The Petroleum Industry in California

**WHAT WE DO**

**Crude Oil Production**
- Produce 218 million barrels of crude oil per year from 50,000 wells – the 3rd largest producing state in the U.S.
- Import more than 60% of California’s needed oil from Alaska and foreign sources per year.

**California crude oil production has declined 48 percent since 1985**

**Natural Gas Production**
- Produce 349 billion cubic feet per year of natural gas from more than 1,500 wells.
- Import 2 trillion cubic feet of natural gas per year from other U.S. states.

**California consumes 6.2 billion cubic feet of natural gas per day, half of it to generate electricity.**

**Refineries**
- Operate 14 refineries that make some of the cleanest burning gasoline in the world.
- Refine close to 2 million barrels of crude oil per day.
- Produce 45 million gallons of gasoline and 14 million gallons of diesel per day for consumers in California and surrounding states.
- Import gasoline and blend stocks made to California standards at refineries elsewhere in the U.S., Asia, and Europe to augment California refinery production.
- Blend more than 900 million gallons of ethanol per year into California gasoline.

**MARKETING AND DISTRIBUTION OF TRANSPORTATION FUELS**

California consumers use 43 million gallons of gasoline and 8 million gallons of diesel fuel every day through a network of 9,500 retail service stations.

**RENEWABLE & ALTERNATIVE FUELS**

- U.S. petroleum companies are major investors in alternative and renewable fuels, emerging transportation technologies, and frontier hydrocarbon development.
- According to API, between 2000 and 2005 U.S. petroleum companies invested $98 billion in frontier hydrocarbons and renewable and alternative energy technologies – 73 percent of the total $135 billion invested.
- Despite recent declines in gasoline and diesel consumption, the California Energy Commission forecasts the demand for gasoline, diesel fuel, and jet fuel will grow steadily through 2030.
- The U.S. Energy Information Administration projects major increases in biofuels and other alternative energy sources by 2030. Despite this growth, the agency expects fossil fuels will still supply 80 percent of the nation’s energy requirements.

**PETROLEUM INDUSTRY’S CONTRIBUTION TO CALIFORNIA’S ECONOMY**

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales</td>
<td>$143 billion</td>
</tr>
<tr>
<td>Employment</td>
<td>364,032 jobs</td>
</tr>
<tr>
<td>Wages</td>
<td>$22 billion</td>
</tr>
<tr>
<td>Taxes</td>
<td>$5 billion</td>
</tr>
</tbody>
</table>

CALIFORNIA REFINERS

Gasoline Producing Refineries in Northern California
(Combined production capacity – 496,101 barrels per day)
Chevron U.S.A. Inc., Richmond Refinery
Tesoro Refining & Marketing Company, Golden Eagle Refinery
Shell Oil Products US, Martinez Refinery
Valero Benicia Refinery
ConocoPhillips, Rodeo San Francisco Refinery

Gasoline Producing Refineries in Southern California
(Combined production capacity – 791,500 barrels per day)
BP West Coast Products LLC, Carson Refinery
Chevron U.S.A. Inc., El Segundo Refinery
ExxonMobil Refining & Supply Company, Torrance Refinery
ConocoPhillips, Wilmington Refinery
Shell Oil Products US, Wilmington Refinery
Valero Wilmington Refinery
Paramount Petroleum Corporation, Paramount Refinery

Gasoline Producing Refineries in Kern County
(Combined production capacity – 85,000 barrels per day)
Kern Oil & Refining Company, Bakersfield Refinery
Big West of California LLC, Bakersfield Refinery

WSPA MEMBERS
Aera Energy LLC
Alaska Tanker Co.
Berry Petroleum
BP
Big West of California, LLC
Chevron Pipelines
Chevron Shipping
Chevron Corporation
ConocoPhillips
ExxonMobil
ExxonMobil Pipelines
Lloyd Properties
Navajo Refining Co.
Noble Energy Inc.
Occidental Oil and Gas Corp.
Olympic Pipeline Company
Pacific Operators Offshore
Plains Exploration and Production Co.
Plains All American Inc.
SeaRiver Maritime, Inc.
Seneca Resources Corp.
Shell Oil Products US
Shell Pipeline
Tresoro Refining and Marketing Co.
US Oil & Refining
Valero
Venoco, Inc.
Western Refining

California prices are more variable than others because there are relatively few supply sources of its unique blend of gasoline outside the State.

Where Oil Comes From

Only 37 percent of the crude oil refined in California is produced in the state. The remaining 63 percent comes from Alaska or foreign imports – all of it delivered by tanker through marine terminals.

Source: California Energy Commission, California Division of Oil, Gas and Geothermal Resources