-	-	-	-	2	-	2
Natural Gasoline	12	855	-	-	-	867	13	-	952
Other Liquids	18,346	10,759	3,240	9,341	1,247	42,933	5,364	46,929	269,971
Oxygenates/Renewables	1,940	836	322	1,071	134	4,303	722	5,220	29,073
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	1,940	836	322	1,071	134	4,303	722	5,220	29,073
Fuel Ethanol	1,882	796	322	1,025	126	4,151	705	4,868	27,852
Renewable Diesel Fuel ²	58	40	-	46	8	152	17	347	1,216
Other Renewable Fuels	-	-	-	-	-	-	-	5	5
Unfinished Oils (net)	-	-128	-	-	-	-128	-	-	-181
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-128	-	-	-	-128	-	-	-128
Heavy Gas Oils	-	-	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-	-	-53
Motor Gasoline Blend.Comp. (MGBC)(net)	16,406	10,051	2,918	8,270	1,113	38,758	4,642	41,709	241,079
Reformulated - RBOB	6,988	4,589	-	-	-	11,577	-	30,445	77,808
Conventional	9,418	5,462	2,918	8,270	1,113	27,181	4,642	11,264	163,271
CBOB	9,418	-1,233	1,727	8,270	1,103	19,285	4,641	11,267	139,850
GTAB	-	-	-	-	-	-	-	-	6,984
Other	-	6,695	1,191	-	10	7,896	1	-3	16,437
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	18,358	11,678	3,241	9,344	1,247	43,868	5,385	46,937	271,063

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, August 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	222	-	222	3	6	62	71
Natural Gas Liquids	222	-	222	3	6	62	71
Normal Butane	222	-	222	3	6	23	32
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	39	39
Other Liquids	96,888	7,093	103,981	47,720	9,813	14,685	72,218
Oxygenates/Renewables	10,179	754	10,933	5,166	1,284	1,624	8,074
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	10,179	754	10,933	5,166	1,284	1,624	8,074
Fuel Ethanol	9,982	709	10,691	4,984	1,075	1,565	7,624
Renewable Diesel Fuel ²	197	45	242	182	209	59	450
Other Renewable Fuels	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	159	-	-	159
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	159	-	-	159
Motor Gasoline Blend.Comp. (MGBC)(net)	86,709	6,339	93,048	42,395	8,529	13,061	63,985
Reformulated - RBOB	21,881	-	21,881	7,473	1,425	1,046	9,944
Conventional	64,828	6,339	71,167	34,922	7,104	12,015	54,041
CBOB	46,781	6,339	53,120	34,919	7,073	12,014	54,006
GTAB	6,904	-	6,904	-	-	-	-
Other	11,143	-	11,143	3	31	1	35
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	97,110	7,093	104,203	47,723	9,819	14,747	72,289

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	1,008	-	2	-	1,019	18	5	1,335
Natural Gas Liquids	9	1,008	-	2	-	1,019	18	5	1,335
Normal Butane	1	134	-	2	-	137	4	5	400
Isobutane	-	-	-	-	-	-	3	-	3
Natural Gasoline	8	874	-	-	-	882	11	-	932
Other Liquids	18,868	12,279	3,324	9,438	1,249	45,158	5,238	48,409	275,004
Oxygenates/Renewables	1,973	876	330	1,087	139	4,405	707	5,369	29,488
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	1,973	876	330	1,087	139	4,405	707	5,369	29,488
Fuel Ethanol	1,933	827	330	1,030	127	4,247	691	5,029	28,282
Renewable Diesel Fuel ²	40	49	-	57	12	158	16	336	1,202
Other Renewable Fuels	-	-	-	-	-	-	-	4	4
Unfinished Oils (net)	-	93	13	-	-	106	-	-	265
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	93	9	-	-	102	-	-	102
Heavy Gas Oils	-	-	4	-	-	4	-	-	4
Residuum	-	-	-	-	-	-	-	-	159
Motor Gasoline Blend.Comp. (MGBC)(net)	16,895	11,310	2,981	8,351	1,110	40,647	4,531	43,040	245,251
Reformulated - RBOB	6,925	5,829	-	-	-	12,754	-	31,502	76,081
Conventional	9,970	5,481	2,981	8,351	1,110	27,893	4,531	11,538	169,170
CBOB	9,970	-701	1,659	8,351	1,102	20,381	4,530	11,481	143,518
GTAB	-	-	-	-	-	-	-	-	6,904
Other	-	6,182	1,322	-	8	7,512	1	57	18,748
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	18,877	13,287	3,324	9,440	1,249	46,177	5,256	48,414	276,339

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, September 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	1,328	–	1,328	120	107	484	711
Natural Gas Liquids	1,328	–	1,328	120	107	484	711
Normal Butane	1,260	–	1,260	117	94	417	628
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	68	–	68	3	13	67	83
Other Liquids	86,610	6,327	92,937	43,974	8,534	13,222	65,730
Oxygenates/Renewables	9,242	675	9,917	4,770	1,122	1,508	7,400
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	9,242	675	9,917	4,770	1,122	1,508	7,400
Fuel Ethanol	9,062	636	9,698	4,596	943	1,453	6,992
Renewable Diesel Fuel ²	180	39	219	174	179	55	408
Other Renewable Fuels	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	93	–	–	93
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	93	–	–	93
Motor Gasoline Blend.Comp. (MGBC)(net)	77,368	5,652	83,020	39,111	7,412	11,714	58,237
Reformulated - RBOB	23,388	–	23,388	7,032	1,327	961	9,320
Conventional	53,980	5,652	59,632	32,079	6,085	10,753	48,917
CBOB	45,073	5,652	50,725	32,027	6,088	10,749	48,864
GTAB	4,028	–	4,028	–	–	–	–
Other	4,879	–	4,879	52	-3	4	53
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	87,938	6,327	94,265	44,094	8,641	13,706	66,441

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	25	1,491	80	60	–	1,656	80	52	3,827
Natural Gas Liquids	25	1,491	80	60	–	1,656	80	52	3,827
Normal Butane	14	606	80	60	–	760	41	52	2,741
Isobutane	2	–	–	–	–	2	1	–	3
Natural Gasoline	9	885	–	–	–	894	38	–	1,083
Other Liquids	17,840	8,905	3,007	8,682	1,390	39,824	4,745	45,388	248,624
Oxygenates/Renewables	1,871	824	307	1,009	153	4,164	651	5,004	27,136
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,871	824	307	1,009	153	4,164	651	5,004	27,136
Fuel Ethanol	1,833	778	307	954	139	4,011	639	4,710	26,050
Renewable Diesel Fuel ²	38	46	–	55	14	153	12	285	1,077
Other Renewable Fuels	–	–	–	–	–	–	–	9	9
Unfinished Oils (net)	–	-228	14	–	–	-214	–	–	-121
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	-228	7	–	–	-221	–	–	-221
Heavy Gas Oils	–	–	7	–	–	7	–	–	7
Residuum	–	–	–	–	–	–	–	–	93
Motor Gasoline Blend.Comp. (MGBC)(net)	15,969	8,309	2,686	7,673	1,237	35,874	4,094	40,384	221,609
Reformulated - RBOB	6,468	4,175	–	–	–	10,643	–	29,822	73,173
Conventional	9,501	4,134	2,686	7,673	1,237	25,231	4,094	10,562	148,436
CBOB	9,501	-1,852	1,075	7,673	1,231	17,628	4,093	10,518	131,828
GTAB	–	–	–	–	–	–	–	–	4,028
Other	–	5,986	1,611	–	6	7,603	1	44	12,580
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	17,865	10,396	3,087	8,742	1,390	41,480	4,825	45,440	252,451

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, October 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	1,846	–	1,846	214	225	559	998
Natural Gas Liquids	1,846	–	1,846	214	225	559	998
Normal Butane	1,524	–	1,524	211	198	436	845
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	322	–	322	3	27	123	153
Other Liquids	91,784	6,448	98,232	46,855	9,269	13,933	70,057
Oxygenates/Renewables	9,901	695	10,596	5,098	1,117	1,584	7,799
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	9,901	695	10,596	5,098	1,117	1,584	7,799
Fuel Ethanol	9,716	649	10,365	4,918	1,046	1,528	7,492
Renewable Diesel Fuel ²	185	46	231	180	71	56	307
Other Renewable Fuels	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	39	–	–	39
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	39	–	–	39
Motor Gasoline Blend.Comp. (MGBC)(net)	81,883	5,753	87,636	41,718	8,152	12,349	62,219
Reformulated - RBOB	26,817	–	26,817	7,314	1,467	1,019	9,800
Conventional	55,066	5,753	60,819	34,404	6,685	11,330	52,419
CBOB	46,000	5,753	51,753	34,389	6,646	11,330	52,365
GTAB	2,002	–	2,002	–	–	–	–
Other	7,064	–	7,064	15	39	–	54
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	93,630	6,448	100,078	47,069	9,494	14,492	71,055

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	110	2,414	103	49	–	2,676	103	58	5,681
Natural Gas Liquids	110	2,414	103	49	–	2,676	103	58	5,681
Normal Butane	99	768	103	49	–	1,019	48	58	3,494
Isobutane	–	–	–	–	–	–	3	–	3
Natural Gasoline	11	1,646	–	–	–	1,657	52	–	2,184
Other Liquids	18,664	10,955	3,249	9,057	1,383	43,308	4,858	46,303	262,758
Oxygenates/Renewables	1,968	878	323	1,059	155	4,383	661	5,155	28,594
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,968	878	323	1,059	155	4,383	661	5,155	28,594
Fuel Ethanol	1,929	823	323	1,001	141	4,217	645	4,820	27,539
Renewable Diesel Fuel ²	39	50	–	58	14	161	16	323	1,038
Other Renewable Fuels	–	5	–	–	–	5	–	12	17
Unfinished Oils (net)	–	3	119	–	–	122	–	–	161
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	3	-18	–	–	-15	–	–	-15
Heavy Gas Oils	–	–	137	–	–	137	–	–	137
Residuum	–	–	–	–	–	–	–	–	39
Motor Gasoline Blend.Comp. (MGBC)(net)	16,696	10,074	2,807	7,998	1,228	38,803	4,197	41,148	234,003
Reformulated - RBOB	6,855	5,368	–	–	–	12,223	–	30,390	79,230
Conventional	9,841	4,706	2,807	7,998	1,228	26,580	4,197	10,758	154,773
CBOB	9,841	-1,870	1,356	7,998	1,224	18,549	4,196	10,758	137,621
GTAB	–	–	–	–	–	–	–	–	2,002
Other	–	6,576	1,451	–	4	8,031	1	–	15,150
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,774	13,369	3,352	9,106	1,383	45,984	4,961	46,361	268,439

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD 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	1,581	–	1,581	183	155	531	869
Natural Gas Liquids	1,581	–	1,581	183	155	531	869
Normal Butane	1,348	–	1,348	182	138	411	731
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	233	–	233	1	17	120	138
Other Liquids	89,073	6,065	95,138	44,717	8,584	13,204	66,505
Oxygenates/Renewables	9,615	641	10,256	4,809	1,009	1,488	7,306
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	9,615	641	10,256	4,809	1,009	1,488	7,306
Fuel Ethanol	9,346	608	9,954	4,668	967	1,443	7,078
Renewable Diesel Fuel ²	269	33	302	141	42	45	228
Other Renewable Fuels	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	323	–	–	323
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–28	–	–	–28
Residuum	–	–	–	351	–	–	351
Motor Gasoline Blend.Comp. (MGBC)(net)	79,458	5,424	84,882	39,585	7,575	11,716	58,876
Reformulated - RBOB	26,585	–	26,585	7,166	1,431	973	9,570
Conventional	52,873	5,424	58,297	32,419	6,144	10,743	49,306
CBOB	45,431	5,424	50,855	32,402	6,122	10,743	49,267
GTAB	2,117	–	2,117	–	–	–	–
Other	5,325	–	5,325	17	22	–	39
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	90,654	6,065	96,719	44,900	8,739	13,735	67,374

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	75	1,832	260	43	–	2,210	109	49	4,818
Natural Gas Liquids	75	1,832	260	43	–	2,210	109	49	4,818
Normal Butane	62	650	260	43	–	1,015	65	49	3,208
Isobutane	–	–	–	–	–	–	2	–	2
Natural Gasoline	13	1,182	–	–	–	1,195	42	–	1,608
Other Liquids	17,750	10,532	3,102	8,559	1,066	41,009	4,325	43,410	250,387
Oxygenates/Renewables	1,862	806	302	999	123	4,092	583	4,829	27,066
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,862	806	302	999	123	4,092	583	4,829	27,066
Fuel Ethanol	1,832	770	302	944	109	3,957	569	4,514	26,072
Renewable Diesel Fuel ²	30	36	–	55	14	135	14	313	992
Other Renewable Fuels	–	–	–	–	–	–	–	2	2
Unfinished Oils (net)	–	–225	317	–	–	92	–	–	415
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–225	134	–	–	–91	–	–	–91
Heavy Gas Oils	–	–	183	–	–	183	–	–	155
Residuum	–	–	–	–	–	–	–	–	351
Motor Gasoline Blend.Comp. (MGBC)(net)	15,888	9,951	2,483	7,560	943	36,825	3,742	38,581	222,906
Reformulated - RBOB	6,456	4,956	–	–	–	11,412	–	28,387	75,954
Conventional	9,432	4,995	2,483	7,560	943	25,413	3,742	10,194	146,952
CBOB	9,432	–2,224	826	7,560	940	16,534	3,741	10,098	130,495
GTAB	–	–	–	–	–	–	–	–	2,117
Other	–	7,219	1,657	–	3	8,879	1	96	14,340
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	17,825	12,364	3,362	8,602	1,066	43,219	4,434	43,459	255,205

-- = Not Applicable.

– = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, December 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	1,333	–	1,333	172	98	495	765
Natural Gas Liquids	1,333	–	1,333	172	98	495	765
Normal Butane	988	–	988	168	83	367	618
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	345	–	345	4	15	128	147
Other Liquids	89,234	6,152	95,386	44,490	8,426	13,205	66,121
Oxygenates/Renewables	9,741	660	10,401	4,787	977	1,478	7,242
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	9,741	660	10,401	4,787	977	1,478	7,242
Fuel Ethanol	9,393	616	10,009	4,662	954	1,440	7,056
Renewable Diesel Fuel ²	348	44	392	125	23	38	186
Other Renewable Fuels	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	93	–	–	93
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	93	–	–	93
Motor Gasoline Blend.Comp. (MGBC)(net)	79,493	5,492	84,985	39,610	7,449	11,727	58,786
Reformulated - RBOB	27,096	–	27,096	7,138	1,449	1,007	9,594
Conventional	52,397	5,492	57,889	32,472	6,000	10,720	49,192
CBOB	47,528	5,492	53,020	32,454	6,000	10,720	49,174
GTAB	1,270	–	1,270	–	–	–	–
Other	3,599	–	3,599	18	–	–	18
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	90,567	6,152	96,719	44,662	8,524	13,700	66,886

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	33	1,604	273	41	–	1,951	117	26	4,192
Natural Gas Liquids	33	1,604	273	41	–	1,951	117	26	4,192
Normal Butane	28	711	273	41	–	1,053	80	26	2,765
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	5	893	–	–	–	898	36	–	1,426
Other Liquids	18,016	10,224	2,848	8,687	1,188	40,963	4,479	44,297	251,246
Oxygenates/Renewables	1,880	808	310	1,003	134	4,135	613	4,899	27,290
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–	–	–
All Other Oxygenates ¹	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,880	808	310	1,003	134	4,135	613	4,899	27,290
Fuel Ethanol	1,855	774	310	954	120	4,013	602	4,602	26,282
Renewable Diesel Fuel ²	25	34	–	49	14	122	11	290	1,001
Other Renewable Fuels	–	–	–	–	–	–	–	7	7
Unfinished Oils (net)	–	258	25	–	–	283	–	–	376
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	258	42	–	–	300	–	–	300
Heavy Gas Oils	–	–	-17	–	–	-17	–	–	-17
Residuum	–	–	–	–	–	–	–	–	93
Motor Gasoline Blend.Comp. (MGBC)(net)	16,136	9,158	2,513	7,684	1,054	36,545	3,866	39,398	223,580
Reformulated - RBOB	6,478	4,897	–	–	–	11,375	–	28,757	76,822
Conventional	9,658	4,261	2,513	7,684	1,054	25,170	3,866	10,641	146,758
CBOB	9,658	228	564	7,684	1,051	19,185	3,865	10,383	135,627
GTAB	–	–	–	–	–	–	–	–	1,270
Other	–	4,033	1,949	–	3	5,985	1	258	9,861
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,049	11,828	3,121	8,728	1,188	42,914	4,596	44,323	255,438

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."