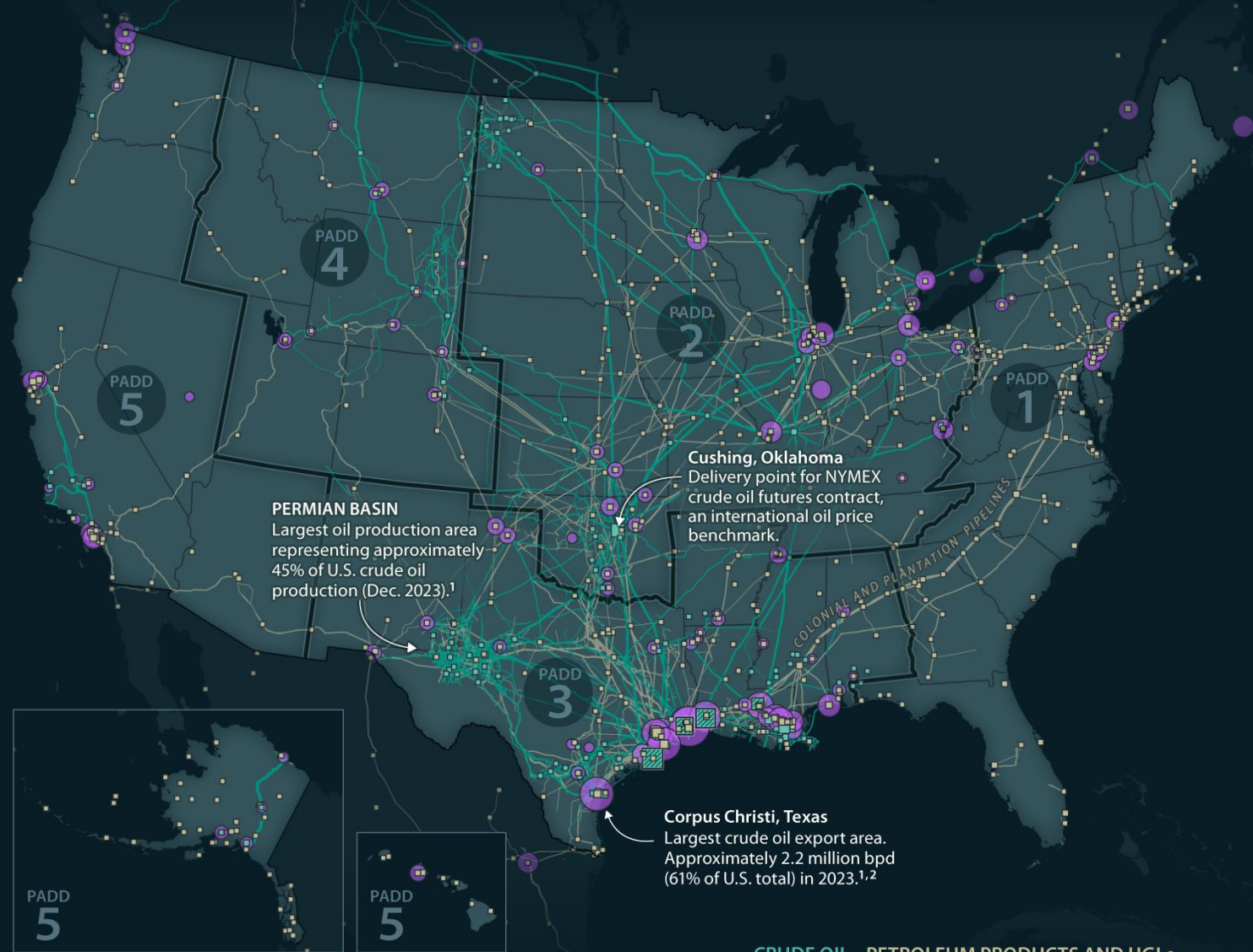


United States Oil

The United States is currently the largest crude oil producer, petroleum products consumer, and the country with the largest amount of crude oil refining capacity. Integrated with global markets through international trade, regional U.S. oil supplies and prices can be affected by geopolitical events, import and export policies, and global supply disruptions.



Petroleum Administration for Defense Districts (PADDs)
Organized by the Petroleum Administration for War in the 1940's, PADDs group U.S. states and the District of Columbia into five districts. PADDs 6 and 7, not shown, include U.S. territories. Previously used to administer federal petroleum policies and programs, PADDs allow for regional oil supply, demand, and trade analysis. Inter-PADD transfers of crude oil, petroleum products, and HGLs utilize various transportation modes (e.g., pipeline, rail, barge, and truck).

1 East Coast 2 Midwest 3 Gulf Coast 4 Rocky Mountain 5 West Coast, AK, HI

CRUDE OIL PETROLEUM PRODUCTS AND HGLs

- Pipelines Selected; scaled by diameter
- Storage* Strategic Petroleum Reserve (SPR)* Scaled by storage capacity, barrels
- Oil Refining* Scaled by crude distillation capacity, BPD

All operating as of 2/21/2024.³ *Aggregated by city.
HGLs=Hydrocarbon Gas Liquids; BPD=barrels per day.

Thousand barrels per day, 2023.¹

| | PRODUCTION | | REFINING CAPACITY | | CONSUMPTION | | |
|-------------------------------|--------------|-------------|-----------------------------------|--|--------------------|-------|----------|
| | Crude Oil | HGLs | Crude Distillation (calendar day) | | Petroleum Products | HGLs | Combined |
| Total (% Global) ⁴ | 12,930 (15%) | 7,037 (46%) | 18,061 (18%) | | 16,787 | 3,457 | (20%) |
| PADD 1 | 69 | 717 | 878 | | 5,133 | 430 | |
| PADD 2 | 1,824 | 1,288 | 4,206 | | 4,655 | 326 | |
| PADD 3 | 9,357 | 4,376 | 9,677 | | 3,563 | 2,608 | |
| PADD 4 | 938 | 553 | 650 | | 653 | 34 | |
| PADD 5 | 742 | 103 | 2,650 | | 2,783 | 59 | |

| INTERNATIONAL TRADE | | | | Total Imports: 8,514 | Total Exports: 10,152 | Net: 1,638 | | | | |
|---------------------|-----------|---------|---------|----------------------|-----------------------|------------|-------------------------|-----|-------|-------|
| | Crude Oil | Imports | Exports | Net | Petroleum Products | Net | Hydrocarbon Gas Liquids | Net | | |
| | | | | | | | | | | |
| PADD 1 | | 595 | 4 | 591 | 953 | 66 | 887 | 39 | 283 | 244 |
| PADD 2 | | 2,811 | 102 | 2,709 | 66 | 152 | 86 | 62 | 169 | 107 |
| PADD 3 | | 1,571 | 3,943 | 2,372 | 583 | 2,917 | 2,334 | 0 | 2,124 | 2,124 |
| PADD 4 | | 256 | 0 | 256 | 8 | 4 | 4 | 16 | 0 | 16 |
| PADD 5 | | 1,244 | 9 | 1,235 | 258 | 323 | 65 | 52 | 56 | 4 |
| Total | | 6,477 | 4,058 | 2,419 | 1,868 | 3,462 | 1,594 | 169 | 2,632 | 2,463 |

Production in PADD 3 includes offshore Gulf of Mexico production. Crude oil production includes field condensate. Petroleum products include gasoline, diesel fuel, and aviation fuel. HGLs: Hydrocarbon Gas Liquids include ethane, propane, normal butane, isobutane, and natural gasoline that are in gas phase at atmospheric pressure and in liquid phase under higher pressures and/or colder temperatures. Numbers may not sum due to rounding.

Sources: 1. U.S. Energy Information Administration (EIA); 2. RBN Energy; 3. S&P Global, "Commodity Midstream Essentials Gold Worldwide" (accessed February 21, 2024); 4. Energy Institute, "Statistical Review of World Energy," 72nd ed. 2023.
Map geography: U.S. Department of State.

Information prepared by Phillip Brown, Specialist in Energy Policy; Calvin DeSouza, Geospatial Information Systems Analyst; and Amber Wilhelm, Visual Information Specialist on April 24, 2024.



Author Information

Phillip Brown
Specialist in Energy Policy

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