

# U.S. gas consumption for electricity generation

## Selected indicators

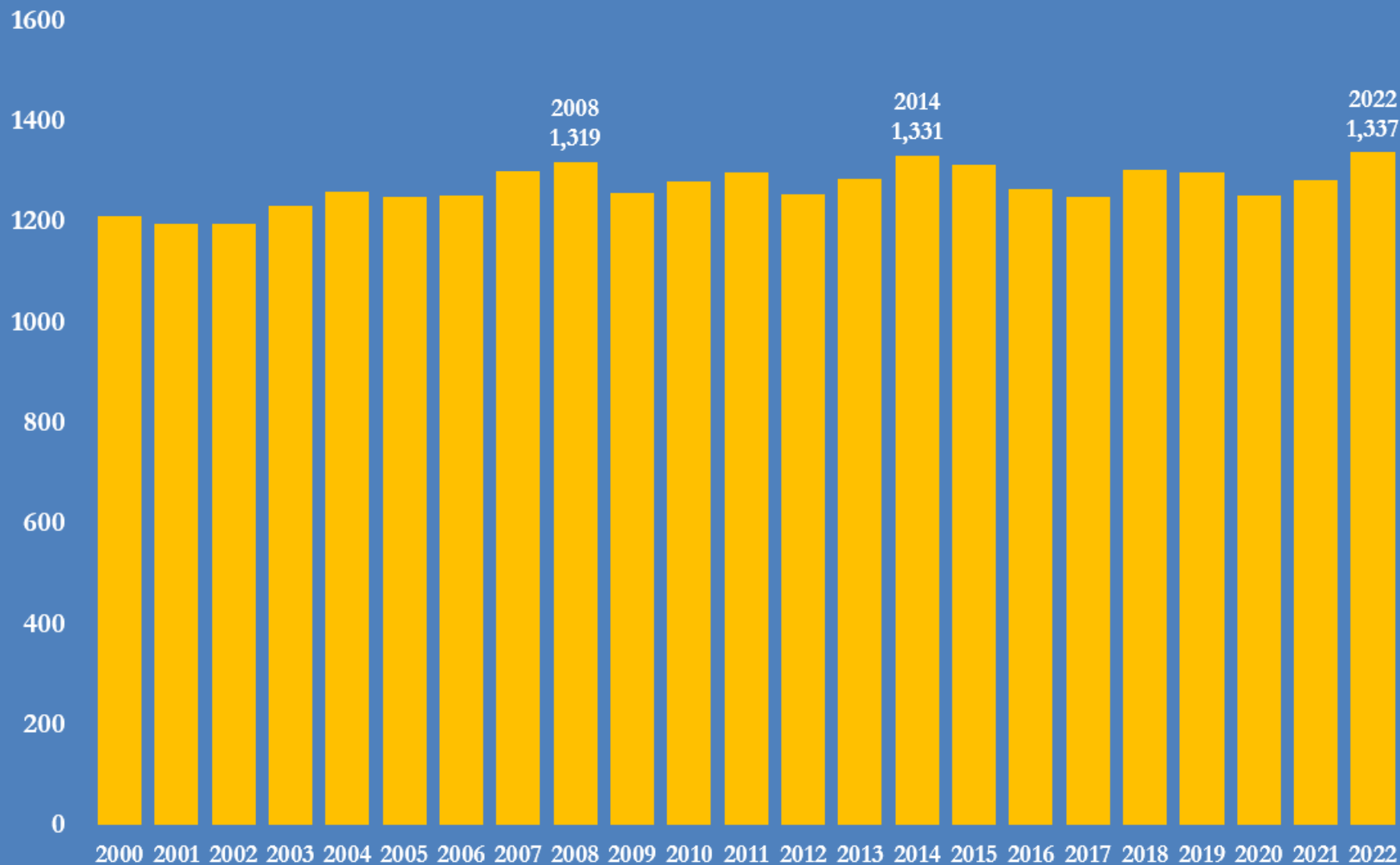
JOHN KEMP

REUTERS

2 August 2022

# U.S. net electricity generation, 2000-2022

billion kWh, January-April

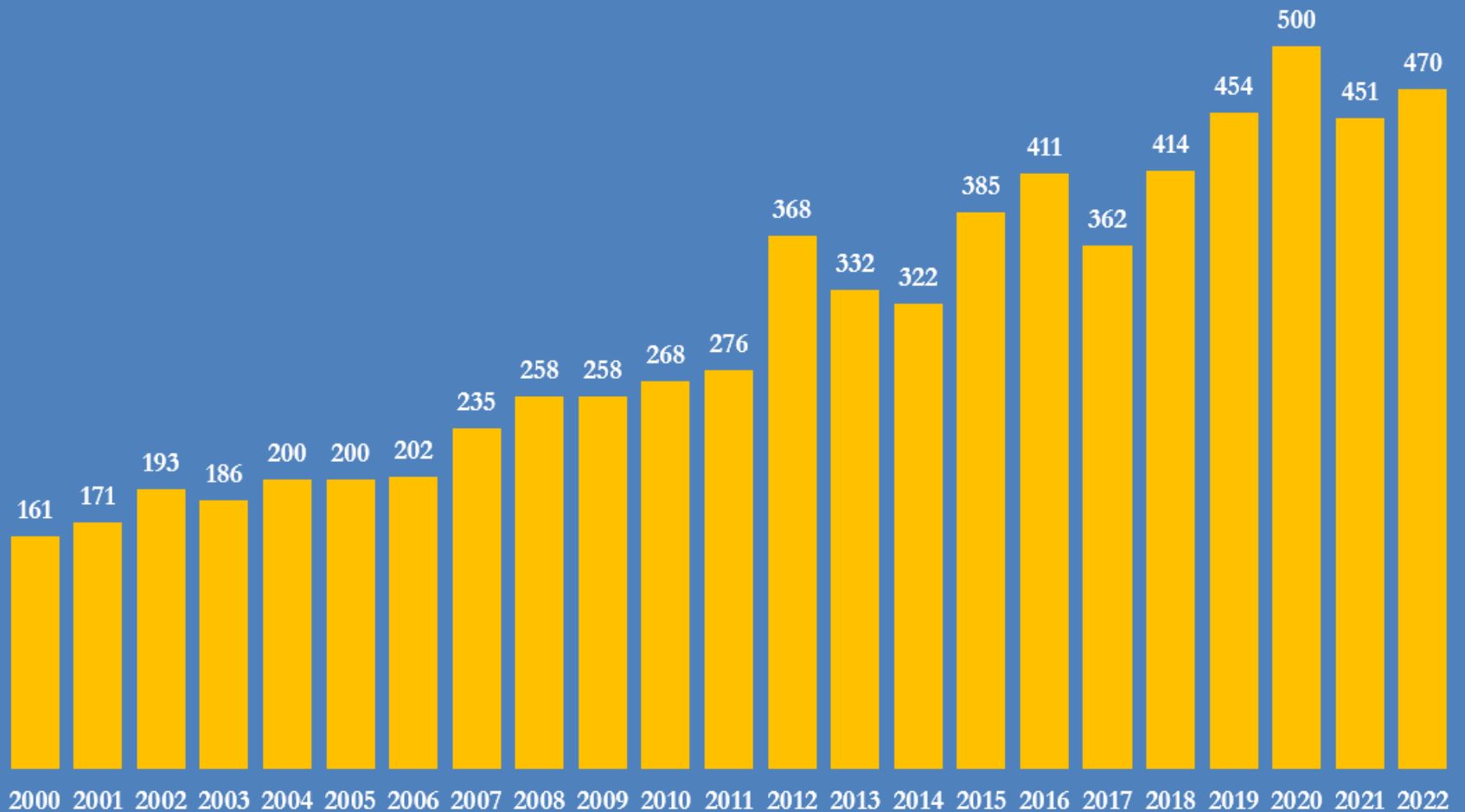


Source: U.S. Energy Information Administration

@JKempEnergy

# U.S. net gas-fired electricity generation, 2000-2022

billion kWh, January-April

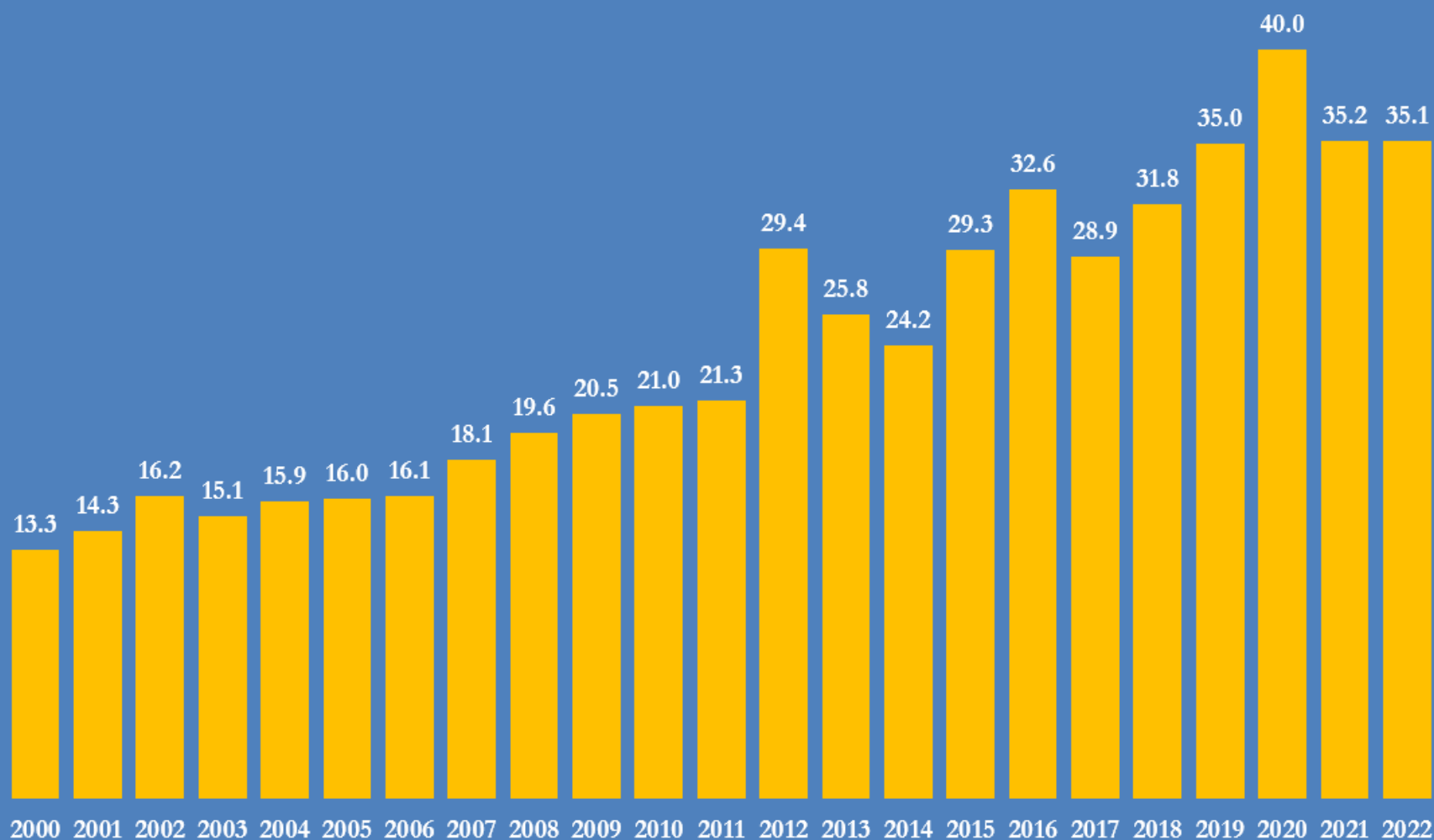


Source: U.S. Energy Information Administration

@JKempEnergy

## U.S. net gas-fired electricity generation, 2000-2022

percent of total net generation from all sources, January-April

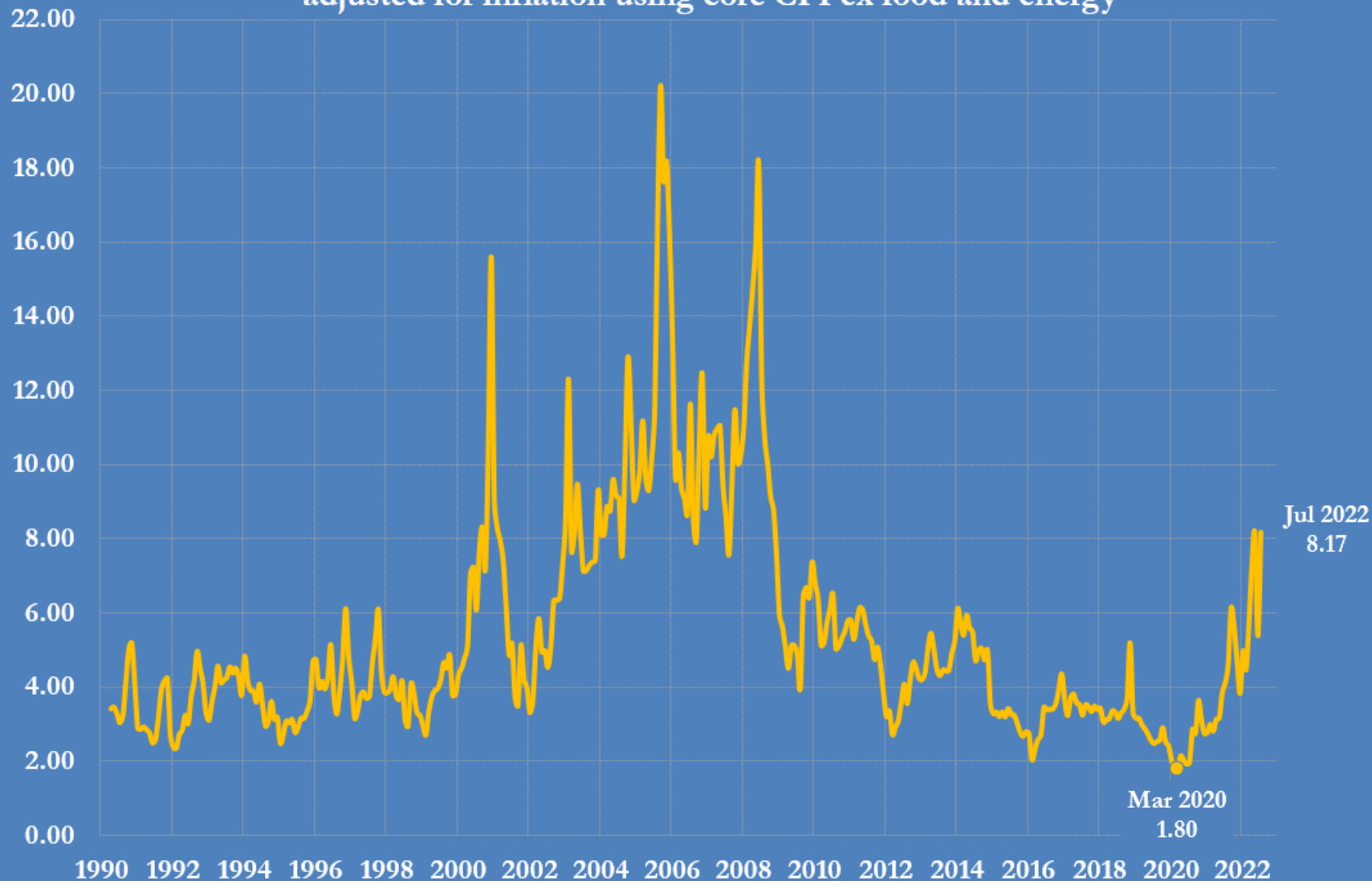


Source: U.S. Energy Information Administration

@JKempEnergy

# U.S. real natural gas price, 1990-2022

front-month futures, U.S.\$ per million British thermal units, month-end  
adjusted for inflation using core CPI ex food and energy

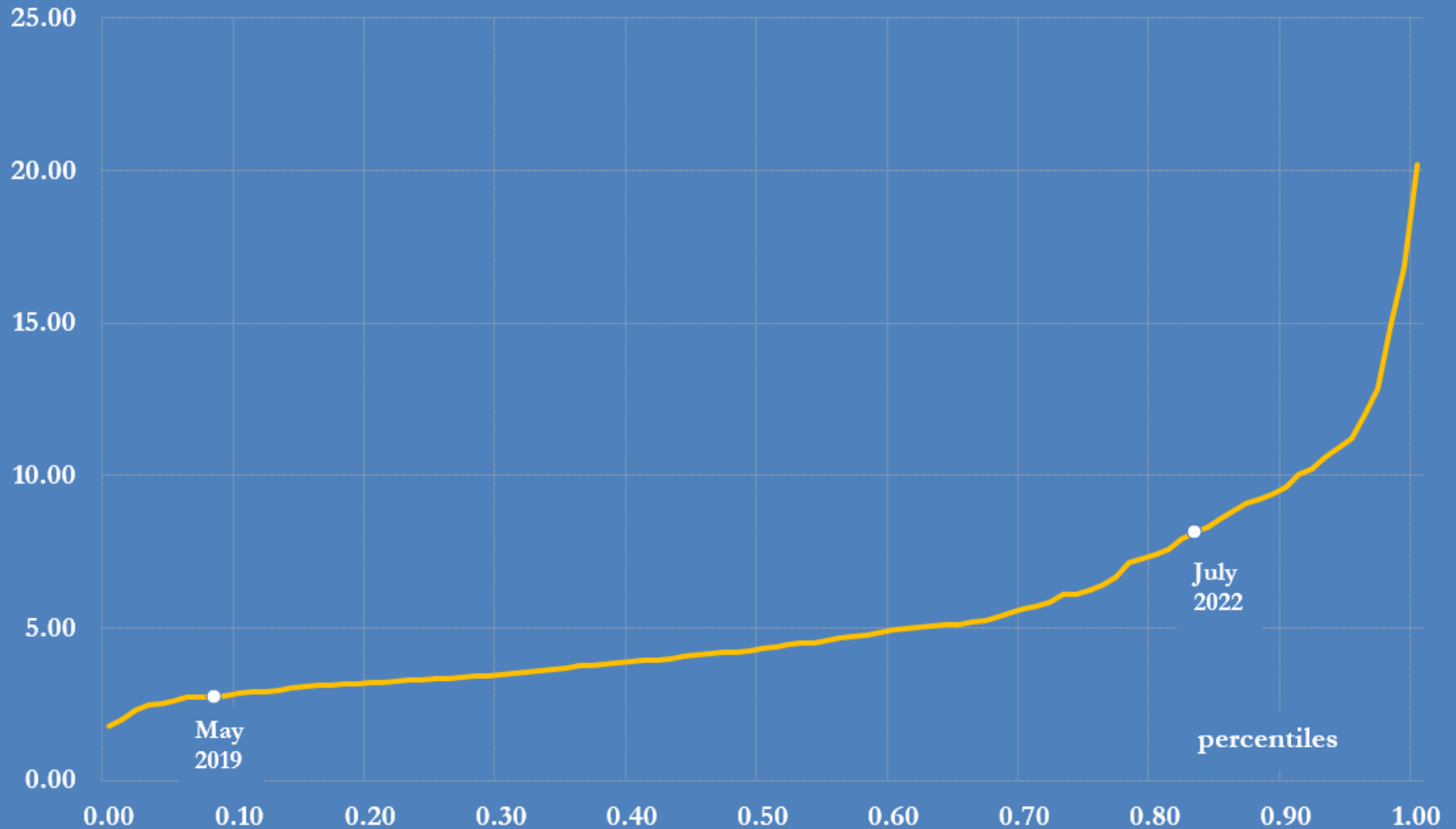


Sources: CME Group, U.S. Bureau of Labor Statistics

@JKempEnergy

# U.S. real natural gas price, 1990-2022

front-month futures, U.S.\$ per million British thermal units, month-end  
percentiles, adjusted for inflation using core CPI ex food and energy

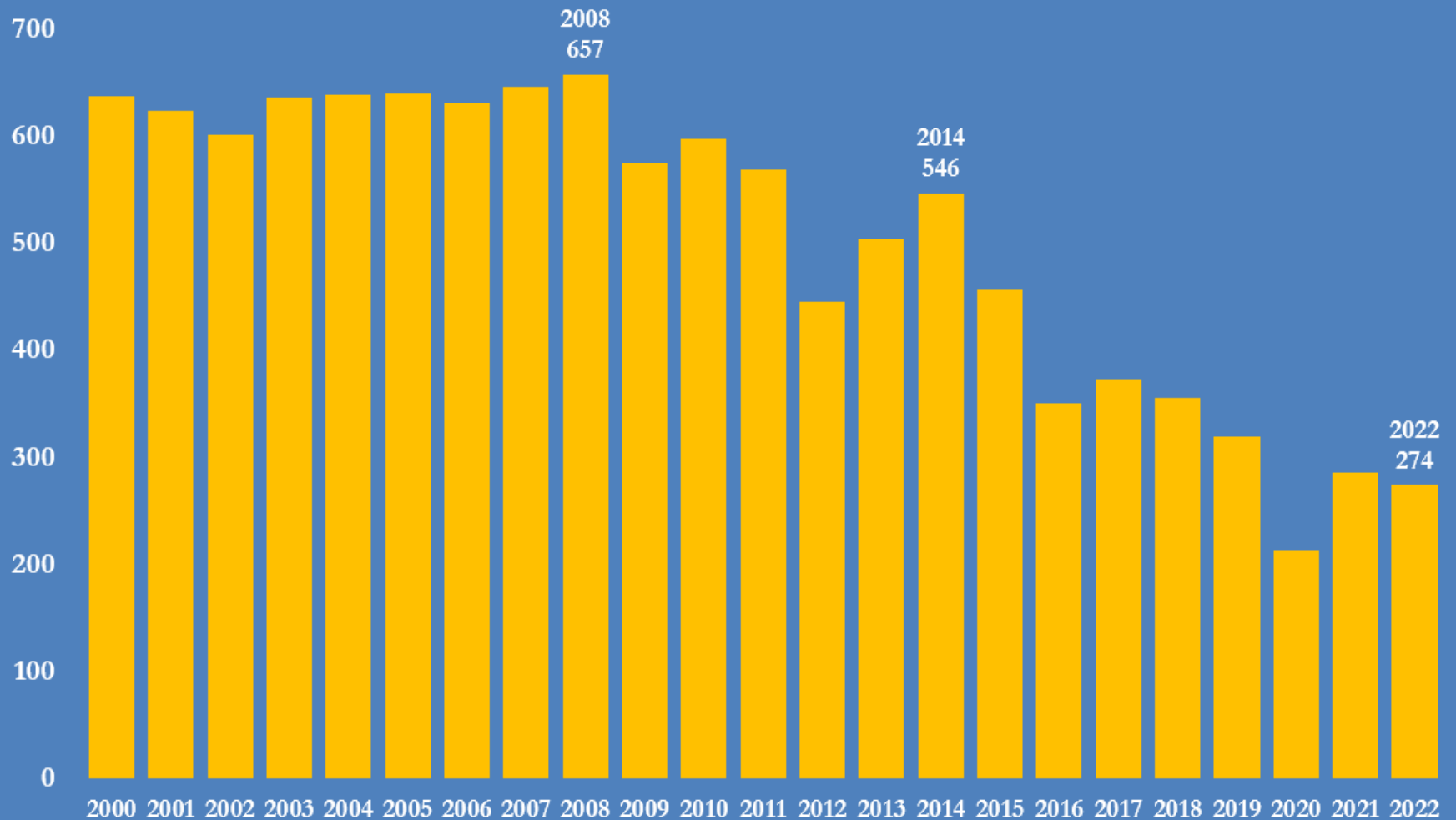


Sources: CME Group, U.S. Bureau of Labor Statistics

@JKempEnergy

## U.S. net coal-fired electricity generation, 2000-2022

billion kWh, January-April

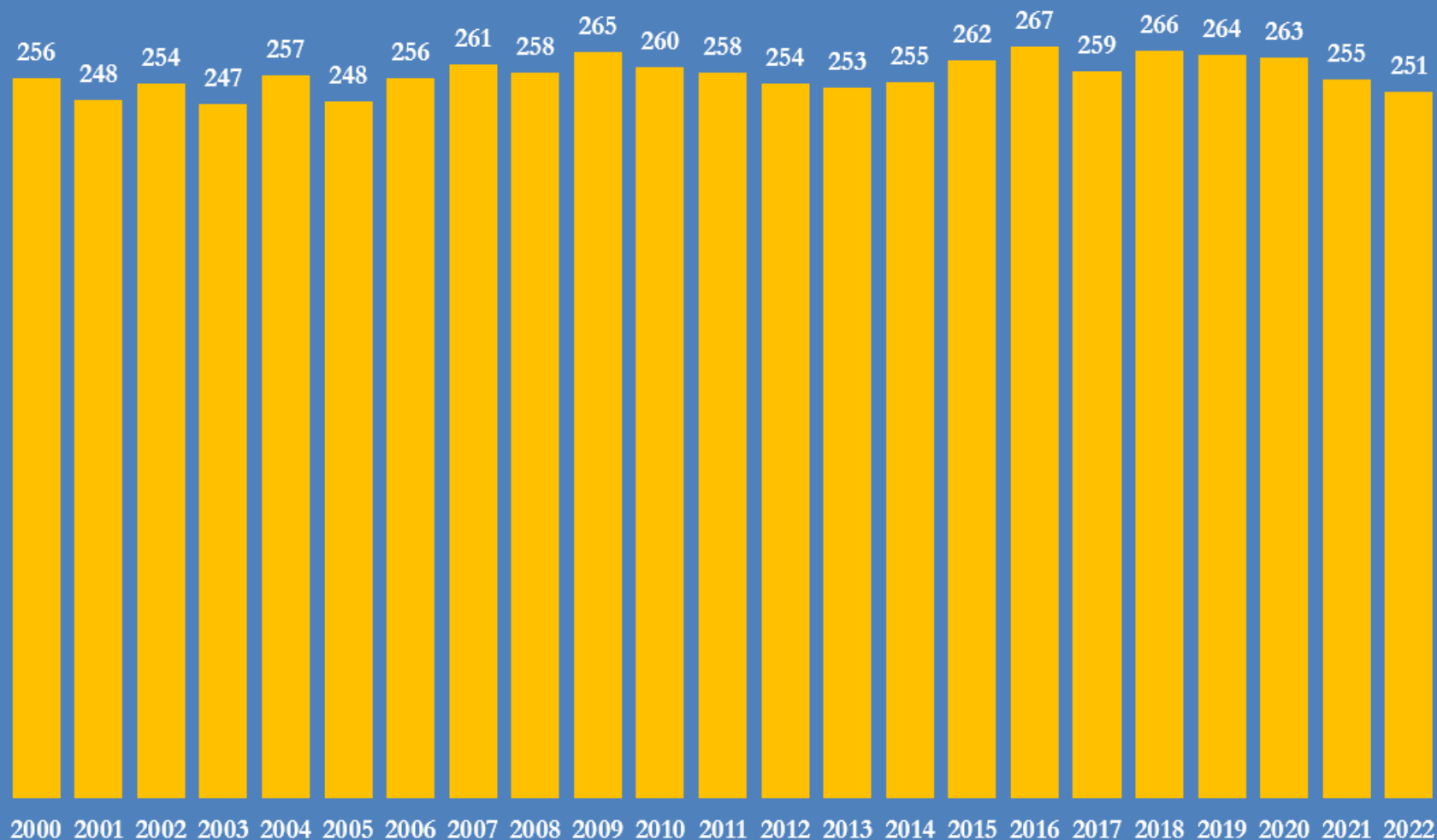


Source: U.S. Energy Information Administration

@JKempEnergy

## U.S. net nuclear generation, 2000-2022

billion kWh, January-April



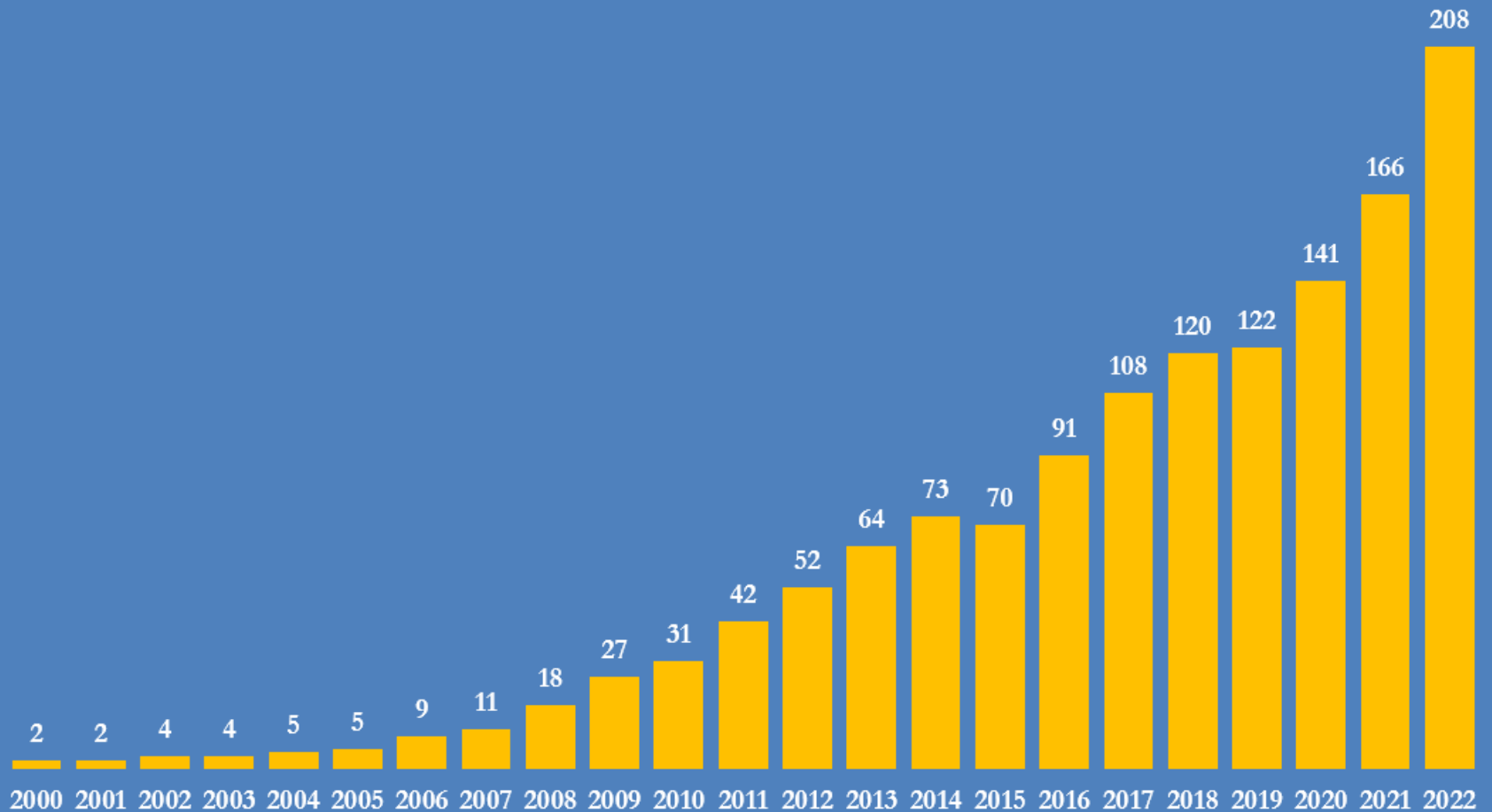
Source: U.S. Energy Information Administration

@JKempEnergy



## U.S. net generation from wind and solar, 2000-2022

billion kWh, January-April

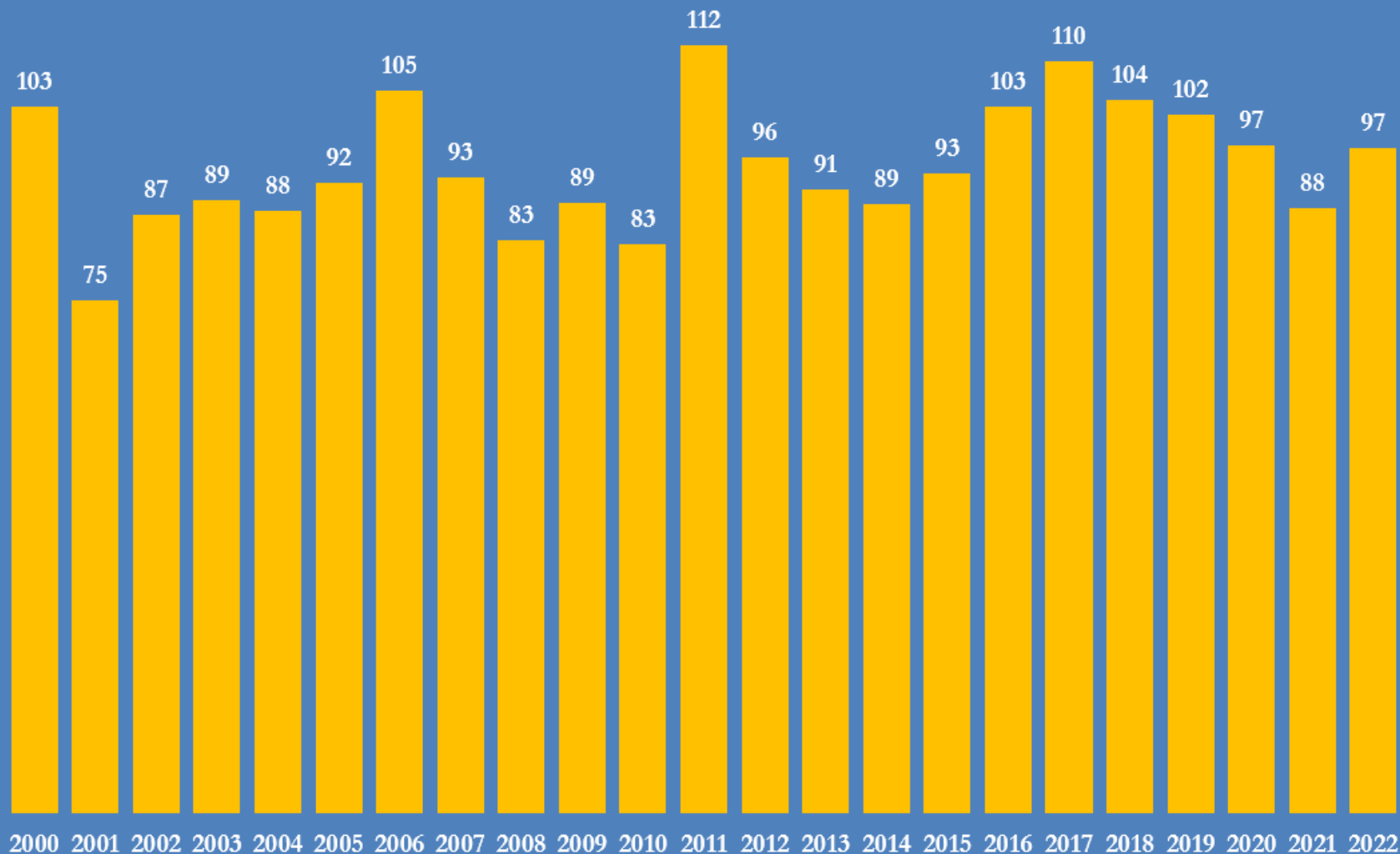


Source: U.S. Energy Information Administration

@JKempEnergy

## U.S. net hydro-electric generation, 2000-2022

billion kWh, January-April

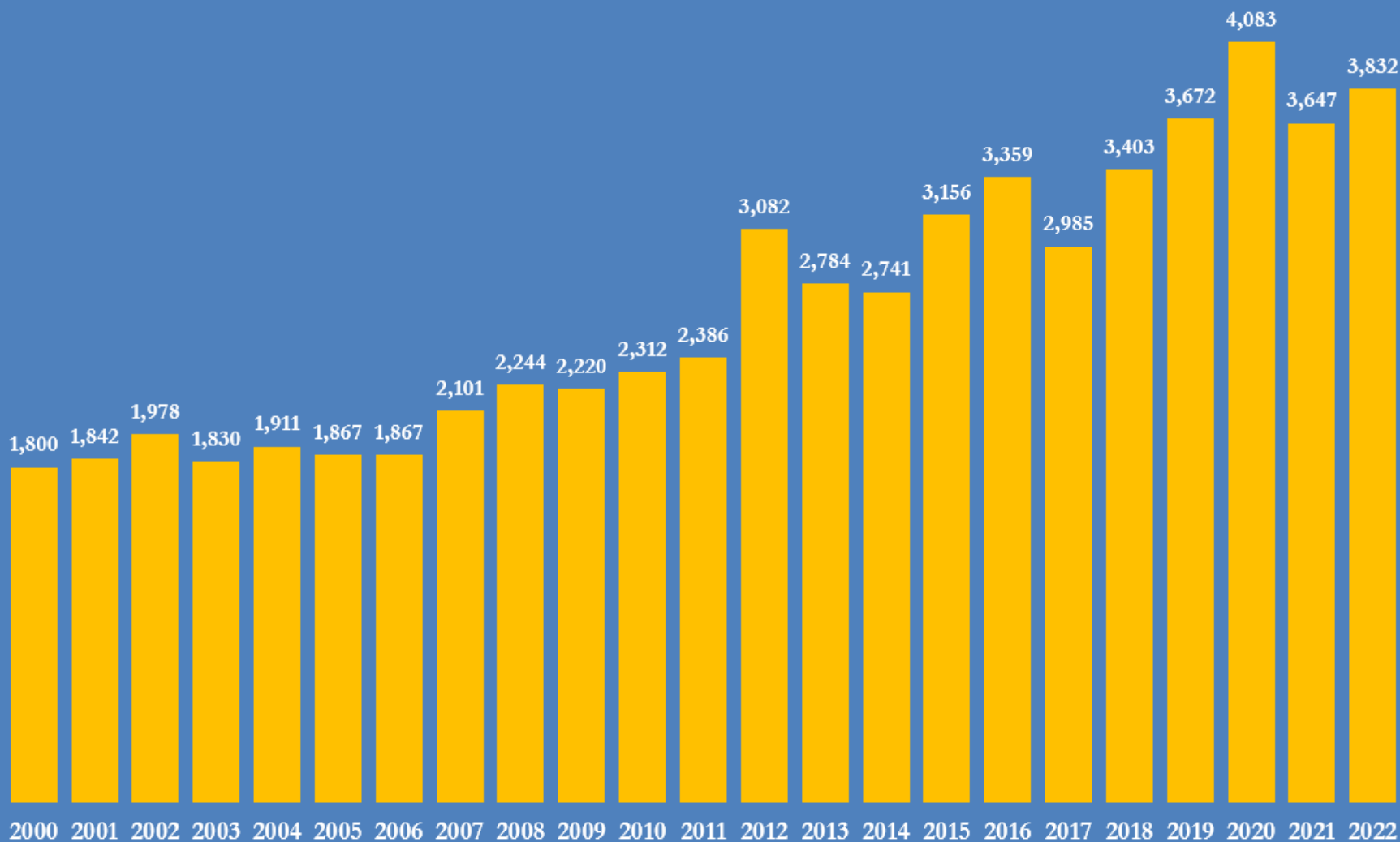


Source: U.S. Energy Information Administration

@JKempEnergy

## U.S. electricity generators' consumption of natural gas, 2000-2022

billion cubic feet, January-April

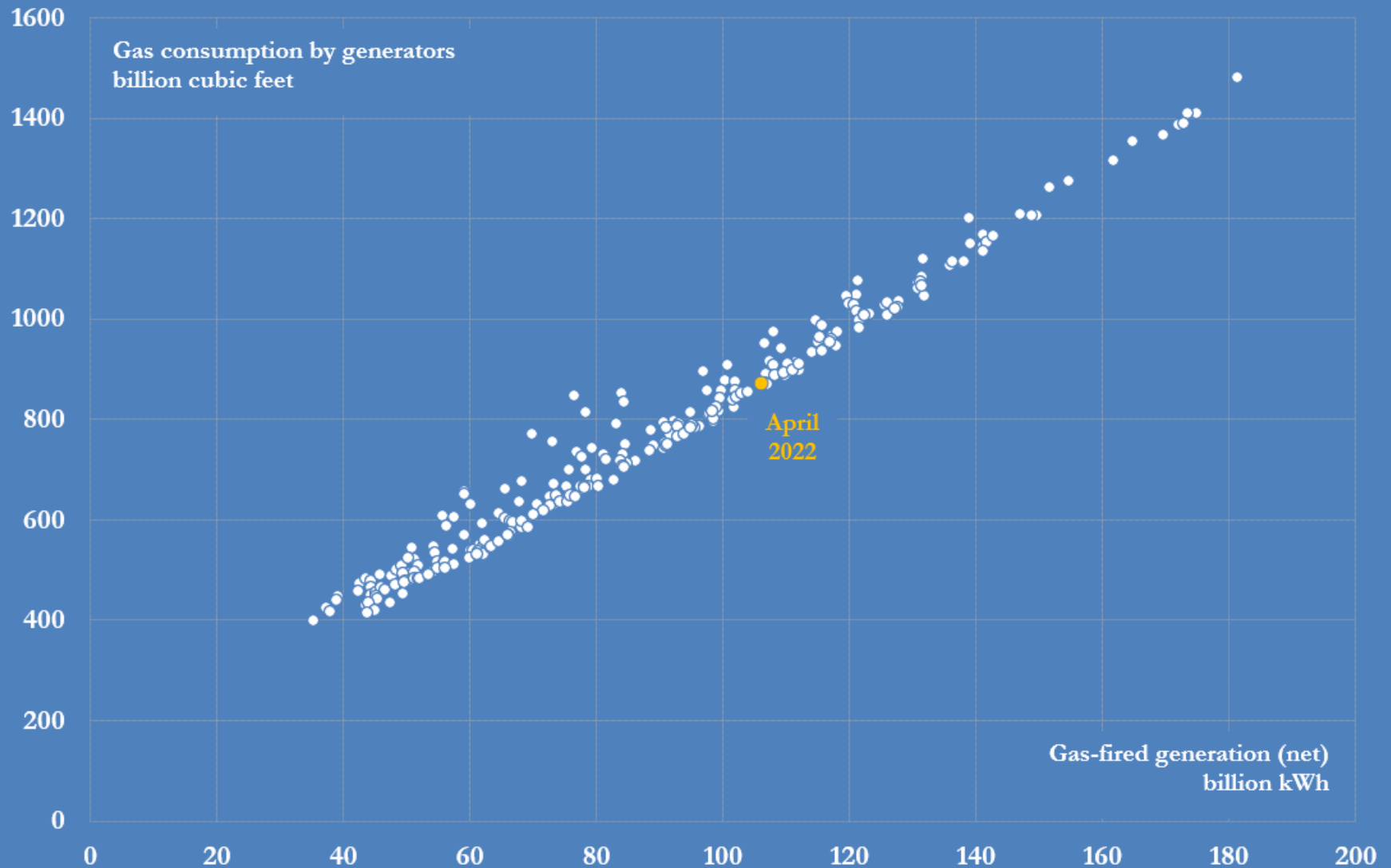


Source: U.S. Energy Information Administration

@JKempEnergy

# U.S. gas-fired generation and gas consumption, 2000-2022

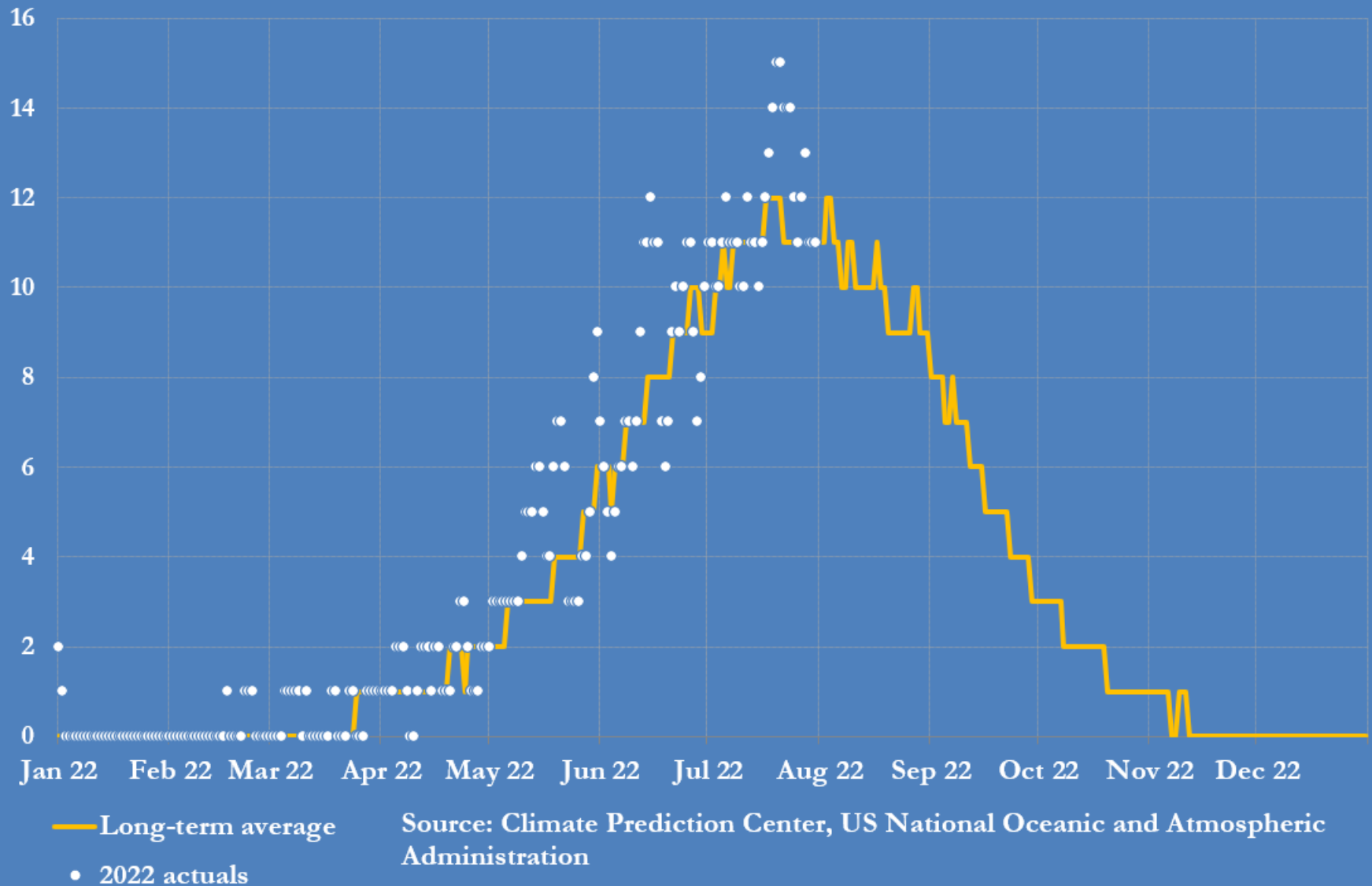
monthly, billion kilowatt-hours and billion cubic feet



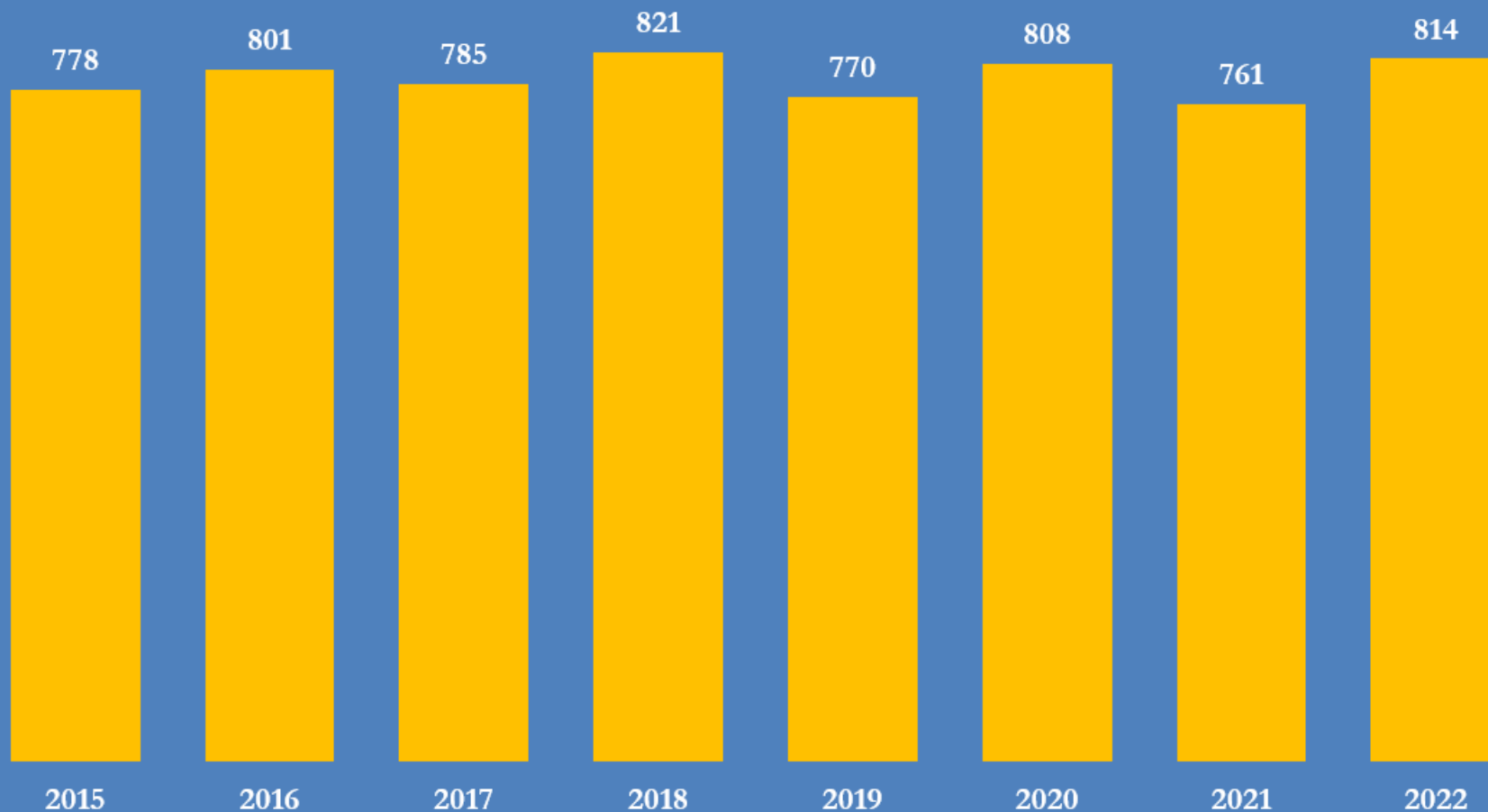
Source: U.S. Energy Information Administration

@JKempEnergy

## U.S. cooling demand: daily population-weighted cooling degree days in 2022 versus long-term average (CONUS)

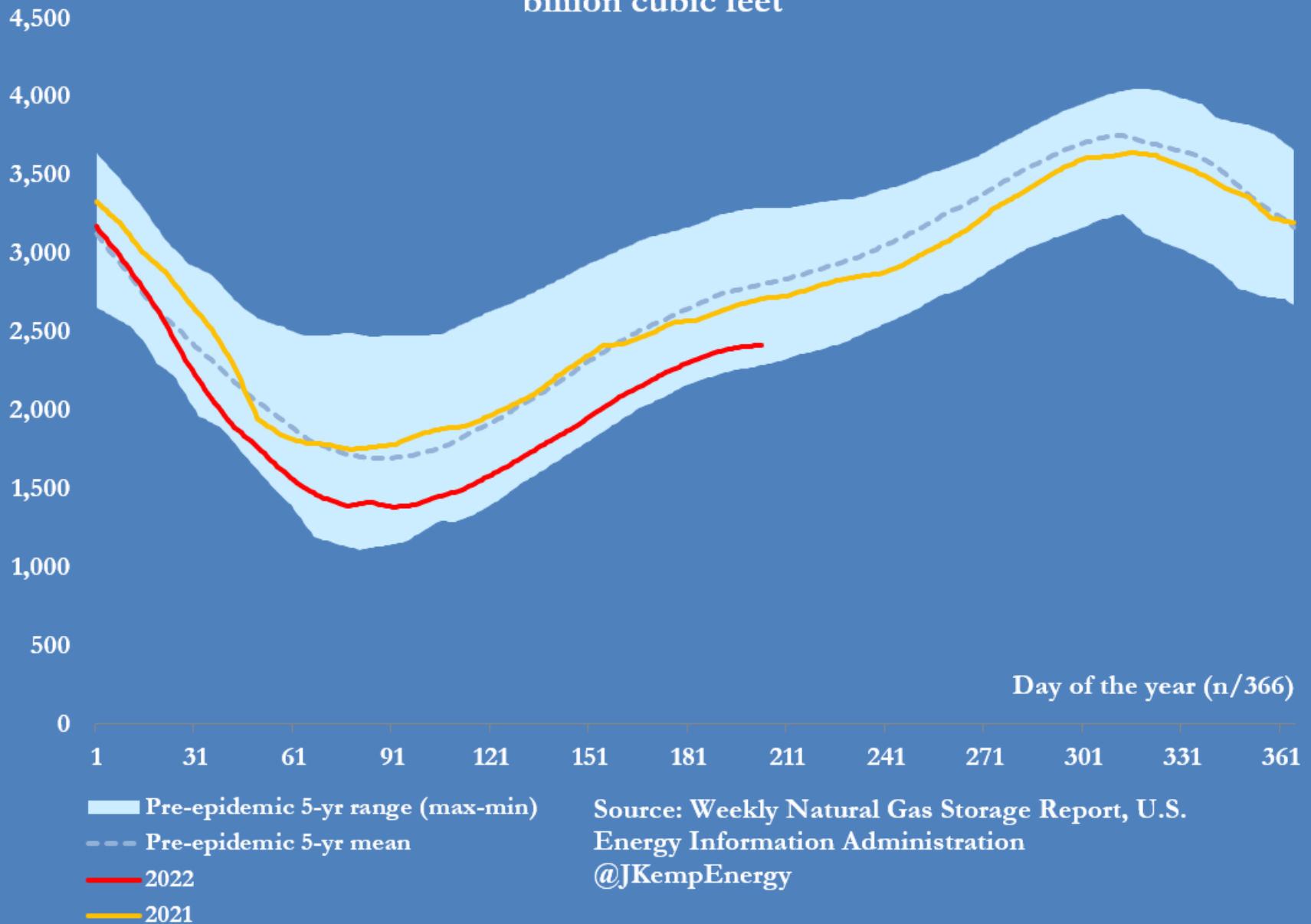


**U.S. cumulative cooling degree days, 2015-2022**  
population-weighted, Lower 48 states  
accumulated CDDs each year between January 1 and July 31

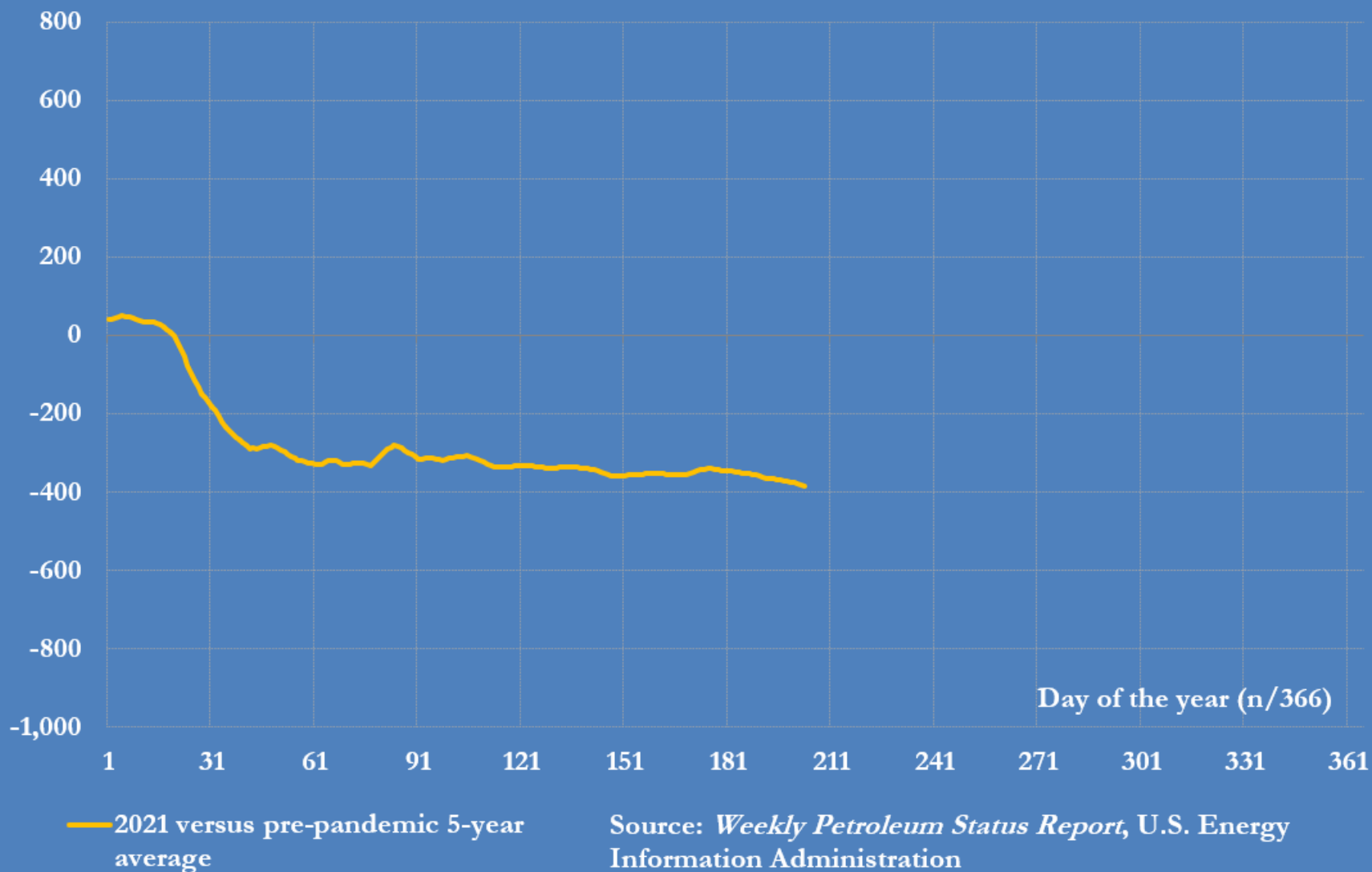


Source: Climate Prediction Center, US National Oceanic and Atmospheric Administration  
@JKempEnergy

# U.S. working gas stocks in underground storage billion cubic feet



## U.S. working gas stocks in underground storage (L48) change versus pre-pandemic 5-year average (bcf)

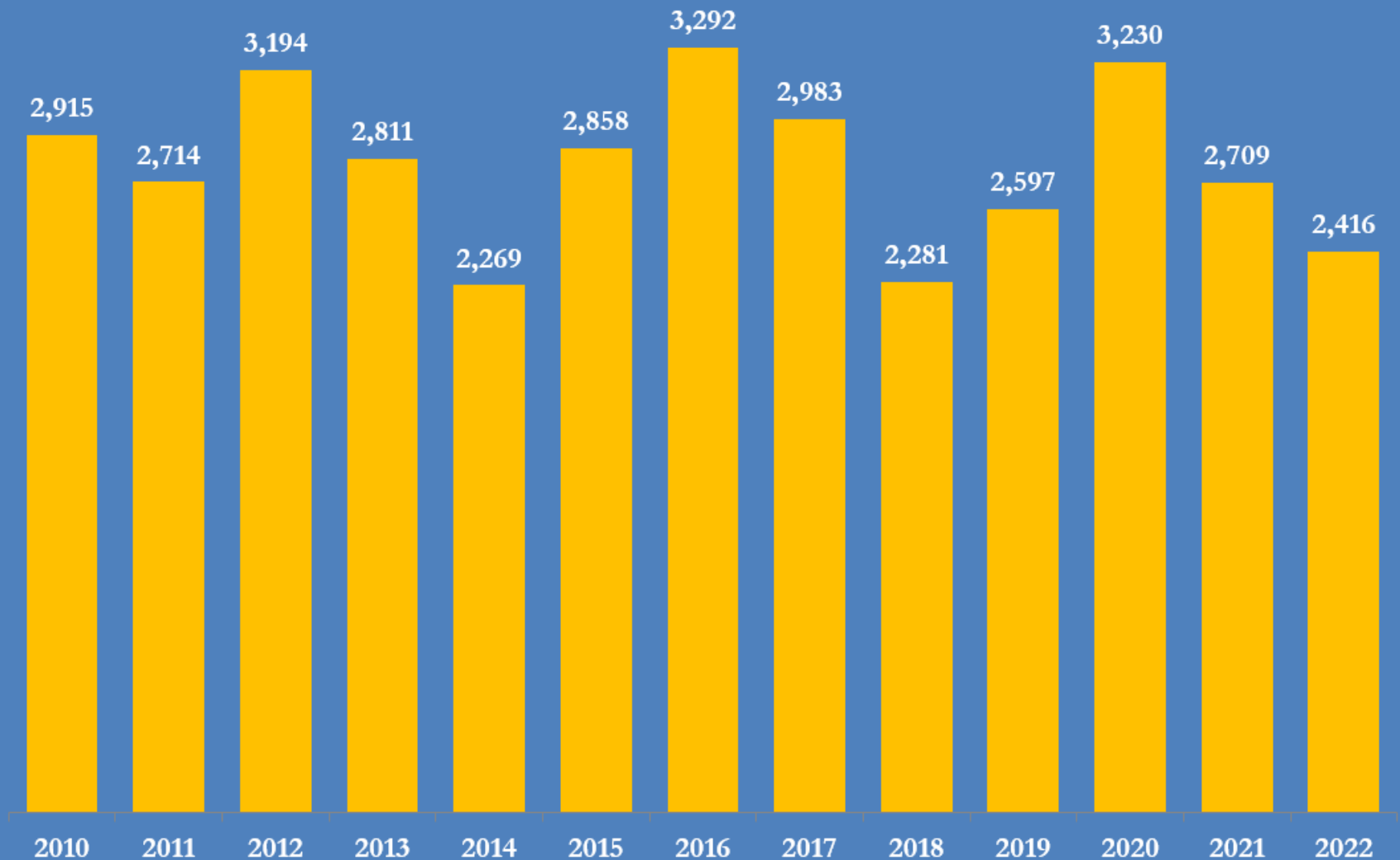


Source: *Weekly Petroleum Status Report*, U.S. Energy Information Administration  
@JKempEnergy



## U.S. natural gas stocks, 2010-2022

billion cubic feet each year on July 22



Source: US Energy Information Administration

@JKempEnergy