Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 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	**20,908**	**2,891**	**23,799**	**70,794**	**16,250**	**26,653**	**113,697**
Hydrocarbon Gas Liquids	**413**	**–**	**413**	**2,692**	**57**	**517**	**3,266**
Natural Gas Liquids	413	–	413	2,692	57	517	3,266
Normal Butane	268	–	268	786	–	45	831
Isobutane	145	–	145	1,359	57	357	1,773
Natural Gasoline	–	–	–	547	–	115	662
Other Liquids	**-9,224**	**-63**	**-9,287**	**-38,047**	**-6,112**	**-11,313**	**-55,472**
Hydrogen/Biofuels/Other Hydrocarbons	143	139	282	985	476	456	1,917
Hydrogen	81	–	81	755	301	204	1,260
Biofuels (including Fuel Ethanol)	62	139	201	213	175	252	640
Fuel Ethanol	62	114	176	180	160	142	482
Biodiesel	–	25	25	33	15	26	74
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels[1]	–	–	–	–	–	84	84
Other Hydrocarbons	–	–	–	17	–	–	17
Unfinished Oils (net)	1,308	-169	1,139	-960	89	-539	-1,410
Naphthas and Lighter	-143	-95	-238	7	3	123	133
Kerosene and Light Gas Oils	124	–	124	-231	66	-193	-358
Heavy Gas Oils	21	-69	-48	-741	20	-299	-1,020
Residuum	1,306	-5	1,301	5	–	-170	-165
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,675	-33	-10,708	-38,072	-6,677	-11,230	-55,979
Reformulated - RBOB	-6,447	–	-6,447	-6,918	–	–	-6,918
Conventional	-4,228	-33	-4,261	-31,154	-6,677	-11,230	-49,061
CBOB	-3,340	-54	-3,394	-29,835	-6,392	-11,301	-47,528
GTAB	–	–	–	–	–	–	–
Other	-888	21	-867	-1,319	-285	71	-1,533
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**12,097**	**2,828**	**14,925**	**35,439**	**10,195**	**15,857**	**61,491**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	728	93	822	2,274	537	858	3,669
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent)[2]	93.4	95.1	93.6	83.3	97.8	92.4	87.2
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	120	15	134	433	71	165	669
Catalytic Cracking	225	16	241	684	134	191	1,009
Catalytic Hydrocracking	41	–	41	149	63	52	264
Delayed and Fluid Coking	36	–	36	315	72	82	469
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.77	1.80	0.89	1.68	1.90	0.58	1.45
API Gravity, Weighted Average (degrees)	37.64	31.54	36.86	32.45	26.70	40.03	33.31
Operable Capacity (daily average)	**780**	**98**	**878**	**2,729**	**549**	**928**	**4,206**
Operating	780	98	878	2,580	511	858	3,949
Idle	–	–	–	149	38	70	257
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, January 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	**18,620**	**134,160**	**90,881**	**7,071**	**2,244**	**252,976**	**14,653**	**60,761**	**465,886**
Hydrocarbon Gas Liquids	**635**	**6,192**	**4,737**	**86**	**94**	**11,744**	**470**	**2,928**	**18,821**
Natural Gas Liquids	635	6,192	4,737	86	94	11,744	470	2,928	18,821
Normal Butane	281	2,813	2,565	40	–	5,699	210	1,151	8,159
Isobutane	330	2,415	1,360	43	94	4,242	133	708	7,001
Natural Gasoline	24	964	812	3	–	1,803	127	1,069	3,661
Other Liquids	**-8,912**	**-52,175**	**-31,333**	**-1,783**	**-1,463**	**-95,666**	**-3,885**	**-28,604**	**-192,914**
Hydrogen/Biofuels/Other Hydrocarbons	254	2,198	1,790	111	55	4,408	361	1,682	8,650
Hydrogen	78	2,062	1,440	64	46	3,690	172	1,275	6,478
Biofuels (including Fuel Ethanol)	176	136	350	47	9	718	189	407	2,155
Fuel Ethanol	139	40	190	45	5	419	165	126	1,368
Biodiesel	37	–	39	2	4	82	–	11	192
Renewable Diesel Fuel	–	–	–	–	–	–	–	256	256
Other Biofuels[1]	–	96	121	–	–	217	24	14	339
Other Hydrocarbons	–	–	–	–	–	–	–	–	17
Unfinished Oils (net)	437	-462	8,239	-200	-276	7,738	-267	1,548	8,748
Naphthas and Lighter	385	-5,514	1,196	-35	-3	-3,971	-117	270	-3,923
Kerosene and Light Gas Oils	234	-504	-1,198	-55	-164	-1,687	-99	-602	-2,622
Heavy Gas Oils	-94	2,086	6,467	-31	-109	8,319	-128	1,800	8,923
Residuum	-88	3,470	1,774	-79	–	5,077	77	80	6,370
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,614	-53,911	-41,368	-1,694	-1,242	-107,829	-3,979	-31,834	-210,329
Reformulated - RBOB	-937	-11,652	-1,542	–	-478	-14,609	–	-23,620	-51,594
Conventional	-8,677	-42,259	-39,826	-1,694	-764	-93,220	-3,979	-8,214	-158,735
CBOB	-8,557	-33,088	-36,377	-1,651	-756	-80,429	-4,174	-8,317	-143,842
GTAB	–	–	–	–	–	–	–	–	–
Other	-120	-9,171	-3,449	-43	-8	-12,791	195	103	-14,893
Aviation Gasoline Blend. Comp. (net)	11	–	6	–	–	17	–	–	17
Total Input to Refineries	**10,343**	**88,177**	**64,285**	**5,374**	**875**	**169,054**	**11,238**	**35,085**	**291,793**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	604	4,516	3,095	195	72	8,483	468	2,182	15,624
Operable Capacity (daily average)	744	5,232	3,330	260	110	9,677	650	2,651	18,061
Operable Utilization Rate (percent)[2]	81.2	86.3	92.9	75.0	65.8	87.7	72.0	82.3	86.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	151	699	560	35	15	1,459	72	335	2,670
Catalytic Cracking	144	1,200	855	15	21	2,236	126	558	4,170
Catalytic Hydrocracking	52	524	393	21	13	1,002	17	375	1,699
Delayed and Fluid Coking	17	694	495	33	–	1,239	60	321	2,125
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.52	1.37	1.04	1.54	1.05	1.17	1.57	1.29	1.25
API Gravity, Weighted Average (degrees)	40.57	34.62	31.97	29.82	38.57	34.20	31.52	29.52	33.40
Operable Capacity (daily average)	**744**	**5,232**	**3,330**	**260**	**110**	**9,677**	**650**	**2,651**	**18,061**
Operating	744	5,232	3,330	260	110	9,677	538	2,645	17,686
Idle	–	–	–	–	–	–	113	6	376
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**12,975**	**12,975**

– – = 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."