

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 481 | -16 | 465 | 932 | -193 | 314 | 1,053 |
| Natural Gas Liquids | 181 | -16 | 165 | 141 | -307 | 130 | -36 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 475 | 29 | 504 | 1,435 | 298 | 511 | 2,244 |
| Normal Butane | -268 | -28 | -296 | -1,169 | -578 | -381 | -2,128 |
| Isobutane | -26 | -17 | -43 | -125 | -27 | 0 | -152 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 300 | - | 300 | 791 | 114 | 184 | 1,089 |
| Ethylene | 11 | - | 11 | - | - | - | - |
| Propylene | 264 | - | 264 | 784 | 114 | 184 | 1,082 |
| Butylene | 1 | - | 1 | 7 | - | - | 7 |
| Isobutylene | 24 | - | 24 | - | - | - | - |
| Finished Motor Gasoline | 618 | 1,181 | 1,799 | 2,829 | 1,905 | 3,016 | 7,750 |
| Reformulated | 618 | - | 618 | - | - | 4 | 4 |
| Reformulated Blended with Fuel Ethanol | 618 | - | 618 | - | - | 4 | 4 |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,181 | 1,181 | 2,829 | 1,905 | 3,012 | 7,746 |
| Conventional Blended with Fuel Ethanol | - | 1,144 | 1,144 | 1,820 | 1,530 | 1,446 | 4,796 |
| Ed55 and Lower | - | 1,144 | 1,144 | 1,820 | 1,530 | 1,446 | 4,796 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 37 | 37 | 1,009 | 375 | 1,566 | 2,950 |
| Finished Aviation Gasoline | - | - | - | - | - | - | - |
| Kerosene-Type Jet Fuel | 3,141 | - | 3,141 | 5,403 | 795 | 1,115 | 7,313 |
| Kerosene | 76 | 2 | 78 | 137 | - | 73 | 210 |
| Distillate Fuel Oil | 5,872 | 735 | 6,607 | 19,350 | 5,773 | 9,843 | 34,966 |
| 15 ppm sulfur and under | 5,755 | 735 | 6,490 | 19,263 | 5,847 | 9,915 | 35,025 |
| Greater than 15 ppm to 500 ppm sulfur | 38 | - | 38 | - | - | 29 | 29 |
| Greater than 500 ppm sulfur | 79 | 0 | 79 | 87 | -74 | -101 | -88 |
| Residual Fuel Oil | 917 | 12 | 929 | 616 | 151 | 128 | 895 |
| Less than 0.31 percent sulfur | - | 11 | 11 | 22 | - | - | 22 |
| 0.31 to 1.00 percent sulfur | 666 | 1 | 667 | 343 | 72 | 36 | 451 |
| Greater than 1.00 percent sulfur | 251 | - | 251 | 251 | 79 | 92 | 422 |
| Petrochemical Feedstocks | - | 12 | 12 | 800 | - | - | 800 |
| Naphtha for Petro. Feed. Use | - | - | - | 401 | - | - | 401 |
| Other Oils for Petro. Feed. Use | - | 12 | 12 | 399 | - | - | 399 |
| Special Naphthas | - | -5 | -5 | -29 | - | 14 | -15 |
| Lubricants | 206 | 166 | 372 | - | - | 182 | 182 |
| Waxes | - | -28 | -28 | - | - | 40 | 40 |
| Petroleum Coke | 660 | 20 | 680 | 3,707 | 977 | 849 | 5,533 |
| Marketable | 252 | - | 252 | 2,763 | 821 | 619 | 4,203 |
| Catalyst | 408 | 20 | 428 | 944 | 156 | 230 | 1,330 |
| Asphalt and Road Oil | 369 | 676 | 1,045 | 3,389 | 1,376 | 200 | 4,965 |
| Still Gas | 786 | 52 | 838 | 2,433 | 641 | 1,009 | 4,083 |
| Miscellaneous Products | 44 | 39 | 83 | 322 | 123 | 40 | 485 |
| Total | 13,170 | 2,846 | 16,016 | 39,889 | 11,548 | 16,823 | 68,260 |
| Processing Gain(-) or Loss(+) | -1,073 | -4 | -1,077 | -4,450 | -1,353 | -988 | -6,791 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 200 | 4,922 | 4,504 | -43 | -21 | 9,562 | -11 | -171 | 10,898 |
| Natural Gas Liquids | -63 | 2,160 | 1,913 | -57 | -21 | 3,932 | 21 | -335 | 3,747 |
| Ethane | 6 | 69 | 31 | - | - | 106 | - | - | 106 |
| Propane | 306 | 2,296 | 1,899 | 13 | 26 | 4,540 | 167 | 791 | 8,246 |
| Normal Butane | -367 | -14 | -78 | -70 | -47 | -576 | -137 | -1,168 | -4,305 |
| Isobutane | -8 | -191 | 61 | - | - | -138 | -9 | 42 | -300 |
| Natural Gasoline | - | - | - | - | - | - | - | - | - |
| Refinery Olefins | 263 | 2,762 | 2,591 | 14 | - | 5,630 | -32 | 164 | 7,151 |
| Ethylene | - | 3 | - | - | - | 3 | - | - | 14 |
| Propylene | 264 | 2,939 | 2,497 | 14 | - | 5,714 | -9 | 178 | 7,229 |
| Butylene | -1 | -180 | 94 | - | - | -87 | -23 | -14 | -116 |
| Isobutylene | - | - | - | - | - | - | - | - | 24 |
| Finished Motor Gasoline | 1,891 | 13,108 | 8,757 | 521 | 151 | 24,428 | 3,655 | 3,218 | 40,850 |
| Reformulated | - | - | - | - | - | - | - | 611 | 1,233 |
| Reformulated Blended with Fuel Ethanol | - | - | - | - | - | - | - | 611 | 1,233 |
| Reformulated Other | - | - | - | - | - | - | - | - | - |
| Conventional | 1,891 | 13,108 | 8,757 | 521 | 151 | 24,428 | 3,655 | 2,607 | 39,617 |
| Conventional Blended with Fuel Ethanol | 1,497 | 401 | 1,761 | 466 | 52 | 4,177 | 1,689 | 643 | 12,449 |
| Ed55 and Lower | 1,497 | 401 | 1,761 | 466 | 52 | 4,177 | 1,689 | 643 | 12,449 |
| Greater than Ed55 | - | - | - | - | - | - | - | - | - |
| Conventional Other | 394 | 12,707 | 6,996 | 55 | 99 | 20,251 | 1,966 | 1,964 | 27,168 |
| Finished Aviation Gasoline | 47 | 57 | 98 | - | - | 202 | 3 | - | 205 |
| Kerosene-Type Jet Fuel | 1,573 | 14,900 | 10,029 | 123 | - | 26,625 | 568 | 12,533 | 50,180 |
| Kerosene | 2 | 218 | 0 | 32 | - | 252 | - | 2 | 542 |
| Distillate Fuel Oil | 5,614 | 42,028 | 33,488 | 2,488 | 652 | 84,270 | 5,354 | 13,378 | 144,575 |
| 15 ppm sulfur and under | 5,612 | 41,602 | 29,298 | 2,452 | 652 | 79,616 | 5,262 | 12,727 | 139,120 |
| Greater than 15 ppm to 500 ppm sulfur | 2 | 217 | 2,021 | 87 | - | 2,327 | 81 | 258 | 2,733 |
| Greater than 500 ppm sulfur | - | 209 | 2,169 | -51 | - | 2,327 | 11 | 393 | 2,722 |
| Residual Fuel Oil | 286 | 2,297 | 1,186 | 19 | -28 | 3,760 | 295 | 2,242 | 8,121 |
| Less than 0.31 percent sulfur | 304 | - | 825 | - | - | 1,129 | 175 | 40 | 1,377 |
| 0.31 to 1.00 percent sulfur | 8 | 658 | 416 | 19 | - | 1,101 | 12 | 571 | 2,802 |
| Greater than 1.00 percent sulfur | -26 | 1,639 | -55 | - | -28 | 1,530 | 108 | 1,631 | 3,942 |
| Petrochemical Feedstocks | 98 | 3,618 | 2,165 | - | 37 | 5,918 | 56 | - | 6,786 |
| Naphtha for Petro. Feed. Use | 94 | 2,385 | 1,443 | - | - | 3,922 | - | - | 4,323 |
| Other Oils for Petro. Feed. Use | 4 | 1,233 | 722 | - | 37 | 1,996 | 56 | - | 2,463 |
| Special Naphthas | 54 | 625 | - | 206 | - | 885 | - | 33 | 898 |
| Lubricants | 23 | 1,708 | 1,417 | 716 | - | 3,864 | - | 458 | 4,876 |
| Waxes | - | 40 | 42 | 13 | - | 95 | - | - | 107 |
| Petroleum Coke | 345 | 7,872 | 5,443 | 170 | 19 | 13,849 | 719 | 3,585 | 24,366 |
| Marketable | 132 | 6,316 | 4,401 | 155 | - | 11,004 | 536 | 2,679 | 18,674 |
| Catalyst | 213 | 1,556 | 1,042 | 15 | 19 | 2,845 | 183 | 906 | 5,692 |
| Asphalt and Road Oil | 176 | 178 | 646 | 1,016 | 56 | 2,072 | 709 | 671 | 9,462 |
| Still Gas | 694 | 5,762 | 3,507 | 269 | 71 | 10,303 | 627 | 3,487 | 19,338 |
| Miscellaneous Products | 156 | 887 | 470 | 17 | 2 | 1,532 | 53 | 395 | 2,548 |
| Total | 11,159 | 98,220 | 71,752 | 5,547 | 939 | 187,617 | 12,028 | 39,831 | 323,752 |
| Processing Gain(-) or Loss(+) | -816 | -10,084 | -7,467 | -173 | -38 | -18,578 | -790 | -4,741 | -31,977 |

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 223 | -16 | 207 | 859 | -135 | 335 | 1,059 |
| Natural Gas Liquids | 187 | -16 | 171 | 168 | -234 | 197 | 131 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 322 | 19 | 341 | 1,373 | 267 | 468 | 2,108 |
| Normal Butane | -134 | -18 | -152 | -1,056 | -462 | -252 | -1,770 |
| Isobutane | -1 | -17 | -18 | -149 | -39 | -19 | -207 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 36 | - | 36 | 691 | 99 | 138 | 928 |
| Ethylene | - | - | - | - | - | - | - |
| Propylene | 37 | - | 37 | 692 | 99 | 138 | 929 |
| Butylene | -1 | - | -1 | -1 | - | - | -1 |
| Isobutylene | - | - | - | - | - | - | - |
| Finished Motor Gasoline | 609 | 1,216 | 1,825 | 2,585 | 1,721 | 2,303 | 6,609 |
| Reformulated | 609 | - | 609 | - | - | 2 | 2 |
| Reformulated Blended with Fuel Ethanol | 609 | - | 609 | - | - | 2 | 2 |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,216 | 1,216 | 2,585 | 1,721 | 2,301 | 6,607 |
| Conventional Blended with Fuel Ethanol | - | 1,192 | 1,192 | 1,682 | 1,433 | 1,321 | 4,436 |
| Ed55 and Lower | - | 1,192 | 1,192 | 1,682 | 1,433 | 1,321 | 4,436 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 24 | 24 | 903 | 288 | 980 | 2,171 |
| Finished Aviation Gasoline | - | - | - | - | 18 | - | 18 |
| Kerosene-Type Jet Fuel | 2,506 | - | 2,506 | 4,715 | 805 | 916 | 6,436 |
| Kerosene | 107 | 6 | 113 | 94 | - | 9 | 103 |
| Distillate Fuel Oil | 4,791 | 758 | 5,549 | 18,344 | 4,952 | 9,302 | 32,598 |
| 15 ppm sulfur and under | 4,830 | 756 | 5,586 | 18,474 | 4,955 | 9,353 | 32,782 |
| Greater than 15 ppm to 500 ppm sulfur | -41 | - | -41 | - | - | -64 | -64 |
| Greater than 500 ppm sulfur | 2 | 2 | 4 | -130 | -3 | 13 | -120 |
| Residual Fuel Oil | 766 | 8 | 774 | 624 | 133 | 137 | 894 |
| Less than 0.31 percent sulfur | - | 7 | 7 | 115 | - | - | 115 |
| 0.31 to 1.00 percent sulfur | 555 | 1 | 556 | 266 | 69 | 41 | 376 |
| Greater than 1.00 percent sulfur | 211 | - | 211 | 243 | 64 | 96 | 403 |
| Petrochemical Feedstocks | - | 12 | 12 | 658 | - | - | 658 |
| Naphtha for Petro. Feed. Use | - | - | - | 307 | - | - | 307 |
| Other Oils for Petro. Feed. Use | - | 12 | 12 | 351 | - | - | 351 |
| Special Naphthas | - | -3 | -3 | -19 | - | 18 | -1 |
| Lubricants | 194 | 193 | 387 | - | - | 203 | 203 |
| Waxes | - | -14 | -14 | - | - | 38 | 38 |
| Petroleum Coke | 418 | 19 | 437 | 3,499 | 860 | 798 | 5,157 |
| Marketable | 212 | - | 212 | 2,657 | 712 | 579 | 3,948 |
| Catalyst | 206 | 19 | 225 | 842 | 148 | 219 | 1,209 |
| Asphalt and Road Oil | 331 | 610 | 941 | 2,990 | 1,176 | 305 | 4,471 |
| Still Gas | 580 | 42 | 622 | 2,357 | 592 | 990 | 3,939 |
| Miscellaneous Products | 42 | 15 | 57 | 293 | 158 | 45 | 496 |
| Total | 10,567 | 2,846 | 13,413 | 36,999 | 10,280 | 15,399 | 62,678 |
| Processing Gain(-) or Loss(+) | -482 | 13 | -469 | -3,667 | -971 | -1,025 | -5,663 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 370 | 4,742 | 4,137 | -19 | 7 | 9,237 | 113 | 851 | 11,467 |
| Natural Gas Liquids | 113 | 2,165 | 1,976 | -44 | 7 | 4,217 | 88 | 721 | 5,328 |
| Ethane | 3 | 94 | 30 | - | - | 127 | - | - | 127 |
| Propane | 257 | 2,125 | 1,824 | 13 | 24 | 4,243 | 156 | 687 | 7,535 |
| Normal Butane | -149 | 298 | 29 | -57 | -17 | 104 | -20 | 7 | -1,831 |
| Isobutane | 2 | -352 | 93 | - | - | -257 | -48 | 27 | -503 |
| Natural Gasoline | - | - | - | - | - | - | - | - | - |
| Refinery Olefins | 257 | 2,577 | 2,161 | 25 | - | 5,020 | 25 | 130 | 6,139 |
| Ethylene | - | - | - | - | - | - | - | - | - |
| Propylene | 258 | 2,908 | 2,030 | 25 | - | 5,221 | 3 | 142 | 6,332 |
| Butylene | -1 | -331 | 131 | - | - | -201 | 22 | -12 | -193 |
| Isobutylene | - | - | - | - | - | - | - | - | - |
| Finished Motor Gasoline | 1,603 | 12,566 | 6,952 | 540 | 149 | 21,810 | 3,020 | 1,986 | 35,250 |
| Reformulated | - | - | - | - | - | - | - | 593 | 1,204 |
| Reformulated Blended with Fuel Ethanol | - | - | - | - | - | - | - | 593 | 1,204 |
| Reformulated Other | - | - | - | - | - | - | - | - | - |
| Conventional | 1,603 | 12,566 | 6,952 | 540 | 149 | 21,810 | 3,020 | 1,393 | 34,046 |
| Conventional Blended with Fuel Ethanol | 1,330 | 395 | 1,670 | 503 | 50 | 3,948 | 1,434 | 574 | 11,584 |
| Ed55 and Lower | 1,330 | 395 | 1,670 | 503 | 50 | 3,948 | 1,434 | 574 | 11,584 |
| Greater than Ed55 | - | - | - | - | - | - | - | - | - |
| Conventional Other | 273 | 12,171 | 5,282 | 37 | 99 | 17,862 | 1,586 | 819 | 22,462 |
| Finished Aviation Gasoline | 37 | 119 | 149 | - | - | 305 | 3 | 1 | 327 |
| Kerosene-Type Jet Fuel | 1,269 | 12,294 | 9,200 | 64 | - | 22,827 | 710 | 11,298 | 43,777 |
| Kerosene | -1 | 185 | - | 19 | - | 203 | - | 3 | 422 |
| Distillate Fuel Oil | 5,280 | 37,992 | 28,661 | 2,388 | 814 | 75,135 | 5,011 | 12,122 | 130,415 |
| 15 ppm sulfur and under | 5,278 | 36,783 | 24,048 | 2,398 | 814 | 69,321 | 5,021 | 11,327 | 124,037 |
| Greater than 15 ppm to 500 ppm sulfur | 2 | 198 | 1,973 | 70 | - | 2,243 | -7 | 274 | 2,405 |
| Greater than 500 ppm sulfur | - | 1,011 | 2,640 | -80 | - | 3,571 | -3 | 521 | 3,973 |
| Residual Fuel Oil | 273 | 2,123 | 1,277 | -2 | 5 | 3,676 | 333 | 2,086 | 7,763 |
| Less than 0.31 percent sulfur | 240 | - | 762 | - | - | 1,002 | 155 | 44 | 1,323 |
| 0.31 to 1.00 percent sulfur | 25 | 519 | 461 | -2 | - | 1,003 | 25 | 627 | 2,587 |
| Greater than 1.00 percent sulfur | 8 | 1,604 | 54 | - | 5 | 1,671 | 153 | 1,415 | 3,853 |
| Petrochemical Feedstocks | 104 | 3,209 | 1,496 | - | 47 | 4,856 | 55 | - | 5,581 |
| Naphtha for Petro. Feed. Use | 96 | 1,680 | 890 | - | - | 2,666 | - | - | 2,973 |
| Other Oils for Petro. Feed. Use | 8 | 1,529 | 606 | - | 47 | 2,190 | 55 | - | 2,608 |
| Special Naphthas | 59 | 532 | - | 212 | - | 803 | - | - | 799 |
| Lubricants | 4 | 1,515 | 816 | 626 | - | 2,961 | - | 445 | 3,996 |
| Waxes | - | 44 | 56 | 15 | - | 115 | - | - | 139 |
| Petroleum Coke | 348 | 6,935 | 4,605 | 165 | 18 | 12,071 | 675 | 3,312 | 21,652 |
| Marketable | 151 | 5,415 | 3,690 | 150 | - | 9,406 | 463 | 2,612 | 16,641 |
| Catalyst | 197 | 1,520 | 915 | 15 | 18 | 2,665 | 212 | 700 | 5,011 |
| Asphalt and Road Oil | 137 | 305 | 676 | 831 | 13 | 1,962 | 675 | 662 | 8,711 |
| Still Gas | 729 | 4,953 | 2,947 | 323 | 65 | 9,017 | 565 | 2,976 | 17,119 |
| Miscellaneous Products | 115 | 868 | 402 | 16 | 7 | 1,408 | 50 | 350 | 2,361 |
| Total | 10,327 | 88,382 | 61,374 | 5,178 | 1,125 | 166,386 | 11,210 | 36,092 | 289,779 |
| Processing Gain(-) or Loss(+) | -839 | -8,309 | -6,317 | -169 | -70 | -15,704 | -676 | -4,227 | -26,739 |

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 231 | 14 | 245 | 2,428 | 220 | 682 | 3,330 |
| Natural Gas Liquids | 178 | 14 | 192 | 1,542 | 104 | 510 | 2,156 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 330 | 30 | 360 | 1,659 | 308 | 459 | 2,426 |
| Normal Butane | -150 | -2 | -152 | 21 | -147 | 76 | -50 |
| Isobutane | -2 | -14 | -16 | -138 | -57 | -25 | -220 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 53 | - | 53 | 886 | 116 | 172 | 1,174 |
| Ethylene | - | - | - | - | - | - | - |
| Propylene | 55 | - | 55 | 851 | 116 | 173 | 1,140 |
| Butylene | -2 | - | -2 | 35 | - | -1 | 34 |
| Isobutylene | - | - | - | - | - | - | - |
| Finished Motor Gasoline | 669 | 1,399 | 2,068 | 4,426 | 1,866 | 2,644 | 8,936 |
| Reformulated | 669 | - | 669 | - | - | 2 | 2 |
| Reformulated Blended with Fuel Ethanol | 669 | - | 669 | - | - | 2 | 2 |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,399 | 1,399 | 4,426 | 1,866 | 2,642 | 8,934 |
| Conventional Blended with Fuel Ethanol | - | 1,395 | 1,395 | 1,923 | 1,538 | 1,532 | 4,993 |
| Ed55 and Lower | - | 1,395 | 1,395 | 1,923 | 1,538 | 1,532 | 4,993 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 4 | 4 | 2,503 | 328 | 1,110 | 3,941 |
| Finished Aviation Gasoline | - | - | - | - | - | - | - |
| Kerosene-Type Jet Fuel | 2,609 | - | 2,609 | 6,335 | 914 | 1,115 | 8,364 |
| Kerosene | 10 | - | 10 | 27 | - | -4 | 23 |
| Distillate Fuel Oil | 4,438 | 858 | 5,296 | 20,126 | 5,347 | 8,555 | 34,028 |
| 15 ppm sulfur and under | 4,440 | 857 | 5,297 | 20,079 | 5,307 | 8,476 | 33,862 |
| Greater than 15 ppm to 500 ppm sulfur | 10 | - | 10 | - | - | 86 | 86 |
| Greater than 500 ppm sulfur | -12 | 1 | -11 | 47 | 40 | -7 | 80 |
| Residual Fuel Oil | 779 | 8 | 787 | 673 | 164 | 139 | 976 |
| Less than 0.31 percent sulfur | - | 7 | 7 | 35 | - | - | 35 |
| 0.31 to 1.00 percent sulfur | 673 | 1 | 674 | 245 | 83 | 44 | 372 |
| Greater than 1.00 percent sulfur | 106 | - | 106 | 393 | 81 | 95 | 569 |
| Petrochemical Feedstocks | - | 16 | 16 | 906 | - | - | 906 |
| Naphtha for Petro. Feed. Use | - | - | - | 529 | - | - | 529 |
| Other Oils for Petro. Feed. Use | - | 16 | 16 | 377 | - | - | 377 |
| Special Naphthas | - | 3 | 3 | -16 | - | 13 | -3 |
| Lubricants | 67 | 206 | 273 | - | - | 212 | 212 |
| Waxes | - | -2 | -2 | - | - | 43 | 43 |
| Petroleum Coke | 485 | 21 | 506 | 3,797 | 932 | 732 | 5,461 |
| Marketable | 254 | - | 254 | 2,789 | 768 | 506 | 4,063 |
| Catalyst | 231 | 21 | 252 | 1,008 | 164 | 226 | 1,398 |
| Asphalt and Road Oil | 403 | 717 | 1,120 | 3,463 | 1,179 | 330 | 4,972 |
| Still Gas | 658 | 50 | 708 | 2,546 | 638 | 939 | 4,123 |
| Miscellaneous Products | 38 | 8 | 46 | 326 | 125 | 37 | 488 |
| Total | 10,387 | 3,298 | 13,685 | 45,037 | 11,385 | 15,437 | 71,859 |
| Processing Gain(-) or Loss(+) | -687 | 41 | -646 | -4,169 | -1,310 | -1,017 | -6,496 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 696 | 7,823 | 5,071 | 69 | 17 | 13,676 | 313 | 2,061 | 19,625 |
| Natural Gas Liquids | 364 | 4,366 | 2,931 | 47 | 17 | 7,725 | 194 | 1,908 | 12,175 |
| Ethane | 5 | 228 | 32 | — | — | 265 | — | — | 265 |
| Propane | 263 | 2,498 | 1,947 | 15 | 10 | 4,733 | 195 | 919 | 8,633 |
| Normal Butane | 113 | 1,961 | 837 | 32 | 7 | 2,950 | -8 | 711 | 3,451 |
| Isobutane | -17 | -321 | 115 | — | — | -223 | 7 | 278 | -174 |
| Natural Gasoline | — | — | — | — | — | — | — | — | — |
| Refinery Olefins | 332 | 3,457 | 2,140 | 22 | — | 5,951 | 119 | 153 | 7,450 |
| Ethylene | — | 1 | — | — | — | 1 | — | — | 1 |
| Propylene | 369 | 3,632 | 2,224 | 22 | — | 6,247 | 51 | 170 | 7,663 |
| Butylene | -37 | -176 | -84 | — | — | -297 | 68 | -17 | -214 |
| Isobutylene | — | — | — | — | — | — | — | — | — |
| Finished Motor Gasoline | 2,358 | 15,133 | 7,082 | 565 | 84 | 25,222 | 3,976 | 2,394 | 42,596 |
| Reformulated | — | — | — | — | — | — | — | 677 | 1,348 |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | 677 | 1,348 |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 2,358 | 15,133 | 7,082 | 565 | 84 | 25,222 | 3,976 | 1,717 | 41,248 |
| Conventional Blended with Fuel Ethanol | 1,970 | 440 | 1,983 | 547 | 54 | 4,994 | 2,269 | 738 | 14,389 |
| Ed55 and Lower | 1,970 | 440 | 1,983 | 547 | 54 | 4,994 | 2,269 | 738 | 14,389 |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 388 | 14,693 | 5,099 | 18 | 30 | 20,228 | 1,707 | 979 | 26,859 |
| Finished Aviation Gasoline | 48 | -4 | 88 | — | — | 132 | 6 | 10 | 148 |
| Kerosene-Type Jet Fuel | 1,481 | 15,073 | 10,335 | 137 | — | 27,026 | 997 | 12,965 | 51,961 |
| Kerosene | -1 | 193 | — | 6 | — | 198 | — | 2 | 233 |
| Distillate Fuel Oil | 5,987 | 41,000 | 34,643 | 2,812 | 548 | 84,990 | 5,788 | 13,699 | 143,801 |
| 15 ppm sulfur and under | 5,961 | 39,676 | 29,883 | 2,655 | 548 | 78,723 | 5,775 | 12,829 | 136,486 |
| Greater than 15 ppm to 500 ppm sulfur | 26 | 291 | 2,667 | 88 | — | 3,072 | 17 | 459 | 3,644 |
| Greater than 500 ppm sulfur | — | 1,033 | 2,093 | 69 | — | 3,195 | -4 | 411 | 3,671 |
| Residual Fuel Oil | 292 | 2,343 | 1,699 | -33 | 44 | 4,345 | 320 | 2,163 | 8,591 |
| Less than 0.31 percent sulfur | 249 | — | 865 | — | — | 1,114 | 163 | 53 | 1,372 |
| 0.31 to 1.00 percent sulfur | -2 | 733 | 422 | -33 | — | 1,120 | 34 | 616 | 2,816 |
| Greater than 1.00 percent sulfur | 45 | 1,610 | 412 | — | 44 | 2,111 | 123 | 1,494 | 4,403 |
| Petrochemical Feedstocks | 19 | 3,831 | 2,526 | — | 21 | 6,397 | 62 | 38 | 7,419 |
| Naphtha for Petro. Feed. Use | 16 | 2,234 | 1,538 | — | — | 3,788 | — | — | 4,317 |
| Other Oils for Petro. Feed. Use | 3 | 1,597 | 988 | — | 21 | 2,609 | 62 | 38 | 3,102 |
| Special Naphthas | 29 | 643 | — | 249 | — | 921 | — | 28 | 949 |
| Lubricants | -4 | 1,575 | 804 | 787 | — | 3,162 | — | 294 | 3,941 |
| Waxes | — | 34 | 58 | 23 | — | 115 | — | — | 156 |
| Petroleum Coke | 423 | 7,783 | 5,048 | 184 | 10 | 13,448 | 686 | 3,877 | 23,978 |
| Marketable | 188 | 5,921 | 4,073 | 168 | — | 10,350 | 501 | 3,084 | 18,252 |
| Catalyst | 235 | 1,862 | 975 | 16 | 10 | 3,098 | 185 | 793 | 5,726 |
| Asphalt and Road Oil | 217 | 401 | 506 | 1,034 | 72 | 2,230 | 868 | 680 | 9,870 |
| Still Gas | 756 | 5,645 | 3,550 | 266 | 71 | 10,288 | 650 | 3,739 | 19,508 |
| Miscellaneous Products | 116 | 879 | 485 | 18 | 6 | 1,504 | 41 | 390 | 2,469 |
| Total | 12,417 | 102,352 | 71,895 | 6,117 | 873 | 193,654 | 13,707 | 42,340 | 335,245 |
| Processing Gain(-) or Loss(+) | -722 | -8,976 | -6,264 | -45 | -37 | -16,044 | -860 | -4,616 | -28,662 |

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 865 | 79 | 944 | 4,258 | 378 | 704 | 5,340 |
| Natural Gas Liquids | 591 | 79 | 670 | 3,267 | 236 | 525 | 4,028 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 394 | 22 | 416 | 1,575 | 230 | 426 | 2,231 |
| Normal Butane | 225 | 66 | 291 | 1,813 | 61 | 120 | 1,994 |
| Isobutane | -28 | -9 | -37 | -121 | -55 | -21 | -197 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 274 | - | 274 | 991 | 142 | 179 | 1,312 |
| Ethylene | - | - | - | - | - | - | - |
| Propylene | 274 | - | 274 | 867 | 142 | 179 | 1,188 |
| Butylene | - | - | - | 124 | - | - | 124 |
| Isobutylene | - | - | - | - | - | - | - |
| Finished Motor Gasoline | 664 | 1,135 | 1,799 | 4,705 | 1,970 | 2,774 | 9,449 |
| Reformulated | 664 | - | 664 | - | - | 2 | 2 |
| Reformulated Blended with Fuel Ethanol | 664 | - | 664 | - | - | 2 | 2 |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,135 | 1,135 | 4,705 | 1,970 | 2,772 | 9,447 |
| Conventional Blended with Fuel Ethanol | - | 1,131 | 1,131 | 1,988 | 1,701 | 1,523 | 5,212 |
| Ed55 and Lower | - | 1,131 | 1,131 | 1,988 | 1,701 | 1,523 | 5,212 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 4 | 4 | 2,717 | 269 | 1,249 | 4,235 |
| Finished Aviation Gasoline | - | - | - | - | 22 | - | 22 |
| Kerosene-Type Jet Fuel | 3,113 | - | 3,113 | 6,882 | 903 | 1,030 | 8,815 |
| Kerosene | -84 | - | -84 | -5 | - | 7 | 2 |
| Distillate Fuel Oil | 6,375 | 777 | 7,152 | 17,410 | 3,961 | 8,494 | 29,865 |
| 15 ppm sulfur and under | 6,367 | 773 | 7,140 | 17,350 | 3,849 | 8,602 | 29,801 |
| Greater than 15 ppm to 500 ppm sulfur | 17 | - | 17 | - | - | -95 | -95 |
| Greater than 500 ppm sulfur | -9 | 4 | -5 | 60 | 112 | -13 | 159 |
| Residual Fuel Oil | 735 | 7 | 742 | 689 | 159 | 105 | 953 |
| Less than 0.31 percent sulfur | - | 6 | 6 | 57 | - | - | 57 |
| 0.31 to 1.00 percent sulfur | 408 | 1 | 409 | 270 | 75 | 10 | 355 |
| Greater than 1.00 percent sulfur | 327 | - | 327 | 362 | 84 | 95 | 541 |
| Petrochemical Feedstocks | - | 10 | 10 | 882 | - | - | 882 |
| Naphtha for Petro. Feed. Use | - | - | - | 531 | - | - | 531 |
| Other Oils for Petro. Feed. Use | - | 10 | 10 | 351 | - | - | 351 |
| Special Naphthas | - | 11 | 11 | -39 | - | 9 | -30 |
| Lubricants | 146 | 195 | 341 | - | - | 223 | 223 |
| Waxes | - | 4 | 4 | - | - | 33 | 33 |
| Petroleum Coke | 408 | 18 | 426 | 3,844 | 1,062 | 705 | 5,611 |
| Marketable | 57 | - | 57 | 2,862 | 909 | 516 | 4,287 |
| Catalyst | 351 | 18 | 369 | 982 | 153 | 189 | 1,324 |
| Asphalt and Road Oil | 551 | 672 | 1,223 | 2,755 | 1,272 | 358 | 4,385 |
| Still Gas | 840 | 57 | 897 | 2,704 | 528 | 922 | 4,154 |
| Miscellaneous Products | 16 | 18 | 34 | 312 | 91 | 37 | 440 |
| Total | 13,629 | 2,983 | 16,612 | 44,397 | 10,346 | 15,401 | 70,144 |
| Processing Gain(-) or Loss(+) | -1,092 | 58 | -1,034 | -4,423 | -1,253 | -981 | -6,657 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 882 | 8,586 | 5,684 | 81 | 19 | 15,252 | 457 | 2,205 | 24,198 |
| Natural Gas Liquids | 520 | 5,347 | 3,161 | 67 | 19 | 9,114 | 291 | 2,051 | 16,154 |
| Ethane | 3 | 122 | 31 | — | — | 156 | — | — | 156 |
| Propane | 261 | 2,417 | 2,072 | 11 | 18 | 4,779 | 199 | 955 | 8,580 |
| Normal Butane | 293 | 3,165 | 950 | 56 | 1 | 4,465 | 143 | 1,007 | 7,900 |
| Isobutane | -37 | -357 | 108 | — | — | -286 | -51 | 89 | -482 |
| Natural Gasoline | — | — | — | — | — | — | — | — | — |
| Refinery Olefins | 362 | 3,239 | 2,523 | 14 | — | 6,138 | 166 | 154 | 8,044 |
| Ethylene | — | 4 | — | — | — | 4 | — | — | 4 |
| Propylene | 364 | 3,420 | 2,348 | 14 | — | 6,146 | 33 | 187 | 7,828 |
| Butylene | -2 | -185 | 175 | — | — | -12 | 133 | -33 | 212 |
| Isobutylene | — | — | — | — | — | — | — | — | — |
| Finished Motor Gasoline | 2,243 | 13,767 | 6,652 | 441 | 78 | 23,181 | 3,938 | 2,697 | 41,064 |
| Reformulated | — | — | — | — | — | — | — | 652 | 1,318 |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | 652 | 1,318 |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 2,243 | 13,767 | 6,652 | 441 | 78 | 23,181 | 3,938 | 2,045 | 39,746 |
| Conventional Blended with Fuel Ethanol | 1,949 | 420 | 1,843 | 403 | 58 | 4,673 | 2,479 | 701 | 14,196 |
| Ed55 and Lower | 1,949 | 420 | 1,843 | 403 | 58 | 4,673 | 2,479 | 701 | 14,196 |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 294 | 13,347 | 4,809 | 38 | 20 | 18,508 | 1,459 | 1,344 | 25,550 |
| Finished Aviation Gasoline | 56 | 139 | 49 | — | — | 244 | 3 | -11 | 258 |
| Kerosene-Type Jet Fuel | 1,228 | 14,121 | 10,225 | 105 | — | 25,679 | 895 | 12,467 | 50,969 |
| Kerosene | 0 | 217 | 0 | 4 | — | 221 | — | -2 | 137 |
| Distillate Fuel Oil | 5,653 | 42,841 | 35,329 | 2,025 | 349 | 86,197 | 5,210 | 12,760 | 141,184 |
| 15 ppm sulfur and under | 5,590 | 40,651 | 31,810 | 1,991 | 349 | 80,391 | 5,227 | 12,224 | 134,783 |
| Greater than 15 ppm to 500 ppm sulfur | 63 | 1,268 | 2,277 | 83 | — | 3,691 | 8 | 166 | 3,787 |
| Greater than 500 ppm sulfur | — | 922 | 1,242 | -49 | — | 2,115 | -25 | 370 | 2,614 |
| Residual Fuel Oil | 201 | 2,776 | 1,936 | -22 | -13 | 4,878 | 308 | 1,750 | 8,631 |
| Less than 0.31 percent sulfur | 249 | — | 880 | — | — | 1,129 | 127 | 38 | 1,357 |
| 0.31 to 1.00 percent sulfur | 4 | 607 | 459 | -22 | — | 1,048 | 24 | 699 | 2,535 |
| Greater than 1.00 percent sulfur | -52 | 2,169 | 597 | — | -13 | 2,701 | 157 | 1,013 | 4,739 |
| Petrochemical Feedstocks | 42 | 3,589 | 2,809 | 19 | 46 | 6,505 | 43 | 140 | 7,580 |
| Naphtha for Petro. Feed. Use | 30 | 1,887 | 1,441 | 19 | — | 3,377 | — | — | 3,908 |
| Other Oils for Petro. Feed. Use | 12 | 1,702 | 1,368 | — | 46 | 3,128 | 43 | 140 | 3,672 |
| Special Naphthas | 39 | 574 | — | 215 | — | 828 | — | 36 | 845 |
| Lubricants | 23 | 1,675 | 1,146 | 828 | — | 3,672 | — | 411 | 4,647 |
| Waxes | — | 37 | 61 | 12 | — | 110 | — | — | 147 |
| Petroleum Coke | 470 | 7,549 | 5,271 | 136 | 18 | 13,444 | 649 | 3,799 | 23,929 |
| Marketable | 236 | 5,819 | 4,221 | 123 | — | 10,399 | 444 | 2,958 | 18,145 |
| Catalyst | 234 | 1,730 | 1,050 | 13 | 18 | 3,045 | 205 | 841 | 5,784 |
| Asphalt and Road Oil | 203 | 539 | 640 | 548 | 4 | 1,934 | 737 | 789 | 9,068 |
| Still Gas | 670 | 5,927 | 3,565 | 249 | 50 | 10,461 | 601 | 3,237 | 19,350 |
| Miscellaneous Products | 141 | 884 | 486 | 11 | 4 | 1,526 | 52 | 396 | 2,448 |
| Total | 11,851 | 103,221 | 73,853 | 4,652 | 555 | 194,132 | 12,893 | 40,674 | 334,455 |
| Processing Gain(-) or Loss(+) | -584 | -8,675 | -6,753 | -95 | -95 | -16,202 | -710 | -5,797 | -30,400 |

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 971 | 94 | 1,065 | 4,260 | 613 | 845 | 5,718 |
| Natural Gas Liquids | 720 | 94 | 814 | 3,109 | 491 | 595 | 4,195 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 409 | 28 | 437 | 1,534 | 265 | 493 | 2,292 |
| Normal Butane | 370 | 83 | 453 | 1,790 | 285 | 161 | 2,236 |
| Isobutane | -59 | -17 | -76 | -215 | -59 | -59 | -333 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 251 | - | 251 | 1,151 | 122 | 250 | 1,523 |
| Ethylene | 8 | - | 8 | - | - | - | - |
| Propylene | 271 | - | 271 | 828 | 122 | 229 | 1,179 |
| Butylene | -28 | - | -28 | 323 | - | 21 | 344 |
| Isobutylene | - | - | - | - | - | - | - |
| Finished Motor Gasoline | 645 | 1,124 | 1,769 | 5,032 | 2,116 | 2,733 | 9,881 |
| Reformulated | 645 | - | 645 | - | - | - | - |
| Reformulated Blended with Fuel Ethanol | 645 | - | 645 | - | - | - | - |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,124 | 1,124 | 5,032 | 2,116 | 2,733 | 9,881 |
| Conventional Blended with Fuel Ethanol | - | 1,089 | 1,089 | 2,064 | 1,703 | 1,525 | 5,292 |
| Ed55 and Lower | - | 1,089 | 1,089 | 2,064 | 1,703 | 1,525 | 5,292 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 35 | 35 | 2,968 | 413 | 1,208 | 4,589 |
| Finished Aviation Gasoline | - | - | - | - | 26 | - | 26 |
| Kerosene-Type Jet Fuel | 2,550 | - | 2,550 | 6,987 | 915 | 1,073 | 8,975 |
| Kerosene | 286 | - | 286 | 44 | - | 14 | 58 |
| Distillate Fuel Oil | 6,081 | 726 | 6,807 | 20,671 | 4,600 | 8,836 | 34,107 |
| 15 ppm sulfur and under | 6,119 | 724 | 6,843 | 20,657 | 4,425 | 8,719 | 33,801 |
| Greater than 15 ppm to 500 ppm sulfur | -15 | - | -15 | - | - | 113 | 113 |
| Greater than 500 ppm sulfur | -23 | 2 | -21 | 14 | 175 | 4 | 193 |
| Residual Fuel Oil | 673 | 5 | 678 | 756 | 171 | 109 | 1,036 |
| Less than 0.31 percent sulfur | - | 4 | 4 | 63 | - | - | 63 |
| 0.31 to 1.00 percent sulfur | 396 | 1 | 397 | 283 | 105 | 16 | 404 |
| Greater than 1.00 percent sulfur | 277 | - | 277 | 410 | 66 | 93 | 569 |
| Petrochemical Feedstocks | - | 11 | 11 | 872 | - | - | 872 |
| Naphtha for Petro. Feed. Use | - | - | - | 519 | - | - | 519 |
| Other Oils for Petro. Feed. Use | - | 11 | 11 | 353 | - | - | 353 |
| Special Naphthas | - | 16 | 16 | -44 | - | 14 | -30 |
| Lubricants | 191 | 147 | 338 | - | - | 228 | 228 |
| Waxes | - | -2 | -2 | - | - | 46 | 46 |
| Petroleum Coke | 386 | 21 | 407 | 3,830 | 265 | 841 | 4,936 |
| Marketable | 13 | - | 13 | 2,770 | 104 | 618 | 3,492 |
| Catalyst | 373 | 21 | 394 | 1,060 | 161 | 223 | 1,444 |
| Asphalt and Road Oil | 498 | 729 | 1,227 | 3,221 | 1,674 | 343 | 5,238 |
| Still Gas | 813 | 67 | 880 | 2,876 | 571 | 1,028 | 4,475 |
| Miscellaneous Products | 28 | 27 | 55 | 323 | 105 | 49 | 477 |
| Total | 13,122 | 2,965 | 16,087 | 48,828 | 11,056 | 16,159 | 76,043 |
| Processing Gain(-) or Loss(+) | -1,019 | 52 | -967 | -3,891 | -624 | -923 | -5,438 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 967 | 10,125 | 5,367 | 75 | 41 | 16,575 | 459 | 2,317 | 26,134 |
| Natural Gas Liquids | 636 | 6,423 | 3,010 | 46 | 41 | 10,156 | 316 | 2,200 | 17,681 |
| Ethane | 4 | 84 | 28 | — | — | 116 | — | — | 116 |
| Propane | 304 | 2,585 | 2,131 | 9 | 26 | 5,055 | 180 | 957 | 8,921 |
| Normal Butane | 347 | 3,671 | 784 | 37 | 15 | 4,854 | 153 | 1,169 | 8,865 |
| Isobutane | -19 | 83 | 67 | — | — | 131 | -17 | 74 | -221 |
| Natural Gasoline | — | — | — | — | — | — | — | — | — |
| Refinery Olefins | 331 | 3,702 | 2,357 | 29 | — | 6,419 | 143 | 117 | 8,453 |
| Ethylene | — | — | — | — | — | — | — | — | 8 |
| Propylene | 336 | 3,548 | 2,392 | 29 | — | 6,305 | 24 | 166 | 7,945 |
| Butylene | -5 | 154 | -35 | — | — | 114 | 119 | -49 | 500 |
| Isobutylene | — | — | — | — | — | — | — | — | — |
| Finished Motor Gasoline | 2,461 | 12,612 | 7,385 | 543 | 188 | 23,189 | 3,786 | 2,950 | 41,575 |
| Reformulated | — | — | — | — | — | — | — | 683 | 1,328 |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | 683 | 1,328 |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 2,461 | 12,612 | 7,385 | 543 | 188 | 23,189 | 3,786 | 2,267 | 40,247 |
| Conventional Blended with Fuel Ethanol | 2,085 | 500 | 1,934 | 533 | 84 | 5,136 | 2,474 | 726 | 14,717 |
| Ed55 and Lower | 2,085 | 500 | 1,934 | 533 | 84 | 5,136 | 2,474 | 726 | 14,717 |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 376 | 12,112 | 5,451 | 10 | 104 | 18,053 | 1,312 | 1,541 | 25,530 |
| Finished Aviation Gasoline | 42 | 113 | 107 | — | — | 262 | 7 | 8 | 303 |
| Kerosene-Type Jet Fuel | 1,391 | 15,034 | 10,697 | 148 | — | 27,270 | 910 | 12,611 | 52,316 |
| Kerosene | -2 | 277 | 0 | 7 | — | 282 | — | 0 | 626 |
| Distillate Fuel Oil | 5,629 | 47,164 | 35,528 | 2,646 | 910 | 91,877 | 5,335 | 14,093 | 152,219 |
| 15 ppm sulfur and under | 5,700 | 45,028 | 32,459 | 2,566 | 910 | 86,663 | 5,311 | 13,133 | 145,751 |
| Greater than 15 ppm to 500 ppm sulfur | -71 | 1,636 | 2,374 | 66 | — | 4,005 | 24 | 505 | 4,632 |
| Greater than 500 ppm sulfur | — | 500 | 695 | 14 | — | 1,209 | 0 | 455 | 1,836 |
| Residual Fuel Oil | 236 | 2,440 | 1,468 | -28 | -9 | 4,107 | 312 | 2,406 | 8,539 |
| Less than 0.31 percent sulfur | 245 | — | 696 | — | — | 941 | 165 | 52 | 1,225 |
| 0.31 to 1.00 percent sulfur | 3 | 578 | 399 | -28 | — | 952 | 10 | 784 | 2,547 |
| Greater than 1.00 percent sulfur | -12 | 1,862 | 373 | — | -9 | 2,214 | 137 | 1,570 | 4,767 |
| Petrochemical Feedstocks | 57 | 3,304 | 2,717 | — | 44 | 6,122 | 49 | 164 | 7,218 |
| Naphtha for Petro. Feed. Use | 50 | 2,123 | 1,330 | — | — | 3,503 | — | — | 4,022 |
| Other Oils for Petro. Feed. Use | 7 | 1,181 | 1,387 | — | 44 | 2,619 | 49 | 164 | 3,196 |
| Special Naphthas | 36 | 564 | — | 247 | — | 847 | — | 46 | 879 |
| Lubricants | 0 | 1,766 | 1,565 | 879 | — | 4,210 | — | 282 | 5,058 |
| Waxes | — | 31 | 62 | 22 | — | 115 | — | — | 159 |
| Petroleum Coke | 386 | 8,742 | 5,711 | 171 | 20 | 15,030 | 625 | 3,974 | 24,972 |
| Marketable | 164 | 7,060 | 4,616 | 156 | — | 11,996 | 424 | 3,049 | 18,974 |
| Catalyst | 222 | 1,682 | 1,095 | 15 | 20 | 3,034 | 201 | 925 | 5,998 |
| Asphalt and Road Oil | 249 | 397 | 644 | 973 | 76 | 2,339 | 998 | 904 | 10,706 |
| Still Gas | 686 | 6,487 | 3,840 | 318 | 65 | 11,396 | 582 | 3,666 | 20,999 |
| Miscellaneous Products | 132 | 1,126 | 513 | 18 | 8 | 1,797 | 43 | 377 | 2,749 |
| Total | 12,270 | 110,182 | 75,604 | 6,019 | 1,343 | 205,418 | 13,106 | 43,798 | 354,452 |
| Processing Gain(-) or Loss(+) | -630 | -10,414 | -7,045 | 69 | -93 | -18,113 | -493 | -4,022 | -29,033 |

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 792 | 81 | 873 | 4,837 | 581 | 856 | 6,274 |
| Natural Gas Liquids | 650 | 81 | 731 | 3,886 | 440 | 595 | 4,921 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 311 | 23 | 334 | 1,445 | 255 | 486 | 2,186 |
| Normal Butane | 312 | 78 | 390 | 2,661 | 260 | 148 | 3,069 |
| Isobutane | 27 | -20 | 7 | -220 | -75 | -39 | -334 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 142 | - | 142 | 951 | 141 | 261 | 1,353 |
| Ethylene | 10 | - | 10 | - | - | - | - |
| Propylene | 132 | - | 132 | 777 | 141 | 262 | 1,180 |
| Butylene | -2 | - | -2 | 174 | - | -1 | 173 |
| Isobutylene | 2 | - | 2 | - | - | - | - |
| Finished Motor Gasoline | 647 | 1,078 | 1,725 | 4,815 | 2,261 | 3,022 | 10,098 |
| Reformulated | 647 | - | 647 | - | - | - | - |
| Reformulated Blended with Fuel Ethanol | 647 | - | 647 | - | - | - | - |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,078 | 1,078 | 4,815 | 2,261 | 3,022 | 10,098 |
| Conventional Blended with Fuel Ethanol | - | 1,051 | 1,051 | 1,952 | 1,881 | 1,509 | 5,342 |
| Ed55 and Lower | - | 1,051 | 1,051 | 1,952 | 1,881 | 1,509 | 5,342 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 27 | 27 | 2,863 | 380 | 1,513 | 4,756 |
| Finished Aviation Gasoline | - | - | - | - | 35 | - | 35 |
| Kerosene-Type Jet Fuel | 2,355 | - | 2,355 | 6,834 | 890 | 956 | 8,680 |
| Kerosene | 146 | - | 146 | -3 | - | -24 | -27 |
| Distillate Fuel Oil | 4,844 | 782 | 5,626 | 20,996 | 4,410 | 10,454 | 35,860 |
| 15 ppm sulfur and under | 5,004 | 779 | 5,783 | 20,862 | 4,313 | 10,539 | 35,714 |
| Greater than 15 ppm to 500 ppm sulfur | -18 | - | -18 | - | - | -105 | -105 |
| Greater than 500 ppm sulfur | -142 | 3 | -139 | 134 | 97 | 20 | 251 |
| Residual Fuel Oil | 767 | 4 | 771 | 741 | 224 | 149 | 1,114 |
| Less than 0.31 percent sulfur | - | 3 | 3 | 64 | - | - | 64 |
| 0.31 to 1.00 percent sulfur | 523 | 1 | 524 | 293 | 137 | 40 | 470 |
| Greater than 1.00 percent sulfur | 244 | - | 244 | 384 | 87 | 109 | 580 |
| Petrochemical Feedstocks | - | 10 | 10 | 894 | - | - | 894 |
| Naphtha for Petro. Feed. Use | - | - | - | 520 | - | - | 520 |
| Other Oils for Petro. Feed. Use | - | 10 | 10 | 374 | - | - | 374 |
| Special Naphthas | - | 9 | 9 | -47 | - | 14 | -33 |
| Lubricants | 170 | 200 | 370 | - | - | 176 | 176 |
| Waxes | - | 18 | 18 | - | - | 43 | 43 |
| Petroleum Coke | 508 | 18 | 526 | 3,748 | 924 | 868 | 5,540 |
| Marketable | 220 | - | 220 | 2,749 | 757 | 627 | 4,133 |
| Catalyst | 288 | 18 | 306 | 999 | 167 | 241 | 1,407 |
| Asphalt and Road Oil | 498 | 674 | 1,172 | 3,547 | 1,772 | 456 | 5,775 |
| Still Gas | 801 | 60 | 861 | 2,906 | 594 | 1,037 | 4,537 |
| Miscellaneous Products | 45 | 15 | 60 | 296 | 109 | 50 | 455 |
| Total | 11,573 | 2,949 | 14,522 | 49,564 | 11,800 | 18,057 | 79,421 |
| Processing Gain(-) or Loss(+) | -826 | 55 | -771 | -4,725 | -1,301 | -1,259 | -7,285 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 1,010 | 8,881 | 5,296 | 61 | 42 | 15,290 | 468 | 2,506 | 25,411 |
| Natural Gas Liquids | 677 | 5,729 | 3,122 | 40 | 42 | 9,610 | 348 | 2,241 | 17,851 |
| Ethane | 4 | 107 | 23 | — | — | 134 | — | — | 134 |
| Propane | 276 | 2,397 | 2,026 | 6 | 20 | 4,725 | 234 | 1,026 | 8,505 |
| Normal Butane | 382 | 3,589 | 946 | 34 | 22 | 4,973 | 154 | 1,080 | 9,666 |
| Isobutane | 15 | -364 | 127 | — | — | -222 | -40 | 135 | -454 |
| Natural Gasoline | — | — | — | — | — | — | — | — | — |
| Refinery Olefins | 333 | 3,152 | 2,174 | 21 | — | 5,680 | 120 | 265 | 7,560 |
| Ethylene | — | 3 | — | — | — | 3 | — | — | 13 |
| Propylene | 335 | 3,369 | 2,243 | 21 | — | 5,968 | 32 | 245 | 7,557 |
| Butylene | -2 | -220 | -69 | — | — | -291 | 88 | 20 | -12 |
| Isobutylene | — | — | — | — | — | — | — | — | 2 |
| Finished Motor Gasoline | 2,432 | 13,183 | 7,281 | 587 | 151 | 23,634 | 4,213 | 2,628 | 42,298 |
| Reformulated | — | — | — | — | — | — | — | 628 | 1,275 |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | 628 | 1,275 |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 2,432 | 13,183 | 7,281 | 587 | 151 | 23,634 | 4,213 | 2,000 | 41,023 |
| Conventional Blended with Fuel Ethanol | 2,040 | 483 | 1,915 | 541 | 70 | 5,049 | 2,210 | 744 | 14,396 |
| Ed55 and Lower | 2,040 | 483 | 1,915 | 541 | 70 | 5,049 | 2,210 | 744 | 14,396 |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 392 | 12,700 | 5,366 | 46 | 81 | 18,585 | 2,003 | 1,256 | 26,627 |
| Finished Aviation Gasoline | 46 | 1 | 144 | — | — | 191 | 7 | 115 | 348 |
| Kerosene-Type Jet Fuel | 1,495 | 15,797 | 9,735 | 99 | — | 27,126 | 909 | 14,080 | 53,150 |
| Kerosene | -16 | 234 | 0 | 1 | — | 219 | — | 2 | 340 |
| Distillate Fuel Oil | 5,162 | 45,874 | 32,460 | 2,335 | 781 | 86,612 | 6,474 | 13,777 | 148,349 |
| 15 ppm sulfur and under | 5,114 | 45,189 | 29,928 | 2,198 | 781 | 83,210 | 6,455 | 13,381 | 144,543 |
| Greater than 15 ppm to 500 ppm sulfur | 48 | 267 | 1,898 | 57 | — | 2,270 | -6 | 231 | 2,372 |
| Greater than 500 ppm sulfur | — | 418 | 634 | 80 | — | 1,132 | 25 | 165 | 1,434 |
| Residual Fuel Oil | 304 | 1,426 | 834 | 22 | 92 | 2,678 | 338 | 1,995 | 6,896 |
| Less than 0.31 percent sulfur | 223 | — | 81 | — | — | 304 | 171 | 47 | 589 |
| 0.31 to 1.00 percent sulfur | -5 | 606 | 231 | 22 | — | 854 | 21 | 567 | 2,436 |
| Greater than 1.00 percent sulfur | 86 | 820 | 522 | — | 92 | 1,520 | 146 | 1,381 | 3,871 |
| Petrochemical Feedstocks | 125 | 2,497 | 2,964 | — | 50 | 5,636 | 28 | 21 | 6,589 |
| Naphtha for Petro. Feed. Use | 114 | 1,425 | 1,342 | — | — | 2,881 | — | — | 3,401 |
| Other Oils for Petro. Feed. Use | 11 | 1,072 | 1,622 | — | 50 | 2,755 | 28 | 21 | 3,188 |
| Special Naphthas | 45 | 512 | — | 32 | — | 589 | — | 9 | 574 |
| Lubricants | 7 | 1,696 | 1,015 | 694 | — | 3,412 | — | 236 | 4,194 |
| Waxes | — | 44 | 56 | 23 | — | 123 | — | — | 184 |
| Petroleum Coke | 291 | 8,348 | 5,351 | 183 | 21 | 14,194 | 710 | 4,206 | 25,176 |
| Marketable | 86 | 6,573 | 4,311 | 170 | — | 11,140 | 489 | 3,259 | 19,241 |
| Catalyst | 205 | 1,775 | 1,040 | 13 | 21 | 3,054 | 221 | 947 | 5,935 |
| Asphalt and Road Oil | 237 | 381 | 450 | 834 | -2 | 1,900 | 1,128 | 873 | 10,848 |
| Still Gas | 716 | 6,207 | 3,714 | 299 | 64 | 11,000 | 664 | 3,816 | 20,878 |
| Miscellaneous Products | 120 | 1,064 | 480 | 18 | 7 | 1,689 | 63 | 396 | 2,663 |
| Total | 11,974 | 106,145 | 69,780 | 5,188 | 1,206 | 194,293 | 15,002 | 44,660 | 347,898 |
| Processing Gain(-) or Loss(+) | -554 | -9,941 | -7,164 | 25 | -51 | -17,685 | -673 | -5,255 | -31,669 |

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 676 | 76 | 752 | 4,480 | 597 | 817 | 5,894 |
| Natural Gas Liquids | 588 | 76 | 664 | 3,679 | 446 | 632 | 4,757 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 318 | 32 | 350 | 1,786 | 266 | 523 | 2,575 |
| Normal Butane | 284 | 73 | 357 | 2,106 | 224 | 161 | 2,491 |
| Isobutane | -14 | -29 | -43 | -213 | -44 | -52 | -309 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 88 | - | 88 | 801 | 151 | 185 | 1,137 |
| Ethylene | 1 | - | 1 | - | - | - | - |
| Propylene | 88 | - | 88 | 670 | 151 | 201 | 1,022 |
| Butylene | -2 | - | -2 | 131 | - | -16 | 115 |
| Isobutylene | 1 | - | 1 | - | - | - | - |
| Finished Motor Gasoline | 677 | 1,186 | 1,863 | 4,251 | 2,084 | 3,420 | 9,755 |
| Reformulated | 677 | - | 677 | - | - | - | - |
| Reformulated Blended with Fuel Ethanol | 677 | - | 677 | - | - | - | - |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,186 | 1,186 | 4,251 | 2,084 | 3,420 | 9,755 |
| Conventional Blended with Fuel Ethanol | - | 1,143 | 1,143 | 1,843 | 1,706 | 1,555 | 5,104 |
| Ed55 and Lower | - | 1,143 | 1,143 | 1,843 | 1,706 | 1,555 | 5,104 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 43 | 43 | 2,408 | 378 | 1,865 | 4,651 |
| Finished Aviation Gasoline | - | - | - | - | 55 | - | 55 |
| Kerosene-Type Jet Fuel | 2,644 | - | 2,644 | 6,677 | 1,143 | 1,062 | 8,882 |
| Kerosene | 235 | - | 235 | 110 | - | 37 | 147 |
| Distillate Fuel Oil | 4,904 | 813 | 5,717 | 20,712 | 5,611 | 10,839 | 37,162 |
| 15 ppm sulfur and under | 4,984 | 810 | 5,794 | 20,789 | 5,566 | 10,901 | 37,256 |
| Greater than 15 ppm to 500 ppm sulfur | 6 | - | 6 | - | - | -37 | -37 |
| Greater than 500 ppm sulfur | -86 | 3 | -83 | -77 | 45 | -25 | -57 |
| Residual Fuel Oil | 949 | 7 | 956 | 669 | 186 | 154 | 1,009 |
| Less than 0.31 percent sulfur | - | 6 | 6 | 56 | - | - | 56 |
| 0.31 to 1.00 percent sulfur | 659 | 1 | 660 | 235 | 85 | 39 | 359 |
| Greater than 1.00 percent sulfur | 290 | - | 290 | 378 | 101 | 115 | 594 |
| Petrochemical Feedstocks | - | 12 | 12 | 883 | - | - | 883 |
| Naphtha for Petro. Feed. Use | - | - | - | 485 | - | - | 485 |
| Other Oils for Petro. Feed. Use | - | 12 | 12 | 398 | - | - | 398 |
| Special Naphthas | - | 14 | 14 | -47 | - | 14 | -33 |
| Lubricants | 100 | 215 | 315 | - | - | 219 | 219 |
| Waxes | - | 14 | 14 | - | - | 21 | 21 |
| Petroleum Coke | 485 | 21 | 506 | 4,054 | 1,216 | 839 | 6,109 |
| Marketable | 198 | - | 198 | 3,037 | 1,043 | 579 | 4,659 |
| Catalyst | 287 | 21 | 308 | 1,017 | 173 | 260 | 1,450 |
| Asphalt and Road Oil | 485 | 749 | 1,234 | 3,149 | 1,596 | 426 | 5,171 |
| Still Gas | 828 | 69 | 897 | 3,181 | 642 | 1,079 | 4,902 |
| Miscellaneous Products | 47 | 23 | 70 | 329 | 125 | 56 | 510 |
| Total | 12,030 | 3,199 | 15,229 | 48,448 | 13,255 | 18,983 | 80,686 |
| Processing Gain(-) or Loss(+) | -673 | 42 | -631 | -4,536 | -1,429 | -1,140 | -7,105 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 988 | 9,116 | 5,730 | 86 | 37 | 15,957 | 471 | 2,015 | 25,089 |
| Natural Gas Liquids | 604 | 5,787 | 3,495 | 53 | 37 | 9,976 | 386 | 1,804 | 17,587 |
| Ethane | 3 | 198 | 25 | — | — | 226 | — | — | 226 |
| Propane | 272 | 2,390 | 2,127 | 7 | 21 | 4,817 | 251 | 977 | 8,970 |
| Normal Butane | 315 | 3,658 | 1,225 | 46 | 16 | 5,260 | 169 | 785 | 9,062 |
| Isobutane | 14 | -459 | 118 | — | — | -327 | -34 | 42 | -671 |
| Natural Gasoline | — | — | — | — | — | — | — | — | — |
| Refinery Olefins | 384 | 3,329 | 2,235 | 33 | — | 5,981 | 85 | 211 | 7,502 |
| Ethylene | — | 11 | — | — | — | 11 | — | — | 12 |
| Propylene | 382 | 3,662 | 2,395 | 33 | — | 6,472 | 20 | 298 | 7,900 |
| Butylene | 2 | -344 | -160 | — | — | -502 | 65 | -87 | -411 |
| Isobutylene | — | — | — | — | — | — | — | — | 1 |
| Finished Motor Gasoline | 2,587 | 14,252 | 7,390 | 557 | 163 | 24,949 | 4,858 | 2,771 | 44,196 |
| Reformulated | — | — | — | — | — | — | — | 622 | 1,299 |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | 622 | 1,299 |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 2,587 | 14,252 | 7,390 | 557 | 163 | 24,949 | 4,858 | 2,149 | 42,897 |
| Conventional Blended with Fuel Ethanol | 2,032 | 501 | 1,954 | 541 | 66 | 5,094 | 2,866 | 626 | 14,833 |
| Ed55 and Lower | 2,032 | 501 | 1,954 | 541 | 66 | 5,094 | 2,866 | 626 | 14,833 |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 555 | 13,751 | 5,436 | 16 | 97 | 19,855 | 1,992 | 1,523 | 28,064 |
| Finished Aviation Gasoline | 86 | 87 | 187 | — | — | 360 | 7 | -11 | 411 |
| Kerosene-Type Jet Fuel | 1,580 | 15,779 | 10,288 | 178 | — | 27,825 | 1,106 | 14,620 | 55,077 |
| Kerosene | 2 | 167 | 0 | 1 | — | 170 | — | 0 | 552 |
| Distillate Fuel Oil | 6,590 | 46,652 | 34,587 | 2,827 | 910 | 91,566 | 6,230 | 12,677 | 153,352 |
| 15 ppm sulfur and under | 6,653 | 46,313 | 31,141 | 2,740 | 910 | 87,757 | 6,297 | 12,167 | 149,271 |
| Greater than 15 ppm to 500 ppm sulfur | -63 | -19 | 2,528 | 44 | — | 2,490 | -43 | 247 | 2,663 |
| Greater than 500 ppm sulfur | — | 358 | 918 | 43 | — | 1,319 | -24 | 263 | 1,418 |
| Residual Fuel Oil | 252 | 2,327 | 893 | -14 | 45 | 3,503 | 351 | 2,380 | 8,199 |
| Less than 0.31 percent sulfur | 254 | — | — | — | — | 254 | 195 | 58 | 569 |
| 0.31 to 1.00 percent sulfur | -2 | 753 | 184 | -14 | — | 921 | 29 | 658 | 2,627 |
| Greater than 1.00 percent sulfur | 0 | 1,574 | 709 | — | 45 | 2,328 | 127 | 1,664 | 5,003 |
| Petrochemical Feedstocks | 125 | 2,577 | 2,820 | — | 46 | 5,568 | 78 | 191 | 6,732 |
| Naphtha for Petro. Feed. Use | 124 | 1,667 | 1,535 | — | — | 3,326 | — | — | 3,811 |
| Other Oils for Petro. Feed. Use | 1 | 910 | 1,285 | — | 46 | 2,242 | 78 | 191 | 2,921 |
| Special Naphthas | 76 | 650 | — | 215 | — | 941 | — | 33 | 955 |
| Lubricants | 16 | 1,628 | 1,535 | 813 | — | 3,992 | — | 244 | 4,770 |
| Waxes | — | 43 | 63 | 20 | — | 126 | — | — | 161 |
| Petroleum Coke | 444 | 9,207 | 5,009 | 172 | 19 | 14,851 | 744 | 3,942 | 26,152 |
| Marketable | 204 | 7,276 | 3,959 | 156 | — | 11,595 | 524 | 2,967 | 19,943 |
| Catalyst | 240 | 1,931 | 1,050 | 16 | 19 | 3,256 | 220 | 975 | 6,209 |
| Asphalt and Road Oil | 231 | 499 | 654 | 1,097 | 38 | 2,519 | 1,086 | 952 | 10,962 |
| Still Gas | 900 | 6,580 | 3,825 | 368 | 73 | 11,746 | 690 | 3,693 | 21,928 |
| Miscellaneous Products | 133 | 1,087 | 519 | 19 | 9 | 1,767 | 65 | 398 | 2,810 |
| Total | 14,010 | 110,651 | 73,500 | 6,339 | 1,340 | 205,840 | 15,686 | 43,905 | 361,346 |
| Processing Gain(-) or Loss(+) | -773 | -10,996 | -6,890 | -326 | -40 | -19,025 | -826 | -4,785 | -32,372 |

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 1,087 | 64 | 1,151 | 4,754 | 561 | 757 | 6,072 |
| Natural Gas Liquids | 734 | 64 | 798 | 3,536 | 449 | 556 | 4,541 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 448 | 24 | 472 | 1,681 | 264 | 460 | 2,405 |
| Normal Butane | 302 | 65 | 367 | 2,041 | 243 | 157 | 2,441 |
| Isobutane | -16 | -25 | -41 | -186 | -58 | -61 | -305 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 353 | - | 353 | 1,218 | 112 | 201 | 1,531 |
| Ethylene | 22 | - | 22 | - | - | - | - |
| Propylene | 306 | - | 306 | 964 | 112 | 201 | 1,277 |
| Butylene | - | - | - | 254 | - | - | 254 |
| Isobutylene | 25 | - | 25 | - | - | - | - |
| Finished Motor Gasoline | 678 | 1,125 | 1,803 | 4,862 | 2,118 | 2,992 | 9,972 |
| Reformulated | 678 | - | 678 | - | - | - | - |
| Reformulated Blended with Fuel Ethanol | 678 | - | 678 | - | - | - | - |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,125 | 1,125 | 4,862 | 2,118 | 2,992 | 9,972 |
| Conventional Blended with Fuel Ethanol | - | 1,121 | 1,121 | 2,076 | 1,763 | 1,592 | 5,431 |
| Ed55 and Lower | - | 1,121 | 1,121 | 2,076 | 1,763 | 1,592 | 5,431 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 4 | 4 | 2,786 | 355 | 1,400 | 4,541 |
| Finished Aviation Gasoline | - | - | - | - | - | - | - |
| Kerosene-Type Jet Fuel | 3,017 | - | 3,017 | 7,414 | 1,150 | 1,154 | 9,718 |
| Kerosene | 262 | 5 | 267 | -11 | - | 18 | 7 |
| Distillate Fuel Oil | 6,239 | 811 | 7,050 | 21,945 | 5,527 | 10,402 | 37,874 |
| 15 ppm sulfur and under | 6,360 | 807 | 7,167 | 21,902 | 5,621 | 10,275 | 37,798 |
| Greater than 15 ppm to 500 ppm sulfur | -4 | - | -4 | - | - | 115 | 115 |
| Greater than 500 ppm sulfur | -117 | 4 | -113 | 43 | -94 | 12 | -39 |
| Residual Fuel Oil | 775 | 4 | 779 | 745 | 104 | 130 | 979 |
| Less than 0.31 percent sulfur | - | 3 | 3 | 67 | - | - | 67 |
| 0.31 to 1.00 percent sulfur | 543 | 1 | 544 | 114 | 93 | 33 | 240 |
| Greater than 1.00 percent sulfur | 232 | - | 232 | 564 | 11 | 97 | 672 |
| Petrochemical Feedstocks | - | 16 | 16 | 964 | - | - | 964 |
| Naphtha for Petro. Feed. Use | - | - | - | 603 | - | - | 603 |
| Other Oils for Petro. Feed. Use | - | 16 | 16 | 361 | - | - | 361 |
| Special Naphthas | - | 13 | 13 | -38 | - | 13 | -25 |
| Lubricants | 175 | 188 | 363 | - | - | 216 | 216 |
| Waxes | - | -21 | -21 | - | - | 36 | 36 |
| Petroleum Coke | 637 | 21 | 658 | 4,084 | 696 | 985 | 5,765 |
| Marketable | 206 | - | 206 | 3,017 | 525 | 754 | 4,296 |
| Catalyst | 431 | 21 | 452 | 1,067 | 171 | 231 | 1,469 |
| Asphalt and Road Oil | 594 | 724 | 1,318 | 3,820 | 1,767 | 370 | 5,957 |
| Still Gas | 857 | 66 | 923 | 3,183 | 664 | 1,072 | 4,919 |
| Miscellaneous Products | 43 | 28 | 71 | 340 | 123 | 50 | 513 |
| Total | 14,364 | 3,044 | 17,408 | 52,062 | 12,710 | 18,195 | 82,967 |
| Processing Gain(-) or Loss(+) | -1,027 | 58 | -969 | -5,027 | -893 | -1,731 | -7,651 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 1,122 | 8,847 | 5,662 | 82 | 35 | 15,748 | 547 | 2,082 | 25,600 |
| Natural Gas Liquids | 745 | 5,796 | 3,336 | 44 | 35 | 9,956 | 471 | 1,932 | 17,698 |
| Ethane | 5 | 139 | 22 | — | — | 166 | — | — | 166 |
| Propane | 299 | 2,409 | 2,074 | 10 | 23 | 4,815 | 264 | 960 | 8,916 |
| Normal Butane | 394 | 3,696 | 1,141 | 34 | 12 | 5,277 | 212 | 840 | 9,137 |
| Isobutane | 47 | -448 | 99 | — | — | -302 | -5 | 132 | -521 |
| Natural Gasoline | — | — | — | — | — | — | — | — | — |
| Refinery Olefins | 377 | 3,051 | 2,326 | 38 | — | 5,792 | 76 | 150 | 7,902 |
| Ethylene | — | 8 | — | — | — | 8 | — | — | 30 |
| Propylene | 336 | 3,455 | 2,331 | 38 | — | 6,160 | 24 | 132 | 7,899 |
| Butylene | 41 | -412 | -5 | — | — | -376 | 52 | 18 | -52 |
| Isobutylene | — | — | — | — | — | — | — | — | 25 |
| Finished Motor Gasoline | 2,462 | 12,376 | 6,304 | 621 | 168 | 21,931 | 4,639 | 2,932 | 41,277 |
| Reformulated | — | — | — | — | — | — | — | 662 | 1,340 |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | 662 | 1,340 |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 2,462 | 12,376 | 6,304 | 621 | 168 | 21,931 | 4,639 | 2,270 | 39,937 |
| Conventional Blended with Fuel Ethanol | 1,998 | 430 | 1,977 | 560 | 76 | 5,041 | 2,986 | 792 | 15,371 |
| Ed55 and Lower | 1,998 | 430 | 1,977 | 560 | 76 | 5,041 | 2,986 | 792 | 15,371 |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 464 | 11,946 | 4,327 | 61 | 92 | 16,890 | 1,653 | 1,478 | 24,566 |
| Finished Aviation Gasoline | 83 | 100 | 169 | — | — | 352 | 9 | 50 | 411 |
| Kerosene-Type Jet Fuel | 1,498 | 16,306 | 9,886 | 150 | — | 27,840 | 1,213 | 14,615 | 56,403 |
| Kerosene | 25 | 160 | 0 | 7 | — | 192 | 1 | 0 | 467 |
| Distillate Fuel Oil | 6,299 | 45,127 | 34,051 | 2,887 | 1,029 | 89,393 | 6,284 | 13,922 | 154,523 |
| 15 ppm sulfur and under | 6,289 | 44,306 | 30,662 | 2,752 | 1,029 | 85,038 | 6,272 | 13,118 | 149,393 |
| Greater than 15 ppm to 500 ppm sulfur | 10 | 247 | 2,621 | 84 | — | 2,962 | -6 | 351 | 3,418 |
| Greater than 500 ppm sulfur | — | 574 | 768 | 51 | — | 1,393 | 18 | 453 | 1,712 |
| Residual Fuel Oil | 145 | 1,973 | 1,268 | -44 | 70 | 3,412 | 363 | 2,830 | 8,363 |
| Less than 0.31 percent sulfur | 242 | — | 135 | — | — | 377 | 201 | 47 | 695 |
| 0.31 to 1.00 percent sulfur | -32 | 829 | 273 | -44 | — | 1,026 | 31 | 676 | 2,517 |
| Greater than 1.00 percent sulfur | -65 | 1,144 | 860 | — | 70 | 2,009 | 131 | 2,107 | 5,151 |
| Petrochemical Feedstocks | 141 | 2,886 | 2,479 | — | 35 | 5,541 | 28 | 95 | 6,644 |
| Naphtha for Petro. Feed. Use | 135 | 1,897 | 1,390 | — | — | 3,422 | — | — | 4,025 |
| Other Oils for Petro. Feed. Use | 6 | 989 | 1,089 | — | 35 | 2,119 | 28 | 95 | 2,619 |
| Special Naphthas | 76 | 670 | — | 231 | — | 977 | — | 25 | 990 |
| Lubricants | 14 | 1,640 | 1,757 | 566 | — | 3,977 | — | 223 | 4,779 |
| Waxes | — | 41 | 63 | 9 | — | 113 | — | — | 128 |
| Petroleum Coke | 402 | 8,661 | 5,352 | 179 | 19 | 14,613 | 735 | 3,948 | 25,719 |
| Marketable | 178 | 6,818 | 4,265 | 163 | — | 11,424 | 517 | 2,986 | 19,429 |
| Catalyst | 224 | 1,843 | 1,087 | 16 | 19 | 3,189 | 218 | 962 | 6,290 |
| Asphalt and Road Oil | 177 | 535 | 402 | 1,021 | 63 | 2,198 | 1,136 | 941 | 11,550 |
| Still Gas | 752 | 6,388 | 3,898 | 364 | 71 | 11,473 | 680 | 3,819 | 21,814 |
| Miscellaneous Products | 107 | 1,025 | 490 | 18 | 8 | 1,648 | 71 | 388 | 2,691 |
| Total | 13,303 | 106,735 | 71,781 | 6,091 | 1,498 | 199,408 | 15,706 | 45,870 | 361,359 |
| Processing Gain(-) or Loss(+) | -698 | -10,912 | -6,984 | 85 | -155 | -18,664 | -826 | -5,229 | -33,339 |

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 411 | 26 | 437 | 2,609 | 98 | 551 | 3,258 |
| Natural Gas Liquids | 101 | 26 | 127 | 1,592 | -26 | 401 | 1,967 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 369 | 24 | 393 | 1,559 | 194 | 396 | 2,149 |
| Normal Butane | -210 | 19 | -191 | 269 | -145 | 82 | 206 |
| Isobutane | -58 | -17 | -75 | -236 | -75 | -77 | -388 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 310 | - | 310 | 1,017 | 124 | 150 | 1,291 |
| Ethylene | 13 | - | 13 | - | - | - | - |
| Propylene | 279 | - | 279 | 881 | 124 | 118 | 1,123 |
| Butylene | 1 | - | 1 | 136 | - | 32 | 168 |
| Isobutylene | 17 | - | 17 | - | - | - | - |
| Finished Motor Gasoline | 641 | 1,076 | 1,717 | 4,928 | 1,929 | 2,629 | 9,486 |
| Reformulated | 641 | - | 641 | - | - | - | - |
| Reformulated Blended with Fuel Ethanol | 641 | - | 641 | - | - | - | - |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,076 | 1,076 | 4,928 | 1,929 | 2,629 | 9,486 |
| Conventional Blended with Fuel Ethanol | - | 1,067 | 1,067 | 1,885 | 1,644 | 1,481 | 5,010 |
| Ed55 and Lower | - | 1,067 | 1,067 | 1,885 | 1,644 | 1,481 | 5,010 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 9 | 9 | 3,043 | 285 | 1,148 | 4,476 |
| Finished Aviation Gasoline | - | - | - | - | 1 | - | 1 |
| Kerosene-Type Jet Fuel | 2,237 | - | 2,237 | 6,896 | 817 | 708 | 8,421 |
| Kerosene | -10 | 2 | -8 | 121 | - | -16 | 105 |
| Distillate Fuel Oil | 5,892 | 758 | 6,650 | 21,521 | 4,064 | 8,713 | 34,298 |
| 15 ppm sulfur and under | 6,061 | 754 | 6,815 | 21,574 | 4,089 | 8,782 | 34,445 |
| Greater than 15 ppm to 500 ppm sulfur | -4 | - | -4 | - | - | -72 | -72 |
| Greater than 500 ppm sulfur | -165 | 4 | -161 | -53 | -25 | 3 | -75 |
| Residual Fuel Oil | 664 | 3 | 667 | 717 | 113 | 140 | 970 |
| Less than 0.31 percent sulfur | - | 2 | 2 | 81 | - | - | 81 |
| 0.31 to 1.00 percent sulfur | 552 | 1 | 553 | 222 | 67 | 26 | 315 |
| Greater than 1.00 percent sulfur | 112 | - | 112 | 414 | 46 | 114 | 574 |
| Petrochemical Feedstocks | - | 17 | 17 | 843 | - | - | 843 |
| Naphtha for Petro. Feed. Use | - | - | - | 498 | - | - | 498 |
| Other Oils for Petro. Feed. Use | - | 17 | 17 | 345 | - | - | 345 |
| Special Naphthas | - | 18 | 18 | -40 | - | 12 | -28 |
| Lubricants | 185 | 172 | 357 | - | - | 121 | 121 |
| Waxes | - | -20 | -20 | - | - | 25 | 25 |
| Petroleum Coke | 614 | 19 | 633 | 4,141 | 566 | 808 | 5,515 |
| Marketable | 236 | - | 236 | 3,040 | 412 | 587 | 4,039 |
| Catalyst | 378 | 19 | 397 | 1,101 | 154 | 221 | 1,476 |
| Asphalt and Road Oil | 412 | 712 | 1,124 | 2,928 | 1,660 | 370 | 4,958 |
| Still Gas | 742 | 52 | 794 | 2,966 | 470 | 822 | 4,258 |
| Miscellaneous Products | 50 | 7 | 57 | 341 | 65 | 54 | 460 |
| Total | 11,838 | 2,842 | 14,680 | 47,971 | 9,783 | 14,937 | 72,691 |
| Processing Gain(-) or Loss(+) | -895 | 38 | -857 | -4,900 | -867 | -1,028 | -6,795 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 830 | 7,084 | 4,707 | 48 | 28 | 12,697 | 349 | 1,645 | 18,386 |
| Natural Gas Liquids | 512 | 4,347 | 2,387 | 18 | 28 | 7,292 | 208 | 1,534 | 11,128 |
| Ethane | 6 | 124 | 36 | — | — | 166 | — | — | 166 |
| Propane | 265 | 2,438 | 1,784 | 14 | 25 | 4,526 | 231 | 924 | 8,223 |
| Normal Butane | 251 | 2,246 | 443 | 4 | 3 | 2,947 | -33 | 540 | 3,469 |
| Isobutane | -10 | -461 | 124 | — | — | -347 | 10 | 70 | -730 |
| Natural Gasoline | — | — | — | — | — | — | — | — | — |
| Refinery Olefins | 318 | 2,737 | 2,320 | 30 | — | 5,405 | 141 | 111 | 7,258 |
| Ethylene | — | 4 | — | — | — | 4 | — | — | 17 |
| Propylene | 324 | 3,077 | 2,340 | 30 | — | 5,771 | 27 | 161 | 7,361 |
| Butylene | -6 | -344 | -20 | — | — | -370 | 114 | -50 | -137 |
| Isobutylene | — | — | — | — | — | — | — | — | 17 |
| Finished Motor Gasoline | 2,431 | 13,705 | 6,257 | 646 | 165 | 23,204 | 4,826 | 2,408 | 41,641 |
| Reformulated | — | — | — | — | — | — | — | 580 | 1,221 |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | 580 | 1,221 |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 2,431 | 13,705 | 6,257 | 646 | 165 | 23,204 | 4,826 | 1,828 | 40,420 |
| Conventional Blended with Fuel Ethanol | 1,943 | 420 | 1,881 | 602 | 73 | 4,919 | 2,821 | 745 | 14,562 |
| Ed55 and Lower | 1,943 | 420 | 1,881 | 602 | 73 | 4,919 | 2,821 | 745 | 14,562 |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 488 | 13,285 | 4,376 | 44 | 92 | 18,285 | 2,005 | 1,083 | 25,858 |
| Finished Aviation Gasoline | 99 | 54 | 160 | — | — | 313 | 3 | 46 | 363 |
| Kerosene-Type Jet Fuel | 1,507 | 14,866 | 10,583 | 140 | — | 27,096 | 1,024 | 13,618 | 52,396 |
| Kerosene | -17 | 392 | 0 | 12 | — | 387 | — | -2 | 482 |
| Distillate Fuel Oil | 5,818 | 45,267 | 29,011 | 2,901 | 1,033 | 84,030 | 6,708 | 14,253 | 145,939 |
| 15 ppm sulfur and under | 5,837 | 44,559 | 25,322 | 2,764 | 1,033 | 79,515 | 6,725 | 13,505 | 141,005 |
| Greater than 15 ppm to 500 ppm sulfur | -19 | 269 | 2,253 | 53 | — | 2,556 | -7 | 350 | 2,823 |
| Greater than 500 ppm sulfur | — | 439 | 1,436 | 84 | — | 1,959 | -10 | 398 | 2,111 |
| Residual Fuel Oil | 272 | 1,609 | 1,732 | -25 | -7 | 3,581 | 412 | 2,238 | 7,868 |
| Less than 0.31 percent sulfur | 248 | — | 563 | — | — | 811 | 198 | 53 | 1,145 |
| 0.31 to 1.00 percent sulfur | -2 | 722 | 226 | -25 | — | 921 | 38 | 610 | 2,437 |
| Greater than 1.00 percent sulfur | 26 | 887 | 943 | — | -7 | 1,849 | 176 | 1,575 | 4,286 |
| Petrochemical Feedstocks | 113 | 2,823 | 2,262 | — | 49 | 5,247 | 55 | 82 | 6,244 |
| Naphtha for Petro. Feed. Use | 103 | 2,228 | 1,434 | — | — | 3,765 | — | — | 4,263 |
| Other Oils for Petro. Feed. Use | 10 | 595 | 828 | — | 49 | 1,482 | 55 | 82 | 1,981 |
| Special Naphthas | 85 | 555 | — | 199 | — | 839 | — | 14 | 843 |
| Lubricants | 15 | 1,138 | 1,583 | 838 | — | 3,574 | — | 419 | 4,471 |
| Waxes | — | 19 | 57 | 19 | — | 95 | — | — | 100 |
| Petroleum Coke | 430 | 8,657 | 5,015 | 164 | 21 | 14,287 | 662 | 3,898 | 24,995 |
| Marketable | 208 | 7,021 | 3,866 | 147 | — | 11,242 | 439 | 2,966 | 18,922 |
| Catalyst | 222 | 1,636 | 1,149 | 17 | 21 | 3,045 | 223 | 932 | 6,073 |
| Asphalt and Road Oil | 179 | 393 | 343 | 1,058 | 46 | 2,019 | 1,174 | 874 | 10,149 |
| Still Gas | 660 | 6,058 | 3,672 | 334 | 72 | 10,796 | 681 | 3,685 | 20,214 |
| Miscellaneous Products | 132 | 972 | 453 | 18 | 9 | 1,584 | 59 | 371 | 2,531 |
| Total | 12,554 | 103,592 | 65,835 | 6,352 | 1,416 | 189,749 | 15,953 | 43,549 | 336,622 |
| Processing Gain(-) or Loss(+) | -668 | -10,890 | -6,992 | -134 | -66 | -18,750 | -753 | -5,127 | -32,282 |

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 543 | 13 | 556 | 908 | -170 | 365 | 1,103 |
| Natural Gas Liquids | 233 | 13 | 246 | 144 | -312 | 222 | 54 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 306 | 25 | 331 | 1,588 | 224 | 421 | 2,233 |
| Normal Butane | -129 | 2 | -127 | -1,255 | -534 | -159 | -1,948 |
| Isobutane | 56 | -14 | 42 | -189 | -2 | -40 | -231 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 310 | - | 310 | 764 | 142 | 143 | 1,049 |
| Ethylene | 11 | - | 11 | - | - | - | - |
| Propylene | 288 | - | 288 | 721 | 142 | 140 | 1,003 |
| Butylene | -13 | - | -13 | 43 | - | 3 | 46 |
| Isobutylene | 24 | - | 24 | - | - | - | - |
| Finished Motor Gasoline | 687 | 1,268 | 1,955 | 4,736 | 2,121 | 2,769 | 9,626 |
| Reformulated | 687 | - | 687 | - | - | 1 | 1 |
| Reformulated Blended with Fuel Ethanol | 687 | - | 687 | - | - | 1 | 1 |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,268 | 1,268 | 4,736 | 2,121 | 2,768 | 9,625 |
| Conventional Blended with Fuel Ethanol | - | 1,255 | 1,255 | 1,991 | 1,774 | 1,563 | 5,328 |
| Ed55 and Lower | - | 1,255 | 1,255 | 1,991 | 1,774 | 1,563 | 5,328 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 13 | 13 | 2,745 | 347 | 1,205 | 4,297 |
| Finished Aviation Gasoline | - | - | - | - | - | - | - |
| Kerosene-Type Jet Fuel | 1,653 | - | 1,653 | 6,496 | 903 | 770 | 8,169 |
| Kerosene | 62 | 3 | 65 | -24 | - | -20 | -44 |
| Distillate Fuel Oil | 4,832 | 809 | 5,641 | 20,153 | 3,920 | 9,575 | 33,648 |
| 15 ppm sulfur and under | 4,914 | 807 | 5,721 | 20,188 | 3,918 | 9,554 | 33,660 |
| Greater than 15 ppm to 500 ppm sulfur | 16 | - | 16 | - | - | 78 | 78 |
| Greater than 500 ppm sulfur | -98 | 2 | -96 | -35 | 2 | -57 | -90 |
| Residual Fuel Oil | 627 | 5 | 632 | 629 | 157 | 168 | 954 |
| Less than 0.31 percent sulfur | - | 4 | 4 | 39 | - | - | 39 |
| 0.31 to 1.00 percent sulfur | 626 | 1 | 627 | 180 | 64 | 36 | 280 |
| Greater than 1.00 percent sulfur | 1 | - | 1 | 410 | 93 | 132 | 635 |
| Petrochemical Feedstocks | - | 16 | 16 | 873 | - | - | 873 |
| Naphtha for Petro. Feed. Use | - | - | - | 536 | - | - | 536 |
| Other Oils for Petro. Feed. Use | - | 16 | 16 | 337 | - | - | 337 |
| Special Naphthas | - | 12 | 12 | -24 | - | 10 | -14 |
| Lubricants | 184 | 215 | 399 | - | - | -3 | -3 |
| Waxes | - | -3 | -3 | - | - | -2 | -2 |
| Petroleum Coke | 599 | 19 | 618 | 4,058 | 955 | 790 | 5,803 |
| Marketable | 246 | - | 246 | 2,994 | 807 | 570 | 4,371 |
| Catalyst | 353 | 19 | 372 | 1,064 | 148 | 220 | 1,432 |
| Asphalt and Road Oil | 494 | 726 | 1,220 | 2,879 | 1,524 | 327 | 4,730 |
| Still Gas | 632 | 56 | 688 | 2,906 | 486 | 901 | 4,293 |
| Miscellaneous Products | 45 | 16 | 61 | 333 | 60 | 61 | 454 |
| Total | 10,358 | 3,155 | 13,513 | 43,923 | 9,956 | 15,711 | 69,590 |
| Processing Gain(-) or Loss(+) | -1,013 | 53 | -960 | -4,905 | -1,232 | -876 | -7,013 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 439 | 5,578 | 5,089 | 12 | 9 | 11,127 | 245 | -174 | 12,857 |
| Natural Gas Liquids | 144 | 3,066 | 2,607 | -9 | 9 | 5,817 | 139 | -278 | 5,978 |
| Ethane | 2 | 156 | 317 | - | - | 475 | - | - | 475 |
| Propane | 258 | 2,575 | 1,854 | 19 | 28 | 4,734 | 239 | 801 | 8,338 |
| Normal Butane | -73 | 754 | 142 | -28 | -19 | 776 | -61 | -1,031 | -2,391 |
| Isobutane | -43 | -419 | 294 | - | - | -168 | -39 | -48 | -444 |
| Natural Gasoline | - | - | - | - | - | - | - | - | - |
| Refinery Olefins | 295 | 2,512 | 2,482 | 21 | - | 5,310 | 106 | 104 | 6,879 |
| Ethylene | - | 55 | 71 | - | - | 126 | - | - | 137 |
| Propylene | 297 | 3,040 | 2,417 | 21 | - | 5,775 | 18 | 162 | 7,246 |
| Butylene | -2 | -583 | -7 | - | - | -592 | 88 | -58 | -529 |
| Isobutylene | - | - | 1 | - | - | 1 | - | - | 25 |
| Finished Motor Gasoline | 2,262 | 13,083 | 7,470 | 739 | 220 | 23,774 | 5,071 | 2,634 | 43,060 |
| Reformulated | - | - | - | - | - | - | - | 688 | 1,376 |
| Reformulated Blended with Fuel Ethanol | - | - | - | - | - | - | - | 688 | 1,376 |
| Reformulated Other | - | - | - | - | - | - | - | - | - |
| Conventional | 2,262 | 13,083 | 7,470 | 739 | 220 | 23,774 | 5,071 | 1,946 | 41,684 |
| Conventional Blended with Fuel Ethanol | 1,967 | 415 | 1,971 | 628 | 68 | 5,049 | 3,057 | 702 | 15,391 |
| Ed55 and Lower | 1,967 | 415 | 1,971 | 628 | 68 | 5,049 | 3,057 | 702 | 15,391 |
| Greater than Ed55 | - | - | - | - | - | - | - | - | - |
| Conventional Other | 295 | 12,668 | 5,499 | 111 | 152 | 18,725 | 2,014 | 1,244 | 26,293 |
| Finished Aviation Gasoline | 76 | 117 | 217 | - | - | 410 | 7 | 33 | 450 |
| Kerosene-Type Jet Fuel | 1,377 | 14,091 | 10,836 | 159 | - | 26,463 | 1,078 | 12,609 | 49,972 |
| Kerosene | -9 | 234 | 0 | 19 | - | 244 | - | 1 | 266 |
| Distillate Fuel Oil | 4,481 | 47,389 | 29,922 | 2,816 | 1,071 | 85,679 | 6,939 | 13,889 | 145,796 |
| 15 ppm sulfur and under | 4,475 | 46,371 | 25,578 | 2,764 | 1,071 | 80,259 | 6,999 | 13,274 | 139,913 |
| Greater than 15 ppm to 500 ppm sulfur | 6 | 268 | 2,545 | 70 | - | 2,889 | -35 | 251 | 3,199 |
| Greater than 500 ppm sulfur | - | 750 | 1,799 | -18 | - | 2,531 | -25 | 364 | 2,684 |
| Residual Fuel Oil | 386 | 1,769 | 1,506 | -23 | 45 | 3,683 | 367 | 2,524 | 8,160 |
| Less than 0.31 percent sulfur | 254 | - | 625 | - | - | 879 | 208 | 51 | 1,181 |
| 0.31 to 1.00 percent sulfur | -12 | 661 | 310 | -23 | - | 936 | 32 | 660 | 2,535 |
| Greater than 1.00 percent sulfur | 144 | 1,108 | 571 | - | 45 | 1,868 | 127 | 1,813 | 4,444 |
| Petrochemical Feedstocks | 68 | 2,901 | 2,158 | - | 41 | 5,168 | 28 | 131 | 6,216 |
| Naphtha for Petro. Feed. Use | 65 | 1,882 | 1,306 | - | - | 3,253 | - | - | 3,789 |
| Other Oils for Petro. Feed. Use | 3 | 1,019 | 852 | - | 41 | 1,915 | 28 | 131 | 2,427 |
| Special Naphthas | 13 | 687 | - | 239 | - | 939 | - | 18 | 955 |
| Lubricants | 2 | 1,157 | 1,691 | 818 | - | 3,668 | - | 339 | 4,403 |
| Waxes | - | 44 | 62 | 22 | - | 128 | - | - | 123 |
| Petroleum Coke | 228 | 8,044 | 4,940 | 173 | 20 | 13,405 | 650 | 3,335 | 23,811 |
| Marketable | 30 | 6,434 | 3,917 | 156 | - | 10,537 | 422 | 2,529 | 18,105 |
| Catalyst | 198 | 1,610 | 1,023 | 17 | 20 | 2,868 | 228 | 806 | 5,706 |
| Asphalt and Road Oil | 280 | 291 | 648 | 1,121 | 51 | 2,391 | 1,201 | 844 | 10,386 |
| Still Gas | 501 | 5,497 | 3,509 | 324 | 71 | 9,902 | 686 | 3,254 | 18,823 |
| Miscellaneous Products | 105 | 1,042 | 479 | 19 | 8 | 1,653 | 86 | 347 | 2,601 |
| Total | 10,209 | 101,924 | 68,527 | 6,438 | 1,536 | 188,634 | 16,358 | 39,784 | 327,879 |
| Processing Gain(-) or Loss(+) | -558 | -10,022 | -7,964 | -258 | -29 | -18,831 | -989 | -4,296 | -32,089 |

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 509 | -4 | 505 | 337 | -369 | 163 | 131 |
| Natural Gas Liquids | 151 | -4 | 147 | -331 | -516 | -18 | -865 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 363 | 23 | 386 | 1,299 | 274 | 504 | 2,077 |
| Normal Butane | -216 | -12 | -228 | -1,428 | -765 | -496 | -2,689 |
| Isobutane | 4 | -15 | -11 | -202 | -25 | -26 | -253 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 358 | - | 358 | 668 | 147 | 181 | 996 |
| Ethylene | 22 | - | 22 | - | - | - | - |
| Propylene | 328 | - | 328 | 664 | 147 | 179 | 990 |
| Butylene | -1 | - | -1 | 4 | - | 2 | 6 |
| Isobutylene | 9 | - | 9 | - | - | - | - |
| Finished Motor Gasoline | 673 | 1,271 | 1,944 | 4,482 | 1,974 | 2,880 | 9,336 |
| Reformulated | 673 | - | 673 | - | - | 3 | 3 |
| Reformulated Blended with Fuel Ethanol | 673 | - | 673 | - | - | 3 | 3 |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,271 | 1,271 | 4,482 | 1,974 | 2,877 | 9,333 |
| Conventional Blended with Fuel Ethanol | - | 1,251 | 1,251 | 1,838 | 1,642 | 1,443 | 4,923 |
| Ed55 and Lower | - | 1,251 | 1,251 | 1,838 | 1,642 | 1,443 | 4,923 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 20 | 20 | 2,644 | 332 | 1,434 | 4,410 |
| Finished Aviation Gasoline | - | - | - | - | - | - | - |
| Kerosene-Type Jet Fuel | 2,222 | - | 2,222 | 6,718 | 894 | 986 | 8,598 |
| Kerosene | 144 | 4 | 148 | 66 | - | 115 | 181 |
| Distillate Fuel Oil | 6,097 | 809 | 6,906 | 19,016 | 5,562 | 10,828 | 35,406 |
| 15 ppm sulfur and under | 6,115 | 806 | 6,921 | 19,007 | 5,529 | 10,803 | 35,339 |
| Greater than 15 ppm to 500 ppm sulfur | 72 | - | 72 | - | - | - | - |
| Greater than 500 ppm sulfur | -90 | 3 | -87 | 9 | 33 | 25 | 67 |
| Residual Fuel Oil | 1,024 | 1 | 1,025 | 680 | 218 | 184 | 1,082 |
| Less than 0.31 percent sulfur | 185 | 1 | 186 | 74 | - | - | 74 |
| 0.31 to 1.00 percent sulfur | 662 | - | 662 | 181 | 97 | 33 | 311 |
| Greater than 1.00 percent sulfur | 177 | - | 177 | 425 | 121 | 151 | 697 |
| Petrochemical Feedstocks | - | 16 | 16 | 731 | - | - | 731 |
| Naphtha for Petro. Feed. Use | - | - | - | 439 | - | - | 439 |
| Other Oils for Petro. Feed. Use | - | 16 | 16 | 292 | - | - | 292 |
| Special Naphthas | - | -2 | -2 | -52 | - | 9 | -43 |
| Lubricants | 201 | 198 | 399 | - | - | 118 | 118 |
| Waxes | - | -10 | -10 | - | - | 14 | 14 |
| Petroleum Coke | 632 | 18 | 650 | 3,996 | 839 | 997 | 5,832 |
| Marketable | 252 | - | 252 | 3,038 | 682 | 743 | 4,463 |
| Catalyst | 380 | 18 | 398 | 958 | 157 | 254 | 1,369 |
| Asphalt and Road Oil | 330 | 668 | 998 | 2,872 | 1,639 | 315 | 4,826 |
| Still Gas | 757 | 50 | 807 | 2,808 | 607 | 1,107 | 4,522 |
| Miscellaneous Products | 46 | 17 | 63 | 325 | 91 | 60 | 476 |
| Total | 12,635 | 3,036 | 15,671 | 41,979 | 11,455 | 17,776 | 71,210 |
| Processing Gain(-) or Loss(+) | -1,021 | 41 | -980 | -5,165 | -1,187 | -1,341 | -7,693 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 336 | 4,848 | 4,632 | -30 | 11 | 9,797 | 139 | -577 | 9,995 |
| Natural Gas Liquids | -9 | 1,989 | 1,451 | -52 | 11 | 3,390 | 45 | -750 | 1,967 |
| Ethane | 1 | 208 | 133 | - | - | 342 | - | - | 342 |
| Propane | 265 | 2,605 | 1,452 | 17 | 30 | 4,369 | 236 | 792 | 7,860 |
| Normal Butane | -220 | -468 | -147 | -69 | -19 | -923 | -225 | -1,605 | -5,670 |
| Isobutane | -55 | -356 | 13 | - | - | -398 | 34 | 63 | -565 |
| Natural Gasoline | - | - | - | - | - | - | - | - | - |
| Refinery Olefins | 345 | 2,859 | 3,181 | 22 | - | 6,407 | 94 | 173 | 8,028 |
| Ethylene | - | 87 | 100 | - | - | 187 | - | - | 209 |
| Propylene | 350 | 3,253 | 3,067 | 22 | - | 6,692 | 23 | 159 | 8,192 |
| Butylene | -5 | -481 | 13 | - | - | -473 | 71 | 14 | -383 |
| Isobutylene | - | - | 1 | - | - | 1 | - | - | 10 |
| Finished Motor Gasoline | 2,127 | 14,080 | 8,402 | 712 | 98 | 25,419 | 4,920 | 2,831 | 44,450 |
| Reformulated | 30 | - | - | - | - | 30 | - | 598 | 1,304 |
| Reformulated Blended with Fuel Ethanol | 30 | - | - | - | - | 30 | - | 598 | 1,304 |
| Reformulated Other | - | - | - | - | - | - | - | - | - |
| Conventional | 2,097 | 14,080 | 8,402 | 712 | 98 | 25,389 | 4,920 | 2,233 | 43,146 |
| Conventional Blended with Fuel Ethanol | 1,923 | 394 | 1,812 | 616 | 68 | 4,813 | 2,936 | 640 | 14,563 |
| Ed55 and Lower | 1,923 | 394 | 1,812 | 616 | 68 | 4,813 | 2,936 | 640 | 14,563 |
| Greater than Ed55 | - | - | - | - | - | - | - | - | - |
| Conventional Other | 174 | 13,686 | 6,590 | 96 | 30 | 20,576 | 1,984 | 1,593 | 28,583 |
| Finished Aviation Gasoline | 81 | 69 | 65 | - | - | 215 | 3 | -1 | 217 |
| Kerosene-Type Jet Fuel | 1,167 | 14,742 | 10,656 | 133 | - | 26,698 | 937 | 12,528 | 50,983 |
| Kerosene | 14 | 300 | 0 | 16 | - | 330 | 1 | 0 | 660 |
| Distillate Fuel Oil | 4,701 | 47,849 | 33,732 | 2,573 | 1,043 | 89,898 | 6,562 | 13,285 | 152,057 |
| 15 ppm sulfur and under | 4,702 | 46,837 | 30,340 | 2,504 | 1,043 | 85,426 | 6,528 | 12,362 | 146,576 |
| Greater than 15 ppm to 500 ppm sulfur | -1 | 253 | 2,306 | 73 | - | 2,631 | -6 | 282 | 2,979 |
| Greater than 500 ppm sulfur | - | 759 | 1,086 | -4 | - | 1,841 | 40 | 641 | 2,502 |
| Residual Fuel Oil | 251 | 1,636 | 1,572 | -29 | 11 | 3,441 | 364 | 2,831 | 8,743 |
| Less than 0.31 percent sulfur | 252 | - | 637 | - | - | 889 | 223 | 53 | 1,425 |
| 0.31 to 1.00 percent sulfur | -1 | 527 | 359 | -29 | - | 856 | 20 | 561 | 2,410 |
| Greater than 1.00 percent sulfur | 0 | 1,109 | 576 | - | 11 | 1,696 | 121 | 2,217 | 4,908 |
| Petrochemical Feedstocks | 85 | 3,661 | 2,067 | - | 38 | 5,851 | 25 | 53 | 6,676 |
| Naphtha for Petro. Feed. Use | 78 | 2,768 | 1,253 | - | - | 4,099 | - | - | 4,538 |
| Other Oils for Petro. Feed. Use | 7 | 893 | 814 | - | 38 | 1,752 | 25 | 53 | 2,138 |
| Special Naphthas | 23 | 746 | - | 230 | - | 999 | - | 18 | 972 |
| Lubricants | 13 | 1,388 | 1,378 | 790 | - | 3,569 | - | 202 | 4,288 |
| Waxes | - | 44 | 58 | 26 | - | 128 | - | - | 132 |
| Petroleum Coke | 212 | 8,419 | 5,464 | 118 | 23 | 14,236 | 681 | 3,255 | 24,654 |
| Marketable | 34 | 6,660 | 4,398 | 101 | - | 11,193 | 465 | 2,449 | 18,822 |
| Catalyst | 178 | 1,759 | 1,066 | 17 | 23 | 3,043 | 216 | 806 | 5,832 |
| Asphalt and Road Oil | 210 | 258 | 358 | 959 | 50 | 1,835 | 859 | 555 | 9,073 |
| Still Gas | 498 | 5,457 | 3,610 | 304 | 78 | 9,947 | 639 | 3,272 | 19,187 |
| Miscellaneous Products | 116 | 1,013 | 503 | 15 | 9 | 1,656 | 65 | 342 | 2,602 |
| Total | 9,834 | 104,510 | 72,497 | 5,817 | 1,361 | 194,019 | 15,195 | 38,594 | 334,689 |
| Processing Gain(-) or Loss(+) | -384 | -10,661 | -7,078 | 83 | -101 | -18,141 | -789 | -4,162 | -31,765 |

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels)

| Commodity | PAD District 1 - East Coast | | | PAD District 2 - Midwest | | | |
|--|-----------------------------|-------------------|---------------|-----------------------------|--|----------------------------|---------------|
| | East Coast | Appalachian No. 1 | Total | Indiana, Illinois, Kentucky | Minnesota, Wisconsin, North and South Dakota | Oklahoma, Kansas, Missouri | Total |
| Hydrocarbon Gas Liquids | 300 | -7 | 293 | 510 | -374 | 32 | 168 |
| Natural Gas Liquids | -8 | -7 | -15 | -338 | -558 | -185 | -1,081 |
| Ethane | - | - | - | - | - | - | - |
| Propane | 440 | 26 | 466 | 1,513 | 275 | 513 | 2,301 |
| Normal Butane | -417 | -14 | -431 | -1,720 | -800 | -733 | -3,253 |
| Isobutane | -31 | -19 | -50 | -131 | -33 | 35 | -129 |
| Natural Gasoline | - | - | - | - | - | - | - |
| Refinery Olefins | 308 | - | 308 | 848 | 184 | 217 | 1,249 |
| Ethylene | 4 | - | 4 | - | - | - | - |
| Propylene | 293 | - | 293 | 777 | 184 | 220 | 1,181 |
| Butylene | - | - | - | 71 | - | -3 | 68 |
| Isobutylene | 11 | - | 11 | - | - | - | - |
| Finished Motor Gasoline | 655 | 1,142 | 1,797 | 4,145 | 2,071 | 2,671 | 8,887 |
| Reformulated | 655 | - | 655 | - | - | 5 | 5 |
| Reformulated Blended with Fuel Ethanol | 655 | - | 655 | - | - | 5 | 5 |
| Reformulated Other | - | - | - | - | - | - | - |
| Conventional | - | 1,142 | 1,142 | 4,145 | 2,071 | 2,666 | 8,882 |
| Conventional Blended with Fuel Ethanol | - | 1,104 | 1,104 | 1,854 | 1,691 | 1,485 | 5,030 |
| Ed55 and Lower | - | 1,104 | 1,104 | 1,854 | 1,691 | 1,485 | 5,030 |
| Greater than Ed55 | - | - | - | - | - | - | - |
| Conventional Other | - | 38 | 38 | 2,291 | 380 | 1,181 | 3,852 |
| Finished Aviation Gasoline | - | - | - | - | - | - | - |
| Kerosene-Type Jet Fuel | 2,978 | - | 2,978 | 7,407 | 968 | 943 | 9,318 |
| Kerosene | 73 | 2 | 75 | 119 | - | 93 | 212 |
| Distillate Fuel Oil | 6,441 | 815 | 7,256 | 22,221 | 5,706 | 10,941 | 38,868 |
| 15 ppm sulfur and under | 6,448 | 813 | 7,261 | 22,291 | 5,707 | 11,053 | 39,051 |
| Greater than 15 ppm to 500 ppm sulfur | 168 | - | 168 | - | - | -97 | -97 |
| Greater than 500 ppm sulfur | -175 | 2 | -173 | -70 | -1 | -15 | -86 |
| Residual Fuel Oil | 1,149 | 1 | 1,150 | 665 | 209 | 169 | 1,043 |
| Less than 0.31 percent sulfur | 409 | - | 409 | 34 | - | - | 34 |
| 0.31 to 1.00 percent sulfur | 555 | 1 | 556 | 216 | 116 | 28 | 360 |
| Greater than 1.00 percent sulfur | 185 | - | 185 | 415 | 93 | 141 | 649 |
| Petrochemical Feedstocks | - | 16 | 16 | 882 | - | - | 882 |
| Naphtha for Petro. Feed. Use | - | - | - | 534 | - | - | 534 |
| Other Oils for Petro. Feed. Use | - | 16 | 16 | 348 | - | - | 348 |
| Special Naphthas | - | -2 | -2 | -22 | - | 13 | -9 |
| Lubricants | 162 | 197 | 359 | - | - | 256 | 256 |
| Waxes | - | -8 | -8 | - | - | 58 | 58 |
| Petroleum Coke | 696 | 19 | 715 | 4,217 | 907 | 997 | 6,121 |
| Marketable | 257 | - | 257 | 3,147 | 740 | 730 | 4,617 |
| Catalyst | 439 | 19 | 458 | 1,070 | 167 | 267 | 1,504 |
| Asphalt and Road Oil | 298 | 684 | 982 | 2,547 | 1,485 | 303 | 4,335 |
| Still Gas | 889 | 53 | 942 | 2,918 | 633 | 1,036 | 4,587 |
| Miscellaneous Products | 48 | 23 | 71 | 353 | 124 | 61 | 538 |
| Total | 13,689 | 2,935 | 16,624 | 45,962 | 11,729 | 17,573 | 75,264 |
| Processing Gain(-) or Loss(+) | -1,303 | 49 | -1,254 | -5,084 | -1,218 | -1,318 | -7,620 |

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2023
(Thousand Barrels) — Continued

| Commodity | PAD District 3 - Gulf Coast | | | | | | PAD District 4 - Rocky Mountain | PAD District 5 - West Coast | U.S. Total |
|--|-----------------------------|------------------|----------------------|---------------------------|--------------|----------------|---------------------------------|-----------------------------|----------------|
| | Texas Inland | Texas Gulf Coast | Louisiana Gulf Coast | North Louisiana, Arkansas | New Mexico | Total | | | |
| Hydrocarbon Gas Liquids | 243 | 5,816 | 4,512 | -22 | 3 | 10,552 | 17 | -327 | 10,703 |
| Natural Gas Liquids | -60 | 2,303 | 1,669 | -44 | 3 | 3,871 | -40 | -532 | 2,203 |
| Ethane | 3 | 212 | 111 | - | - | 326 | - | - | 326 |
| Propane | 327 | 2,781 | 1,786 | 20 | 29 | 4,943 | 223 | 853 | 8,786 |
| Normal Butane | -366 | -358 | -273 | -64 | -26 | -1,087 | -259 | -1,441 | -6,471 |
| Isobutane | -24 | -332 | 45 | - | - | -311 | -4 | 56 | -438 |
| Natural Gasoline | - | - | - | - | - | - | - | - | - |
| Refinery Olefins | 303 | 3,513 | 2,843 | 22 | - | 6,681 | 57 | 205 | 8,500 |
| Ethylene | - | 88 | 99 | - | - | 187 | - | - | 191 |
| Propylene | 308 | 3,664 | 2,858 | 22 | - | 6,852 | 8 | 214 | 8,548 |
| Butylene | -5 | -240 | -115 | - | - | -360 | 49 | -9 | -252 |
| Isobutylene | - | 1 | 1 | - | - | 2 | - | - | 13 |
| Finished Motor Gasoline | 2,324 | 17,473 | 9,427 | 736 | 184 | 30,144 | 4,568 | 2,484 | 47,880 |
| Reformulated | 38 | - | - | - | - | 38 | - | 518 | 1,216 |
| Reformulated Blended with Fuel Ethanol | 38 | - | - | - | - | 38 | - | 518 | 1,216 |
| Reformulated Other | - | - | - | - | - | - | - | - | - |
| Conventional | 2,286 | 17,473 | 9,427 | 736 | 184 | 30,106 | 4,568 | 1,966 | 46,664 |
| Conventional Blended with Fuel Ethanol | 1,898 | 403 | 1,753 | 647 | 64 | 4,765 | 2,461 | 650 | 14,010 |
| Ed55 and Lower | 1,898 | 403 | 1,753 | 647 | 64 | 4,765 | 2,461 | 650 | 14,010 |
| Greater than Ed55 | - | - | - | - | - | - | - | - | - |
| Conventional Other | 388 | 17,070 | 7,674 | 89 | 120 | 25,341 | 2,107 | 1,316 | 32,654 |
| Finished Aviation Gasoline | 102 | 136 | 102 | - | - | 340 | 6 | 82 | 428 |
| Kerosene-Type Jet Fuel | 1,435 | 16,424 | 11,001 | 148 | - | 29,008 | 967 | 14,329 | 56,600 |
| Kerosene | 3 | 422 | 0 | 23 | - | 448 | - | 2 | 737 |
| Distillate Fuel Oil | 6,103 | 49,510 | 36,005 | 2,902 | 884 | 95,404 | 6,309 | 13,734 | 161,571 |
| 15 ppm sulfur and under | 6,104 | 48,741 | 31,827 | 2,780 | 884 | 90,336 | 6,272 | 12,681 | 155,601 |
| Greater than 15 ppm to 500 ppm sulfur | -1 | 278 | 2,916 | 82 | - | 3,275 | 18 | 449 | 3,813 |
| Greater than 500 ppm sulfur | - | 491 | 1,262 | 40 | - | 1,793 | 19 | 604 | 2,157 |
| Residual Fuel Oil | 307 | 2,166 | 1,552 | -25 | 52 | 4,052 | 339 | 2,368 | 8,952 |
| Less than 0.31 percent sulfur | 225 | - | 675 | - | - | 900 | 230 | 42 | 1,615 |
| 0.31 to 1.00 percent sulfur | -4 | 829 | 359 | -25 | - | 1,159 | 15 | 920 | 3,010 |
| Greater than 1.00 percent sulfur | 86 | 1,337 | 518 | - | 52 | 1,993 | 94 | 1,406 | 4,327 |
| Petrochemical Feedstocks | 109 | 3,951 | 1,806 | - | 34 | 5,900 | 31 | 69 | 6,898 |
| Naphtha for Petro. Feed. Use | 102 | 2,858 | 917 | - | - | 3,877 | - | - | 4,411 |
| Other Oils for Petro. Feed. Use | 7 | 1,093 | 889 | - | 34 | 2,023 | 31 | 69 | 2,487 |
| Special Naphthas | 70 | 598 | - | 238 | - | 906 | - | 20 | 915 |
| Lubricants | 15 | 1,572 | 1,565 | 907 | - | 4,059 | - | 360 | 5,034 |
| Waxes | - | 50 | 56 | 31 | - | 137 | - | - | 187 |
| Petroleum Coke | 322 | 8,152 | 5,643 | 181 | 24 | 14,322 | 693 | 3,685 | 25,536 |
| Marketable | 116 | 6,199 | 4,600 | 164 | - | 11,079 | 477 | 2,780 | 19,210 |
| Catalyst | 206 | 1,953 | 1,043 | 17 | 24 | 3,243 | 216 | 905 | 6,326 |
| Asphalt and Road Oil | 231 | 364 | 223 | 943 | 16 | 1,777 | 858 | 668 | 8,620 |
| Still Gas | 651 | 5,828 | 3,565 | 384 | 78 | 10,506 | 651 | 3,542 | 20,228 |
| Miscellaneous Products | 128 | 983 | 520 | 20 | 6 | 1,657 | 54 | 389 | 2,709 |
| Total | 12,043 | 113,445 | 75,977 | 6,466 | 1,281 | 209,212 | 14,493 | 41,405 | 356,998 |
| Processing Gain(-) or Loss(+) | -643 | -9,816 | -7,638 | -306 | -73 | -18,476 | -788 | -4,893 | -33,031 |

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."