Final 2021/22 Winter Propane Market Update

March 30, 2022 | Washington, DC
(Inventory data as of 03/25/22; residential heating fuel prices as of 03/28/22)

By

U.S. Energy Information Administration
PADD 1A (New England) propane inventories above the 5-year average

New England (PADD 1A) ending stocks of propane and propylene
million barrels


Note: PADD 1A is composed of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.
data through March 25, 2022

*includes propylene stocks at refineries
Central Atlantic (PADD 1B) ending stocks of propane and propylene
million barrels

Note: PADD 1B is composed of Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.
data through March 25, 2022
*includes propylene stocks at refineries
PADD 2 (Midwest) propane inventories below the 5-year range

Note: PADD 2 is composed of Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, and Wisconsin.
Data through March 25, 2022
*includes propylene stocks at refineries
Selected state propane* inventories

**Kansas propane/propanol stock at refineries, terminals, and natural gas plants (not pipelines)**

- Million barrels

**Michigan propane/propanol stock at refineries, terminals, and natural gas plants (not pipelines)**

- Million barrels

**Illinois, Indiana, Ohio propane/propanol stock at refineries, terminals, and natural gas plants (not pipelines)**

- Million barrels

**Iowa, Minnesota, Wisconsin propane/propanol stock at refineries, terminals, and natural gas plants (not pipelines)**

- Thousand barrels

*Note: data through March 25, 2022*

*Includes propylene stocks at refineries*


Note: data through March 25, 2022

*Includes propylene stocks at refineries*
PADD 3 (Gulf Coast) propane inventories below the 5-year range


Note: PADD 3 is composed of Alabama, Arkansas, Louisiana, Mississippi, New Mexico, and Texas. Data through March 25, 2022

*includes propylene stocks at refineries
Conway, KS propane spot price is at a ~1 cent per gallon discount to the Mt. Belvieu, TX hub

Propane spot prices (Conway, KS and Mont Belvieu, TX) dollars per gallon ($/gal)

Source: Graph created by the U.S. Energy Information Administration, based on data from Bloomberg, data through March 29, 2022
NOAA’s projected temperatures: April 4 – Apr. 8, 2022, and April 6 – Apr. 12, 2022

• Through the end of the winter heating season, NOAA forecasts above-normal temperatures along the southern Pacific Coast, the Rockies, the Southwest, and the Eastern Seaboard, with relatively normal temperatures in the remaining regions. There is a low probability of below-normal temperatures in Alaska and the Pacific Northwest. Later in the forecast, there is a chance of below normal temperatures in the South.

• Propane heating demand will likely be below average for the remainder of the winter heating season.
Northeast propane prices, usually dictated by tariff on the TEPPCO* pipeline, remain at a steady premium

propane spot prices
dollars per gallon

propane price spread
dollars per gallon

Selkirk, NY
Mont Belvieu, TX (non-LST)
approx. TX-NY TEPPCO tariff (RS)

Mt. Belvieu to Selkirk spread (RS)

TEPPCO = Enterprise TE Products Pipeline Company LLC
Source: Graph created by the U.S. Energy Information Administration, based on data from Bloomberg, data through March 29, 2022; Enterprise Products Partners L.P., Effective Tariffs, FERC No. 54.64.0
Propane prices at major Midwest market centers and the Conway, KS and Edmonton, AB hubs decreased this week

Source: Graph created by the U.S. Energy Information Administration, based on data from Bloomberg through March 29, 2022

*Rapid River, MI rack prices unavailable during summer months
State Heating Oil and Propane Program (SHOPP) updates

- SHOPP is a collaborative program between states and EIA that provides weekly wholesale and retail prices for heating oil and propane at the state level.

- EIA expanded SHOPP in October 2014 to include 14 additional states in propane price data collection. In 2016, EIA added 10 new states to its wholesale propane price publication. This should be taken into consideration when comparing the average prices for the U.S., PADD 1, PADD 1B, PADD 1C, and PADD 2 averages.

- EIA has been providing more granular inventory data to states on a weekly basis since the 2016/2017 heating season.

- EIA implemented two new samples for residential heating oil and propane in October 2019. Under the new sampling methodology, EIA is publishing standard errors for SHOPP prices.
Heating oil and propane prices increased in PADDs 1 and 2 this week.

Source: State Heating Oil and Propane Program, data through March 28, 2022
Various days-of supply/disposition measures

U.S. weekly stocks of propane/propylene

days of supply & disposition

Note: *disposition = domestic product supplied + exports
For more information, please see EIA’s webinar on Propane Market Indicators and Measures of Supply Adequacy
For more information


State Energy Portal | www.eia.gov/state

Winter Heating Fuels Site | www.eia.gov/special/heatingfuels/

Movements of Propane by Rail |
http://www.eia.gov/dnav/pet/pet_move_railNA_a_EPLLPA_RAIL_mbbl_m.htm

Today in Energy | www.eia.gov/todayinenergy

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

Energy Explained – Hydrocarbon Gas Liquids |
http://www.eia.gov/energyexplained/index.cfm?page=hgls_home

Annual Energy Outlook | www.eia.gov/aeo

International Energy Outlook | www.eia.gov/ieo

Monthly Energy Review | www.eia.gov/mer