

China electricity generation

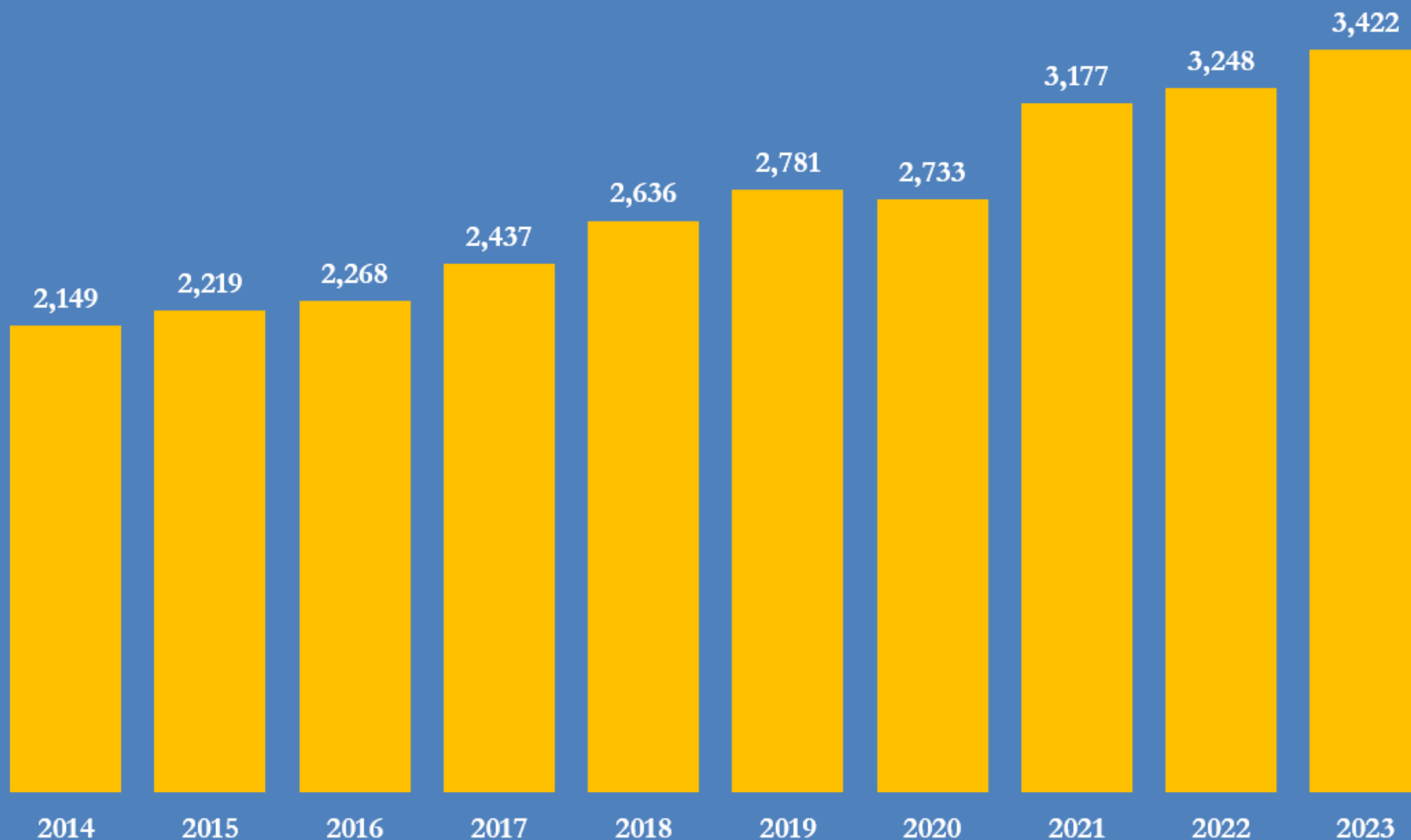
Selected indicators

JOHN KEMP
REUTERS

16 June 2023

China total electrical generation, 2014-2023

billion kWh, cumulative output from January to May each year



Source: China National Bureau of Statistics

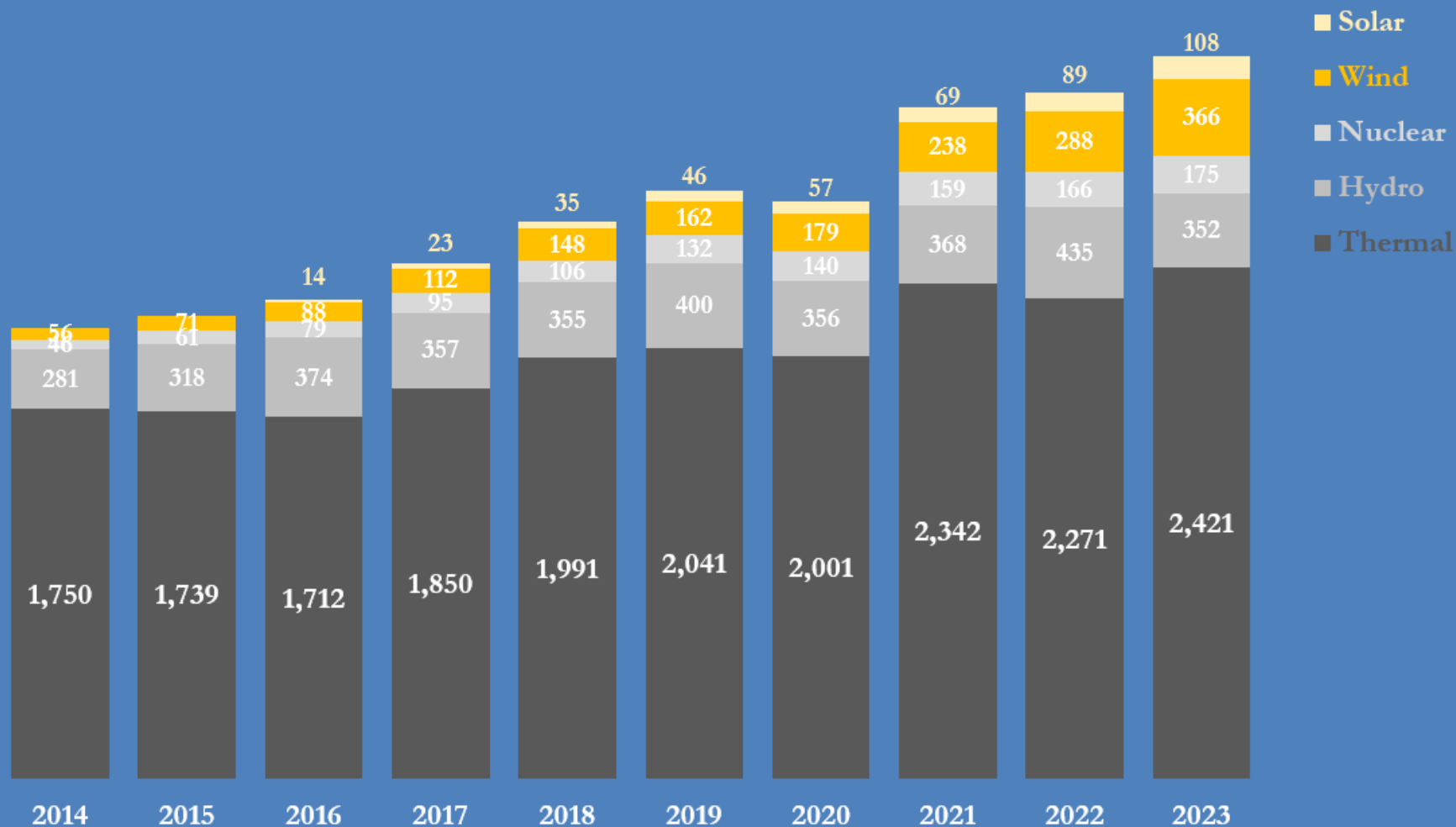
China's electricity generation, 2014-2023

	Jan 2023- May 2023	Jan 2022- May 2022	Jan 2021- May 2021	Jan 2020- May 2020	Jan 2019- May 2019	Jan 2018- May 2018	Jan 2017- May 2017	Jan 2016- May 2016	Jan 2015- May 2015	Jan 2014- May 2014
Total generation (billion kWh)	3,422	3,248	3,177	2,733	2,781	2,636	2,437	2,268	2,219	2,149
Thermal	2,421	2,271	2,342	2,001	2,041	1,991	1,850	1,712	1,739	1,750
Hydro	352	435	368	356	400	355	357	374	318	281
Wind	366	288	238	179	162	148	112	88	71	56
Solar	108	89	69	57	46	35	23			
Nuclear	175	166	159	140	132	106	95	79	61	46
Percent growth from prior year	5.3	2.2	16.3	-1.7	5.5	8.2	7.5	2.2	3.2	
Thermal	7	-3	17	-2	2	8	8	-2	-1	
Hydro	-19	18	4	-11	13	0	-5	18	13	
Wind	27	21	33	11	9	33	26	24	26	
Solar	21	28	21	24	33	52				
Nuclear	5	4	14	6	24	11	22	28	34	
Percent of total	100	100	100	100	100	100	100	100	100	100
Thermal	71	70	74	73	73	76	76	76	78	81
Hydro	10	13	12	13	14	13	15	17	14	13
Wind	11	9	7	7	6	6	5	4	3	3
Solar	3	3	2	2	2	1	1	0	0	0
Nuclear	5	5	5	5	5	4	4	3	3	2

Source: China National Bureau of Statistics
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China power generation, 2014-2023

billion kWh, cumulative output from January to May each year

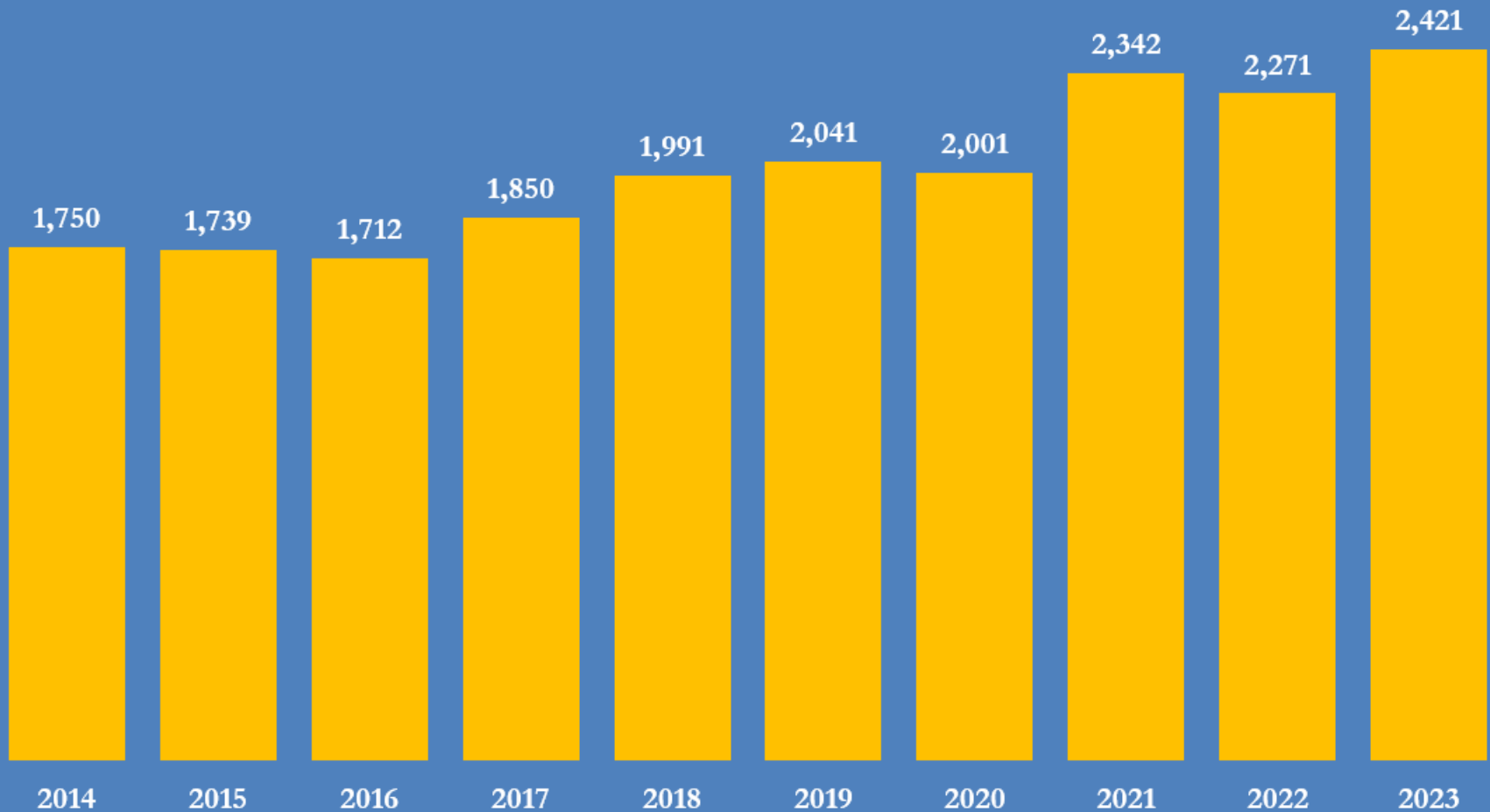


Source: China National Bureau of Statistics

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China thermal power generation, 2014-2023

billion kWh, cumulative output from January to May each year

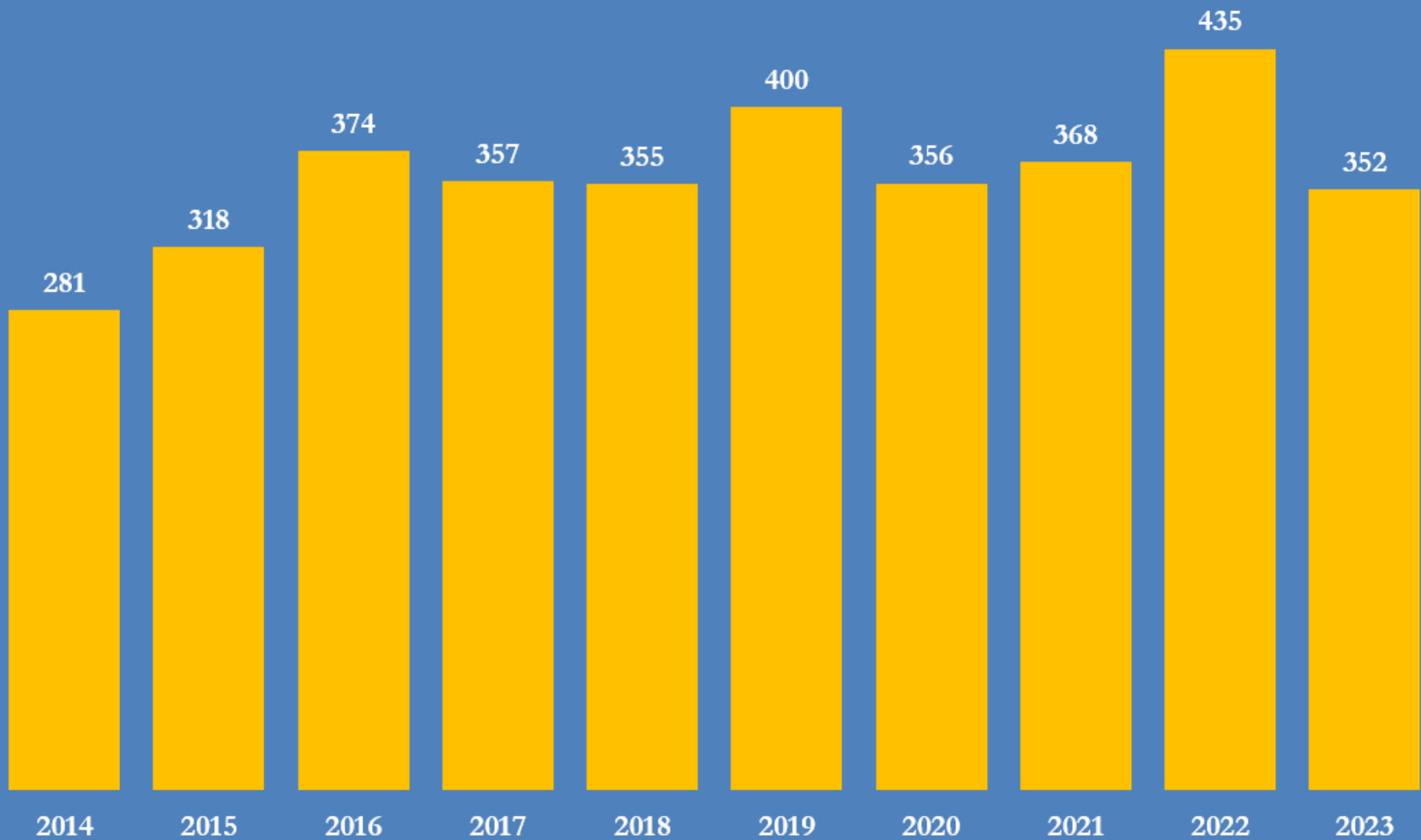


Source: China National Bureau of Statistics

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China hydroelectric generation, 2014-2023

billion kWh, cumulative output from January to May each year

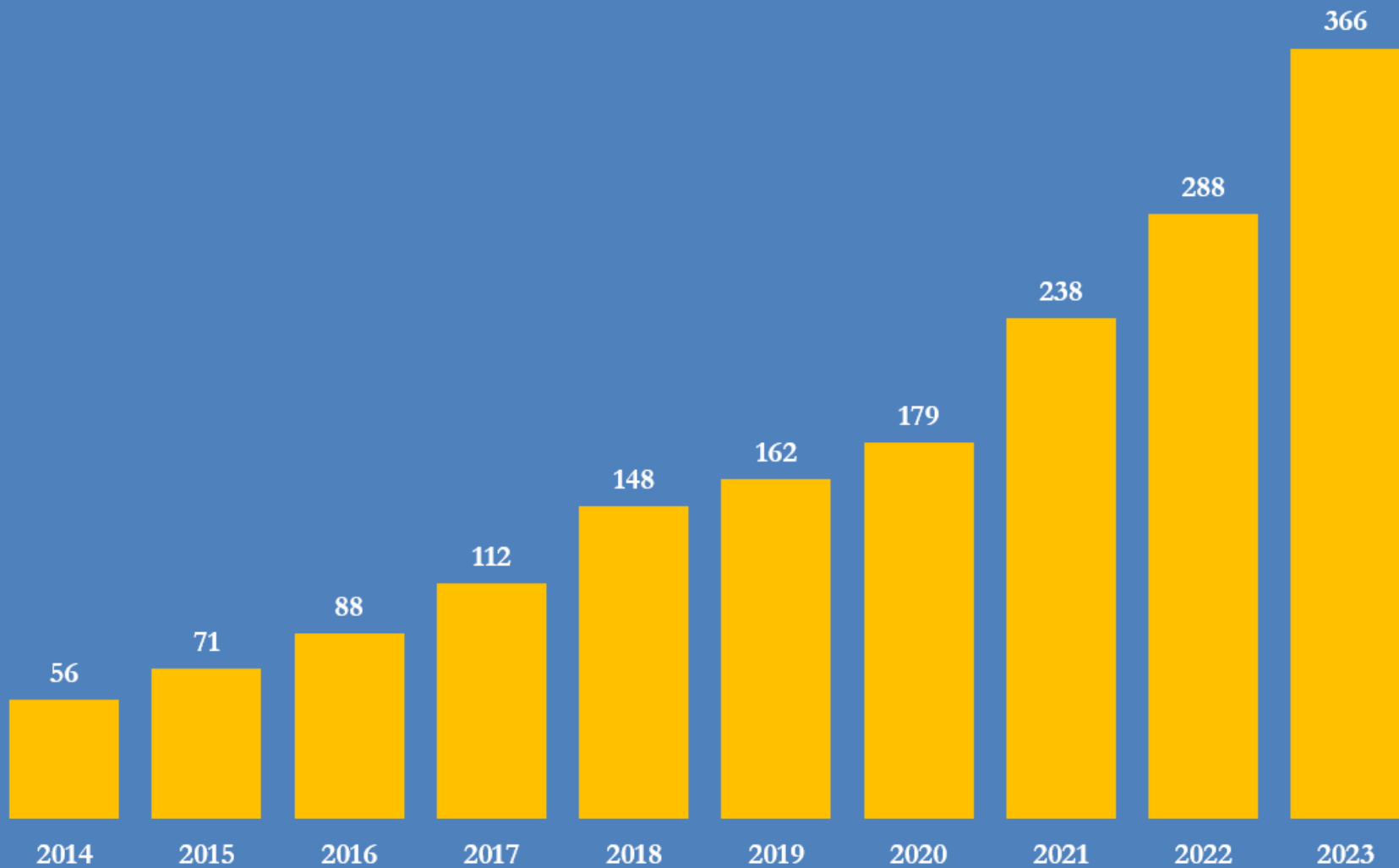


Source: China National Bureau of Statistics

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China wind generation, 2014-2023

billion kWh, cumulative output from January to May each year

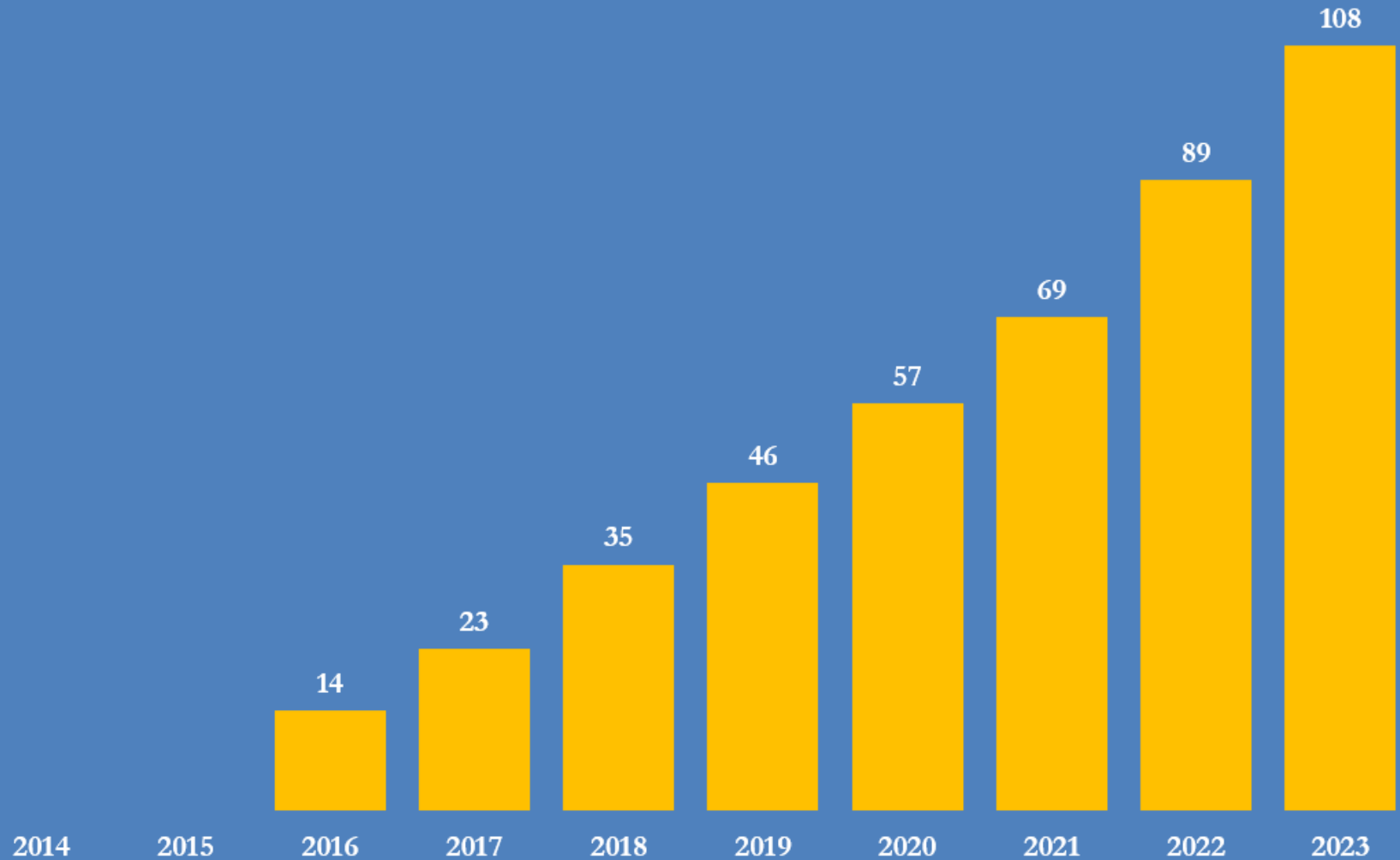


Source: China National Bureau of Statistics

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China solar generation, 2014-2023

billion kWh, cumulative output from January to May each year

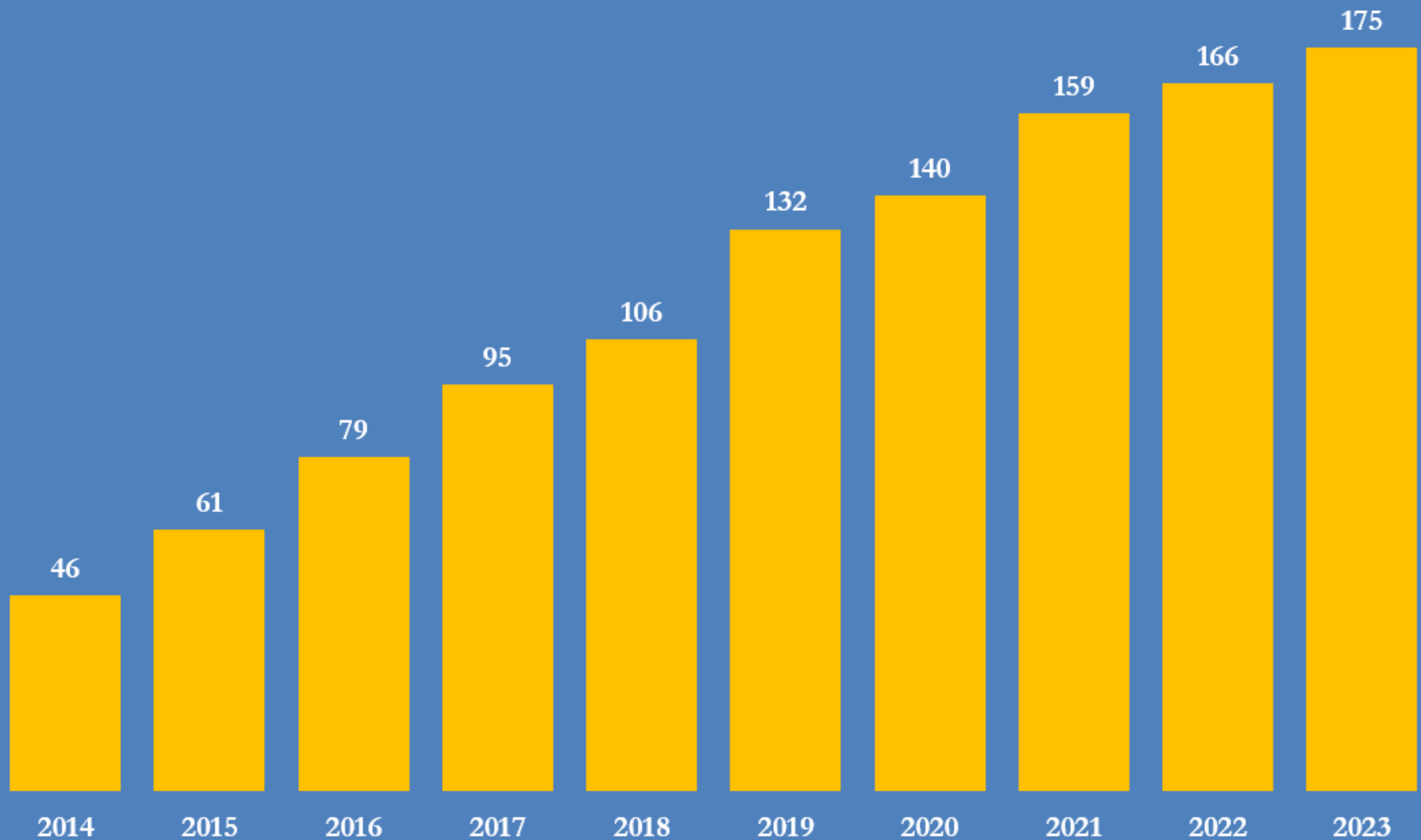


Source: China National Bureau of Statistics

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China nuclear generation, 2014-2023

billion kWh, cumulative output from January to May each year

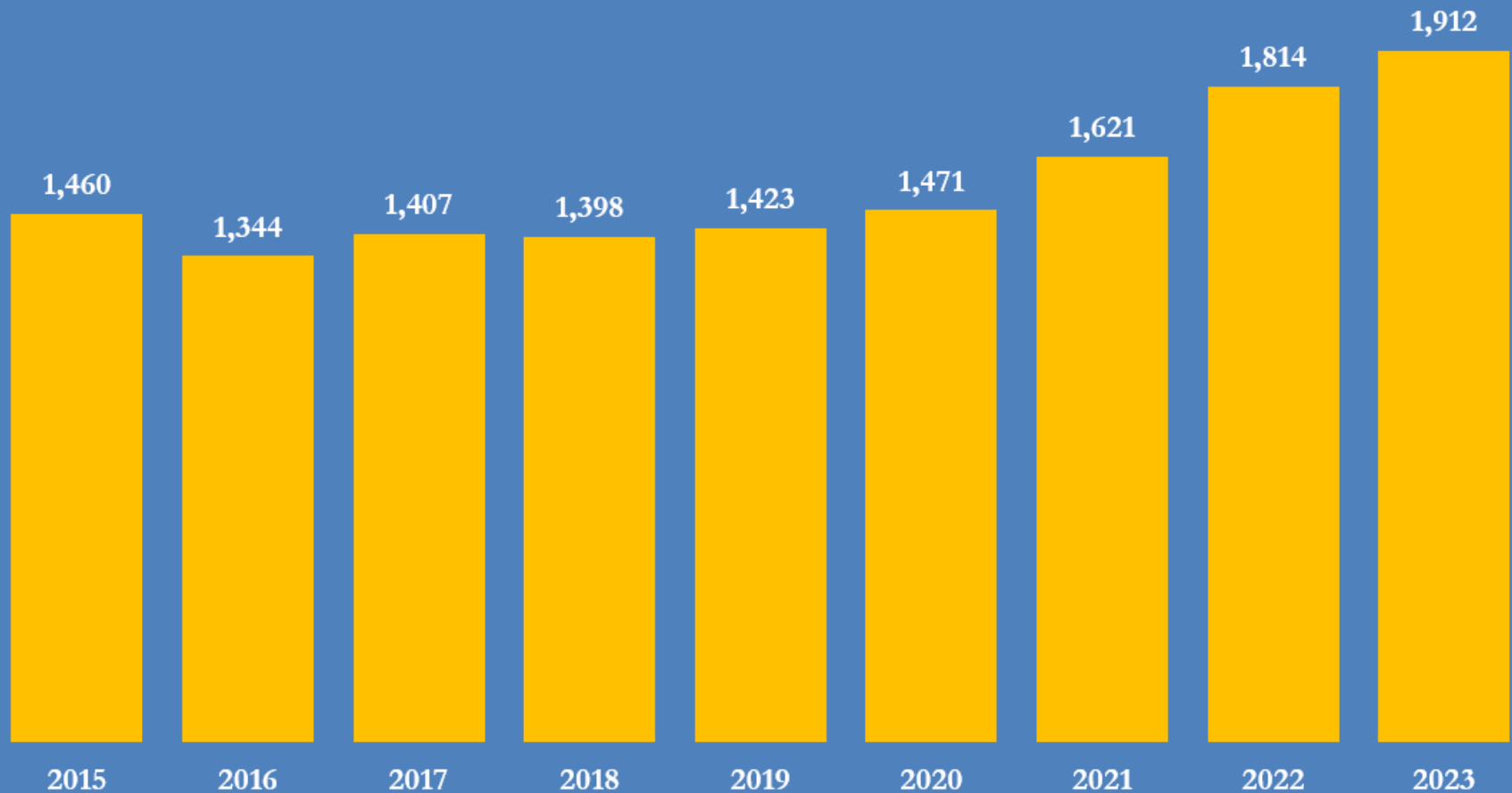


Source: China National Bureau of Statistics

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China coal production, 2015-2023

million tonnes, cumulative production from January to May each year

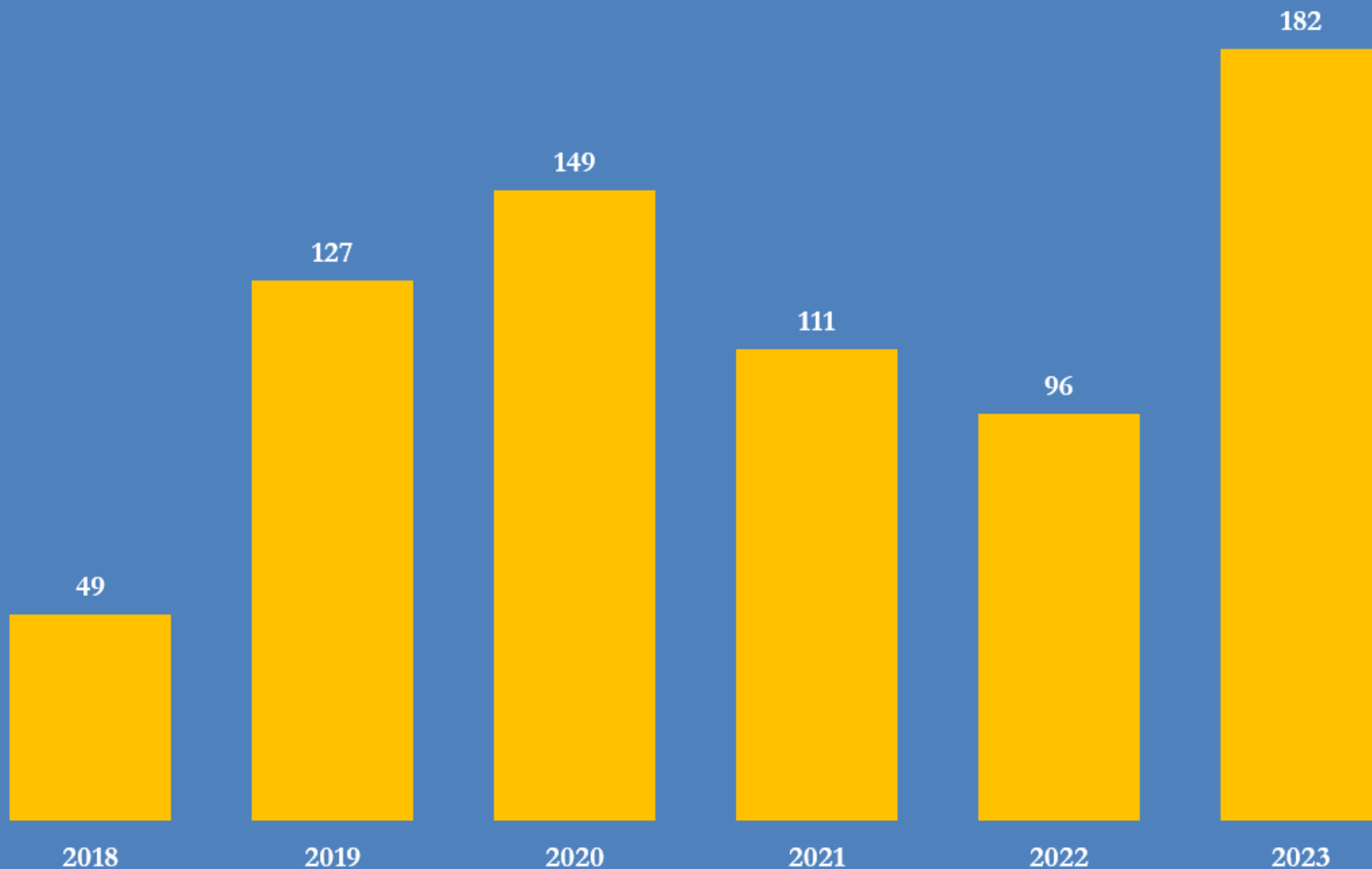


Source: China National Bureau of Statistics

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China coal and lignite imports, 2018-2023

million tonnes, cumulative each year from January to May

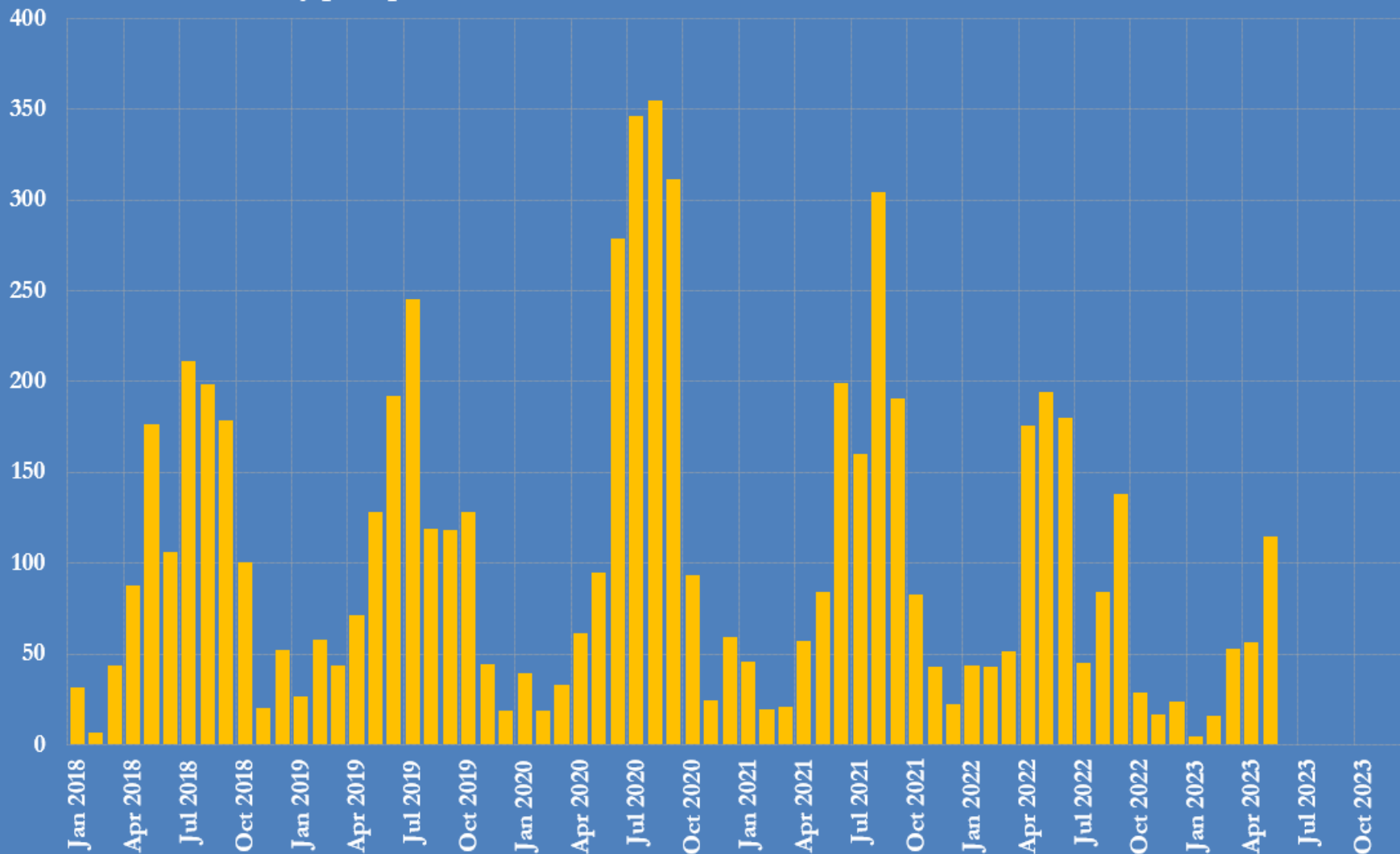


Source: General Administration of Customs

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South China's annual precipitation cycle, 2018-2023

monthly precipitation, millimetres, Yibin weather station, Sichuan-Yunnan border

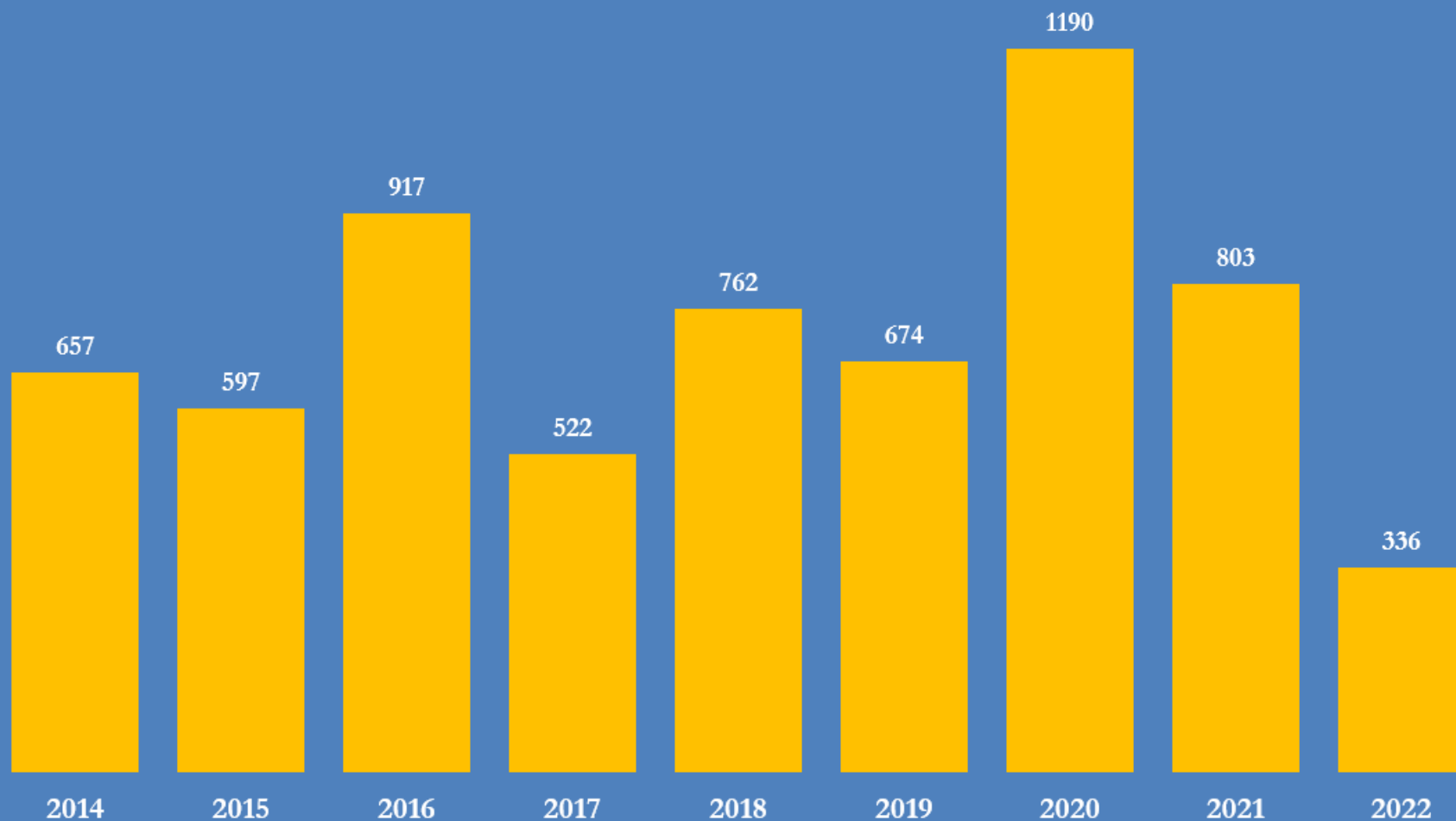


Source: Meteo Group

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Precipitation at Yibin (China), 2014-2022

millimetres, cumulative each year from July 1 to December 31

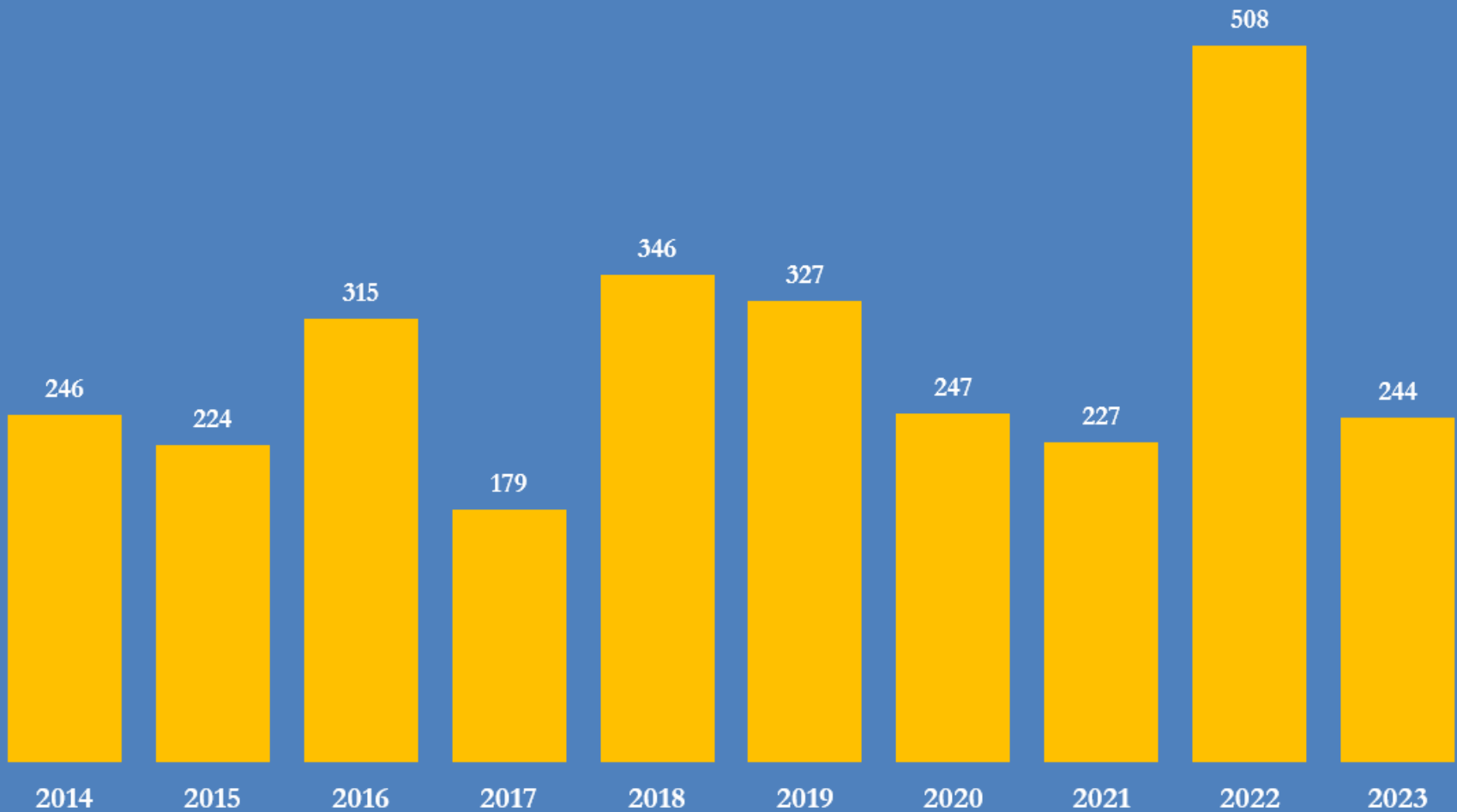


Source: Meteo Group

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Precipitation at Yibin (China), 2014-2023

millimetres, cumulative each year from January 1 to May 31



Source: Meteo Group

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