
Propane situation update



February 20, 2014 / Washington, DC

By

Energy Information Administration

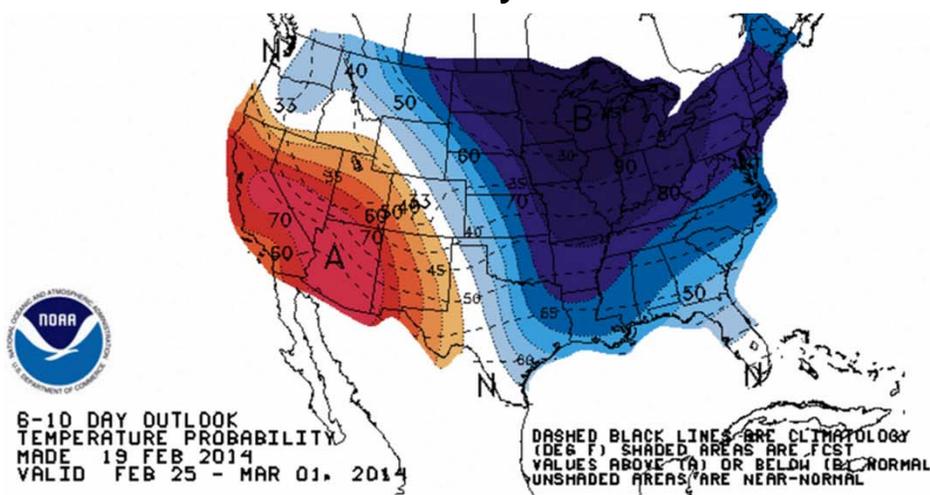


U.S. Energy Information Administration

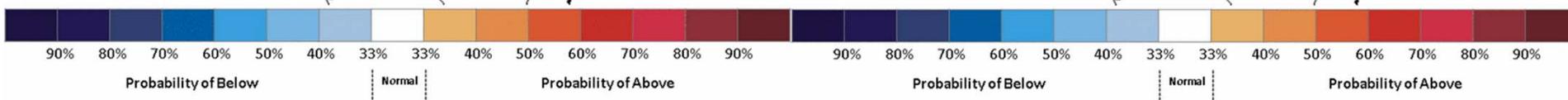
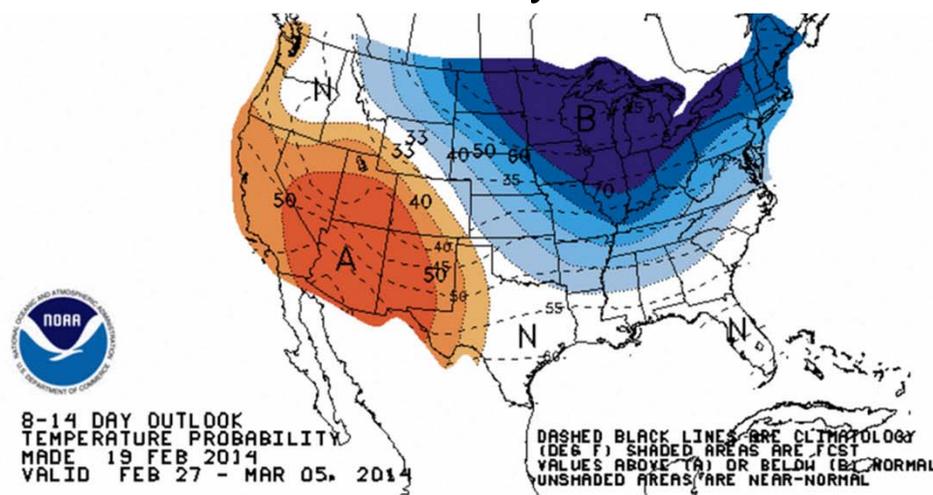
Independent Statistics & Analysis | www.eia.gov

NOAA forecast shows below normal temperatures across much of the Midwest for February 25 through March 5

6-10 day outlook



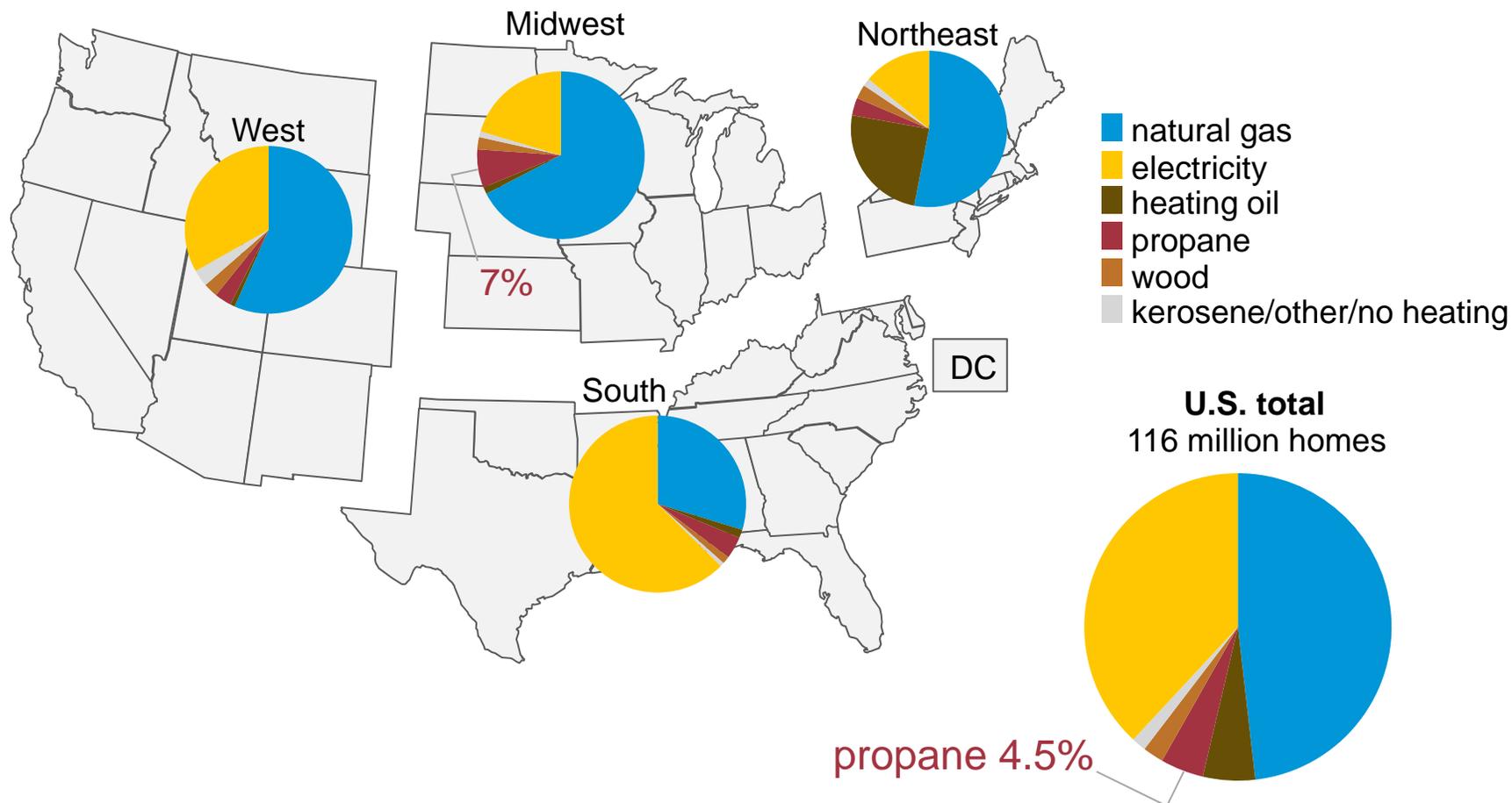
8-14 day outlook



Source: National Oceanic and Atmospheric Administration Climate Prediction Center, made February 19

Natural gas and electricity are the major heating fuels for most of the United States

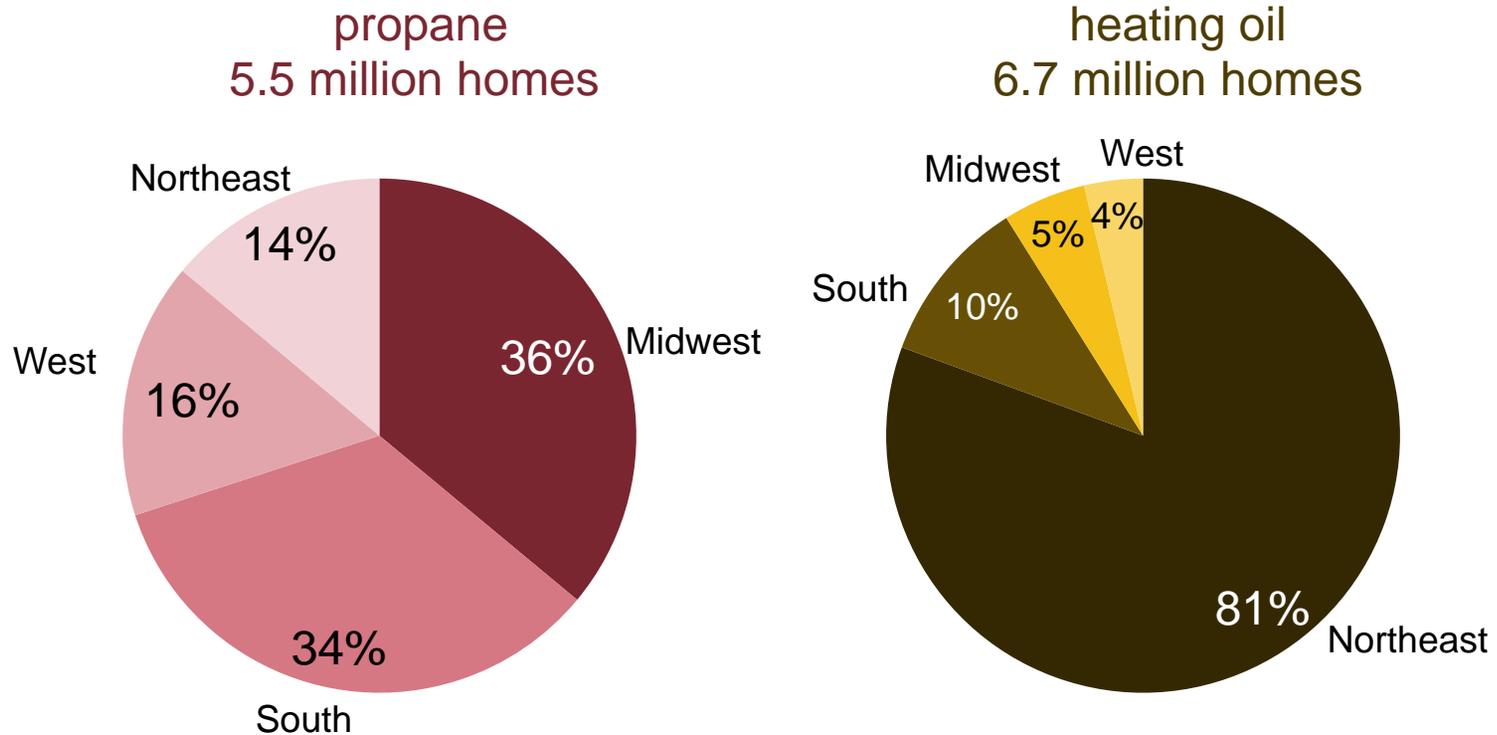
Share of homes by primary space heating fuel within each Census Region
(fuels add to 100%)



Source: U.S. Census Bureau, 2012 American Community Survey

Of all homes heated by propane, 36% are in the Midwest

Location of homes by primary space heating fuel across Census Regions
(regions add to 100%)



Source: U.S. Census Bureau, 2012 American Community Survey

Propane share of space heating demand by key regions and states

State	Propane-Heated Homes	Share of Total Homes
Michigan	320,522	8%
Wisconsin	245,071	11%
Ohio	240,185	5%
Minnesota	213,359	10%
Missouri	212,317	9%
Illinois	189,025	4%
Indiana	176,520	7%
Iowa	162,117	13%
Kentucky	113,175	7%
Tennessee	110,486	4%
Oklahoma	103,017	7%
Kansas	83,386	7%
Nebraska	57,442	8%
South Dakota	54,015	17%
North Dakota	38,617	13%
Midwest Total	2,319,254	7%

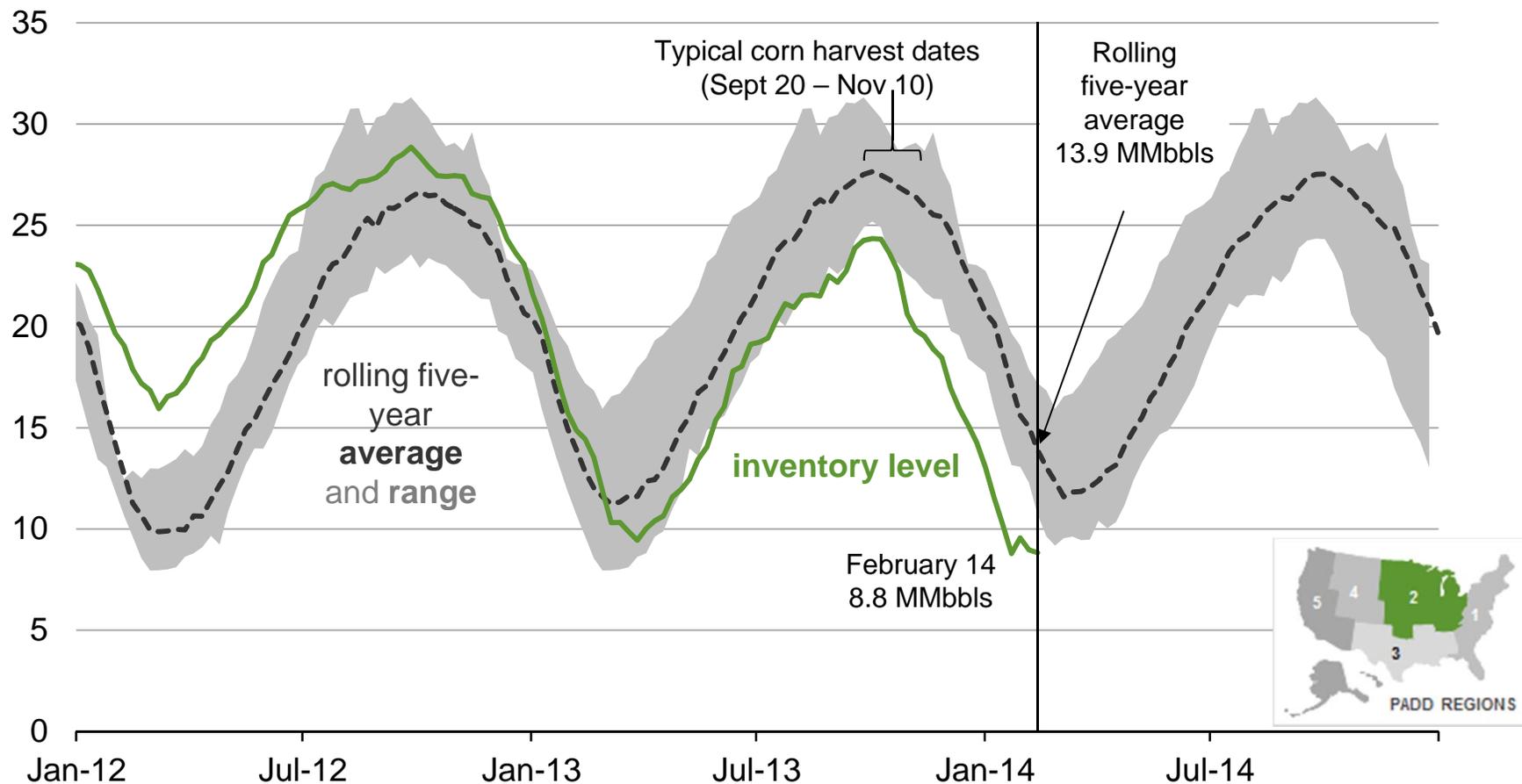
State	Propane-Heated Homes	Share of Total Homes
New York	237,738	3%
Pennsylvania	188,880	4%
New Hampshire	72,091	14%
Massachusetts	68,517	3%
New Jersey	60,990	2%
Connecticut	43,849	3%
Maine	41,477	7%
Vermont	38,497	15%
Rhode Island	10,361	3%
Northeast Total	762,400	4%



Source: Census Bureau, 2011

PADD 2 (Midwest) propane inventories have trended lower on strong crop drying and extremely cold temperatures

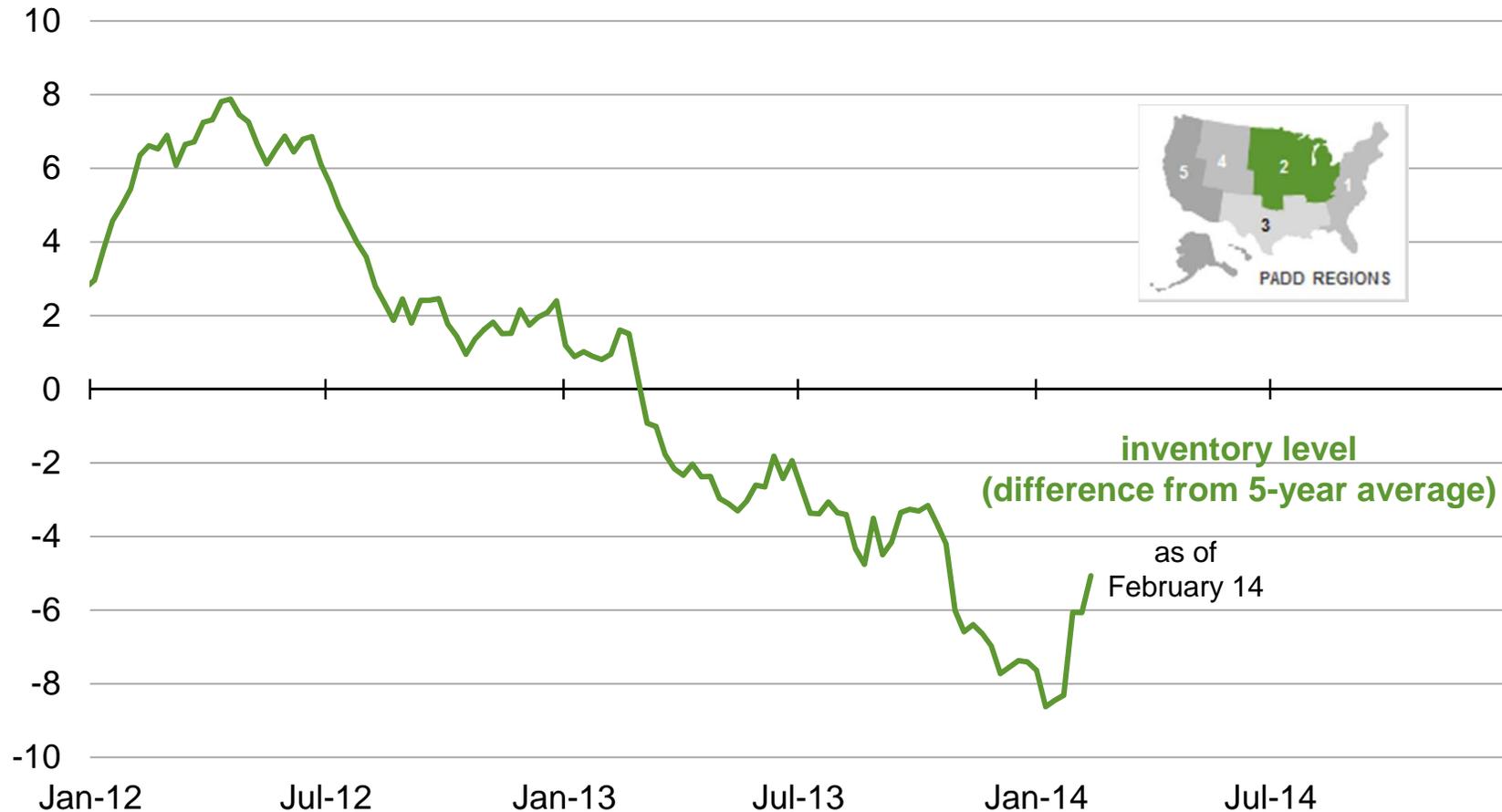
PADD 2 propane inventories
million barrels



Source: EIA, Weekly Petroleum Status Report, data through February 14

PADD 2 (Midwest) propane inventories remain below the 5-year average, but gap is narrowing

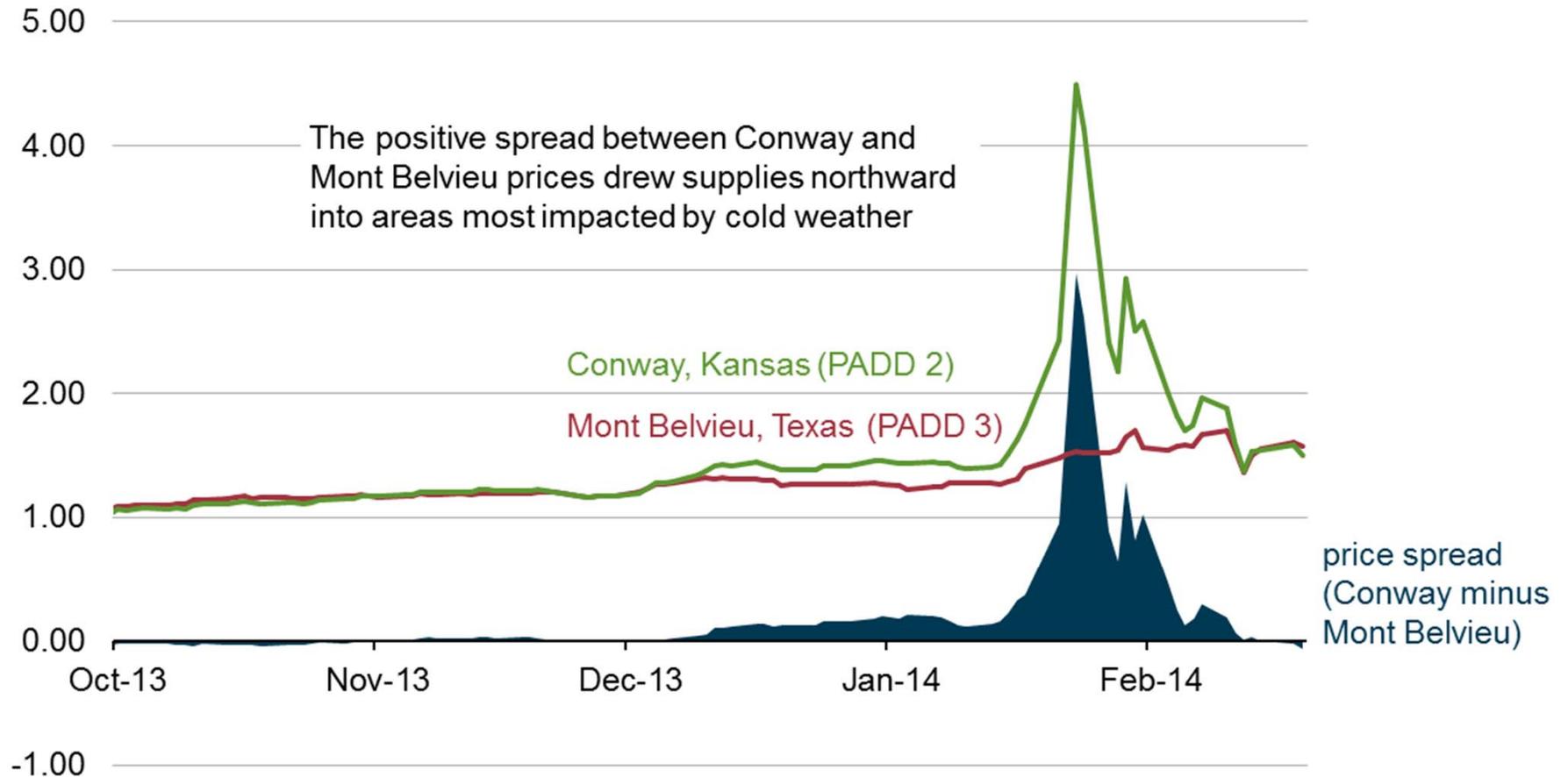
PADD 2 propane inventories, difference from 5-year average
million barrels



Source: EIA, Weekly Petroleum Status Report, data through February 14

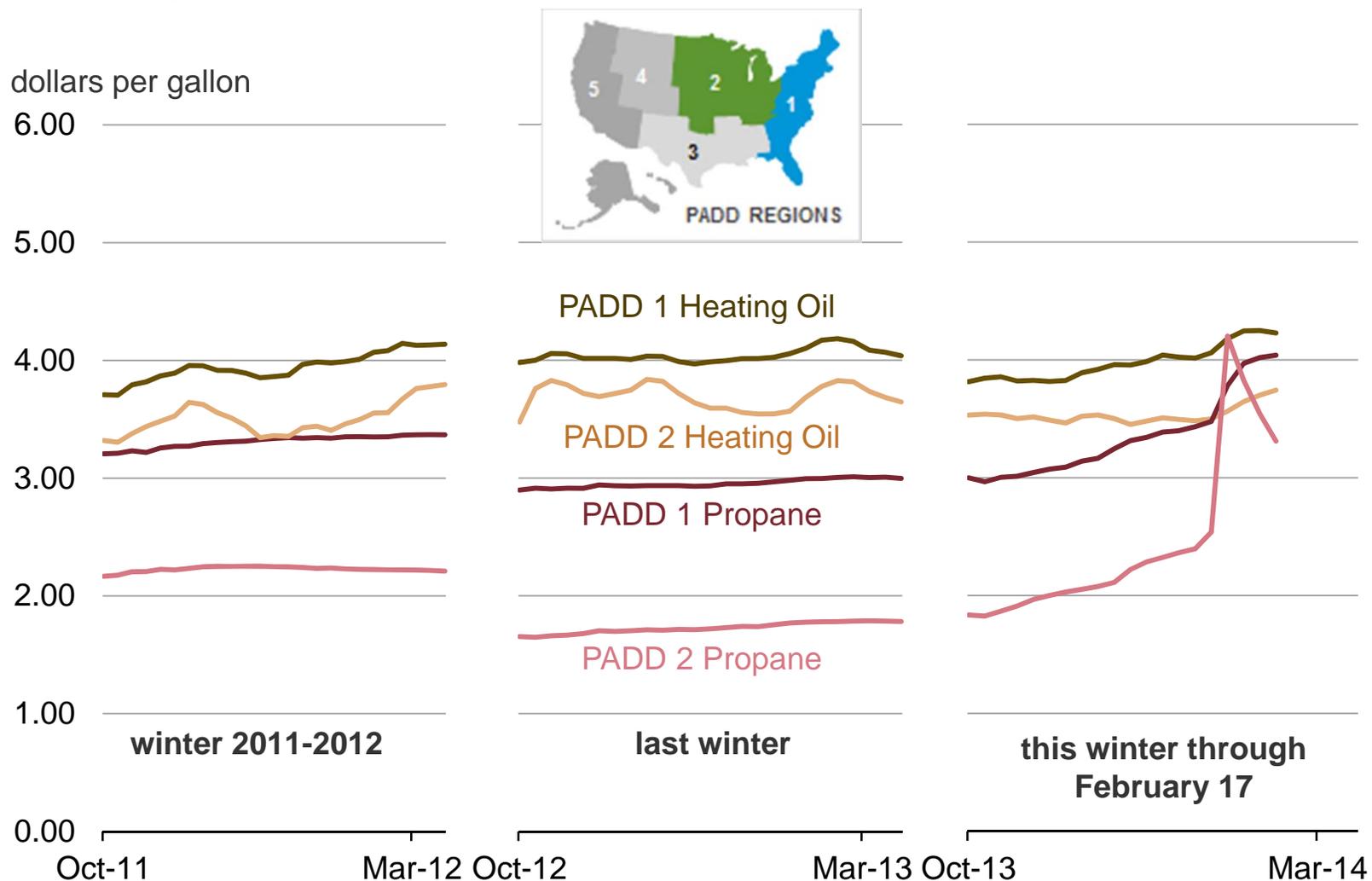
Conway (KS) price premium over Mt. Belvieu (TX) grew rapidly in late January, but has since narrowed

propane and propylene spot prices
dollars per gallon



Source: U.S. Energy Information Administration, Thomson Reuters, data through February 19

Retail propane prices in the Midwest, which rose sharply in late January, have moved lower



Source: State Heating Oil and Propane Program, data through February 17

State-reported residential retail prices for states in the Midwest

	1/6/14	1/13/14	1/20/14	1/27/14	2/3/14	2/10/14	2/17/14
Residential retail price (dollars per gallon, excluding taxes)							
Indiana	2.806	2.849	2.939	4.215	4.265	4.043	3.753
Iowa	1.960	1.997	2.584	4.709	3.590	3.220	2.811
Kentucky	2.517	2.540	2.577	3.785	3.852	3.677	3.584
Michigan	2.532	2.575	2.638	3.611	3.766	3.620	3.692
Minnesota	2.322	2.330	2.439	4.610	3.967	3.471	3.264
Missouri	2.251	2.265	2.433	3.997	3.672	3.484	3.131
Nebraska	1.911	1.920	2.005	4.073	3.357	2.995	2.601
North Dakota	2.263	2.273	2.322	4.569	3.839	3.283	2.905
Ohio	2.890	2.950	2.999	3.731	3.908	3.755	3.733
South Dakota	2.065	2.081	2.088	4.107	3.664	3.408	3.019
Wisconsin	2.194	2.241	2.276	4.490	3.945	3.686	3.344



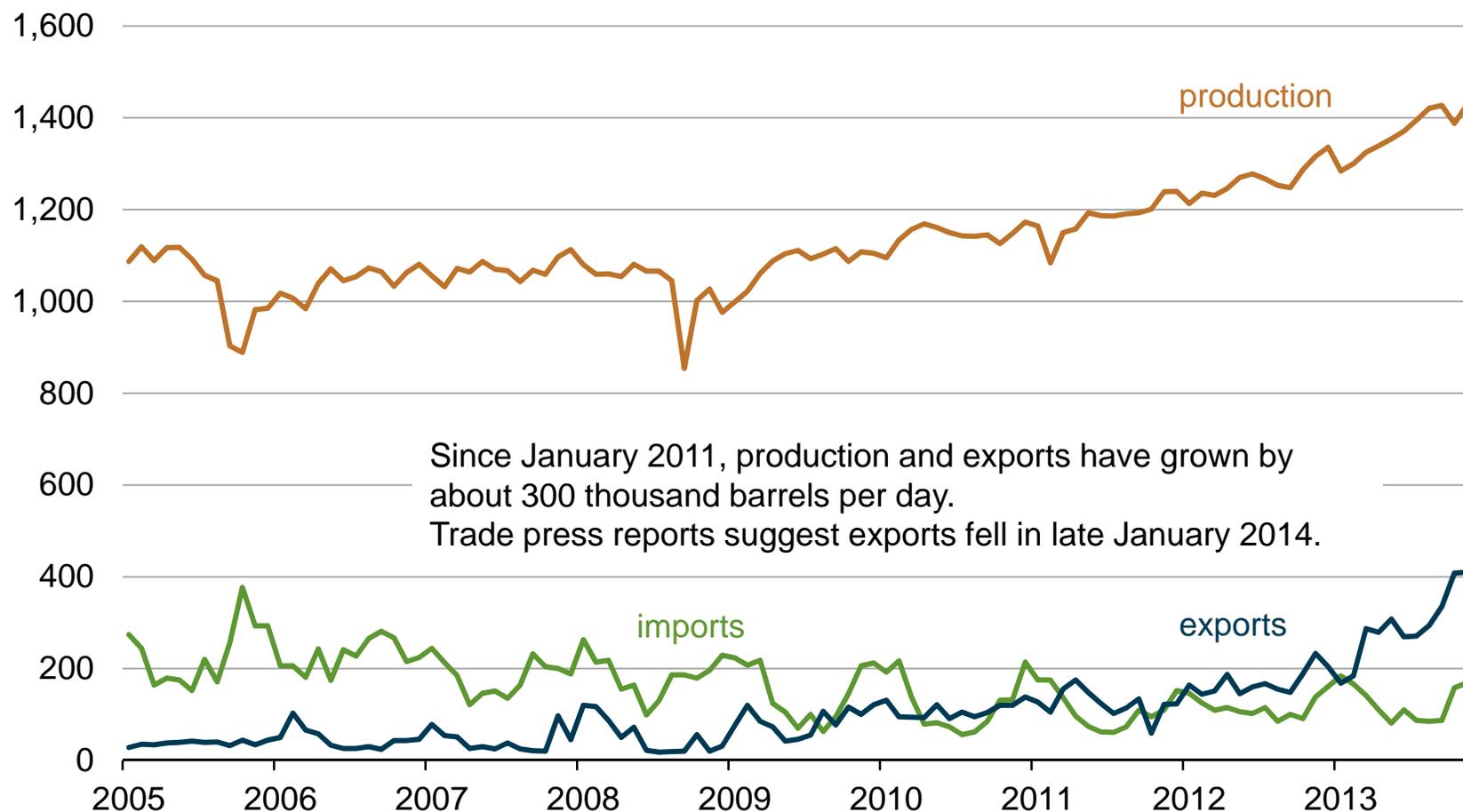
Note: Illinois, Kansas, Oklahoma, and Tennessee do not report information

Source: EIA, State Heating Oil and Propane Program, data through February 17

<http://www.eia.gov/petroleum/heatingoilpropane/>

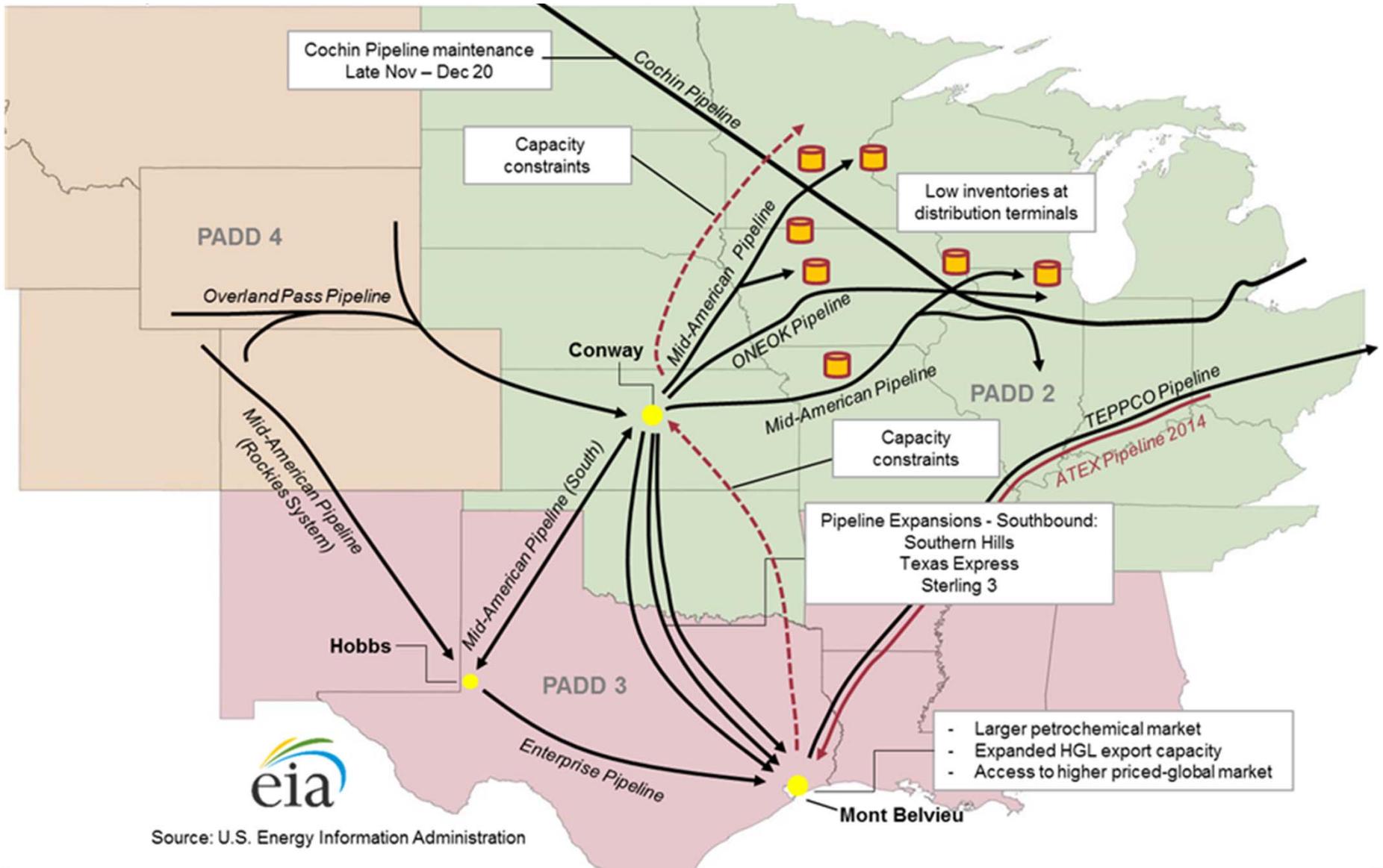
U.S. propane production and trade trends

U.S. propane and propylene production, imports, and exports
thousand barrels per day



Source: EIA, *Petroleum Supply Monthly* through November 2013

Winter 2013 propane supply diagram



For more information

U.S. Energy Information Administration home page | www.eia.gov

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

Annual Energy Outlook | www.eia.gov/aeo

International Energy Outlook | www.eia.gov/ieo

Monthly Energy Review | www.eia.gov/mer

Today in Energy | www.eia.gov/todayinenergy

State Energy Portal | www.eia.gov/state

Drilling Productivity Report | www.eia.gov/petroleum/drilling