

**Table 33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts,
January 1999**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	380	118	959	807	0	56,308
Petroleum Products	8,471	0	1,136	6,030	2,890	73,783	26,274
Pentanes Plus	0	0	0	144	0	0	720
Liquefied Petroleum Gases	0	0	890	4,206	254	3,515	5,955
Motor Gasoline Blending Components	0	0	0	311	0	0	2,215
Finished Motor Gasoline	5,744	0	192	1,072	876	38,530	9,843
Reformulated	8	0	0	584	0	10,844	584
Oxygenated	0	0	0	0	27	0	0
Other	5,736	0	192	488	849	27,686	9,259
Finished Aviation Gasoline	0	0	0	0	15	0	53
Jet Fuel	503	0	25	0	1,146	12,756	3,521
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	503	0	25	0	1,146	12,756	3,521
Kerosene	0	0	0	0	0	221	150
Distillate Fuel Oil	2,224	0	29	297	599	18,761	3,817
0.05 percent sulfur and under	1,678	0	29	249	599	9,736	3,334
Greater than 0.05 percent sulfur	546	0	0	48	0	9,025	483
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	8,471	380	1,254	6,989	3,697	73,783	82,582

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,510	875	0	1,727	0
Petroleum Products	424	2,834	2,258	2,077	1,244	0	0
Pentanes Plus	0	0	161	288	0	0	0
Liquefied Petroleum Gases	0	0	1,329	1,789	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	312	2,315	471	0	842	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	312	2,315	471	0	842	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	68	302	13	0	154	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	68	302	13	0	154	0	0
Kerosene	0	0	27	0	0	0	0
Distillate Fuel Oil	44	217	257	0	248	0	0
0.05 percent sulfur and under	44	133	257	0	243	0	0
Greater than 0.05 percent sulfur	0	84	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	424	2,834	4,768	2,952	1,244	1,727	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 1999
(Thousand Barrels)**

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	352	155	996	541	0	58,523
Petroleum Products	7,642	0	1,211	5,566	2,763	63,963	20,263
Pentanes Plus	0	0	0	139	0	0	221
Liquefied Petroleum Gases	0	0	1,184	3,954	96	2,403	3,332
Motor Gasoline Blending Components	0	0	0	334	0	138	1,442
Finished Motor Gasoline	4,808	0	11	961	955	33,537	7,049
Reformulated	10	0	0	570	0	8,474	570
Oxygenated	0	0	0	0	12	0	0
Other	4,798	0	11	391	943	25,063	6,479
Finished Aviation Gasoline	0	0	0	0	0	0	22
Jet Fuel	325	0	7	0	1,101	10,933	4,383
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	325	0	7	0	1,101	10,933	4,383
Kerosene	0	0	0	0	0	88	52
Distillate Fuel Oil	2,509	0	9	178	611	16,864	3,762
0.05 percent sulfur and under	2,002	0	9	140	611	9,665	3,343
Greater than 0.05 percent sulfur	507	0	0	38	0	7,199	419
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	7,642	352	1,366	6,562	3,304	63,963	78,786

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,598	715	0	1,777	0
Petroleum Products	278	2,476	1,953	1,786	973	0	0
Pentanes Plus	0	0	142	234	0	0	0
Liquefied Petroleum Gases	0	0	1,228	1,552	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	181	1,759	347	0	650	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	181	1,759	347	0	650	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	46	319	40	0	128	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	46	319	40	0	128	0	0
Kerosene	0	0	5	0	0	0	0
Distillate Fuel Oil	51	398	191	0	195	0	0
0.05 percent sulfur and under	51	298	191	0	195	0	0
Greater than 0.05 percent sulfur	0	100	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	278	2,476	4,551	2,501	973	1,777	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 1999
(Thousand Barrels)**

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	368	184	928	579	0	61,990
Petroleum Products	8,900	0	798	5,649	3,336	74,176	22,651
Pentanes Plus	0	0	0	139	1	0	391
Liquefied Petroleum Gases	0	0	763	4,314	110	2,710	3,465
Motor Gasoline Blending Components	0	0	0	147	0	0	1,722
Finished Motor Gasoline	6,029	0	25	841	1,323	43,089	7,558
Reformulated	0	0	0	368	0	10,633	368
Oxygenated	0	0	0	0	0	0	0
Other	6,029	0	25	473	1,323	32,456	7,190
Finished Aviation Gasoline	0	0	0	0	15	0	75
Jet Fuel	265	0	9	0	1,055	10,934	4,169
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	265	0	9	0	1,055	10,934	4,169
Kerosene	7	0	0	0	0	53	0
Distillate Fuel Oil	2,599	0	1	208	832	17,390	5,271
0.05 percent sulfur and under	2,057	0	1	155	832	10,761	4,718
Greater than 0.05 percent sulfur	542	0	0	53	0	6,629	553
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	8,900	368	982	6,577	3,915	74,176	84,641

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,811	724	0	1,988	0
Petroleum Products	467	2,824	2,420	2,151	1,141	0	0
Pentanes Plus	0	0	169	274	0	0	0
Liquefied Petroleum Gases	0	0	1,476	1,877	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	340	2,213	467	0	778	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	104	0	0	0	0	0
Other	340	2,109	467	0	778	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	68	367	21	0	107	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	68	367	21	0	107	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	59	244	287	0	256	0	0
0.05 percent sulfur and under	59	142	287	0	246	0	0
Greater than 0.05 percent sulfur	0	102	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	467	2,824	5,231	2,875	1,141	1,988	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 1999
(Thousand Barrels)**

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	346	148	1,013	533	0	66,741
Petroleum Products	8,723	0	1,064	5,732	3,357	72,014	25,163
Pentanes Plus	0	0	0	203	0	0	489
Liquefied Petroleum Gases	0	0	1,061	4,006	60	1,291	2,730
Motor Gasoline Blending Components	0	0	0	341	0	0	2,271
Finished Motor Gasoline	5,851	0	0	904	1,240	42,748	10,154
Reformulated	0	0	0	386	0	11,193	1,497
Oxygenated	0	0	0	0	0	0	0
Other	5,851	0	0	518	1,240	31,555	8,657
Finished Aviation Gasoline	0	0	0	0	8	0	99
Jet Fuel	249	0	3	0	1,221	10,017	3,901
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	249	0	3	0	1,221	10,017	3,901
Kerosene	5	0	0	0	0	33	0
Distillate Fuel Oil	2,618	0	0	278	828	17,925	5,519
0.05 percent sulfur and under	2,095	0	0	223	828	11,474	4,982
Greater than 0.05 percent sulfur	523	0	0	55	0	6,451	537
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	8,723	346	1,212	6,745	3,890	72,014	91,904

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,452	705	0	2,381	0
Petroleum Products	405	2,763	2,131	2,762	616	0	0
Pentanes Plus	0	0	164	227	0	0	0
Liquefied Petroleum Gases	0	0	1,497	2,535	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	336	2,149	233	0	435	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	1,049	0	0	0	0	0
Other	336	1,100	233	0	435	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	23	372	28	0	96	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	23	372	28	0	96	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	46	242	209	0	85	0	0
0.05 percent sulfur and under	46	137	209	0	81	0	0
Greater than 0.05 percent sulfur	0	105	0	0	4	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	405	2,763	4,583	3,467	616	2,381	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 1999**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	329	168	853	588	0	70,068
Petroleum Products	9,147	0	984	6,450	3,196	73,543	26,526
Pentanes Plus	0	0	0	188	0	0	422
Liquefied Petroleum Gases	0	0	946	5,000	44	884	2,961
Motor Gasoline Blending Components	0	0	0	183	0	0	2,570
Finished Motor Gasoline	6,301	0	0	809	1,290	43,630	10,010
Reformulated	0	0	0	330	0	9,647	2,311
Oxygenated	0	0	0	0	0	0	0
Other	6,301	0	0	479	1,290	33,983	7,699
Finished Aviation Gasoline	0	0	0	0	15	0	48
Jet Fuel	224	0	34	0	1,035	11,359	5,671
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	224	0	34	0	1,035	11,359	5,671
Kerosene	0	0	0	0	0	14	0
Distillate Fuel Oil	2,622	0	4	270	812	17,656	4,844
0.05 percent sulfur and under	2,145	0	4	211	812	11,837	4,503
Greater than 0.05 percent sulfur	477	0	0	59	0	5,819	341
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,147	329	1,152	7,303	3,784	73,543	96,594

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,577	722	0	1,951	0
Petroleum Products	493	2,878	2,105	2,961	1,047	0	0
Pentanes Plus	0	0	173	239	0	0	0
Liquefied Petroleum Gases	0	0	1,396	2,722	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	396	2,134	293	0	687	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	883	0	0	0	0	0
Other	396	1,251	293	0	687	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	43	393	35	0	139	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	43	393	35	0	139	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	54	351	208	0	221	0	0
0.05 percent sulfur and under	54	240	208	0	211	0	0
Greater than 0.05 percent sulfur	0	111	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	493	2,878	4,682	3,683	1,047	1,951	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 1999
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	324	135	995	564	0	66,795
Petroleum Products	9,084	0	708	7,143	3,331	67,522	26,467
Pentanes Plus	0	0	0	192	0	0	683
Liquefied Petroleum Gases	0	0	683	5,736	22	1,313	2,812
Motor Gasoline Blending Components	0	0	0	0	0	0	2,453
Finished Motor Gasoline	6,230	0	0	1,005	1,371	40,884	11,035
Reformulated	0	0	0	338	0	10,438	2,549
Oxygenated	0	0	0	0	0	0	0
Other	6,230	0	0	667	1,371	30,446	8,486
Finished Aviation Gasoline	0	0	0	0	15	0	105
Jet Fuel	236	0	24	0	1,042	10,419	4,894
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	236	0	24	0	1,042	10,419	4,894
Kerosene	0	0	0	0	0	17	0
Distillate Fuel Oil	2,618	0	1	210	881	14,889	4,485
0.05 percent sulfur and under	2,079	0	1	159	881	10,341	4,278
Greater than 0.05 percent sulfur	539	0	0	51	0	4,548	207
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,084	324	843	8,138	3,895	67,522	93,262

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,322	537	0	1,851	0
Petroleum Products	420	2,633	2,474	3,209	1,023	0	0
Pentanes Plus	0	0	187	289	0	0	0
Liquefied Petroleum Gases	0	0	1,513	2,920	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	290	1,971	443	0	777	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	860	0	0	0	0	0
Other	290	1,111	443	0	777	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	59	381	42	0	21	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	59	381	42	0	21	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	71	281	289	0	225	0	0
0.05 percent sulfur and under	71	180	289	0	224	0	0
Greater than 0.05 percent sulfur	0	101	0	0	1	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	420	2,633	4,796	3,746	1,023	1,851	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 1999**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	324	172	907	529	0	70,980
Petroleum Products	9,247	0	671	5,078	3,367	72,425	25,067
Pentanes Plus	0	0	0	201	1	0	710
Liquefied Petroleum Gases	0	0	661	4,041	18	1,700	2,583
Motor Gasoline Blending Components	0	0	0	0	0	75	2,359
Finished Motor Gasoline	6,447	0	10	651	1,345	42,572	9,922
Reformulated	0	0	10	134	0	9,816	2,472
Oxygenated	0	0	0	0	0	0	0
Other	6,447	0	0	517	1,345	32,756	7,450
Finished Aviation Gasoline	0	0	0	0	22	0	22
Jet Fuel	261	0	0	0	1,060	11,505	4,910
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	261	0	0	0	1,060	11,505	4,910
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	2,539	0	0	185	921	16,573	4,561
0.05 percent sulfur and under	1,995	0	0	136	921	10,724	4,342
Greater than 0.05 percent sulfur	544	0	0	49	0	5,849	219
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,247	324	843	5,985	3,896	72,425	96,047

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,612	535	0	2,029	0
Petroleum Products	514	2,659	2,459	2,840	935	0	0
Pentanes Plus	0	0	186	276	0	0	0
Liquefied Petroleum Gases	0	0	1,425	2,564	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	376	2,067	528	0	727	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	878	0	0	0	0	0
Other	376	1,189	528	0	727	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	69	326	38	0	50	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	69	326	38	0	50	0	0
Kerosene	0	0	10	0	0	0	0
Distillate Fuel Oil	69	266	272	0	158	0	0
0.05 percent sulfur and under	69	157	272	0	152	0	0
Greater than 0.05 percent sulfur	0	109	0	0	6	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	514	2,659	5,071	3,375	935	2,029	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 1999**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	361	165	853	565	0	66,202
Petroleum Products	9,224	0	398	5,837	3,618	70,298	25,198
Pentanes Plus	0	0	0	222	1	0	753
Liquefied Petroleum Gases	36	0	397	4,879	22	2,162	2,390
Motor Gasoline Blending Components	0	0	0	0	0	82	2,000
Finished Motor Gasoline	6,225	0	1	563	1,677	41,050	9,028
Reformulated	0	0	1	112	0	8,849	1,823
Oxygenated	0	0	0	0	0	0	0
Other	6,225	0	0	451	1,677	32,201	7,205
Finished Aviation Gasoline	0	0	0	0	15	0	53
Jet Fuel	273	0	0	0	1,080	10,232	4,910
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	273	0	0	0	1,080	10,232	4,910
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	2,690	0	0	173	823	16,772	6,064
0.05 percent sulfur and under	2,162	0	0	108	823	11,537	5,617
Greater than 0.05 percent sulfur	528	0	0	65	0	5,235	447
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,224	361	563	6,690	4,183	70,298	91,400

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,337	745	0	2,119	0
Petroleum Products	589	2,723	2,418	2,906	908	0	0
Pentanes Plus	0	0	214	255	0	0	0
Liquefied Petroleum Gases	0	0	1,407	2,651	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0
Finished Motor Gasoline	459	2,209	520	0	721	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	1,118	0	0	0	0	0
Other	459	1,091	520	0	721	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	60	269	0	0	65	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	60	269	0	0	65	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	70	245	277	0	122	0	0
0.05 percent sulfur and under	70	167	277	0	114	0	0
Greater than 0.05 percent sulfur	0	78	0	0	8	0	0
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	589	2,723	4,755	3,651	908	2,119	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 1999
(Thousand Barrels)**

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	351	175	924	547	0	61,450
Petroleum Products	8,921	0	588	6,308	3,290	68,961	25,380
Pentanes Plus	0	0	0	226	0	0	685
Liquefied Petroleum Gases	53	0	452	5,299	52	2,214	2,798
Motor Gasoline Blending Components	10	0	0	0	0	216	2,059
Finished Motor Gasoline	6,040	0	111	574	1,277	41,921	7,563
Reformulated	0	0	0	125	0	9,275	1,484
Oxygenated	0	0	0	0	1	0	0
Other	6,040	0	111	449	1,276	32,646	6,079
Finished Aviation Gasoline	0	0	0	0	14	0	124
Jet Fuel	323	0	24	0	1,136	9,830	4,984
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	323	0	24	0	1,136	9,830	4,984
Kerosene	43	0	0	0	0	111	0
Distillate Fuel Oil	2,452	0	1	209	811	14,669	7,167
0.05 percent sulfur and under	1,907	0	1	150	811	9,913	6,927
Greater than 0.05 percent sulfur	545	0	0	59	0	4,756	240
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	8,921	351	763	7,232	3,837	68,961	86,830

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,336	754	0	2,343	0
Petroleum Products	440	2,729	2,396	3,270	985	0	0
Pentanes Plus	0	0	192	278	0	0	0
Liquefied Petroleum Gases	0	0	1,473	2,992	0	0	0
Motor Gasoline Blending Components	0	165	0	0	0	0	0
Finished Motor Gasoline	312	2,060	432	0	706	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	789	0	0	0	0	0
Other	312	1,271	432	0	706	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	66	251	0	0	72	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	66	251	0	0	72	0	0
Kerosene	0	0	0	0	0	0	0
Distillate Fuel Oil	62	253	299	0	207	0	0
0.05 percent sulfur and under	62	215	299	0	207	0	0
Greater than 0.05 percent sulfur	0	38	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	440	2,729	4,732	4,024	985	2,343	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 1999**
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	391	127	1,037	612	0	66,458
Petroleum Products	8,900	0	1,364	5,874	3,384	72,005	28,270
Pentanes Plus	0	0	0	211	0	0	892
Liquefied Petroleum Gases	100	0	964	4,704	118	2,390	4,643
Motor Gasoline Blending Components	0	0	0	0	0	224	2,357
Finished Motor Gasoline	5,747	0	364	730	1,123	42,380	7,557
Reformulated	0	0	0	238	0	10,839	1,692
Oxygenated	0	0	0	0	29	0	0
Other	5,747	0	364	492	1,094	31,541	5,865
Finished Aviation Gasoline	0	0	0	0	8	0	95
Jet Fuel	354	0	19	0	1,069	10,378	5,547
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	354	0	19	0	1,069	10,378	5,547
Kerosene	13	0	0	0	0	79	75
Distillate Fuel Oil	2,686	0	17	229	1,066	16,554	7,104
0.05 percent sulfur and under	2,214	0	17	168	1,066	10,821	6,576
Greater than 0.05 percent sulfur	472	0	0	61	0	5,733	528
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	8,900	391	1,491	6,911	3,996	72,005	94,728

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,671	781	0	1,369	0
Petroleum Products	502	2,758	2,682	3,075	1,067	0	0
Pentanes Plus	0	0	177	234	0	0	0
Liquefied Petroleum Gases	0	0	1,592	2,841	0	0	0
Motor Gasoline Blending Components	0	850	0	0	0	0	0
Finished Motor Gasoline	392	1,241	570	0	752	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	392	1,241	570	0	752	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	46	291	1	0	74	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	46	291	1	0	74	0	0
Kerosene	0	0	6	0	0	0	0
Distillate Fuel Oil	64	376	336	0	241	0	0
0.05 percent sulfur and under	64	330	336	0	236	0	0
Greater than 0.05 percent sulfur	0	46	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	502	2,758	5,353	3,856	1,067	1,369	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 1999
(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	378	118	1,032	585	0	56,757
Petroleum Products	9,363	0	1,228	6,140	3,182	70,467	28,023
Pentanes Plus	0	0	0	161	0	0	770
Liquefied Petroleum Gases	164	0	1,087	4,735	163	2,225	4,987
Motor Gasoline Blending Components	0	0	0	0	0	65	2,075
Finished Motor Gasoline	6,234	0	117	1,037	926	41,296	8,508
Reformulated	0	0	0	577	0	10,682	1,554
Oxygenated	0	0	0	0	32	0	0
Other	6,234	0	117	460	894	30,614	6,954
Finished Aviation Gasoline	0	0	0	0	8	0	59
Jet Fuel	278	0	24	0	1,018	9,864	5,287
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	278	0	24	0	1,018	9,864	5,287
Kerosene	0	0	0	0	0	113	198
Distillate Fuel Oil	2,687	0	0	207	1,067	16,904	6,139
0.05 percent sulfur and under	2,155	0	0	157	1,067	11,503	5,367
Greater than 0.05 percent sulfur	532	0	0	50	0	5,401	772
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,363	378	1,346	7,172	3,767	70,467	84,780

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,634	730	0	1,271	0
Petroleum Products	458	2,688	2,624	2,641	1,040	0	0
Pentanes Plus	0	0	150	245	0	0	0
Liquefied Petroleum Gases	0	0	1,503	2,396	0	0	0
Motor Gasoline Blending Components	0	966	0	0	0	0	0
Finished Motor Gasoline	321	1,193	675	0	771	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	321	1,193	675	0	771	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	68	218	0	0	46	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	68	218	0	0	46	0	0
Kerosene	0	0	34	0	0	0	0
Distillate Fuel Oil	69	311	262	0	223	0	0
0.05 percent sulfur and under	69	264	262	0	223	0	0
Greater than 0.05 percent sulfur	0	47	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	458	2,688	5,258	3,371	1,040	1,271	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 1999
(Thousand Barrels)**

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	0	378	157	1,053	561	0	51,067
Petroleum Products	9,381	0	1,493	6,740	3,484	75,220	28,491
Pentanes Plus	0	0	0	148	0	0	688
Liquefied Petroleum Gases	209	0	1,074	5,373	213	3,266	5,506
Motor Gasoline Blending Components	0	0	0	0	0	0	2,210
Finished Motor Gasoline	6,278	0	395	974	1,046	42,240	8,167
Reformulated	0	0	0	414	0	9,077	1,215
Oxygenated	0	0	0	0	34	0	0
Other	6,278	0	395	560	1,012	33,163	6,952
Finished Aviation Gasoline	0	0	0	0	8	0	42
Jet Fuel	322	0	24	0	1,138	10,581	6,651
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	322	0	24	0	1,138	10,581	6,651
Kerosene	5	0	0	0	0	128	0
Distillate Fuel Oil	2,567	0	0	245	1,079	19,005	5,227
0.05 percent sulfur and under	2,067	0	0	197	1,079	10,936	4,802
Greater than 0.05 percent sulfur	500	0	0	48	0	8,069	425
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	9,381	378	1,650	7,793	4,045	75,220	79,558

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	0	0	2,880	745	0	1,919	0
Petroleum Products	490	2,816	2,596	3,443	1,068	0	0
Pentanes Plus	0	0	150	322	0	0	0
Liquefied Petroleum Gases	0	0	1,488	3,121	0	0	0
Motor Gasoline Blending Components	0	1,011	0	0	0	0	0
Finished Motor Gasoline	372	1,259	577	0	776	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	372	1,259	577	0	776	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	54	215	22	0	37	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	54	215	22	0	37	0	0
Kerosene	0	0	21	0	0	0	0
Distillate Fuel Oil	64	331	338	0	255	0	0
0.05 percent sulfur and under	64	273	338	0	255	0	0
Greater than 0.05 percent sulfur	0	58	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	490	2,816	5,476	4,188	1,068	1,919	0

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