

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, January 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	139	190	0	329
3 .....	30	0	0	30
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	184	189	1,396	1,769
3 .....	51,477	40	0	51,517
4 .....	5,631	-	0	5,631
5 .....	-	-	3,215	3,215
<b>From 3 to</b>				
1 .....	123	2,224	0	2,347
2 .....	24,011	0	0	24,011
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	26,548	0	0	26,548
3 .....	284	0	1,323	1,607
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, February 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	129	268	0	397
3 .....	17	0	0	17
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	186	352	172	710
3 .....	51,860	163	0	52,023
4 .....	5,438	-	0	5,438
5 .....	-	-	3,238	3,238
<b>From 3 to</b>				
1 .....	108	1,277	0	1,385
2 .....	17,833	0	0	17,833
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	24,078	0	0	24,078
3 .....	265	0	1,363	1,628
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, March 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	145	332	0	477
3 .....	18	0	0	18
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	254	261	502	1,017
3 .....	61,805	123	10	61,938
4 .....	5,453	-	0	5,453
5 .....	-	-	2,473	2,473
<b>From 3 to</b>				
1 .....	114	1,650	0	1,764
2 .....	15,050	0	0	15,050
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	24,067	0	0	24,067
3 .....	274	0	1,304	1,578
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, April 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	160	180	0	340
3 .....	12	0	0	12
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	248	273	707	1,228
3 .....	61,371	176	0	61,547
4 .....	5,374	-	0	5,374
5 .....	-	-	3,775	3,775
<b>From 3 to</b>				
1 .....	107	1,637	0	1,744
2 .....	22,582	0	0	22,582
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	23,894	0	0	23,894
3 .....	315	0	703	1,018
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, May 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	131	153	0	284
3 .....	20	0	0	20
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	200	233	502	935
3 .....	61,715	261	0	61,976
4 .....	6,430	-	0	6,430
5 .....	-	-	3,472	3,472
<b>From 3 to</b>				
1 .....	118	1,326	0	1,444
2 .....	24,666	0	0	24,666
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	27,856	0	0	27,856
3 .....	307	0	1,396	1,703
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, June 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	140	181	0	321
3 .....	12	0	0	12
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	231	317	741	1,289
3 .....	56,056	134	0	56,190
4 .....	6,786	-	0	6,786
5 .....	-	-	3,932	3,932
<b>From 3 to</b>				
1 .....	109	1,592	0	1,701
2 .....	23,932	0	0	23,932
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	27,188	0	0	27,188
3 .....	295	0	866	1,161
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, July 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	123	133	0	256
3 .....	19	23	0	42
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	237	311	344	892
3 .....	61,106	225	0	61,331
4 .....	6,852	-	0	6,852
5 .....	-	-	4,386	4,386
<b>From 3 to</b>				
1 .....	114	989	0	1,103
2 .....	21,546	0	0	21,546
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	26,198	0	0	26,198
3 .....	317	0	1,562	1,879
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, August 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	114	105	0	219
3 .....	20	0	0	20
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	200	320	364	884
3 .....	58,318	168	0	58,486
4 .....	7,376	-	0	7,376
5 .....	-	-	3,591	3,591
<b>From 3 to</b>				
1 .....	107	1,354	0	1,461
2 .....	19,074	0	0	19,074
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	27,622	0	159	27,781
3 .....	317	0	1,730	2,047
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.



**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, September 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	164	385	0	549
3 .....	26	0	0	26
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	238	328	395	961
3 .....	63,986	118	0	64,104
4 .....	8,062	-	0	8,062
5 .....	-	-	2,916	2,916
<b>From 3 to</b>				
1 .....	113	328	0	441
2 .....	18,039	0	0	18,039
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	26,706	0	0	26,706
3 .....	289	0	337	626
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

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**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, October 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	163	286	0	449
3 .....	20	0	0	20
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	306	210	619	1,135
3 .....	68,932	120	0	69,052
4 .....	8,383	-	0	8,383
5 .....	-	-	3,426	3,426
<b>From 3 to</b>				
1 .....	115	0	0	115
2 .....	20,230	0	0	20,230
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	28,037	0	159	28,196
3 .....	273	0	987	1,260
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

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**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, November 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	134	264	0	398
3 .....	13	0	0	13
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	273	319	485	1,077
3 .....	64,685	123	0	64,808
4 .....	8,062	-	0	8,062
5 .....	-	-	3,579	3,579
<b>From 3 to</b>				
1 .....	108	1,041	0	1,149
2 .....	23,463	0	0	23,463
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	28,357	0	159	28,516
3 .....	292	0	2,139	2,431
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

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**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, December 2023**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	138	432	0	570
3 .....	16	0	0	16
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	260	335	492	1,087
3 .....	62,256	128	0	62,384
4 .....	8,508	-	0	8,508
5 .....	-	-	3,681	3,681
<b>From 3 to</b>				
1 .....	108	956	0	1,064
2 .....	22,099	0	0	22,099
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	30,386	0	159	30,545
3 .....	265	0	2,399	2,664
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.