

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, January 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|-----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 380 | 0 | 223 | 959 | 807 | 0 | 145 | 56,308 |
| Petroleum Products | 8,658 | 0 | 0 | 2,355 | 6,827 | 2,890 | 29 | 97,416 | 29,430 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 144 | 0 | 0 | 0 | 720 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 890 | 4,206 | 254 | 0 | 3,903 | 5,955 |
| Unfinished Oils | 25 | 0 | 0 | 34 | 0 | 0 | 0 | 0 | 19 |
| Motor Gasoline Blending Components | 66 | 0 | 0 | 0 | 311 | 0 | 0 | 42 | 2,215 |
| Finished Motor Gasoline | 5,744 | 0 | 0 | 691 | 1,195 | 876 | 0 | 52,360 | 11,620 |
| Reformulated | 8 | 0 | 0 | 0 | 584 | 0 | 0 | 10,844 | 1,022 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 0 |
| Other | 5,736 | 0 | 0 | 691 | 611 | 849 | 0 | 41,516 | 10,598 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 102 | 72 |
| Jet Fuel | 503 | 0 | 0 | 48 | 0 | 1,146 | 0 | 16,007 | 3,579 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 503 | 0 | 0 | 48 | 0 | 1,146 | 0 | 16,007 | 3,579 |
| Kerosene | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 234 | 180 |
| Distillate Fuel Oil | 2,239 | 0 | 0 | 544 | 629 | 599 | 0 | 22,326 | 4,575 |
| 0.05 percent sulfur and under | 1,693 | 0 | 0 | 249 | 548 | 599 | 0 | 12,205 | 3,553 |
| Greater than 0.05 percent sulfur | 546 | 0 | 0 | 295 | 81 | 0 | 0 | 10,121 | 1,022 |
| Residual Fuel Oil | 0 | 0 | 0 | 40 | 301 | 0 | 0 | 1,119 | 19 |
| Petrochemical Feedstocks ^a | 81 | 0 | 0 | 0 | 0 | 0 | 0 | 262 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 130 | 52 |
| Lubricants | 0 | 0 | 0 | 56 | 39 | 0 | 29 | 826 | 202 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 222 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 8,658 | 380 | 0 | 2,578 | 7,786 | 3,697 | 29 | 97,561 | 85,738 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|--------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,510 | 875 | 0 | 0 | 0 | 1,727 | 0 |
| Petroleum Products | 424 | 2,880 | 2,258 | 2,077 | 1,244 | 0 | 0 | 319 | 0 |
| Pentanes Plus | 0 | 0 | 161 | 288 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,329 | 1,789 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 312 | 2,315 | 471 | 0 | 842 | 0 | 0 | 238 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 238 | 0 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 312 | 2,315 | 471 | 0 | 842 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 68 | 302 | 13 | 0 | 154 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 68 | 302 | 13 | 0 | 154 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 44 | 217 | 257 | 0 | 248 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 44 | 133 | 257 | 0 | 243 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 84 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 424 | 2,880 | 4,768 | 2,952 | 1,244 | 0 | 0 | 2,046 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, February 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 352 | 0 | 239 | 996 | 541 | 0 | 0 | 58,523 |
| Petroleum Products | 7,746 | 17 | 0 | 2,568 | 6,284 | 2,763 | 0 | 85,327 | 22,908 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 139 | 0 | 0 | 0 | 221 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 1,184 | 3,954 | 96 | 0 | 2,711 | 3,332 |
| Unfinished Oils | 15 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 59 |
| Motor Gasoline Blending Components | 32 | 10 | 0 | 0 | 334 | 0 | 0 | 291 | 1,453 |
| Finished Motor Gasoline | 4,808 | 0 | 0 | 659 | 1,160 | 955 | 0 | 45,277 | 8,178 |
| Reformulated | 10 | 0 | 0 | 19 | 570 | 0 | 0 | 8,474 | 1,026 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 |
| Other | 4,798 | 0 | 0 | 640 | 590 | 943 | 0 | 36,803 | 7,152 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 22 |
| Jet Fuel | 325 | 0 | 0 | 30 | 0 | 1,101 | 0 | 13,928 | 4,423 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 325 | 0 | 0 | 30 | 0 | 1,101 | 0 | 13,928 | 4,423 |
| Kerosene | 0 | 0 | 0 | 76 | 0 | 0 | 0 | 113 | 52 |
| Distillate Fuel Oil | 2,529 | 0 | 0 | 480 | 498 | 611 | 0 | 20,760 | 4,342 |
| 0.05 percent sulfur and under | 2,002 | 0 | 0 | 249 | 460 | 611 | 0 | 12,086 | 3,450 |
| Greater than 0.05 percent sulfur | 527 | 0 | 0 | 231 | 38 | 0 | 0 | 8,674 | 892 |
| Residual Fuel Oil | 0 | 0 | 0 | 45 | 175 | 0 | 0 | 1,306 | 0 |
| Petrochemical Feedstocks ^a | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| Special Naphthas | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 94 | 212 |
| Lubricants | 0 | 0 | 0 | 67 | 24 | 0 | 0 | 545 | 332 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 248 | 225 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 7,746 | 369 | 0 | 2,807 | 7,280 | 3,304 | 0 | 85,327 | 81,431 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,598 | 715 | 0 | 0 | 0 | 1,777 | 0 |
| Petroleum Products | 278 | 3,300 | 1,953 | 1,786 | 973 | 0 | 0 | 0 | 0 |
| Pentanes Plus | 0 | 0 | 142 | 234 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,228 | 1,552 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 181 | 1,836 | 347 | 0 | 650 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 181 | 1,836 | 347 | 0 | 650 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 46 | 319 | 40 | 0 | 128 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 46 | 319 | 40 | 0 | 128 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 51 | 503 | 191 | 0 | 195 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 51 | 403 | 191 | 0 | 195 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 278 | 3,300 | 4,551 | 2,501 | 973 | 0 | 0 | 1,777 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, March 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 529 | 0 | 267 | 928 | 579 | 0 | 0 | 61,990 |
| Petroleum Products | 9,015 | 16 | 0 | 2,275 | 6,248 | 3,336 | 0 | 98,435 | 25,567 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 139 | 1 | 0 | 0 | 391 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 763 | 4,314 | 110 | 0 | 2,911 | 3,465 |
| Unfinished Oils | 16 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | 59 |
| Motor Gasoline Blending Components | 45 | 9 | 0 | 0 | 147 | 0 | 0 | 155 | 1,722 |
| Finished Motor Gasoline | 6,029 | 0 | 0 | 645 | 956 | 1,323 | 0 | 57,398 | 9,093 |
| Reformulated | 0 | 0 | 0 | 0 | 368 | 0 | 0 | 10,633 | 929 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 6,029 | 0 | 0 | 645 | 588 | 1,323 | 0 | 46,765 | 8,164 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 111 | 75 |
| Jet Fuel | 265 | 0 | 0 | 55 | 0 | 1,055 | 0 | 14,395 | 4,226 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 265 | 0 | 0 | 55 | 0 | 1,055 | 0 | 14,395 | 4,226 |
| Kerosene | 7 | 0 | 0 | 66 | 0 | 0 | 0 | 73 | 0 |
| Distillate Fuel Oil | 2,599 | 0 | 0 | 591 | 450 | 832 | 0 | 21,466 | 5,863 |
| 0.05 percent sulfur and under | 2,057 | 0 | 0 | 284 | 397 | 832 | 0 | 13,840 | 4,843 |
| Greater than 0.05 percent sulfur | 542 | 0 | 0 | 307 | 53 | 0 | 0 | 7,626 | 1,020 |
| Residual Fuel Oil | 0 | 0 | 0 | 52 | 223 | 0 | 0 | 878 | 0 |
| Petrochemical Feedstocks ^a | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 103 | 164 |
| Lubricants | 0 | 0 | 0 | 47 | 19 | 0 | 0 | 815 | 312 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 | 197 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,015 | 545 | 0 | 2,542 | 7,176 | 3,915 | 0 | 98,435 | 87,557 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|--------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,811 | 724 | 0 | 0 | 0 | 1,988 | 0 |
| Petroleum Products | 467 | 3,151 | 2,420 | 2,151 | 1,141 | 0 | 0 | 128 | 0 |
| Pentanes Plus | 0 | 0 | 169 | 274 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,476 | 1,877 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 128 | 0 |
| Finished Motor Gasoline | 340 | 2,213 | 467 | 0 | 778 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 340 | 2,109 | 467 | 0 | 778 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 68 | 367 | 21 | 0 | 107 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 68 | 367 | 21 | 0 | 107 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 59 | 244 | 287 | 0 | 256 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 59 | 142 | 287 | 0 | 246 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 102 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 467 | 3,151 | 5,231 | 2,875 | 1,141 | 0 | 0 | 2,116 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, April 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 346 | 0 | 230 | 1,013 | 533 | 0 | 0 | 66,741 |
| Petroleum Products | 8,867 | 37 | 0 | 2,694 | 6,633 | 3,357 | 0 | 94,645 | 28,782 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 203 | 0 | 0 | 0 | 489 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 1,061 | 4,006 | 60 | 0 | 1,499 | 2,730 |
| Unfinished Oils | 33 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 60 |
| Motor Gasoline Blending Components | 43 | 19 | 0 | 0 | 341 | 0 | 0 | 434 | 2,303 |
| Finished Motor Gasoline | 5,857 | 0 | 0 | 922 | 1,076 | 1,240 | 0 | 55,211 | 11,994 |
| Reformulated | 0 | 0 | 0 | 0 | 386 | 0 | 0 | 11,193 | 2,125 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 5,857 | 0 | 0 | 922 | 690 | 1,240 | 0 | 44,018 | 9,869 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 65 | 124 |
| Jet Fuel | 249 | 0 | 0 | 106 | 0 | 1,221 | 0 | 13,154 | 3,939 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 249 | 0 | 0 | 106 | 0 | 1,221 | 0 | 13,154 | 3,939 |
| Kerosene | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 0 |
| Distillate Fuel Oil | 2,640 | 0 | 0 | 416 | 658 | 828 | 0 | 21,720 | 6,219 |
| 0.05 percent sulfur and under | 2,096 | 0 | 0 | 184 | 587 | 828 | 0 | 14,301 | 5,171 |
| Greater than 0.05 percent sulfur | 544 | 0 | 0 | 232 | 71 | 0 | 0 | 7,419 | 1,048 |
| Residual Fuel Oil | 0 | 0 | 0 | 25 | 316 | 0 | 0 | 993 | 60 |
| Petrochemical Feedstocks ^a | 37 | 0 | 0 | 19 | 0 | 0 | 0 | 136 | 13 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 92 | 190 |
| Lubricants | 0 | 18 | 0 | 56 | 33 | 0 | 0 | 945 | 439 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 363 | 222 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 8,867 | 383 | 0 | 2,924 | 7,646 | 3,890 | 0 | 94,645 | 95,523 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,452 | 705 | 0 | 0 | 0 | 2,381 | 0 |
| Petroleum Products | 405 | 3,062 | 2,131 | 2,762 | 616 | 0 | 0 | 85 | 0 |
| Pentanes Plus | 0 | 0 | 164 | 227 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,497 | 2,535 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 187 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 336 | 2,149 | 233 | 0 | 435 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 1,049 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 336 | 1,100 | 233 | 0 | 435 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 23 | 372 | 28 | 0 | 96 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 23 | 372 | 28 | 0 | 96 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 46 | 292 | 209 | 0 | 85 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 46 | 187 | 209 | 0 | 81 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 105 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 62 | 0 | 0 | 0 | 0 | 0 | 85 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 405 | 3,062 | 4,583 | 3,467 | 616 | 0 | 0 | 2,466 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, May 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|----------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 329 | 0 | 270 | 853 | 588 | 0 | 0 | 70,068 |
| Petroleum Products | 9,264 | 47 | 0 | 2,381 | 7,343 | 3,196 | 0 | 97,935 | 30,983 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 188 | 0 | 0 | 0 | 422 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 946 | 5,000 | 44 | 0 | 1,078 | 2,961 |
| Unfinished Oils | 8 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 60 |
| Motor Gasoline Blending Components | 20 | 38 | 0 | 0 | 183 | 0 | 0 | 358 | 2,689 |
| Finished Motor Gasoline | 6,301 | 0 | 0 | 639 | 964 | 1,290 | 0 | 57,170 | 12,174 |
| Reformulated | 0 | 0 | 0 | 0 | 330 | 0 | 0 | 9,771 | 2,910 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 6,301 | 0 | 0 | 639 | 634 | 1,290 | 0 | 47,399 | 9,264 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 182 | 64 |
| Jet Fuel | 224 | 0 | 0 | 103 | 0 | 1,035 | 0 | 14,197 | 5,709 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 224 | 0 | 0 | 103 | 0 | 1,035 | 0 | 14,197 | 5,709 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Distillate Fuel Oil | 2,660 | 0 | 0 | 447 | 593 | 812 | 0 | 21,936 | 5,564 |
| 0.05 percent sulfur and under | 2,145 | 0 | 0 | 258 | 469 | 812 | 0 | 14,942 | 4,661 |
| Greater than 0.05 percent sulfur | 515 | 0 | 0 | 189 | 124 | 0 | 0 | 6,994 | 903 |
| Residual Fuel Oil | 0 | 0 | 0 | 25 | 386 | 0 | 0 | 1,479 | 0 |
| Petrochemical Feedstocks ^a | 51 | 0 | 0 | 9 | 0 | 0 | 0 | 245 | 52 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 | 273 |
| Lubricants | 0 | 9 | 0 | 54 | 29 | 0 | 0 | 996 | 493 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 122 | 0 | 0 | 0 | 159 | 522 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,264 | 376 | 0 | 2,651 | 8,196 | 3,784 | 0 | 97,935 | 101,051 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|--------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 264 | 2,577 | 722 | 0 | 0 | 0 | 1,951 | 0 |
| Petroleum Products | 493 | 3,631 | 2,105 | 2,961 | 1,047 | 0 | 0 | 0 | 0 |
| Pentanes Plus | 0 | 0 | 173 | 239 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,396 | 2,722 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 396 | 2,412 | 293 | 0 | 687 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 883 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 396 | 1,251 | 293 | 0 | 687 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 43 | 393 | 35 | 0 | 139 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 43 | 393 | 35 | 0 | 139 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 54 | 351 | 208 | 0 | 221 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 54 | 240 | 208 | 0 | 211 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 111 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 219 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 493 | 3,895 | 4,682 | 3,683 | 1,047 | 0 | 0 | 1,951 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, June 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 324 | 0 | 298 | 995 | 564 | 0 | 0 | 66,795 |
| Petroleum Products | 9,242 | 314 | 0 | 2,122 | 7,829 | 3,331 | 0 | 89,333 | 31,660 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 192 | 0 | 0 | 0 | 683 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 683 | 5,736 | 22 | 0 | 1,469 | 2,812 |
| Unfinished Oils | 45 | 285 | 0 | 36 | 0 | 0 | 0 | 0 | 109 |
| Motor Gasoline Blending Components | 22 | 29 | 0 | 0 | 0 | 0 | 0 | 433 | 2,531 |
| Finished Motor Gasoline | 6,254 | 0 | 0 | 577 | 1,149 | 1,371 | 0 | 53,187 | 14,008 |
| Reformulated | 0 | 0 | 0 | 0 | 338 | 0 | 0 | 10,438 | 3,363 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 6,254 | 0 | 0 | 577 | 811 | 1,371 | 0 | 42,749 | 10,645 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 121 | 132 |
| Jet Fuel | 236 | 0 | 0 | 119 | 0 | 1,042 | 0 | 12,765 | 4,956 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 236 | 0 | 0 | 119 | 0 | 1,042 | 0 | 12,765 | 4,956 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 0 |
| Distillate Fuel Oil | 2,659 | 0 | 0 | 372 | 360 | 881 | 0 | 18,007 | 5,388 |
| 0.05 percent sulfur and under | 2,079 | 0 | 0 | 256 | 309 | 881 | 0 | 12,811 | 4,536 |
| Greater than 0.05 percent sulfur | 580 | 0 | 0 | 116 | 51 | 0 | 0 | 5,196 | 852 |
| Residual Fuel Oil | 0 | 0 | 0 | 19 | 329 | 0 | 0 | 1,358 | 66 |
| Petrochemical Feedstocks ^a | 26 | 0 | 0 | 8 | 54 | 0 | 0 | 265 | 19 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 133 |
| Lubricants | 0 | 0 | 0 | 68 | 9 | 0 | 0 | 1,382 | 420 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 240 | 0 | 0 | 0 | 195 | 403 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,242 | 638 | 0 | 2,420 | 8,824 | 3,895 | 0 | 89,333 | 98,455 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|--------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,322 | 537 | 0 | 0 | 0 | 1,851 | 0 |
| Petroleum Products | 420 | 2,974 | 2,474 | 3,209 | 1,023 | 0 | 0 | 111 | 0 |
| Pentanes Plus | 0 | 0 | 187 | 289 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,513 | 2,920 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 290 | 2,086 | 443 | 0 | 777 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 860 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 290 | 1,226 | 443 | 0 | 777 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 59 | 381 | 42 | 0 | 21 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 59 | 381 | 42 | 0 | 21 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 71 | 281 | 289 | 0 | 225 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 71 | 180 | 289 | 0 | 224 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 101 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 111 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 420 | 2,974 | 4,796 | 3,746 | 1,023 | 0 | 0 | 1,962 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, July 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|----------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 324 | 0 | 294 | 907 | 529 | 0 | 0 | 70,980 |
| Petroleum Products | 9,336 | 19 | 0 | 2,226 | 6,179 | 3,367 | 0 | 93,200 | 29,635 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 201 | 1 | 0 | 0 | 710 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 661 | 4,041 | 18 | 0 | 1,891 | 2,583 |
| Unfinished Oils | 15 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 120 |
| Motor Gasoline Blending Components | 3 | 19 | 0 | 0 | 0 | 0 | 0 | 505 | 2,395 |
| Finished Motor Gasoline | 6,447 | 0 | 0 | 605 | 906 | 1,345 | 0 | 55,222 | 11,967 |
| Reformulated | 0 | 0 | 0 | 10 | 134 | 0 | 0 | 9,816 | 3,165 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 6,447 | 0 | 0 | 595 | 772 | 1,345 | 0 | 45,406 | 8,802 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 65 | 22 |
| Jet Fuel | 261 | 0 | 0 | 118 | 0 | 1,060 | 0 | 13,723 | 4,963 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 261 | 0 | 0 | 118 | 0 | 1,060 | 0 | 13,723 | 4,963 |
| Kerosene | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 15 | 75 |
| Distillate Fuel Oil | 2,575 | 0 | 0 | 404 | 610 | 921 | 0 | 19,255 | 5,311 |
| 0.05 percent sulfur and under | 2,010 | 0 | 0 | 264 | 513 | 921 | 0 | 12,827 | 4,482 |
| Greater than 0.05 percent sulfur | 565 | 0 | 0 | 140 | 97 | 0 | 0 | 6,428 | 829 |
| Residual Fuel Oil | 0 | 0 | 0 | 14 | 412 | 0 | 0 | 1,307 | 60 |
| Petrochemical Feedstocks ^a | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 19 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 | 113 |
| Lubricants | 0 | 0 | 0 | 76 | 9 | 0 | 0 | 890 | 385 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 301 | 0 | 0 | 0 | 114 | 912 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,336 | 343 | 0 | 2,520 | 7,086 | 3,896 | 0 | 93,200 | 100,615 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,612 | 535 | 0 | 0 | 0 | 2,029 | 0 |
| Petroleum Products | 514 | 3,049 | 2,459 | 2,840 | 935 | 0 | 0 | 0 | 0 |
| Pentanes Plus | 0 | 0 | 186 | 276 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,425 | 2,564 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 230 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 376 | 2,067 | 528 | 0 | 727 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 878 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 376 | 1,189 | 528 | 0 | 727 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 69 | 326 | 38 | 0 | 50 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 69 | 326 | 38 | 0 | 50 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 69 | 266 | 272 | 0 | 158 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 69 | 157 | 272 | 0 | 152 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 109 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 514 | 3,049 | 5,071 | 3,375 | 935 | 0 | 0 | 2,029 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, August 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 361 | 0 | 247 | 853 | 565 | 0 | 0 | 66,202 |
| Petroleum Products | 9,335 | 32 | 0 | 1,869 | 6,687 | 3,618 | 0 | 92,575 | 29,905 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 222 | 1 | 0 | 0 | 753 |
| Liquefied Petroleum Gases | 36 | 0 | 0 | 397 | 4,879 | 22 | 0 | 2,364 | 2,390 |
| Unfinished Oils | 26 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 103 |
| Motor Gasoline Blending Components | 0 | 29 | 0 | 0 | 88 | 0 | 0 | 466 | 2,130 |
| Finished Motor Gasoline | 6,225 | 0 | 0 | 634 | 725 | 1,677 | 0 | 53,628 | 11,044 |
| Reformulated | 0 | 0 | 0 | 1 | 112 | 0 | 0 | 8,849 | 2,361 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 6,225 | 0 | 0 | 633 | 613 | 1,677 | 0 | 44,779 | 8,683 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 112 | 108 |
| Jet Fuel | 273 | 0 | 0 | 110 | 0 | 1,080 | 0 | 12,979 | 4,947 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 273 | 0 | 0 | 110 | 0 | 1,080 | 0 | 12,979 | 4,947 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 2,727 | 0 | 0 | 373 | 510 | 823 | 0 | 19,999 | 7,168 |
| 0.05 percent sulfur and under | 2,162 | 0 | 0 | 196 | 386 | 823 | 0 | 13,999 | 5,963 |
| Greater than 0.05 percent sulfur | 565 | 0 | 0 | 177 | 124 | 0 | 0 | 6,000 | 1,205 |
| Residual Fuel Oil | 0 | 0 | 0 | 33 | 236 | 0 | 0 | 1,995 | 98 |
| Petrochemical Feedstocks ^a | 48 | 0 | 0 | 0 | 18 | 0 | 0 | 124 | 3 |
| Special Naphthas | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 116 | 112 |
| Lubricants | 0 | 0 | 0 | 26 | 9 | 0 | 0 | 598 | 458 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 269 | 0 | 0 | 0 | 194 | 591 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,335 | 393 | 0 | 2,116 | 7,540 | 4,183 | 0 | 92,575 | 96,107 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,337 | 745 | 0 | 0 | 0 | 2,119 | 0 |
| Petroleum Products | 589 | 3,279 | 2,418 | 2,906 | 908 | 0 | 0 | 105 | 0 |
| Pentanes Plus | 0 | 0 | 214 | 255 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,407 | 2,651 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 556 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 459 | 2,209 | 520 | 0 | 721 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 1,118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 459 | 1,091 | 520 | 0 | 721 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 60 | 269 | 0 | 0 | 65 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 60 | 269 | 0 | 0 | 65 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 70 | 245 | 277 | 0 | 122 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 70 | 167 | 277 | 0 | 114 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 78 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 589 | 3,279 | 4,755 | 3,651 | 908 | 0 | 0 | 2,224 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, September 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 481 | 0 | 297 | 924 | 547 | 0 | 0 | 61,450 |
| Petroleum Products | 9,032 | 9 | 0 | 2,538 | 7,264 | 3,290 | 0 | 88,465 | 30,093 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 226 | 0 | 0 | 0 | 685 |
| Liquefied Petroleum Gases | 53 | 0 | 0 | 452 | 5,299 | 52 | 0 | 2,416 | 2,798 |
| Unfinished Oils | 34 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 61 |
| Motor Gasoline Blending Components | 40 | 9 | 0 | 0 | 0 | 0 | 0 | 338 | 2,134 |
| Finished Motor Gasoline | 6,040 | 0 | 0 | 1,051 | 867 | 1,277 | 0 | 53,344 | 9,464 |
| Reformulated | 0 | 0 | 0 | 0 | 125 | 0 | 0 | 9,275 | 2,021 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Other | 6,040 | 0 | 0 | 1,051 | 742 | 1,276 | 0 | 44,069 | 7,443 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 59 | 139 |
| Jet Fuel | 323 | 0 | 0 | 135 | 0 | 1,136 | 0 | 11,925 | 5,050 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 323 | 0 | 0 | 135 | 0 | 1,136 | 0 | 11,925 | 5,050 |
| Kerosene | 43 | 0 | 0 | 51 | 0 | 0 | 0 | 111 | 11 |
| Distillate Fuel Oil | 2,452 | 0 | 0 | 462 | 561 | 811 | 0 | 17,795 | 8,483 |
| 0.05 percent sulfur and under | 1,907 | 0 | 0 | 251 | 502 | 811 | 0 | 12,110 | 7,435 |
| Greater than 0.05 percent sulfur | 545 | 0 | 0 | 211 | 59 | 0 | 0 | 5,685 | 1,048 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 302 | 0 | 0 | 1,363 | 0 |
| Petrochemical Feedstocks ^a | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 55 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 181 |
| Lubricants | 0 | 0 | 0 | 66 | 9 | 0 | 0 | 698 | 390 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 297 | 0 | 0 | 0 | 212 | 642 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,032 | 490 | 0 | 2,835 | 8,188 | 3,837 | 0 | 88,465 | 91,543 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,336 | 754 | 0 | 0 | 0 | 2,343 | 0 |
| Petroleum Products | 440 | 2,819 | 2,396 | 3,270 | 985 | 0 | 0 | 0 | 0 |
| Pentanes Plus | 0 | 0 | 192 | 278 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,473 | 2,992 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 254 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 312 | 2,060 | 432 | 0 | 706 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 789 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 312 | 1,271 | 432 | 0 | 706 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 66 | 251 | 0 | 0 | 72 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 66 | 251 | 0 | 0 | 72 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 62 | 253 | 299 | 0 | 207 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 62 | 215 | 299 | 0 | 207 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 440 | 2,819 | 4,732 | 4,024 | 985 | 0 | 0 | 2,343 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 391 | 0 | 127 | 1,037 | 612 | 0 | 0 | 66,458 |
| Petroleum Products | 9,050 | 455 | 0 | 2,696 | 6,589 | 3,384 | 0 | 95,856 | 33,077 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 211 | 0 | 0 | 0 | 892 |
| Liquefied Petroleum Gases | 100 | 0 | 0 | 964 | 4,704 | 118 | 0 | 2,646 | 4,643 |
| Unfinished Oils | 16 | 295 | 0 | 25 | 0 | 0 | 0 | 0 | 134 |
| Motor Gasoline Blending Components | 48 | 30 | 0 | 0 | 0 | 0 | 0 | 668 | 2,457 |
| Finished Motor Gasoline | 5,747 | 0 | 0 | 1,093 | 888 | 1,123 | 0 | 56,846 | 9,649 |
| Reformulated | 0 | 0 | 0 | 0 | 238 | 0 | 0 | 11,880 | 2,321 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 |
| Other | 5,747 | 0 | 0 | 1,093 | 650 | 1,094 | 0 | 44,966 | 7,328 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 120 | 167 |
| Jet Fuel | 354 | 0 | 0 | 19 | 73 | 1,069 | 0 | 12,789 | 5,641 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 354 | 0 | 0 | 19 | 73 | 1,069 | 0 | 12,789 | 5,641 |
| Kerosene | 13 | 0 | 0 | 11 | 0 | 0 | 0 | 97 | 75 |
| Distillate Fuel Oil | 2,737 | 0 | 0 | 342 | 410 | 1,066 | 0 | 20,083 | 8,310 |
| 0.05 percent sulfur and under | 2,232 | 0 | 0 | 164 | 349 | 1,066 | 0 | 13,503 | 7,040 |
| Greater than 0.05 percent sulfur | 505 | 0 | 0 | 178 | 61 | 0 | 0 | 6,580 | 1,270 |
| Residual Fuel Oil | 0 | 130 | 0 | 15 | 285 | 0 | 0 | 1,621 | 18 |
| Petrochemical Feedstocks ^a | 35 | 0 | 0 | 0 | 9 | 0 | 0 | 67 | 9 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 | 117 |
| Lubricants | 0 | 0 | 0 | 18 | 9 | 0 | 0 | 679 | 533 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 209 | 0 | 0 | 0 | 143 | 432 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,050 | 846 | 0 | 2,823 | 7,626 | 3,996 | 0 | 95,856 | 99,535 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|--------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,671 | 781 | 0 | 0 | 0 | 1,369 | 0 |
| Petroleum Products | 502 | 2,850 | 2,682 | 3,075 | 1,067 | 0 | 0 | 60 | 0 |
| Pentanes Plus | 0 | 0 | 177 | 234 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,592 | 2,841 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 850 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 392 | 1,241 | 570 | 0 | 752 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 392 | 1,241 | 570 | 0 | 752 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 46 | 291 | 1 | 0 | 74 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 46 | 291 | 1 | 0 | 74 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 64 | 376 | 336 | 0 | 241 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 64 | 330 | 336 | 0 | 236 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 46 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 92 | 0 | 0 | 0 | 0 | 0 | 60 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 502 | 2,850 | 5,353 | 3,856 | 1,067 | 0 | 0 | 1,429 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 378 | 0 | 118 | 1,032 | 585 | 0 | 0 | 56,757 |
| Petroleum Products | 9,682 | 236 | 0 | 1,986 | 7,173 | 3,182 | 0 | 90,888 | 33,023 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 161 | 0 | 0 | 0 | 770 |
| Liquefied Petroleum Gases | 164 | 0 | 0 | 1,087 | 4,735 | 163 | 0 | 2,502 | 4,987 |
| Unfinished Oils | 32 | 232 | 0 | 25 | 35 | 0 | 0 | 0 | 150 |
| Motor Gasoline Blending Components | 52 | 4 | 0 | 0 | 0 | 0 | 0 | 536 | 2,080 |
| Finished Motor Gasoline | 6,344 | 0 | 0 | 435 | 1,246 | 926 | 0 | 53,389 | 10,605 |
| Reformulated | 0 | 0 | 0 | 0 | 577 | 0 | 0 | 11,188 | 2,245 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 |
| Other | 6,344 | 0 | 0 | 435 | 669 | 894 | 0 | 42,201 | 8,360 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 39 | 79 |
| Jet Fuel | 278 | 0 | 0 | 24 | 25 | 1,018 | 0 | 11,865 | 5,391 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 278 | 0 | 0 | 24 | 25 | 1,018 | 0 | 11,865 | 5,391 |
| Kerosene | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 113 | 198 |
| Distillate Fuel Oil | 2,794 | 0 | 0 | 161 | 530 | 1,067 | 0 | 20,088 | 7,657 |
| 0.05 percent sulfur and under | 2,165 | 0 | 0 | 89 | 480 | 1,067 | 0 | 13,868 | 6,054 |
| Greater than 0.05 percent sulfur | 629 | 0 | 0 | 72 | 50 | 0 | 0 | 6,220 | 1,603 |
| Residual Fuel Oil | 0 | 0 | 0 | 22 | 429 | 0 | 0 | 1,284 | 33 |
| Petrochemical Feedstocks ^a | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 140 | 15 |
| Special Naphthas | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 115 | 186 |
| Lubricants | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 652 | 525 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 149 | 0 | 0 | 0 | 163 | 347 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,682 | 614 | 0 | 2,104 | 8,205 | 3,767 | 0 | 90,888 | 89,780 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|--------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,634 | 730 | 0 | 0 | 0 | 1,271 | 0 |
| Petroleum Products | 458 | 3,049 | 2,624 | 2,641 | 1,040 | 0 | 0 | 0 | 0 |
| Pentanes Plus | 0 | 0 | 150 | 245 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,503 | 2,396 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 1,013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 321 | 1,193 | 675 | 0 | 771 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 321 | 1,193 | 675 | 0 | 771 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 68 | 218 | 0 | 0 | 46 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 68 | 218 | 0 | 0 | 46 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 69 | 311 | 262 | 0 | 223 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 69 | 264 | 262 | 0 | 223 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 314 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 458 | 3,049 | 5,258 | 3,371 | 1,040 | 0 | 0 | 1,271 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 1999
(Thousand Barrels)

| Commodity | From I to | | | From II to | | | | From III to | |
|---|--------------|------------|----------|--------------|--------------|--------------|----------|---------------|---------------|
| | II | III | V | I | III | IV | V | I | II |
| Crude Oil | 0 | 378 | 0 | 301 | 1,053 | 561 | 0 | 0 | 51,067 |
| Petroleum Products | 9,605 | 83 | 0 | 2,873 | 7,980 | 3,484 | 0 | 96,423 | 32,746 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 148 | 0 | 0 | 0 | 688 |
| Liquefied Petroleum Gases | 209 | 0 | 0 | 1,074 | 5,373 | 213 | 0 | 3,542 | 5,506 |
| Unfinished Oils | 74 | 0 | 0 | 32 | 36 | 0 | 0 | 0 | 62 |
| Motor Gasoline Blending Components | 47 | 47 | 0 | 0 | 0 | 0 | 0 | 486 | 2,210 |
| Finished Motor Gasoline | 6,278 | 0 | 0 | 1,047 | 1,293 | 1,046 | 0 | 53,953 | 9,981 |
| Reformulated | 0 | 0 | 0 | 0 | 414 | 0 | 0 | 9,077 | 1,888 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 0 |
| Other | 6,278 | 0 | 0 | 1,047 | 879 | 1,012 | 0 | 44,876 | 8,093 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 76 | 69 |
| Jet Fuel | 322 | 0 | 0 | 24 | 197 | 1,138 | 0 | 13,511 | 6,702 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 322 | 0 | 0 | 24 | 197 | 1,138 | 0 | 13,511 | 6,702 |
| Kerosene | 5 | 0 | 0 | 177 | 0 | 0 | 0 | 143 | 0 |
| Distillate Fuel Oil | 2,611 | 0 | 0 | 311 | 503 | 1,079 | 0 | 22,209 | 6,551 |
| 0.05 percent sulfur and under | 2,067 | 0 | 0 | 164 | 455 | 1,079 | 0 | 13,533 | 5,292 |
| Greater than 0.05 percent sulfur | 544 | 0 | 0 | 147 | 48 | 0 | 0 | 8,676 | 1,259 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 412 | 0 | 0 | 1,258 | 0 |
| Petrochemical Feedstocks ^a | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | 29 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 | 155 |
| Lubricants | 0 | 36 | 0 | 45 | 18 | 0 | 0 | 798 | 591 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 163 | 0 | 0 | 0 | 27 | 202 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9,605 | 461 | 0 | 3,174 | 9,033 | 4,045 | 0 | 96,423 | 83,813 |

| Commodity | From III to | | From IV to | | | From V to | | | |
|---|-------------|--------------|--------------|--------------|--------------|-----------|----------|--------------|----------|
| | IV | V | II | III | V | I | II | III | IV |
| Crude Oil | 0 | 0 | 2,880 | 745 | 0 | 0 | 0 | 1,919 | 0 |
| Petroleum Products | 490 | 2,816 | 2,596 | 3,443 | 1,068 | 0 | 0 | 125 | 0 |
| Pentanes Plus | 0 | 0 | 150 | 322 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 0 | 0 | 1,488 | 3,121 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 1,011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 372 | 1,259 | 577 | 0 | 776 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 372 | 1,259 | 577 | 0 | 776 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jet Fuel | 54 | 215 | 22 | 0 | 37 | 0 | 0 | 0 | 0 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 54 | 215 | 22 | 0 | 37 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 64 | 331 | 338 | 0 | 255 | 0 | 0 | 0 | 0 |
| 0.05 percent sulfur and under | 64 | 273 | 338 | 0 | 255 | 0 | 0 | 0 | 0 |
| Greater than 0.05 percent sulfur | 0 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 490 | 2,816 | 5,476 | 4,188 | 1,068 | 0 | 0 | 2,044 | 0 |

^a Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."