



California Energy Commission

Data Collection Activities of the Transportation Fuels Data Unit (TFDU)

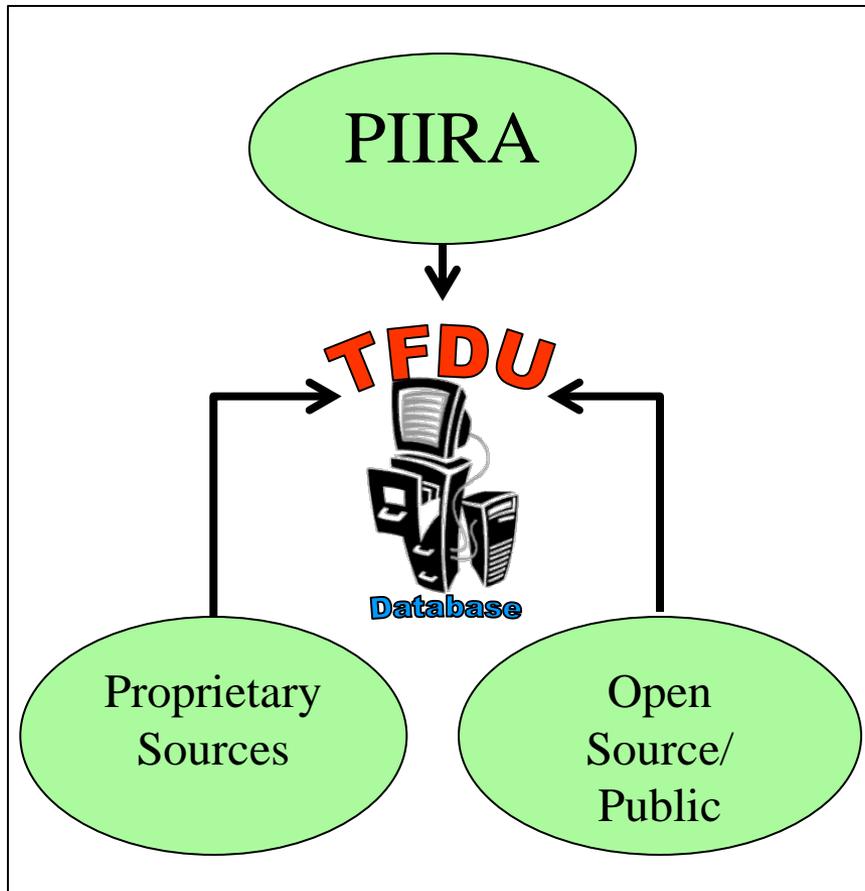
Petroleum Market Advisory Committee Meeting
Haas School of Business, UC Berkeley

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3 Type of Data Collected



- Petroleum Industry Information Reporting Act or PIIRA (1980): California specific petroleum industry data.
- Proprietary Sources: data subscriptions
- Open Source: Public sources information



PIIRA has:

- Refinery production, imports and exports of petroleum products, terminal inventory levels, and retail sales volumes (Information ranges from weekly to annual)
- Individual company level data is confidential; only aggregated totals can be reported publically
- Forms can be found at:
<http://www.energy.ca.gov/piira/>



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PIIRA Industry Survey Forms

Section of Industry	Forms collected under PIIRA
Marine and Pipeline Movements	W700 & M700 Import/Export and Movements
	Kinder Morgan Filings
Refining Operations	EIA800, W800 Weekly Refinery Report with California Addendum
	EIA810, M810 Monthly Refinery Report with California addendum
	M13 Refinery Monthly Fuel Use Report
	EIA820 Annual Refinery Report
	A04 Refinery Annual Report
Terminal Storage	W08, M08 Major Petroleum Product Storer and Terminal Report
	A08 Major Petroleum Products Storer Annual Tank Report
Trucking and Jobber Activities	W900, M900 Dealer Tank Wagon Price Report
	A06 Major Petroleum Product Transporter Annual Report
	M782B Monthly Sales Report
Retail Sales Volumes	A15 Retail Fuel Outlet Survey Annual Report



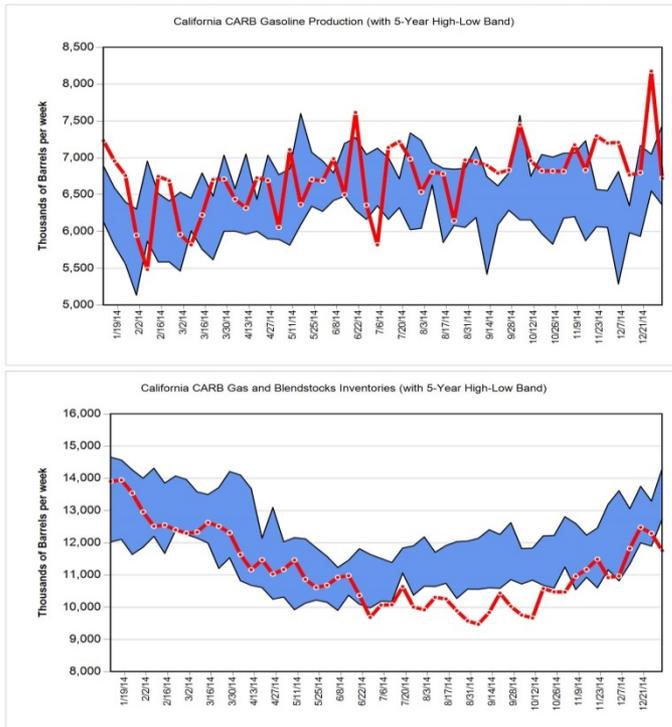
PIIRA Caveats:

- Daily or weekly import and export movements
- Reporting below the state level difficult
- Retail level reporting is on an annual basis and only collects sales volumes
- Reporting compliance isn't perfect, ranges from **95 percent** to **80 percent**
- Outside of the Dealer Tank Wagon 900 form, PIIRA doesn't collect pricing information



PIIRA Reports:

Weekly Fuels Summary - Wednesday, January 07, 2015



PIIRA data can be found in:

- Weekly Fuels Summary
- Petroleum Watch (more later)



Proprietary Sources are:

- Oil Price Information Service (OPIS):
Daily pricing information
- Port Import/Export Reporting Service (PIERS): Marine vessels data
- Platts C-Flow: Marine vessel data
- Industrial Information Resources (IIR):
Refinery maintenance



Proprietary Sources Caveats:

- Restricted terms of use and availability
- Difficult to reconcile with other sources
- Prices can only be averaged
- Single source marine data incomplete, requires reconciling



Open Source Data

- Energy Information Administration (EIA)
 - Weekly national and CA prices
 - Regional marine movements
 - Company level foreign imports
- California State Board of Equalization (BOE)
 - Taxable gasoline and diesel sales, dyed diesel figures
- U.S. Army Corps of Engineers (Corps)
 - Annual state-to-state marine movements
- State Lands Commission (SLC)
 - Loads and Discharges of liquids fuels by marine terminal



Open Source Caveats:

- Less detail
- Large lag times in the reporting and updating
- Difficult to reconcile with other sources
- Incomplete for detailed analysis



Petroleum Watch:

- Monthly document covering the basics of the gasoline and diesel market
- Staff has included most of the items asked for from the PMAC
- As new items of relevance come available, items can be added
- Document to be publicly released