

U.S. manufacturing activity

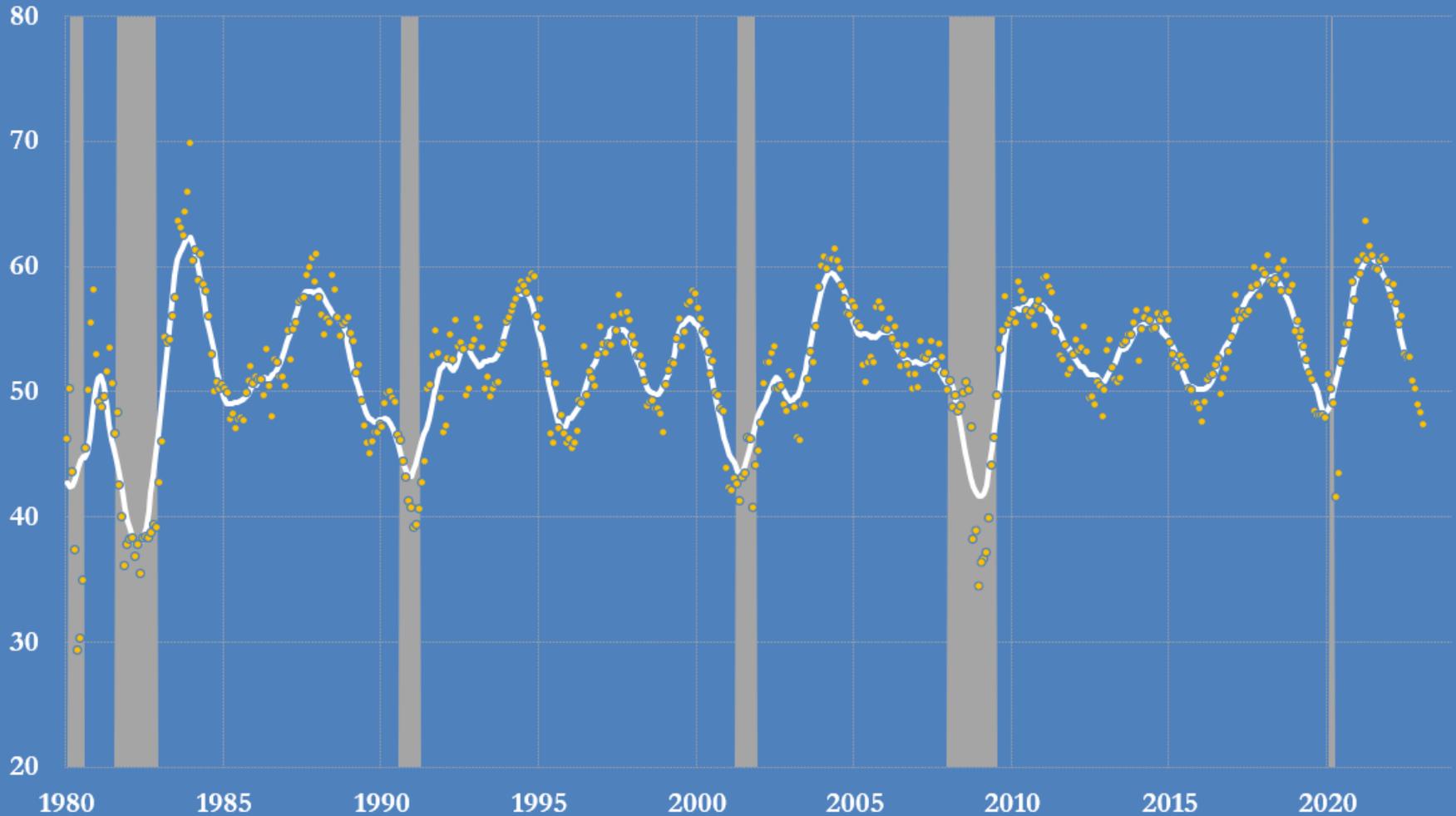
Selected indicators

JOHN KEMP
REUTERS

1 February 2023

U.S. ISM manufacturing index, 1980-2022

diffusion index, base = 50, monthly and 12-month centred average
NBER recessions shown

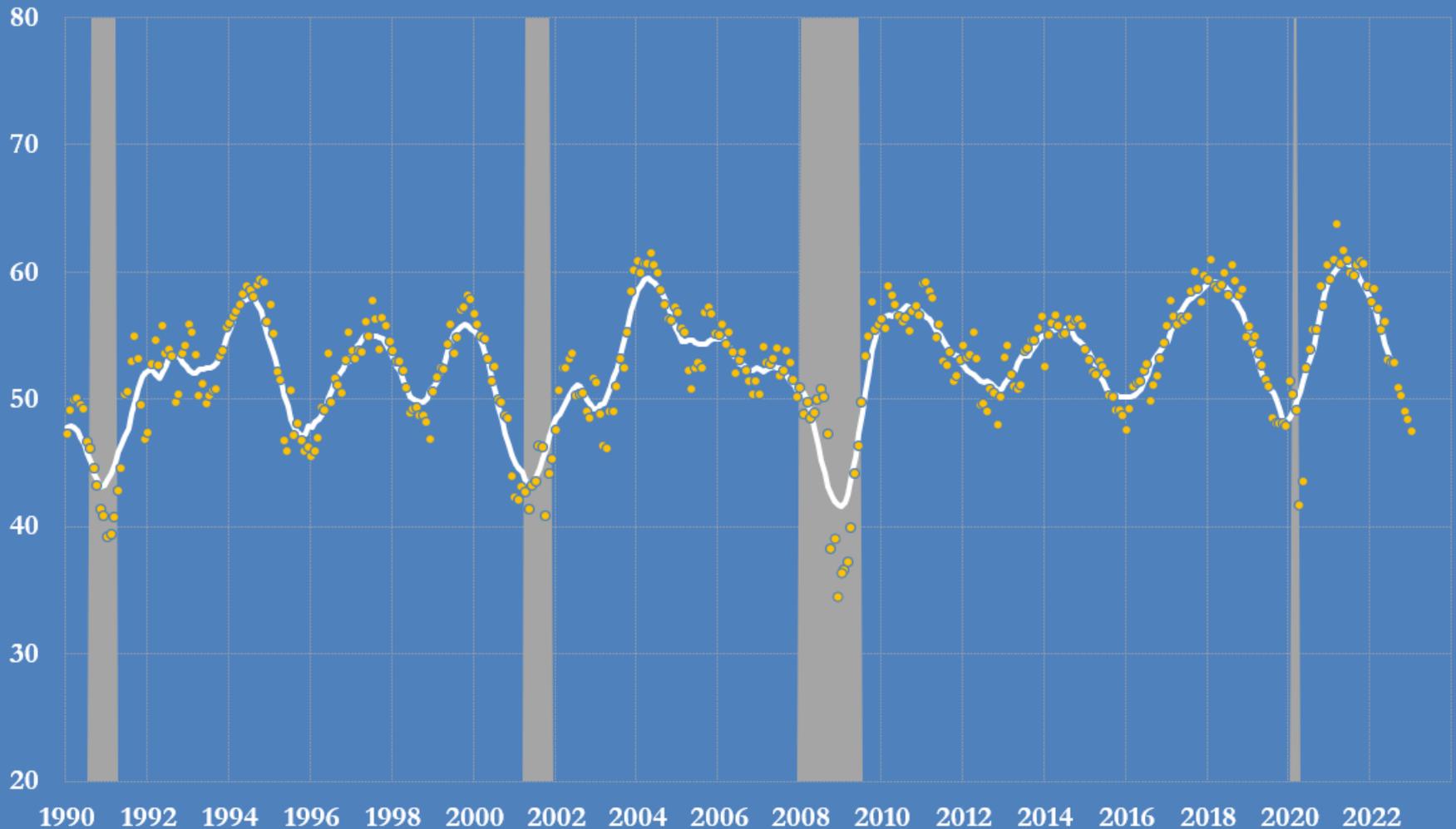


Source: Institute for Supply Management, Manufacturing Report on Business

@JKempEnergy

U.S. manufacturing purchasing managers' index, 1990-2022

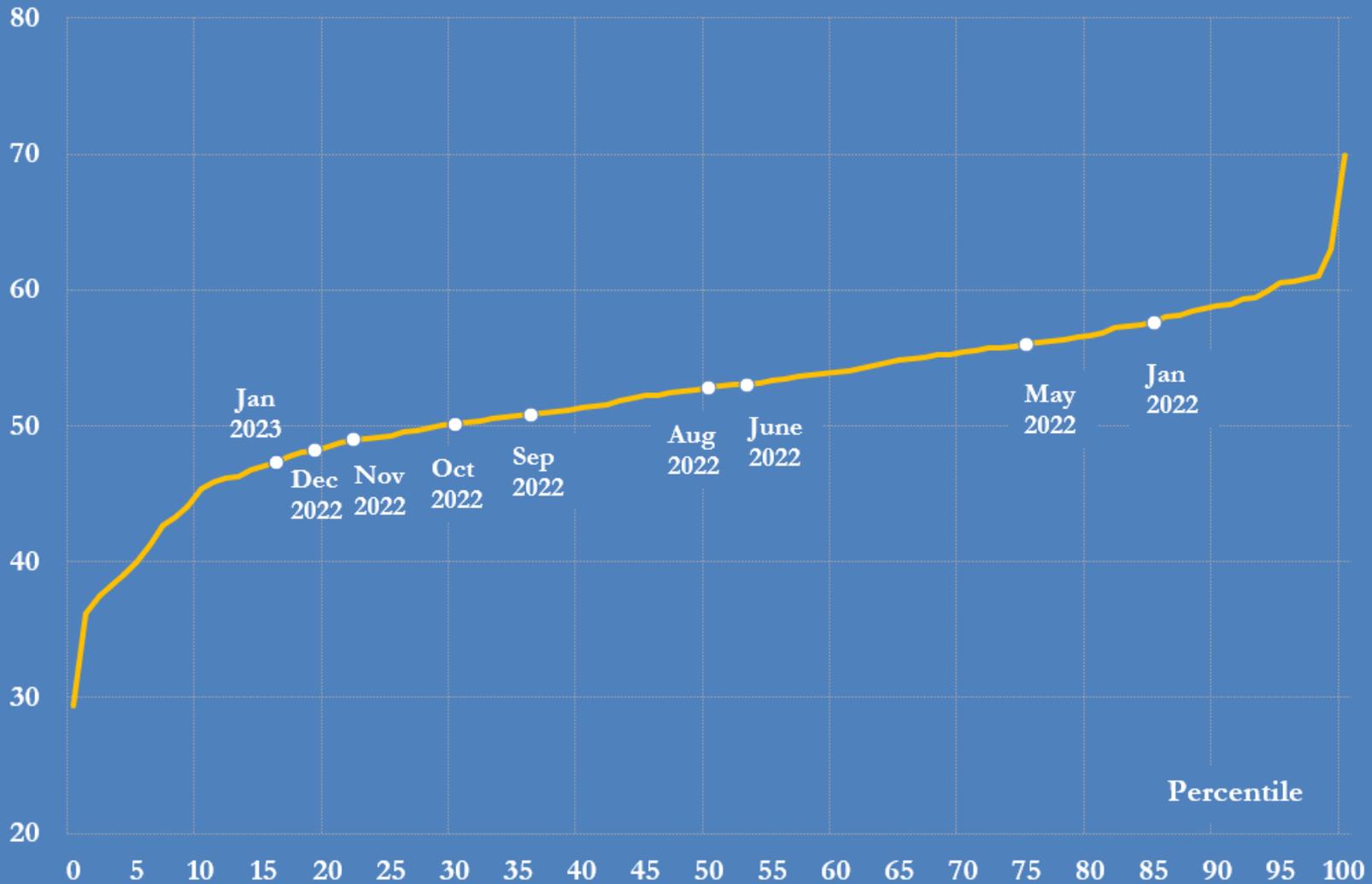
diffusion index, base = 50, monthly and 12-month centred average



Source: Institute for Supply Management, Manufacturing Report on Business

@JKempEnergy

U.S. manufacturing purchasing managers' index, 1980-2023 diffusion index, base = 50, percentile distribution

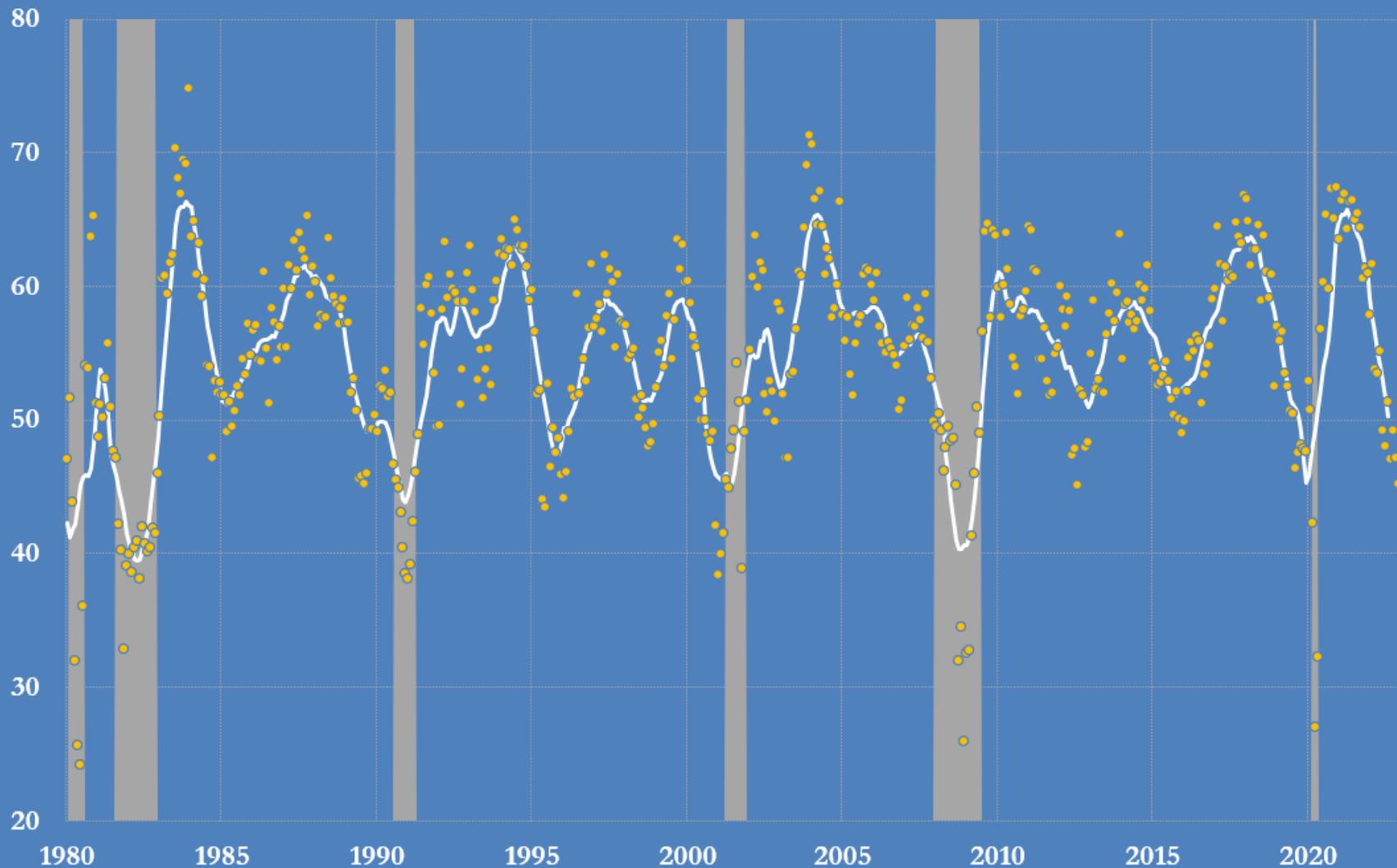


Source: Institute for Supply Management, Manufacturing Report on Business

@JKempEnergy

U.S. ISM manufacturing new orders, 1980-2022

index base = 50, monthly and 12-month centred average
NBER recessions shown

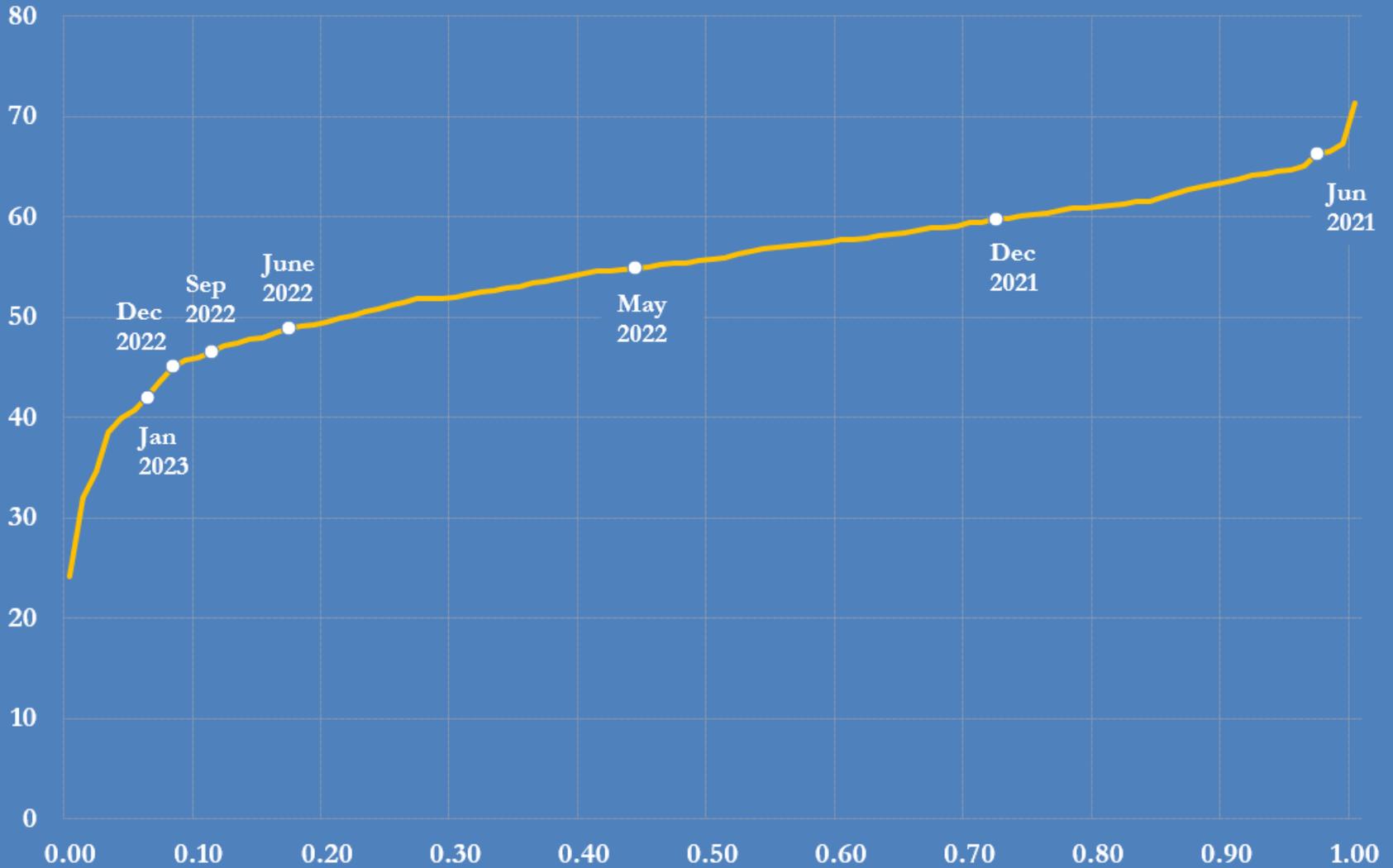


Source: U.S. Institute for Supply Management

@JKempEnergy

U.S. ISM manufacturing new orders index, 1980-2023

percentiles, monthly, index base = 50

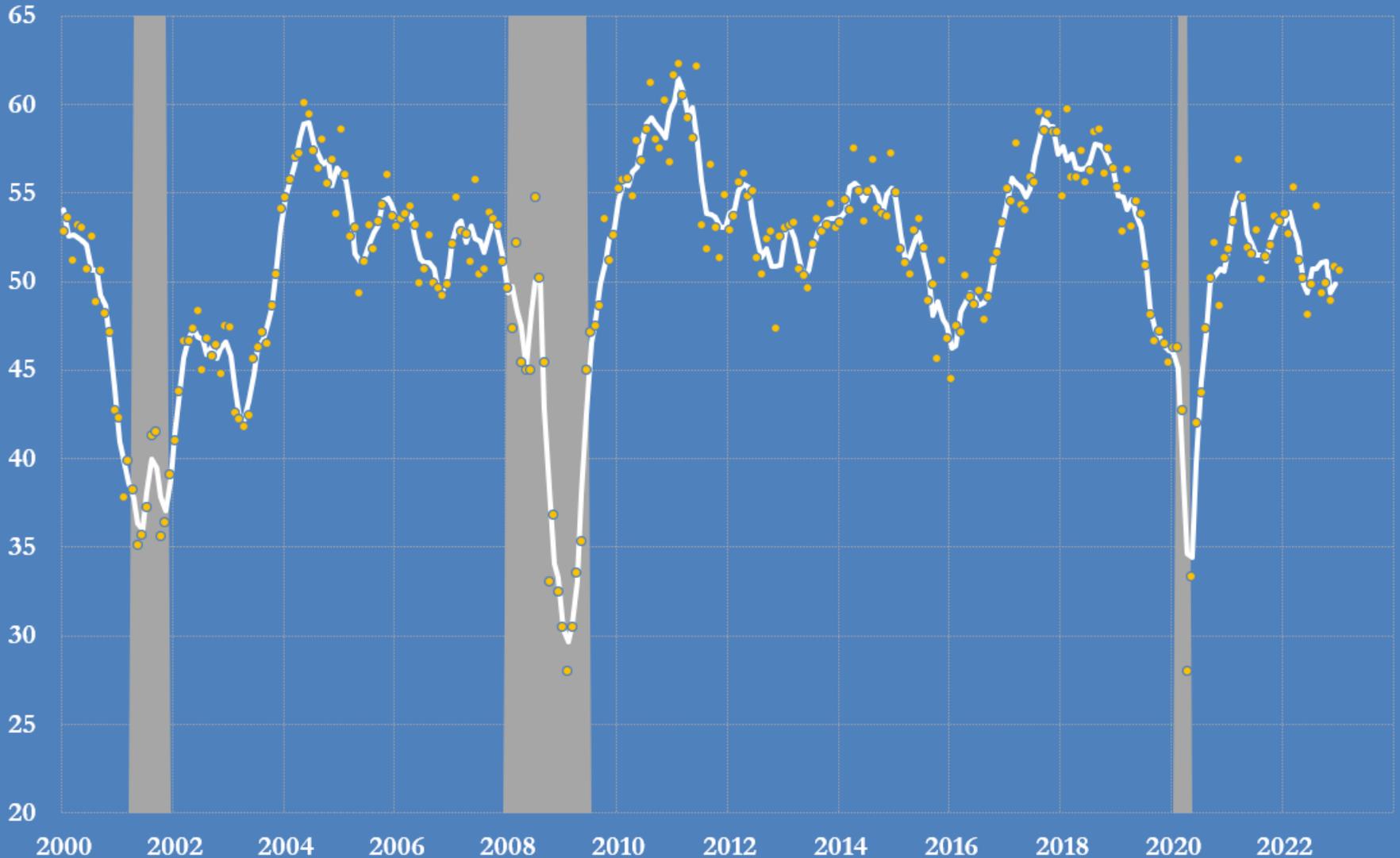


Source: Institute for Supply Management

@JKempEnergy

U.S. ISM manufacturing employment, 2000-2022

index base = 100, monthly and three-month average
NBER recessions shown

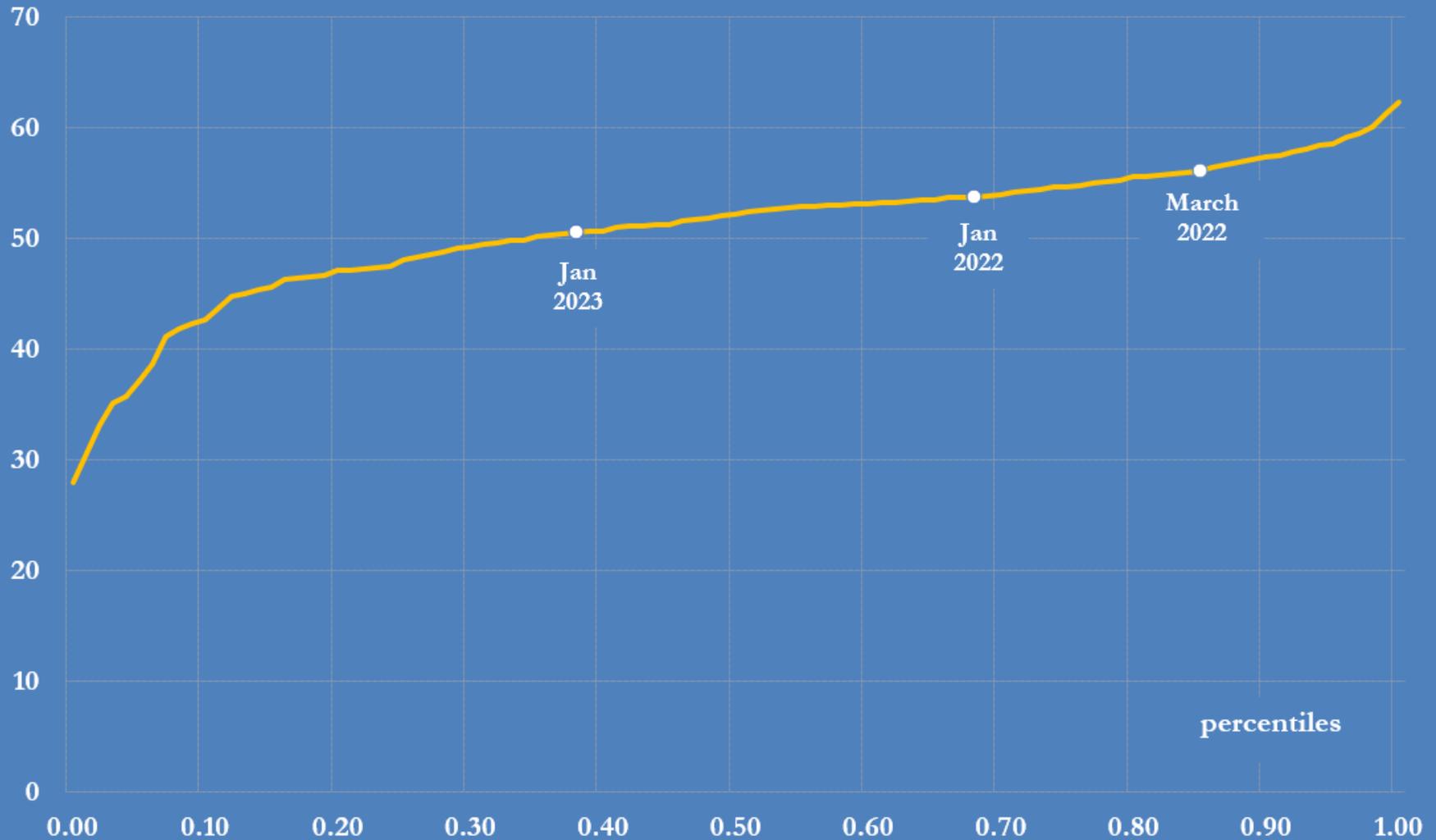


Source: U.S. Institute for Supply Management

@JKempEnergy

U.S. ISM manufacturing employment index, 2000-2023

diffusion index, base = 50, percentile distribution

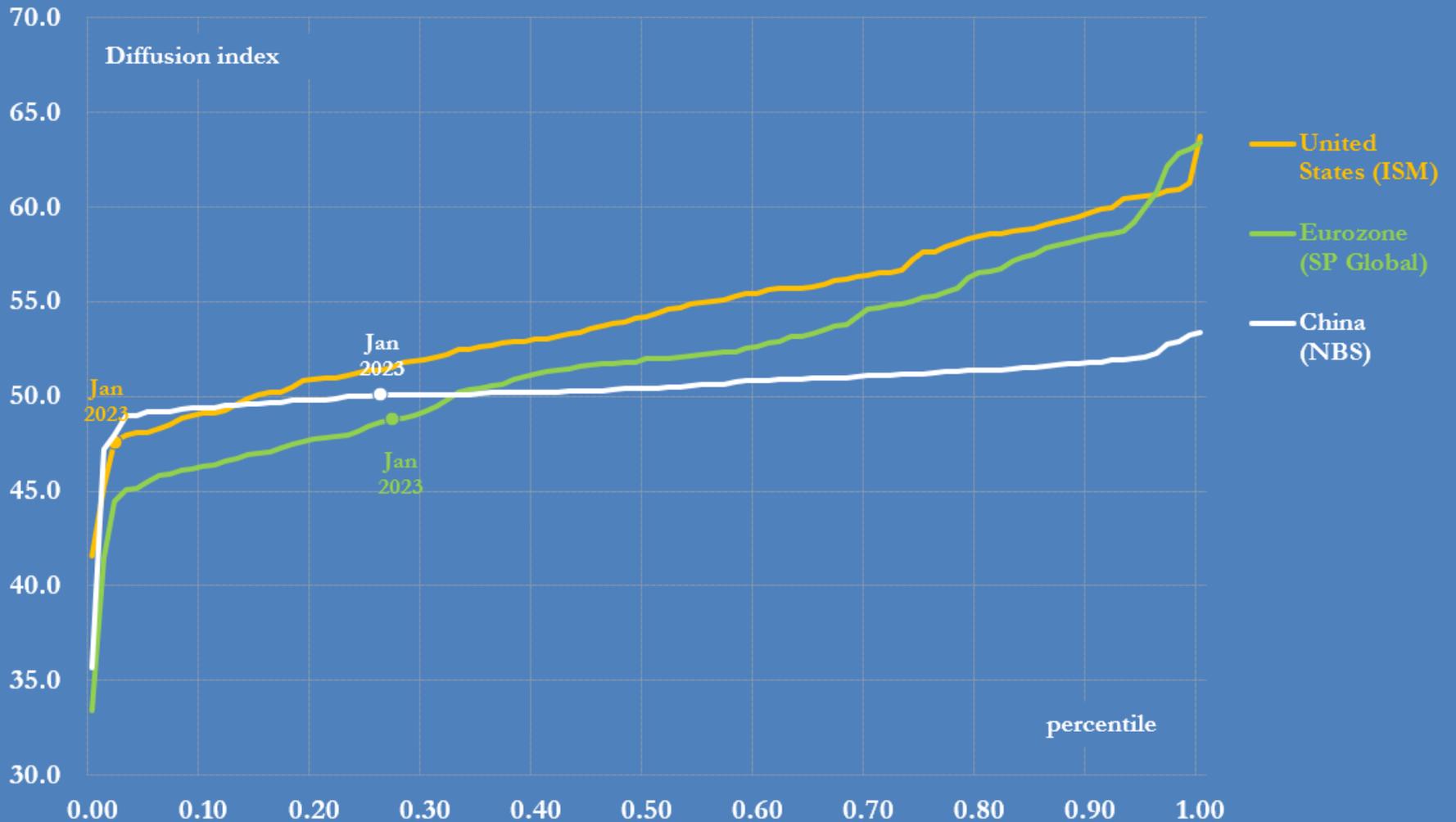


Source: U.S. Institute for Supply Management

@JKempEnergy

Manufacturing sector purchasing managers' indices, 2011-2022/3

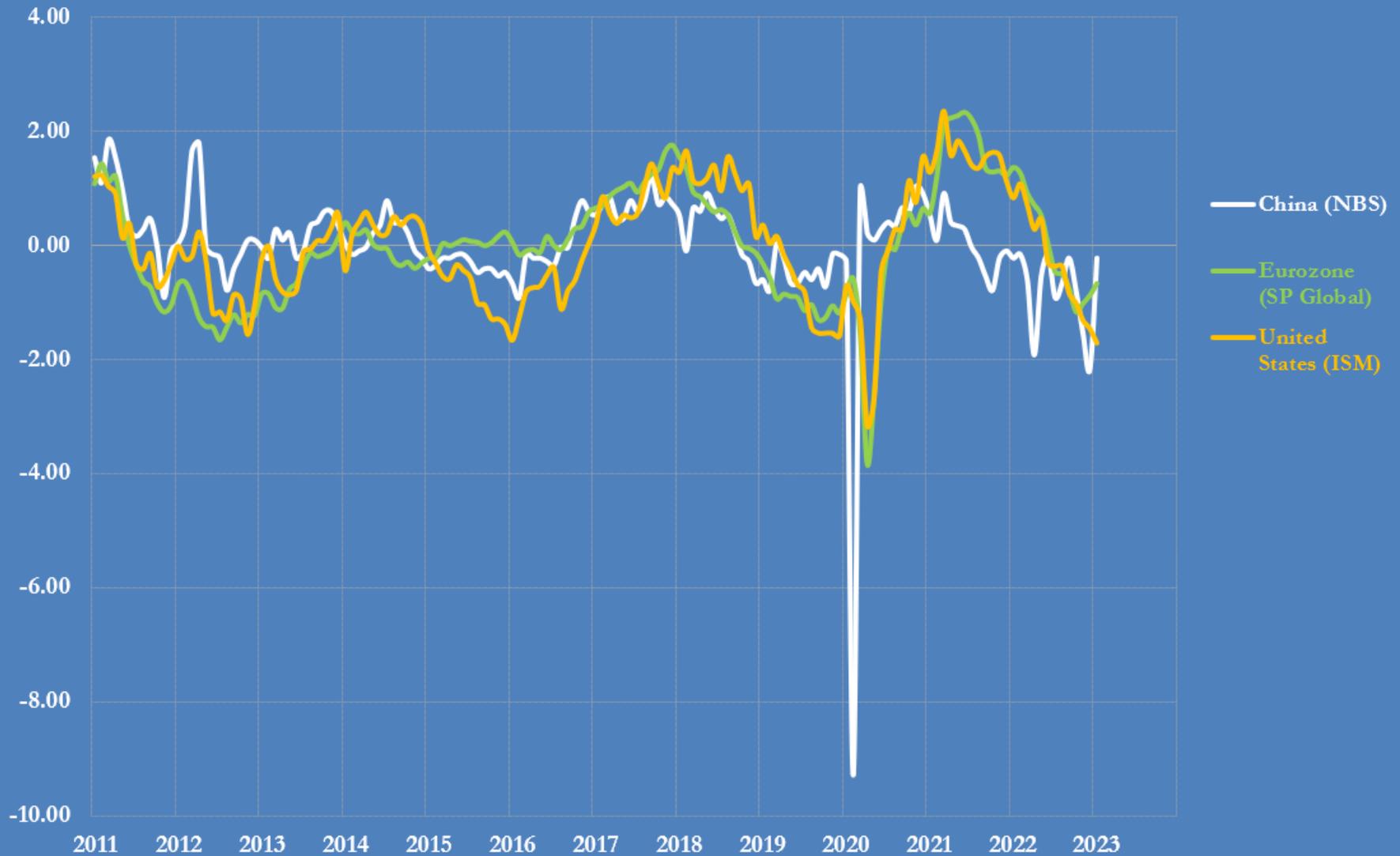
United States, Eurozone and China, percentile distributions



Sources: U.S. Institute for Supply Management, Eurozone S&P Global, and China National Bureau of Statistics
@JKempEnergy

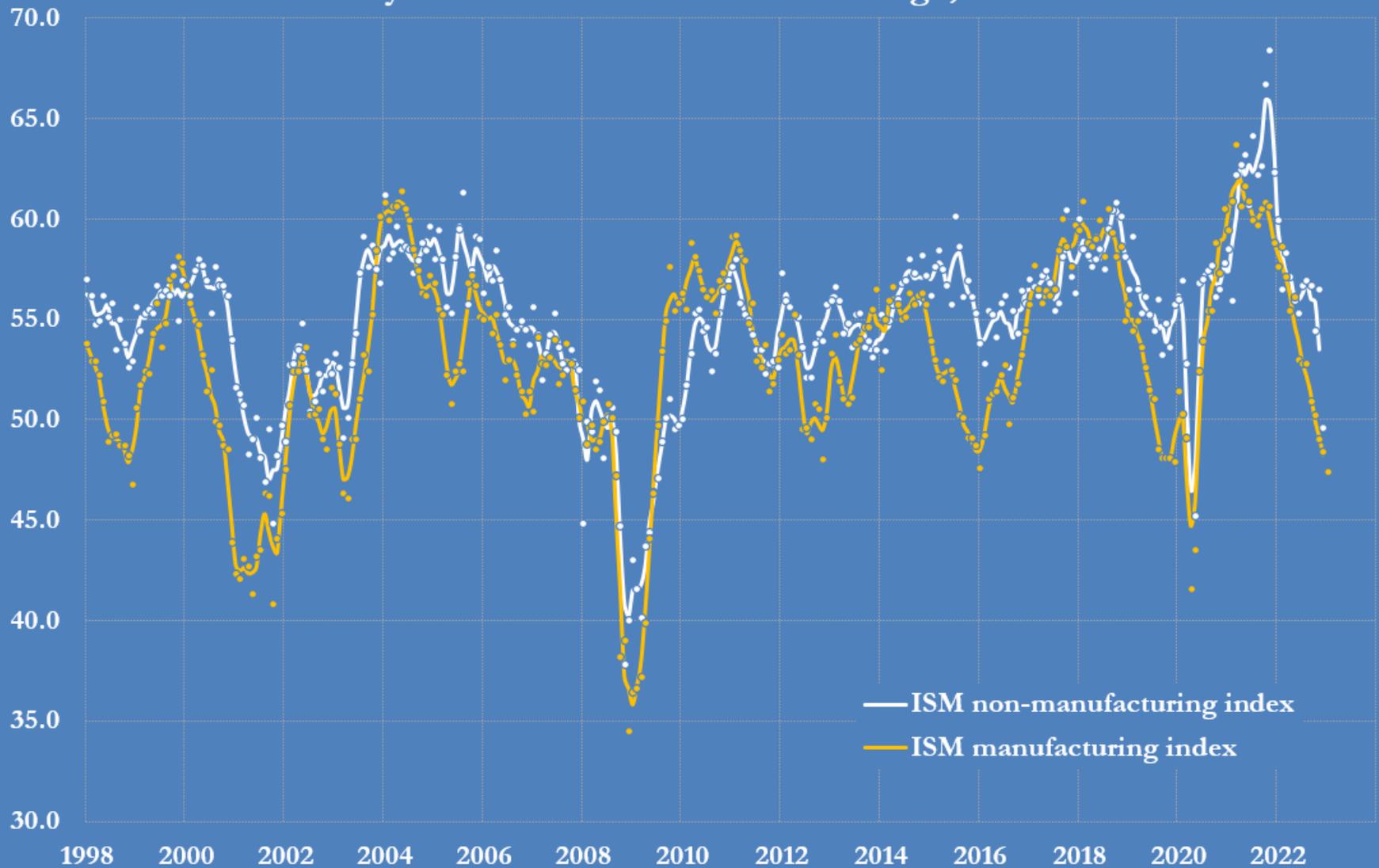
Manufacturing sector purchasing managers' indices, 2011-2023

United States, Eurozone and China, z-scores based on deviation from period average



Sources: U.S. Institute for Supply Management, Eurozone S&P Global, and China National Bureau of Statistics
@JKempEnergy

ISM U.S. manufacturing and non-manufacturing indexes monthly and three-month centred average, 1998-2023

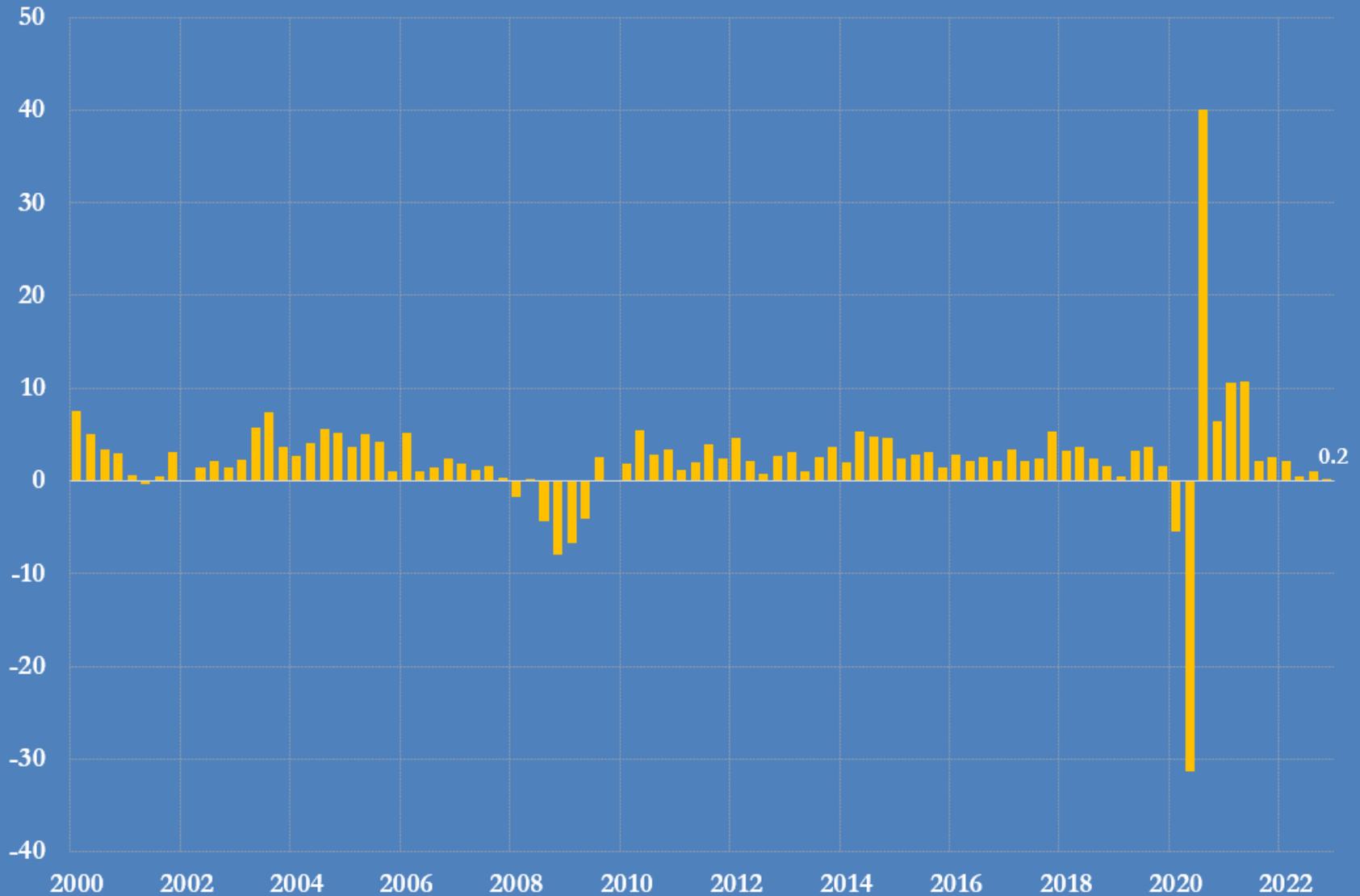


Source: Institute for Supply Management

@JKempEnergy

U.S. real final sales to private domestic purchasers, 2000-2022

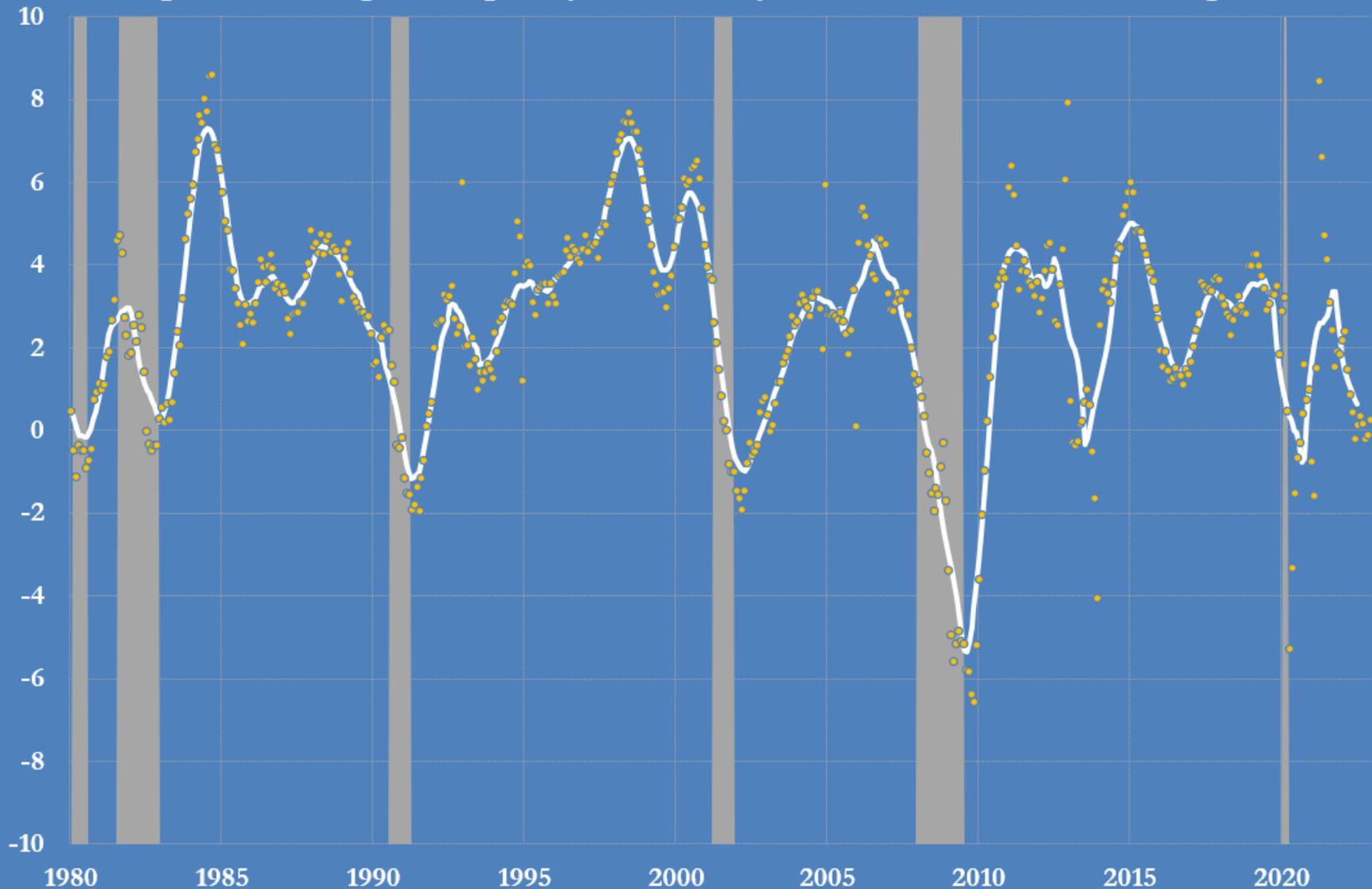
quarterly percent change, reported at annualised rate



Source: U.S. Bureau of Economic Analysis, NIPA Table 1.4.1

@JKempEnergy

Real personal income minus current transfer payments, 1980-2022 percent change from prior year, monthly and 12-month centred average



Source: U.S. Bureau of Economic Analysis, NIPA Table 2.6

@JKempEnergy