**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2019**
(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 | 929 | 1 | 930 | 2,886 | 272 | 577 | 3,735 |
| Natural Gas Liquids | 495 | 1 | 496 | 1,911 | 249 | 283 | 2,443 |
| Ethane | – | – | – | – | – | – | – |
| Propane | 428 | 24 | 452 | 1,523 | 188 | 432 | 2,143 |
| Normal Butane | 52 | -5 | 47 | 389 | 39 | -89 | 339 |
| Isobutane | 15 | -18 | -3 | -1 | 22 | -60 | -39 |
| Natural Gasoline | – | – | – | – | – | – | – |
| Refinery Olefins | 434 | – | 434 | 975 | 23 | 294 | 1,292 |
| Ethylene | 8 | – | 8 | – | – | – | – |
| Propylene | 463 | – | 463 | 882 | 23 | 294 | 1,199 |
| Normal Butylene | -63 | – | -63 | 93 | – | – | 93 |
| Isobutylene | 26 | – | 26 | – | – | – | – |
| Finished Motor Gasoline | 89,058 | 7,530 | 96,588 | 50,909 | 10,390 | 16,186 | 77,485 |
| Reformulated | 38,310 | 70 | 38,380 | 8,137 | 1,481 | 1,069 | 10,687 |
| Reformulated Blended with Fuel Ethanol | 38,310 | 70 | 38,380 | 8,137 | 1,481 | 1,069 | 10,687 |
| Reformulated Other | – | – | – | – | – | – | – |
| Conventional | 50,748 | 7,460 | 58,208 | 42,772 | 8,909 | 15,117 | 66,798 |
| Conventional Blended with Fuel Ethanol | 52,763 | 7,392 | 60,155 | 39,212 | 9,176 | 13,994 | 62,382 |
| Ed55 and Lower | 52,713 | 7,392 | 60,105 | 39,200 | 9,148 | 13,918 | 62,266 |
| Greater than Ed55 | 50 | – | 50 | 12 | 28 | 76 | 116 |
| Conventional Other | -2,015 | 68 | -1,947 | 3,560 | -267 | 1,123 | 4,416 |
| Finished Aviation Gasoline | – | – | – | – | – | – | – |
| Kerosene-Type Jet Fuel | 2,935 | – | 2,935 | 6,939 | 918 | 1,022 | 8,879 |
| Kerosene | 56 | 7 | 63 | 52 | – | 17 | 69 |
| Distillate Fuel Oil | 6,946 | 834 | 7,780 | 19,033 | 4,114 | 10,747 | 33,894 |
| 15 ppm sulfur and under | 7,035 | 720 | 7,755 | 19,024 | 4,113 | 10,698 | 33,835 |
| Greater than 15 ppm to 500 ppm sulfur | 32 | 82 | 114 | -23 | – | 152 | 129 |
| Greater than 500 ppm sulfur | -121 | 32 | -89 | 32 | 1 | -103 | -70 |
| Residual Fuel Oil | 728 | 9 | 737 | 968 | 149 | 115 | 1,232 |
| Less than 0.31 percent sulfur | -52 | 8 | -44 | 66 | – | – | 66 |
| 0.31 to 1.00 percent sulfur | 314 | 1 | 315 | 147 | 11 | – | 158 |
| Greater than 1.00 percent sulfur | 466 | – | 466 | 755 | 138 | 115 | 1,008 |
| Petrochemical Feedstocks | -6 | – | -6 | 879 | – | 26 | 905 |
| Naphtha for Petro. Feed. Use | -6 | – | -6 | 646 | – | – | 646 |
| Other Oils for Petro. Feed. Use | – | – | – | 233 | – | 26 | 259 |
| Special Naphthas | – | 23 | 23 | -91 | – | 63 | -28 |
| Lubricants | 168 | 169 | 337 | – | – | 205 | 205 |
| Waxes | – | 12 | 12 | – | – | 34 | 34 |
| Petroleum Coke | 764 | 20 | 784 | 4,177 | 425 | 811 | 5,413 |
| Marketable | 287 | – | 287 | 3,123 | 356 | 580 | 4,059 |
| Catalyst | 477 | 20 | 497 | 1,054 | 69 | 231 | 1,354 |
| Asphalt and Road Oil | 376 | 696 | 1,072 | 3,723 | 1,153 | 346 | 5,222 |
| Still Gas | 961 | 46 | 1,007 | 2,799 | 436 | 1,096 | 4,331 |
| Miscellaneous Products | 53 | 25 | 78 | 329 | 55 | 48 | 432 |
| **Total** | 102,968 | 9,372 | 112,340 | 92,603 | 17,912 | 31,293 | 141,808 |
| Processing Gain(-) or Loss(+)[1] | **-1,292** | **36** | **-1,256** | **-4,612** | **-627** | **-1,243** | **-6,482** |

See footnotes at end of table.

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2019**
(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 | 828 | 5,706 | 4,938 | 16 | 46 | 11,534 | 317 | 1,876 | 18,392 |
| Natural Gas Liquids | 452 | 2,373 | 2,105 | -6 | 46 | 4,970 | 267 | 1,726 | 9,902 |
| Ethane | 1 | 129 | 30 | – | – | 160 | – | – | 160 |
| Propane | 264 | 2,016 | 1,905 | 6 | 38 | 4,229 | 291 | 1,039 | 8,154 |
| Normal Butane | 141 | 832 | 35 | -12 | 9 | 1,005 | 22 | 590 | 2,003 |
| Isobutane | 46 | -604 | 135 | – | -1 | -424 | -46 | 97 | -415 |
| Natural Gasoline | – | – | – | – | – | – | – | – | – |
| Refinery Olefins | 376 | 3,333 | 2,833 | 22 | – | 6,564 | 50 | 150 | 8,490 |
| Ethylene | – | – | – | – | – | – | – | – | 8 |
| Propylene | 378 | 3,296 | 2,912 | 22 | – | 6,608 | -2 | 181 | 8,449 |
| Normal Butylene | -2 | 69 | -79 | – | – | -12 | 52 | -31 | 39 |
| Isobutylene | – | -32 | – | – | – | -32 | – | – | -6 |
| Finished Motor Gasoline | 20,313 | 20,682 | 14,514 | 9,195 | 1,625 | 66,329 | 9,602 | 47,667 | 297,671 |
| Reformulated | 7,163 | 6,835 | – | – | – | 13,998 | – | 33,772 | 96,837 |
| Reformulated Blended with Fuel Ethanol | 7,163 | 6,835 | – | – | – | 13,998 | – | 33,772 | 96,837 |
| Reformulated Other | – | – | – | – | – | – | – | – | – |
| Conventional | 13,150 | 13,847 | 14,514 | 9,195 | 1,625 | 52,331 | 9,602 | 13,895 | 200,834 |
| Conventional Blended with Fuel Ethanol | 13,053 | 1,556 | 4,904 | 9,913 | 1,612 | 31,038 | 9,191 | 13,872 | 176,638 |
| Ed55 and Lower | 13,030 | 1,556 | 4,904 | 9,899 | 1,611 | 31,000 | 9,178 | 13,857 | 176,406 |
| Greater than Ed55 | 23 | – | – | 14 | 1 | 38 | 13 | 15 | 232 |
| Conventional Other | 97 | 12,291 | 9,610 | -718 | 13 | 21,293 | 411 | 23 | 24,196 |
| Finished Aviation Gasoline | 83 | 78 | 104 | – | – | 265 | 9 | – | 274 |
| Kerosene-Type Jet Fuel | 1,551 | 13,455 | 13,016 | 186 | 0 | 28,208 | 1,118 | 12,821 | 53,961 |
| Kerosene | 2 | 30 | 54 | 11 | – | 97 | 1 | 10 | 240 |
| Distillate Fuel Oil | 7,223 | 38,293 | 36,186 | 2,327 | 1,586 | 85,615 | 6,310 | 17,449 | 151,048 |
| 15 ppm sulfur and under | 7,249 | 36,647 | 29,689 | 2,237 | 1,586 | 77,408 | 6,307 | 17,039 | 142,344 |
| Greater than 15 ppm to 500 ppm sulfur | -26 | 216 | 3,029 | 111 | – | 3,330 | 10 | 25 | 3,608 |
| Greater than 500 ppm sulfur | – | 1,430 | 3,468 | -21 | – | 4,877 | -7 | 385 | 5,096 |
| Residual Fuel Oil | 422 | 1,458 | 2,754 | -13 | 57 | 4,678 | 396 | 4,440 | 11,483 |
| Less than 0.31 percent sulfur | 260 | 43 | 867 | – | – | 1,170 | 181 | 2 | 1,375 |
| 0.31 to 1.00 percent sulfur | – | 64 | 505 | -13 | – | 556 | 46 | 285 | 1,360 |
| Greater than 1.00 percent sulfur | 162 | 1,351 | 1,382 | – | 57 | 2,952 | 169 | 4,153 | 8,748 |
| Petrochemical Feedstocks | 113 | 5,406 | 2,955 | – | – | 8,474 | – | 1 | 9,374 |
| Naphtha for Petro. Feed. Use | 99 | 3,680 | 1,530 | – | – | 5,309 | – | 1 | 5,950 |
| Other Oils for Petro. Feed. Use | 14 | 1,726 | 1,425 | – | – | 3,165 | – | – | 3,424 |
| Special Naphthas | 67 | 657 | – | 198 | – | 922 | – | 18 | 935 |
| Lubricants | 31 | 1,827 | 1,611 | 871 | – | 4,340 | – | 645 | 5,527 |
| Waxes | – | 38 | 28 | 12 | – | 78 | – | – | 124 |
| Petroleum Coke | 366 | 7,523 | 5,405 | 148 | 22 | 13,464 | 820 | 4,213 | 24,694 |
| Marketable | 156 | 5,640 | 4,143 | 135 | – | 10,074 | 581 | 3,217 | 18,218 |
| Catalyst | 210 | 1,883 | 1,262 | 13 | 22 | 3,390 | 239 | 996 | 6,476 |
| Asphalt and Road Oil | 232 | 591 | 704 | 810 | 63 | 2,400 | 1,148 | 847 | 10,689 |
| Still Gas | 650 | 4,965 | 4,186 | 245 | 80 | 10,126 | 686 | 3,416 | 19,566 |
| Miscellaneous Products | 110 | 835 | 508 | 20 | 30 | 1,503 | 119 | 404 | 2,536 |
| **Total** | 31,991 | 101,544 | 86,963 | 14,026 | 3,509 | 238,033 | 20,526 | 93,807 | 606,514 |
| Processing Gain(-) or Loss(+)[1] | **-915** | **-9,230** | **-7,090** | **39** | **-99** | **-17,295** | **-871** | **-4,985** | **-30,889** |

– = No Data Reported.
[1] Represents the arithmetic difference between input and production.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."