

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, January 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,396	0	0	3,215
Propane	130	9	0	0	1,355	238	0	310
Propylene	0	0	-	-	171	399	-	-
Normal Butane	256	1	0	0	286	30	0	682
Isobutane	159	27	0	0	97	18	0	52
Fuel Ethanol	0	0	0	0	8,053	4,530	555	3,226
Biodiesel	0	0	0	0	178	255	14	320
Renewable Diesel Fuel	0	0	0	0	0	0	0	664
Marketable Petroleum Coke	0	12	0	0	401	747	13	6
Asphalt and Road Oil	47	0	0	0	753	292	5	175

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,323	0
Propane	356	145	0	0	0	0	0	393
Propylene	0	0	-	-	0	0	0	-
Normal Butane	21	273	0	131	0	0	0	292
Isobutane	0	122	0	100	0	0	0	62
Fuel Ethanol	0	0	0	509	0	0	0	72
Biodiesel	0	0	0	45	0	0	0	0
Renewable Diesel Fuel	3	3	0	623	0	0	0	254
Marketable Petroleum Coke	32	22	0	0	0	85	120	79
Asphalt and Road Oil	136	82	5	72	0	58	122	279

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
Renewable Diesel Fuel	0	0	0	0
Marketable Petroleum Coke	3	13	64	29
Asphalt and Road Oil	0	0	0	36

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, February 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	172	0	0	3,238
Propane	32	0	0	0	1,234	317	0	187
Propylene	0	0	-	-	250	412	-	-
Normal Butane	117	10	0	0	396	59	0	388
Isobutane	186	7	0	0	119	26	0	62
Fuel Ethanol	0	0	0	0	8,827	4,789	482	3,533
Biodiesel	5	0	0	0	216	235	18	277
Renewable Diesel Fuel	0	0	0	0	-	0	0	400
Marketable Petroleum Coke	0	6	0	0	252	993	29	32
Asphalt and Road Oil	100	0	0	0	789	188	36	237

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,363	0
Propane	264	130	0	0	0	0	0	126
Propylene	0	0	-	-	0	0	0	-
Normal Butane	25	111	0	53	0	0	0	109
Isobutane	0	132	0	44	0	0	0	42
Fuel Ethanol	0	0	0	24	0	0	0	81
Biodiesel	0	0	0	14	0	0	0	0
Renewable Diesel Fuel	-	0	9	516	-	0	0	316
Marketable Petroleum Coke	45	29	0	0	0	16	171	66
Asphalt and Road Oil	109	55	2	114	0	46	157	132

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
Renewable Diesel Fuel	-	3	0	0
Marketable Petroleum Coke	0	16	23	6
Asphalt and Road Oil	0	0	0	41

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, March 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	502	10	0	2,473
Propane	40	0	0	0	1,192	321	0	367
Propylene	0	0	-	-	183	599	-	-
Normal Butane	91	44	0	0	356	98	0	218
Isobutane	218	10	0	0	148	78	0	48
Fuel Ethanol	0	0	0	0	10,379	5,476	454	4,033
Biodiesel	0	0	0	0	192	264	18	352
Renewable Diesel Fuel	0	0	0	0	-	0	0	459
Marketable Petroleum Coke	0	6	0	0	100	1,213	6	23
Asphalt and Road Oil	44	0	0	0	756	186	70	204

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,304	0
Propane	167	37	0	0	0	0	0	70
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	5	0	7	0	0	0	71
Isobutane	0	210	0	7	0	0	0	28
Fuel Ethanol	0	0	0	448	0	0	0	111
Biodiesel	0	0	0	14	0	0	0	0
Renewable Diesel Fuel	-	3	0	767	-	0	0	296
Marketable Petroleum Coke	6	26	0	0	0	196	161	104
Asphalt and Road Oil	97	67	7	99	5	173	165	157

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
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	6	13	26	6
Asphalt and Road Oil	3	0	0	10

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, April 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	707	0	0	3,775
Propane	29	7	0	0	499	295	0	316
Propylene	0	0	-	-	275	628	-	-
Normal Butane	255	11	0	0	140	71	0	78
Isobutane	76	24	0	0	108	61	0	75
Fuel Ethanol	0	0	0	0	8,441	5,436	372	3,821
Biodiesel	3	10	0	0	108	232	7	250
Renewable Diesel Fuel	0	0	0	0	-	0	0	416
Marketable Petroleum Coke	0	6	0	0	456	760	6	0
Asphalt and Road Oil	30	7	0	0	784	258	72	209

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	703	0
Propane	117	19	0	0	0	0	0	130
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	0	0	0	0	47
Isobutane	0	137	0	23	0	0	0	43
Fuel Ethanol	0	0	0	309	0	0	0	55
Biodiesel	0	3	0	3	0	0	0	0
Renewable Diesel Fuel	-	3	0	563	-	3	0	206
Marketable Petroleum Coke	45	32	0	3	0	117	218	73
Asphalt and Road Oil	79	74	0	107	13	71	165	119

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	6
Renewable Diesel Fuel	-	0	0	6
Marketable Petroleum Coke	3	23	32	19
Asphalt and Road Oil	0	0	0	52

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, May 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	502	0	0	3,472
Propane	68	13	0	0	491	353	0	523
Propylene	0	0	-	-	187	488	-	-
Normal Butane	180	5	0	0	107	257	0	89
Isobutane	96	20	0	0	152	52	0	79
Fuel Ethanol	0	0	0	0	8,584	5,238	499	5,305
Biodiesel	5	0	0	0	63	212	9	212
Renewable Diesel Fuel	0	0	0	0	-	0	0	142
Marketable Petroleum Coke	0	0	0	0	230	488	16	6
Asphalt and Road Oil	26	0	0	0	980	353	34	222

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,396	0
Propane	103	36	0	0	0	0	0	138
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	0	0	0	0	0
Isobutane	0	95	0	50	0	0	0	6
Fuel Ethanol	0	0	0	0	0	0	0	39
Biodiesel	0	6	0	39	0	0	0	0
Renewable Diesel Fuel	-	0	3	632	-	0	0	392
Marketable Petroleum Coke	13	16	0	0	0	266	108	154
Asphalt and Road Oil	126	72	0	114	0	109	172	89

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	28
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	0	19	26	0
Asphalt and Road Oil	0	0	3	52

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, June 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	741	0	0	3,932
Propane	32	4	0	0	536	361	0	258
Propylene	0	0	-	-	225	407	-	-
Normal Butane	72	7	0	0	47	160	0	106
Isobutane	46	7	0	0	84	32	0	8
Fuel Ethanol	0	0	0	0	9,441	5,351	482	4,195
Biodiesel	5	0	0	0	29	198	27	235
Renewable Diesel Fuel	0	0	0	0	-	0	0	566
Marketable Petroleum Coke	0	9	0	0	503	535	10	13
Asphalt and Road Oil	56	0	0	0	900	157	54	302

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	866	0
Propane	96	38	0	0	0	0	0	44
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	1	0	0	0	1
Isobutane	0	55	0	74	0	0	0	47
Fuel Ethanol	0	0	0	352	0	0	0	55
Biodiesel	0	3	0	20	0	0	0	0
Renewable Diesel Fuel	-	3	0	491	-	3	0	364
Marketable Petroleum Coke	3	16	0	0	0	241	32	108
Asphalt and Road Oil	52	84	0	79	0	66	150	325

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	15
Renewable Diesel Fuel	-	0	0	6
Marketable Petroleum Coke	3	16	32	3
Asphalt and Road Oil	0	0	0	39

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, July 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	344	0	0	4,386
Propane	48	0	0	0	539	602	0	336
Propylene	0	0	-	-	322	535	-	-
Normal Butane	226	7	0	0	85	183	0	224
Isobutane	125	45	0	0	200	63	0	40
Fuel Ethanol	0	0	0	0	8,542	5,266	609	4,498
Biodiesel	6	0	0	0	86	212	14	203
Renewable Diesel Fuel	0	0	0	0	-	0	0	464
Marketable Petroleum Coke	0	9	0	0	203	670	3	10
Asphalt and Road Oil	34	0	0	0	852	189	10	215

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,562	0
Propane	79	29	0	0	0	0	0	85
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	27	0	3	0	0	0	0
Isobutane	0	93	0	25	0	0	0	0
Fuel Ethanol	0	0	0	723	0	0	0	62
Biodiesel	0	6	0	19	0	0	0	0
Renewable Diesel Fuel	-	6	3	629	-	0	0	318
Marketable Petroleum Coke	64	6	0	0	0	31	100	129
Asphalt and Road Oil	72	84	0	89	0	116	163	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	12
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	10	16	26	32
Asphalt and Road Oil	0	0	0	10

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, August 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	364	0	0	3,591
Propane	86	4	0	0	669	492	0	466
Propylene	0	0	-	-	257	418	-	-
Normal Butane	95	18	0	0	259	151	0	269
Isobutane	98	41	0	0	197	38	0	150
Fuel Ethanol	0	0	0	0	8,124	5,415	460	3,464
Biodiesel	0	0	0	0	95	215	55	286
Renewable Diesel Fuel	0	0	0	0	-	0	0	362
Marketable Petroleum Coke	0	19	0	0	551	568	7	10
Asphalt and Road Oil	2	0	0	0	1,079	276	10	300

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	159	1,730	0
Propane	98	19	0	0	0	0	0	113
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	3	0	0	0	1
Isobutane	0	105	0	87	0	0	0	6
Fuel Ethanol	0	0	0	262	0	0	0	29
Biodiesel	0	0	3	84	0	0	0	0
Renewable Diesel Fuel	-	6	6	654	-	0	0	305
Marketable Petroleum Coke	105	22	0	0	0	63	44	50
Asphalt and Road Oil	104	74	0	87	0	101	198	230

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	12
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	0	39	26	29
Asphalt and Road Oil	0	0	0	13

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, September 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	395	0	0	2,916
Propane	35	7	0	0	717	406	0	345
Propylene	0	0	-	-	220	612	-	-
Normal Butane	143	23	0	0	679	109	0	260
Isobutane	186	39	0	0	118	61	0	73
Fuel Ethanol	0	0	0	0	8,616	4,558	398	4,008
Biodiesel	0	0	0	0	62	210	21	253
Renewable Diesel Fuel	0	0	0	0	-	0	0	528
Marketable Petroleum Coke	0	16	0	0	234	1,030	29	20
Asphalt and Road Oil	16	0	0	0	863	284	28	195

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	337	0
Propane	186	18	0	0	0	0	0	88
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	7	0	59	0	0	0	11
Isobutane	0	94	0	33	0	0	0	9
Fuel Ethanol	0	0	0	196	0	0	0	13
Biodiesel	0	0	0	16	0	0	0	0
Renewable Diesel Fuel	-	0	0	698	-	0	0	411
Marketable Petroleum Coke	25	29	0	0	0	50	38	154
Asphalt and Road Oil	114	77	0	64	0	82	136	252

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	24
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	13	26	10	0
Asphalt and Road Oil	0	0	0	5

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, October 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	619	0	0	3,426
Propane	29	4	0	0	841	330	0	413
Propylene	0	0	-	-	260	483	-	-
Normal Butane	124	65	0	0	661	185	0	475
Isobutane	190	21	0	0	0	59	0	7
Fuel Ethanol	0	0	0	0	8,927	5,515	405	3,896
Biodiesel	0	0	0	0	100	198	19	343
Renewable Diesel Fuel	0	0	0	0	-	0	0	384
Marketable Petroleum Coke	0	12	0	0	82	609	3	20
Asphalt and Road Oil	13	4	0	0	1,044	312	33	195

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	159	987	0
Propane	169	28	0	0	0	0	0	193
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	110	0	166	0	0	0	420
Isobutane	0	223	0	43	0	0	0	65
Fuel Ethanol	0	0	0	617	0	0	0	42
Biodiesel	0	47	0	40	0	0	0	0
Renewable Diesel Fuel	-	3	3	825	-	0	0	394
Marketable Petroleum Coke	57	25	0	3	0	315	75	50
Asphalt and Road Oil	92	12	2	55	2	79	218	255

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	3
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	0	68	3	0
Asphalt and Road Oil	0	0	0	5

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, November 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	485	0	0	3,579
Propane	26	0	0	0	1,050	360	0	335
Propylene	0	0	-	-	188	547	-	-
Normal Butane	91	0	0	0	671	184	0	697
Isobutane	186	14	0	0	44	39	0	55
Fuel Ethanol	0	0	0	0	8,973	5,698	385	3,603
Biodiesel	0	0	0	0	117	286	17	463
Renewable Diesel Fuel	0	0	0	0	-	0	0	347
Marketable Petroleum Coke	0	3	0	0	691	762	7	36
Asphalt and Road Oil	36	0	0	0	663	279	46	151

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	159	2,139	0
Propane	198	53	0	0	0	0	0	374
Propylene	0	0	-	-	0	0	0	-
Normal Butane	4	91	0	139	0	0	0	725
Isobutane	0	117	0	50	0	0	0	150
Fuel Ethanol	0	0	0	563	0	0	0	78
Biodiesel	0	0	0	9	0	0	0	0
Renewable Diesel Fuel	-	3	0	687	-	0	0	339
Marketable Petroleum Coke	83	10	0	3	0	310	47	157
Asphalt and Road Oil	32	37	5	72	2	40	200	364

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
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	6	13	13	0
Asphalt and Road Oil	0	0	0	5

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, December 2023
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	492	0	0	3,681
Propane	44	11	0	0	1,404	305	0	366
Propylene	0	0	-	-	160	471	-	-
Normal Butane	159	18	0	0	760	100	0	720
Isobutane	170	31	0	0	122	206	0	73
Fuel Ethanol	0	0	0	0	10,716	6,868	432	3,327
Biodiesel	0	0	0	0	165	272	21	403
Renewable Diesel Fuel	0	0	0	0	-	0	0	368
Marketable Petroleum Coke	0	3	0	0	376	1,280	7	46
Asphalt and Road Oil	83	2	0	0	829	302	28	125

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	159	2,399	0
Propane	245	88	0	0	0	0	0	212
Propylene	0	0	-	-	0	0	0	-
Normal Butane	32	217	0	74	0	0	0	497
Isobutane	0	88	0	99	0	0	0	109
Fuel Ethanol	0	0	0	281	0	0	0	81
Biodiesel	0	0	0	22	0	0	0	0
Renewable Diesel Fuel	-	0	6	764	-	0	0	321
Marketable Petroleum Coke	48	10	0	6	0	19	31	358
Asphalt and Road Oil	74	77	0	139	0	59	173	149

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	3
Renewable Diesel Fuel	-	0	0	0
Marketable Petroleum Coke	3	10	23	84
Asphalt and Road Oil	0	0	0	18

- = No Data Reported.