### U.S. oil drilling and production Selected indicators

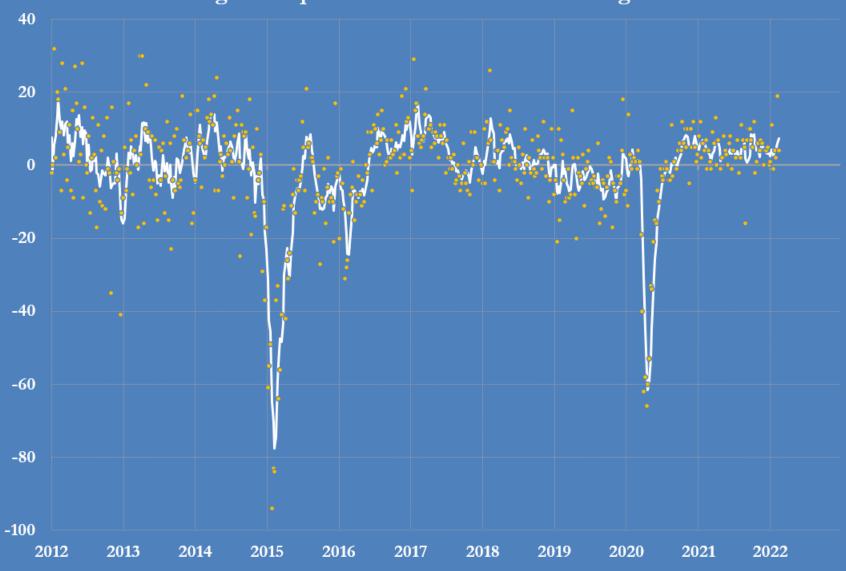
JOHN KEMP REUTERS 25 Feb 2022

## Number of rigs drilling for oil in the United States, 1990-2022 weekly



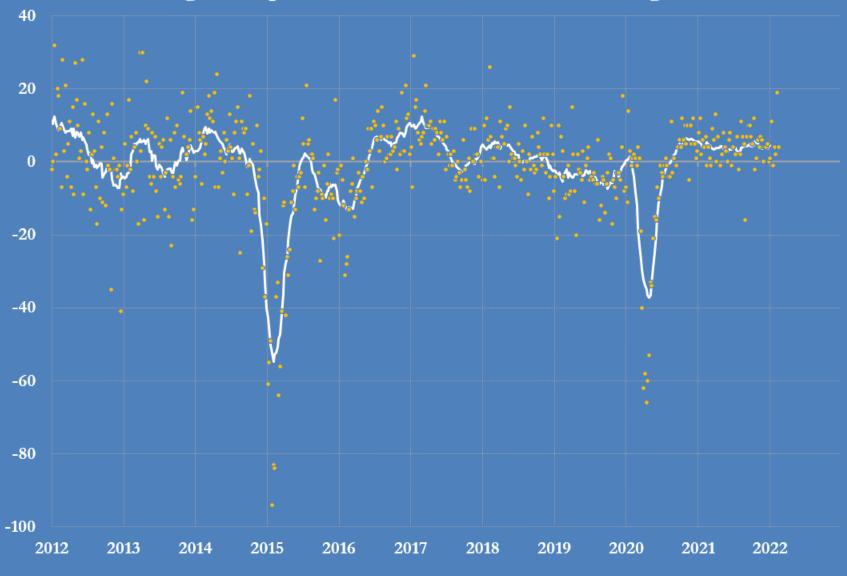
Source: Baker Hughes

## Number of rigs drilling for oil in the United States change from prior week and four-week average



Source: Baker Hughes

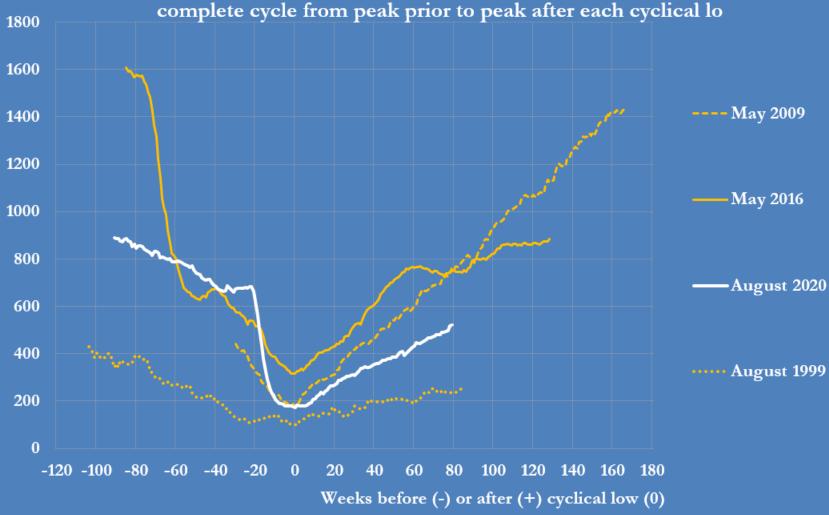
# Number of rigs drilling for oil in the United States change from prior week and 13-week centred average



Source: Baker Hughes

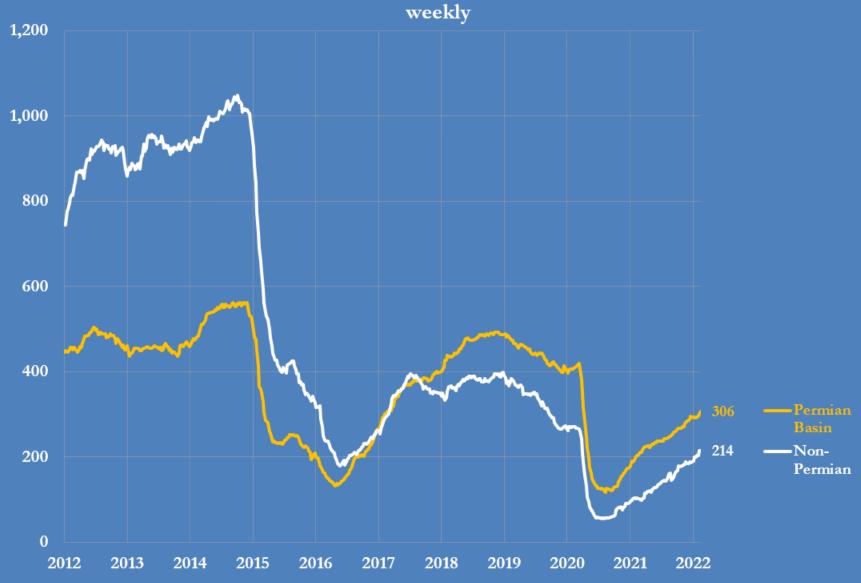
#### Number of rigs drilling for oil in the United States, 1997-2022

Rig counts centred on four cyclical lows (1999, 2009, 2016 and 2020)
Rig count before (-) and after (+) each low-point, weekly data



Source: Baker Hughes International

Rigs drilling for oil in the United States, 2012-2022



Source: Baker Hughes

#### U.S. crude oil production, 2019-2021 Monthly change in million b/d

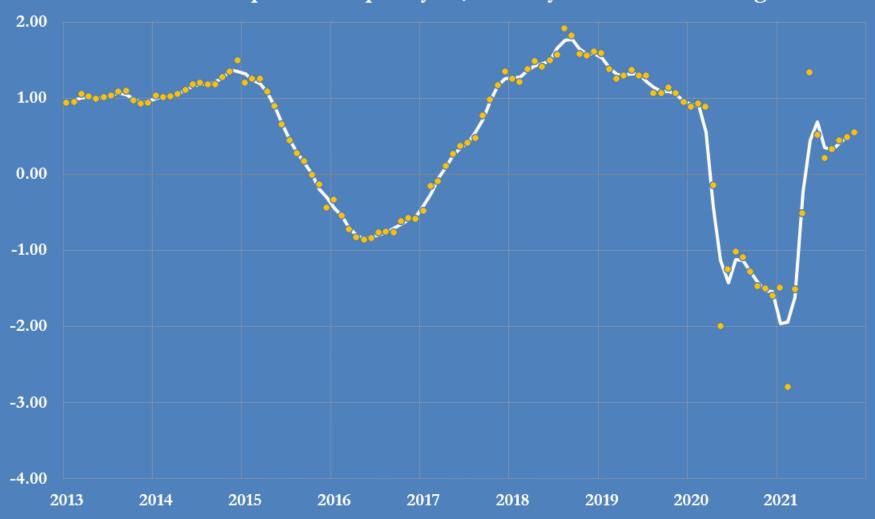


- Lower 48 states excluding federal Gulf of Mexico
- Federal Gulf of Mexico

■ Alaska

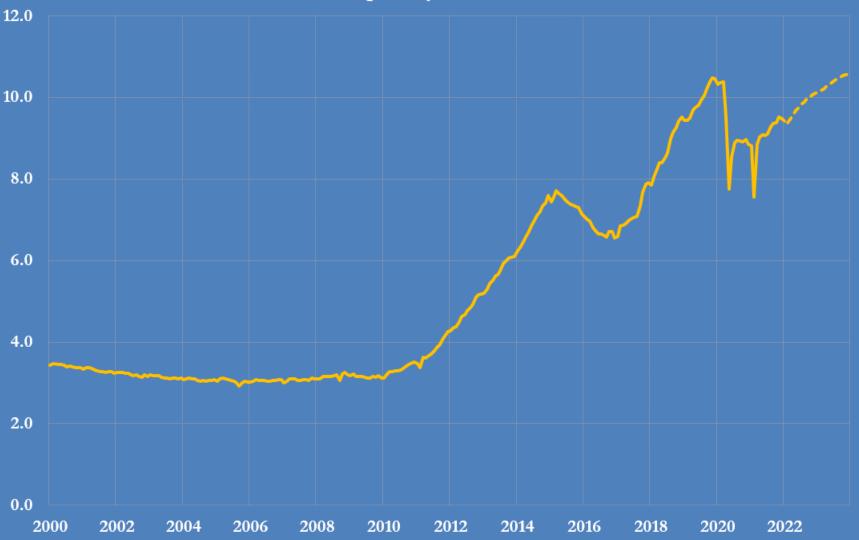
Source: Energy Information Administration @JKempEnergy

U.S. crude oil production, 2013-2021 Lower 48 states excluding federal Gulf of Mexico, million b/d Increase compared with prior year, monthly and 3-month average



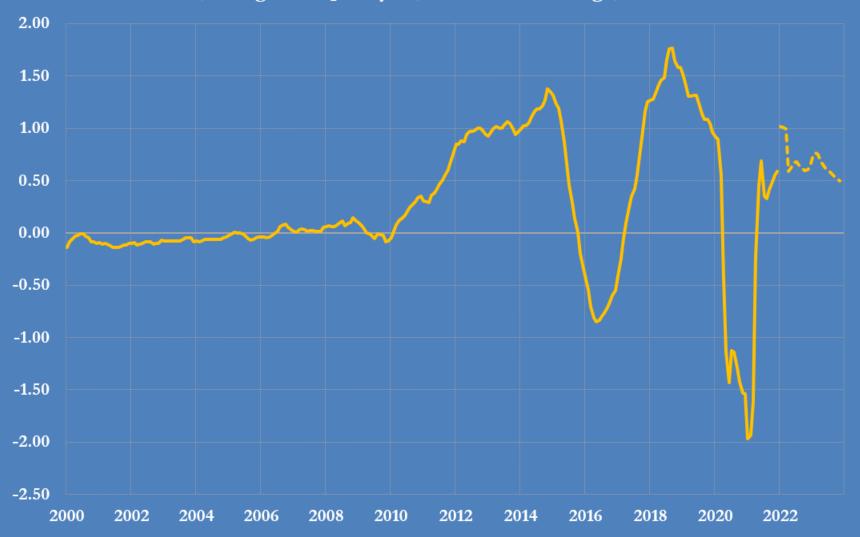
Source: U.S. Energy Information Administration

U.S. Lower 48 onshore crude oil production, 2000-2023 million barrels per day, actual and forecast



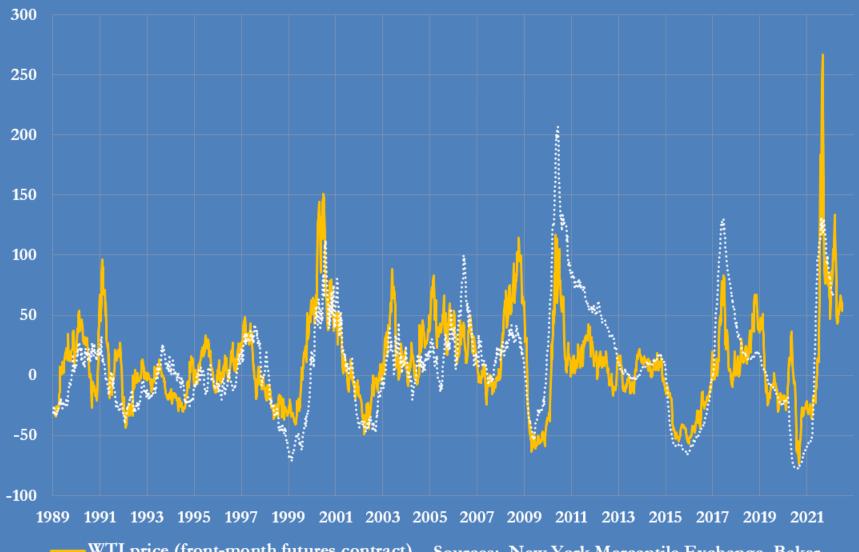
Source: U.S. Energy Information Administration ("Short-Term Energy Outlook", Feb 2022) @JKempEnergy

U.S. Lower 48 onshore crude oil production, 2000-2023 million b/d, change from prior year, three-month average, actual and forecast



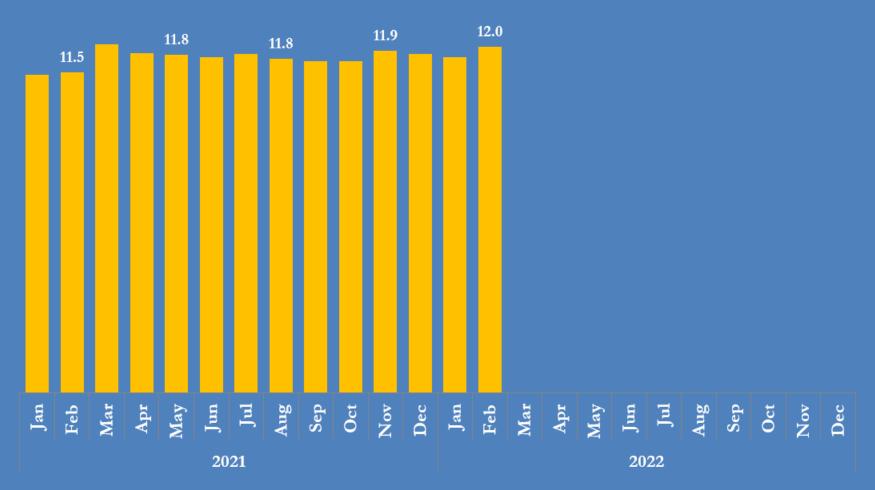
Source: U.S. Energy Information Administration ("Short-Term Energy Outlook", Feb 2022) @JKempEnergy

U.S. crude oil prices and drilling activity 12-month percent change (WTI prices leading by 19 weeks)



Sources: New York Mercantile Exchange, Baker Hughes; @JKempEnergy

## Forecast for U.S. crude production in 2022 million b/d, annual average, forecast vintages 2021-2022



Source: U.S. Energy Information Administration, Short-Term Energy Outlooks @JKempEnergy

Brent crude prices, 1990-2022 end-month, except most recent month, adjusted for inflation, 2022 U.S.\$/bbl



Source: ICE Futures Europe, U.S. Bureau of Labor Statistics