

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, January 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,030	0	0	1,817
Propane	12	2	0	0	1,635	282	0	205
Propylene	0	0	-	-	311	603	-	-
Normal Butane	152	1	0	0	333	61	0	734
Isobutane	105	14	0	0	112	75	0	24
Fuel Ethanol	0	0	0	0	9,651	5,106	350	2,738
Biodiesel	3	0	0	0	283	353	11	283
Marketable Petroleum Coke	0	12	0	0	75	1,510	10	75
Asphalt and Road Oil	46	0	0	0	611	181	0	146

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	19	0	0	173	0
Propane	179	87	0	0	0	0	0	408
Propylene	0	0	-	-	0	0	0	-
Normal Butane	69	300	0	138	0	0	0	159
Isobutane	11	207	0	75	0	0	0	39
Fuel Ethanol	0	0	0	268	0	0	0	91
Biodiesel	6	0	0	67	0	0	0	0
Marketable Petroleum Coke	3	26	0	6	0	161	148	3
Asphalt and Road Oil	132	47	0	84	0	30	190	185

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
Marketable Petroleum Coke	3	33	52	13
Asphalt and Road Oil	0	0	0	33

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, February 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	575	0	0	1,672
Propane	22	0	0	0	1,291	637	0	219
Propylene	0	0	-	-	214	520	-	-
Normal Butane	80	3	0	0	310	4	0	343
Isobutane	161	3	0	0	122	71	0	42
Fuel Ethanol	0	0	0	0	6,666	6,624	259	3,540
Biodiesel	15	0	0	3	190	301	23	231
Marketable Petroleum Coke	0	3	0	0	522	659	3	36
Asphalt and Road Oil	36	0	0	0	641	181	10	158

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	32	0	0	346	0
Propane	157	45	0	0	0	0	0	313
Propylene	0	0	-	-	0	0	0	-
Normal Butane	29	119	0	94	0	0	0	228
Isobutane	0	245	0	133	0	0	0	87
Fuel Ethanol	0	0	0	297	0	0	0	65
Biodiesel	6	0	0	30	0	0	0	0
Marketable Petroleum Coke	6	13	0	0	0	6	110	35
Asphalt and Road Oil	97	20	0	47	0	47	124	225

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	7	7	39	13
Asphalt and Road Oil	0	0	3	5

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, March 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,498	0	0	2,831
Propane	32	0	0	0	1,496	316	0	216
Propylene	0	0	-	-	367	515	-	-
Normal Butane	192	0	0	0	434	109	0	191
Isobutane	118	0	0	0	174	106	0	78
Fuel Ethanol	0	0	0	0	8,474	4,786	377	3,348
Biodiesel	0	0	0	0	289	359	20	273
Marketable Petroleum Coke	0	18	0	0	370	870	23	16
Asphalt and Road Oil	0	0	0	0	853	164	0	243

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	26	0	0	346	0
Propane	185	28	0	0	0	0	0	212
Propylene	0	0	-	-	0	0	0	-
Normal Butane	7	10	0	14	0	0	0	66
Isobutane	0	80	0	104	0	0	0	18
Fuel Ethanol	0	0	0	437	0	0	0	68
Biodiesel	0	0	0	94	0	0	0	0
Marketable Petroleum Coke	13	13	0	0	0	77	113	42
Asphalt and Road Oil	112	112	7	132	0	163	200	291

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	3	78	29	3
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, April 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,242	0	0	3,039
Propane	55	4	0	0	1,096	379	0	241
Propylene	0	0	-	-	403	476	-	-
Normal Butane	186	90	0	0	249	217	0	165
Isobutane	194	24	0	0	134	48	0	17
Fuel Ethanol	0	0	0	0	6,445	5,160	417	4,424
Biodiesel	0	0	0	0	242	250	23	316
Marketable Petroleum Coke	0	6	0	0	198	435	6	45
Asphalt and Road Oil	0	0	0	0	570	342	23	294

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	42	0	0	346	0
Propane	94	17	0	0	0	0	0	71
Propylene	0	0	-	-	0	0	0	-
Normal Butane	15	4	0	7	0	0	0	34
Isobutane	0	123	0	17	0	0	0	14
Fuel Ethanol	0	0	0	356	0	0	0	39
Biodiesel	0	0	0	64	0	0	0	0
Marketable Petroleum Coke	3	19	0	10	0	216	54	6
Asphalt and Road Oil	132	42	0	179	0	86	101	156

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	13	16	36	10
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, May 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	802	0	0	1,440
Propane	58	4	0	0	1,002	381	0	239
Propylene	0	0	-	-	321	540	-	-
Normal Butane	72	140	0	0	178	185	0	84
Isobutane	120	0	0	0	141	43	0	39
Fuel Ethanol	0	0	0	0	9,057	4,476	518	3,758
Biodiesel	29	0	0	0	99	329	9	262
Marketable Petroleum Coke	0	15	0	0	537	634	3	39
Asphalt and Road Oil	0	0	0	0	856	383	20	256

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	19	0	0	1,037	0
Propane	121	8	0	0	0	0	0	69
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	6	0	0	0	7
Isobutane	0	241	0	106	0	0	0	10
Fuel Ethanol	0	0	0	269	0	0	0	71
Biodiesel	0	12	0	169	0	0	0	0
Marketable Petroleum Coke	81	32	0	10	0	55	45	42
Asphalt and Road Oil	117	15	2	154	0	77	124	205

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	7	33	26	75
Asphalt and Road Oil	0	0	0	30

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, June 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,086	27	0	4,091
Propane	58	4	0	0	904	487	0	212
Propylene	0	0	-	-	323	498	-	-
Normal Butane	177	25	0	0	242	139	0	201
Isobutane	149	13	0	0	160	65	0	62
Fuel Ethanol	0	0	0	0	9,139	4,223	437	3,758
Biodiesel	0	0	0	0	97	221	32	255
Marketable Petroleum Coke	0	20	0	0	104	678	13	26
Asphalt and Road Oil	0	0	0	0	830	363	8	181

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	13	0	0	691	0
Propane	65	11	0	0	0	0	0	107
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	7	0	0	0	2
Isobutane	0	137	0	34	0	0	0	3
Fuel Ethanol	0	0	0	336	0	0	0	65
Biodiesel	0	39	0	67	0	0	0	0
Marketable Petroleum Coke	6	32	0	3	0	6	13	0
Asphalt and Road Oil	159	87	0	89	5	259	59	136

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	13	82	104
Asphalt and Road Oil	0	0	0	15

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, July 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	722	0	0	2,021
Propane	62	7	0	0	747	476	0	292
Propylene	0	0	-	-	434	582	-	-
Normal Butane	213	42	0	0	255	231	0	256
Isobutane	126	24	0	0	60	67	0	54
Fuel Ethanol	0	0	0	0	7,084	4,086	386	4,439
Biodiesel	16	0	0	0	97	210	16	280
Marketable Petroleum Coke	0	9	0	0	218	1,217	13	16
Asphalt and Road Oil	38	0	0	0	824	371	5	198

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	36	0	0	343	0
Propane	55	49	0	0	0	0	0	79
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	5	0	0	0	3
Isobutane	0	140	0	67	0	0	0	6
Fuel Ethanol	0	0	0	259	0	0	0	66
Biodiesel	0	31	0	55	0	0	0	0
Marketable Petroleum Coke	54	19	0	6	0	151	40	99
Asphalt and Road Oil	188	35	5	173	0	172	170	147

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	19
Marketable Petroleum Coke	0	29	35	141
Asphalt and Road Oil	0	0	0	23

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, August 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	994	13	0	2,363
Propane	79	11	0	0	863	401	0	227
Propylene	0	0	-	-	305	594	-	-
Normal Butane	206	53	0	0	187	129	0	193
Isobutane	196	34	0	0	77	68	0	55
Fuel Ethanol	0	0	0	0	8,713	4,766	440	4,503
Biodiesel	0	0	0	0	84	160	21	290
Marketable Petroleum Coke	0	12	0	0	505	983	16	29
Asphalt and Road Oil	0	0	0	0	932	270	3	106

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	859	0
Propane	43	29	0	0	0	0	0	81
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	5	0	0	0	20
Isobutane	0	158	0	29	0	0	0	11
Fuel Ethanol	0	0	0	590	0	0	0	52
Biodiesel	0	34	0	59	0	0	0	0
Marketable Petroleum Coke	6	29	0	6	0	169	83	123
Asphalt and Road Oil	110	85	3	115	0	154	121	205

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
Marketable Petroleum Coke	0	19	61	45
Asphalt and Road Oil	0	0	0	8

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, September 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,613	216	0	2,808
Propane	39	11	0	0	948	312	0	209
Propylene	0	0	-	-	282	501	-	-
Normal Butane	74	33	0	0	482	97	0	127
Isobutane	153	33	0	0	87	31	0	48
Fuel Ethanol	0	0	0	0	9,264	4,256	423	3,232
Biodiesel	0	0	0	0	148	140	42	327
Marketable Petroleum Coke	0	3	0	0	369	535	3	10
Asphalt and Road Oil	0	13	0	0	754	144	3	162

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,032	0
Propane	90	28	0	0	0	0	0	83
Propylene	0	0	-	-	0	0	0	-
Normal Butane	3	7	0	20	0	0	0	40
Isobutane	0	91	0	67	0	0	0	2
Fuel Ethanol	0	0	0	160	0	0	0	46
Biodiesel	0	0	0	59	0	0	0	0
Marketable Petroleum Coke	0	10	0	10	0	6	37	37
Asphalt and Road Oil	103	75	3	133	0	195	248	170

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	42	74	10
Asphalt and Road Oil	0	0	0	8

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, October 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	867	106	0	2,164
Propane	83	14	0	0	1,092	210	0	339
Propylene	0	0	-	-	307	367	-	-
Normal Butane	145	0	0	0	288	21	0	470
Isobutane	180	41	0	0	80	30	0	45
Fuel Ethanol	0	0	0	0	8,666	4,965	440	3,594
Biodiesel	0	0	0	0	141	234	29	397
Marketable Petroleum Coke	0	12	0	0	218	310	13	16
Asphalt and Road Oil	43	0	0	0	955	144	5	188

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,374	0
Propane	301	131	0	0	0	0	0	121
Propylene	0	0	-	-	0	0	0	-
Normal Butane	38	136	0	26	0	0	0	237
Isobutane	1	223	0	99	0	0	0	32
Fuel Ethanol	0	0	0	639	0	0	0	43
Biodiesel	0	0	0	95	0	0	0	0
Marketable Petroleum Coke	105	58	0	6	0	177	111	110
Asphalt and Road Oil	150	55	5	105	0	109	129	314

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	19	51	6
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, November 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	890	53	0	3,564
Propane	52	4	0	0	1,281	309	0	273
Propylene	0	0	-	-	157	329	-	-
Normal Butane	153	0	0	0	358	64	0	718
Isobutane	140	20	0	0	77	45	0	32
Fuel Ethanol	0	0	0	0	8,853	4,906	453	4,010
Biodiesel	0	0	0	0	120	281	31	400
Marketable Petroleum Coke	0	12	0	0	274	730	33	10
Asphalt and Road Oil	63	0	0	0	778	206	0	108

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,383	0
Propane	266	116	0	0	0	0	0	192
Propylene	0	0	-	-	0	0	0	-
Normal Butane	31	303	0	93	0	0	0	307
Isobutane	1	235	0	48	0	0	0	75
Fuel Ethanol	0	0	0	508	0	0	0	92
Biodiesel	0	0	0	74	0	0	0	0
Marketable Petroleum Coke	16	10	0	10	0	0	3	6
Asphalt and Road Oil	115	80	0	93	0	78	124	207

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	71	55	3
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, December 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,156	0	0	2,234
Propane	42	9	0	0	1,246	313	0	410
Propylene	0	0	-	-	267	532	-	-
Normal Butane	197	0	0	0	316	59	0	673
Isobutane	135	24	0	0	109	34	0	62
Fuel Ethanol	0	0	0	0	9,173	4,131	440	2,979
Biodiesel	0	0	0	0	256	274	34	452
Marketable Petroleum Coke	0	24	0	0	486	754	20	3
Asphalt and Road Oil	40	0	0	0	649	268	5	134

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,017	0
Propane	257	64	0	0	0	0	0	286
Propylene	0	0	-	-	0	0	0	-
Normal Butane	75	372	0	154	0	0	0	408
Isobutane	0	240	0	38	0	0	0	75
Fuel Ethanol	0	0	0	494	0	0	0	121
Biodiesel	0	0	0	80	0	0	0	0
Marketable Petroleum Coke	50	16	0	13	0	168	40	64
Asphalt and Road Oil	100	45	0	75	0	86	111	306

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
Marketable Petroleum Coke	0	71	26	32
Asphalt and Road Oil	0	0	0	41

- = No Data Reported.