

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, January 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	2,551	1,478	0	4,311
Propane	126	29	0	0	2,235	545	0	328
Propylene	0	0	-	-	408	440	-	-
Normal Butane	189	0	0	0	803	20	0	557
Isobutane	63	27	0	0	222	282	0	72
Fuel Ethanol	0	0	0	0	8,860	6,515	161	4,676
Biodiesel	0	0	0	0	417	163	54	167
Marketable Petroleum Coke	0	0	0	0	431	515	0	0
Asphalt and Road Oil	30	0	0	0	588	101	0	91

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	127	0	0	880	76
Propane	100	127	0	0	0	0	0	28
Propylene	0	0	-	-	0	0	0	-
Normal Butane	38	289	0	177	0	0	0	138
Isobutane	17	132	0	13	0	0	0	12
Fuel Ethanol	0	0	0	228	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0
Marketable Petroleum Coke	0	52	0	0	0	50	96	133
Asphalt and Road Oil	145	40	0	121	0	218	98	361

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	0	50	0
Asphalt and Road Oil	0	0	0	21

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, February 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,958	140	0	3,097
Propane	0	0	0	0	1,464	577	0	205
Propylene	0	0	-	-	203	201	-	-
Normal Butane	116	0	0	0	617	120	0	374
Isobutane	28	135	0	0	192	87	0	105
Fuel Ethanol	0	0	0	0	8,102	5,981	239	2,712
Biodiesel	0	0	0	0	281	270	18	165
Marketable Petroleum Coke	0	0	0	0	387	600	0	0
Asphalt and Road Oil	0	0	0	0	582	61	0	122

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	690	0
Propane	191	0	0	0	0	0	0	0
Propylene	0	0	-	-	0	0	0	-
Normal Butane	14	57	0	43	0	0	0	30
Isobutane	14	40	0	6	0	0	0	13
Fuel Ethanol	0	0	0	77	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0
Marketable Petroleum Coke	0	0	0	0	0	71	291	69
Asphalt and Road Oil	121	80	0	80	0	118	158	190

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	0	25	0
Asphalt and Road Oil	0	0	0	41

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, March 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	2,739	643	0	5,251
Propane	120	0	0	0	1,747	632	0	439
Propylene	0	0	-	-	394	443	-	-
Normal Butane	89	0	0	0	537	231	0	103
Isobutane	54	0	0	0	132	161	0	75
Fuel Ethanol	0	0	0	0	8,134	5,018	220	4,000
Biodiesel	0	0	0	0	411	342	72	71
Marketable Petroleum Coke	0	0	0	0	552	523	0	0
Asphalt and Road Oil	0	0	0	0	410	310	18	152

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	179	0	0	265	0
Propane	0	28	0	0	0	0	0	0
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	25	0	21	0	0	0	0
Isobutane	0	106	0	20	0	0	0	0
Fuel Ethanol	0	0	0	351	0	0	0	0
Biodiesel	19	0	0	0	0	0	0	0
Marketable Petroleum Coke	83	26	0	0	0	0	140	46
Asphalt and Road Oil	89	44	0	141	0	110	150	204

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	95	0	25
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.

Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, April 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	3,479	565	0	6,327
Propane	91	112	0	0	1,302	480	0	234
Propylene	0	0	-	-	192	218	-	-
Normal Butane	111	10	0	0	163	349	0	186
Isobutane	55	27	0	0	238	238	0	80
Fuel Ethanol	0	0	0	0	10,149	5,225	444	4,450
Biodiesel	0	0	0	0	217	320	57	268
Marketable Petroleum Coke	0	0	0	0	730	361	0	0
Asphalt and Road Oil	84	20	0	0	560	312	19	268

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	24	0	0	252	0	0	553	0
Propane	118	0	0	0	0	0	0	73
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	4	0	19	0	0	0	13
Isobutane	0	184	0	24	0	0	0	9
Fuel Ethanol	0	0	0	330	0	0	0	27
Biodiesel	0	0	0	67	0	0	0	0
Marketable Petroleum Coke	0	0	0	0	0	89	134	111
Asphalt and Road Oil	103	40	0	79	0	214	327	125

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	25	0
Marketable Petroleum Coke	0	159	48	24
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, May 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	4,973	389	0	6,186
Propane	64	52	0	0	976	470	0	240
Propylene	0	0	-	-	465	332	-	-
Normal Butane	138	74	0	0	346	493	0	77
Isobutane	82	83	0	0	197	176	0	169
Fuel Ethanol	0	0	0	0	10,080	5,459	384	4,364
Biodiesel	0	0	0	0	190	329	38	209
Marketable Petroleum Coke	0	0	0	0	181	248	0	0
Asphalt and Road Oil	0	20	0	0	649	242	19	202

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	95	0	0	748	0
Propane	92	105	0	0	0	0	0	29
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	121	0	0	0	16
Isobutane	0	17	0	37	0	0	0	101
Fuel Ethanol	0	0	0	0	0	0	0	0
Biodiesel	0	0	0	67	0	0	0	0
Marketable Petroleum Coke	26	0	0	0	0	143	125	45
Asphalt and Road Oil	265	137	0	198	0	286	157	155

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	25
Marketable Petroleum Coke	24	48	48	24
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, June 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	4,026	1,000	0	5,363
Propane	56	110	0	0	847	674	0	250
Propylene	0	0	-	-	306	217	-	-
Normal Butane	36	92	0	0	145	712	0	243
Isobutane	0	79	0	0	297	135	0	51
Fuel Ethanol	0	0	0	0	8,950	5,857	170	4,561
Biodiesel	0	0	-	0	116	129	-	76
Marketable Petroleum Coke	0	0	0	0	616	195	0	0
Asphalt and Road Oil	0	0	0	0	501	305	19	211

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	235	0	0	547	0
Propane	0	58	0	0	0	0	0	72
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	1	0	82	0	0	0	10
Isobutane	0	38	0	35	0	0	0	1
Fuel Ethanol	0	0	0	205	0	0	0	0
Biodiesel	20	0	-	45	0	0	0	0
Marketable Petroleum Coke	81	0	0	0	0	226	492	49
Asphalt and Road Oil	162	44	0	79	20	186	180	406

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	-
Marketable Petroleum Coke	0	0	96	0
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, July 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	3,268	569	0	6,585
Propane	48	0	0	0	1,011	640	0	158
Propylene	0	0	-	-	292	508	-	-
Normal Butane	41	0	0	0	206	359	0	139
Isobutane	66	82	0	0	320	79	0	102
Fuel Ethanol	0	0	0	0	9,695	4,555	477	3,751
Biodiesel	0	0	0	0	123	113	69	341
Marketable Petroleum Coke	0	25	0	0	572	561	0	24
Asphalt and Road Oil	0	0	0	0	740	134	0	158

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	25	0	0	305	0	0	918	0
Propane	27	0	0	0	0	0	0	90
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	1	0	132	0	0	0	25
Isobutane	0	37	0	38	0	0	0	0
Fuel Ethanol	0	0	0	289	0	0	0	28
Biodiesel	35	0	0	86	0	0	0	0
Marketable Petroleum Coke	0	0	0	0	0	0	158	0
Asphalt and Road Oil	201	59	0	39	0	228	38	301

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	50
Marketable Petroleum Coke	0	25	50	0
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, August 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	2,319	603	0	4,752
Propane	276	12	0	0	1,373	962	0	241
Propylene	0	0	-	-	216	279	-	-
Normal Butane	264	35	0	0	334	401	0	253
Isobutane	68	163	0	0	63	218	0	156
Fuel Ethanol	0	0	0	0	9,302	5,515	690	4,079
Biodiesel	0	0	0	0	137	334	53	106
Marketable Petroleum Coke	0	50	0	0	614	422	0	24
Asphalt and Road Oil	0	0	0	0	1,134	290	19	199

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	386	0	131	956	0
Propane	54	0	0	0	0	0	0	226
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	1	0	131	0	0	0	0
Isobutane	0	101	0	66	0	0	0	0
Fuel Ethanol	0	0	0	47	0	0	0	0
Biodiesel	0	0	0	93	0	0	0	0
Marketable Petroleum Coke	79	26	0	0	0	124	345	20
Asphalt and Road Oil	145	186	0	215	0	195	286	427

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	25
Marketable Petroleum Coke	0	0	25	0
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.

Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, September 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	3,639	1,792	0	4,238
Propane	114	0	0	0	1,043	522	0	217
Propylene	0	0	-	-	271	414	-	-
Normal Butane	0	28	0	0	438	295	0	290
Isobutane	27	163	0	0	140	286	0	160
Fuel Ethanol	0	0	0	0	8,613	4,335	378	3,054
Biodiesel	0	0	0	0	53	215	53	229
Marketable Petroleum Coke	0	25	0	0	718	134	50	0
Asphalt and Road Oil	0	20	0	0	869	160	0	263

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	669	0	0	131	0
Propane	38	35	0	0	0	0	0	79
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	7	0	0	0	0	0	70
Isobutane	0	41	0	0	0	0	0	0
Fuel Ethanol	0	0	0	0	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0
Marketable Petroleum Coke	0	26	0	0	0	0	236	81
Asphalt and Road Oil	137	39	0	59	95	46	265	275

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	25	0	50	50
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, October 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	4,050	2,013	0	5,109
Propane	114	0	0	0	1,383	646	0	361
Propylene	0	0	-	-	77	291	-	-
Normal Butane	56	0	0	0	709	205	0	257
Isobutane	80	54	0	0	112	173	0	196
Fuel Ethanol	0	0	0	0	8,466	5,162	346	4,216
Biodiesel	0	0	0	0	157	139	0	211
Marketable Petroleum Coke	0	25	0	0	701	726	0	47
Asphalt and Road Oil	0	0	0	0	900	97	0	127

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	332	0	0	131	0
Propane	182	63	0	0	0	0	0	172
Propylene	0	0	-	-	0	0	0	-
Normal Butane	17	82	0	80	0	0	0	30
Isobutane	8	96	0	21	0	0	0	4
Fuel Ethanol	0	0	0	198	0	0	0	0
Biodiesel	0	0	0	104	0	0	0	0
Marketable Petroleum Coke	55	0	0	0	0	110	356	89
Asphalt and Road Oil	231	78	0	117	0	176	93	245

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	25
Marketable Petroleum Coke	0	25	0	25
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, November 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	5,758	1,146	0	4,402
Propane	154	0	0	0	1,317	657	0	327
Propylene	0	0	-	-	79	316	-	-
Normal Butane	58	0	0	0	589	150	0	449
Isobutane	56	0	0	0	102	149	0	202
Fuel Ethanol	0	0	0	0	8,901	5,697	453	2,992
Biodiesel	0	0	0	0	120	229	53	225
Marketable Petroleum Coke	0	25	0	0	983	162	26	0
Asphalt and Road Oil	18	0	0	0	520	329	18	277

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	515	0	0	296	0
Propane	116	188	0	0	0	0	0	56
Propylene	0	0	-	-	0	0	0	-
Normal Butane	56	132	0	29	0	0	0	124
Isobutane	24	63	0	28	0	0	0	16
Fuel Ethanol	0	0	0	0	0	0	0	28
Biodiesel	17	0	0	35	0	0	0	0
Marketable Petroleum Coke	0	26	0	0	0	113	67	121
Asphalt and Road Oil	155	115	0	98	0	267	131	290

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	50	25	0
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, December 2019
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	4,011	1,123	0	4,623
Propane	0	0	0	0	1,357	427	0	289
Propylene	0	0	-	-	235	248	-	-
Normal Butane	116	0	0	0	815	60	0	1,040
Isobutane	56	28	0	0	301	45	0	227
Fuel Ethanol	0	0	0	0	9,421	5,838	376	4,557
Biodiesel	0	0	0	0	241	245	35	280
Marketable Petroleum Coke	0	0	0	0	629	524	24	0
Asphalt and Road Oil	24	0	0	0	610	136	0	214

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	386	0	0	690	0
Propane	458	469	0	0	0	0	0	149
Propylene	0	0	-	-	0	0	0	-
Normal Butane	154	174	0	65	0	0	0	136
Isobutane	15	107	0	35	0	0	0	21
Fuel Ethanol	0	0	0	0	0	0	0	28
Biodiesel	0	0	0	38	0	0	0	0
Marketable Petroleum Coke	0	0	0	53	0	18	48	40
Asphalt and Road Oil	172	237	0	156	0	131	190	317

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	0	25	0
Asphalt and Road Oil	0	0	0	20

- = No Data Reported.
Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.