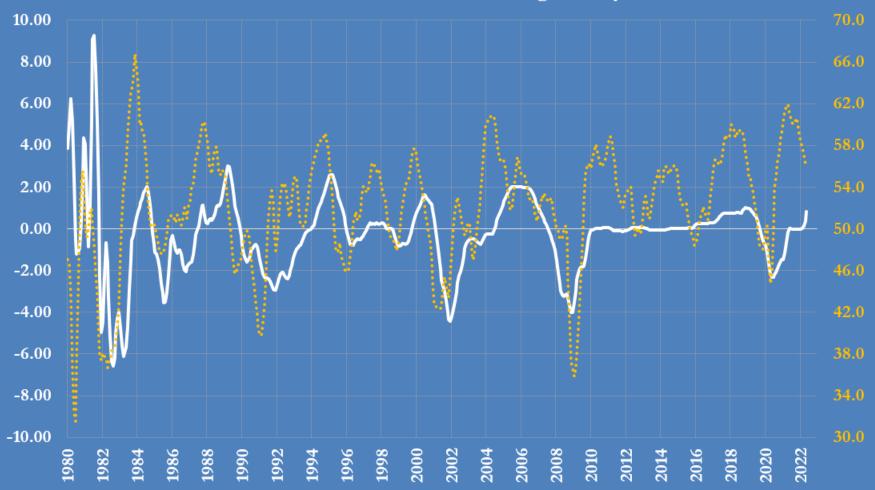
U.S. and European distillate consumption Selected indicators

JOHN KEMP REUTERS 23 June 2022

U.S. federal funds rate and ISM manufacturing activity index, 1980-2022

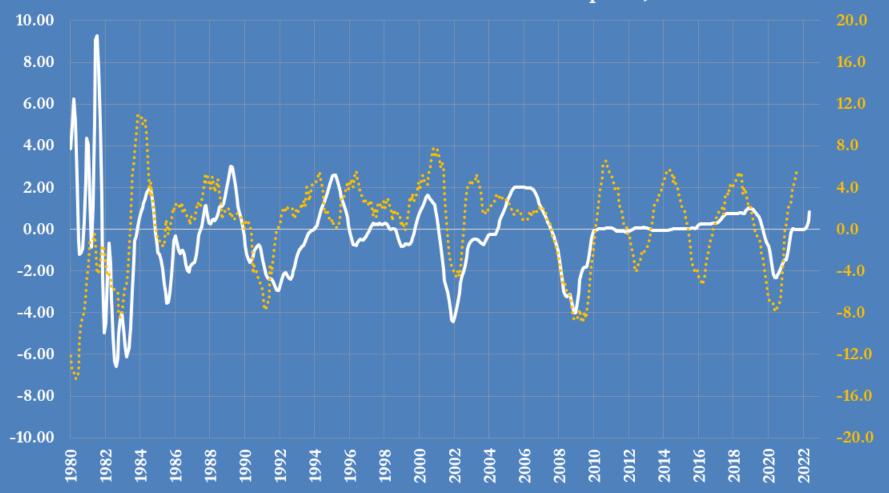


-Fed funds rate (change from prior year, percentage points, averaged over three months)

····· ISM manufacturing index (three-month centred average)

Sources: U.S. Energy Information Administration, Federal Reserve of Bank of St Louis @JKempEnergy

U.S. federal funds rate and distillate consumption, 1980-2022

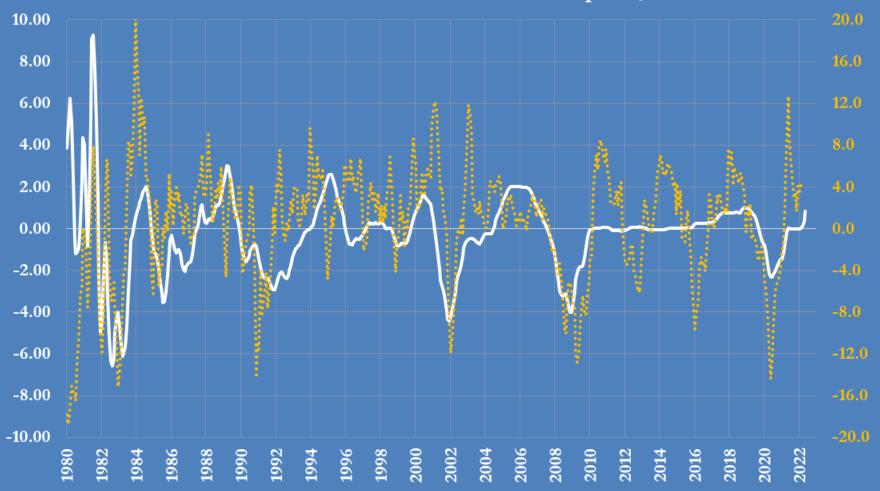


----Fed funds rate (change from prior year, percentage points, averaged over three months)

..... U.S. distillate supplied (percent change from prior year, averaged over 12 months)

Sources: U.S. Energy Information Administration, Federal Reserve of Bank of St Louis

U.S. federal funds rate and distillate consumption, 1980-2022

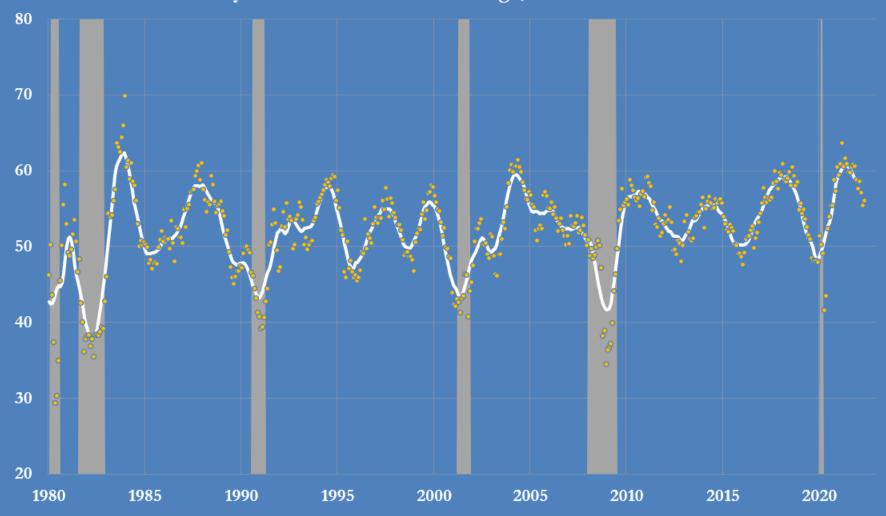


——Fed funds rate (change from prior year, percentage points, averaged over three months)

····· U.S. distillate supplied (percent change from prior year, averaged over three months)

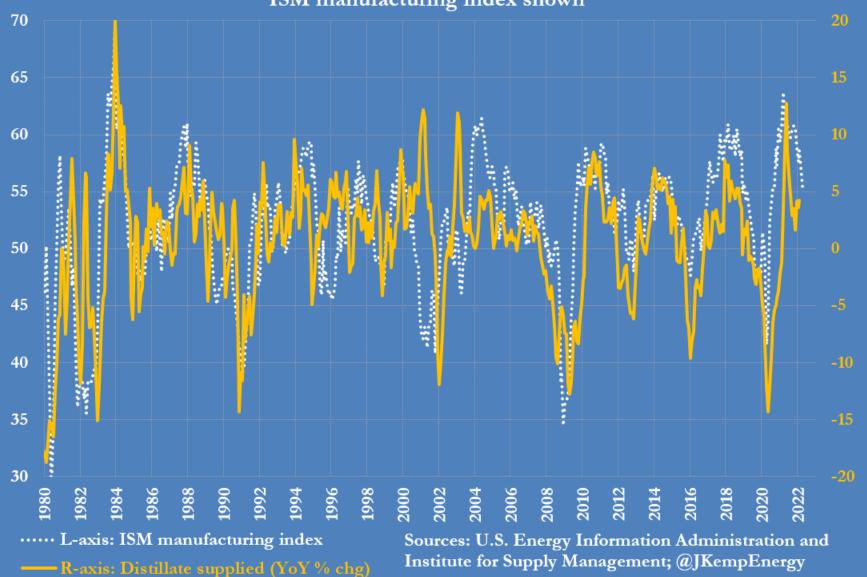
Sources: U.S. Energy Information Administration, Federal Reserve of Bank of St Louis @JKempEnergy

U.S. ISM manufacturing index, 1980-2022 diffusion index, base = 50 monthly and 12-month centred average, NBER recessions shown



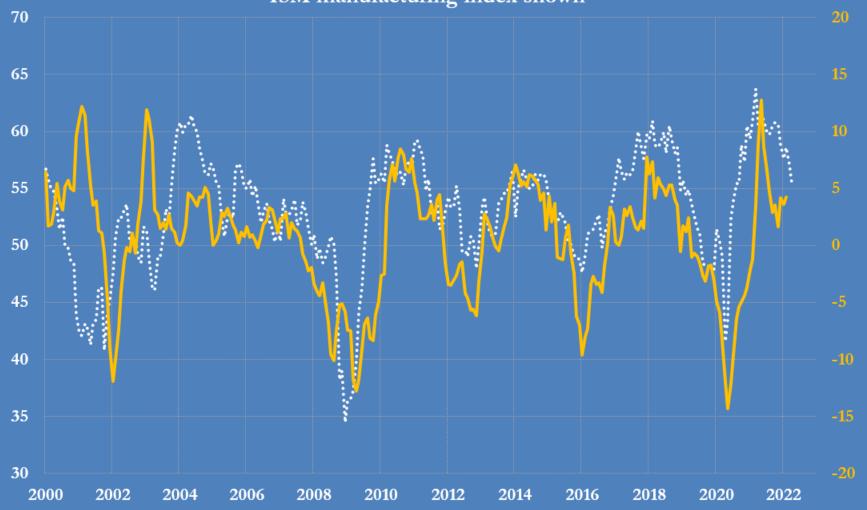
Source: Institute for Supply Management, Manufacturing Report on Business

Distillate fuel oil supplied to U.S. customers, 1980-2022
Percent change from prior year, three-month centred average
ISM manufacturing index shown



Distillate fuel oil supplied to U.S. customers, 2000-2022

Percent change from prior year, three-month centred average ISM manufacturing index shown

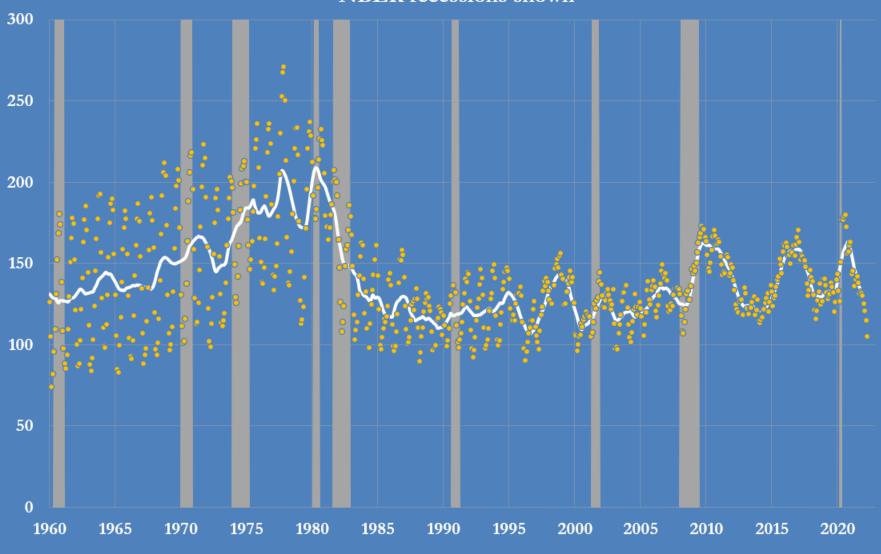


····· L-axis: ISM manufacturing index

R-axis: Distillate supplied (YoY % chg)

Sources: U.S. Energy Information Administration and Institute for Supply Management; @JKempEnergy

U.S. distillate fuel oil inventories, 1960-2022 million barrels, month-end, monthly and 12-month centred average NBER recessions shown

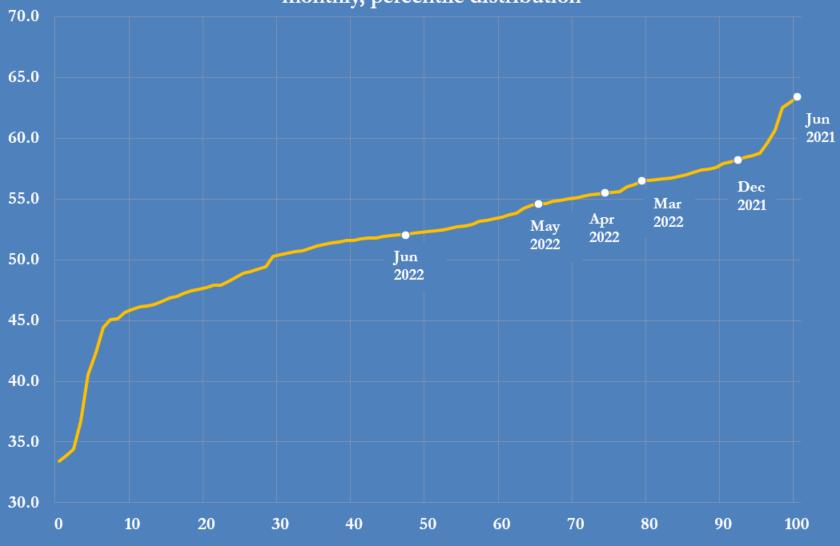


Source: U.S. Energy Information Administration

Eurozone manufacturing purchasing managers' index, 2007-2022 Index base = 50, monthly and three-month centred average



Eurozone manufacturing purchasing managers' index, 2006-2022 monthly, percentile distribution



Source: IHSMarkit

Chicago Fed Adjusted National Financial Conditions Index, 1971-2022 month-end, conditions tighter (+) or easier (-), NBER recessions shown



Source: Federal Reserve Bank of Chicago