**Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2012**
(Thousand Barrels, Except Where Noted)

| 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 |
| **Crude Oil** | **26,789** | **3,038** | **29,827** | **68,753** | **14,770** | **24,933** | **108,456** |
| **Natural Gas Plant Liquids** | **361** | **–** | **361** | **1,487** | **45** | **665** | **2,197** |
| Pentanes Plus | – | – | – | 407 | – | 215 | 622 |
| Liquefied Petroleum Gases | 361 | – | 361 | 1,080 | 45 | 450 | 1,575 |
| Normal Butane | – | – | – | 2 | – | 25 | 27 |
| Isobutane | 361 | – | 361 | 1,078 | 45 | 425 | 1,548 |
| **Other Liquids** | **-6,898** | **75** | **-6,823** | **-25,030** | **-4,041** | **-559** | **-29,630** |
| Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons | 269 | 124 | 393 | 749 | 145 | 243 | 1,137 |
| Hydrogen | 112 | 21 | 133 | 458 | 79 | 145 | 682 |
| Oxygenates (excluding Fuel Ethanol) | – | – | – | – | – | – | – |
| Methyl Tertiary Butyl Ether (MTBE) | – | – | – | – | – | – | – |
| All Other Oxygenates[1] | – | – | – | – | – | – | – |
| Renewable Fuels (including Fuel Ethanol) | 157 | 103 | 260 | 240 | 66 | 98 | 404 |
| Fuel Ethanol | 157 | 94 | 251 | 155 | 61 | 93 | 309 |
| Renewable Diesel Fuel | – | 9 | 9 | 85 | 5 | 5 | 95 |
| Other Renewable Fuels | – | – | – | – | – | – | – |
| Other Hydrocarbons | – | – | – | 51 | – | – | 51 |
| Unfinished Oils (net) | 4,109 | -76 | 4,033 | 1,967 | -79 | -377 | 1,511 |
| Naphthas and Lighter | 322 | 2 | 324 | 1,543 | -20 | 54 | 1,577 |
| Kerosene and Light Gas Oils | -268 | – | -268 | 516 | -47 | -197 | 272 |
| Heavy Gas Oils | 2,118 | -73 | 2,045 | 591 | -9 | 158 | 740 |
| Residuum | 1,937 | -5 | 1,932 | -683 | -3 | -392 | -1,078 |
| Motor Gasoline Blend.Comp. (MGBC)(net) | -11,276 | 27 | -11,249 | -27,746 | -4,107 | -425 | -32,278 |
| Reformulated - RBOB | -9,212 | – | -9,212 | -7,758 | -364 | – | -8,122 |
| Conventional | -2,064 | 27 | -2,037 | -19,988 | -3,743 | -425 | -24,156 |
| CBOB | -2,110 | 3 | -2,107 | -20,061 | -3,834 | -412 | -24,307 |
| GTAB | – | – | – | – | – | – | – |
| Other | 46 | 24 | 70 | 73 | 91 | -13 | 151 |
| Aviation Gasoline Blend. Comp. (net) | – | – | – | – | – | – | – |
| **Total Input to Refineries** | **20,252** | **3,113** | **23,365** | **45,210** | **10,774** | **25,039** | **81,023** |
| **Atmospheric Crude Oil Distillation** | | | | | | | |
| Gross Input (daily average) | 885 | 98 | 983 | 2,190 | 477 | 812 | 3,479 |
| Operable Capacity (daily average) | 1,093 | 95 | 1,188 | 2,356 | 449 | 860 | 3,665 |
| Operable Utilization Rate (percent)[2] | 81.0 | 103.6 | 82.8 | 93.0 | 106.2 | 94.4 | 94.9 |
| **Downstream Processing Fresh Feed Input (daily average)** | | | | | | | |
| Catalytic Reforming | 156 | 16 | 173 | 453 | 77 | 173 | 702 |
| Catalytic Cracking | 447 | 17 | 463 | 740 | 135 | 207 | 1,082 |
| Catalytic Hydrocracking | 17 | – | 17 | 146 | 41 | 52 | 239 |
| Delayed and Fluid Coking | 53 | – | 53 | 243 | 70 | 76 | 390 |
| **Crude Oil Qualities** | | | | | | | |
| Sulfur Content, Weighted Average (percent) | 0.81 | 1.71 | 0.90 | 1.43 | 2.20 | 0.90 | 1.41 |
| API Gravity, Weighted Average (degrees) | 33.22 | 31.99 | 33.10 | 32.69 | 28.43 | 36.56 | 33.02 |
| **Operable Capacity (daily average)** | **1,093** | **95** | **1,188** | **2,356** | **449** | **860** | **3,665** |
| Operating | 999 | 95 | 1,094 | 2,328 | 449 | 848 | 3,625 |
| Idle | 94 | – | 94 | 28 | – | 12 | 40 |
| **Alaskan Crude Oil Receipts** | **–** | **–** | **–** | **–** | **–** | **–** | **–** |

See footnotes at end of table.

**Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2012**
(Thousand Barrels, Except Where Noted) — 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 | | | |
| **Crude Oil** | **20,278** | **114,961** | **103,436** | **6,530** | **3,893** | **249,098** | **18,575** | **79,395** | **485,351** |
| **Natural Gas Plant Liquids** | **577** | **4,659** | **3,198** | **115** | **162** | **8,711** | **548** | **1,515** | **13,332** |
| Pentanes Plus | 209 | 1,507 | 1,468 | 83 | – | 3,267 | 189 | 499 | 4,577 |
| Liquefied Petroleum Gases | 368 | 3,152 | 1,730 | 32 | 162 | 5,444 | 359 | 1,016 | 8,755 |
| Normal Butane | 174 | 1,344 | 30 | – | – | 1,548 | 118 | 476 | 2,169 |
| Isobutane | 194 | 1,808 | 1,700 | 32 | 162 | 3,896 | 241 | 540 | 6,586 |
| **Other Liquids** | **-4,594** | **-35,444** | **-35,596** | **-1,437** | **-562** | **-77,633** | **-1,324** | **-27,372** | **-142,782** |
| Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons | 185 | 2,153 | 1,520 | 169 | 91 | 4,118 | 509 | 1,560 | 7,717 |
| Hydrogen | 31 | 2,047 | 1,368 | 149 | 35 | 3,630 | 218 | 1,399 | 6,062 |
| Oxygenates (excluding Fuel Ethanol) | – | 54 | – | – | – | 54 | – | – | 54 |
| Methyl Tertiary Butyl Ether (MTBE) | – | 54 | – | – | – | 54 | – | – | 54 |
| All Other Oxygenates[1] | – | – | – | – | – | – | – | – | – |
| Renewable Fuels (including Fuel Ethanol) | 154 | 52 | 152 | 20 | 56 | 434 | 291 | 161 | 1,550 |
| Fuel Ethanol | 121 | 52 | 152 | 20 | 56 | 401 | 280 | 153 | 1,394 |
| Renewable Diesel Fuel | 33 | – | – | – | – | 33 | 11 | 8 | 156 |
| Other Renewable Fuels | – | – | – | – | – | – | – | – | – |
| Other Hydrocarbons | – | – | – | – | – | – | – | – | 51 |
| Unfinished Oils (net) | -108 | 8,885 | 2,279 | -55 | 49 | 11,050 | -53 | 1,819 | 18,360 |
| Naphthas and Lighter | -79 | 780 | -1,243 | -32 | 40 | -534 | -26 | 57 | 1,398 |
| Kerosene and Light Gas Oils | 60 | -2,854 | -728 | -57 | 10 | -3,569 | -276 | -3 | -3,844 |
| Heavy Gas Oils | 5 | 10,624 | 2,093 | 92 | -1 | 12,813 | 285 | 1,387 | 17,270 |
| Residuum | -94 | 335 | 2,157 | -58 | – | 2,340 | -36 | 378 | 3,536 |
| Motor Gasoline Blend.Comp. (MGBC)(net) | -4,673 | -46,482 | -39,395 | -1,551 | -702 | -92,803 | -1,780 | -30,751 | -168,861 |
| Reformulated - RBOB | -241 | -17,342 | -5,475 | – | -735 | -23,793 | – | -25,537 | -66,664 |
| Conventional | -4,432 | -29,140 | -33,920 | -1,551 | 33 | -69,010 | -1,780 | -5,214 | -102,197 |
| CBOB | -3,813 | -25,916 | -31,988 | -679 | 6 | -62,390 | -1,738 | -4,488 | -95,030 |
| GTAB | – | – | – | – | – | – | – | – | – |
| Other | -619 | -3,224 | -1,932 | -872 | 27 | -6,620 | -42 | -726 | -7,167 |
| Aviation Gasoline Blend. Comp. (net) | 2 | – | – | – | – | 2 | – | – | 2 |
| **Total Input to Refineries** | **16,261** | **84,176** | **71,038** | **5,208** | **3,493** | **180,176** | **17,799** | **53,538** | **355,901** |
| **Atmospheric Crude Oil Distillation** | | | | | | | | | |
| Gross Input (daily average) | 653 | 3,784 | 3,424 | 193 | 126 | 8,180 | 601 | 2,739 | 15,982 |
| Operable Capacity (daily average) | 668 | 4,094 | 3,578 | 243 | 143 | 8,725 | 624 | 3,028 | 17,230 |
| Operable Utilization Rate (percent)[2] | 97.8 | 92.4 | 95.7 | 79.6 | 87.9 | 93.8 | 96.2 | 90.5 | 92.8 |
| **Downstream Processing Fresh Feed Input (daily average)** | | | | | | | | | |
| Catalytic Reforming | 140 | 691 | 529 | 29 | 26 | 1,416 | 106 | 389 | 2,785 |
| Catalytic Cracking | 177 | 1,411 | 1,102 | 15 | 34 | 2,738 | 180 | 658 | 5,122 |
| Catalytic Hydrocracking | 51 | 405 | 339 | 10 | – | 805 | 17 | 490 | 1,568 |
| Delayed and Fluid Coking | 27 | 668 | 540 | 18 | – | 1,254 | 70 | 449 | 2,215 |
| **Crude Oil Qualities** | | | | | | | | | |
| Sulfur Content, Weighted Average (percent) | 0.78 | 1.60 | 1.48 | 1.34 | 1.25 | 1.47 | 1.42 | 1.44 | 1.41 |
| API Gravity, Weighted Average (degrees) | 35.75 | 29.85 | 30.59 | 31.26 | 33.62 | 30.75 | 33.13 | 27.38 | 30.91 |
| **Operable Capacity (daily average)** | **668** | **4,094** | **3,578** | **243** | **143** | **8,725** | **624** | **3,028** | **17,230** |
| Operating | 668 | 4,094 | 3,523 | 243 | 126 | 8,653 | 624 | 2,997 | 16,994 |
| Idle | – | – | 55 | – | 17 | 72 | – | 32 | 237 |
| **Alaskan Crude Oil Receipts** | **–** | **–** | **–** | **–** | **–** | **–** | **–** | **16,560** | **16,560** |

– = No Data Reported.
NA = Not Available.
[1] Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).
[2] Represents gross input divided by operable calendar day capacity.
Note: Totals may not equal sum of components due to independent rounding.
Note: Refer to Appendix A for Refining District descriptions.
Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."