

# China coal production, transportation and consumption

## Selected indicators

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REUTERS

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# China's electricity shortage, 2021

all data is cumulative Jan-Aug, percent change from year earlier

Total electricity generation +12.9%

Thermal generation +13.7%

Hydro generation -0.2%

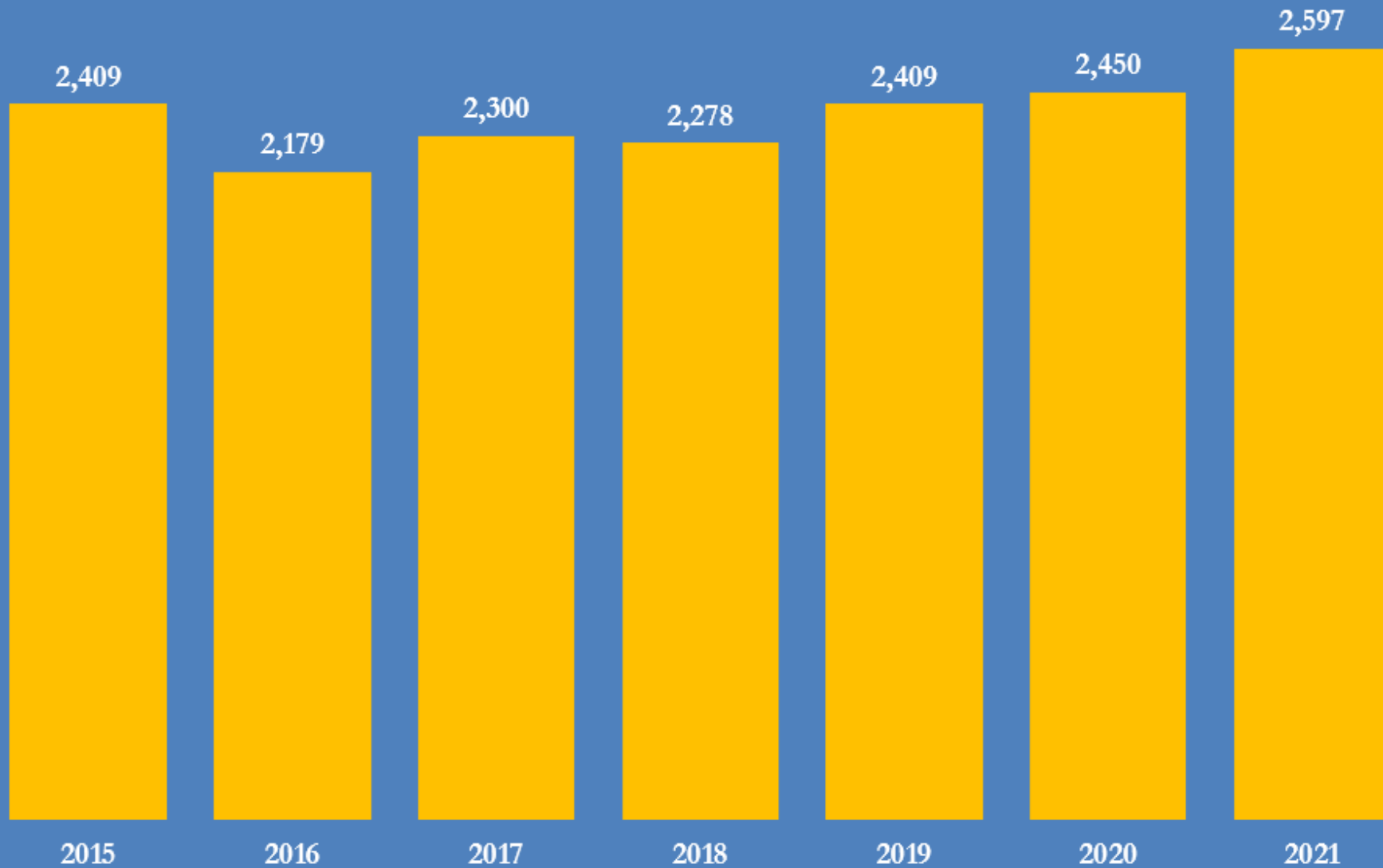
Rail freight volume\* +11.0%

Coal production +6.0%

\*Coal accounts for >40% of all freight tonne-kms on the rail network

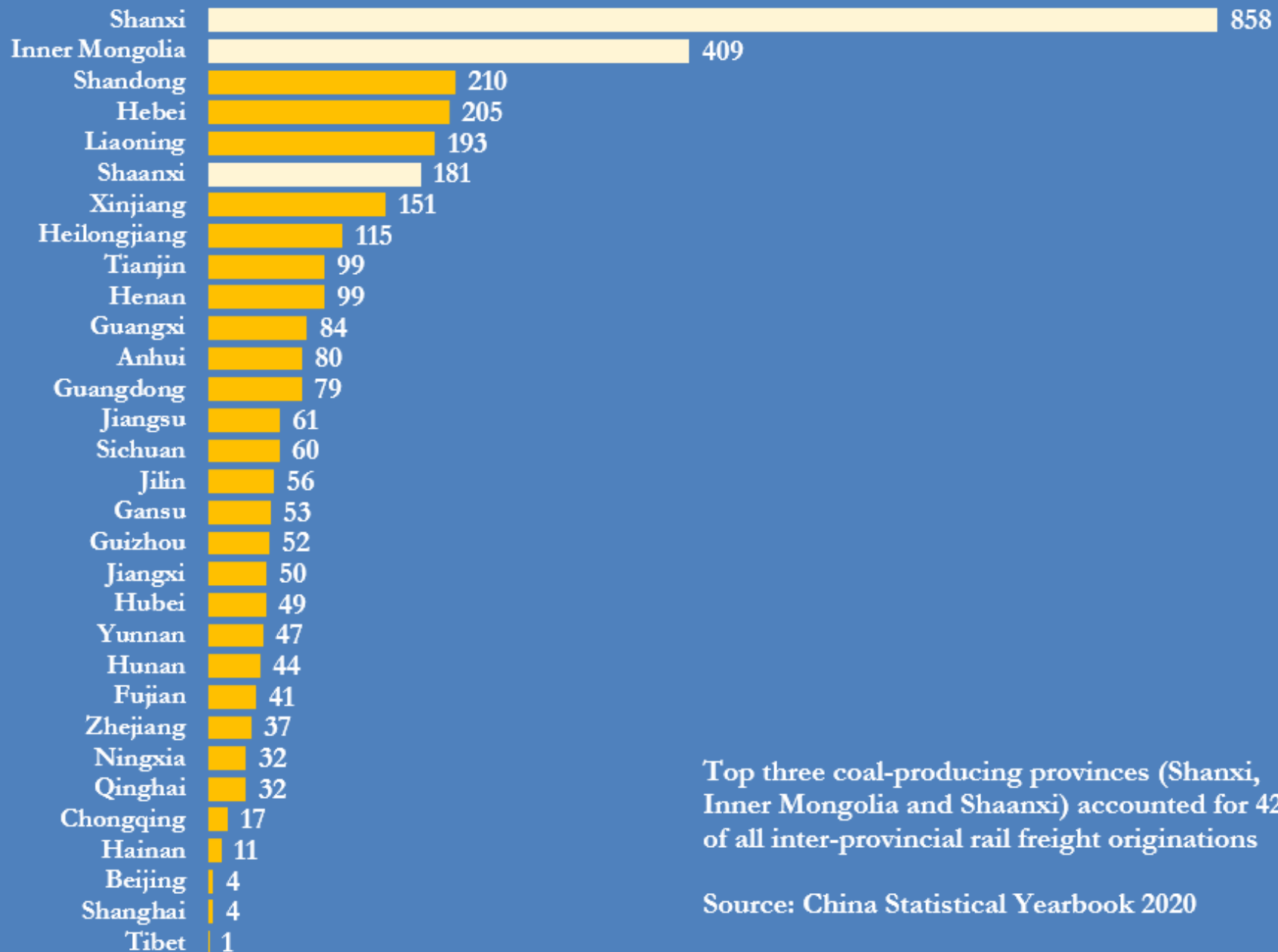
# China coal production, 2015-2021

million tonnes, cumulative production from Jan to Aug each year



# China rail freight originated by province, 2019

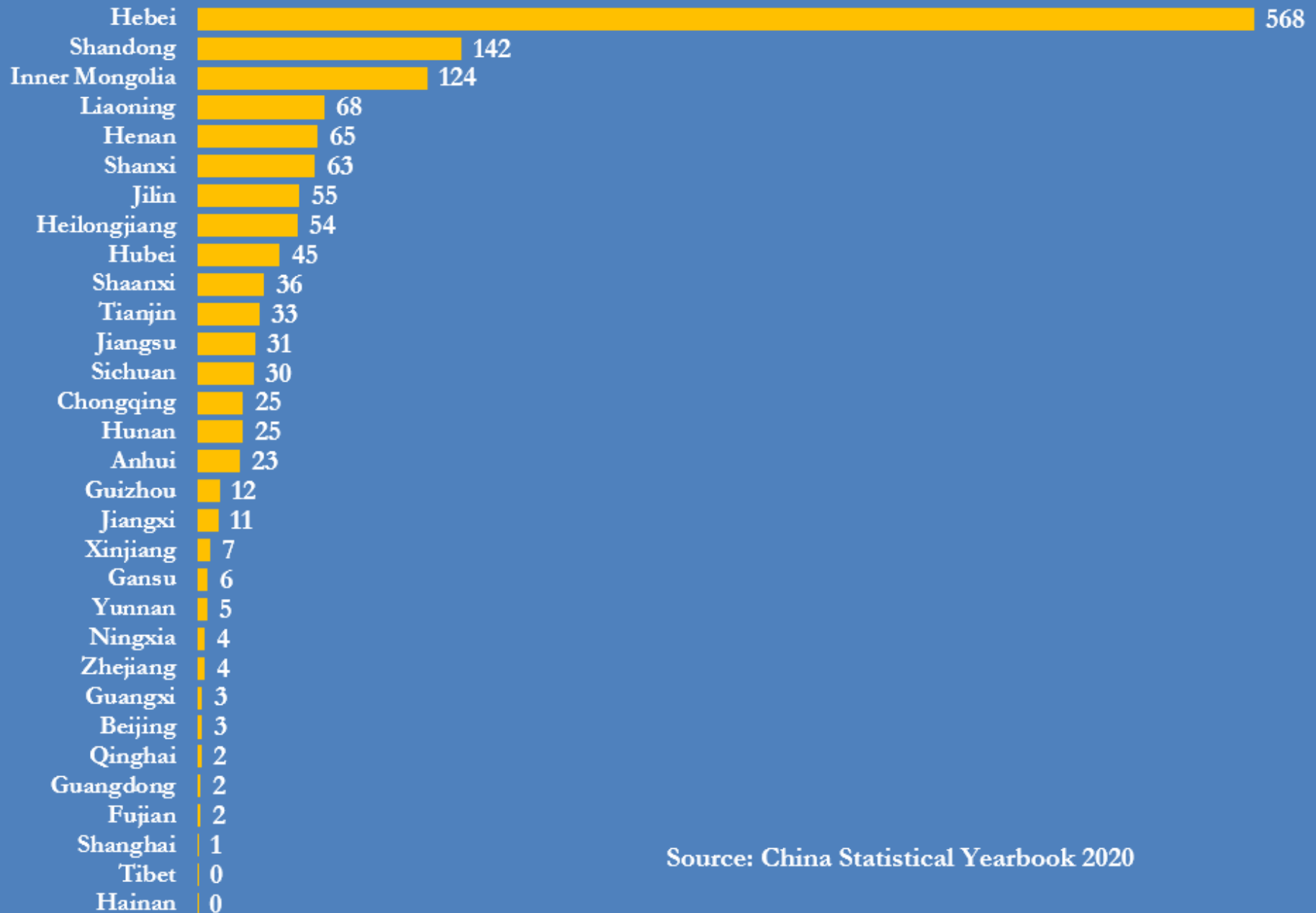
million tonnes, inter-provincial freight movements



Top three coal-producing provinces (Shanxi, Inner Mongolia and Shaanxi) accounted for 42% of all inter-provincial rail freight originations

Source: China Statistical Yearbook 2020

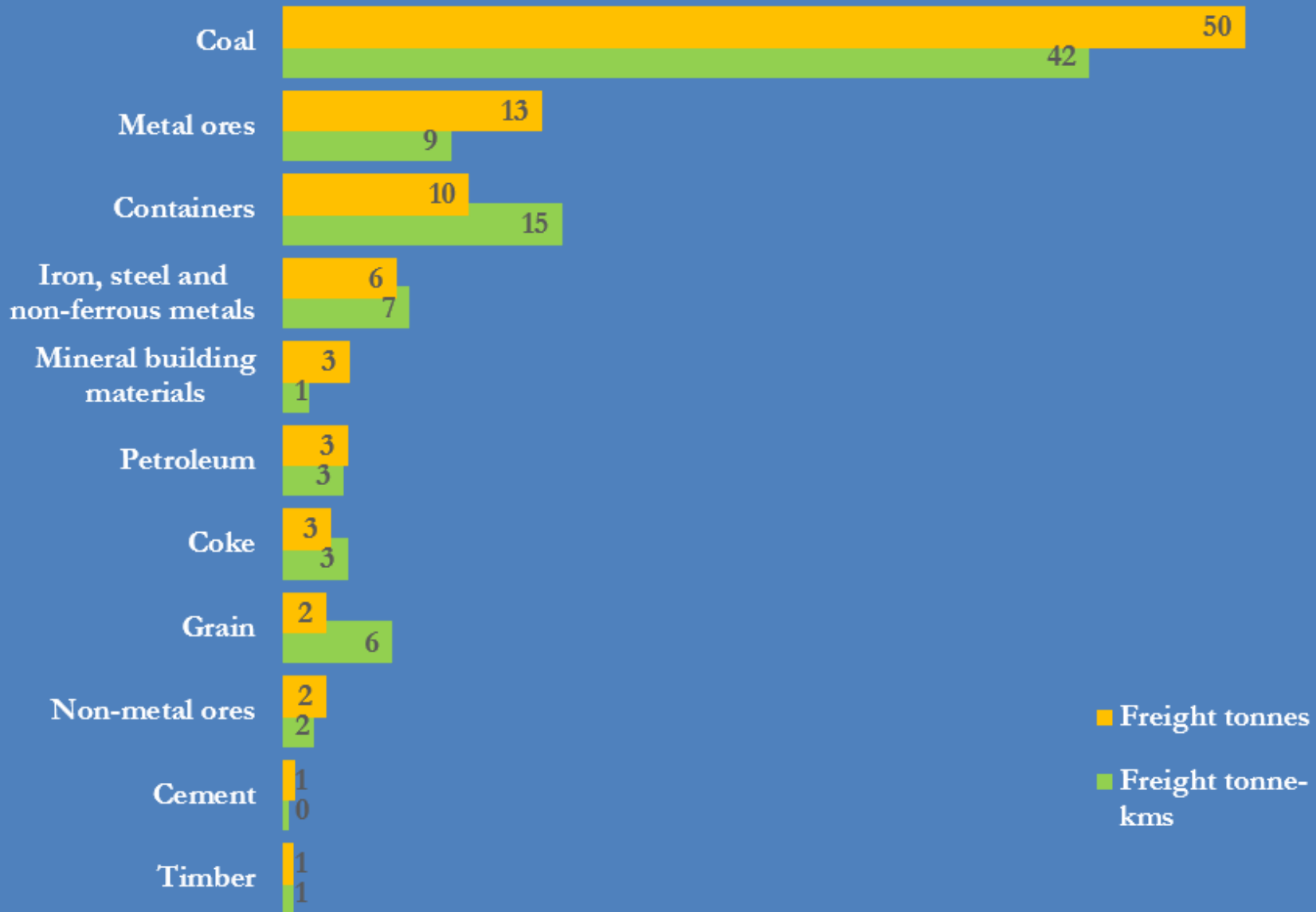
## China rail freight received from three major coal-producing provinces, 2019 million tonnes, inter-provincial freight movements



Source: China Statistical Yearbook 2020

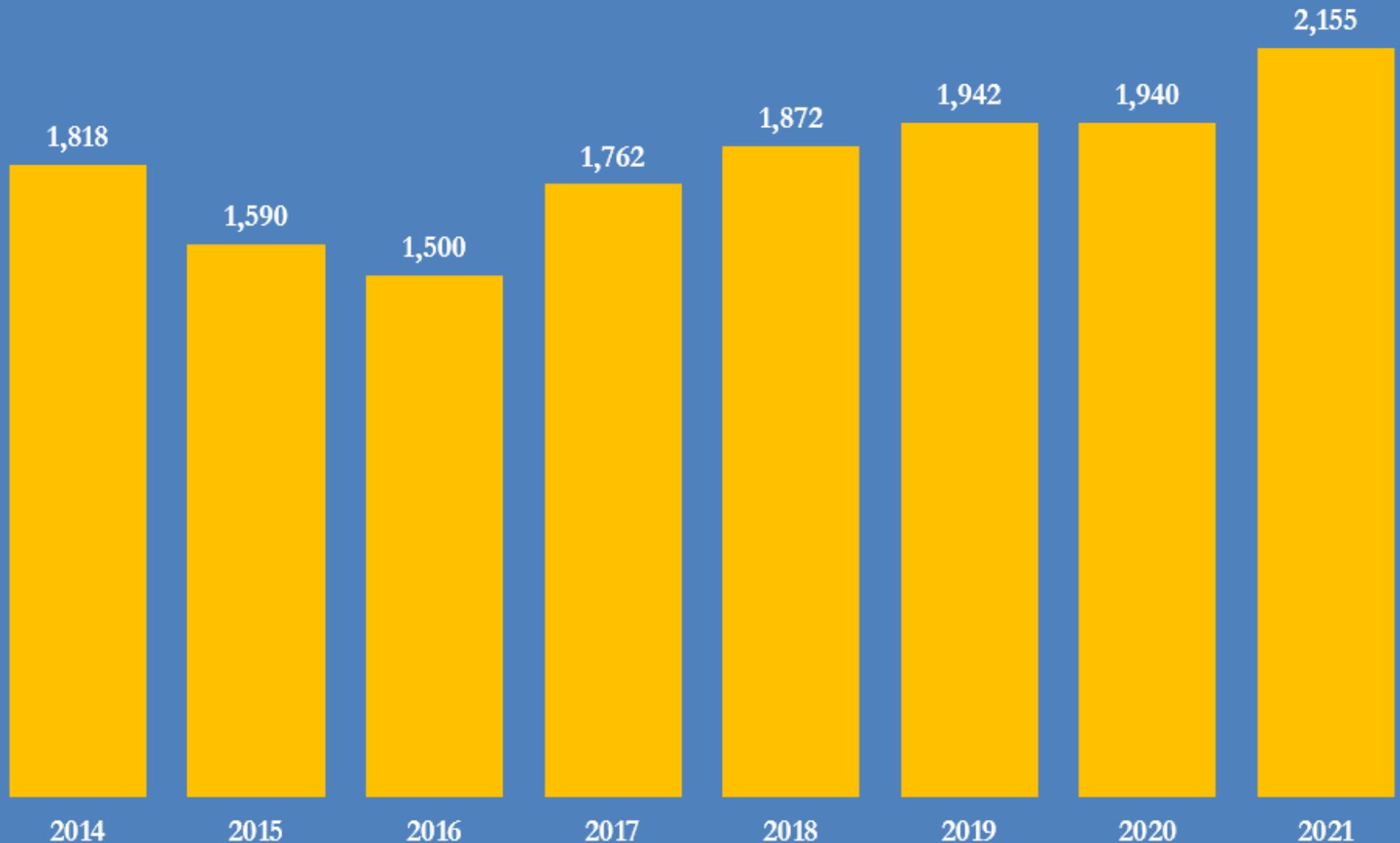
# China national rail freight volumes, 2019

percent of total for each major freight category



# China rail transportation volumes, 2014-2021

freight tonne-kilometres, billions, annual, cumulative from Jan to Aug

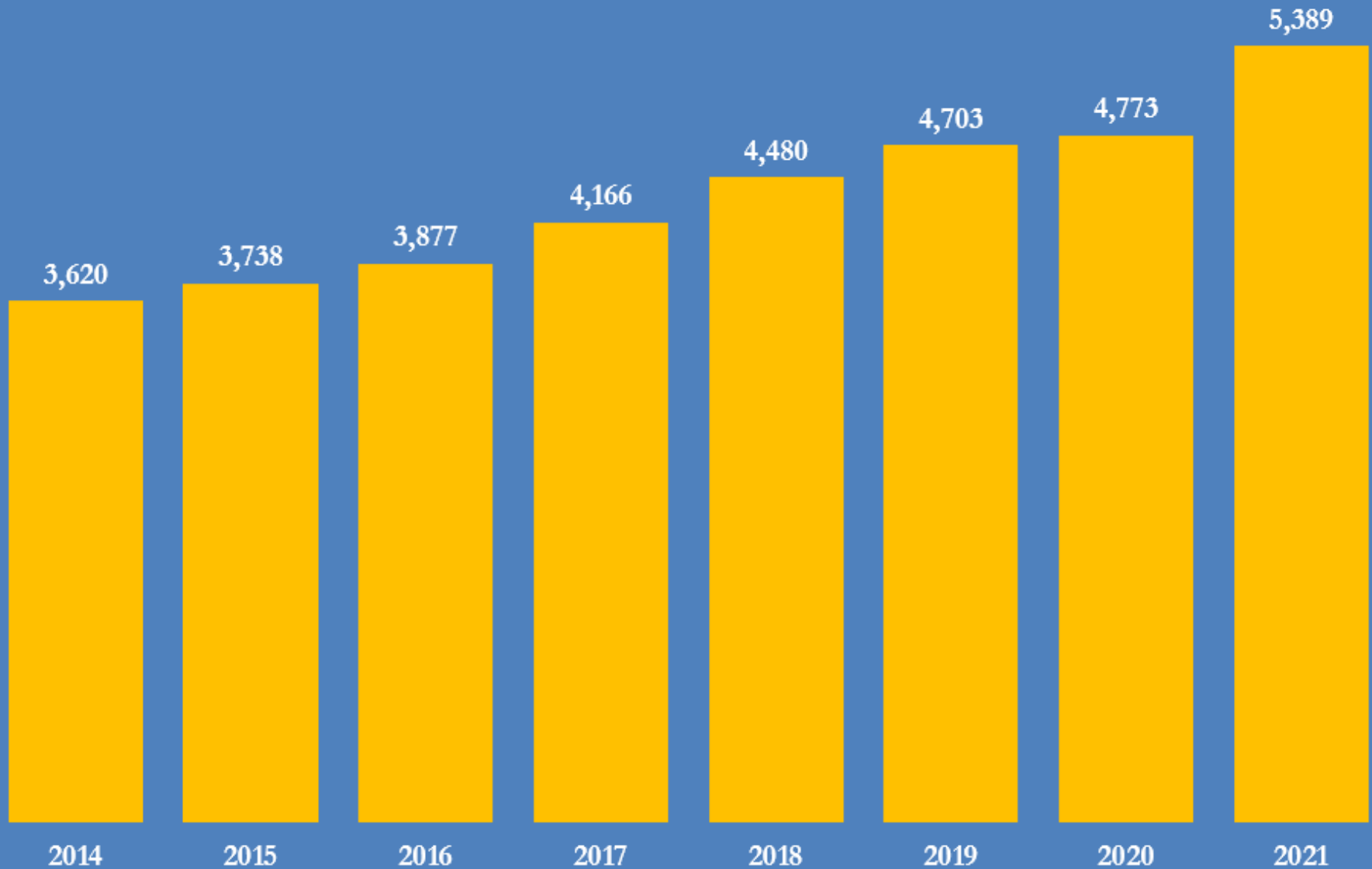


Source: China National Bureau of Statistics

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# China total electrical generation, 2014-2021

Terawatt-hours, cumulative output from Jan to Aug each year



Source: China National Bureau of Statistics

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# China thermal power generation, 2014-2021

Terawatt-hours, cumulative output from Jan to Aug each year

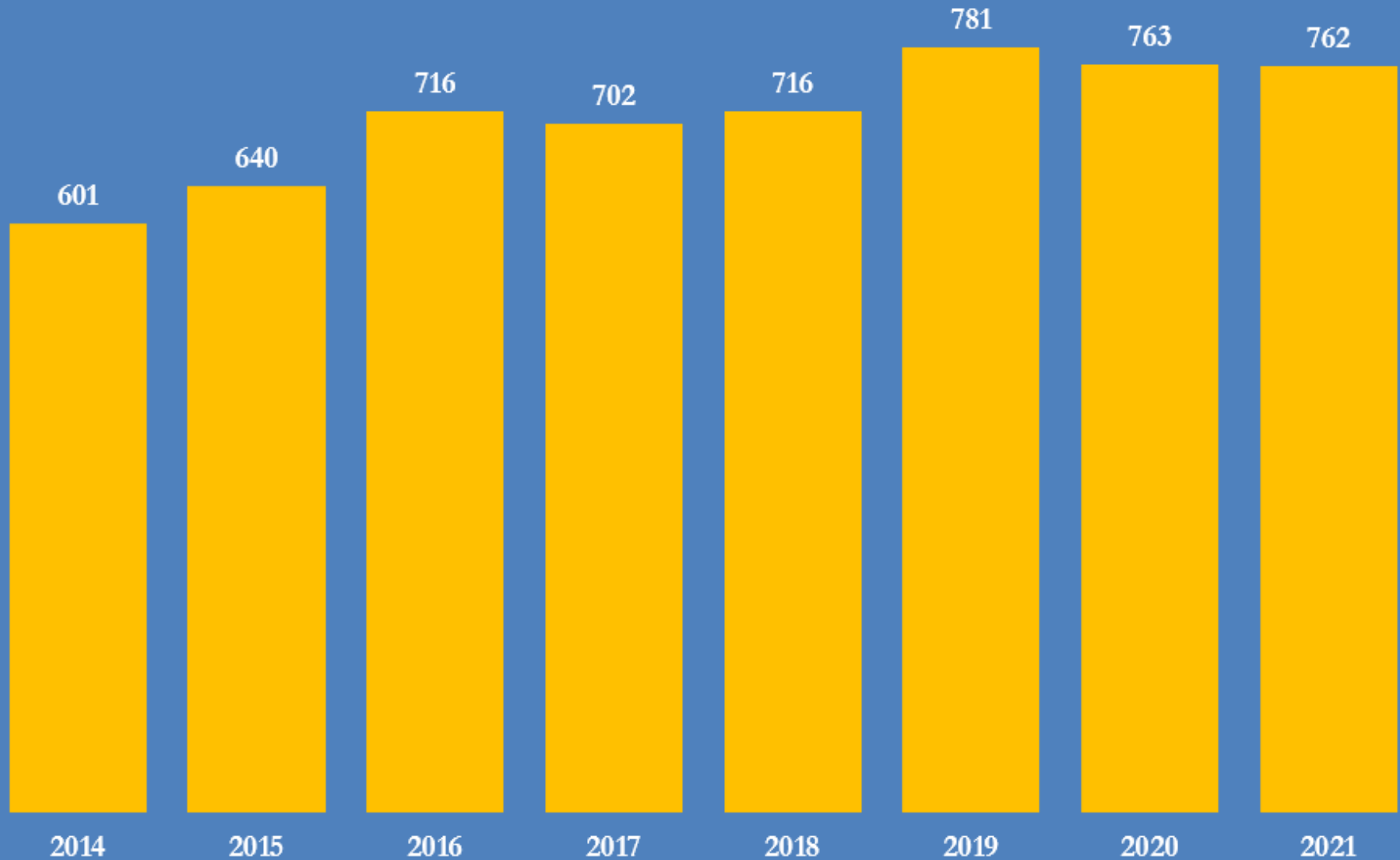


Source: China National Bureau of Statistics

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# China hydroelectric generation, 2014-2021

Terawatt-hours, cumulative output from Jan to Aug each year

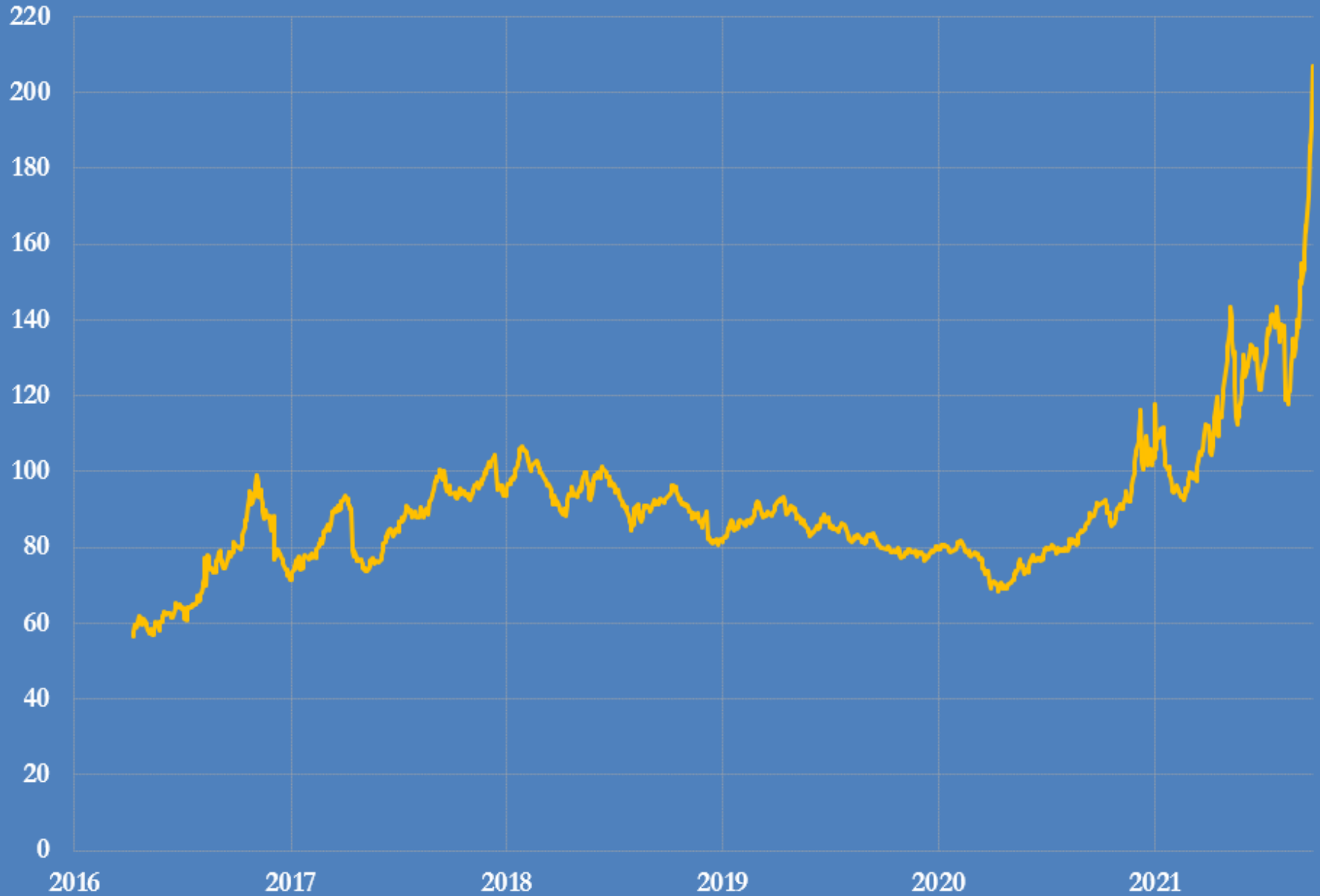


Source: China National Bureau of Statistics

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# China coal futures price, 2016-2021

daily, U.S.\$ per tonne, most-traded contract



Source: Zhengzhou Commodity Exchange

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