# U.S. Energy DATABOOK A summary of national and global energy indieators: 



## SUMMARY OF CURRENT ENERGY CONDITIONS

In September, the number of total active drilling rigs in the United States continued to decrease, dropping 5.2 percent from a month ago and 17.6 percent from a year ago. In June 2019, U.S. crude oil production edged down 0.3 percent and natural gas production declined 2.2 percent. For the week ending September 13th, West Texas Intermediate (WTI) crude oil averaged $\$ 56.16$ per barrel and North Sea Brent averaged $\$ 62.74$ per barrel, an increase of 1.5 percent and 7.7 percent in the last month, respectively. The Henry Hub natural gas spot price averaged $\$ 2.64$ per million Btu for the week ending September 13th, jumping up 19.5 percent in the last month. U.S. crude oil and petroleum products exports rose 7.1 percent while imports fell 9.5 percent in the last month. Global demand for petroleum inched up 0.5 percent the second quarter of 2019, and global petroleum production expanded 0.7 percent in August 2019.

This databook provides current economic indicators to help monitor trends and allow comparison of past information. These indicators include: oil and natural gas prices; global petroleum production and demand; U.S. oil production and petroleum demand; U.S. crude oil stocks; OECD petroleum stocks; U.S. oil imports; U.S. oil exports; oil and gas drilling rig counts; and U.S. natural gas production. These indicators can be found on the following pages.


> The Federal Reserve Bank of Kansas City's headquarters is located at 1 Memorial Drive in the heart of Kansas City, Missouri. The Federal Reserve Bank of Kansas City serves the Tenth Federal Reserve District, which includes Colorado, Kansas, western Missouri, Nebraska, northern New Mexico, Oklahoma and Wyoming. There are three branches across the Tenth Federal Reserve District located in Denver, Oklahoma City, and Omaha.


Monthly Gasoline Spot Prices, Change from

|  | Current | 1 Month | 3 months | 6 Months | 1 Year |
| ---: | :---: | :---: | :---: | :---: | :---: |
| Geographic Area | Aug-19 | Ago | Ago | Ago | Ago |
| East Coast (PADD 1) | $\$ 2.48$ | $-\$ 0.15$ | $-\$ 0.21$ | $\$ 0.13$ | $-\$ 0.28$ |
| Midwest (PADD 2) | $\$ 2.50$ | $-\$ 0.16$ | $-\$ 0.22$ | $\$ 0.19$ | $-\$ 0.27$ |
| Gulf Coast (PADD 3) | $\$ 2.26$ | $-\$ 0.16$ | $-\$ 0.21$ | $\$ 0.15$ | $-\$ 0.31$ |
| Rocky Mountain (PADD 4) | $\$ 2.65$ | $-\$ 0.06$ | $-\$ 0.33$ | $\$ 0.46$ | $-\$ 0.34$ |
| West Coast (PADD 5) | $\$ 3.23$ | $-\$ 0.08$ | $-\$ 0.41$ | $\$ 0.29$ | $-\$ 0.08$ |

*The cost of crude oil, including transportation and other fees paid by the refiner.
Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

August 2019 Global Petroleum Production


Source: Energy Information Administration/Haver Analytics
August 2019
Monthly Global Petroleum Production, million barrels per day


Top Crude Oil Producers, million barrels per day


Angola
Ecuador
Equatorial Guinea
$\square$ Iraq
Kuwait

- Nigeria
$\square$ Saudi Arabia

Top OPEC Producers
Iraq




Note: OPEC country production values are for crude oil and non-OPEC country data is for petroleum production.
Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics


Second Quarter 2019

Source: Energy Information Administration/Haver Analytics
Quarterly Global Consumption, million barrels per day


Regional Share of Consumption

| OECD |  |
| ---: | :---: |
| Non-OECD | $46.7 \%$ |
|  | $53.3 \%$ |
| Asia and Oceania | $35.9 \%$ |
| North America | $24.6 \%$ |
| United States | $20.3 \%$ |
| Europe | $14.1 \%$ |
| China | $14.5 \%$ |
| Middle East | $8.6 \%$ |
| U and South America | $6.8 \%$ |
| U \& Eastern Europe | $4.8 \%$ |

Top Petroleum Consumers, million barrels per day


Cbina


India
Japan


September 2019 Weekly Active Oil \& Gas Drilling Rig Counts


Source: Baker Hughes/Haver Analytics
U.S. Active Drilling Rigs by Trajectory



Rig Count By Type

|  | Current | 1 Month | 3 Months | 1 Year |
| :---: | :---: | :---: | :---: | :---: |
| Rig Type | Week | Ago | Ago | Ago |
| Oil | 719 | 754 | 789 | 866 |
| Gas | 148 | 162 | 177 | 186 |
| Misc | 1 | 0 | 1 | 1 |
| Total | $\mathbf{8 6 8}$ | $\mathbf{9 1 6}$ | $\mathbf{9 6 7}$ | $\mathbf{1 0 5 3}$ |

Rig Count By Type, Change from

|  | Current | 1 Month | 3 Months | 1 Year |
| :---: | :---: | :---: | :---: | :---: |
| Rig Type | Week | Ago | Ago | Ago |
| Oil | - | $-4.6 \%$ | $-8.9 \%$ | $-17.0 \%$ |
| Gas | - | $-8.6 \%$ | $-16.4 \%$ | $-20.4 \%$ |
| Misc | - | - | $0.0 \%$ | $0.0 \%$ |
| Total | - | $\mathbf{- 5 . 2 \%}$ | $\mathbf{- 1 0 . 2} \%$ | $\mathbf{- 1 7 . 6} \%$ |

June 2019 U.S. Crude Oil Production


Top Producing States, thousand barrels per day


Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics


Texas


| Thousand barrels per day | Change <br> from |  |
| ---: | ---: | :---: |
| Jun-19 | 4,982 |  |
| Month Ago | 4,969 | $0.3 \%$ |
| 3 Months Ago | 4,857 | $2.6 \%$ |
| 6 Months Ago | 4,896 | $1.8 \%$ |
| 1 Year Ago | 4,359 | $14.3 \%$ |
|  |  |  |
| Share of U.S. Production | $41.2 \%$ |  |

## North Dakota



| North Dakota | Change <br> Thousand barrels per day | from |
| ---: | ---: | ---: |$|$| Jun-19 | 1,403 |  |
| :---: | ---: | ---: |
| Month Ago | 1,367 | $2.6 \%$ |
| 3 Months Ago | 1,363 | $2.9 \%$ |
| 6 Months Ago | 1,403 | $0.0 \%$ |
| 1 Year Ago | 1,216 | $15.3 \%$ |
|  |  |  |
| Share of U.S. Production | $11.6 \%$ |  |

## New Mexico



| New Mexico | Change |
| ---: | ---: | :---: |
| Thousand barrels per day | from |$|$| Jun-19 | 885 |  |
| ---: | ---: | ---: |
| Month Ago | 899 | $-1.6 \%$ |
| 3 Months Ago | 870 | $1.7 \%$ |
| 6 Months Ago | 829 | $6.7 \%$ |
| 1 Year Ago | 649 | $36.3 \%$ |
|  |  |  |
| Share of U.S. Production | $7.3 \%$ |  |

[^0]

## Colorado



Alaska





0 - 0
2013201420152016201720182019

## California



| Oklahoma | Change <br> Thousand barrels per day <br> from |  |
| ---: | ---: | :---: |
| Jun-19 | 547 |  |
| Month Ago | 605 | $-9.5 \%$ |
| 3 Months Ago | 583 | $-6.2 \%$ |
| 6 Months Ago | 584 | $-6.3 \%$ |
| 1 Year Ago | 523 | $4.7 \%$ |
|  |  |  |
| Share of U.S. Production | $4.5 \%$ |  |


| Colorado | Change |
| ---: | ---: | ---: |
| Thousand barrels per day | from |$|$| Jun-19 | 516 |  |
| ---: | ---: | ---: |
| Month Ago | 497 | $3.9 \%$ |
| 3 Months Ago | 470 | $10.0 \%$ |
| 6 Months Ago | 541 | $-4.6 \%$ |
| 1 Year Ago | 437 | $18.1 \%$ |
|  |  |  |
| Share of U.S. Production | $4.3 \%$ |  |


| Alaska | Change <br> Thousand barrels per day | from |
| :---: | ---: | :---: |$|$| Jun-19 | 455 |  |
| :---: | ---: | :---: |
| Month Ago | 474 | $-4.1 \%$ |
| 3 Months Ago | 481 | $-5.5 \%$ |
| 6 Months Ago | 496 | $-8.3 \%$ |
| 1 Year Ago | 451 | $0.9 \%$ |
|  |  |  |
| Share of U.S. Production | $3.8 \%$ |  |


| California | Change <br> Thousand barrels per day | from |
| :---: | ---: | :---: |$|$| Jun-19 | 445 |  |
| :---: | :---: | :---: |
| Month Ago | 454 | $-2.1 \%$ |
| 3 Months Ago | 452 | $-1.6 \%$ |
| 6 Months Ago | 464 | $-4.3 \%$ |
| 1 Year Ago | 462 | $-3.7 \%$ |
|  |  |  |
| Share of U.S. Production | $3.7 \%$ |  |



| Wyoming |
| ---: | ---: | ---: | | Change |
| :---: |
| Thousand barrels per day | from


| Louisiana | Change <br> Thousand barrels per day | from |
| ---: | ---: | :---: |$|$| Jun-19 | 121 |  |
| :---: | ---: | :---: |
| Month Ago | 122 | $-0.4 \%$ |
| 3 Months Ago | 122 | $-0.6 \%$ |
| 6 Months Ago | 129 | $-6.0 \%$ |
| 1 Year Ago | 139 | $-12.8 \%$ |
|  |  |  |
| Share of U.S. Production | $1.0 \%$ |  |


| Utah | Change <br> Thousand barrels per day | from |
| :---: | ---: | :---: |$|$| Jun-19 | 105 |  |
| :---: | ---: | :---: |
| Month Ago | 106 | $-1.2 \%$ |
| 3 Months Ago | 103 | $1.4 \%$ |
| 6 Months Ago | 100 | $4.5 \%$ |
| 1 Year Ago | 93 | $12.0 \%$ |
|  |  |  |
| Share of U.S. Production | $0.9 \%$ |  |

## September 2019 Weekly U.S. Crude Oil Stocks

U.S. Oil Stocks, million barrels*


275
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
5 year range -----. 5 year avg 2019 Stocks


15
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Cushing, OK Oil Stocks, million barrels
80


10
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
5 year range
------ 5 year avg

- 2019 Stocks

| Crude Oil Stocks | 1 Week | 1 Year |
| ---: | :---: | :---: |
| Change from | Ago | Ago |
| U.S. | $0.3 \%$ | $5.8 \%$ |
| Cushing, OK | $-1.6 \%$ | $73.2 \%$ |
| Days of Supply | $1.7 \%$ | $8.0 \%$ |
| East Coast (PADD 1) | $3.0 \%$ | $-13.7 \%$ |
| Midwest (PADD 2) | $-1.7 \%$ | $16.2 \%$ |
| Gulf Coast (PADD 3) | $0.9 \%$ | $6.2 \%$ |
| Rocky Mountain (PADD 4) | $1.9 \%$ | $-12.2 \%$ |
| West Coast (PADD 5) | $1.0 \%$ | $-5.4 \%$ |

*Stocks include those domestic and Customs-cleared foreign stocks held at, or in transit to, refineries and bulk terminals, and stocks in pipelines.

## August 2019 OECD Commercial Petroleum Inventory

OECD Commercial Petroleum Inventory, million barrels


$\left.$| Petroleum Stocks |
| ---: | :---: | :---: |
| Million Barrels | | Change |
| ---: |
| from | \right\rvert\,

## September 2019 Weekly U.S. Imports of Crude Oil \& Petroleum Products

4-Week. Averages

Imports, million barrels per day


Share of Total Imports


| U.S. Imports by Product* | Thousand barrels per day |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Current | 1 Month | 3 Months | 6 Months | 1 Year |
|  | $9 / 13 / 19$ | Ago | Ago | Ago | Ago |
| Total Crude Oil | $\mathbf{6 , 6 5 2}$ | $\mathbf{7 , 1 8 6}$ | $\mathbf{7 , 4 6 7}$ | $\mathbf{6 , 6 4 9}$ | $\mathbf{7 , 7 0 4}$ |
| Total Products | $\mathbf{2 , 1 4 5}$ | $\mathbf{2 , 5 3 8}$ | $\mathbf{2 , 4 5 8}$ | $\mathbf{2 , 0 6 6}$ | $\mathbf{2 , 5 6 0}$ |
| Total Motor Gasoline | 745 | 1,008 | 930 | 599 | 867 |
| Kerosene-Type Jet Fuel | 172 | 171 | 158 | 223 | 199 |
| Distillate Fuel Oil | 110 | 173 | 144 | 229 | 188 |
| Residual Fuel Oil | 173 | 205 | 177 | 135 | 246 |
| Propane/Propylene | 107 | 117 | 121 | 178 | 128 |
| Other Oils | 827 | 855 | 916 | 702 | 923 |
| Total Imports | $\mathbf{8 , 7 9 7}$ | $\mathbf{9 , 7 2 4}$ | $\mathbf{9 , 9 2 5}$ | $\mathbf{8 , 7 1 5}$ | $\mathbf{1 0 , 2 6 4}$ |

U.S. Imports by Product, Change from

|  | Current | 1 Month | 3 Months | 6 Months | 1 Year |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $9 / 13 / 19$ | Ago | Ago | Ago | Ago |
| Total Crude Oil | - | $\mathbf{- 7 . 4 \%}$ | $\mathbf{- 1 0 . 9 \%}$ | $\mathbf{0 . 0 \%}$ | $-13.7 \%$ |
| Total Products | - | $\mathbf{- 1 5 . 5 \%}$ | $\mathbf{- 1 2 . 7 \%}$ | $\mathbf{3 . 8 \%}$ | $\mathbf{- 1 6 . 2 \%}$ |
| Total Motor Gasoline | - | $-26.1 \%$ | $-19.9 \%$ | $24.4 \%$ | $-14.1 \%$ |
| Kerosene-Type Jet Fuel | - | $0.6 \%$ | $8.9 \%$ | $-22.9 \%$ | $-13.6 \%$ |
| Distillate Fuel Oil | - | $-36.4 \%$ | $-23.6 \%$ | $-52.0 \%$ | $-41.5 \%$ |
| Residual Fuel Oil | - | $-15.6 \%$ | $-2.3 \%$ | $28.1 \%$ | $-29.7 \%$ |
| Propane/Propylene | - | $-8.5 \%$ | $-11.6 \%$ | $-39.9 \%$ | $-16.4 \%$ |
| Other Oils | - | $-3.3 \%$ | $-9.7 \%$ | $17.8 \%$ | $-10.4 \%$ |
| Total Imports | - | $\mathbf{- 9 . 5 \%}$ | $\mathbf{- 1 1 . 4 \%}$ | $\mathbf{0 . 9 \%}$ | $\mathbf{- 1 4 . 3} \%$ |

[^1]Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

September 2019 Weekly U.S. Demand for Petroleum Products
4-Week, Averages

## All Petroleum Products, million barrels per day



## U.S. Consumption by Product \& Percent Change

U.S. Consumption by Product, thousand barrels per day

|  | Current | 1 Month | 3 Months | 6 Months | 1 Year |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  | $9 / 13 / 19$ | Ago | Ago | Ago | Ago |
| All Products | 21,383 | 21,461 | 20,709 | 21,065 | 21,376 |
| Motor Gasoline | 9,529 | 9,692 | 9,660 | 9,148 | 9,704 |
| Distillate Fuel Oil | 3,961 | 3,847 | 4,025 | 4,220 | 4,042 |
| Jet Kerosene | 1,787 | 1,908 | 1,822 | 1,847 | 1,812 |
| Residual Fuel Oil | 356 | 333 | 331 | 232 | 394 |
| Other Products | 5,750 | 5,681 | 4,871 | 5,618 | 5,424 |

U.S. Consumption by Product, Change from

|  | Current | 1 Month | 3 Months | 6 Months | 1 Year |
| ---: | :---: | :---: | :---: | :---: | :---: |
|  | $9 / 13 / 19$ | Ago | Ago | Ago | Ago |
| All Products | - | $-0.4 \%$ | $3.3 \%$ | $1.5 \%$ | $0.0 \%$ |
| Motor Gasoline | - | $-1.7 \%$ | $-1.4 \%$ | $4.2 \%$ | $-1.8 \%$ |
| Distillate Fuel Oil | - | $3.0 \%$ | $-1.6 \%$ | $-6.1 \%$ | $-2.0 \%$ |
| Jet Kerosene | - | $-6.3 \%$ | $-1.9 \%$ | $-3.2 \%$ | $-1.4 \%$ |
| Residual Fuel Oil | - | $6.9 \%$ | $7.6 \%$ | $53.4 \%$ | $-9.6 \%$ |
| Other Products | - | $1.2 \%$ | $18.0 \%$ | $2.3 \%$ | $6.0 \%$ |

## September 2019 Weekly U.S. Exports of Crude Oil \& Petroleum Products

4-Week Averages

Exports, million barrels per day


Share of Total Exports


| U.S. Exports by Product* | Thousand barrels per day |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Current | 1 Month | 3 Months | 6 Months | 1 Year |
|  | $9 / 13 / 19$ | Ago | Ago | Ago | Ago |
| Total Crude Oil | $\mathbf{3 , 1 3 8}$ | $\mathbf{2 , 4 8 1}$ | $\mathbf{3 , 2 9 0}$ | $\mathbf{3 , 0 2 5}$ | $\mathbf{1 , 8 7 1}$ |
| Total Products | $\mathbf{5 , 2 0 3}$ | $\mathbf{5 , 3 0 5}$ | $\mathbf{5 , 1 0 8}$ | $\mathbf{4 , 9 2 8}$ | $\mathbf{4 , 7 4 8}$ |
| Total Motor Gasoline | 712 | 679 | 639 | 829 | 610 |
| Kerosene-Type Jet Fuel | 228 | 230 | 178 | 168 | 180 |
| Distillate Fuel Oil | 1,400 | 1,496 | 1,369 | 1,118 | 1,217 |
| Residual Fuel Oil | 228 | 280 | 259 | 234 | 248 |
| Propane/Propylene | 977 | 1,001 | 1,139 | 839 | 841 |
| Other Oils | 1,659 | 1,620 | 1,524 | 1,740 | 1,653 |
| Total Exports | $\mathbf{8 , 3 4 1}$ | $\mathbf{7 , 7 8 6}$ | $\mathbf{8 , 3 9 8}$ | $\mathbf{7 , 9 5 3}$ | $\mathbf{6 , 6 1 8}$ |

U.S. Exports by Product, Change from

|  | Current | 1 Month | 3 Montbs | 6 Months | 1 Year |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $9 / 13 / 19$ | Ago | Ago | Ago | Ago |
| Total Crude Oil | - | $\mathbf{2 6 . 5 \%}$ | $\mathbf{- 4 . 6 \%}$ | $\mathbf{3 . 7 \%}$ | $67.7 \%$ |
| Total Products | - | $\mathbf{- 1 . 9} \%$ | $\mathbf{1 . 9 \%}$ | $\mathbf{5 . 6 \%}$ | $\mathbf{9 . 6 \%}$ |
| Total Motor Gasoline | - | $4.9 \%$ | $11.4 \%$ | $-14.1 \%$ | $16.7 \%$ |
| Kerosene-Type Jet Fuel | - | $-0.9 \%$ | $28.1 \%$ | $35.7 \%$ | $26.7 \%$ |
| Distillate Fuel Oil | - | $-6.4 \%$ | $2.3 \%$ | $25.2 \%$ | $15.0 \%$ |
| Residual Fuel Oil | - | $-18.6 \%$ | $-12.0 \%$ | $-2.6 \%$ | $-8.1 \%$ |
| Propane/ Propylene | - | $-2.4 \%$ | $-14.2 \%$ | $16.4 \%$ | $16.2 \%$ |
| Other Oils | - | $2.4 \%$ | $8.9 \%$ | $-4.7 \%$ | $0.4 \%$ |
| Total Exports | - | $\mathbf{7 . 1 \%}$ | $\mathbf{- 0 . 7 \%}$ | $\mathbf{4 . 9 \%}$ | $\mathbf{2 6 . 0 \%}$ |

[^2]Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

## September 2019 Weekly U.S. Net Imports of Crude Oil \& Petroleum Products <br> 4-Week. Averages, Thousand barrels per day

## Crude Oil Net Imports

8,000


| Products Net Imports | Change |
| ---: | ---: | :---: |
| Thousand barrels per day | from |$|$| $9 / 13 / 19$ | $-3,058$ |  |
| :---: | :---: | :---: |
| Month Ago | $-2,767$ | - |
| 3 Months Ago | $-2,650$ | - |
| 6 Months Ago | $-2,862$ | - |
| 1 Year Ago | $-2,188$ | - |


| Crude Oil Net Imports | Change |
| ---: | ---: | :---: |
| Thousand barrels per day | from |$|$| $9 / 13 / 19$ | 3,514 |  |
| ---: | ---: | :---: |
| Month Ago | 4,705 | $-25.3 \%$ |
| 3 Months Ago | 4,177 | $-15.9 \%$ |
| 6 Months Ago | 3,624 | $-3.0 \%$ |
| 1 Year Ago | 5,833 | $-39.8 \%$ |


| Total Net Imports | Cbange |
| ---: | ---: | :---: |
| Thousand barrels per day | from |$|$| $9 / 13 / 19$ | 457 |  |
| ---: | ---: | :--- |
| Month Ago | 1,938 | $-76.4 \%$ |
| 3 Months Ago | 1,527 | $-70.1 \%$ |
| 6 Months Ago | 762 | $-40.0 \%$ |
| 1 Year Ago | 3,645 | $-87.5 \%$ |

Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

## U.S. Natural Gas Production \& Stocks

June 2019 Production
Total U.S. Production, Billion cubic feet (Bff)


September 2019 Weekly Stocks
U.S. Natural Gas Stocks, Billion cubic feet (Bcf)
4.5

0.5

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec $\square 5$ year range ----5 year average - 2018 Stocks
U.S. Natural Gas, Billion cubic feet (Bcf)

|  | Current | 1 Month | 3 Months | 6 Months | 1 Year |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Period $^{*}$ | Ago | Ago | Ago | Ago |
| U.S. Production | 2,943 | 3,009 | 3,005 | 2,957 | 2,641 |
| U.S. Stocks | 3,103 | 2,797 | 2,203 | 1,143 | 2,722 |

U.S. Natural Gas, Change from

|  | Current | 1 Month | 3 Months | 6 Months | 1 Year |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Period* | Ago | Ago | Ago | Ago |
| U.S. Production | - | $-2.2 \%$ | $-2.1 \%$ | $-0.5 \%$ | $11.4 \%$ |
| U.S. Stocks | - | $10.9 \%$ | $40.9 \%$ | $171.5 \%$ | $14.0 \%$ |

Share of Production


Top Producing States, Billion cubic feet (Brf)


[^3]Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

## Definitions:

West Texas Intermediate: A crude oil produced in Texas and southern Oklahoma which serves as a reference or "marker" for pricing a number of other crude streams and is traded in the domestic spot market at Cushing, Oklahoma.

Brent: A blended crude oil produced in the North Sea region which serves as a reference or "marker" for pricing a number of other international crude streams.

Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Refined petroleum products include but are not limited to gasolines, kerosene, distillates (including No. 2 fuel oil), liquefied petroleum gas, asphalt, lubricating oils, diesel fuels, and residual fuels.

Notes:
Page 2: Petroleum Administration for Defense Districts (PADD) are geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation. For more information, visit: bttp:/ / www.eia.gov/ petroleum/ supply/ monthly/pdf/ append.pdf

Page 3: For OPEC countries \& the U.S., only crude oil production data is used. For non-OPEC countries (excluding the U.S.) total petroleum production data is used. Total petroleum production includes includes production of crude oil (including lease condensates), natural gas plant liquids, biofuels, other liquids, and refinery processing gains.

Page 5: The active rig count is the number of rigs actively exploring for or developing oil or natural gas. Rig counts provide an indicator of new drilling activity and potential for expanded crude oil or natural gas production.

Pages 10: Crude oil stocks are stocks of crude oil and lease condensate held at refineries, in pipelines, at pipeline terminals, and on leases.
Crude oil stocks for Cushing include domestic and foreign crude oil stocks held in tank farms in Lincoln, Payne, and Creek counties in Oklahoma. Cushing, Oklahoma, is the designated delivery point for NYMEX crude oil futures contracts.

Days of supply are calculated by taking the current stock level and dividing by product supplied (used as an estimate of demand) averaged over the most recent four-week period. For crude oil, refinery inputs of crude oil are used as a proxy for demand.

Notes:
Page 11: Petroleum Consumption approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas-processing plants, blending plants, pipelines, and bulk terminals.

## Data Revisions

Most data are revised periodically to correct for errors and incorporate additional information as it becomes available. Data shown in this report are subject to change.

## Regional Economic Analysis

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[^0]:    Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

[^1]:    *Totals may not sum due to component rounding

[^2]:    *Totals may not sum due to rounding

[^3]:    *U.S. production is monthly data \& stocks are weekly data

