

China electricity generation

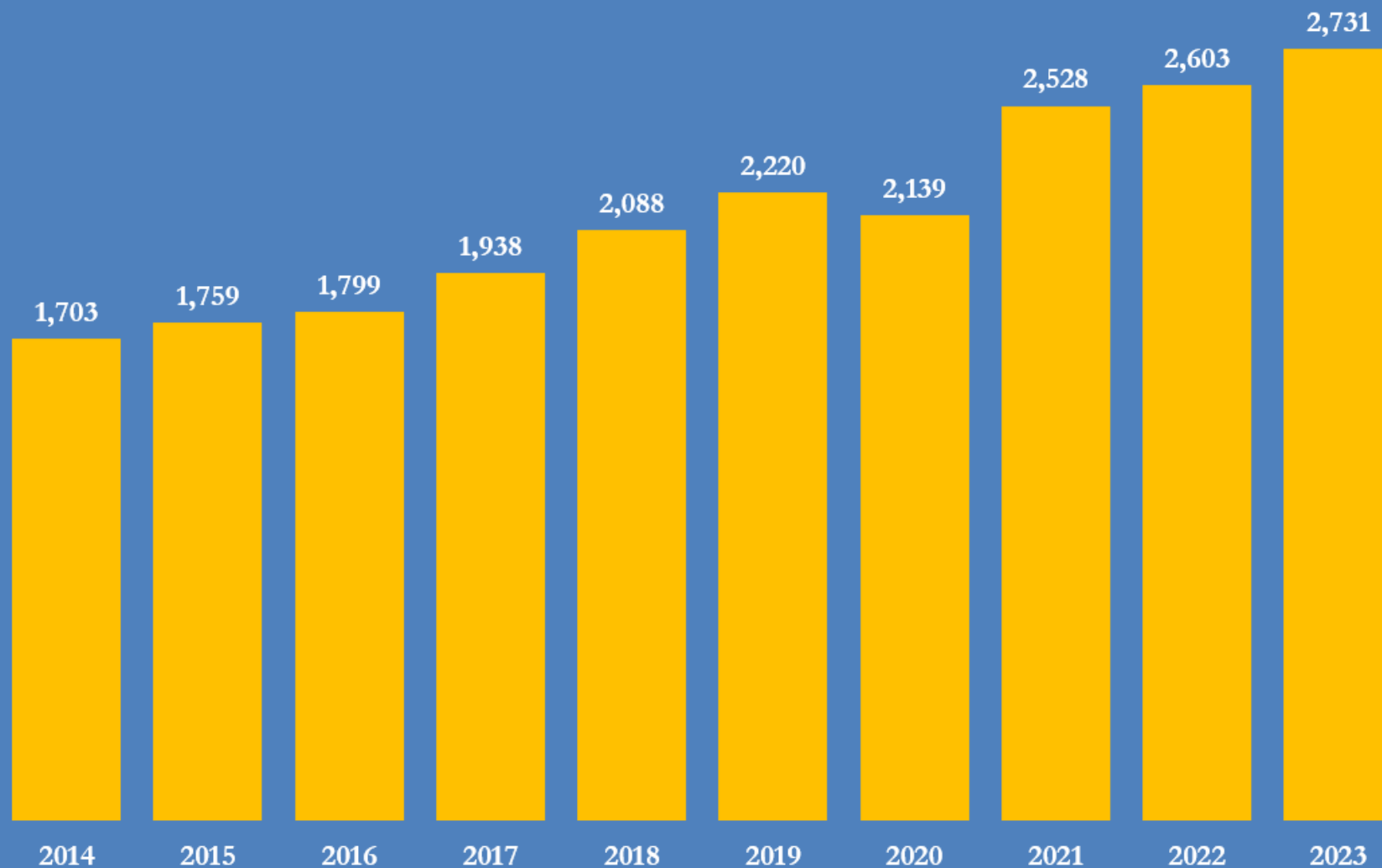
Selected indicators

JOHN KEMP
REUTERS

18 May 2023

China total electrical generation, 2014-2023

billion kWh, cumulative output from January to April each year



Source: China National Bureau of Statistics

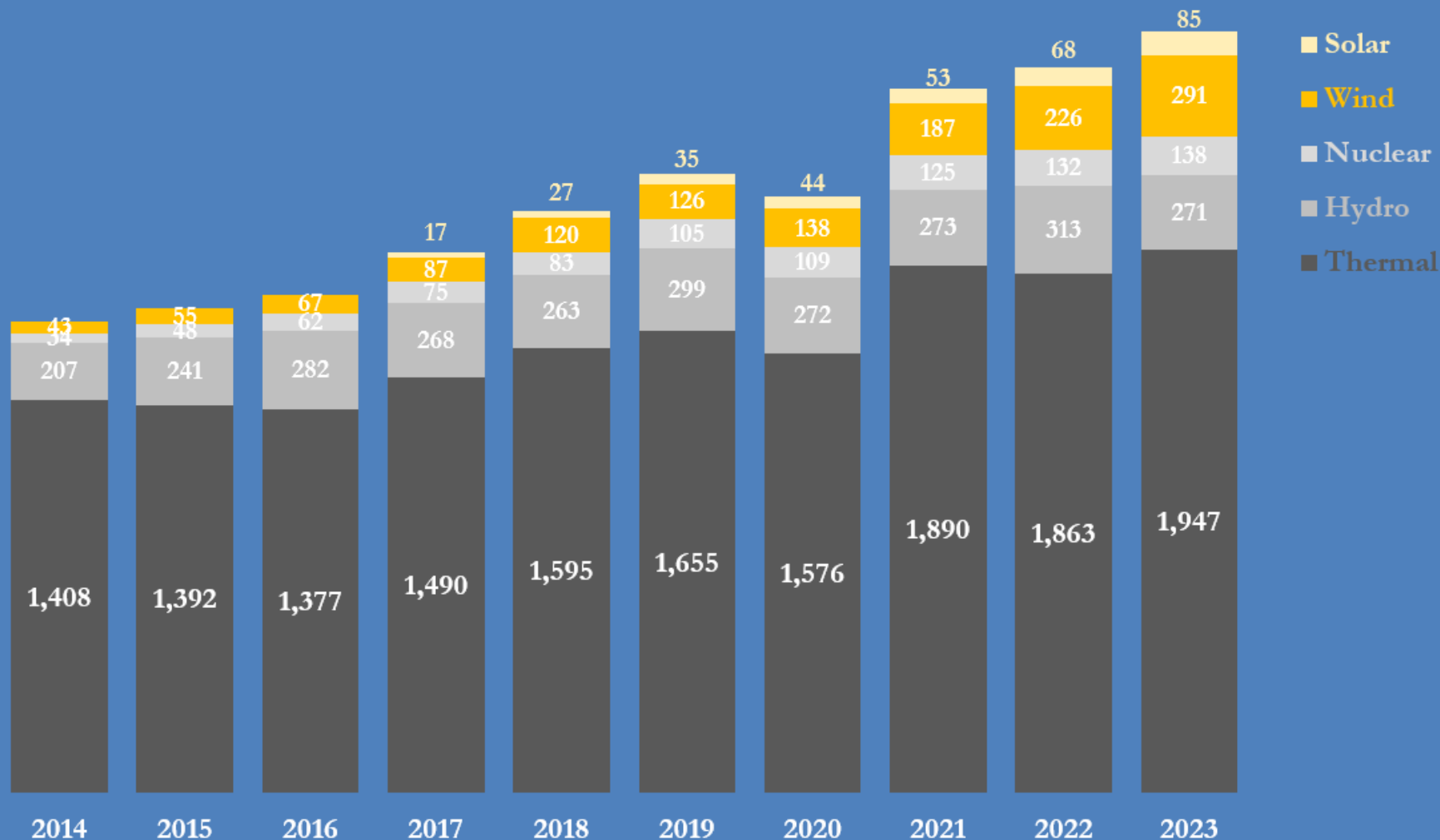
China's electricity generation, 2014-2023

	Jan 2023- Apr 2023	Jan 2022- Apr 2022	Jan 2021- Apr 2021	Jan 2020- Apr 2020	Jan 2019- Apr 2019	Jan 2018- Apr 2018	Jan 2017- Apr 2017	Jan 2016- Apr 2016	Jan 2015- Apr 2015	Jan 2014- Apr 2014
Total generation (billion kWh)	2,731	2,603	2,528	2,139	2,220	2,088	1,938	1,799	1,759	1,703
Thermal	1,947	1,863	1,890	1,576	1,655	1,595	1,490	1,377	1,392	1,408
Hydro	271	313	273	272	299	263	268	282	241	207
Wind	291	226	187	138	126	120	87	67	55	43
Solar	85	68	53	44	35	27	17			
Nuclear	138	132	125	109	105	83	75	62	48	34
Percent growth from prior year	4.9	3.0	18.2	-3.6	6.3	7.7	7.8	2.2	3.3	
Thermal	4	-1	20	-5	4	7	8	-1	-1	
Hydro	-13	15	0	-9	13	-2	-5	17	17	
Wind	28	21	35	10	5	37	30	21	30	
Solar	24	30	20	26	30	55				
Nuclear	5	5	15	4	27	10	21	30	41	
Percent of total	100	100	100	100	100	100	100	100	100	100
Thermal	71	72	75	74	75	76	77	77	79	83
Hydro	10	12	11	13	13	13	14	16	14	12
Wind	11	9	7	6	6	6	4	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 April each year

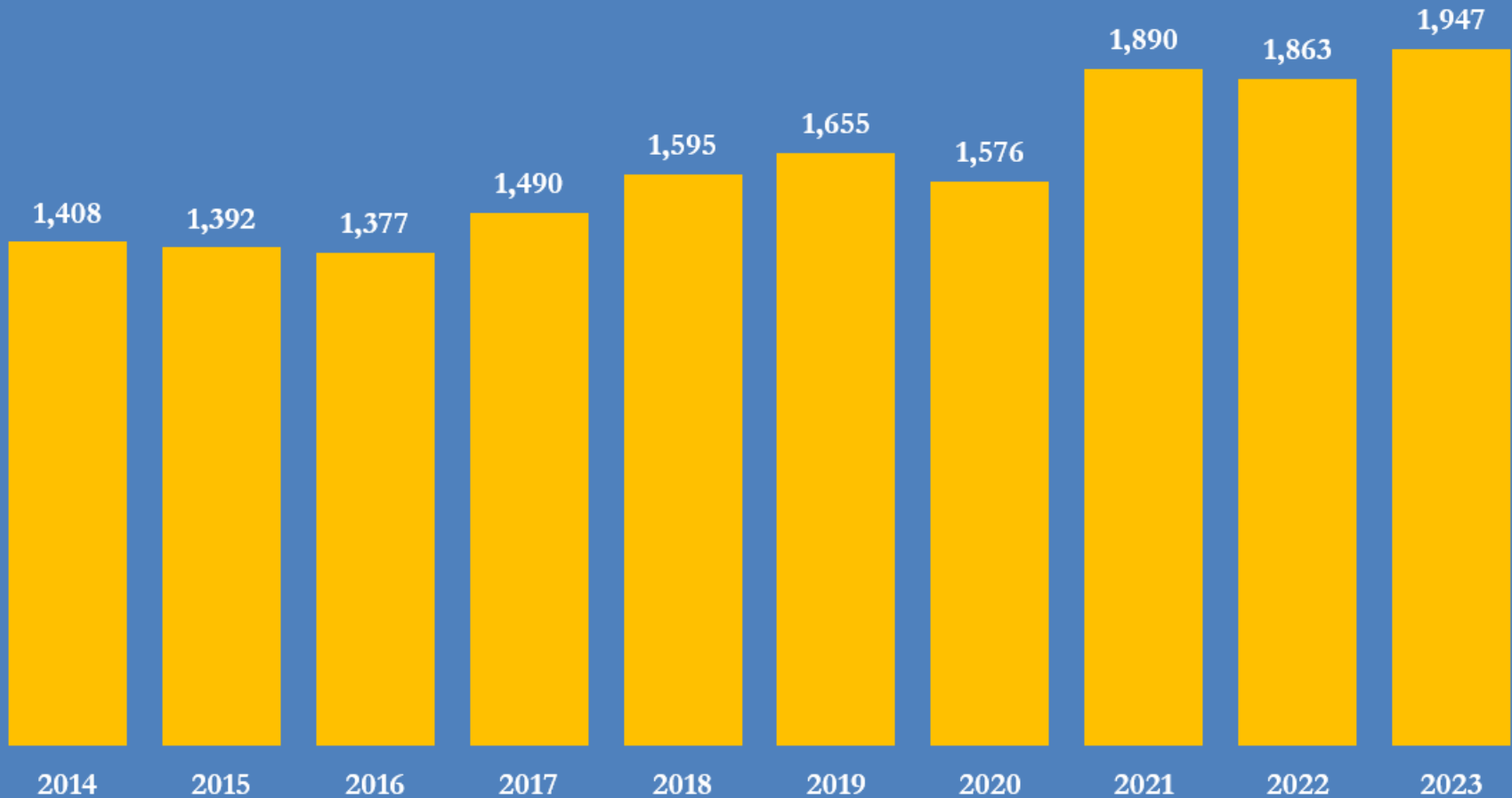


Source: China National Bureau of Statistics

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China thermal power generation, 2014-2023

billion kWh, cumulative output from January to April each year

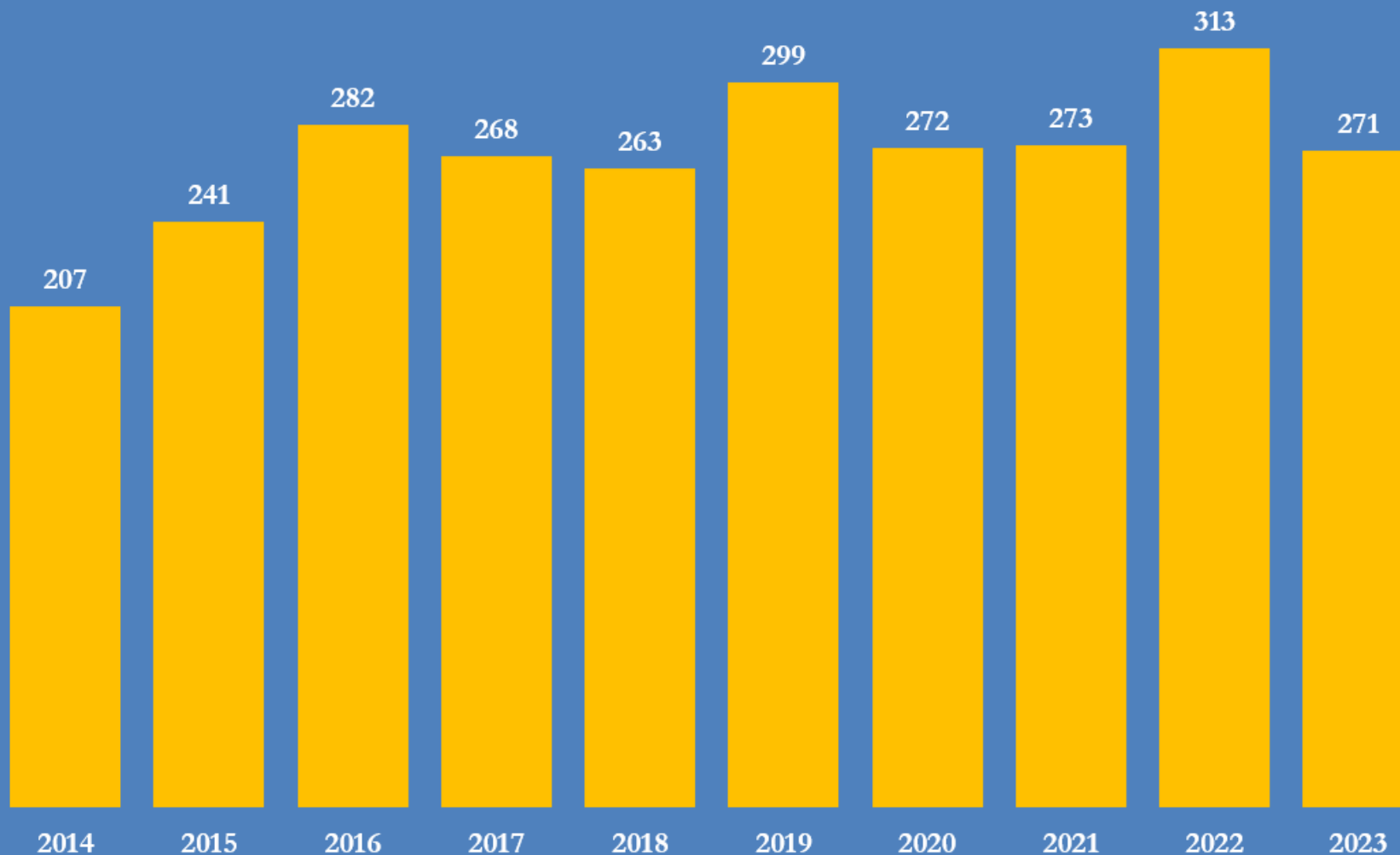


Source: China National Bureau of Statistics

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China hydroelectric generation, 2014-2023

billion kWh, cumulative output from January to April each year

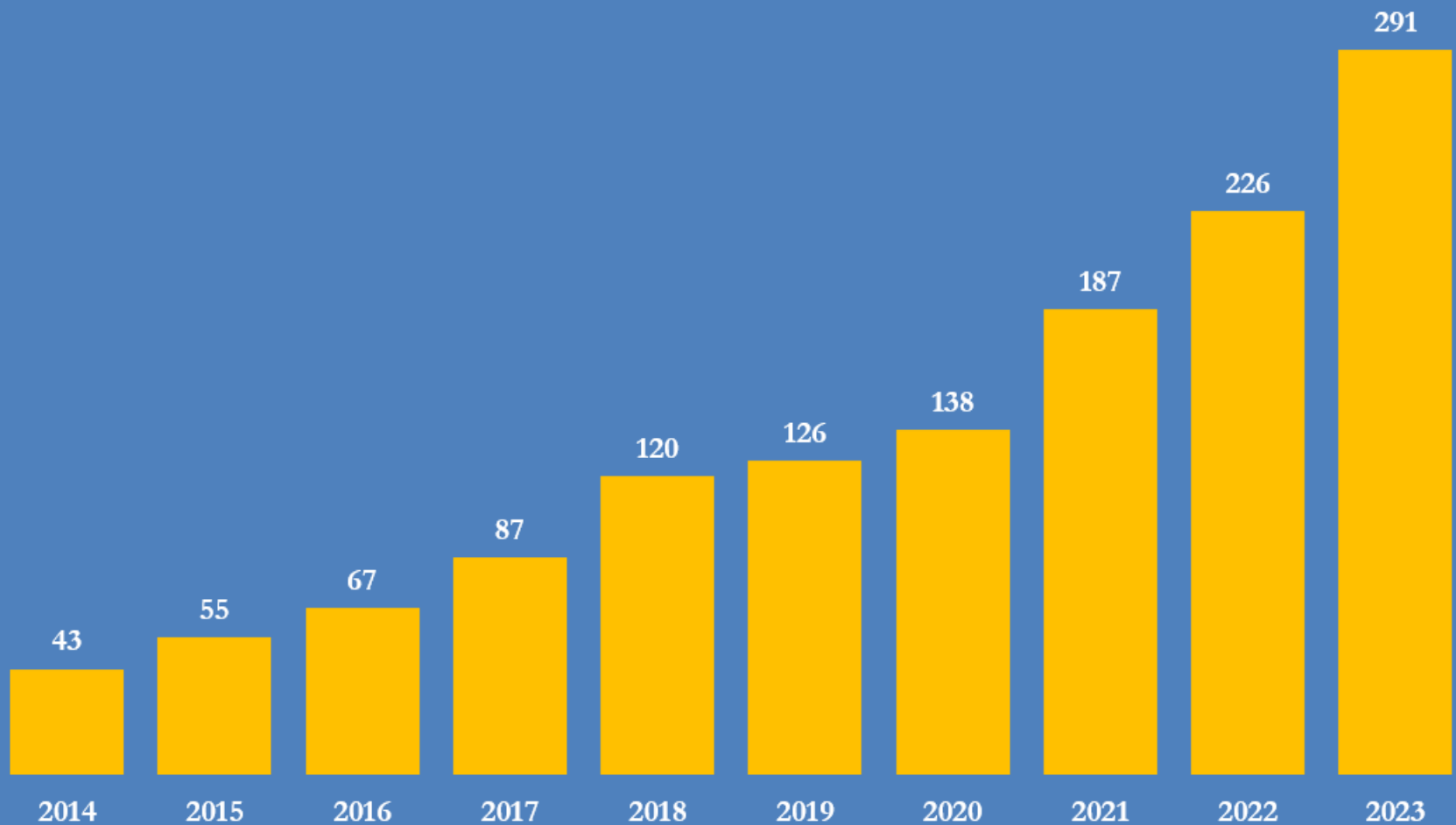


Source: China National Bureau of Statistics

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China wind generation, 2014-2023

billion kWh, cumulative output from January to April each year

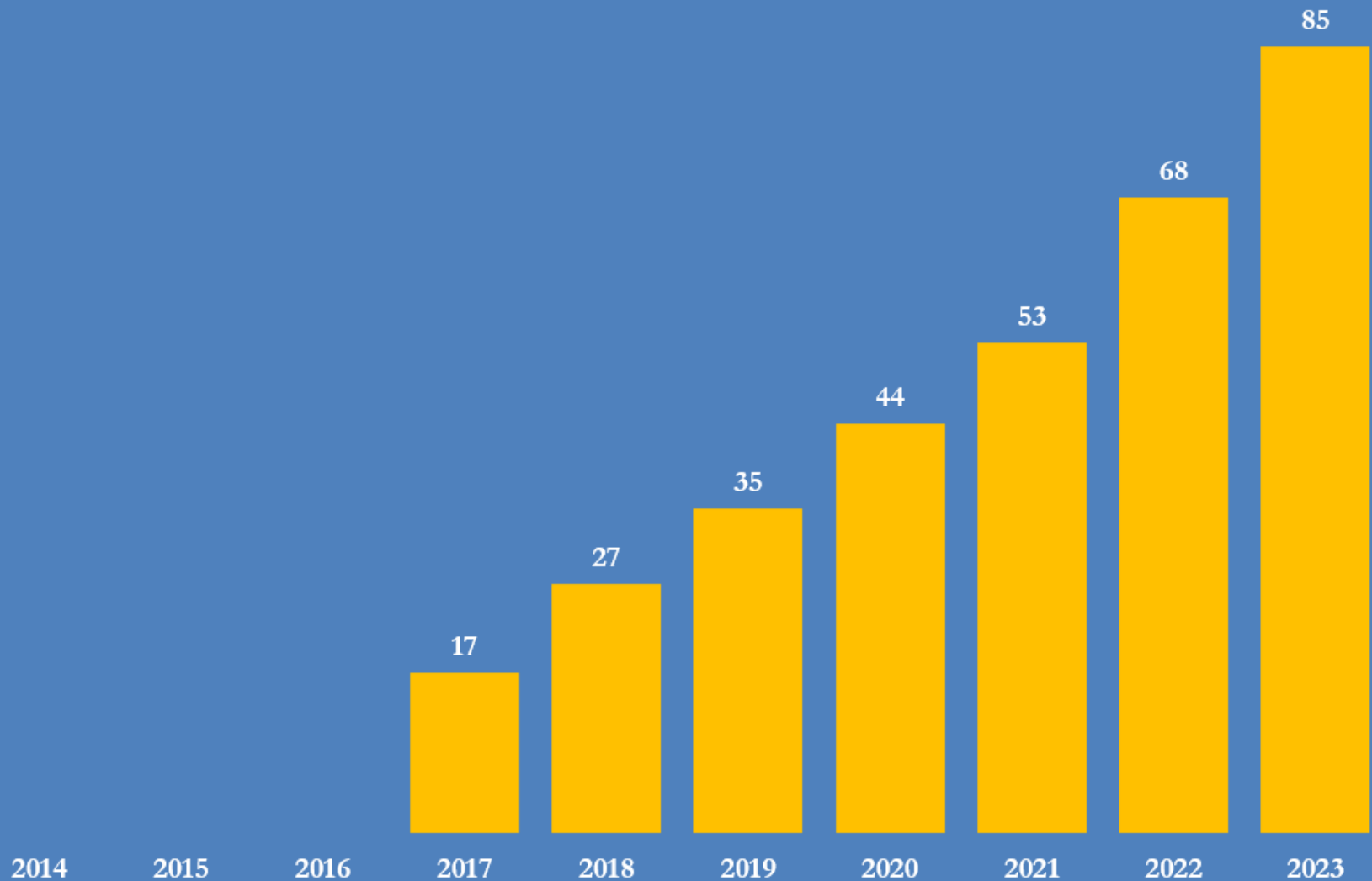


Source: China National Bureau of Statistics

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China solar generation, 2014-2023

billion kWh, cumulative output from January to April each year

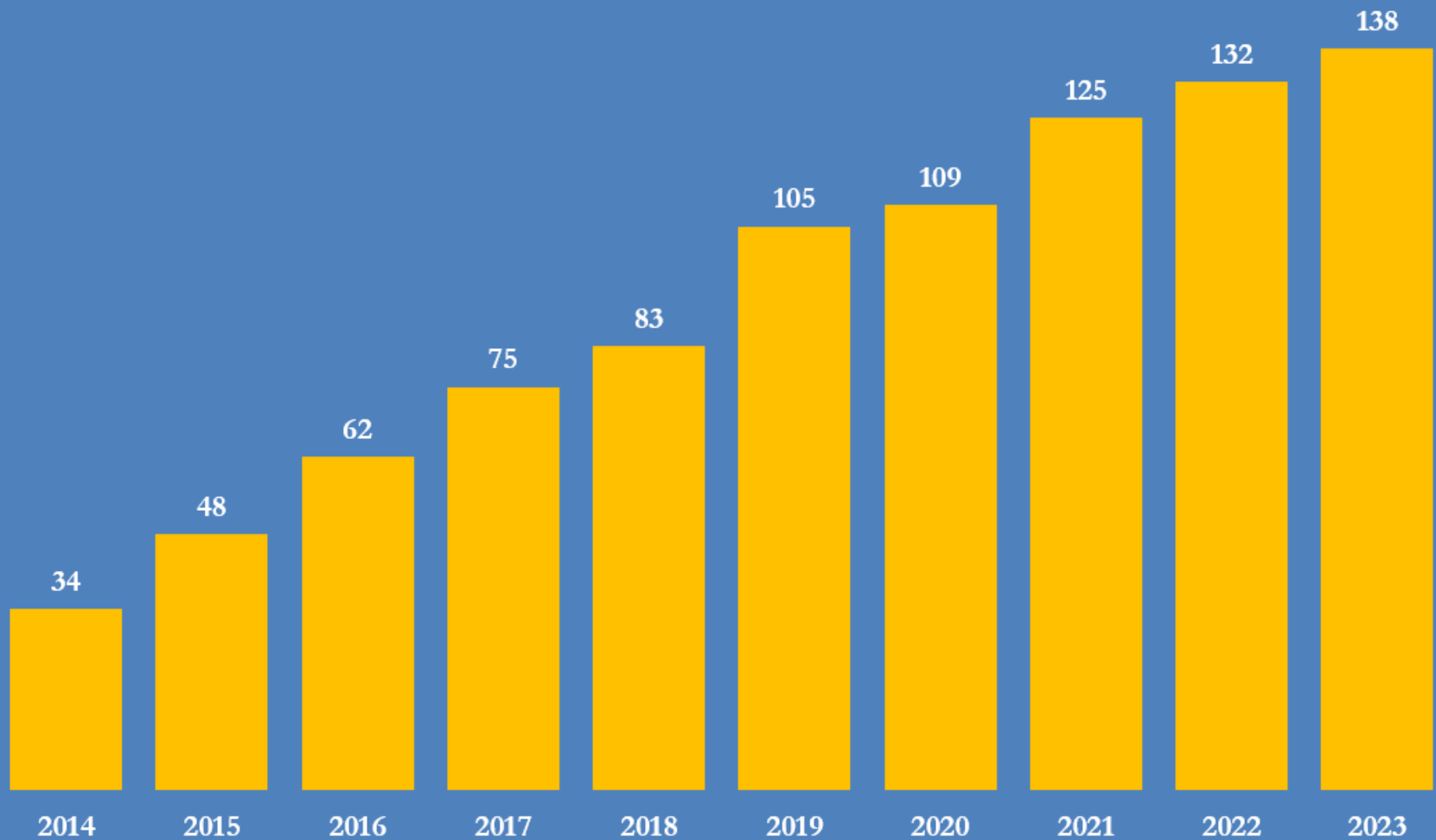


Source: China National Bureau of Statistics

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China nuclear generation, 2014-2023

billion kWh, cumulative output from January to April each year

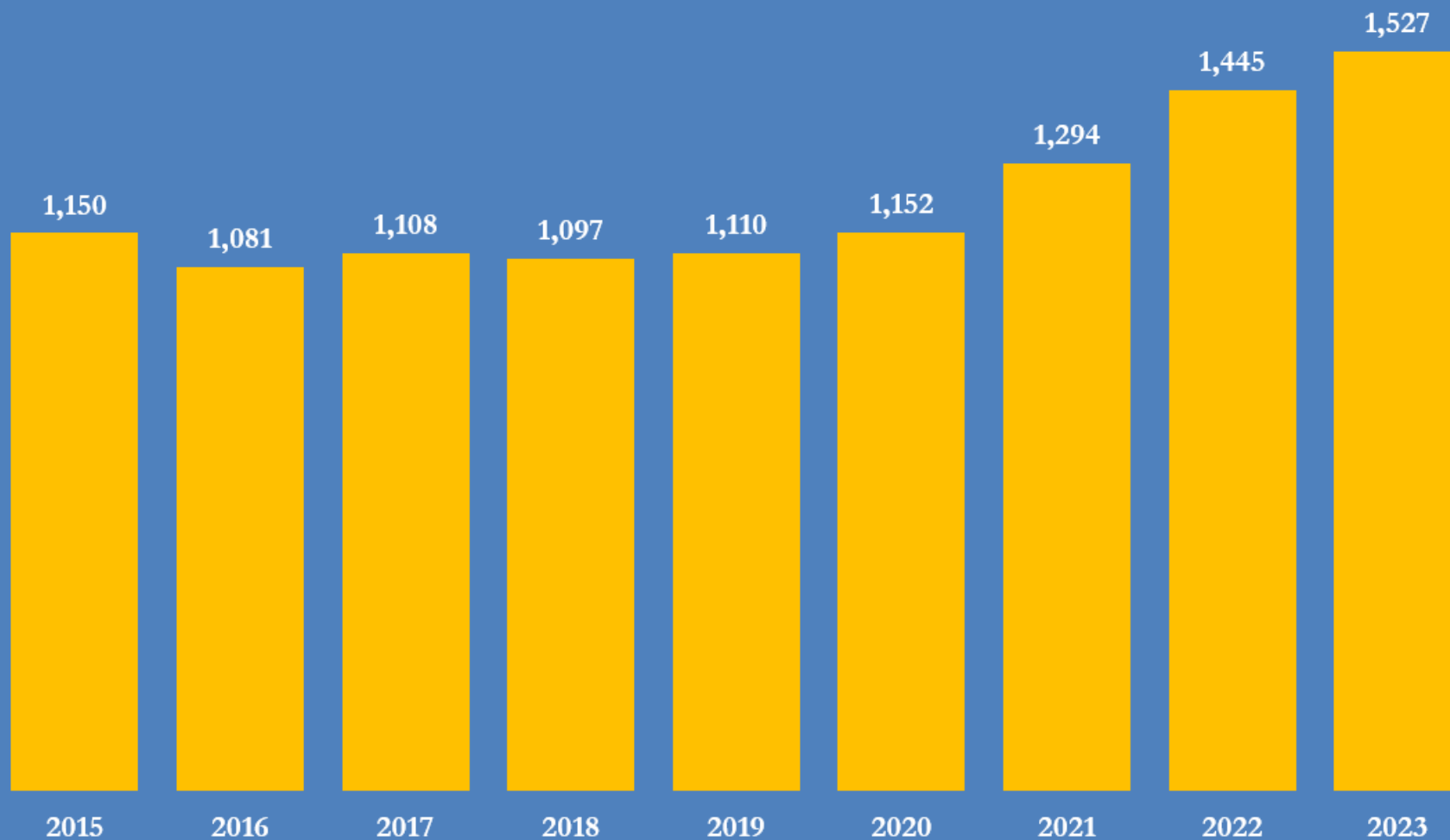


Source: China National Bureau of Statistics

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China coal production, 2015-2023

million tonnes, cumulative production from January to April each year

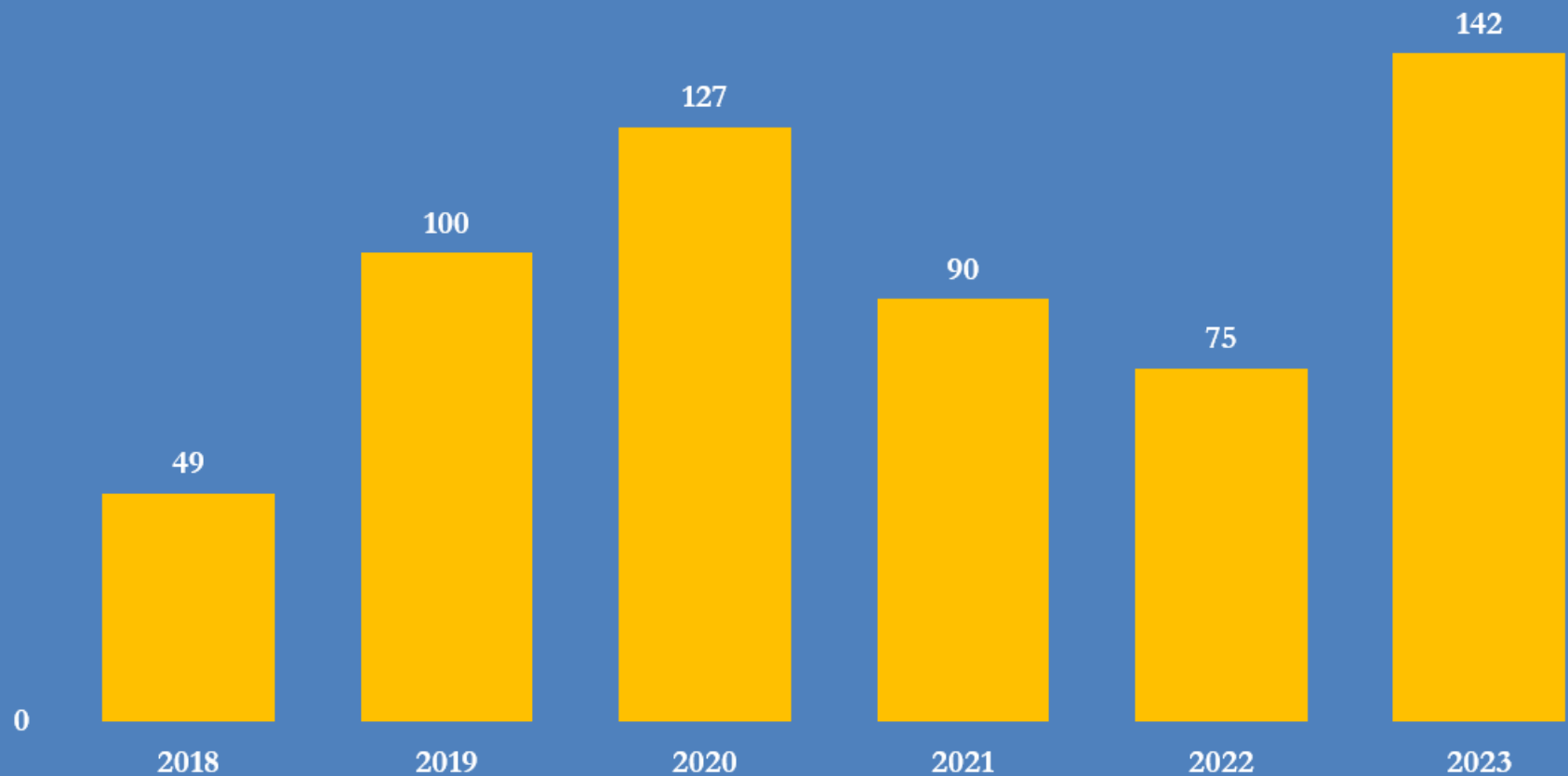


Source: China National Bureau of Statistics

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China coal and lignite imports, 2018-2023

million tonnes, cumulative each year from January to April



Source: General Administration of Customs

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