

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2024**  
(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 .....                    | 142                         | -19               | 123           | 241                         | -449   | -47                        | -255          |
| Natural Gas Liquids .....                        | -264                        | -19               | -283          | -546                        | -552   | -355                       | -1,453        |
| Ethane .....                                     | -                           | -                 | -             | -                           | -  | -                          | -             |
| Propane .....                                    | 410                         | 16                | 426           | 1,448                       | 283  | 372                        | 2,103         |
| Normal Butane .....                              | -615                        | -27               | -642          | -1,790                      | -772   | -683                       | -3,245        |
| Isobutane .....                                  | -59                         | -8                | -67           | -204                        | -63  | -44                        | -311          |
| Natural Gasoline .....                           | -                           | -                 | -             | -                           | -  | -                          | -             |
| Refinery Olefins .....                           | 406                         | -                 | 406           | 787                         | 103  | 308                        | 1,198         |
| Ethylene .....                                   | 20                          | -                 | 20            | -                           | -  | -                          | -             |
| Propylene .....                                  | 373                         | -                 | 373           | 717                         | 102  | 312                        | 1,131         |
| Normal Butylene .....                            | -3                          | -                 | -3            | 70                          | 1  | -4                         | 67            |
| Isobutylene .....                                | 16                          | -                 | 16            | -                           | -  | -                          | -             |
| Finished Motor Gasoline .....                    | 657                         | 1,032             | 1,689         | 4,796                       | 2,201  | 2,701                      | 9,698         |
| Reformulated .....                               | 657                         | -                 | 657           | -                           | -  | 12                         | 12            |
| Reformulated Blended with Fuel Ethanol .....     | 657                         | -                 | 657           | -                           | -  | 12                         | 12            |
| Reformulated Other .....                         | -                           | -                 | -             | -                           | -  | -                          | -             |
| Conventional .....                               | -                           | 1,032             | 1,032         | 4,796                       | 2,201  | 2,689                      | 9,686         |
| Conventional Blended with Fuel Ethanol .....     | -                           | 1,014             | 1,014         | 1,905                       | 1,702  | 1,548                      | 5,155         |
| Ed55 and Lower .....                             | -                           | 1,014             | 1,014         | 1,905                       | 1,702  | 1,548                      | 5,155         |
| Greater than Ed55 .....                          | -                           | -                 | -             | -                           | -  | -                          | -             |
| Conventional Other .....                         | -                           | 18                | 18            | 2,891                       | 499  | 1,141                      | 4,531         |
| Finished Aviation Gasoline .....                 | -                           | -                 | -             | -                           | -  | -                          | -             |
| Kerosene-Type Jet Fuel .....                     | 2,508                       | -                 | 2,508         | 6,930                       | 1,011  | 1,047                      | 8,988         |
| Kerosene .....                                   | 133                         | 6                 | 139           | 3                           | -  | 63                         | 66            |
| Distillate Fuel Oil .....                        | 6,268                       | 699               | 6,967         | 19,777                      | 5,331  | 9,941                      | 35,049        |
| 15 ppm sulfur and under .....                    | 6,478                       | 698               | 7,176         | 19,815                      | 5,319  | 9,904                      | 35,038        |
| Greater than 15 ppm to 500 ppm sulfur .....      | 9                           | -                 | 9             | 2                           | -  | -                          | 2             |
| Greater than 500 ppm sulfur .....                | -219                        | 1                 | -218          | -40                         | 12   | 37                         | 9             |
| Residual Fuel Oil .....                          | 618                         | 7                 | 625           | 586                         | 171  | 146                        | 903           |
| Less than 0.31 percent sulfur .....              | -                           | 7                 | 7             | 42                          | -  | -                          | 42            |
| 0.31 to 1.00 percent sulfur .....                | 486                         | -                 | 486           | 97                          | 81   | 28                         | 206           |
| Greater than 1.00 percent sulfur .....           | 132                         | -                 | 132           | 447                         | 90   | 118                        | 655           |
| Petrochemical Feedstocks .....                   | -                           | 13                | 13            | 782                         | -  | -                          | 782           |
| Naphtha for Petro. Feed. Use .....               | -                           | -                 | -             | 441                         | -  | -                          | 441           |
| Other Oils for Petro. Feed. Use .....            | -                           | 13                | 13            | 341                         | -  | -                          | 341           |
| Special Naphthas .....                           | -                           | 12                | 12            | 10                          | -  | 16                         | 26            |
| Lubricants .....                                 | 161                         | 210               | 371           | -                           | -  | 194                        | 194           |
| Waxes .....                                      | -                           | 13                | 13            | -                           | -  | 40                         | 40            |
| Petroleum Coke .....                             | 620                         | 16                | 636           | 3,103                       | 987  | 788                        | 4,878         |
| Marketable .....                                 | 227                         | -                 | 227           | 2,122                       | 851  | 554                        | 3,527         |
| Catalyst .....                                   | 393                         | 16                | 409           | 981                         | 136  | 234                        | 1,351         |
| Asphalt and Road Oil .....                       | 376                         | 596               | 972           | 3,915                       | 1,530  | 294                        | 5,739         |
| Still Gas .....                                  | 847                         | 42                | 889           | 2,827                       | 589  | 993                        | 4,409         |
| Miscellaneous Products .....                     | 42                          | 26                | 68            | 219                         | 116  | 42                         | 377           |
| <b>Total .....</b>                               | <b>12,372</b>               | <b>2,653</b>      | <b>15,025</b> | <b>43,189</b>               | <b>11,487</b>                                | <b>16,218</b>              | <b>70,894</b> |
| Processing Gain(-) or Loss(+) <sup>1</sup> ..... | -1,207                      | 27                | -1,180        | -4,415                      | -1,386                                       | -1,285                     | -7,086        |

See footnotes at end of table.

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2024**  
(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 .....                    | 549                         | 5,723            | 3,421                | -30                       | 14           | 9,677          | 72                              | -443                        | 9,174          |
| Natural Gas Liquids .....                        | 163                         | 2,546            | 890                  | -50                       | 14           | 3,563          | -81                             | -669                        | 1,077          |
| Ethane .....                                     | 3                           | 178              | 103                  | —                         | —            | 284            | —                               | —                           | 284            |
| Propane .....                                    | 309                         | 2,539            | 1,607                | 11                        | 30           | 4,496          | 216                             | 925                         | 8,166          |
| Normal Butane .....                              | -116                        | 93               | -1,009               | -61                       | -16          | -1,109         | -283                            | -1,618                      | -6,897         |
| Isobutane .....                                  | -33                         | -264             | 189                  | —                         | —            | -108           | -14                             | 24                          | -476           |
| Natural Gasoline .....                           | —                           | —                | —                    | —                         | —            | —              | —                               | —                           | —              |
| Refinery Olefins .....                           | 386                         | 3,177            | 2,531                | 20                        | —            | 6,114          | 153                             | 226                         | 8,097          |
| Ethylene .....                                   | —                           | -502             | 63                   | —                         | —            | -439           | —                               | —                           | -419           |
| Propylene .....                                  | 388                         | 3,694            | 2,506                | 20                        | —            | 6,608          | 44                              | 223                         | 8,379          |
| Normal Butylene .....                            | -2                          | -17              | -39                  | —                         | —            | -58            | 109                             | 3                           | 118            |
| Isobutylene .....                                | —                           | 2                | 1                    | —                         | —            | 3              | —                               | —                           | 19             |
| Finished Motor Gasoline .....                    | 2,105                       | 15,108           | 5,997                | 601                       | 370          | 24,181         | 4,688                           | 2,257                       | 42,513         |
| Reformulated .....                               | 14                          | —                | —                    | —                         | —            | 14             | —                               | 497                         | 1,180          |
| Reformulated Blended with Fuel Ethanol .....     | 14                          | —                | —                    | —                         | —            | 14             | —                               | 497                         | 1,180          |
| Reformulated Other .....                         | —                           | —                | —                    | —                         | —            | —              | —                               | —                           | —              |
| Conventional .....                               | 2,091                       | 15,108           | 5,997                | 601                       | 370          | 24,167         | 4,688                           | 1,760                       | 41,333         |
| Conventional Blended with Fuel Ethanol .....     | 1,851                       | 429              | 1,665                | 573                       | 89           | 4,607          | 2,676                           | 622                         | 14,074         |
| Ed55 and Lower .....                             | 1,851                       | 429              | 1,665                | 573                       | 89           | 4,607          | 2,676                           | 622                         | 14,074         |
| Greater than Ed55 .....                          | —                           | —                | —                    | —                         | —            | —              | —                               | —                           | —              |
| Conventional Other .....                         | 240                         | 14,679           | 4,332                | 28                        | 281          | 19,560         | 2,012                           | 1,138                       | 27,259         |
| Finished Aviation Gasoline .....                 | 93                          | 62               | 159                  | —                         | —            | 314            | 3                               | 80                          | 397            |
| Kerosene-Type Jet Fuel .....                     | 1,542                       | 16,294           | 10,375               | 143                       | —            | 28,354         | 944                             | 13,928                      | 54,722         |
| Kerosene .....                                   | 5                           | 247              | 0                    | 14                        | —            | 266            | —                               | 0                           | 471            |
| Distillate Fuel Oil .....                        | 7,196                       | 47,570           | 33,843               | 2,521                     | 1,181        | 92,311         | 6,634                           | 13,541                      | 154,502        |
| 15 ppm sulfur and under .....                    | 7,196                       | 46,787           | 30,267               | 2,546                     | 1,181        | 87,977         | 6,636                           | 12,921                      | 149,748        |
| Greater than 15 ppm to 500 ppm sulfur .....      | —                           | 223              | 1,778                | 35                        | —            | 2,036          | 3                               | 258                         | 2,308          |
| Greater than 500 ppm sulfur .....                | —                           | 560              | 1,798                | -60                       | —            | 2,298          | -5                              | 362                         | 2,446          |
| Residual Fuel Oil .....                          | 231                         | 2,088            | 1,276                | -43                       | 13           | 3,565          | 289                             | 2,451                       | 7,833          |
| Less than 0.31 percent sulfur .....              | 243                         | —                | 622                  | —                         | —            | 865            | 178                             | 54                          | 1,146          |
| 0.31 to 1.00 percent sulfur .....                | -2                          | 772              | 293                  | -43                       | —            | 1,020          | 19                              | 682                         | 2,413          |
| Greater than 1.00 percent sulfur .....           | -10                         | 1,316            | 361                  | —                         | 13           | 1,680          | 92                              | 1,715                       | 4,274          |
| Petrochemical Feedstocks .....                   | 61                          | 3,621            | 1,863                | —                         | 40           | 5,585          | 16                              | 82                          | 6,478          |
| Naphtha for Petro. Feed. Use .....               | 56                          | 2,419            | 1,113                | —                         | —            | 3,588          | —                               | —                           | 4,029          |
| Other Oils for Petro. Feed. Use .....            | 5                           | 1,202            | 750                  | —                         | 40           | 1,997          | 16                              | 82                          | 2,449          |
| Special Naphthas .....                           | 51                          | 643              | —                    | 218                       | —            | 912            | —                               | 42                          | 992            |
| Lubricants .....                                 | 9                           | 1,377            | 1,243                | 834                       | —            | 3,463          | —                               | 391                         | 4,419          |
| Waxes .....                                      | —                           | 40               | 83                   | 32                        | —            | 155            | —                               | —                           | 208            |
| Petroleum Coke .....                             | 455                         | 8,701            | 5,021                | 92                        | 23           | 14,292         | 741                             | 3,507                       | 24,054         |
| Marketable .....                                 | 235                         | 6,850            | 4,086                | 82                        | —            | 11,253         | 537                             | 2,604                       | 18,148         |
| Catalyst .....                                   | 220                         | 1,851            | 935                  | 10                        | 23           | 3,039          | 204                             | 903                         | 5,906          |
| Asphalt and Road Oil .....                       | 168                         | 399              | 633                  | 963                       | 45           | 2,208          | 999                             | 756                         | 10,674         |
| Still Gas .....                                  | 804                         | 5,663            | 3,225                | 319                       | 75           | 10,086         | 703                             | 3,299                       | 19,386         |
| Miscellaneous Products .....                     | 140                         | 1,019            | 464                  | 15                        | 9            | 1,647          | 85                              | 364                         | 2,541          |
| <b>Total .....</b>                               | <b>13,409</b>               | <b>108,555</b>   | <b>67,603</b>        | <b>5,679</b>              | <b>1,770</b> | <b>197,016</b> | <b>15,174</b>                   | <b>40,255</b>               | <b>338,364</b> |
| Processing Gain(-) or Loss(+) <sup>1</sup> ..... | -1,102                      | -9,867           | -6,172               | -86                       | -92          | -17,319        | -760                            | -4,475                      | -30,820        |

— = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

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