

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 874 | 22 | 896 | 2,192 | -50 | 377 | 2,519 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,683 | 31 | 1,714 | 2,499 | 277 | 532 | 3,308 |
| Propane | W | W | W | 2,061 | W | W | W |
| Propylene | W | W | W | 438 | W | W | W |
| Normal Butane/Butylene | -708 | -9 | -717 | -363 | -313 | -191 | -867 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -101 | 0 | -101 | 56 | -14 | 36 | 78 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 29,660 | 1,066 | 30,726 | 36,598 | 7,787 | 11,051 | 55,436 |
| Reformulated | 18,490 | 0 | 18,490 | 6,648 | 1,380 | 0 | 8,028 |
| Oxygenated | 310 | 0 | 310 | 0 | 1,313 | 0 | 1,313 |
| Other | 10,860 | 1,066 | 11,926 | 29,950 | 5,094 | 11,051 | 46,095 |
| Finished Aviation Gasoline | 48 | 0 | 48 | 46 | 11 | 58 | 115 |
| Jet Fuel | 3,055 | 41 | 3,096 | 4,648 | 1,011 | 1,013 | 6,672 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,055 | 41 | 3,096 | 4,648 | 1,011 | 1,013 | 6,672 |
| Commercial | 3,055 | 29 | 3,084 | 4,504 | 976 | 894 | 6,374 |
| Military | 0 | 12 | 12 | 144 | 35 | 119 | 298 |
| Kerosene | 601 | 80 | 681 | 1,296 | 87 | 242 | 1,625 |
| Distillate Fuel Oil | 13,774 | 738 | 14,512 | 15,276 | 3,392 | 6,381 | 25,049 |
| 0.05 percent sulfur and under | 3,925 | 609 | 4,534 | 10,639 | 2,441 | 5,090 | 18,170 |
| Greater than 0.05 percent sulfur | 9,849 | 129 | 9,978 | 4,637 | 951 | 1,291 | 6,879 |
| Residual Fuel Oil | 4,067 | 47 | 4,114 | 1,166 | 143 | 88 | 1,397 |
| Less than 0.31 percent sulfur | 1,419 | 24 | 1,443 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,334 | 23 | 2,357 | 353 | 0 | 0 | 353 |
| Greater than 1.00 percent sulfur | 314 | 0 | 314 | 813 | 143 | 88 | 1,044 |
| Naphtha for Petrochemical Feedstock Use | 385 | 0 | 385 | 537 | 0 | 0 | 537 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 720 | 0 | 36 | 756 |
| Special Naphthas | 42 | 12 | 54 | 613 | 0 | 87 | 700 |
| Lubricants | 267 | 220 | 487 | 373 | 0 | 284 | 657 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 267 | 220 | 487 | 373 | 0 | 284 | 657 |
| Waxes | 0 | -4 | -4 | 66 | 0 | 40 | 106 |
| Petroleum Coke | 1,667 | 26 | 1,693 | 2,800 | 913 | 801 | 4,514 |
| Marketable | 678 | 0 | 678 | 1,775 | 584 | 611 | 2,970 |
| Catalyst | 989 | 26 | 1,015 | 1,025 | 329 | 190 | 1,544 |
| Asphalt and Road Oil | 1,093 | 487 | 1,580 | 3,420 | 1,040 | 628 | 5,088 |
| Still Gas | 1,805 | 70 | 1,875 | 2,764 | 454 | 766 | 3,984 |
| Miscellaneous Products | 35 | 34 | 69 | 186 | 79 | 27 | 292 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 35 | 34 | 69 | 186 | 79 | 27 | 292 |
| Total | 57,373 | 2,839 | 60,212 | 72,701 | 14,867 | 21,879 | 109,447 |
| Processing Gain(-) or Loss(+) ^a | -2,371 | -30 | -2,401 | -3,672 | -928 | -810 | -5,410 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. IV | PAD Dist. V | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | Rocky Mt. | West Coast | |
| | | | | | | | | | |
| Liquefied Refinery Gases | 528 | 5,993 | 3,904 | 18 | 60 | 10,503 | 92 | 1,300 | 15,310 |
| Ethane/Ethylene | 17 | 516 | 175 | 0 | 0 | 708 | 0 | 0 | 708 |
| Ethane | W | W | W | W | W | W | W | W | 552 |
| Ethylene | W | W | W | W | W | W | W | W | 156 |
| Propane/Propylene | 590 | 5,559 | 4,040 | 90 | 68 | 10,347 | 279 | 1,499 | 17,147 |
| Propane | W | 2,608 | 2,633 | W | W | 5,712 | W | W | 11,350 |
| Propylene | W | 2,951 | 1,407 | W | W | 4,635 | W | W | 5,797 |
| Normal Butane/Butylene | -61 | -384 | -372 | -56 | -8 | -881 | -173 | -178 | -2,816 |
| Normal Butane | W | W | W | W | W | W | W | W | -2,771 |
| Butylene | W | W | W | W | W | W | W | W | -45 |
| Isobutane/Isobutylene | -18 | 302 | 61 | -16 | 0 | 329 | -14 | -21 | 271 |
| Isobutane | W | W | W | W | W | W | W | W | 216 |
| Isobutylene | W | W | W | W | W | W | W | W | 55 |
| Finished Motor Gasoline | 9,834 | 50,199 | 41,441 | 1,722 | 1,861 | 105,057 | 8,196 | 40,757 | 240,172 |
| Reformulated | 556 | 13,282 | 4,268 | 0 | 0 | 18,106 | 0 | 27,937 | 72,561 |
| Oxygenated | 0 | 0 | 19 | 0 | 61 | 80 | 1,208 | 2,105 | 5,016 |
| Other | 9,278 | 36,917 | 37,154 | 1,722 | 1,800 | 86,871 | 6,988 | 10,715 | 162,595 |
| Finished Aviation Gasoline | 126 | 249 | 80 | 0 | 0 | 455 | 9 | 66 | 693 |
| Jet Fuel | 1,610 | 11,535 | 12,164 | 290 | 224 | 25,823 | 917 | 12,917 | 49,425 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| Kerosene-Type | 1,610 | 11,535 | 12,164 | 290 | 224 | 25,823 | 917 | 12,902 | 49,410 |
| Commercial | 1,362 | 10,185 | 11,814 | 221 | 0 | 23,582 | 773 | 12,132 | 45,945 |
| Military | 248 | 1,350 | 350 | 69 | 224 | 2,241 | 144 | 770 | 3,465 |
| Kerosene | 5 | 1,037 | 22 | 66 | -3 | 1,127 | 141 | 125 | 3,699 |
| Distillate Fuel Oil | 4,218 | 17,682 | 18,048 | 1,441 | 760 | 42,149 | 3,993 | 12,750 | 98,453 |
| 0.05 percent sulfur and under | 3,263 | 13,155 | 8,106 | 697 | 731 | 25,952 | 3,394 | 9,710 | 61,760 |
| Greater than 0.05 percent sulfur | 955 | 4,527 | 9,942 | 744 | 29 | 16,197 | 599 | 3,040 | 36,693 |
| Residual Fuel Oil | 317 | 6,388 | 4,430 | 240 | 14 | 11,389 | 351 | 6,765 | 24,016 |
| Less than 0.31 percent sulfur | 160 | 4 | 311 | 0 | 0 | 475 | 82 | 152 | 2,152 |
| 0.31 to 1.00 percent sulfur | 99 | 909 | 900 | 216 | 14 | 2,138 | 77 | 1,207 | 6,132 |
| Greater than 1.00 percent sulfur | 58 | 5,475 | 3,219 | 24 | 0 | 8,776 | 192 | 5,406 | 15,732 |
| Naphtha for Petrochemical Feedstock Use | 108 | 4,120 | 1,094 | 0 | -12 | 5,310 | 0 | 179 | 6,411 |
| Other Oils for Petrochemical Feedstock Use | 105 | 2,769 | 2,470 | 0 | 0 | 5,344 | 18 | 169 | 6,287 |
| Special Naphthas | 106 | 483 | 123 | 129 | 0 | 841 | 0 | 58 | 1,653 |
| Lubricants | W | 1,503 | W | W | W | 3,435 | 0 | 693 | 5,272 |
| Naphthenic | W | 183 | W | W | W | 686 | 0 | 304 | 990 |
| Paraffinic | W | 1,320 | W | W | W | 2,749 | 0 | 389 | 4,282 |
| Waxes | 0 | 140 | 112 | 85 | 0 | 337 | 117 | 83 | 639 |
| Petroleum Coke | 266 | 5,355 | 5,036 | 85 | 35 | 10,777 | 565 | 4,615 | 22,164 |
| Marketable | 30 | 3,486 | 3,864 | 67 | 0 | 7,447 | 313 | 3,519 | 14,927 |
| Catalyst | 236 | 1,869 | 1,172 | 18 | 35 | 3,330 | 252 | 1,096 | 7,237 |
| Asphalt and Road Oil | 445 | 792 | 509 | 1,064 | 144 | 2,954 | 1,105 | 1,359 | 12,086 |
| Still Gas | 778 | 4,106 | 3,598 | 173 | 76 | 8,731 | 675 | 4,079 | 19,344 |
| Miscellaneous Products | 56 | 457 | 515 | 0 | 0 | 1,028 | 59 | 135 | 1,583 |
| Fuel Use | 0 | 0 | 204 | 0 | 0 | 204 | 0 | -55 | 149 |
| Nonfuel Use | 56 | 457 | 311 | 0 | 0 | 824 | 59 | 190 | 1,434 |
| Total | 18,546 | 112,808 | 94,844 | 5,903 | 3,159 | 235,260 | 16,238 | 86,050 | 507,207 |
| Processing Gain(-) or Loss(+) ^a | -747 | -6,760 | -5,893 | -40 | -31 | -13,471 | -718 | -4,428 | -26,428 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 707 | 17 | 724 | 2,200 | 162 | 380 | 2,742 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,513 | 28 | 1,541 | 2,324 | 272 | 502 | 3,098 |
| Propane | W | W | W | 1,903 | W | W | W |
| Propylene | W | W | W | 421 | W | W | W |
| Normal Butane/Butylene | -700 | -9 | -709 | -236 | -101 | -137 | -474 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -106 | -2 | -108 | 112 | -9 | 15 | 118 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 27,084 | 976 | 28,060 | 33,462 | 6,478 | 9,846 | 49,786 |
| Reformulated | 17,382 | 0 | 17,382 | 5,940 | 1,295 | 0 | 7,235 |
| Oxygenated | 47 | 0 | 47 | 0 | 1,150 | 80 | 1,230 |
| Other | 9,655 | 976 | 10,631 | 27,522 | 4,033 | 9,766 | 41,321 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 50 | 37 | 44 | 131 |
| Jet Fuel | 3,101 | 63 | 3,164 | 4,361 | 900 | 1,141 | 6,402 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,101 | 63 | 3,164 | 4,361 | 900 | 1,141 | 6,402 |
| Commercial | 3,101 | 44 | 3,145 | 4,178 | 830 | 1,018 | 6,026 |
| Military | 0 | 19 | 19 | 183 | 70 | 123 | 376 |
| Kerosene | 224 | 70 | 294 | 612 | 102 | 50 | 764 |
| Distillate Fuel Oil | 11,250 | 610 | 11,860 | 15,740 | 2,625 | 5,498 | 23,863 |
| 0.05 percent sulfur and under | 4,602 | 504 | 5,106 | 11,399 | 1,700 | 4,158 | 17,257 |
| Greater than 0.05 percent sulfur | 6,648 | 106 | 6,754 | 4,341 | 925 | 1,340 | 6,606 |
| Residual Fuel Oil | 3,334 | 41 | 3,375 | 1,019 | 176 | 88 | 1,283 |
| Less than 0.31 percent sulfur | 946 | 21 | 967 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,184 | 20 | 2,204 | 297 | 0 | 0 | 297 |
| Greater than 1.00 percent sulfur | 204 | 0 | 204 | 722 | 176 | 88 | 986 |
| Naphtha for Petrochemical Feedstock Use | 421 | 0 | 421 | 557 | 0 | 0 | 557 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 525 | 0 | 59 | 584 |
| Special Naphthas | 26 | 20 | 46 | 638 | 0 | 95 | 733 |
| Lubricants | 322 | 173 | 495 | 344 | 0 | 251 | 595 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 322 | 173 | 495 | 344 | 0 | 251 | 595 |
| Waxes | 0 | 25 | 25 | 63 | 0 | 42 | 105 |
| Petroleum Coke | 1,524 | 22 | 1,546 | 2,591 | 751 | 775 | 4,117 |
| Marketable | 663 | 0 | 663 | 1,623 | 472 | 593 | 2,688 |
| Catalyst | 861 | 22 | 883 | 968 | 279 | 182 | 1,429 |
| Asphalt and Road Oil | 1,366 | 435 | 1,801 | 2,833 | 1,010 | 536 | 4,379 |
| Still Gas | 1,550 | 62 | 1,612 | 2,498 | 382 | 683 | 3,563 |
| Miscellaneous Products | 33 | 29 | 62 | 188 | 62 | 40 | 290 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 33 | 29 | 62 | 188 | 62 | 40 | 290 |
| Total | 50,942 | 2,543 | 53,485 | 67,681 | 12,685 | 19,528 | 99,894 |
| Processing Gain(-) or Loss(+) ^a | -2,136 | -39 | -2,175 | -3,313 | -836 | -624 | -4,773 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 406 | 6,571 | 3,448 | 31 | 54 | 10,510 | 64 | 1,378 | 15,418 |
| Ethane/Ethylene | 19 | 604 | 149 | 0 | 0 | 772 | 0 | 0 | 772 |
| Ethane | W | W | W | W | W | W | W | W | 618 |
| Ethylene | W | W | W | W | W | W | W | W | 154 |
| Propane/Propylene | 599 | 5,176 | 3,340 | 79 | 52 | 9,246 | 220 | 1,084 | 15,189 |
| Propane | W | 2,392 | 2,255 | W | W | 5,130 | W | W | 9,907 |
| Propylene | W | 2,784 | 1,085 | W | W | 4,116 | W | W | 5,282 |
| Normal Butane/Butylene | -44 | 507 | -130 | -30 | 2 | 305 | -117 | 102 | -893 |
| Normal Butane | W | W | W | W | W | W | W | W | -986 |
| Butylene | W | W | W | W | W | W | W | W | 93 |
| Isobutane/Isobutylene | -168 | 284 | 89 | -18 | 0 | 187 | -39 | 192 | 350 |
| Isobutane | W | W | W | W | W | W | W | W | 286 |
| Isobutylene | W | W | W | W | W | W | W | W | 64 |
| Finished Motor Gasoline | 9,124 | 45,922 | 34,489 | 1,543 | 1,526 | 92,604 | 6,934 | 34,535 | 211,919 |
| Reformulated | 685 | 13,306 | 2,788 | 0 | 0 | 16,779 | 0 | 24,359 | 65,755 |
| Oxygenated | 0 | 0 | 20 | 0 | 56 | 76 | 276 | 1,941 | 3,570 |
| Other | 8,439 | 32,616 | 31,681 | 1,543 | 1,470 | 75,749 | 6,658 | 8,235 | 142,594 |
| Finished Aviation Gasoline | 62 | 125 | 104 | 0 | 0 | 291 | 3 | 25 | 450 |
| Jet Fuel | 1,245 | 10,318 | 10,444 | 257 | 202 | 22,466 | 745 | 11,086 | 43,863 |
| Naphtha-Type | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 13 | 14 |
| Kerosene-Type | 1,244 | 10,318 | 10,444 | 257 | 202 | 22,465 | 745 | 11,073 | 43,849 |
| Commercial | 1,056 | 9,115 | 10,152 | 199 | 0 | 20,522 | 652 | 10,556 | 40,901 |
| Military | 188 | 1,203 | 292 | 58 | 202 | 1,943 | 93 | 517 | 2,948 |
| Kerosene | 5 | 548 | -156 | 55 | 0 | 452 | 104 | 103 | 1,717 |
| Distillate Fuel Oil | 3,547 | 18,109 | 16,202 | 1,254 | 659 | 39,771 | 3,812 | 11,780 | 91,086 |
| 0.05 percent sulfur and under | 2,841 | 13,402 | 7,143 | 547 | 655 | 24,588 | 3,195 | 9,108 | 59,254 |
| Greater than 0.05 percent sulfur | 706 | 4,707 | 9,059 | 707 | 4 | 15,183 | 617 | 2,672 | 31,832 |
| Residual Fuel Oil | 332 | 5,342 | 3,930 | 209 | 10 | 9,823 | 324 | 5,525 | 20,330 |
| Less than 0.31 percent sulfur | 189 | 0 | 295 | 0 | 0 | 484 | 77 | 110 | 1,638 |
| 0.31 to 1.00 percent sulfur | 84 | 540 | 746 | 183 | 10 | 1,563 | 82 | 924 | 5,070 |
| Greater than 1.00 percent sulfur | 59 | 4,802 | 2,889 | 26 | 0 | 7,776 | 165 | 4,491 | 13,622 |
| Naphtha for Petrochemical Feedstock Use | 104 | 4,297 | 933 | 0 | -3 | 5,331 | 0 | 157 | 6,466 |
| Other Oils for Petrochemical Feedstock Use | 101 | 2,614 | 2,062 | 0 | 0 | 4,777 | 15 | 76 | 5,452 |
| Special Naphthas | 98 | 511 | 99 | 141 | 0 | 849 | 0 | 54 | 1,682 |
| Lubricants | W | 1,272 | W | W | W | 2,906 | 0 | 511 | 4,507 |
| Naphthenic | W | 139 | W | W | W | 665 | 0 | 247 | 912 |
| Paraffinic | W | 1,133 | W | W | W | 2,241 | 0 | 264 | 3,595 |
| Waxes | 0 | 146 | 107 | 69 | 0 | 322 | 82 | 140 | 674 |
| Petroleum Coke | 267 | 5,051 | 4,302 | 73 | 32 | 9,725 | 507 | 4,129 | 20,024 |
| Marketable | 14 | 3,307 | 3,408 | 55 | 0 | 6,784 | 295 | 3,178 | 13,608 |
| Catalyst | 253 | 1,744 | 894 | 18 | 32 | 2,941 | 212 | 951 | 6,416 |
| Asphalt and Road Oil | 449 | 817 | 722 | 1,078 | 136 | 3,202 | 1,105 | 1,253 | 11,740 |
| Still Gas | 690 | 3,595 | 3,048 | 161 | 74 | 7,568 | 557 | 3,473 | 16,773 |
| Miscellaneous Products | 52 | 466 | 365 | 0 | 0 | 883 | 56 | 94 | 1,385 |
| Fuel Use | 0 | 0 | 93 | 0 | 0 | 93 | 0 | -61 | 32 |
| Nonfuel Use | 52 | 466 | 272 | 0 | 0 | 790 | 56 | 155 | 1,353 |
| Total | 16,527 | 105,704 | 81,033 | 5,526 | 2,690 | 211,480 | 14,308 | 74,319 | 453,486 |
| Processing Gain(-) or Loss(+) ^a | -677 | -7,427 | -3,689 | -39 | -24 | -11,856 | -283 | -4,953 | -24,040 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | Total |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | |
| Liquefied Refinery Gases | 1,293 | 19 | 1,312 | 2,370 | 277 | 675 | 3,322 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,512 | 28 | 1,540 | 2,158 | 270 | 592 | 3,020 |
| Propane | W | W | W | 1,710 | W | W | W |
| Propylene | W | W | W | 448 | W | W | W |
| Normal Butane/Butylene | -23 | -8 | -31 | 199 | 25 | 61 | 285 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -196 | -1 | -197 | 13 | -18 | 22 | 17 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 27,877 | 1,021 | 28,898 | 32,669 | 6,776 | 10,832 | 50,277 |
| Reformulated | 19,442 | 0 | 19,442 | 6,948 | 1,486 | 61 | 8,495 |
| Oxygenated | 0 | -1 | -1 | 0 | 1,324 | -9 | 1,315 |
| Other | 8,435 | 1,022 | 9,457 | 25,721 | 3,966 | 10,780 | 40,467 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 27 | 30 | 47 | 104 |
| Jet Fuel | 3,098 | 54 | 3,152 | 4,145 | 966 | 965 | 6,076 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,098 | 54 | 3,152 | 4,145 | 966 | 965 | 6,076 |
| Commercial | 3,098 | 37 | 3,135 | 3,979 | 866 | 832 | 5,677 |
| Military | 0 | 17 | 17 | 166 | 100 | 133 | 399 |
| Kerosene | 336 | 67 | 403 | 162 | 0 | 68 | 230 |
| Distillate Fuel Oil | 11,697 | 622 | 12,319 | 13,488 | 2,444 | 6,453 | 22,385 |
| 0.05 percent sulfur and under | 4,894 | 546 | 5,440 | 9,808 | 1,302 | 5,113 | 16,223 |
| Greater than 0.05 percent sulfur | 6,803 | 76 | 6,879 | 3,680 | 1,142 | 1,340 | 6,162 |
| Residual Fuel Oil | 3,343 | 46 | 3,389 | 1,103 | 247 | 91 | 1,441 |
| Less than 0.31 percent sulfur | 1,370 | 24 | 1,394 | 55 | 0 | 0 | 55 |
| 0.31 to 1.00 percent sulfur | 1,963 | 22 | 1,985 | 281 | 0 | 0 | 281 |
| Greater than 1.00 percent sulfur | 10 | 0 | 10 | 767 | 247 | 91 | 1,105 |
| Naphtha for Petrochemical Feedstock Use | 433 | 0 | 433 | 591 | 0 | 0 | 591 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 612 | 0 | 63 | 675 |
| Special Naphthas | 33 | 33 | 66 | 680 | 0 | 80 | 760 |
| Lubricants | 360 | 259 | 619 | 334 | 0 | 132 | 466 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 360 | 259 | 619 | 334 | 0 | 132 | 466 |
| Waxes | 0 | -1 | -1 | 69 | 0 | 34 | 103 |
| Petroleum Coke | 1,584 | 24 | 1,608 | 2,452 | 708 | 829 | 3,989 |
| Marketable | 717 | 0 | 717 | 1,523 | 426 | 619 | 2,568 |
| Catalyst | 867 | 24 | 891 | 929 | 282 | 210 | 1,421 |
| Asphalt and Road Oil | 2,025 | 494 | 2,519 | 4,033 | 1,117 | 716 | 5,866 |
| Still Gas | 1,701 | 79 | 1,780 | 2,421 | 467 | 857 | 3,745 |
| Miscellaneous Products | 33 | 38 | 71 | 165 | 62 | 61 | 288 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 33 | 38 | 71 | 165 | 62 | 61 | 288 |
| Total | 53,813 | 2,755 | 56,568 | 65,321 | 13,094 | 21,903 | 100,318 |
| Processing Gain(-) or Loss(+) ^a | -2,062 | -24 | -2,086 | -3,039 | -808 | -760 | -4,607 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 975 | 8,297 | 4,313 | 80 | 54 | 13,719 | 237 | 1,948 | 20,538 |
| Ethane/Ethylene | 27 | 701 | 139 | 0 | 0 | 867 | 0 | 0 | 867 |
| Ethane | W | W | W | W | W | W | W | W | 677 |
| Ethylene | W | W | W | W | W | W | W | W | 190 |
| Propane/Propylene | 681 | 5,710 | 3,490 | 85 | 50 | 10,016 | 282 | 1,123 | 15,981 |
| Propane | W | 2,501 | 2,539 | W | W | 5,588 | W | W | 10,436 |
| Propylene | W | 3,209 | 951 | W | W | 4,428 | W | W | 5,545 |
| Normal Butane/Butylene | 398 | 1,728 | 585 | 7 | 4 | 2,722 | 3 | 693 | 3,672 |
| Normal Butane | W | W | W | W | W | W | W | W | 3,639 |
| Butylene | W | W | W | W | W | W | W | W | 33 |
| Isobutane/Isobutylene | -131 | 158 | 99 | -12 | 0 | 114 | -48 | 132 | 18 |
| Isobutane | W | W | W | W | W | W | W | W | -6 |
| Isobutylene | W | W | W | W | W | W | W | W | 24 |
| Finished Motor Gasoline | 8,973 | 53,505 | 40,107 | 1,503 | 1,657 | 105,745 | 7,872 | 38,443 | 231,235 |
| Reformulated | 337 | 15,305 | 3,349 | 0 | 0 | 18,991 | 0 | 28,053 | 74,981 |
| Oxygenated | 0 | 0 | 20 | 0 | 57 | 77 | 58 | 2,006 | 3,455 |
| Other | 8,636 | 38,200 | 36,738 | 1,503 | 1,600 | 86,677 | 7,814 | 8,384 | 152,799 |
| Finished Aviation Gasoline | 136 | 29 | 44 | 0 | 0 | 209 | 10 | 130 | 453 |
| Jet Fuel | 1,465 | 11,970 | 11,331 | 180 | 195 | 25,141 | 834 | 11,933 | 47,136 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| Kerosene-Type | 1,465 | 11,970 | 11,331 | 180 | 195 | 25,141 | 834 | 11,918 | 47,121 |
| Commercial | 1,120 | 9,718 | 10,557 | 103 | 0 | 21,498 | 694 | 11,027 | 42,031 |
| Military | 345 | 2,252 | 774 | 77 | 195 | 3,643 | 140 | 891 | 5,090 |
| Kerosene | -15 | 403 | -141 | 71 | 5 | 323 | 3 | 147 | 1,106 |
| Distillate Fuel Oil | 4,029 | 21,288 | 18,971 | 1,281 | 757 | 46,326 | 4,310 | 13,327 | 98,667 |
| 0.05 percent sulfur and under | 3,071 | 16,396 | 9,949 | 637 | 704 | 30,757 | 3,497 | 10,455 | 66,372 |
| Greater than 0.05 percent sulfur | 958 | 4,892 | 9,022 | 644 | 53 | 15,569 | 813 | 2,872 | 32,295 |
| Residual Fuel Oil | 383 | 4,337 | 4,247 | 254 | 15 | 9,236 | 351 | 6,748 | 21,165 |
| Less than 0.31 percent sulfur | 192 | 0 | 311 | 0 | 0 | 503 | 67 | 181 | 2,200 |
| 0.31 to 1.00 percent sulfur | 115 | 349 | 642 | 221 | 15 | 1,342 | 71 | 838 | 4,517 |
| Greater than 1.00 percent sulfur | 76 | 3,988 | 3,294 | 33 | 0 | 7,391 | 213 | 5,729 | 14,448 |
| Naphtha for Petrochemical Feedstock Use | 100 | 4,765 | 927 | 0 | 16 | 5,808 | 0 | 109 | 6,941 |
| Other Oils for Petrochemical Feedstock Use | 108 | 2,739 | 2,498 | 0 | 0 | 5,345 | 18 | 72 | 6,110 |
| Special Naphthas | 72 | 534 | 121 | 154 | 0 | 881 | 0 | 12 | 1,719 |
| Lubricants | W | 1,652 | W | W | W | 3,439 | 0 | 531 | 5,055 |
| Naphthenic | W | 193 | W | W | W | 800 | 0 | 303 | 1,103 |
| Paraffinic | W | 1,459 | W | W | W | 2,639 | 0 | 228 | 3,952 |
| Waxes | 0 | 202 | 120 | 93 | 0 | 415 | 111 | -86 | 542 |
| Petroleum Coke | 258 | 6,113 | 4,766 | 73 | 36 | 11,246 | 522 | 4,508 | 21,873 |
| Marketable | 31 | 4,054 | 3,715 | 54 | 0 | 7,854 | 320 | 3,583 | 15,042 |
| Catalyst | 227 | 2,059 | 1,051 | 19 | 36 | 3,392 | 202 | 925 | 6,831 |
| Asphalt and Road Oil | 511 | 947 | 1,006 | 1,106 | 128 | 3,698 | 1,150 | 1,550 | 14,783 |
| Still Gas | 652 | 4,320 | 3,442 | 175 | 80 | 8,669 | 572 | 4,360 | 19,126 |
| Miscellaneous Products | 26 | 497 | 494 | 0 | 0 | 1,017 | 59 | 150 | 1,585 |
| Fuel Use | 0 | 0 | 216 | 0 | 0 | 216 | 0 | -26 | 190 |
| Nonfuel Use | 26 | 497 | 278 | 0 | 0 | 801 | 59 | 176 | 1,395 |
| Total | 17,726 | 121,598 | 93,268 | 5,682 | 2,943 | 241,217 | 16,049 | 83,882 | 498,034 |
| Processing Gain(-) or Loss(+) ^a | -650 | -6,437 | -4,734 | -9 | -22 | -11,852 | -626 | -4,071 | -23,242 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 1,903 | 20 | 1,923 | 3,796 | 342 | 656 | 4,794 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,380 | 31 | 1,411 | 2,611 | 225 | 515 | 3,351 |
| Propane | W | W | W | 2,084 | W | W | W |
| Propylene | W | W | W | 527 | W | W | W |
| Normal Butane/Butylene | 662 | -6 | 656 | 1,042 | 121 | 154 | 1,317 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -139 | -5 | -144 | 143 | -4 | -13 | 126 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 31,009 | 1,146 | 32,155 | 34,986 | 6,252 | 10,911 | 52,149 |
| Reformulated | 19,833 | 0 | 19,833 | 6,899 | 1,364 | -9 | 8,254 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,148 | 88 | 1,236 |
| Other | 11,176 | 1,146 | 12,322 | 28,087 | 3,740 | 10,832 | 42,659 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 47 | 25 | 62 | 134 |
| Jet Fuel | 3,513 | 64 | 3,577 | 4,597 | 948 | 1,158 | 6,703 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,513 | 64 | 3,577 | 4,597 | 948 | 1,158 | 6,703 |
| Commercial | 3,513 | 45 | 3,558 | 4,520 | 916 | 1,019 | 6,455 |
| Military | 0 | 19 | 19 | 77 | 32 | 139 | 248 |
| Kerosene | 70 | 53 | 123 | 197 | 24 | 10 | 231 |
| Distillate Fuel Oil | 11,570 | 704 | 12,274 | 16,222 | 2,562 | 6,398 | 25,182 |
| 0.05 percent sulfur and under | 5,964 | 625 | 6,589 | 11,385 | 1,415 | 4,764 | 17,564 |
| Greater than 0.05 percent sulfur | 5,606 | 79 | 5,685 | 4,837 | 1,147 | 1,634 | 7,618 |
| Residual Fuel Oil | 2,854 | 54 | 2,908 | 1,529 | 248 | 76 | 1,853 |
| Less than 0.31 percent sulfur | 1,360 | 39 | 1,399 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 1,589 | 15 | 1,604 | 344 | 0 | 10 | 354 |
| Greater than 1.00 percent sulfur | -95 | 0 | -95 | 1,185 | 248 | 66 | 1,499 |
| Naphtha for Petrochemical Feedstock Use | 394 | 0 | 394 | 566 | 0 | 0 | 566 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 711 | 0 | 58 | 769 |
| Special Naphthas | 36 | 29 | 65 | 708 | 0 | 56 | 764 |
| Lubricants | 309 | 178 | 487 | 280 | 0 | 266 | 546 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 309 | 178 | 487 | 280 | 0 | 266 | 546 |
| Waxes | 0 | -22 | -22 | 67 | 0 | 39 | 106 |
| Petroleum Coke | 1,575 | 26 | 1,601 | 2,526 | 598 | 803 | 3,927 |
| Marketable | 705 | 0 | 705 | 1,491 | 405 | 567 | 2,463 |
| Catalyst | 870 | 26 | 896 | 1,035 | 193 | 236 | 1,464 |
| Asphalt and Road Oil | 2,782 | 483 | 3,265 | 3,951 | 840 | 761 | 5,552 |
| Still Gas | 1,700 | 82 | 1,782 | 2,975 | 384 | 952 | 4,311 |
| Miscellaneous Products | 28 | 38 | 66 | 208 | 61 | 62 | 331 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 28 | 38 | 66 | 208 | 61 | 62 | 331 |
| Total | 57,743 | 2,855 | 60,598 | 73,366 | 12,284 | 22,268 | 107,918 |
| Processing Gain(-) or Loss(+) ^a | -1,851 | -38 | -1,889 | -3,383 | -586 | -838 | -4,807 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 687 | 9,522 | 5,287 | 118 | 97 | 15,711 | 198 | 2,593 | 25,219 |
| Ethane/Ethylene | 27 | 797 | 124 | 0 | 0 | 948 | 0 | 0 | 948 |
| Ethane | W | W | W | W | W | W | W | W | 779 |
| Ethylene | W | W | W | W | W | W | W | W | 169 |
| Propane/Propylene | 618 | 5,624 | 3,887 | 100 | 71 | 10,300 | 202 | 1,266 | 16,530 |
| Propane | W | 2,827 | 2,721 | W | W | 6,086 | W | W | 11,249 |
| Propylene | W | 2,797 | 1,166 | W | W | 4,214 | W | W | 5,281 |
| Normal Butane/Butylene | 160 | 2,831 | 1,147 | 16 | 26 | 4,180 | 52 | 907 | 7,112 |
| Normal Butane | W | W | W | W | W | W | W | W | 7,006 |
| Butylene | W | W | W | W | W | W | W | W | 106 |
| Isobutane/Isobutylene | -118 | 270 | 129 | 2 | 0 | 283 | -56 | 420 | 629 |
| Isobutane | W | W | W | W | W | W | W | W | 564 |
| Isobutylene | W | W | W | W | W | W | W | W | 65 |
| Finished Motor Gasoline | 9,756 | 56,417 | 39,127 | 1,707 | 1,448 | 108,455 | 6,725 | 39,038 | 238,522 |
| Reformulated | 836 | 17,848 | 3,719 | 0 | 0 | 22,403 | 0 | 30,425 | 80,915 |
| Oxygenated | 0 | 0 | 18 | 0 | 41 | 59 | 44 | 122 | 1,461 |
| Other | 8,920 | 38,569 | 35,390 | 1,707 | 1,407 | 85,993 | 6,681 | 8,491 | 156,146 |
| Finished Aviation Gasoline | 155 | 154 | 82 | 0 | 0 | 391 | 10 | 55 | 590 |
| Jet Fuel | 1,596 | 12,149 | 12,156 | 281 | 234 | 26,416 | 661 | 11,889 | 49,246 |
| Naphtha-Type | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 19 | 21 |
| Kerosene-Type | 1,594 | 12,149 | 12,156 | 281 | 234 | 26,414 | 661 | 11,870 | 49,225 |
| Commercial | 1,263 | 9,843 | 11,652 | 227 | 0 | 22,985 | 528 | 10,707 | 44,233 |
| Military | 331 | 2,306 | 504 | 54 | 234 | 3,429 | 133 | 1,163 | 4,992 |
| Kerosene | 0 | 559 | -162 | 61 | -5 | 453 | 62 | 103 | 972 |
| Distillate Fuel Oil | 4,374 | 21,942 | 19,361 | 1,428 | 725 | 47,830 | 3,778 | 13,145 | 102,209 |
| 0.05 percent sulfur and under | 3,552 | 17,229 | 10,460 | 785 | 715 | 32,741 | 3,037 | 9,121 | 69,052 |
| Greater than 0.05 percent sulfur | 822 | 4,713 | 8,901 | 643 | 10 | 15,089 | 741 | 4,024 | 33,157 |
| Residual Fuel Oil | 245 | 4,800 | 3,257 | 205 | 12 | 8,519 | 422 | 6,660 | 20,362 |
| Less than 0.31 percent sulfur | 152 | 2 | 331 | 0 | 0 | 485 | 81 | 154 | 2,119 |
| 0.31 to 1.00 percent sulfur | 33 | 701 | 805 | 179 | 12 | 1,730 | 169 | 1,046 | 4,903 |
| Greater than 1.00 percent sulfur | 60 | 4,097 | 2,121 | 26 | 0 | 6,304 | 172 | 5,460 | 13,340 |
| Naphtha for Petrochemical Feedstock Use | 118 | 3,025 | 512 | 0 | 5 | 3,660 | 0 | 162 | 4,782 |
| Other Oils for Petrochemical Feedstock Use | 127 | 2,534 | 2,061 | 0 | 0 | 4,722 | 17 | 295 | 5,803 |
| Special Naphthas | 102 | 1,713 | 82 | 168 | 0 | 2,065 | 0 | 15 | 2,909 |
| Lubricants | W | 1,817 | W | W | W | 3,916 | 0 | 496 | 5,445 |
| Naphthenic | W | 244 | W | W | W | 820 | 0 | 283 | 1,103 |
| Paraffinic | W | 1,573 | W | W | W | 3,096 | 0 | 213 | 4,342 |
| Waxes | 0 | 187 | 135 | 41 | 0 | 363 | 115 | 161 | 723 |
| Petroleum Coke | 297 | 5,832 | 4,720 | 74 | 35 | 10,958 | 356 | 4,789 | 21,631 |
| Marketable | 24 | 3,757 | 3,649 | 55 | 0 | 7,485 | 189 | 3,861 | 14,703 |
| Catalyst | 273 | 2,075 | 1,071 | 19 | 35 | 3,473 | 167 | 928 | 6,928 |
| Asphalt and Road Oil | 495 | 898 | 1,255 | 1,105 | 143 | 3,896 | 1,279 | 1,656 | 15,648 |
| Still Gas | 698 | 4,799 | 3,402 | 172 | 96 | 9,167 | 509 | 4,496 | 20,265 |
| Miscellaneous Products | 59 | 471 | 489 | 0 | 0 | 1,019 | 49 | 213 | 1,678 |
| Fuel Use | 0 | 0 | 170 | 0 | 0 | 170 | 0 | 20 | 190 |
| Nonfuel Use | 59 | 471 | 319 | 0 | 0 | 849 | 49 | 193 | 1,488 |
| Total | 18,759 | 126,819 | 93,108 | 6,065 | 2,790 | 247,541 | 14,181 | 85,766 | 516,004 |
| Processing Gain(-) or Loss(+) ^a | -248 | -8,490 | -4,827 | -73 | -41 | -13,679 | -427 | -5,137 | -25,939 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts,
May 1999**
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 2,003 | 63 | 2,066 | 4,521 | 374 | 619 | 5,514 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,633 | 30 | 1,663 | 3,073 | 240 | 524 | 3,837 |
| Propane | W | W | W | 2,444 | W | W | W |
| Propylene | W | W | W | 629 | W | W | W |
| Normal Butane/Butylene | 446 | 36 | 482 | 1,233 | 128 | 168 | 1,529 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -76 | -3 | -79 | 215 | 6 | -73 | 148 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 33,107 | 1,120 | 34,227 | 38,162 | 6,725 | 11,830 | 56,717 |
| Reformulated | 20,816 | 0 | 20,816 | 7,239 | 1,734 | 0 | 8,973 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,348 | 39 | 1,387 |
| Other | 12,291 | 1,120 | 13,411 | 30,923 | 3,643 | 11,791 | 46,357 |
| Finished Aviation Gasoline | -10 | 0 | -10 | 54 | 22 | 46 | 122 |
| Jet Fuel | 3,321 | 50 | 3,371 | 4,968 | 973 | 1,088 | 7,029 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,321 | 50 | 3,371 | 4,968 | 973 | 1,088 | 7,029 |
| Commercial | 3,321 | 35 | 3,356 | 4,809 | 900 | 958 | 6,667 |
| Military | 0 | 15 | 15 | 159 | 73 | 130 | 362 |
| Kerosene | 290 | 43 | 333 | 81 | 0 | 59 | 140 |
| Distillate Fuel Oil | 14,965 | 769 | 15,734 | 17,259 | 2,572 | 6,772 | 26,603 |
| 0.05 percent sulfur and under | 6,942 | 671 | 7,613 | 12,706 | 1,350 | 4,943 | 18,999 |
| Greater than 0.05 percent sulfur | 8,023 | 98 | 8,121 | 4,553 | 1,222 | 1,829 | 7,604 |
| Residual Fuel Oil | 2,762 | 39 | 2,801 | 1,446 | 277 | 131 | 1,854 |
| Less than 0.31 percent sulfur | 1,245 | 28 | 1,273 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,119 | 11 | 2,130 | 375 | 0 | 53 | 428 |
| Greater than 1.00 percent sulfur | -602 | 0 | -602 | 1,071 | 277 | 78 | 1,426 |
| Naphtha for Petrochemical Feedstock Use | 403 | 0 | 403 | 715 | 0 | 0 | 715 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 758 | 0 | 56 | 814 |
| Special Naphthas | 40 | 30 | 70 | 599 | 0 | 78 | 677 |
| Lubricants | 277 | 226 | 503 | 453 | 0 | 265 | 718 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 277 | 226 | 503 | 453 | 0 | 265 | 718 |
| Waxes | 0 | 0 | 0 | 70 | 0 | 48 | 118 |
| Petroleum Coke | 1,663 | 29 | 1,692 | 2,963 | 558 | 844 | 4,365 |
| Marketable | 667 | 0 | 667 | 1,814 | 371 | 618 | 2,803 |
| Catalyst | 996 | 29 | 1,025 | 1,149 | 187 | 226 | 1,562 |
| Asphalt and Road Oil | 2,795 | 514 | 3,309 | 4,351 | 962 | 798 | 6,111 |
| Still Gas | 1,876 | 99 | 1,975 | 3,084 | 383 | 902 | 4,369 |
| Miscellaneous Products | 34 | 27 | 61 | 248 | 51 | 56 | 355 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 34 | 27 | 61 | 248 | 51 | 56 | 355 |
| Total | 63,526 | 3,009 | 66,535 | 79,732 | 12,897 | 23,592 | 116,221 |
| Processing Gain(-) or Loss(+) ^a | -2,145 | -37 | -2,182 | -3,831 | -481 | -618 | -4,930 |

See footnotes at end of table.

**Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts,
May 1999 (Continued)**
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 1,101 | 9,183 | 5,664 | 124 | 112 | 16,184 | 324 | 2,155 | 26,243 |
| Ethane/Ethylene | 30 | 731 | 138 | 0 | 0 | 899 | 0 | 0 | 899 |
| Ethane | W | W | W | W | W | W | W | W | 732 |
| Ethylene | W | W | W | W | W | W | W | W | 167 |
| Propane/Propylene | 721 | 5,541 | 4,259 | 97 | 66 | 10,684 | 280 | 1,274 | 17,738 |
| Propane | W | 2,563 | 2,511 | W | W | 5,675 | W | W | 11,410 |
| Propylene | W | 2,978 | 1,748 | W | W | 5,009 | W | W | 6,328 |
| Normal Butane/Butylene | 383 | 2,595 | 1,128 | 30 | 46 | 4,182 | 121 | 750 | 7,064 |
| Normal Butane | W | W | W | W | W | W | W | W | 7,236 |
| Butylene | W | W | W | W | W | W | W | W | -172 |
| Isobutane/Isobutylene | -33 | 316 | 139 | -3 | 0 | 419 | -77 | 131 | 542 |
| Isobutane | W | W | W | W | W | W | W | W | 439 |
| Isobutylene | W | W | W | W | W | W | W | W | 103 |
| Finished Motor Gasoline | 10,418 | 56,326 | 42,456 | 1,631 | 1,514 | 112,345 | 7,786 | 40,365 | 251,440 |
| Reformulated | 915 | 17,805 | 3,576 | 0 | 0 | 22,296 | 0 | 29,440 | 81,525 |
| Oxygenated | 0 | 0 | 19 | 0 | 57 | 76 | 84 | 618 | 2,165 |
| Other | 9,503 | 38,521 | 38,861 | 1,631 | 1,457 | 89,973 | 7,702 | 10,307 | 167,750 |
| Finished Aviation Gasoline | 103 | 149 | 171 | 0 | 0 | 423 | 14 | 3 | 552 |
| Jet Fuel | 1,645 | 11,418 | 12,391 | 244 | 219 | 25,917 | 768 | 10,817 | 47,902 |
| Naphtha-Type | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 19 | 20 |
| Kerosene-Type | 1,644 | 11,418 | 12,391 | 244 | 219 | 25,916 | 768 | 10,798 | 47,882 |
| Commercial | 1,310 | 9,667 | 11,880 | 184 | 0 | 23,041 | 618 | 9,591 | 43,273 |
| Military | 334 | 1,751 | 511 | 60 | 219 | 2,875 | 150 | 1,207 | 4,609 |
| Kerosene | 9 | 855 | -32 | 80 | 2 | 914 | 36 | 100 | 1,523 |
| Distillate Fuel Oil | 4,306 | 21,789 | 18,749 | 1,431 | 776 | 47,051 | 4,515 | 13,291 | 107,194 |
| 0.05 percent sulfur and under | 3,449 | 16,608 | 10,091 | 756 | 749 | 31,653 | 3,728 | 9,939 | 71,932 |
| Greater than 0.05 percent sulfur | 857 | 5,181 | 8,658 | 675 | 27 | 15,398 | 787 | 3,352 | 35,262 |
| Residual Fuel Oil | 203 | 5,120 | 4,397 | 227 | 17 | 9,964 | 389 | 7,475 | 22,483 |
| Less than 0.31 percent sulfur | 121 | 5 | 548 | 0 | 0 | 674 | 89 | 149 | 2,185 |
| 0.31 to 1.00 percent sulfur | 18 | 668 | 653 | 201 | 17 | 1,557 | 106 | 1,169 | 5,390 |
| Greater than 1.00 percent sulfur | 64 | 4,447 | 3,196 | 26 | 0 | 7,733 | 194 | 6,157 | 14,908 |
| Naphtha for Petrochemical Feedstock Use | 107 | 3,536 | 505 | 0 | -2 | 4,146 | 0 | 158 | 5,422 |
| Other Oils for Petrochemical Feedstock Use | 147 | 2,640 | 2,810 | 0 | 0 | 5,597 | 23 | 258 | 6,692 |
| Special Naphthas | 92 | 1,807 | 143 | 168 | 0 | 2,210 | 0 | 27 | 2,984 |
| Lubricants | W | 1,768 | W | W | W | 3,905 | 0 | 777 | 5,903 |
| Naphthenic | W | 251 | W | W | W | 881 | 0 | 317 | 1,198 |
| Paraffinic | W | 1,517 | W | W | W | 3,024 | 0 | 460 | 4,705 |
| Waxes | 0 | 201 | 107 | 84 | 0 | 392 | 117 | 105 | 732 |
| Petroleum Coke | 297 | 5,622 | 4,783 | 61 | 40 | 10,803 | 509 | 4,040 | 21,409 |
| Marketable | 24 | 3,530 | 3,563 | 42 | 0 | 7,159 | 285 | 3,028 | 13,942 |
| Catalyst | 273 | 2,092 | 1,220 | 19 | 40 | 3,644 | 224 | 1,012 | 7,467 |
| Asphalt and Road Oil | 596 | 1,375 | 1,348 | 1,017 | 152 | 4,488 | 1,248 | 1,868 | 17,024 |
| Still Gas | 769 | 4,865 | 3,592 | 186 | 94 | 9,506 | 628 | 4,388 | 20,866 |
| Miscellaneous Products | 56 | 473 | 586 | 0 | 0 | 1,115 | 57 | 148 | 1,736 |
| Fuel Use | 0 | 0 | 253 | 0 | 0 | 253 | 0 | -23 | 230 |
| Nonfuel Use | 56 | 473 | 333 | 0 | 0 | 862 | 57 | 171 | 1,506 |
| Total | 19,901 | 127,127 | 99,030 | 5,978 | 2,924 | 254,960 | 16,414 | 85,975 | 540,105 |
| Processing Gain(-) or Loss(+) ^a | -622 | -7,972 | -5,308 | -11 | -29 | -13,942 | -485 | -4,125 | -25,664 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 1,664 | 64 | 1,728 | 3,912 | 406 | 605 | 4,923 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,522 | 31 | 1,553 | 2,736 | 313 | 526 | 3,575 |
| Propane | W | W | W | 2,173 | W | W | W |
| Propylene | W | W | W | 563 | W | W | W |
| Normal Butane/Butylene | 321 | 38 | 359 | 1,151 | 63 | 113 | 1,327 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -179 | -5 | -184 | 25 | 30 | -34 | 21 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 31,928 | 1,078 | 33,006 | 36,673 | 7,584 | 11,795 | 56,052 |
| Reformulated | 21,048 | 0 | 21,048 | 7,356 | 1,440 | 300 | 9,096 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,434 | 0 | 1,434 |
| Other | 10,880 | 1,078 | 11,958 | 29,317 | 4,710 | 11,495 | 45,522 |
| Finished Aviation Gasoline | 46 | 0 | 46 | 57 | 63 | 54 | 174 |
| Jet Fuel | 3,716 | 62 | 3,778 | 4,739 | 929 | 1,065 | 6,733 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,716 | 62 | 3,778 | 4,739 | 929 | 1,065 | 6,733 |
| Commercial | 3,716 | 43 | 3,759 | 4,635 | 929 | 944 | 6,508 |
| Military | 0 | 19 | 19 | 104 | 0 | 121 | 225 |
| Kerosene | 275 | 58 | 333 | 98 | -1 | 30 | 127 |
| Distillate Fuel Oil | 12,612 | 685 | 13,297 | 15,535 | 3,350 | 6,444 | 25,329 |
| 0.05 percent sulfur and under | 6,171 | 547 | 6,718 | 11,264 | 2,283 | 4,928 | 18,475 |
| Greater than 0.05 percent sulfur | 6,441 | 138 | 6,579 | 4,271 | 1,067 | 1,516 | 6,854 |
| Residual Fuel Oil | 2,977 | 52 | 3,029 | 1,279 | 264 | 61 | 1,604 |
| Less than 0.31 percent sulfur | 1,361 | 36 | 1,397 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,230 | 16 | 2,246 | 332 | 0 | -4 | 328 |
| Greater than 1.00 percent sulfur | -614 | 0 | -614 | 947 | 264 | 65 | 1,276 |
| Naphtha for Petrochemical Feedstock Use | 412 | 0 | 412 | 553 | 0 | 0 | 553 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 754 | 0 | 53 | 807 |
| Special Naphthas | 39 | 25 | 64 | 568 | 0 | 72 | 640 |
| Lubricants | 371 | 239 | 610 | 373 | 0 | 227 | 600 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 371 | 239 | 610 | 373 | 0 | 227 | 600 |
| Waxes | 0 | -1 | -1 | 63 | 0 | 29 | 92 |
| Petroleum Coke | 1,525 | 30 | 1,555 | 2,784 | 742 | 863 | 4,389 |
| Marketable | 546 | 0 | 546 | 1,716 | 436 | 643 | 2,795 |
| Catalyst | 979 | 30 | 1,009 | 1,068 | 306 | 220 | 1,594 |
| Asphalt and Road Oil | 2,786 | 487 | 3,273 | 4,500 | 1,189 | 812 | 6,501 |
| Still Gas | 1,954 | 81 | 2,035 | 2,911 | 515 | 930 | 4,356 |
| Miscellaneous Products | 33 | 26 | 59 | 242 | 67 | 43 | 352 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 33 | 26 | 59 | 242 | 67 | 43 | 352 |
| Total | 60,338 | 2,886 | 63,224 | 75,041 | 15,108 | 23,083 | 113,232 |
| Processing Gain(-) or Loss(+) ^a | -2,153 | -38 | -2,191 | -3,664 | -750 | -706 | -5,120 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 988 | 9,422 | 5,447 | 99 | 76 | 16,032 | 293 | 2,054 | 25,030 |
| Ethane/Ethylene | 23 | 676 | 124 | 0 | 0 | 823 | 0 | 0 | 823 |
| Ethane | W | W | W | W | W | W | W | W | 649 |
| Ethylene | W | W | W | W | W | W | W | W | 174 |
| Propane/Propylene | 683 | 5,711 | 4,104 | 88 | 48 | 10,634 | 286 | 1,155 | 17,203 |
| Propane | W | 2,693 | 2,640 | W | W | 5,900 | W | W | 11,235 |
| Propylene | W | 3,018 | 1,464 | W | W | 4,734 | W | W | 5,968 |
| Normal Butane/Butylene | 382 | 2,712 | 1,023 | 8 | 28 | 4,153 | 73 | 702 | 6,614 |
| Normal Butane | W | W | W | W | W | W | W | W | 6,538 |
| Butylene | W | W | W | W | W | W | W | W | 76 |
| Isobutane/Isobutylene | -100 | 323 | 196 | 3 | 0 | 422 | -66 | 197 | 390 |
| Isobutane | W | W | W | W | W | W | W | W | 297 |
| Isobutylene | W | W | W | W | W | W | W | W | 93 |
| Finished Motor Gasoline | 9,397 | 54,511 | 41,579 | 1,572 | 1,739 | 108,798 | 8,190 | 37,806 | 243,852 |
| Reformulated | 688 | 17,456 | 3,378 | 0 | 0 | 21,522 | 0 | 27,985 | 79,651 |
| Oxygenated | 0 | 0 | 19 | 0 | 39 | 58 | 77 | 691 | 2,260 |
| Other | 8,709 | 37,055 | 38,182 | 1,572 | 1,700 | 87,218 | 8,113 | 9,130 | 161,941 |
| Finished Aviation Gasoline | 130 | 222 | 141 | 0 | 0 | 493 | 19 | 3 | 735 |
| Jet Fuel | 1,543 | 10,511 | 11,504 | 210 | 209 | 23,977 | 729 | 11,040 | 46,257 |
| Naphtha-Type | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 25 | 26 |
| Kerosene-Type | 1,542 | 10,511 | 11,504 | 210 | 209 | 23,976 | 729 | 11,015 | 46,231 |
| Commercial | 1,262 | 8,375 | 11,333 | 181 | 0 | 21,151 | 594 | 10,212 | 42,224 |
| Military | 280 | 2,136 | 171 | 29 | 209 | 2,825 | 135 | 803 | 4,007 |
| Kerosene | -16 | 817 | 241 | 70 | 8 | 1,120 | 49 | 110 | 1,739 |
| Distillate Fuel Oil | 4,074 | 20,430 | 19,184 | 1,354 | 743 | 45,785 | 4,342 | 12,457 | 101,210 |
| 0.05 percent sulfur and under | 3,063 | 16,526 | 9,618 | 663 | 722 | 30,592 | 3,618 | 9,905 | 69,308 |
| Greater than 0.05 percent sulfur | 1,011 | 3,904 | 9,566 | 691 | 21 | 15,193 | 724 | 2,552 | 31,902 |
| Residual Fuel Oil | 202 | 5,965 | 3,154 | 126 | 16 | 9,463 | 396 | 6,681 | 21,173 |
| Less than 0.31 percent sulfur | 126 | 4 | 383 | 0 | 0 | 513 | 92 | 131 | 2,133 |
| 0.31 to 1.00 percent sulfur | 3 | 621 | 595 | 100 | 16 | 1,335 | 100 | 1,090 | 5,099 |
| Greater than 1.00 percent sulfur | 73 | 5,340 | 2,176 | 26 | 0 | 7,615 | 204 | 5,460 | 13,941 |
| Naphtha for Petrochemical Feedstock Use | 96 | 2,939 | 889 | 0 | -11 | 3,913 | 0 | 102 | 4,980 |
| Other Oils for Petrochemical Feedstock Use | 127 | 3,118 | 2,591 | 0 | 0 | 5,836 | 25 | 286 | 6,954 |
| Special Naphthas | 83 | 1,652 | 132 | 178 | 0 | 2,045 | 0 | 127 | 2,876 |
| Lubricants | W | 1,821 | W | W | W | 3,983 | 0 | 712 | 5,905 |
| Naphthenic | W | 224 | W | W | W | 870 | 0 | 326 | 1,196 |
| Paraffinic | W | 1,597 | W | W | W | 3,113 | 0 | 386 | 4,709 |
| Waxes | 0 | 172 | 139 | 26 | 0 | 337 | 117 | -31 | 514 |
| Petroleum Coke | 282 | 5,424 | 4,473 | 52 | 45 | 10,276 | 534 | 4,193 | 20,947 |
| Marketable | 27 | 3,435 | 3,317 | 34 | 0 | 6,813 | 306 | 3,271 | 13,731 |
| Catalyst | 255 | 1,989 | 1,156 | 18 | 45 | 3,463 | 228 | 922 | 7,216 |
| Asphalt and Road Oil | 575 | 1,129 | 1,427 | 1,099 | 139 | 4,369 | 1,565 | 1,982 | 17,690 |
| Still Gas | 753 | 4,959 | 3,648 | 160 | 97 | 9,617 | 696 | 4,027 | 20,731 |
| Miscellaneous Products | 58 | 395 | 427 | 0 | 0 | 880 | 57 | 173 | 1,521 |
| Fuel Use | 0 | 0 | 117 | 0 | 0 | 117 | 0 | -7 | 110 |
| Nonfuel Use | 58 | 395 | 310 | 0 | 0 | 763 | 57 | 180 | 1,411 |
| Total | 18,325 | 123,487 | 96,317 | 5,734 | 3,061 | 246,924 | 17,012 | 81,722 | 522,114 |
| Processing Gain(-) or Loss(+) ^a | -439 | -8,023 | -5,147 | -9 | -15 | -13,633 | -584 | -4,905 | -26,433 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 1,823 | 62 | 1,885 | 3,977 | 412 | 786 | 5,175 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,417 | 34 | 1,451 | 2,803 | 329 | 631 | 3,763 |
| Propane | W | W | W | 2,253 | W | W | W |
| Propylene | W | W | W | 550 | W | W | W |
| Normal Butane/Butylene | 395 | 40 | 435 | 1,066 | 83 | 195 | 1,344 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | 11 | -12 | -1 | 108 | 0 | -40 | 68 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 30,559 | 1,106 | 31,665 | 38,203 | 8,025 | 12,215 | 58,443 |
| Reformulated | 20,041 | 0 | 20,041 | 7,418 | 1,546 | 311 | 9,275 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,464 | 0 | 1,464 |
| Other | 10,518 | 1,106 | 11,624 | 30,785 | 5,015 | 11,904 | 47,704 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 77 | 53 | 39 | 169 |
| Jet Fuel | 3,607 | 75 | 3,682 | 4,823 | 1,125 | 1,016 | 6,964 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,607 | 75 | 3,682 | 4,823 | 1,125 | 1,016 | 6,964 |
| Commercial | 3,607 | 53 | 3,660 | 4,606 | 1,055 | 886 | 6,547 |
| Military | 0 | 22 | 22 | 217 | 70 | 130 | 417 |
| Kerosene | 125 | 53 | 178 | 135 | 10 | -45 | 100 |
| Distillate Fuel Oil | 12,855 | 737 | 13,592 | 15,631 | 3,036 | 7,261 | 25,928 |
| 0.05 percent sulfur and under | 6,860 | 644 | 7,504 | 11,274 | 1,859 | 5,577 | 18,710 |
| Greater than 0.05 percent sulfur | 5,995 | 93 | 6,088 | 4,357 | 1,177 | 1,684 | 7,218 |
| Residual Fuel Oil | 2,985 | 49 | 3,034 | 1,354 | 248 | 74 | 1,676 |
| Less than 0.31 percent sulfur | 1,275 | 37 | 1,312 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,370 | 12 | 2,382 | 338 | 0 | 0 | 338 |
| Greater than 1.00 percent sulfur | -660 | 0 | -660 | 1,016 | 248 | 74 | 1,338 |
| Naphtha for Petrochemical Feedstock Use | 371 | 0 | 371 | 562 | 0 | 0 | 562 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 774 | 0 | 53 | 827 |
| Special Naphthas | 47 | 34 | 81 | 685 | 0 | 84 | 769 |
| Lubricants | 259 | 226 | 485 | 422 | 0 | 224 | 646 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 259 | 226 | 485 | 422 | 0 | 224 | 646 |
| Waxes | 0 | 2 | 2 | 60 | 0 | 36 | 96 |
| Petroleum Coke | 1,470 | 32 | 1,502 | 2,874 | 654 | 829 | 4,357 |
| Marketable | 493 | 0 | 493 | 1,770 | 349 | 633 | 2,752 |
| Catalyst | 977 | 32 | 1,009 | 1,104 | 305 | 196 | 1,605 |
| Asphalt and Road Oil | 3,114 | 539 | 3,653 | 4,918 | 1,690 | 768 | 7,376 |
| Still Gas | 1,992 | 84 | 2,076 | 2,986 | 527 | 986 | 4,499 |
| Miscellaneous Products | 31 | 47 | 78 | 237 | 71 | 55 | 363 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 31 | 47 | 78 | 237 | 71 | 55 | 363 |
| Total | 59,238 | 3,046 | 62,284 | 77,718 | 15,851 | 24,381 | 117,950 |
| Processing Gain(-) or Loss(+) ^a | -1,977 | -36 | -2,013 | -3,766 | -974 | -703 | -5,443 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 1,153 | 9,602 | 5,225 | 105 | 96 | 16,181 | 297 | 2,728 | 26,266 |
| Ethane/Ethylene | 23 | 815 | 120 | 0 | 0 | 958 | 0 | 0 | 958 |
| Ethane | W | W | W | W | W | W | W | W | 779 |
| Ethylene | W | W | W | W | W | W | W | W | 179 |
| Propane/Propylene | 633 | 5,813 | 4,150 | 88 | 54 | 10,738 | 272 | 1,360 | 17,584 |
| Propane | W | 2,688 | 2,835 | W | W | 6,048 | W | W | 11,628 |
| Propylene | W | 3,125 | 1,315 | W | W | 4,690 | W | W | 5,956 |
| Normal Butane/Butylene | 530 | 2,660 | 827 | 27 | 42 | 4,086 | 71 | 1,000 | 6,936 |
| Normal Butane | W | W | W | W | W | W | W | W | 6,776 |
| Butylene | W | W | W | W | W | W | W | W | 160 |
| Isobutane/Isobutylene | -33 | 314 | 128 | -10 | 0 | 399 | -46 | 368 | 788 |
| Isobutane | W | W | W | W | W | W | W | W | 634 |
| Isobutylene | W | W | W | W | W | W | W | W | 154 |
| Finished Motor Gasoline | 9,334 | 53,640 | 42,728 | 1,620 | 1,797 | 109,119 | 8,828 | 41,328 | 249,383 |
| Reformulated | 685 | 16,125 | 3,607 | 0 | 0 | 20,417 | 0 | 30,625 | 80,358 |
| Oxygenated | 0 | 0 | 19 | 0 | 29 | 48 | 70 | 280 | 1,862 |
| Other | 8,649 | 37,515 | 39,102 | 1,620 | 1,768 | 88,654 | 8,758 | 10,423 | 167,163 |
| Finished Aviation Gasoline | 97 | 207 | 66 | 0 | 0 | 370 | 18 | 62 | 619 |
| Jet Fuel | 1,557 | 11,108 | 11,732 | 269 | 200 | 24,866 | 774 | 11,792 | 48,078 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 19 |
| Kerosene-Type | 1,557 | 11,108 | 11,732 | 269 | 200 | 24,866 | 774 | 11,773 | 48,059 |
| Commercial | 883 | 8,953 | 11,424 | 215 | 0 | 21,475 | 627 | 10,548 | 42,857 |
| Military | 674 | 2,155 | 308 | 54 | 200 | 3,391 | 147 | 1,225 | 5,202 |
| Kerosene | 10 | 823 | 193 | 59 | -4 | 1,081 | 110 | 157 | 1,626 |
| Distillate Fuel Oil | 4,269 | 23,253 | 20,124 | 1,362 | 780 | 49,788 | 4,551 | 15,287 | 109,146 |
| 0.05 percent sulfur and under | 3,317 | 18,689 | 10,478 | 709 | 775 | 33,968 | 3,860 | 10,965 | 75,007 |
| Greater than 0.05 percent sulfur | 952 | 4,564 | 9,646 | 653 | 5 | 15,820 | 691 | 4,322 | 34,139 |
| Residual Fuel Oil | 252 | 6,749 | 3,127 | 244 | 20 | 10,392 | 337 | 7,382 | 22,821 |
| Less than 0.31 percent sulfur | 135 | 3 | 394 | 0 | 0 | 532 | 77 | 158 | 2,079 |
| 0.31 to 1.00 percent sulfur | 35 | 660 | 633 | 220 | 20 | 1,568 | 42 | 2,228 | 6,558 |
| Greater than 1.00 percent sulfur | 82 | 6,086 | 2,100 | 24 | 0 | 8,292 | 218 | 4,996 | 14,184 |
| Naphtha for Petrochemical Feedstock Use | 117 | 3,659 | 912 | 0 | -5 | 4,683 | 0 | 128 | 5,744 |
| Other Oils for Petrochemical Feedstock Use | 116 | 3,193 | 2,782 | 0 | 0 | 6,091 | 25 | 273 | 7,216 |
| Special Naphthas | 99 | 1,856 | 170 | 187 | 0 | 2,312 | 0 | 46 | 3,208 |
| Lubricants | W | 1,562 | W | W | W | 3,672 | 0 | 812 | 5,615 |
| Naphthenic | W | 146 | W | W | W | 817 | 0 | 320 | 1,137 |
| Paraffinic | W | 1,416 | W | W | W | 2,855 | 0 | 492 | 4,478 |
| Waxes | 0 | 211 | 118 | 16 | 0 | 345 | 132 | 76 | 651 |
| Petroleum Coke | 276 | 5,453 | 5,001 | 67 | 49 | 10,846 | 529 | 4,543 | 21,777 |
| Marketable | 23 | 3,324 | 3,796 | 46 | 0 | 7,189 | 291 | 3,630 | 14,355 |
| Catalyst | 253 | 2,129 | 1,205 | 21 | 49 | 3,657 | 238 | 913 | 7,422 |
| Asphalt and Road Oil | 605 | 1,007 | 1,466 | 1,132 | 164 | 4,374 | 1,569 | 2,368 | 19,340 |
| Still Gas | 749 | 5,326 | 3,891 | 188 | 94 | 10,248 | 707 | 4,368 | 21,898 |
| Miscellaneous Products | 29 | 408 | 449 | 0 | 0 | 886 | 55 | 172 | 1,554 |
| Fuel Use | 0 | 0 | 102 | 0 | 0 | 102 | 0 | -5 | 97 |
| Nonfuel Use | 29 | 408 | 347 | 0 | 0 | 784 | 55 | 177 | 1,457 |
| Total | 18,712 | 128,057 | 99,384 | 5,910 | 3,191 | 255,254 | 17,932 | 91,522 | 544,942 |
| Processing Gain(-) or Loss(+) ^a | -668 | -8,125 | -5,558 | -27 | -1 | -14,379 | -645 | -4,486 | -26,966 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | Total |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | |
| Liquefied Refinery Gases | 1,718 | 80 | 1,798 | 4,212 | 459 | 670 | 5,341 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,472 | 43 | 1,515 | 2,942 | 328 | 607 | 3,877 |
| Propane | W | W | W | 2,306 | W | W | W |
| Propylene | W | W | W | 636 | W | W | W |
| Normal Butane/Butylene | 447 | 43 | 490 | 1,146 | 125 | 133 | 1,404 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -201 | -6 | -207 | 124 | 6 | -70 | 60 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 31,669 | 1,079 | 32,748 | 37,744 | 7,763 | 12,020 | 57,527 |
| Reformulated | 20,983 | 0 | 20,983 | 7,377 | 1,511 | 309 | 9,197 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,503 | 44 | 1,547 |
| Other | 10,686 | 1,079 | 11,765 | 30,367 | 4,749 | 11,667 | 46,783 |
| Finished Aviation Gasoline | -10 | 0 | -10 | 80 | 46 | 71 | 197 |
| Jet Fuel | 3,751 | 69 | 3,820 | 4,886 | 1,069 | 1,188 | 7,143 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,751 | 69 | 3,820 | 4,886 | 1,069 | 1,188 | 7,143 |
| Commercial | 3,751 | 48 | 3,799 | 4,774 | 999 | 1,063 | 6,836 |
| Military | 0 | 21 | 21 | 112 | 70 | 125 | 307 |
| Kerosene | 433 | 58 | 491 | 286 | -9 | 3 | 280 |
| Distillate Fuel Oil | 12,909 | 757 | 13,666 | 14,988 | 3,038 | 7,015 | 25,041 |
| 0.05 percent sulfur and under | 6,731 | 658 | 7,389 | 10,985 | 1,935 | 5,361 | 18,281 |
| Greater than 0.05 percent sulfur | 6,178 | 99 | 6,277 | 4,003 | 1,103 | 1,654 | 6,760 |
| Residual Fuel Oil | 3,248 | 18 | 3,266 | 1,450 | 233 | 79 | 1,762 |
| Less than 0.31 percent sulfur | 1,545 | 4 | 1,549 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,436 | 14 | 2,450 | 349 | 0 | 0 | 349 |
| Greater than 1.00 percent sulfur | -733 | 0 | -733 | 1,101 | 233 | 79 | 1,413 |
| Naphtha for Petrochemical Feedstock Use | 373 | 0 | 373 | 795 | 0 | 0 | 795 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 705 | 0 | 52 | 757 |
| Special Naphthas | 34 | 25 | 59 | 775 | 0 | 91 | 866 |
| Lubricants | 329 | 205 | 534 | 387 | 0 | 261 | 648 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 329 | 205 | 534 | 387 | 0 | 261 | 648 |
| Waxes | 0 | 0 | 0 | 61 | 0 | 55 | 116 |
| Petroleum Coke | 1,369 | 34 | 1,403 | 2,905 | 724 | 831 | 4,460 |
| Marketable | 407 | 0 | 407 | 1,784 | 413 | 617 | 2,814 |
| Catalyst | 962 | 34 | 996 | 1,121 | 311 | 214 | 1,646 |
| Asphalt and Road Oil | 3,352 | 508 | 3,860 | 4,846 | 1,612 | 687 | 7,145 |
| Still Gas | 2,036 | 90 | 2,126 | 2,917 | 461 | 952 | 4,330 |
| Miscellaneous Products | 30 | 46 | 76 | 246 | 69 | 51 | 366 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 30 | 46 | 76 | 246 | 69 | 51 | 366 |
| Total | 61,241 | 2,969 | 64,210 | 77,283 | 15,465 | 24,026 | 116,774 |
| Processing Gain(-) or Loss(+) ^a | -2,020 | -22 | -2,042 | -4,040 | -924 | -776 | -5,740 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. IV | PAD Dist. V | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | Rocky Mt. | West Coast | |
| | | | | | | | | | |
| Liquefied Refinery Gases | 809 | 9,617 | 5,494 | 117 | 104 | 16,141 | 306 | 2,671 | 26,257 |
| Ethane/Ethylene | 10 | 459 | 114 | 0 | 0 | 583 | 0 | 0 | 583 |
| Ethane | W | W | W | W | W | W | W | W | 405 |
| Ethylene | W | W | W | W | W | W | W | W | 178 |
| Propane/Propylene | 656 | 6,149 | 4,065 | 91 | 57 | 11,018 | 274 | 1,421 | 18,105 |
| Propane | W | 2,770 | 2,594 | W | W | 5,902 | W | W | 11,698 |
| Propylene | W | 3,379 | 1,471 | W | W | 5,116 | W | W | 6,407 |
| Normal Butane/Butylene | 288 | 2,746 | 1,233 | 23 | 47 | 4,337 | 100 | 1,260 | 7,591 |
| Normal Butane | W | W | W | W | W | W | W | W | 7,444 |
| Butylene | W | W | W | W | W | W | W | W | 147 |
| Isobutane/Isobutylene | -145 | 263 | 82 | 3 | 0 | 203 | -68 | -10 | -22 |
| Isobutane | W | W | W | W | W | W | W | W | -155 |
| Isobutylene | W | W | W | W | W | W | W | W | 133 |
| Finished Motor Gasoline | 9,807 | 52,700 | 41,464 | 1,632 | 1,807 | 107,410 | 8,625 | 41,719 | 248,029 |
| Reformulated | 666 | 16,522 | 3,795 | 0 | 0 | 20,983 | 0 | 30,429 | 81,592 |
| Oxygenated | 0 | 0 | 19 | 0 | 28 | 47 | 83 | 398 | 2,075 |
| Other | 9,141 | 36,178 | 37,650 | 1,632 | 1,779 | 86,380 | 8,542 | 10,892 | 164,362 |
| Finished Aviation Gasoline | 127 | 196 | 220 | 0 | 0 | 543 | 23 | 7 | 760 |
| Jet Fuel | 1,691 | 11,494 | 11,795 | 276 | 214 | 25,470 | 961 | 11,446 | 48,840 |
| Naphtha-Type | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Kerosene-Type | 1,690 | 11,494 | 11,795 | 276 | 214 | 25,469 | 961 | 11,446 | 48,839 |
| Commercial | 1,352 | 9,823 | 11,174 | 226 | 0 | 22,575 | 803 | 10,327 | 44,340 |
| Military | 338 | 1,671 | 621 | 50 | 214 | 2,894 | 158 | 1,119 | 4,499 |
| Kerosene | 0 | 790 | 186 | 38 | 1 | 1,015 | 21 | 134 | 1,941 |
| Distillate Fuel Oil | 4,455 | 21,662 | 19,405 | 1,392 | 737 | 47,651 | 4,874 | 14,771 | 106,003 |
| 0.05 percent sulfur and under | 3,422 | 16,292 | 9,965 | 648 | 716 | 31,043 | 4,022 | 11,289 | 72,024 |
| Greater than 0.05 percent sulfur | 1,033 | 5,370 | 9,440 | 744 | 21 | 16,608 | 852 | 3,482 | 33,979 |
| Residual Fuel Oil | 221 | 5,969 | 3,391 | 242 | 21 | 9,844 | 337 | 6,528 | 21,737 |
| Less than 0.31 percent sulfur | 132 | 2 | 569 | 0 | 0 | 703 | 55 | 85 | 2,392 |
| 0.31 to 1.00 percent sulfur | 12 | 641 | 605 | 214 | 21 | 1,493 | 84 | 1,937 | 6,313 |
| Greater than 1.00 percent sulfur | 77 | 5,326 | 2,217 | 28 | 0 | 7,648 | 198 | 4,506 | 13,032 |
| Naphtha for Petrochemical Feedstock Use | 130 | 3,105 | 858 | 0 | -5 | 4,088 | 0 | 154 | 5,410 |
| Other Oils for Petrochemical Feedstock Use | 151 | 3,276 | 2,719 | 0 | 0 | 6,146 | 24 | 132 | 7,059 |
| Special Naphthas | 70 | 1,580 | 129 | 179 | 0 | 1,958 | 0 | 59 | 2,942 |
| Lubricants | W | 1,913 | W | W | W | 4,197 | 0 | 899 | 6,278 |
| Naphthenic | W | 361 | W | W | W | 1,066 | 0 | 381 | 1,447 |
| Paraffinic | W | 1,552 | W | W | W | 3,131 | 0 | 518 | 4,831 |
| Waxes | 0 | 214 | 103 | 15 | 0 | 332 | 125 | 36 | 609 |
| Petroleum Coke | 276 | 5,903 | 4,831 | 53 | 44 | 11,107 | 525 | 4,685 | 22,180 |
| Marketable | 18 | 3,770 | 3,646 | 32 | 0 | 7,466 | 297 | 3,559 | 14,543 |
| Catalyst | 258 | 2,133 | 1,185 | 21 | 44 | 3,641 | 228 | 1,126 | 7,637 |
| Asphalt and Road Oil | 591 | 1,292 | 1,517 | 1,099 | 155 | 4,654 | 1,604 | 2,377 | 19,640 |
| Still Gas | 761 | 4,908 | 4,057 | 180 | 85 | 9,991 | 692 | 4,526 | 21,665 |
| Miscellaneous Products | 49 | 468 | 650 | 0 | 0 | 1,167 | 63 | 138 | 1,810 |
| Fuel Use | 0 | 0 | 285 | 0 | 0 | 285 | 0 | -43 | 242 |
| Nonfuel Use | 49 | 468 | 365 | 0 | 0 | 882 | 63 | 181 | 1,568 |
| Total | 19,184 | 125,087 | 98,244 | 6,036 | 3,163 | 251,714 | 18,180 | 90,282 | 541,160 |
| Processing Gain(-) or Loss(+) ^a | -571 | -8,653 | -5,778 | -62 | -5 | -15,069 | -532 | -4,403 | -27,786 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 886 | 29 | 915 | 2,781 | 230 | 617 | 3,628 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,471 | 39 | 1,510 | 2,635 | 269 | 668 | 3,572 |
| Propane | W | W | W | 2,019 | W | W | W |
| Propylene | W | W | W | 616 | W | W | W |
| Normal Butane/Butylene | -412 | -7 | -419 | 167 | -42 | 41 | 166 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -173 | -3 | -176 | -21 | 3 | -92 | -110 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 27,763 | 1,114 | 28,877 | 36,061 | 6,444 | 12,207 | 54,712 |
| Reformulated | 18,606 | 0 | 18,606 | 6,892 | 1,406 | 304 | 8,602 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,417 | 6 | 1,423 |
| Other | 9,157 | 1,114 | 10,271 | 29,169 | 3,621 | 11,897 | 44,687 |
| Finished Aviation Gasoline | 49 | 0 | 49 | 49 | 43 | 67 | 159 |
| Jet Fuel | 3,492 | 59 | 3,551 | 4,715 | 944 | 1,092 | 6,751 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,492 | 59 | 3,551 | 4,715 | 944 | 1,092 | 6,751 |
| Commercial | 3,492 | 42 | 3,534 | 4,657 | 874 | 969 | 6,500 |
| Military | 0 | 17 | 17 | 58 | 70 | 123 | 251 |
| Kerosene | 269 | 49 | 318 | 561 | 31 | 60 | 652 |
| Distillate Fuel Oil | 11,675 | 748 | 12,423 | 15,693 | 1,894 | 7,213 | 24,800 |
| 0.05 percent sulfur and under | 6,611 | 638 | 7,249 | 11,990 | 1,000 | 5,564 | 18,554 |
| Greater than 0.05 percent sulfur | 5,064 | 110 | 5,174 | 3,703 | 894 | 1,649 | 6,246 |
| Residual Fuel Oil | 3,115 | 24 | 3,139 | 1,657 | 277 | 120 | 2,054 |
| Less than 0.31 percent sulfur | 949 | 13 | 962 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,375 | 11 | 2,386 | 384 | 0 | 0 | 384 |
| Greater than 1.00 percent sulfur | -209 | 0 | -209 | 1,273 | 277 | 120 | 1,670 |
| Naphtha for Petrochemical Feedstock Use | 416 | 0 | 416 | 723 | 0 | 0 | 723 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 647 | 0 | 44 | 691 |
| Special Naphthas | 9 | 17 | 26 | 722 | 0 | 73 | 795 |
| Lubricants | 308 | 206 | 514 | 173 | 0 | 256 | 429 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 308 | 206 | 514 | 173 | 0 | 256 | 429 |
| Waxes | 0 | 3 | 3 | 31 | 0 | 38 | 69 |
| Petroleum Coke | 1,425 | 33 | 1,458 | 2,464 | 598 | 842 | 3,904 |
| Marketable | 527 | 0 | 527 | 1,406 | 304 | 633 | 2,343 |
| Catalyst | 898 | 33 | 931 | 1,058 | 294 | 209 | 1,561 |
| Asphalt and Road Oil | 2,469 | 512 | 2,981 | 4,343 | 1,209 | 598 | 6,150 |
| Still Gas | 1,723 | 74 | 1,797 | 2,708 | 349 | 966 | 4,023 |
| Miscellaneous Products | 25 | 37 | 62 | 205 | 45 | 50 | 300 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 25 | 37 | 62 | 205 | 45 | 50 | 300 |
| Total | 53,624 | 2,905 | 56,529 | 73,533 | 12,064 | 24,243 | 109,840 |
| Processing Gain(-) or Loss(+) ^a | -2,045 | -49 | -2,094 | -3,741 | -827 | -948 | -5,516 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 1,014 | 8,625 | 4,690 | 61 | 109 | 14,499 | 212 | 2,626 | 21,880 |
| Ethane/Ethylene | 8 | 806 | 68 | 0 | 0 | 882 | 0 | 0 | 882 |
| Ethane | W | W | W | W | W | W | W | W | 695 |
| Ethylene | W | W | W | W | W | W | W | W | 187 |
| Propane/Propylene | 705 | 6,094 | 3,971 | 93 | 56 | 10,919 | 262 | 1,457 | 17,720 |
| Propane | W | 2,730 | 2,624 | W | W | 5,929 | W | W | 11,341 |
| Propylene | W | 3,364 | 1,347 | W | W | 4,990 | W | W | 6,379 |
| Normal Butane/Butylene | 345 | 1,394 | 613 | -28 | 53 | 2,377 | -17 | 957 | 3,064 |
| Normal Butane | W | W | W | W | W | W | W | W | 3,127 |
| Butylene | W | W | W | W | W | W | W | W | -63 |
| Isobutane/Isobutylene | -44 | 331 | 38 | -4 | 0 | 321 | -33 | 212 | 214 |
| Isobutane | W | W | W | W | W | W | W | W | 88 |
| Isobutylene | W | W | W | W | W | W | W | W | 126 |
| Finished Motor Gasoline | 9,425 | 55,586 | 40,863 | 1,641 | 1,552 | 109,067 | 7,760 | 40,482 | 240,898 |
| Reformulated | 71 | 17,300 | 3,934 | 0 | 0 | 21,305 | 0 | 28,949 | 77,462 |
| Oxygenated | 0 | 0 | 20 | 0 | 26 | 46 | 141 | 929 | 2,539 |
| Other | 9,354 | 38,286 | 36,909 | 1,641 | 1,526 | 87,716 | 7,619 | 10,604 | 160,897 |
| Finished Aviation Gasoline | 170 | 192 | 54 | 0 | 0 | 416 | 19 | 158 | 801 |
| Jet Fuel | 1,659 | 11,037 | 11,822 | 268 | 180 | 24,966 | 833 | 11,901 | 48,002 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 1,659 | 11,037 | 11,822 | 268 | 180 | 24,966 | 833 | 11,901 | 48,002 |
| Commercial | 1,276 | 9,308 | 11,369 | 227 | 0 | 22,180 | 647 | 10,862 | 43,723 |
| Military | 383 | 1,729 | 453 | 41 | 180 | 2,786 | 186 | 1,039 | 4,279 |
| Kerosene | 13 | 583 | 233 | 12 | -2 | 839 | 44 | 99 | 1,952 |
| Distillate Fuel Oil | 4,326 | 22,808 | 19,003 | 1,302 | 699 | 48,138 | 4,680 | 14,409 | 104,450 |
| 0.05 percent sulfur and under | 3,381 | 18,195 | 10,589 | 594 | 697 | 33,456 | 3,883 | 11,064 | 74,206 |
| Greater than 0.05 percent sulfur | 945 | 4,613 | 8,414 | 708 | 2 | 14,682 | 797 | 3,345 | 30,244 |
| Residual Fuel Oil | 168 | 6,203 | 3,459 | 151 | 16 | 9,997 | 354 | 5,525 | 21,069 |
| Less than 0.31 percent sulfur | 115 | 1 | 623 | 0 | 0 | 739 | 82 | 137 | 1,920 |
| 0.31 to 1.00 percent sulfur | 0 | 728 | 385 | 125 | 16 | 1,254 | 56 | 2,018 | 6,098 |
| Greater than 1.00 percent sulfur | 53 | 5,474 | 2,451 | 26 | 0 | 8,004 | 216 | 3,370 | 13,051 |
| Naphtha for Petrochemical Feedstock Use | 139 | 3,168 | 954 | 0 | 2 | 4,263 | 0 | 161 | 5,563 |
| Other Oils for Petrochemical Feedstock Use | 141 | 3,184 | 2,533 | 0 | 0 | 5,858 | 23 | 181 | 6,753 |
| Special Naphthas | 89 | 1,824 | 313 | 167 | 0 | 2,393 | 0 | 29 | 3,243 |
| Lubricants | W | 1,887 | W | W | W | 4,043 | 0 | 815 | 5,801 |
| Naphthenic | W | 229 | W | W | W | 843 | 0 | 342 | 1,185 |
| Paraffinic | W | 1,658 | W | W | W | 3,200 | 0 | 473 | 4,616 |
| Waxes | 0 | 186 | 125 | 25 | 0 | 336 | 114 | -62 | 460 |
| Petroleum Coke | 282 | 5,626 | 4,777 | 30 | 38 | 10,753 | 511 | 4,624 | 21,250 |
| Marketable | 32 | 3,502 | 3,651 | 10 | 0 | 7,195 | 306 | 3,501 | 13,872 |
| Catalyst | 250 | 2,124 | 1,126 | 20 | 38 | 3,558 | 205 | 1,123 | 7,378 |
| Asphalt and Road Oil | 551 | 900 | 900 | 1,187 | 124 | 3,662 | 1,573 | 1,742 | 16,108 |
| Still Gas | 727 | 4,823 | 3,579 | 166 | 79 | 9,374 | 633 | 4,822 | 20,649 |
| Miscellaneous Products | 30 | 405 | 594 | 0 | 0 | 1,029 | 59 | 178 | 1,628 |
| Fuel Use | 0 | 0 | 263 | 0 | 0 | 263 | 0 | -5 | 258 |
| Nonfuel Use | 30 | 405 | 331 | 0 | 0 | 766 | 59 | 183 | 1,370 |
| Total | 18,784 | 127,037 | 95,275 | 5,740 | 2,797 | 249,633 | 16,815 | 87,690 | 520,507 |
| Processing Gain(-) or Loss(+) ^a | -634 | -8,907 | -5,661 | -64 | -17 | -15,283 | -535 | -4,352 | -27,780 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 573 | 28 | 601 | 2,150 | -49 | 644 | 2,745 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,499 | 43 | 1,542 | 2,544 | 273 | 653 | 3,470 |
| Propane | W | W | W | 2,098 | W | W | W |
| Propylene | W | W | W | 446 | W | W | W |
| Normal Butane/Butylene | -708 | -14 | -722 | -411 | -306 | -20 | -737 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -218 | -1 | -219 | 17 | -16 | 11 | 12 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 29,614 | 960 | 30,574 | 36,118 | 7,466 | 12,755 | 56,339 |
| Reformulated | 19,657 | 0 | 19,657 | 7,302 | 1,424 | 375 | 9,101 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,476 | 0 | 1,476 |
| Other | 9,957 | 960 | 10,917 | 28,816 | 4,566 | 12,380 | 45,762 |
| Finished Aviation Gasoline | 1 | 0 | 1 | 45 | 40 | 78 | 163 |
| Jet Fuel | 3,295 | 49 | 3,344 | 4,585 | 889 | 1,218 | 6,692 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,295 | 49 | 3,344 | 4,585 | 889 | 1,218 | 6,692 |
| Commercial | 3,295 | 34 | 3,329 | 4,494 | 844 | 1,108 | 6,446 |
| Military | 0 | 15 | 15 | 91 | 45 | 110 | 246 |
| Kerosene | 443 | 64 | 507 | 211 | -13 | 136 | 334 |
| Distillate Fuel Oil | 11,831 | 616 | 12,447 | 16,383 | 3,159 | 7,416 | 26,958 |
| 0.05 percent sulfur and under | 6,160 | 512 | 6,672 | 12,096 | 2,204 | 5,883 | 20,183 |
| Greater than 0.05 percent sulfur | 5,671 | 104 | 5,775 | 4,287 | 955 | 1,533 | 6,775 |
| Residual Fuel Oil | 3,485 | 52 | 3,537 | 1,124 | 221 | 129 | 1,474 |
| Less than 0.31 percent sulfur | 1,347 | 33 | 1,380 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,077 | 19 | 2,096 | 363 | 0 | 0 | 363 |
| Greater than 1.00 percent sulfur | 61 | 0 | 61 | 761 | 221 | 129 | 1,111 |
| Naphtha for Petrochemical Feedstock Use | 398 | 0 | 398 | 805 | 0 | 0 | 805 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 601 | 0 | 44 | 645 |
| Special Naphthas | 32 | 26 | 58 | 587 | 0 | 75 | 662 |
| Lubricants | 325 | 114 | 439 | 357 | 0 | 231 | 588 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 325 | 114 | 439 | 357 | 0 | 231 | 588 |
| Waxes | 0 | -7 | -7 | 53 | 0 | 55 | 108 |
| Petroleum Coke | 1,327 | 26 | 1,353 | 2,715 | 907 | 847 | 4,469 |
| Marketable | 433 | 0 | 433 | 1,719 | 604 | 639 | 2,962 |
| Catalyst | 894 | 26 | 920 | 996 | 303 | 208 | 1,507 |
| Asphalt and Road Oil | 2,476 | 488 | 2,964 | 3,765 | 1,046 | 609 | 5,420 |
| Still Gas | 1,726 | 79 | 1,805 | 2,256 | 455 | 1,056 | 3,767 |
| Miscellaneous Products | 35 | 36 | 71 | 161 | 74 | 49 | 284 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 35 | 36 | 71 | 161 | 74 | 49 | 284 |
| Total | 55,561 | 2,531 | 58,092 | 71,916 | 14,195 | 25,342 | 111,453 |
| Processing Gain(-) or Loss(+) ^a | -1,821 | -14 | -1,835 | -3,575 | -1,051 | -1,213 | -5,839 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 683 | 8,097 | 3,853 | 18 | 81 | 12,732 | 180 | 1,881 | 18,139 |
| Ethane/Ethylene | 1 | 1,013 | 12 | 0 | 0 | 1,026 | 0 | 0 | 1,026 |
| Ethane | W | W | W | W | W | W | W | W | 842 |
| Ethylene | W | W | W | W | W | W | W | W | 184 |
| Propane/Propylene | 728 | 6,649 | 3,798 | 104 | 56 | 11,335 | 269 | 1,450 | 18,066 |
| Propane | W | 2,855 | 2,470 | W | W | 5,954 | W | W | 11,344 |
| Propylene | W | 3,794 | 1,328 | W | W | 5,381 | W | W | 6,722 |
| Normal Butane/Butylene | 51 | 233 | -101 | -78 | 25 | 130 | -56 | 407 | -978 |
| Normal Butane | W | W | W | W | W | W | W | W | -789 |
| Butylene | W | W | W | W | W | W | W | W | -189 |
| Isobutane/Isobutylene | -97 | 202 | 144 | -8 | 0 | 241 | -33 | 24 | 25 |
| Isobutane | W | W | W | W | W | W | W | W | -38 |
| Isobutylene | W | W | W | W | W | W | W | W | 63 |
| Finished Motor Gasoline | 9,316 | 59,536 | 39,488 | 1,762 | 1,306 | 111,408 | 8,406 | 40,967 | 247,694 |
| Reformulated | 258 | 18,122 | 4,342 | 0 | 0 | 22,722 | 0 | 28,604 | 80,084 |
| Oxygenated | 0 | 0 | 17 | 0 | 29 | 46 | 647 | 1,981 | 4,150 |
| Other | 9,058 | 41,414 | 35,129 | 1,762 | 1,277 | 88,640 | 7,759 | 10,382 | 163,460 |
| Finished Aviation Gasoline | 195 | 202 | 31 | 0 | 0 | 428 | 16 | 60 | 668 |
| Jet Fuel | 1,508 | 10,919 | 11,086 | 263 | 176 | 23,952 | 767 | 11,766 | 46,521 |
| Naphtha-Type | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 24 | 28 |
| Kerosene-Type | 1,504 | 10,919 | 11,086 | 263 | 176 | 23,948 | 767 | 11,742 | 46,493 |
| Commercial | 1,232 | 9,207 | 10,795 | 219 | 0 | 21,453 | 622 | 10,586 | 42,436 |
| Military | 272 | 1,712 | 291 | 44 | 176 | 2,495 | 145 | 1,156 | 4,057 |
| Kerosene | 9 | 872 | 345 | 62 | 1 | 1,289 | 58 | 134 | 2,322 |
| Distillate Fuel Oil | 3,954 | 24,884 | 19,778 | 1,361 | 676 | 50,653 | 4,523 | 14,101 | 108,682 |
| 0.05 percent sulfur and under | 2,846 | 19,808 | 9,377 | 689 | 644 | 33,364 | 3,837 | 10,805 | 74,861 |
| Greater than 0.05 percent sulfur | 1,108 | 5,076 | 10,401 | 672 | 32 | 17,289 | 686 | 3,296 | 33,821 |
| Residual Fuel Oil | 264 | 6,548 | 2,599 | 196 | 14 | 9,621 | 310 | 5,466 | 20,408 |
| Less than 0.31 percent sulfur | 122 | 1 | 327 | 0 | 0 | 450 | 68 | 212 | 2,110 |
| 0.31 to 1.00 percent sulfur | 26 | 617 | 608 | 171 | 14 | 1,436 | 40 | 1,014 | 4,949 |
| Greater than 1.00 percent sulfur | 116 | 5,930 | 1,664 | 25 | 0 | 7,735 | 202 | 4,240 | 13,349 |
| Naphtha for Petrochemical Feedstock Use | 113 | 3,516 | 952 | 0 | 5 | 4,586 | 0 | 162 | 5,951 |
| Other Oils for Petrochemical Feedstock Use | 153 | 3,733 | 2,342 | 0 | 0 | 6,228 | 25 | 173 | 7,071 |
| Special Naphthas | 78 | 1,564 | 90 | 154 | 0 | 1,886 | 0 | 45 | 2,651 |
| Lubricants | W | 1,775 | W | W | W | 3,919 | 0 | 650 | 5,596 |
| Naphthenic | W | 181 | W | W | W | 828 | 0 | 309 | 1,137 |
| Paraffinic | W | 1,594 | W | W | W | 3,091 | 0 | 341 | 4,459 |
| Waxes | 0 | 232 | 107 | 37 | 0 | 376 | 122 | -117 | 482 |
| Petroleum Coke | 272 | 5,850 | 4,723 | 67 | 37 | 10,949 | 520 | 4,875 | 22,166 |
| Marketable | 31 | 3,623 | 3,739 | 46 | 0 | 7,439 | 304 | 3,669 | 14,807 |
| Catalyst | 241 | 2,227 | 984 | 21 | 37 | 3,510 | 216 | 1,206 | 7,359 |
| Asphalt and Road Oil | 513 | 782 | 941 | 1,135 | 149 | 3,520 | 1,484 | 2,004 | 15,392 |
| Still Gas | 687 | 4,900 | 3,504 | 171 | 71 | 9,333 | 614 | 4,254 | 19,773 |
| Miscellaneous Products | 17 | 467 | 590 | 0 | 0 | 1,074 | 61 | 174 | 1,664 |
| Fuel Use | 0 | 0 | 259 | 0 | 0 | 259 | 0 | -21 | 238 |
| Nonfuel Use | 17 | 467 | 331 | 0 | 0 | 815 | 61 | 195 | 1,426 |
| Total | 17,808 | 133,877 | 91,745 | 6,008 | 2,516 | 251,954 | 17,086 | 86,595 | 525,180 |
| Processing Gain(-) or Loss(+) ^a | -681 | -9,278 | -6,509 | -45 | -1 | -16,514 | -528 | -5,431 | -30,147 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts,
November 1999**
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | Total |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | |
| Liquefied Refinery Gases | 701 | -30 | 671 | 1,927 | -147 | 160 | 1,940 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,598 | 19 | 1,617 | 2,372 | 299 | 585 | 3,256 |
| Propane | W | W | W | 1,816 | W | W | W |
| Propylene | W | W | W | 556 | W | W | W |
| Normal Butane/Butylene | -789 | -46 | -835 | -470 | -427 | -317 | -1,214 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -108 | -3 | -111 | 25 | -19 | -108 | -102 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 28,137 | 965 | 29,102 | 34,535 | 7,957 | 11,444 | 53,936 |
| Reformulated | 18,114 | 0 | 18,114 | 7,028 | 1,415 | 470 | 8,913 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,488 | 0 | 1,488 |
| Other | 10,023 | 965 | 10,988 | 27,507 | 5,054 | 10,974 | 43,535 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 31 | 47 | 29 | 107 |
| Jet Fuel | 3,526 | 20 | 3,546 | 4,228 | 974 | 1,014 | 6,216 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,526 | 20 | 3,546 | 4,228 | 974 | 1,014 | 6,216 |
| Commercial | 3,526 | 14 | 3,540 | 4,149 | 947 | 890 | 5,986 |
| Military | 0 | 6 | 6 | 79 | 27 | 124 | 230 |
| Kerosene | 439 | 58 | 497 | 538 | 68 | 84 | 690 |
| Distillate Fuel Oil | 11,956 | 724 | 12,680 | 17,076 | 3,313 | 6,809 | 27,198 |
| 0.05 percent sulfur and under | 6,745 | 526 | 7,271 | 12,276 | 2,410 | 5,128 | 19,814 |
| Greater than 0.05 percent sulfur | 5,211 | 198 | 5,409 | 4,800 | 903 | 1,681 | 7,384 |
| Residual Fuel Oil | 3,109 | 46 | 3,155 | 1,062 | 323 | 217 | 1,602 |
| Less than 0.31 percent sulfur | 1,257 | 25 | 1,282 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 1,902 | 21 | 1,923 | 336 | 0 | 0 | 336 |
| Greater than 1.00 percent sulfur | -50 | 0 | -50 | 726 | 323 | 217 | 1,266 |
| Naphtha for Petrochemical Feedstock Use | 358 | 0 | 358 | 764 | 0 | 0 | 764 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 672 | 0 | 44 | 716 |
| Special Naphthas | 32 | 15 | 47 | 499 | 0 | 62 | 561 |
| Lubricants | 314 | 171 | 485 | 229 | 0 | 236 | 465 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 314 | 171 | 485 | 229 | 0 | 236 | 465 |
| Waxes | 0 | -10 | -10 | 62 | 0 | 43 | 105 |
| Petroleum Coke | 1,493 | 26 | 1,519 | 2,652 | 868 | 759 | 4,279 |
| Marketable | 573 | 0 | 573 | 1,639 | 550 | 566 | 2,755 |
| Catalyst | 920 | 26 | 946 | 1,013 | 318 | 193 | 1,524 |
| Asphalt and Road Oil | 1,528 | 390 | 1,918 | 3,161 | 940 | 644 | 4,745 |
| Still Gas | 1,640 | 68 | 1,708 | 2,132 | 469 | 832 | 3,433 |
| Miscellaneous Products | 27 | 36 | 63 | 215 | 80 | 0 | 295 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 27 | 36 | 63 | 215 | 80 | 0 | 295 |
| Total | 53,260 | 2,479 | 55,739 | 69,783 | 14,892 | 22,377 | 107,052 |
| Processing Gain(-) or Loss(+) ^a | -2,496 | -28 | -2,524 | -3,356 | -953 | -829 | -5,138 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. IV | PAD Dist. V | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | Rocky Mt. | West Coast | |
| | | | | | | | | | |
| Liquefied Refinery Gases | 535 | 7,194 | 3,021 | -57 | 33 | 10,726 | 30 | 840 | 14,207 |
| Ethane/Ethylene | 0 | 736 | 30 | 0 | 0 | 766 | 0 | 0 | 766 |
| Ethane | W | W | W | W | W | W | W | W | 583 |
| Ethylene | W | W | W | W | W | W | W | W | 183 |
| Propane/Propylene | 717 | 6,169 | 3,678 | 94 | 56 | 10,714 | 261 | 1,475 | 17,323 |
| Propane | W | 2,612 | 2,246 | W | W | 5,450 | W | W | 10,535 |
| Propylene | W | 3,557 | 1,432 | W | W | 5,264 | W | W | 6,788 |
| Normal Butane/Butylene | -100 | 201 | -688 | -119 | -23 | -729 | -194 | -688 | -3,660 |
| Normal Butane | W | W | W | W | W | W | W | W | -3,787 |
| Butylene | W | W | W | W | W | W | W | W | 127 |
| Isobutane/Isobutylene | -82 | 88 | 1 | -32 | 0 | -25 | -37 | 53 | -222 |
| Isobutane | W | W | W | W | W | W | W | W | -283 |
| Isobutylene | W | W | W | W | W | W | W | W | 61 |
| Finished Motor Gasoline | 10,068 | 53,915 | 38,071 | 1,724 | 1,433 | 105,211 | 8,061 | 41,281 | 237,591 |
| Reformulated | 606 | 16,918 | 4,091 | 0 | 0 | 21,615 | 0 | 29,649 | 78,291 |
| Oxygenated | 0 | 0 | 22 | 0 | 6 | 28 | 1,170 | 2,481 | 5,167 |
| Other | 9,462 | 36,997 | 33,958 | 1,724 | 1,427 | 83,568 | 6,891 | 9,151 | 154,133 |
| Finished Aviation Gasoline | 115 | 245 | 82 | 0 | 0 | 442 | 10 | 56 | 615 |
| Jet Fuel | 1,519 | 10,882 | 10,685 | 217 | 210 | 23,513 | 890 | 11,747 | 45,912 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 11 |
| Kerosene-Type | 1,519 | 10,882 | 10,685 | 217 | 210 | 23,513 | 890 | 11,736 | 45,901 |
| Commercial | 912 | 8,933 | 10,169 | 186 | 0 | 20,200 | 635 | 10,624 | 40,985 |
| Military | 607 | 1,949 | 516 | 31 | 210 | 3,313 | 255 | 1,112 | 4,916 |
| Kerosene | 1 | 1,012 | 207 | 68 | 3 | 1,291 | 68 | 101 | 2,647 |
| Distillate Fuel Oil | 4,638 | 24,413 | 18,824 | 1,375 | 768 | 50,018 | 4,517 | 13,828 | 108,241 |
| 0.05 percent sulfur and under | 3,815 | 18,751 | 9,316 | 693 | 743 | 33,318 | 3,781 | 11,167 | 75,351 |
| Greater than 0.05 percent sulfur | 823 | 5,662 | 9,508 | 682 | 25 | 16,700 | 736 | 2,661 | 32,890 |
| Residual Fuel Oil | 235 | 4,923 | 1,858 | 183 | 15 | 7,214 | 355 | 5,559 | 17,885 |
| Less than 0.31 percent sulfur | 103 | 1 | 131 | 0 | 0 | 235 | 52 | 168 | 1,737 |
| 0.31 to 1.00 percent sulfur | 51 | 728 | 476 | 157 | 15 | 1,427 | 100 | 1,472 | 5,258 |
| Greater than 1.00 percent sulfur | 81 | 4,194 | 1,251 | 26 | 0 | 5,552 | 203 | 3,919 | 10,890 |
| Naphtha for Petrochemical Feedstock Use | 123 | 3,483 | 980 | 0 | 11 | 4,597 | 0 | 164 | 5,883 |
| Other Oils for Petrochemical Feedstock Use | 137 | 3,885 | 2,121 | 0 | 0 | 6,143 | 18 | 220 | 7,097 |
| Special Naphthas | 91 | 1,466 | 61 | 161 | 0 | 1,779 | -2 | 77 | 2,462 |
| Lubricants | W | 1,770 | W | W | W | 3,870 | 0 | 739 | 5,559 |
| Naphthenic | W | 185 | W | W | W | 761 | 0 | 270 | 1,031 |
| Paraffinic | W | 1,585 | W | W | W | 3,109 | 0 | 469 | 4,528 |
| Waxes | 0 | 218 | 123 | 14 | 0 | 355 | 96 | -77 | 469 |
| Petroleum Coke | 271 | 5,861 | 4,514 | 80 | 29 | 10,755 | 561 | 4,714 | 21,828 |
| Marketable | 32 | 3,845 | 3,535 | 59 | 0 | 7,471 | 323 | 3,572 | 14,694 |
| Catalyst | 239 | 2,016 | 979 | 21 | 29 | 3,284 | 238 | 1,142 | 7,134 |
| Asphalt and Road Oil | 505 | 884 | 977 | 1,103 | 128 | 3,597 | 1,304 | 1,626 | 13,190 |
| Still Gas | 683 | 4,781 | 3,453 | 154 | 66 | 9,137 | 582 | 4,217 | 19,077 |
| Miscellaneous Products | 52 | 426 | 405 | 0 | 0 | 883 | 57 | 128 | 1,426 |
| Fuel Use | 0 | 0 | 80 | 0 | 0 | 80 | 0 | -51 | 29 |
| Nonfuel Use | 52 | 426 | 325 | 0 | 0 | 803 | 57 | 179 | 1,397 |
| Total | 19,028 | 125,358 | 86,758 | 5,691 | 2,696 | 239,531 | 16,547 | 85,220 | 504,089 |
| Processing Gain(-) or Loss(+) ^a | -764 | -8,966 | -5,536 | -17 | -13 | -15,296 | -506 | -4,667 | -28,131 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 1999
(Thousand Barrels)

| Commodity | PAD District I | | | PAD District II | | | |
|--------------------------------------------------|----------------|-------------------|---------------|-----------------|-------------------------------|-------------------|----------------|
| | East Coast | Appalachian No. 1 | Total | Ind., Ill., Ky. | Minn., Wis., N. Dak., S. Dak. | Okla., Kans., Mo. | Total |
| Liquefied Refinery Gases | 572 | 1 | 573 | 2,143 | -199 | 351 | 2,295 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethane | W | W | W | W | W | W | W |
| Ethylene | W | W | W | W | W | W | W |
| Propane/Propylene | 1,713 | 29 | 1,742 | 2,600 | 307 | 738 | 3,645 |
| Propane | W | W | W | 2,100 | W | W | W |
| Propylene | W | W | W | 500 | W | W | W |
| Normal Butane/Butylene | -1,047 | -26 | -1,073 | -498 | -487 | -352 | -1,337 |
| Normal Butane | W | W | W | W | W | W | W |
| Butylene | W | W | W | W | W | W | W |
| Isobutane/Isobutylene | -94 | -2 | -96 | 41 | -19 | -35 | -13 |
| Isobutane | W | W | W | W | W | W | W |
| Isobutylene | W | W | W | W | W | W | W |
| Finished Motor Gasoline | 30,316 | 1,054 | 31,370 | 37,252 | 7,926 | 12,691 | 57,869 |
| Reformulated | 20,347 | 0 | 20,347 | 7,710 | 1,307 | 527 | 9,544 |
| Oxygenated | 0 | 0 | 0 | 0 | 1,563 | 50 | 1,613 |
| Other | 9,969 | 1,054 | 11,023 | 29,542 | 5,056 | 12,114 | 46,712 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 29 | 35 | 69 | 133 |
| Jet Fuel | 3,559 | 52 | 3,611 | 4,827 | 940 | 1,107 | 6,874 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type | 3,559 | 52 | 3,611 | 4,827 | 940 | 1,107 | 6,874 |
| Commercial | 3,559 | 36 | 3,595 | 4,720 | 912 | 976 | 6,608 |
| Military | 0 | 16 | 16 | 107 | 28 | 131 | 266 |
| Kerosene | 541 | 72 | 613 | 808 | 66 | -6 | 868 |
| Distillate Fuel Oil | 11,918 | 696 | 12,614 | 14,927 | 3,451 | 6,670 | 25,048 |
| 0.05 percent sulfur and under | 5,676 | 636 | 6,312 | 11,046 | 2,606 | 5,090 | 18,742 |
| Greater than 0.05 percent sulfur | 6,242 | 60 | 6,302 | 3,881 | 845 | 1,580 | 6,306 |
| Residual Fuel Oil | 3,277 | 62 | 3,339 | 1,213 | 283 | 181 | 1,677 |
| Less than 0.31 percent sulfur | 1,114 | 32 | 1,146 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 2,452 | 30 | 2,482 | 392 | 0 | 0 | 392 |
| Greater than 1.00 percent sulfur | -289 | 0 | -289 | 821 | 283 | 181 | 1,285 |
| Naphtha for Petrochemical Feedstock Use | 440 | 0 | 440 | 704 | 0 | 0 | 704 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 560 | 0 | 37 | 597 |
| Special Naphthas | 14 | 18 | 32 | 648 | 0 | 80 | 728 |
| Lubricants | 246 | 200 | 446 | 226 | 0 | 269 | 495 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 246 | 200 | 446 | 226 | 0 | 269 | 495 |
| Waxes | 0 | 7 | 7 | 49 | 0 | 58 | 107 |
| Petroleum Coke | 1,550 | 24 | 1,574 | 2,937 | 980 | 778 | 4,695 |
| Marketable | 565 | 0 | 565 | 1,831 | 650 | 577 | 3,058 |
| Catalyst | 985 | 24 | 1,009 | 1,106 | 330 | 201 | 1,637 |
| Asphalt and Road Oil | 1,039 | 432 | 1,471 | 3,128 | 737 | 629 | 4,494 |
| Still Gas | 1,755 | 67 | 1,822 | 2,387 | 455 | 849 | 3,691 |
| Miscellaneous Products | 39 | 33 | 72 | 233 | 84 | 0 | 317 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 39 | 33 | 72 | 233 | 84 | 0 | 317 |
| Total | 55,266 | 2,718 | 57,984 | 72,071 | 14,758 | 23,763 | 110,592 |
| Processing Gain(-) or Loss(+) ^a | -2,584 | -29 | -2,613 | -3,771 | -1,256 | -632 | -5,659 |

See footnotes at end of table.

Table 17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 1999 (Continued)
(Thousand Barrels)

| Commodity | PAD District III | | | | | | PAD Dist. | PAD Dist. | U.S. Total |
|--------------------------------------------------|------------------|------------------|----------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | La. Gulf Coast | N. La., Ark. | New Mexico | Total | IV | V | |
| | | | | | | | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 644 | 6,956 | 3,350 | -53 | 9 | 10,906 | 63 | 1,230 | 15,067 |
| Ethane/Ethylene | 0 | 577 | 27 | 0 | 0 | 604 | 0 | 0 | 604 |
| Ethane | W | W | W | W | W | W | W | W | 431 |
| Ethylene | W | W | W | W | W | W | W | W | 173 |
| Propane/Propylene | 790 | 6,539 | 4,137 | 99 | 56 | 11,621 | 297 | 1,688 | 18,993 |
| Propane | W | 2,784 | 2,703 | W | W | 6,106 | W | W | 11,991 |
| Propylene | W | 3,755 | 1,434 | W | W | 5,515 | W | W | 7,002 |
| Normal Butane/Butylene | -26 | -302 | -893 | -97 | -47 | -1,365 | -197 | -518 | -4,490 |
| Normal Butane | W | W | W | W | W | W | W | W | -4,197 |
| Butylene | W | W | W | W | W | W | W | W | -293 |
| Isobutane/Isobutylene | -120 | 142 | 79 | -55 | 0 | 46 | -37 | 60 | -40 |
| Isobutane | W | W | W | W | W | W | W | W | -134 |
| Isobutylene | W | W | W | W | W | W | W | W | 94 |
| Finished Motor Gasoline | 10,528 | 58,978 | 42,997 | 1,789 | 1,520 | 115,812 | 8,325 | 41,878 | 255,254 |
| Reformulated | 401 | 18,359 | 3,500 | 0 | 0 | 22,260 | 0 | 30,676 | 82,827 |
| Oxygenated | 0 | 0 | 23 | 0 | 27 | 50 | 1,320 | 2,686 | 5,669 |
| Other | 10,127 | 40,619 | 39,474 | 1,789 | 1,493 | 93,502 | 7,005 | 8,516 | 166,758 |
| Finished Aviation Gasoline | 82 | 127 | 110 | 0 | 0 | 319 | 5 | 59 | 516 |
| Jet Fuel | 1,494 | 11,742 | 11,923 | 232 | 200 | 25,591 | 915 | 13,098 | 50,089 |
| Naphtha-Type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 27 |
| Kerosene-Type | 1,494 | 11,742 | 11,923 | 232 | 200 | 25,591 | 915 | 13,071 | 50,062 |
| Commercial | 1,222 | 10,145 | 11,747 | 205 | 0 | 23,319 | 766 | 11,750 | 46,038 |
| Military | 272 | 1,597 | 176 | 27 | 200 | 2,272 | 149 | 1,321 | 4,024 |
| Kerosene | 5 | 1,032 | 237 | 77 | 6 | 1,357 | 149 | 122 | 3,109 |
| Distillate Fuel Oil | 4,496 | 24,088 | 18,803 | 1,412 | 768 | 49,567 | 4,551 | 13,662 | 105,442 |
| 0.05 percent sulfur and under | 3,570 | 19,171 | 9,303 | 757 | 749 | 33,550 | 3,670 | 10,597 | 72,871 |
| Greater than 0.05 percent sulfur | 926 | 4,917 | 9,500 | 655 | 19 | 16,017 | 881 | 3,065 | 32,571 |
| Residual Fuel Oil | 186 | 6,770 | 3,303 | 162 | 17 | 10,438 | 361 | 5,575 | 21,390 |
| Less than 0.31 percent sulfur | 89 | 2 | 437 | 0 | 0 | 528 | 42 | 169 | 1,885 |
| 0.31 to 1.00 percent sulfur | 39 | 645 | 489 | 135 | 17 | 1,325 | 112 | 1,327 | 5,638 |
| Greater than 1.00 percent sulfur | 58 | 6,123 | 2,377 | 27 | 0 | 8,585 | 207 | 4,079 | 13,867 |
| Naphtha for Petrochemical Feedstock Use | 105 | 3,657 | 1,098 | 0 | -19 | 4,841 | 0 | 180 | 6,165 |
| Other Oils for Petrochemical Feedstock Use | 141 | 2,824 | 2,450 | 0 | 0 | 5,415 | 24 | 289 | 6,325 |
| Special Naphthas | 99 | 1,864 | 155 | 142 | 0 | 2,260 | 0 | 47 | 3,067 |
| Lubricants | W | 1,810 | W | W | W | 4,047 | 0 | 860 | 5,848 |
| Naphthenic | W | 169 | W | W | W | 816 | 0 | 373 | 1,189 |
| Paraffinic | W | 1,641 | W | W | W | 3,231 | 0 | 487 | 4,659 |
| Waxes | 0 | 200 | 114 | 19 | 0 | 333 | 113 | 20 | 580 |
| Petroleum Coke | 282 | 6,024 | 4,561 | 83 | 33 | 10,983 | 551 | 5,063 | 22,866 |
| Marketable | 31 | 3,883 | 3,336 | 61 | 0 | 7,311 | 333 | 3,870 | 15,137 |
| Catalyst | 251 | 2,141 | 1,225 | 22 | 33 | 3,672 | 218 | 1,193 | 7,729 |
| Asphalt and Road Oil | 511 | 671 | 863 | 1,085 | 139 | 3,269 | 1,092 | 1,313 | 11,639 |
| Still Gas | 631 | 4,722 | 3,393 | 168 | 69 | 8,983 | 607 | 4,250 | 19,353 |
| Miscellaneous Products | 31 | 524 | 434 | 0 | 0 | 989 | 60 | 165 | 1,603 |
| Fuel Use | 0 | 0 | 112 | 0 | 0 | 112 | 0 | -44 | 68 |
| Nonfuel Use | 31 | 524 | 322 | 0 | 0 | 877 | 60 | 209 | 1,535 |
| Total | 19,284 | 131,989 | 95,204 | 5,891 | 2,742 | 255,110 | 16,816 | 87,811 | 528,313 |
| Processing Gain(-) or Loss(+) ^a | -820 | -9,688 | -6,843 | -84 | -14 | -17,449 | -572 | -4,641 | -30,934 |

^a Represents the arithmetic difference between input and production.
W = Withheld to avoid disclosure of individual company data.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."