Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels, Except Where Noted)

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
Crude Oil	**16,055**	**2,791**	**18,846**	**67,946**	**15,252**	**24,189**	**107,387**
Hydrocarbon Gas Liquids	**214**	**–**	**214**	**2,328**	**56**	**707**	**3,091**
Natural Gas Liquids	214	–	214	2,328	56	707	3,091
Normal Butane	94	–	94	637	–	21	658
Isobutane	120	–	120	1,224	56	369	1,649
Natural Gasoline	–	–	–	467	–	317	784
Other Liquids	**-6,184**	**58**	**-6,126**	**-36,943**	**-5,999**	**-10,522**	**-53,464**
Hydrogen/Biofuels/Other Hydrocarbons	112	144	256	910	437	409	1,756
Hydrogen	48	2	50	698	273	187	1,158
Biofuels (including Fuel Ethanol)	64	142	206	205	164	222	591
Fuel Ethanol	61	119	180	167	149	128	444
Biodiesel	–	23	23	38	15	23	76
Renewable Diesel Fuel	3	–	3	–	–	–	–
Other Biofuels[1]	–	–	–	–	–	71	71
Other Hydrocarbons	–	–	–	7	–	–	7
Unfinished Oils (net)	537	-101	436	-2,511	8	-147	-2,650
Naphthas and Lighter	134	-48	86	-307	10	124	-173
Kerosene and Light Gas Oils	318	–	318	-373	0	16	-357
Heavy Gas Oils	-822	-54	-876	-1,288	-2	-344	-1,634
Residuum	907	1	908	-543	–	57	-486
Motor Gasoline Blend.Comp. (MGBC)(net)	-6,833	15	-6,818	-35,342	-6,444	-10,784	-52,570
Reformulated - RBOB	-4,517	–	-4,517	-6,276	-85	–	-6,361
Conventional	-2,316	15	-2,301	-29,066	-6,359	-10,784	-46,209
CBOB	-2,166	4	-2,162	-27,636	-6,178	-10,675	-44,489
GTAB	–	–	–	–	–	–	–
Other	-150	11	-139	-1,430	-181	-109	-1,720
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**10,085**	**2,849**	**12,934**	**33,331**	**9,309**	**14,374**	**57,014**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	629	100	729	2,421	552	863	3,836
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent)[2]	80.7	101.7	83.1	88.7	100.5	92.9	91.2
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	129	15	144	432	74	169	675
Catalytic Cracking	238	17	255	657	139	197	992
Catalytic Hydrocracking	44	–	44	162	66	50	278
Delayed and Fluid Coking	35	–	35	327	79	90	496
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.83	1.72	0.96	1.71	1.79	0.55	1.46
API Gravity, Weighted Average (degrees)	36.83	32.00	36.10	32.53	28.00	39.85	33.45
Operable Capacity (daily average)	**780**	**98**	**878**	**2,729**	**549**	**928**	**4,206**
Operating	780	98	878	2,580	511	928	4,019
Idle	–	–	–	149	38	–	187
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels, Except Where Noted) — 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			
Crude Oil	**16,927**	**120,937**	**78,113**	**6,538**	**2,117**	**224,632**	**14,564**	**56,596**	**422,025**
Hydrocarbon Gas Liquids	**465**	**5,271**	**3,614**	**72**	**90**	**9,512**	**377**	**2,281**	**15,475**
Natural Gas Liquids	465	5,271	3,614	72	90	9,512	377	2,281	15,475
Normal Butane	172	2,219	1,759	26	–	4,176	126	665	5,719
Isobutane	261	2,265	1,159	43	90	3,818	127	682	6,396
Natural Gasoline	32	787	696	3	–	1,518	124	934	3,360
Other Liquids	**-7,904**	**-46,137**	**-26,670**	**-1,601**	**-1,152**	**-83,464**	**-4,461**	**-27,012**	**-174,527**
Hydrogen/Biofuels/Other Hydrocarbons	266	1,722	1,512	107	57	3,664	354	1,443	7,473
Hydrogen	93	1,606	1,242	58	25	3,024	188	1,049	5,469
Biofuels (including Fuel Ethanol)	173	116	270	49	32	640	166	394	1,997
Fuel Ethanol	133	40	167	48	5	393	140	107	1,264
Biodiesel	40	20	38	1	4	103	2	13	217
Renewable Diesel Fuel	–	–	–	–	–	–	–	266	269
Other Biofuels[1]	–	56	65	–	23	144	24	8	247
Other Hydrocarbons	–	–	–	–	–	–	–	–	7
Unfinished Oils (net)	-40	1,323	7,185	5	-234	8,239	-402	-107	5,516
Naphthas and Lighter	-70	-4,051	273	19	-153	-3,982	-110	-540	-4,719
Kerosene and Light Gas Oils	49	-263	-100	-11	-28	-353	-150	-784	-1,326
Heavy Gas Oils	-9	2,772	6,161	48	-53	8,919	-176	-537	5,696
Residuum	-10	2,865	851	-51	–	3,655	34	1,754	5,865
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,145	-49,182	-35,374	-1,713	-975	-95,389	-4,413	-28,348	-187,538
Reformulated - RBOB	-630	-9,792	-969	–	-319	-11,710	–	-20,450	-43,038
Conventional	-7,515	-39,390	-34,405	-1,713	-656	-83,679	-4,413	-7,898	-144,500
CBOB	-7,350	-29,424	-32,136	-1,720	-631	-71,261	-4,319	-7,480	-129,711
GTAB	–	–	–	–	–	–	–	–	–
Other	-165	-9,966	-2,269	7	-25	-12,418	-94	-418	-14,789
Aviation Gasoline Blend. Comp. (net)	15	–	7	–	–	22	–	–	22
Total Input to Refineries	**9,488**	**80,071**	**55,057**	**5,009**	**1,055**	**150,680**	**10,480**	**31,865**	**262,973**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	612	4,456	3,032	204	76	8,379	522	2,222	15,688
Operable Capacity (daily average)	744	5,232	3,330	260	110	9,677	650	2,621	18,031
Operable Utilization Rate (percent)[2]	82.2	85.2	91.0	78.5	68.7	86.6	80.3	84.8	87.0
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	140	763	522	38	12	1,475	80	360	2,734
Catalytic Cracking	152	1,187	803	18	19	2,178	137	493	4,056
Catalytic Hydrocracking	42	468	400	19	10	940	17	386	1,664
Delayed and Fluid Coking	21	705	451	33	–	1,211	60	362	2,163
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.61	1.43	1.13	1.62	1.03	1.24	1.41	1.34	1.30
API Gravity, Weighted Average (degrees)	40.05	33.94	31.29	31.41	38.54	33.63	31.85	29.16	33.00
Operable Capacity (daily average)	**744**	**5,232**	**3,330**	**260**	**110**	**9,677**	**650**	**2,621**	**18,031**
Operating	673	5,187	3,330	260	110	9,561	538	2,621	17,616
Idle	71	45	–	–	–	116	113	–	416
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**11,727**	**11,727**

– – = Not Applicable.
– = No Data Reported.
NA = Not Available.
1 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
2 Represents gross input divided by operable calendar day capacity.
Note: Totals may not equal sum of components due to independent rounding.
Note: Refer to Appendix A for Refining District descriptions.
Data source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."