

Energy Market Monitoring and Assessment Resources



For

NASEO

Western Regional Emergency Fuel Coordination Meeting

September 29, 2016 | Washington, D.C.

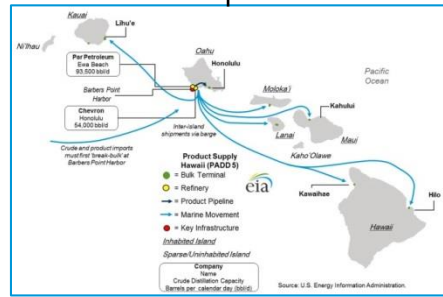
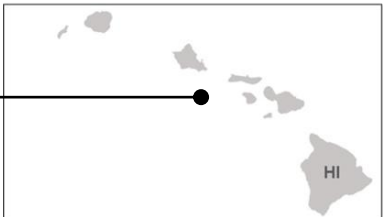
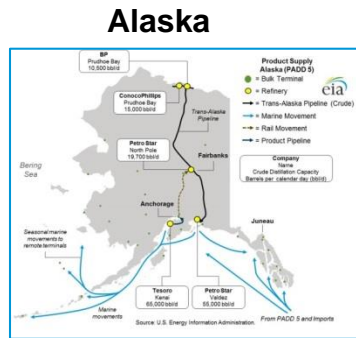
By

Hannah Breul, Petroleum Markets Analysis Team Lead

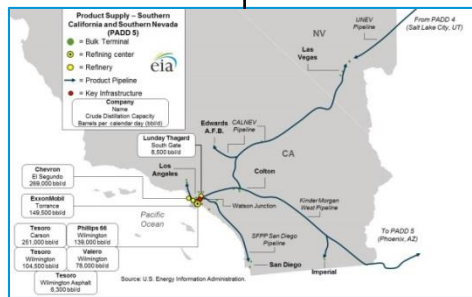
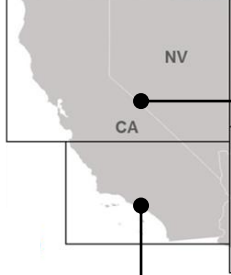
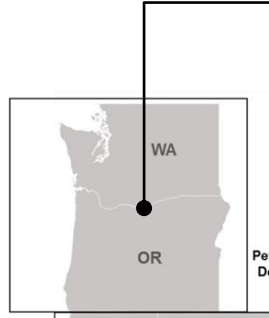
EIA has many resource that can help state officials

- Regional transportation fuels market studies
- Refinery outage report
- *This Week in Petroleum*, *Today in Energy*, Energy Explained, Energy in Brief
- Daily Energy Report
- State energy pages
- Energy disruptions map
- EIA petroleum data

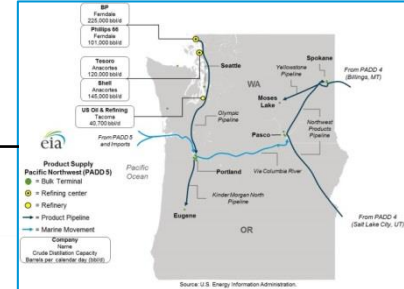
PADD 5 comprises 6 distinct regional markets across 7 states



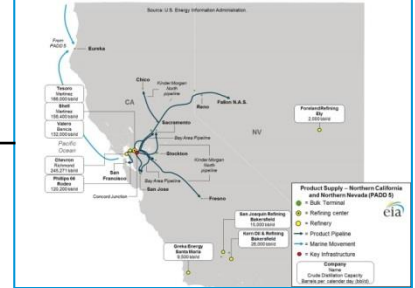
Hawaii



Southern California and Southern Nevada



Pacific Northwest

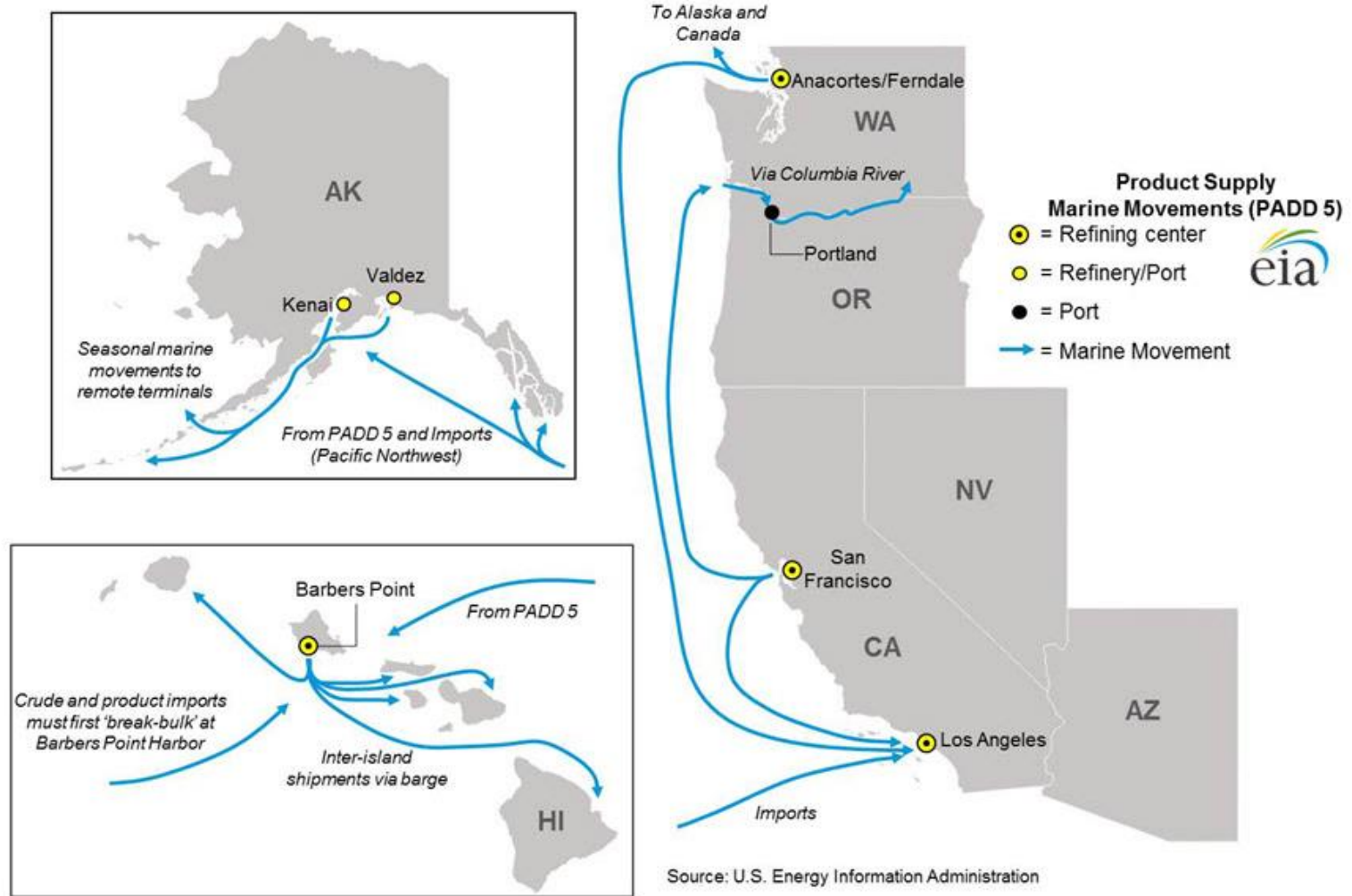


Northern California and Northern Nevada



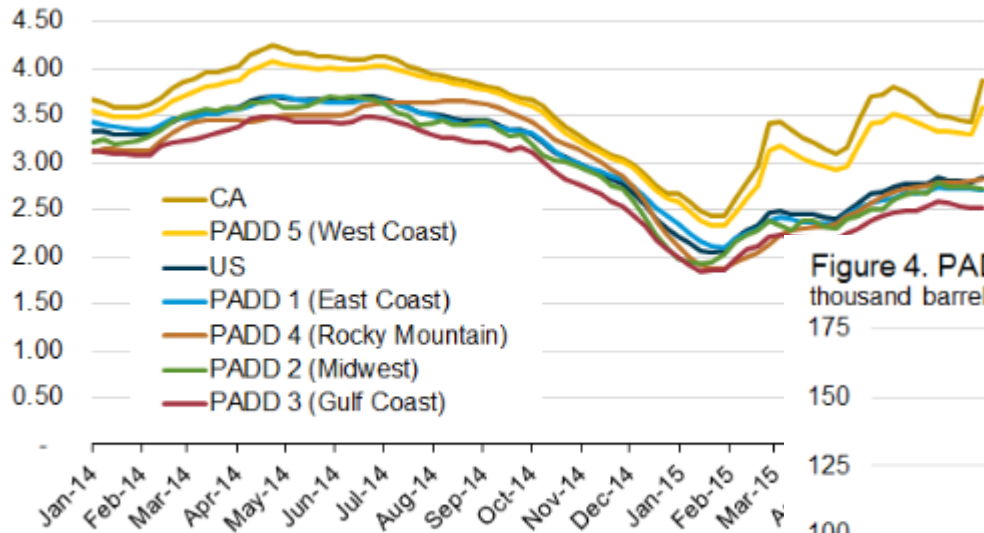
Arizona

Marine movements connect regional supply and demand markets



EIA analyzes price and supply dynamics during outages

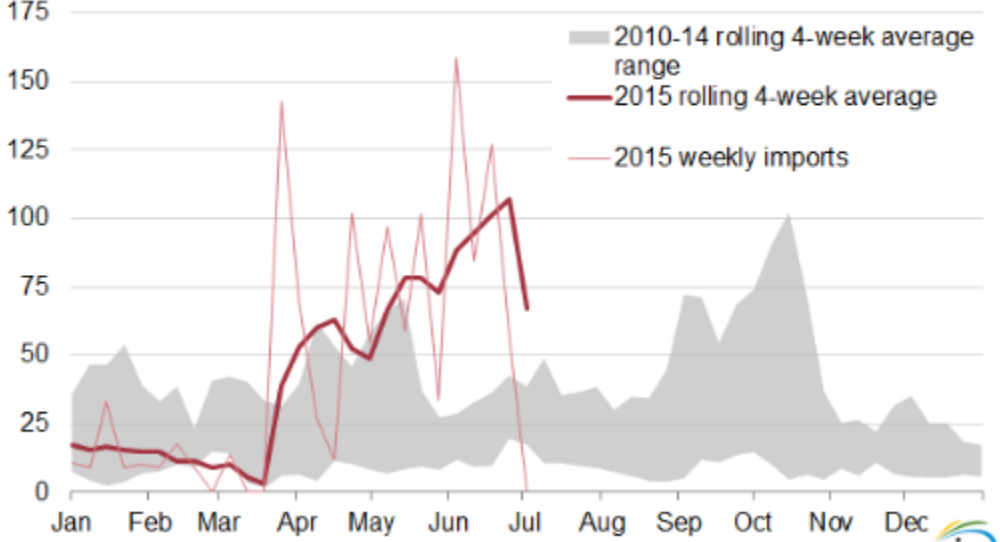
Figure 2. Weekly regular gasoline retail price
dollars per gallon



Source: U.S. Energy Information Administration, Gasoline and Diesel Fuel Update. Petroleum Administration for Defense Districts used by EIA for regional petroleum



Figure 4. PADD 5 motor gasoline imports, rolling 4-week average
thousand barrels per day



Source: U.S. Energy Information Administration, Weekly Petroleum Status Report. eia

The most recent study looks at the Gulf Coast and East Coast regions together because of the high degree of connectivity between those markets

Figure 3. U.S. East Coast (PADD 1) and Gulf Coast (PADD 3) transportation fuels product flows

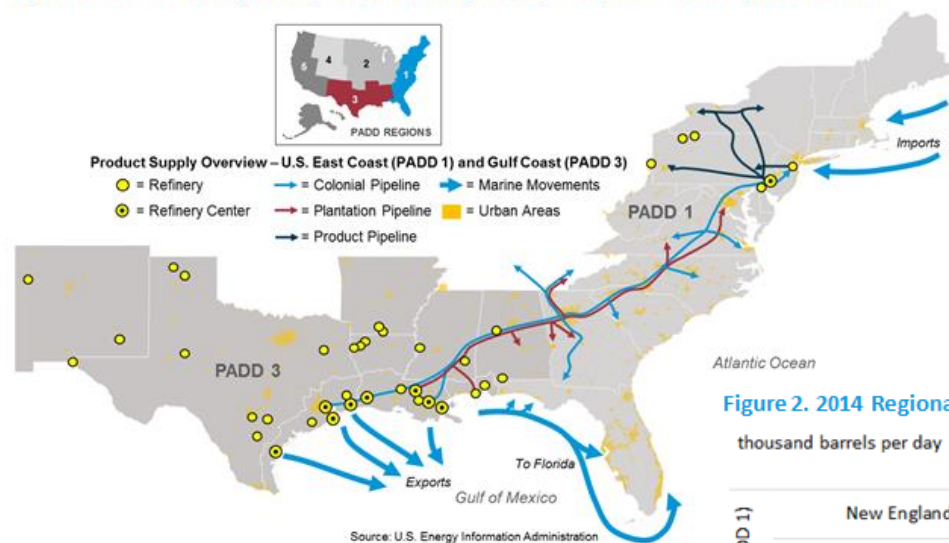
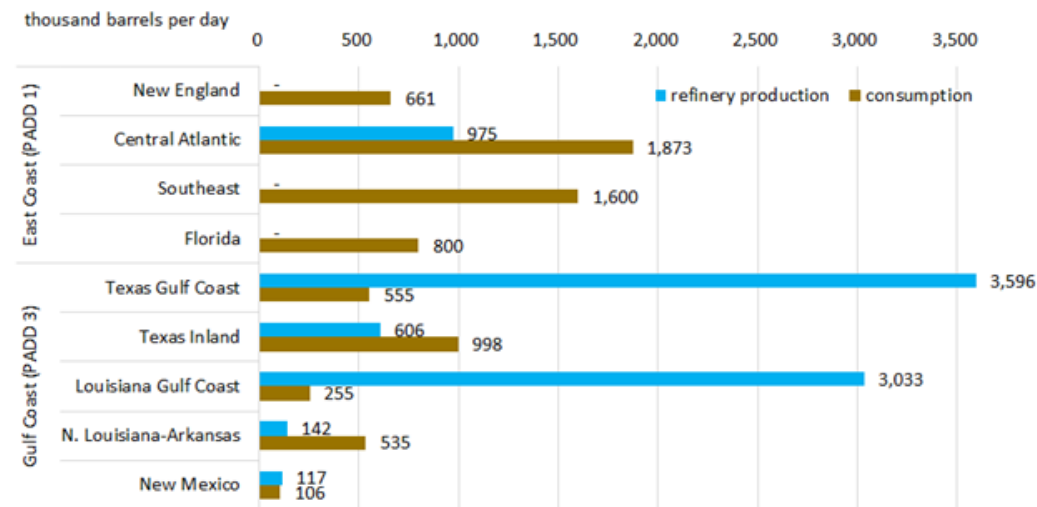


Figure 2. 2014 Regional transportation fuels production/consumption balance



EIA provides daily summary of Southern California energy conditions

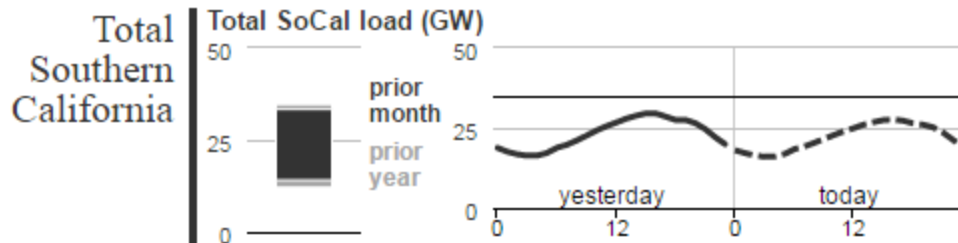
SOUTHERN CALIFORNIA DAILY ENERGY REPORT

Dashboard last updated: September 28, 2016 | Commentary last updated: September 19, 2016 | [ARCHIVED REPORTS](#)

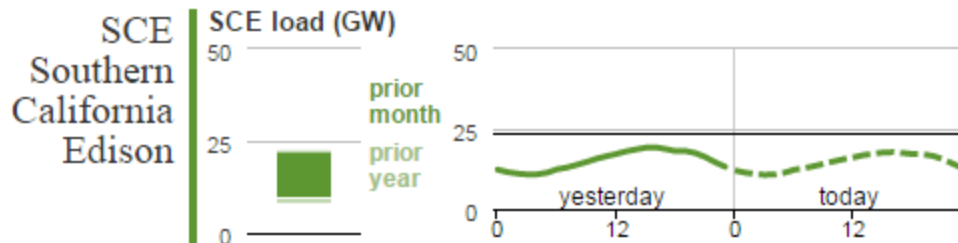
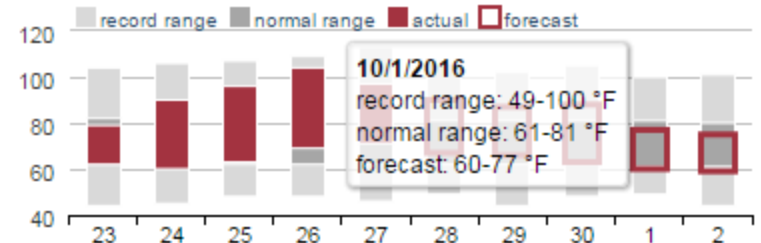
DASHBOARD

COMMENTARY

[PDF](#) [Print](#) [Take a tour](#)

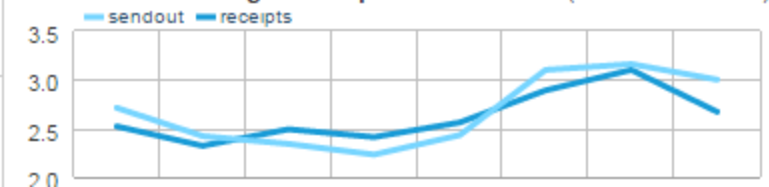


Los Angeles temperature degrees Fahrenheit



Southern California Gas (SoCalGas)

SoCalGas natural gas receipts and sendout (billion cubic feet)

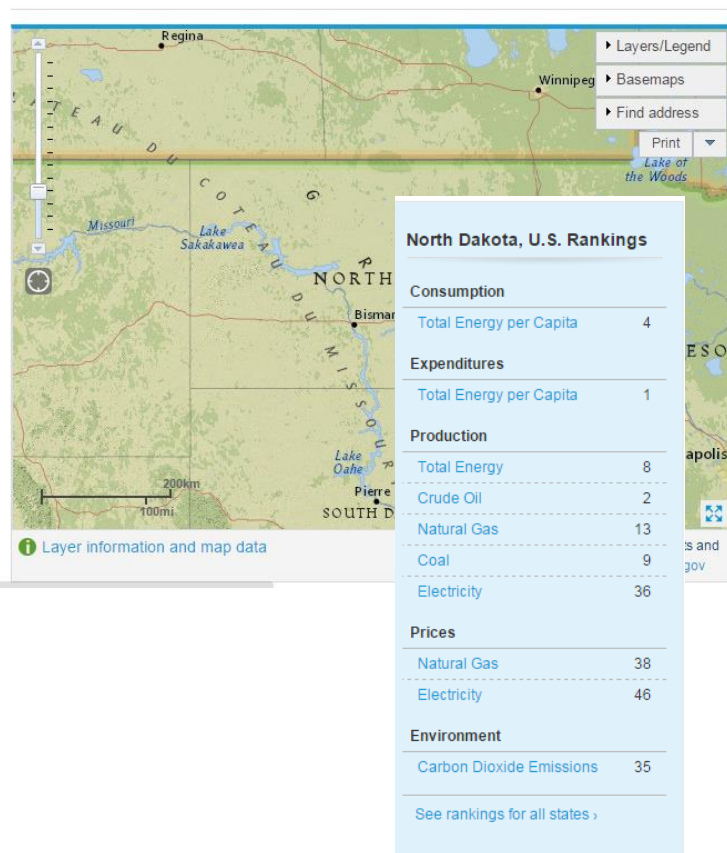


State energy pages contain comprehensive data

QUICK FACTS

- In 2013, North Dakota was the second largest crude oil-producing state in the nation and accounted for over 11.5% of total U.S. crude oil production; a 177% increase in production from 2010 to 2013

Profile Overview

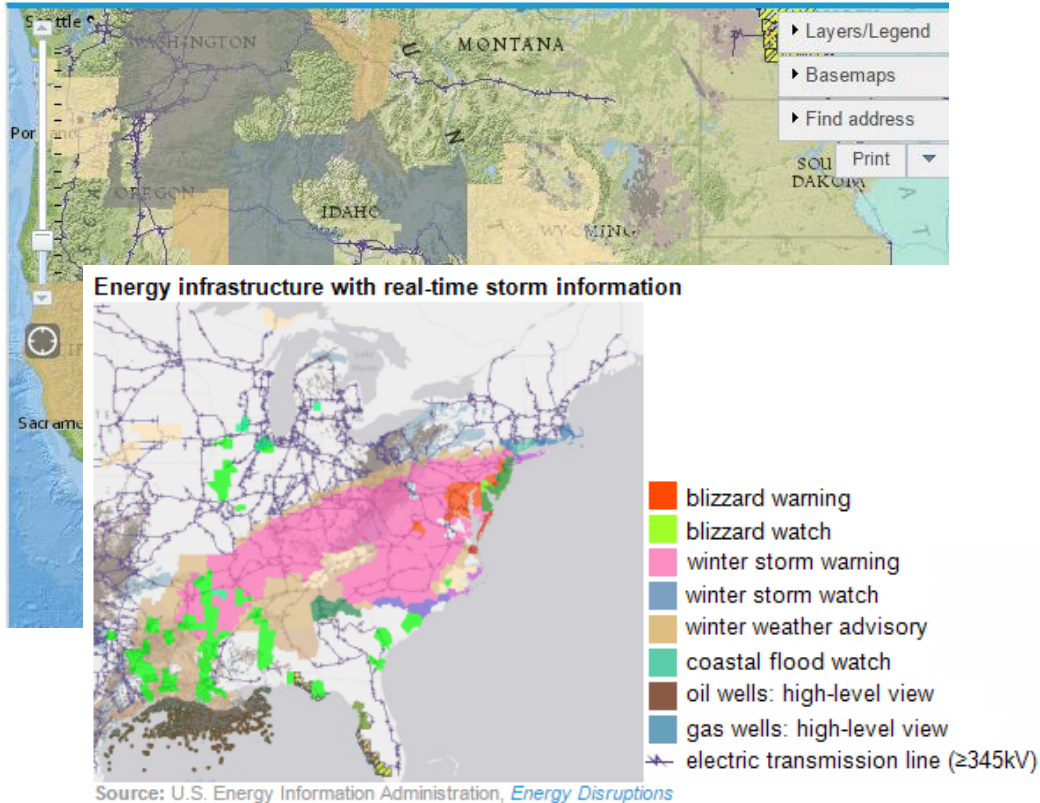


States pages contain:

- Maps with the location of all energy-related infrastructure
- Quick facts
- Consumption data by sector and fuel source
- Production data
- Electricity data
- State rankings on selected metrics
- Prices (when available)
- Emission data

Energy disruptions map

Energy Infrastructure with Real-Time Storm Information



The energy disruptions map includes:

- energy-related infrastructure
 - refineries
 - power plants
 - major transmission lines
- real-time storm information from the National Weather Service
- links to DOE resources

Petroleum Data Characteristics

- **Weekly Data**
 - Emphasis is on timely release within days of report period end
 - Best used as an early indicator of trends
 - Typically based on sample surveys and estimates
- **Monthly Data**
 - Typically released within 60 days after the end of the report period
 - Accuracy is generally improved relative to weekly data
 - Includes more data based on a complete census of in-scope operators
 - Monthly data include more detail than weekly reports
- **Annual Data**
 - Includes monthly revisions, and considered the most accurate data
 - Some data are only available annually (e.g., refinery capacity, and end use demand of fuel oil and kerosene)

Popular products produced by the Office of Petroleum and Biofuels Statistics

- **Weekly**
 - Weekly Petroleum Status Report
 - Gasoline and Diesel Fuel Retail Prices
 - Residential heating oil and propane prices (October through mid-March)
 - This Week In Petroleum (excluding the feature article)
- **Monthly**
 - Petroleum Supply Monthly
 - Company Level Imports
 - Biodiesel Production Report
 - Petroleum Marketing Monthly
 - Prime Supplier Report
- **Annual**
 - Petroleum Supply Annual
 - Annual Refinery Capacity Report
 - Fuel Oil and Kerosene Sales Report

For more information

U.S. Energy Information Administration home page | www.eia.gov

Short-Term Energy Outlook | www.eia.gov/steo

Annual Energy Outlook | www.eia.gov/aeo

International Energy Outlook | www.eia.gov/ieo

Monthly Energy Review | www.eia.gov/mer

Today in Energy | www.eia.gov/todayinenergy

State Energy pages | www.eia.gov/state