

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, 2023
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	6	37,190	1,449,481	1	3,116	1,489,794	4,082
Hydrocarbon Gas Liquids	102,985	79,044	775,790	71	20,562	978,453	2,681
Natural Gas Liquids	102,985	79,044	775,790	71	20,562	978,453	2,681
Ethane	25,755	23,810	122,374	1	3	171,943	471
Propane	57,742	1,432	519,480	18	11,845	590,516	1,618
Normal Butane	18,986	1,598	130,766	5	8,610	159,965	438
Isobutane	7	23	1,193	—	28	1,252	3
Natural Gasoline	496	52,181	1,977	47	77	54,777	150
Other Liquids	2,629	45,981	124,390	981	6,662	180,643	495
Hydrogen/Biofuels/Other Hydrocarbons	1,594	13,650	20,713	669	3,088	39,714	109
Hydrogen	—	—	—	—	—	—	—
Biofuels	1,594	13,650	20,713	669	3,088	39,714	109
Fuel Ethanol	1,555	10,946	18,350	548	2,145	33,544	92
Biodiesel	38	2,704	2,363	122	943	6,169	17
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils	572	30,630	77,066	271	1,480	110,018	301
Naphthas and Lighter	185	29,318	72,356	0	740	102,599	281
Kerosene and Light Gas Oils	387	1,312	4,711	271	739	7,419	20
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	464	1,702	26,610	40	2,095	30,911	85
Reformulated	5	—	325	—	12	341	1
Conventional	459	1,702	26,285	40	2,083	30,570	84
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	20,997	9,503	945,019	199	111,021	1,086,739	2,977
Finished Motor Gasoline	770	2,362	283,362	9	11,479	297,981	816
Reformulated	—	—	—	—	—	—	—
Conventional	770	2,362	283,362	9	11,479	297,981	816
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	1,504	716	52,334	0	8,531	63,085	173
Kerosene	52	6	1,243	—	129	1,430	4
Distillate Fuel Oil	5,779	732	360,741	0	40,112	407,365	1,116
15 ppm sulfur and under	4,851	87	311,609	0	34,075	350,623	961
Greater than 15 ppm to 500 ppm sulfur	721	57	33,312	—	1,257	35,346	97
Greater than 500 ppm sulfur	207	588	15,820	—	4,780	21,396	59
Residual Fuel Oil	2,036	52	37,592	—	6,056	45,735	125
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	573	—	11,674	—	1,748	13,995	38
Special Naphthas	—	—	—	—	—	—	—
Lubricants	2,690	2,231	33,725	167	2,927	41,740	114
Waxes	864	325	257	2	49	1,497	4
Petroleum Coke	5,525	2,327	158,761	1	39,627	206,240	565
Asphalt and Road Oil	1,027	741	4,661	19	361	6,809	19
Miscellaneous Products	178	11	669	0	2	861	2
Total	126,617	171,718	3,294,679	1,252	141,361	3,735,628	10,235

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.