

**Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts,
January 1998**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	433	157	978	772	0	58,118
Petroleum Products	7,922	0	1,760	5,765	2,885	73,877	20,560
Pentanes Plus	0	0	0	159	0	0	549
Liquefied Petroleum Gases	0	0	1,093	5,010	262	3,310	4,920
Motor Gasoline Blending Components	0	0	1	0	0	0	1,310
Finished Motor Gasoline	5,162	0	438	502	897	38,620	7,634
Reformulated	0	0	0	338	0	10,058	338
Oxygenated	0	0	0	0	26	0	0
Other	5,162	0	438	164	871	28,562	7,296
Finished Aviation Gasoline	0	0	0	0	7	0	39
Jet Fuel	404	0	11	0	1,220	10,571	3,834
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	404	0	11	0	1,220	10,571	3,834
Kerosene	60	0	0	0	0	198	0
Distillate Fuel Oil	2,296	0	217	94	499	21,178	2,274
0.05 percent sulfur and under	1,814	0	69	74	499	9,866	2,210
Greater than 0.05 percent sulfur	482	0	148	20	0	11,312	64
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	7,922	433	1,917	6,743	3,657	73,877	78,678

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	3,969	853	0	2,251	0
Petroleum Products	284	2,403	2,927	1,835	965	0	0
Pentanes Plus	0	0	129	223	0	0	0
Liquefied Petroleum Gases	0	0	1,191	1,612	0	0	0
Motor Gasoline Blending Components	0	557	0	0	0	0	0
Finished Motor Gasoline	197	1,045	487	0	863	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	197	1,045	487	0	863	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	56	489	0	0	65	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	56	489	0	0	65	0	0
Kerosene	0	0	12	0	0	0	0
Distillate Fuel Oil	31	312	1,108	0	37	0	0
0.05 percent sulfur and under	31	211	1,108	0	37	0	0
Greater than 0.05 percent sulfur	0	101	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	284	2,403	6,896	2,688	965	2,251	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 1998
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	401	170	843	800	0	50,502
Petroleum Products	7,239	0	1,002	4,970	2,421	63,168	17,853
Pentanes Plus	0	0	0	117	0	0	635
Liquefied Petroleum Gases	0	0	342	3,857	105	2,708	3,136
Motor Gasoline Blending Components	0	0	0	0	0	0	1,161
Finished Motor Gasoline	4,560	0	495	813	883	34,024	6,851
Reformulated	0	0	0	648	0	8,202	648
Oxygenated	0	0	0	0	12	0	0
Other	4,560	0	495	165	871	25,822	6,203
Finished Aviation Gasoline	0	0	0	0	7	0	7
Jet Fuel	308	0	33	0	1,054	8,494	2,854
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	308	0	33	0	1,054	8,494	2,854
Kerosene	66	0	0	0	0	116	0
Distillate Fuel Oil	2,305	0	132	183	372	17,826	3,209
0.05 percent sulfur and under	1,878	0	47	161	372	8,959	2,818
Greater than 0.05 percent sulfur	427	0	85	22	0	8,867	391
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	7,239	401	1,172	5,813	3,221	63,168	68,355

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	3,423	912	0	2,724	0
Petroleum Products	274	2,228	2,048	1,737	847	0	0
Pentanes Plus	0	0	120	225	0	0	0
Liquefied Petroleum Gases	0	0	1,175	1,512	0	0	0
Motor Gasoline Blending Components	0	501	0	0	0	0	0
Finished Motor Gasoline	180	907	402	0	762	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	180	907	402	0	762	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	74	377	29	0	64	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	74	377	29	0	64	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	20	443	322	0	21	0	0
0.05 percent sulfur and under	20	280	322	0	21	0	0
Greater than 0.05 percent sulfur	0	163	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	274	2,228	5,471	2,649	847	2,724	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

**Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts,
March 1998**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	419	177	865	732	0	62,015
Petroleum Products	8,258	0	1,326	5,622	3,179	67,950	24,353
Pentanes Plus	0	0	0	108	1	0	690
Liquefied Petroleum Gases	0	0	1,025	4,509	131	2,551	4,443
Motor Gasoline Blending Components	0	0	29	0	0	0	1,344
Finished Motor Gasoline	5,292	0	51	939	1,250	39,022	8,516
Reformulated	0	0	0	793	0	9,693	793
Oxygenated	0	0	0	0	0	0	0
Other	5,292	0	51	146	1,250	29,329	7,723
Finished Aviation Gasoline	0	0	0	0	14	0	132
Jet Fuel	293	0	33	0	1,043	8,708	4,841
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	293	0	33	0	1,043	8,708	4,841
Kerosene	40	0	0	0	0	43	0
Distillate Fuel Oil	2,633	0	188	66	740	17,626	4,387
0.05 percent sulfur and under	2,121	0	11	48	740	9,700	3,920
Greater than 0.05 percent sulfur	512	0	177	18	0	7,926	467
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	8,258	419	1,503	6,487	3,911	67,950	86,368

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	4,084	932	0	2,512	0
Petroleum Products	382	2,443	2,409	2,317	842	0	0
Pentanes Plus	0	0	133	289	0	0	0
Liquefied Petroleum Gases	0	0	1,603	2,028	0	0	0
Motor Gasoline Blending Components	0	646	0	0	0	0	0
Finished Motor Gasoline	289	1,147	431	0	694	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	289	1,147	431	0	694	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	46	399	23	0	62	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	46	399	23	0	62	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	47	251	219	0	86	0	0
0.05 percent sulfur and under	47	91	219	0	76	0	0
Greater than 0.05 percent sulfur	0	160	0	0	10	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	382	2,443	6,493	3,249	842	2,512	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

**Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts,
April 1998
(Thousand Barrels)**

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	411	150	1,019	770	0	61,529
Petroleum Products	8,624	0	1,044	5,160	2,693	73,785	24,337
Pentanes Plus	0	0	0	106	0	0	665
Liquefied Petroleum Gases	0	0	917	4,204	57	1,423	2,956
Motor Gasoline Blending Components	0	0	0	0	0	142	1,722
Finished Motor Gasoline	5,674	0	0	824	1,067	42,502	9,860
Reformulated	19	0	0	604	0	11,884	604
Oxygenated	0	0	0	0	0	0	0
Other	5,655	0	0	220	1,067	30,618	9,256
Finished Aviation Gasoline	0	0	0	0	7	0	52
Jet Fuel	206	0	14	0	799	10,088	4,418
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	206	0	14	0	799	10,088	4,418
Kerosene	5	0	0	0	0	109	0
Distillate Fuel Oil	2,739	0	113	26	763	19,521	4,664
0.05 percent sulfur and under	2,176	0	0	13	763	11,773	4,487
Greater than 0.05 percent sulfur	563	0	113	13	0	7,748	177
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	8,624	411	1,194	6,179	3,463	73,785	85,866

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	3,888	904	0	1,917	0
Petroleum Products	376	2,459	2,279	3,155	930	0	0
Pentanes Plus	0	0	139	275	0	0	0
Liquefied Petroleum Gases	0	0	1,504	2,880	0	0	0
Motor Gasoline Blending Components	0	100	0	0	0	0	0
Finished Motor Gasoline	271	1,757	391	0	745	0	0
Reformulated	0	595	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	271	1,162	391	0	745	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	46	326	48	0	113	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	46	326	48	0	113	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	59	276	197	0	72	0	0
0.05 percent sulfur and under	59	122	197	0	72	0	0
Greater than 0.05 percent sulfur	0	154	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	376	2,459	6,167	4,059	930	1,917	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

**Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts,
May 1998**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	413	132	963	871	0	61,551
Petroleum Products	9,192	0	794	5,986	2,294	75,681	25,396
Pentanes Plus	0	0	0	119	0	0	652
Liquefied Petroleum Gases	0	0	676	4,751	33	1,047	1,964
Motor Gasoline Blending Components	0	0	0	0	0	0	3,120
Finished Motor Gasoline	6,440	0	0	855	1,132	45,693	11,921
Reformulated	0	0	0	427	0	10,899	427
Oxygenated	0	0	0	0	11	0	0
Other	6,440	0	0	428	1,121	34,794	11,494
Finished Aviation Gasoline	0	0	0	0	15	0	45
Jet Fuel	233	0	63	0	554	9,965	3,575
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	233	0	63	0	554	9,965	3,575
Kerosene	16	0	0	0	0	53	0
Distillate Fuel Oil	2,503	0	55	261	560	18,923	4,119
0.05 percent sulfur and under	2,013	0	55	185	560	12,211	3,732
Greater than 0.05 percent sulfur	490	0	0	76	0	6,712	387
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,192	413	926	6,949	3,165	75,681	86,947

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	3,419	871	0	1,284	0
Petroleum Products	407	2,627	2,484	2,760	1,040	0	0
Pentanes Plus	0	0	170	289	0	0	0
Liquefied Petroleum Gases	0	0	1,520	2,471	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	311	1,755	476	0	812	0	0
Reformulated	0	661	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	311	1,094	476	0	812	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	46	472	40	0	121	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	46	472	40	0	121	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	50	400	278	0	107	0	0
0.05 percent sulfur and under	50	229	278	0	107	0	0
Greater than 0.05 percent sulfur	0	171	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	407	2,627	5,903	3,631	1,040	1,284	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 1998
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	367	124	975	538	0	56,548
Petroleum Products	8,728	0	752	5,526	3,452	71,955	24,441
Pentanes Plus	0	0	0	152	1	0	632
Liquefied Petroleum Gases	0	0	652	4,189	22	1,288	2,287
Motor Gasoline Blending Components	0	0	0	0	0	0	2,567
Finished Motor Gasoline	6,220	0	0	909	1,549	43,479	10,356
Reformulated	0	0	0	492	0	9,814	492
Oxygenated	0	0	0	0	12	0	0
Other	6,220	0	0	417	1,537	33,665	9,864
Finished Aviation Gasoline	0	0	0	0	14	0	44
Jet Fuel	215	0	26	2	1,033	9,234	4,720
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	215	0	26	2	1,033	9,234	4,720
Kerosene	0	0	0	0	0	10	0
Distillate Fuel Oil	2,293	0	74	274	833	17,944	3,835
0.05 percent sulfur and under	1,864	0	74	213	833	11,556	3,767
Greater than 0.05 percent sulfur	429	0	0	61	0	6,388	68
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	8,728	367	876	6,501	3,990	71,955	80,989

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	3,335	892	0	1,943	0
Petroleum Products	394	2,451	2,310	2,405	1,079	0	0
Pentanes Plus	0	0	167	274	0	0	0
Liquefied Petroleum Gases	0	0	1,449	2,131	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	308	1,548	492	0	802	0	0
Reformulated	0	221	0	0	0	0	0
Oxygenated	0	395	0	0	0	0	0
Other	308	932	492	0	802	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	46	451	31	0	143	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	46	451	31	0	143	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	40	452	171	0	134	0	0
0.05 percent sulfur and under	40	284	171	0	129	0	0
Greater than 0.05 percent sulfur	0	168	0	0	5	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	394	2,451	5,645	3,297	1,079	1,943	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

**Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts,
July 1998**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	382	142	1,088	535	0	63,447
Petroleum Products	9,466	0	579	4,585	3,573	73,449	26,498
Pentanes Plus	0	0	0	174	1	0	818
Liquefied Petroleum Gases	0	0	557	3,337	20	1,519	2,163
Motor Gasoline Blending Components	0	0	0	0	0	0	2,316
Finished Motor Gasoline	6,605	0	0	823	1,757	43,643	12,163
Reformulated	0	0	0	353	0	9,624	353
Oxygenated	0	0	0	0	0	0	0
Other	6,605	0	0	470	1,757	34,019	11,810
Finished Aviation Gasoline	0	0	0	0	22	0	62
Jet Fuel	247	0	9	0	1,014	9,901	4,798
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	247	0	9	0	1,014	9,901	4,798
Kerosene	0	0	0	0	0	8	0
Distillate Fuel Oil	2,614	0	13	251	759	18,378	4,178
0.05 percent sulfur and under	2,097	0	13	181	759	12,441	4,072
Greater than 0.05 percent sulfur	517	0	0	70	0	5,937	106
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,466	382	721	5,673	4,108	73,449	89,945

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,323	897	0	1,729	0
Petroleum Products	452	2,498	2,327	2,547	1,038	0	0
Pentanes Plus	0	0	180	334	0	0	0
Liquefied Petroleum Gases	0	0	1,456	2,213	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	321	1,682	474	0	672	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	563	0	0	0	0	0
Other	321	1,119	474	0	672	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	66	457	36	0	101	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	66	457	36	0	101	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	65	359	181	0	265	0	0
0.05 percent sulfur and under	65	218	181	0	265	0	0
Greater than 0.05 percent sulfur	0	141	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	452	2,498	4,650	3,444	1,038	1,729	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

**Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts,
August 1998**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	404	120	883	428	0	66,497
Petroleum Products	9,586	0	553	5,567	3,346	71,933	26,354
Pentanes Plus	0	0	0	179	1	0	820
Liquefied Petroleum Gases	0	0	551	4,221	38	2,102	2,333
Motor Gasoline Blending Components	0	0	0	0	0	0	2,427
Finished Motor Gasoline	6,475	0	0	937	1,461	42,644	10,786
Reformulated	0	0	0	501	0	9,435	501
Oxygenated	0	0	0	0	0	0	0
Other	6,475	0	0	436	1,461	33,209	10,285
Finished Aviation Gasoline	0	0	0	0	15	0	115
Jet Fuel	272	0	2	0	1,006	9,233	4,973
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	272	0	2	0	1,006	9,233	4,973
Kerosene	0	0	0	0	0	294	0
Distillate Fuel Oil	2,839	0	0	230	825	17,660	4,900
0.05 percent sulfur and under	2,157	0	0	160	825	12,438	4,788
Greater than 0.05 percent sulfur	682	0	0	70	0	5,222	112
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,586	404	673	6,450	3,774	71,933	92,851

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	1,547	897	0	1,408	0
Petroleum Products	465	2,548	2,174	2,435	905	0	0
Pentanes Plus	0	0	178	277	0	0	0
Liquefied Petroleum Gases	0	0	1,377	2,158	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	375	1,680	421	0	565	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	554	0	0	0	0	0
Other	375	1,126	421	0	565	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	45	452	11	0	103	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	45	452	11	0	103	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	45	416	187	0	237	0	0
0.05 percent sulfur and under	45	281	187	0	237	0	0
Greater than 0.05 percent sulfur	0	135	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	465	2,548	3,721	3,332	905	1,408	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

**Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts,
September 1998
(Thousand Barrels)**

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	325	156	878	479	0	59,504
Petroleum Products	9,021	0	854	5,191	3,194	73,224	25,933
Pentanes Plus	0	0	0	163	1	0	955
Liquefied Petroleum Gases	0	0	828	3,979	52	2,195	3,119
Motor Gasoline Blending Components	0	0	0	0	0	0	2,552
Finished Motor Gasoline	6,105	0	0	799	1,277	43,490	10,512
Reformulated	0	0	0	514	0	9,446	514
Oxygenated	0	0	0	0	0	0	0
Other	6,105	0	0	285	1,277	34,044	9,998
Finished Aviation Gasoline	0	0	0	0	15	0	136
Jet Fuel	324	0	26	0	995	11,703	4,456
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	324	0	26	0	995	11,703	4,456
Kerosene	0	0	0	0	0	29	0
Distillate Fuel Oil	2,592	0	0	250	854	15,807	4,203
0.05 percent sulfur and under	2,043	0	0	182	854	10,928	3,838
Greater than 0.05 percent sulfur	549	0	0	68	0	4,879	365
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,021	325	1,010	6,069	3,673	73,224	85,437

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,084	897	0	1,404	0
Petroleum Products	339	2,571	2,189	2,271	914	0	0
Pentanes Plus	0	0	180	242	0	0	0
Liquefied Petroleum Gases	0	0	1,306	2,029	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	218	1,822	407	0	708	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	455	0	0	0	0	0
Other	218	1,367	407	0	708	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	46	370	49	0	79	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	46	370	49	0	79	0	0
Kerosene	0	0	5	0	0	0	0
Distillate Fuel Oil	75	379	242	0	127	0	0
0.05 percent sulfur and under	75	242	242	0	127	0	0
Greater than 0.05 percent sulfur	0	137	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	339	2,571	4,273	3,168	914	1,404	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 1998
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	349	188	992	479	0	68,338
Petroleum Products	9,074	0	864	6,005	3,430	69,533	23,225
Pentanes Plus	0	0	0	179	1	0	1,075
Liquefied Petroleum Gases	0	0	736	4,390	47	2,280	3,782
Motor Gasoline Blending Components	0	0	0	0	0	0	2,330
Finished Motor Gasoline	6,098	0	104	1,113	1,322	40,138	7,473
Reformulated	0	0	0	640	0	10,346	640
Oxygenated	0	0	0	0	18	0	0
Other	6,098	0	104	473	1,304	29,792	6,833
Finished Aviation Gasoline	0	0	0	0	12	0	42
Jet Fuel	286	0	24	0	1,022	10,210	5,064
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	286	0	24	0	1,022	10,210	5,064
Kerosene	15	0	0	0	0	66	25
Distillate Fuel Oil	2,675	0	0	323	1,026	16,839	3,434
0.05 percent sulfur and under	2,116	0	0	245	1,026	12,340	3,187
Greater than 0.05 percent sulfur	559	0	0	78	0	4,499	247
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,074	349	1,052	6,997	3,909	69,533	91,563

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,755	895	0	1,968	0
Petroleum Products	450	2,668	2,272	2,270	771	0	0
Pentanes Plus	0	0	173	282	0	0	0
Liquefied Petroleum Gases	0	0	1,329	1,988	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	350	1,908	468	0	592	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	350	1,908	468	0	592	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	45	386	41	0	63	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	45	386	41	0	63	0	0
Kerosene	0	0	20	0	0	0	0
Distillate Fuel Oil	55	374	241	0	116	0	0
0.05 percent sulfur and under	55	237	241	0	111	0	0
Greater than 0.05 percent sulfur	0	137	0	0	5	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	450	2,668	5,027	3,165	771	1,968	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 1998
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	370	139	956	406	0	63,062
Petroleum Products	9,036	0	1,061	6,612	3,032	73,755	24,634
Pentanes Plus	0	0	0	165	0	0	978
Liquefied Petroleum Gases	0	0	872	5,099	149	1,971	3,956
Motor Gasoline Blending Components	0	0	0	0	0	0	1,830
Finished Motor Gasoline	5,870	0	165	1,080	1,108	43,688	6,977
Reformulated	0	0	0	577	0	11,313	577
Oxygenated	0	0	0	0	30	0	0
Other	5,870	0	165	503	1,078	32,375	6,400
Finished Aviation Gasoline	0	0	0	0	7	0	97
Jet Fuel	366	0	24	0	981	10,663	4,835
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	366	0	24	0	981	10,663	4,835
Kerosene	30	0	0	0	0	190	54
Distillate Fuel Oil	2,770	0	0	268	787	17,243	5,907
0.05 percent sulfur and under	2,164	0	0	219	787	12,384	5,181
Greater than 0.05 percent sulfur	606	0	0	49	0	4,859	726
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,036	370	1,200	7,568	3,438	73,755	87,696

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	3,155	883	0	1,571	0
Petroleum Products	328	2,552	2,405	1,807	1,206	0	0
Pentanes Plus	0	0	174	253	0	0	0
Liquefied Petroleum Gases	0	0	1,466	1,554	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	248	1,848	483	0	864	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	248	1,848	483	0	864	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	45	346	27	0	122	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	45	346	27	0	122	0	0
Kerosene	0	0	25	0	0	0	0
Distillate Fuel Oil	35	358	230	0	220	0	0
0.05 percent sulfur and under	35	223	230	0	220	0	0
Greater than 0.05 percent sulfur	0	135	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	328	2,552	5,560	2,690	1,206	1,571	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."

Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 1998
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	393	148	1,013	331	0	64,576
Petroleum Products	9,194	0	1,127	7,483	3,236	79,154	26,369
Pentanes Plus	0	0	0	123	0	0	666
Liquefied Petroleum Gases	0	0	839	6,033	255	2,514	4,379
Motor Gasoline Blending Components	0	0	0	0	0	0	1,413
Finished Motor Gasoline	6,153	0	246	1,023	1,168	42,843	10,003
Reformulated	0	0	0	625	0	10,893	625
Oxygenated	0	0	0	0	32	0	0
Other	6,153	0	246	398	1,136	31,950	9,378
Finished Aviation Gasoline	0	0	0	0	6	0	93
Jet Fuel	334	0	23	0	1,063	13,243	4,447
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	334	0	23	0	1,063	13,243	4,447
Kerosene	20	0	0	0	0	151	50
Distillate Fuel Oil	2,687	0	19	304	744	20,403	5,318
0.05 percent sulfur and under	2,153	0	19	239	744	12,014	4,943
Greater than 0.05 percent sulfur	534	0	0	65	0	8,389	375
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,194	393	1,275	8,496	3,567	79,154	90,945

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,912	882	0	1,577	0
Petroleum Products	307	2,822	2,226	1,743	1,434	0	0
Pentanes Plus	0	0	173	279	0	0	0
Liquefied Petroleum Gases	0	0	1,393	1,464	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	173	2,202	427	0	1,042	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	173	2,202	427	0	1,042	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	69	320	14	0	131	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	69	320	14	0	131	0	0
Kerosene	0	0	33	0	0	0	0
Distillate Fuel Oil	65	300	186	0	261	0	0
0.05 percent sulfur and under	65	168	186	0	261	0	0
Greater than 0.05 percent sulfur	0	132	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	307	2,822	5,138	2,625	1,434	1,577	0

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," and EIA-813, Monthly Crude Oil Report."