

An Innovative Web Portal for Accessing and Analyzing DOE Data

PIRA DOE WEEKLY PETROLEUM DATA

In order to provide the most immediate and versatile access to the industry's most important data, PIRA has launched the DOE Weekly Petroleum Data web portal. Updated every Wednesday (Thursday if preceded by a Monday holiday) after the DOE releases its "Weekly Petroleum Status Report," the portal provides historical and current data sets conveniently bundled into reports, tables, and charts for immediate access and ready reference. Through the portal's highly functional, yet easy-to-use interface, this wealth of data can also be queried, allowing users to create their own customized data series, which in turn can be easily charted or exported into a variety of formats. Whether through its pre-defined reports or user-customized data sets, the DOE Weekly Petroleum Data portal gives users the necessary tools to conduct their own analysis and identify trends as they emerge.

A Value-Added Service

The Weekly Petroleum Data portal is not merely a convenient way to access and format the DOE data – which is available to the public in TXT, CSV, and XLS formats on the DOE Website. PIRA has created a tool that guides users toward mining the right data in the most efficient manner in order for them to conduct the kind of analysis that PIRA itself does when creating its *Weekly DOE Analysis* report. With a click of the mouse, the user can launch a concise report that PIRA deems critical to have. Furthermore, analysts who now manually download file after file and painstakingly manipulate the data will be able to create the exact report they like – in the desired format – in a matter of seconds. And finally, PIRA has captured and stored all this data into a queriable archive (to 1982), allowing quick analysis of week-on-week, month-on-month, and year-on-year trends.

The screenshot shows a web browser displaying the "DOE Weekly Petroleum Data" portal. The main content area is titled "DOE Weekly Crude Oil Balance" and contains a table with the following columns: Week Ending, Field Production, Imports, Adjustments, Stock Change, Crude Runs, Exports, and Ending Stocks. The data spans from 11/11/00 to 7/18/08.

Week Ending	Field Production	Imports	Adjustments	Stock Change	Crude Runs	Exports	Ending Stocks
11/11/00	5,437	9,881	-140	48	11,214	38	276,313
12/04/00	5,431	5,114	-64	-17	10,530	38	274,207
02/13/01	5,437	10,424	-241	286	11,304	38	276,429
03/05/01	5,488	9,488	-58	87	14,918	38	277,017
02/25/02	5,482	10,805	-218	242	14,807	38	279,402
03/14/02	5,489	10,979	-114	487	14,929	37	303,629
03/18/02	5,584	10,442	-18	326	11,118	38	308,212
03/18/02	5,488	10,270	-135	585	14,960	38	309,319
03/15/02	5,496	10,569	-131	769	15,102	38	314,792
04/01/02	5,584	9,938	-87	337	11,014	38	317,052
04/08/02	5,420	9,803	-487	522	10,246	38	319,718
04/15/02	5,441	9,210	-19	-213	10,262	38	318,940
04/22/02	5,433	10,061	-114	174	11,300	38	314,088
04/29/02	5,423	10,279	100	383	10,292	38	317,028
05/06/02	5,530	9,992	262	281	11,364	37	320,704
05/13/02	5,521	10,819	-218	420	11,524	38	319,447
05/20/02	5,529	10,311	-328	-241	10,640	38	320,348
05/27/02	5,523	10,490	94	212	11,096	38	311,948
06/03/02	5,518	10,220	-110	445	11,088	37	319,714
06/10/02	5,542	10,117	-58	-255	11,340	37	320,971
06/17/02	5,541	10,177	28	-226	11,501	37	321,292
06/24/02	5,579	10,371	118	289	11,379	37	320,496
07/01/02	5,488	10,219	258	518	11,464	38	324,083
07/08/02	5,483	9,974	125	-187	11,450	38	320,984

Weekly Crude Oil Balance Table (in HTML)

If your company relies on DOE data as the foundation to understanding and forecasting U.S. oil markets, PIRA's DOE Weekly Petroleum Data portal is a must have.

Components of the PIRA DOE Weekly Petroleum Data Portal

The portal is divided into 5 sections:

1. Crude and Product Balances

In this section, users can view **latest weekly crude and product supply/demand balances** for the U.S. These balances provide an effective road map to estimate and anticipate run levels and import/exports, creating a basis to view the impact of increasing, or decreasing, product demand in the U.S. Ultimately, inventory levels drive relative prices, and these are determined by the balances.

The data categories in this section include:

- Field Production
- Imports
- Stock Change
- Crude Runs
- Exports
- Products Supplied
- Ending Stocks

2. Six-Year Comparison Reports

This section provides ready-made or user-defined data tables that create a snapshot of six-year actuals as well as week-on-week and year-on-year data comparisons. The tables offer a quick way for users to see emerging trends and seasonal patterns on a multitude of products and locations. It is divided into **two sub-sections: Standard and Custom**. The Standard sub-section provides PIRA-defined tables; the Custom sub-section allows the user to aggregate products and locations.

Six-Year Comparison Reports include DOE weekly data for:

- Total Commercial Stocks
- Commercial Stocks, by PADD
- Crude and Four Major Products Stocks
- Total Products Stocks
- Crude Oil Commercial Stocks, by PADD
- Distillate Stocks
- Distillate Stocks, by PADD
- Distillate Stocks for Central Atlantic
- Distillate Stocks for Lower Atlantic
- Distillate Stocks for New England
- Total Gasoline Stocks, by PADD
- Gasoline Blending Components Stocks
- Reformulated Gasoline Stocks, by PADD
- HS Distillate Stocks, by PADD
- LS Distillate Stocks, by PADD
- Jet Kerosene Stocks
- Residual Fuel Oil Stocks
- Unfinished Oils Stocks
- Products Supplied
- Products Four Major Products Supplied
- Finished Gasoline Products Supplied
- Distillate Products Supplied
- Jet Kerosene Products Supplied
- Residual Fuel Oil Products Supplied
- Other Products Supplied
- Crude Oil Commercial Imports
- Finished Gasoline Imports
- Reformulated Gasoline Imports
- Gasoline Blending Components Imports
- Total Gasoline Imports
- Distillate Imports
- Jet Kerosene Imports
- Residual Fuel Oil Imports
- Crude Oil Refinery Inputs
- Crude Oil Days Supply Forward Cover
- Gasoline Days Supply Forward Cover
- Distillate Days Supply Forward Cover
- Residual Fuel Oil Days Supply Cover
- Jet Kero Days Supply Forward Cover
- Four Major Products Days Supply Cover
- Gasoline Yields on Crude (%)
- Distillate Yields on Crude (%)
- Residual Yields on Crude (%)
- Jet Kero Yields on Crude (%)

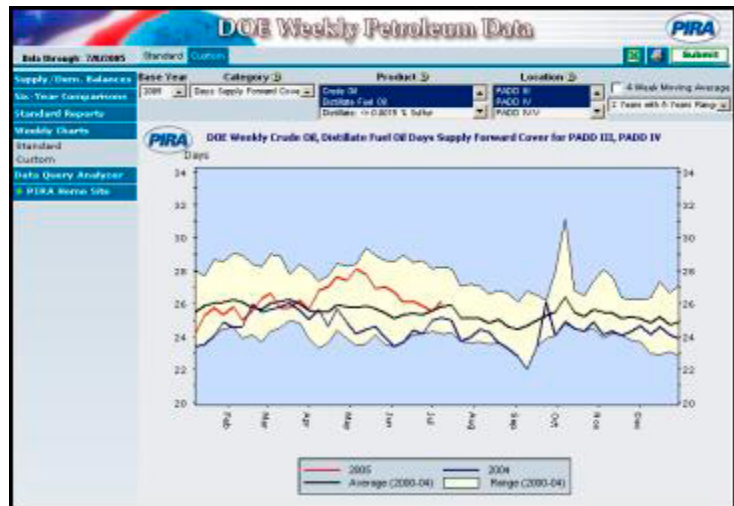
3. Standard Reports

This section includes four standard PIRA-prepared reports that use key DOE data to provide instant statistical analysis – conveniently formatted – of market-moving trends, saving users valuable time. **The four reports in this section include:**

- **Summary of DOE Weekly Statistics** – Provides latest four weeks of data and four-week averages (current and year-ago) for refinery input and output, stocks, imports, and yields. This table appears in PIRA’s *DOE Weekly Analysis* report.
- **DOE Weekly Major Product Stocks** – Detailed breakdown, by location, of motor gasoline, reformulated gasoline, distillate, jet kero, and residual fuel oil.
- **DOE Weekly Petroleum Production, Crude Runs and Yields** – Broken down by PADD.
- **DOE Weekly Commercial Crude Oil Cumulative Stock Change** – Provides the cumulative stock change through an itemization of production, imports, SPR, and crude runs.

4. Weekly Charts

Similar to the Six-Year Comparison section, the Weekly Charts section provides a convenient interface to create either ready-made or user-defined charts that graph the yearly trend, and how that trend compares to the prior year and to a five-year range. It is divided into **two sub-sections: Standard and Custom**. The Standard sub-section contains PIRA’s predefined charts selection for key data segments, with the user able to determine which is the base year. The custom sub-section allows the user to aggregate products and locations and determine the type of chart.



Custom-Made Chart

Create a custom chart by...

Choosing a category...

- Closing Commercial Stocks
- Closing Government Stocks
- Days Supply Forward Cover**
- Exports
- Field Production
- Imports: Commercial
- Imports: Government
- Imports: Net
- Imports: Total
- Inputs: Refinery
- Operable Capacity
- Product Supplied
- Refinery Net Output
- Refinery Yields

then product(s)...

- Crude Oil**
- Distillate Fuel Oil**
- Distillate Fuel Oil by Type
- Jet Fuel Kerosene
- Jet Kero - Commercial
- Jet Kero - Military
- Motor Gasoline, by Type
- Other Oils (API)
- Other Products
- Propane/Propylene
- RFO: Residual Fuel Oil
- Total Product and Crude
- Total Products
- Unfinished Oils

and location(s)...

- Central Atlantic
- Lower Atlantic
- New England
- PADD I
- PADD II
- PADD II - Cushing, OK
- PADD III**
- PADD IV**
- PADD IV-V
- PADD V
- Total U.S.

5. Data Query Analyzer

This section gives DOE Weekly Petroleum Data portal users timely and convenient access to constantly updated weekly data as well as charting, aggregation and “drill-down” capabilities. User-defined queries can generate data tables for any category, product, location – or combination of them – for any date. Flexibility in data retrieval allows the user to view the requested information for that date over history in order to examine historical market structure and relationships.

The Data Query Analyzer section is divided into three subsections:

- **Aggregate by PADD** - This subsection allows users to create, for a particular category and product(s), an aggregated total across any combination of PADDs. For example:

Total commercial imports of crude oil and distillate fuel oil in PADDs I, II, and III.

- **Aggregate by Product** - This subsection allows users to create, for a particular category and location(s), an aggregated total across any combination of products. For example:

Closing commercial stocks in PADDs IV and V of jet fuel and motor gasoline.

- **Drill Down** - This section allows users to “drill down” within all available data categories for a specific time period. Data are conveniently structured by individual category, product and location. For example:

[Refinery inputs of crude oil from the week of May 6, 2005, to the week of July 1, 2005, by region.](#)



		PADD I	West England	Central Atlantic	East Atlantic	PADD II	PADD II - Cushing, Oklahoma	PADD III	PADD IV	PADD IV - V	PADD V	Total U.S.	
<input type="checkbox"/> Crude Oil	05/06/05		1,685			3,462		7,209	583			2,467	15,366
	05/13/05		1,648			3,447		7,408	589			2,495	15,524
	05/20/05		1,613			3,408		7,667	579			2,518	15,343
	05/27/05		1,694			3,403		7,705	576			2,714	16,098
	06/03/05		1,721			3,499		7,651	688			2,671	16,050
	06/10/05		1,681			3,556		7,777	696			2,731	16,341
	06/17/05		1,842			3,320		7,740	642			2,764	16,368
	06/24/05		1,618			3,486		7,317	659			2,748	16,278
	07/01/05		1,535			3,489		8,031	587			2,822	16,444
<input type="checkbox"/> Total Product and Crude													

Options for Purchasing the DOE Weekly Petroleum Data Portal

The DOE Weekly Petroleum Data portal is available on an annual subscription basis and can be purchased on a single-user or multi-user basis. Discounts are offered to PIRA Global Oil Retainer Clients and to clients of PIRA’s Oil Products Trading Analyzer.

See the **Acceptance Form** on the following page for more information.

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ACCEPTANCE FORM

(Company Name) _____ wishes to become a client of the PIRA DOE Weekly Petroleum Data portal. Circle applicable fee below.

	Annual Fee by Company Type		
License Size	Oil Retainer Client	Oil + OPTA* Client	Non-Client
Single User	\$6,000	\$4,500	\$9,000
Up to 5 Users	\$7,500	\$5,500	\$12,000
Up to 15 Users	\$9,500	\$7,000	\$14,500
More than 15	Contact PIRA		

*Oil Products Trading Analyzer.

The above prices assume usage is limited to a single business location ("site"). Companies requiring access at two or more sites, or usage beyond 15, should contact PIRA for licensing terms and pricing.

Company: _____

Name of Primary Contact: _____

Title/Department _____

Address: _____

Phone/Fax: _____

E-mail: _____

Signature: _____

PLEASE MAIL OR FAX TO: PIRA Energy Group
Attn.: Managing Director, Client Services
3 Park Avenue, 26th Floor
New York, NY 10016-5989
Phone: (212) 686-6808; Fax: (212) 686-6628

**FOR MORE INFORMATION,
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sales@pira.com

Note: The PIRA DOE Weekly Petroleum Data portal contains no confidential technical information, to the best knowledge of PIRA. However, except for information, which is or becomes available to the public in printed publication, or is already in the possession of subscriber or developed independently by subscriber, or is received by subscriber in good faith from a third party, any information in the service is for the sole and confidential use of the subscriber. Subscribers agree to use reasonable efforts to protect the confidential nature of the information supplied to them as part of this service.