

**Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, January 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	162	81	0	243
3 .....	73	0	0	73
4 .....	0	-	0	0
5 .....	-	0	0	0
<b>From 2 to</b>				
1 .....	233	357	2,551	3,141
3 .....	62,199	1,852	1,478	65,529
4 .....	7,345	-	0	7,345
5 .....	-	0	4,311	4,311
<b>From 3 to</b>				
1 .....	164	1,830	0	1,994
2 .....	34,215	0	0	34,215
4 .....	0	-	0	0
5 .....	-	475	127	602
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	25,855	0	0	25,855
3 .....	302	0	880	1,182
5 .....	-	0	76	76
<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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	147	161	0	308
3 .....	56	0	0	56
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	195	293	1,958	2,446
3 .....	56,060	1,990	140	58,190
4 .....	5,932	-	0	5,932
5 .....	-	-	3,097	3,097
<b>From 3 to</b>				
1 .....	142	1,821	0	1,963
2 .....	28,205	0	0	28,205
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	21,568	0	0	21,568
3 .....	310	0	690	1,000
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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	122	211	0	333
3 .....	64	0	0	64
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	251	366	2,739	3,356
3 .....	66,993	2,654	643	70,290
4 .....	6,495	-	0	6,495
5 .....	-	-	5,251	5,251
<b>From 3 to</b>				
1 .....	150	2,096	0	2,246
2 .....	27,650	0	0	27,650
4 .....	0	-	0	0
5 .....	-	-	179	179
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	22,798	0	0	22,798
3 .....	325	0	265	590
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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	201	154	0	355
3 .....	47	0	0	47
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	253	355	3,479	4,087
3 .....	64,965	2,932	565	68,462
4 .....	7,155	-	0	7,155
5 .....	-	-	6,327	6,327
<b>From 3 to</b>				
1 .....	134	1,831	24	1,989
2 .....	29,793	0	0	29,793
4 .....	0	-	0	0
5 .....	-	-	252	252
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	23,931	0	0	23,931
3 .....	325	0	553	878
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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	186	206	0	392
3 .....	44	0	0	44
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	268	311	4,973	5,552
3 .....	66,933	1,693	389	69,015
4 .....	6,698	-	0	6,698
5 .....	-	-	6,186	6,186
<b>From 3 to</b>				
1 .....	129	2,126	0	2,255
2 .....	33,950	0	0	33,950
4 .....	0	-	0	0
5 .....	-	-	95	95
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	23,461	0	0	23,461
3 .....	324	0	748	1,072
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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	255	104	0	359
3 .....	28	0	0	28
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	264	283	4,026	4,573
3 .....	66,411	1,088	1,000	68,499
4 .....	6,131	-	0	6,131
5 .....	-	-	5,363	5,363
<b>From 3 to</b>				
1 .....	120	1,536	0	1,656
2 .....	29,974	0	0	29,974
4 .....	0	-	0	0
5 .....	-	-	235	235
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	26,903	0	0	26,903
3 .....	313	0	547	860
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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	200	130	0	330
3 .....	37	0	0	37
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	301	308	3,268	3,877
3 .....	67,127	2,808	569	70,504
4 .....	6,581	-	0	6,581
5 .....	-	-	6,585	6,585
<b>From 3 to</b>				
1 .....	129	1,808	25	1,962
2 .....	31,774	0	0	31,774
4 .....	0	-	0	0
5 .....	-	-	305	305
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	25,799	0	0	25,799
3 .....	335	0	918	1,253
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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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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	192	158	0	350
3 .....	37	141	0	178
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	291	292	2,319	2,902
3 .....	66,086	2,994	603	69,683
4 .....	7,194	-	0	7,194
5 .....	-	-	4,752	4,752
<b>From 3 to</b>				
1 .....	129	604	0	733
2 .....	31,006	0	0	31,006
4 .....	0	-	0	0
5 .....	-	-	386	386
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	25,586	0	131	25,717
3 .....	317	0	956	1,273
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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	178	161	0	339
3 .....	27	0	0	27
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	192	271	3,639	4,102
3 .....	56,024	2,371	1,792	60,187
4 .....	6,922	-	0	6,922
5 .....	-	-	4,238	4,238
<b>From 3 to</b>				
1 .....	121	2,436	0	2,557
2 .....	26,611	0	0	26,611
4 .....	0	-	0	0
5 .....	-	-	669	669
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	25,849	0	0	25,849
3 .....	283	0	131	414
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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	175	215	0	390
3 .....	40	0	0	40
4 .....	0	-	0	0
5 .....	-	0	0	0
<b>From 2 to</b>				
1 .....	212	267	4,050	4,529
3 .....	57,334	2,707	2,013	62,054
4 .....	7,126	-	0	7,126
5 .....	-	0	5,109	5,109
<b>From 3 to</b>				
1 .....	130	2,452	0	2,582
2 .....	24,072	0	0	24,072
4 .....	0	-	0	0
5 .....	-	531	332	863
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	27,789	0	0	27,789
3 .....	352	0	131	483
5 .....	-	0	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, November 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	179	182	0	361
3 .....	29	133	0	162
4 .....	0	-	0	0
5 .....	-	0	0	0
<b>From 2 to</b>				
1 .....	106	282	5,758	6,146
3 .....	58,546	1,678	1,146	61,370
4 .....	6,443	-	0	6,443
5 .....	-	0	4,402	4,402
<b>From 3 to</b>				
1 .....	124	2,771	0	2,895
2 .....	20,824	140	0	20,964
4 .....	0	-	0	0
5 .....	-	319	515	834
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	25,980	0	0	25,980
3 .....	320	0	296	616
5 .....	-	0	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 2019**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	177	158	0	335
3 .....	40	0	0	40
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	153	345	4,011	4,509
3 .....	62,230	666	1,123	64,019
4 .....	6,768	-	0	6,768
5 .....	-	-	4,623	4,623
<b>From 3 to</b>				
1 .....	128	1,847	0	1,975
2 .....	20,354	0	0	20,354
4 .....	0	-	0	0
5 .....	-	-	386	386
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	27,788	0	0	27,788
3 .....	292	0	690	982
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.