

INDUSTRIES & MARKETS

Clean tech in the U.S.

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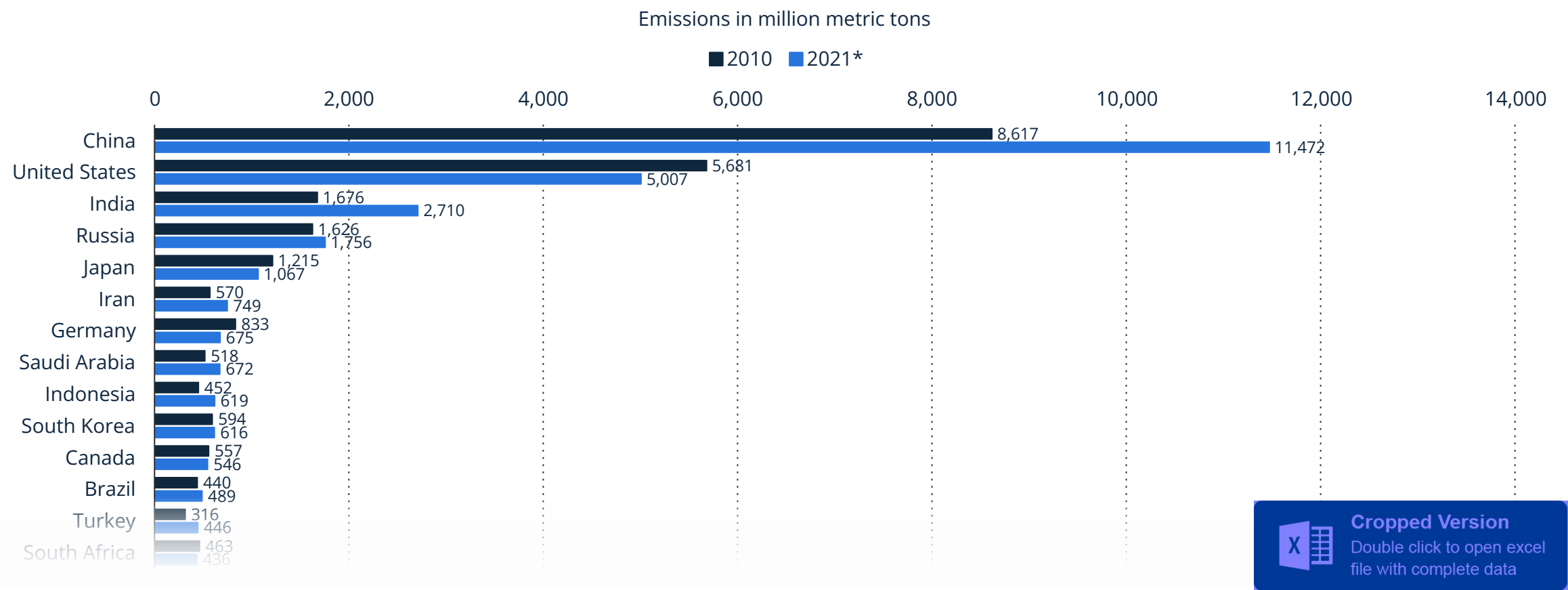
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CHAPTER 01

Overview

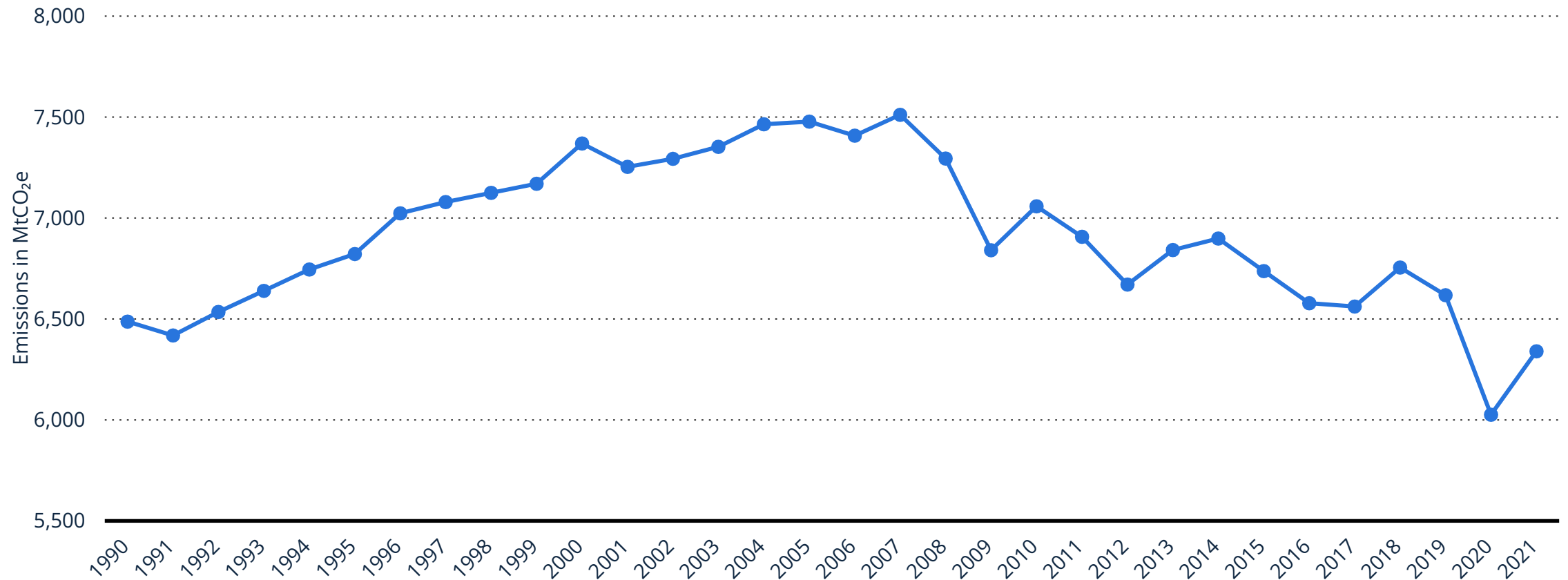
Carbon dioxide emissions worldwide in 2010 and 2021, by select country (in million metric tons)

Global carbon dioxide emissions 2010-2021, by select country



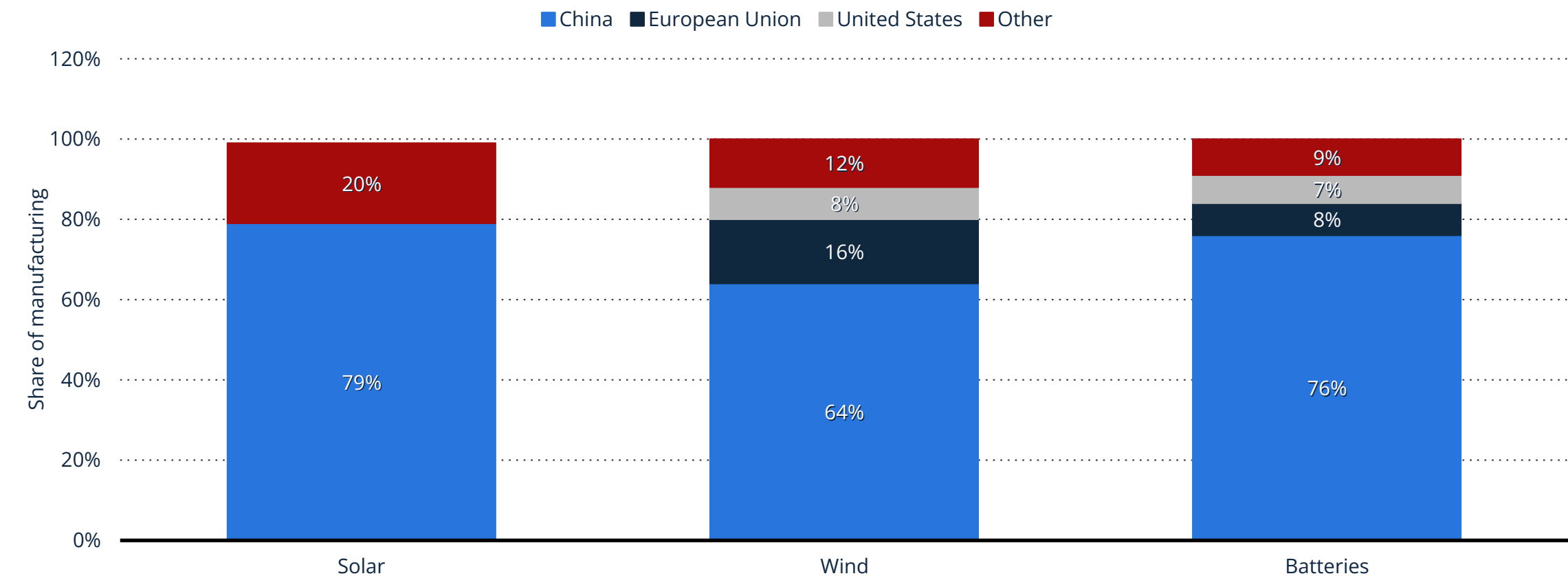
Annual greenhouse gas emissions in the United States from 1990 to 2021 (in million metric tons of CO₂ equivalent)

Greenhouse gas emissions in the U.S. 1990-2021



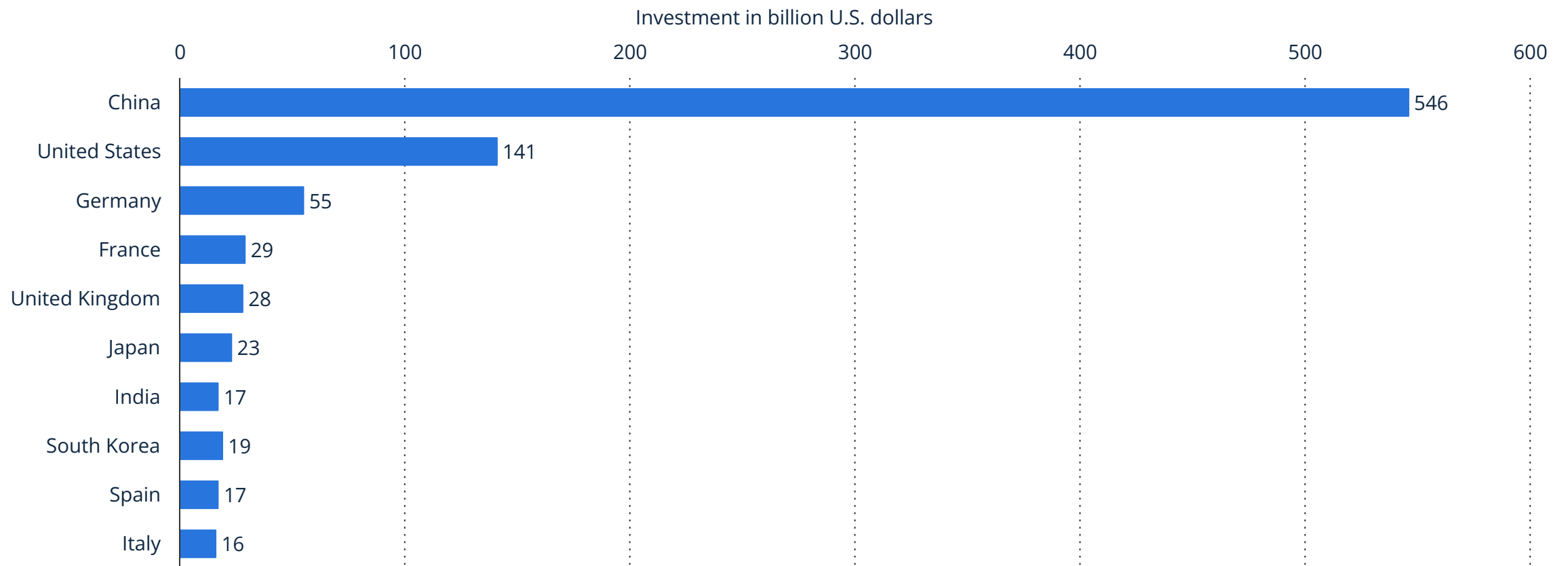
Distribution of clean energy technology manufacturing as of 2023, by region

Share of clean energy technologies manufacturing 2023, by region



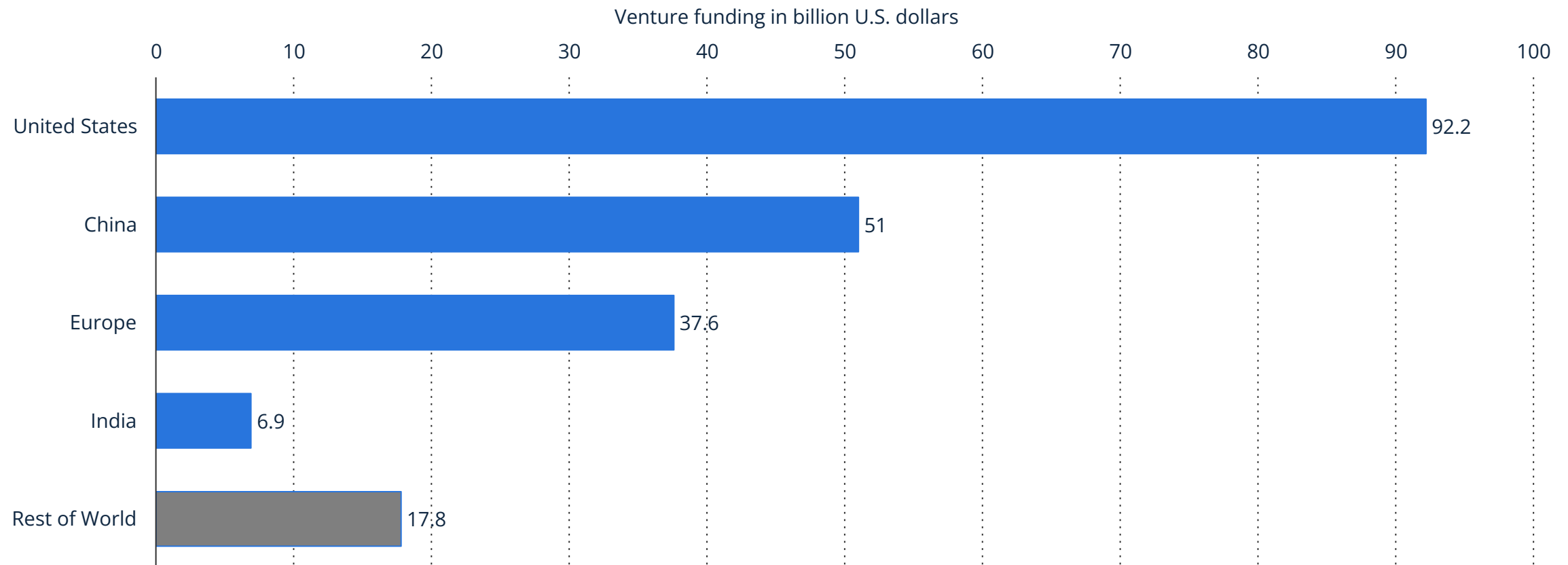
Investments in energy transition worldwide in 2022, by leading country (in billion U.S. dollars)

Global energy transition investments 2022, by leading country



Total climate tech venture capital funding worldwide from 2010 to 2023, by country or region (in billion U.S. dollars)

Global climate tech venture funding 2010-2023, by region

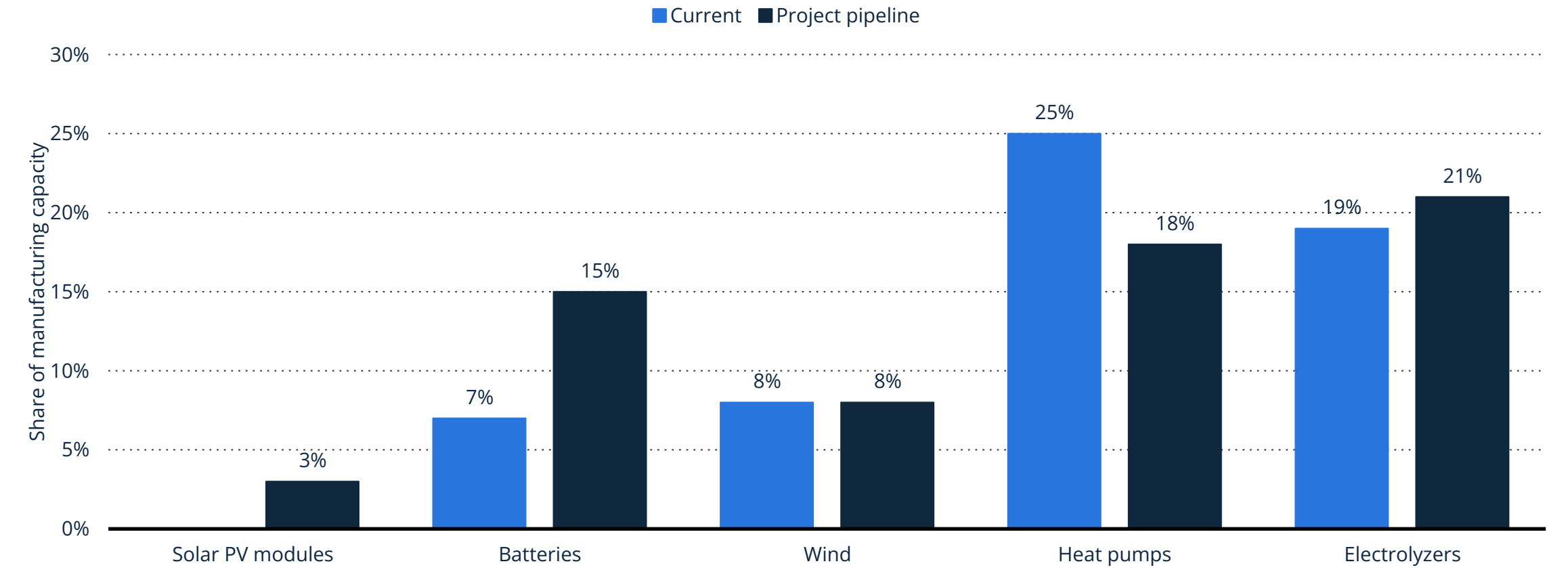


CHAPTER 02

Status

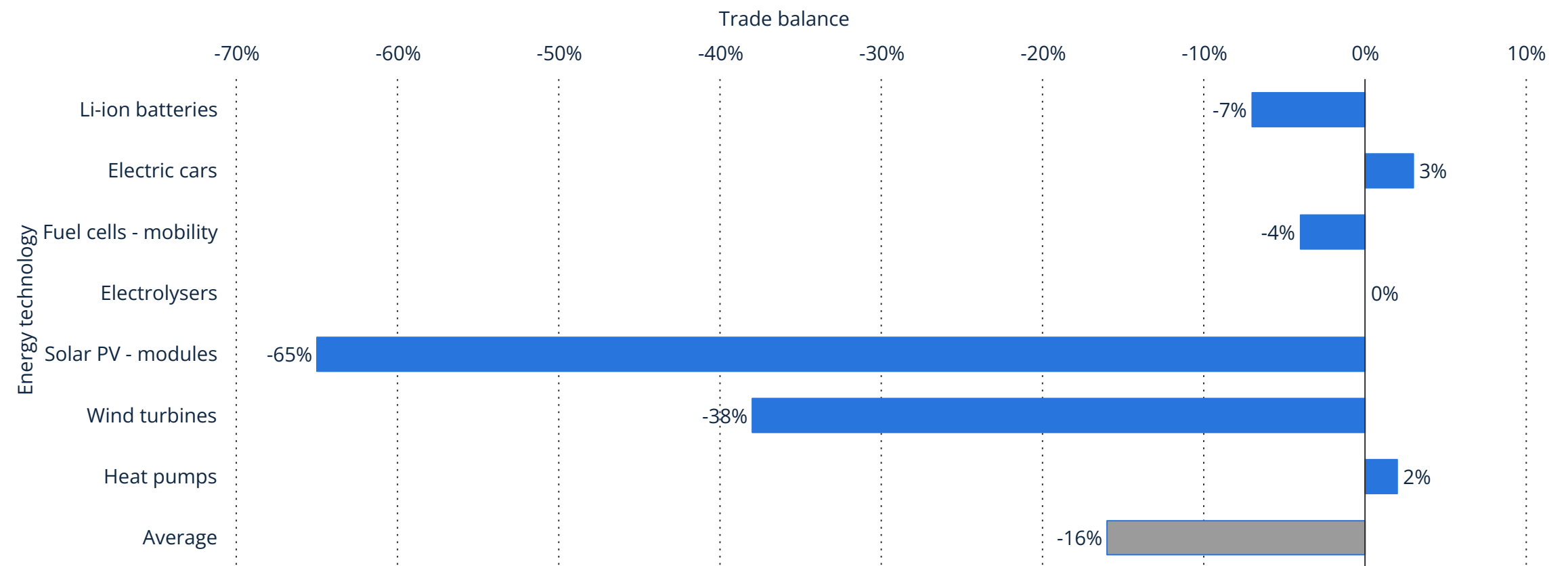
The United State's share of current and projected installed manufacturing capacity of clean tech worldwide from 2022 to 2030, by technology

U.S. share of clean energy tech manufacturing capacity 2022-2030, by technology



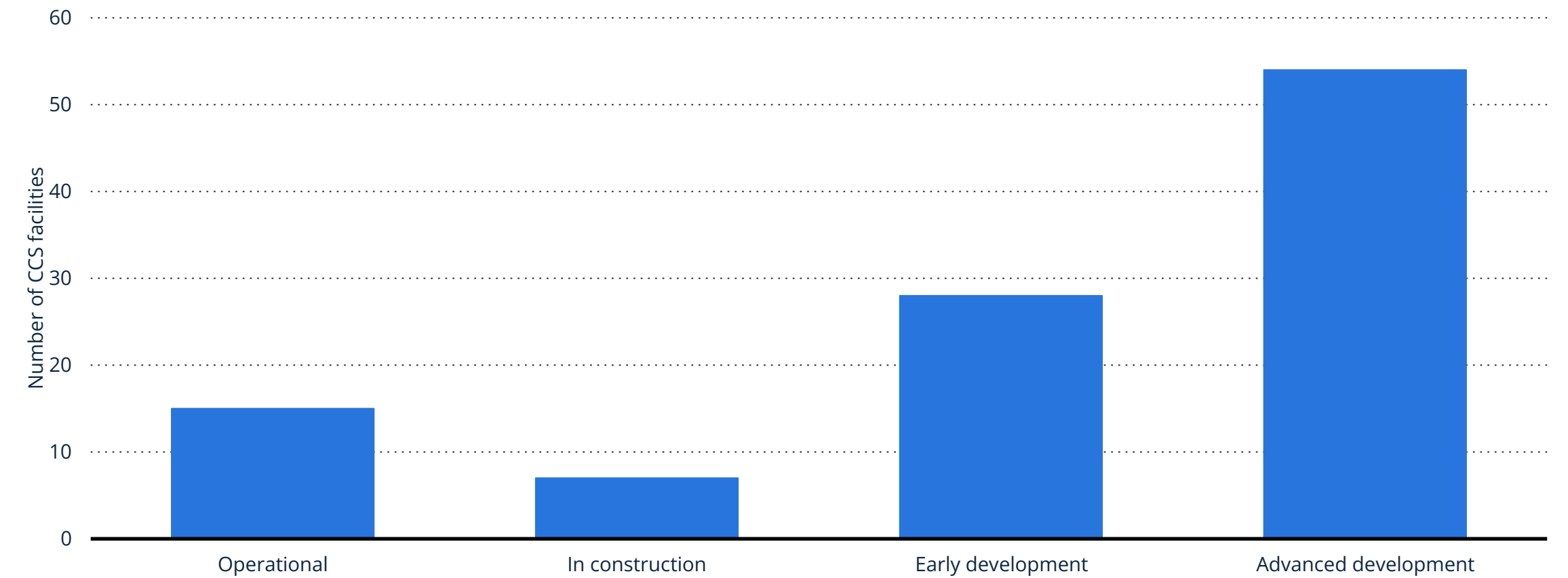
Trade balance of clean energy technologies in the United States in 2021, by product

Trade balance of clean tech in the U.S. 2021, by product



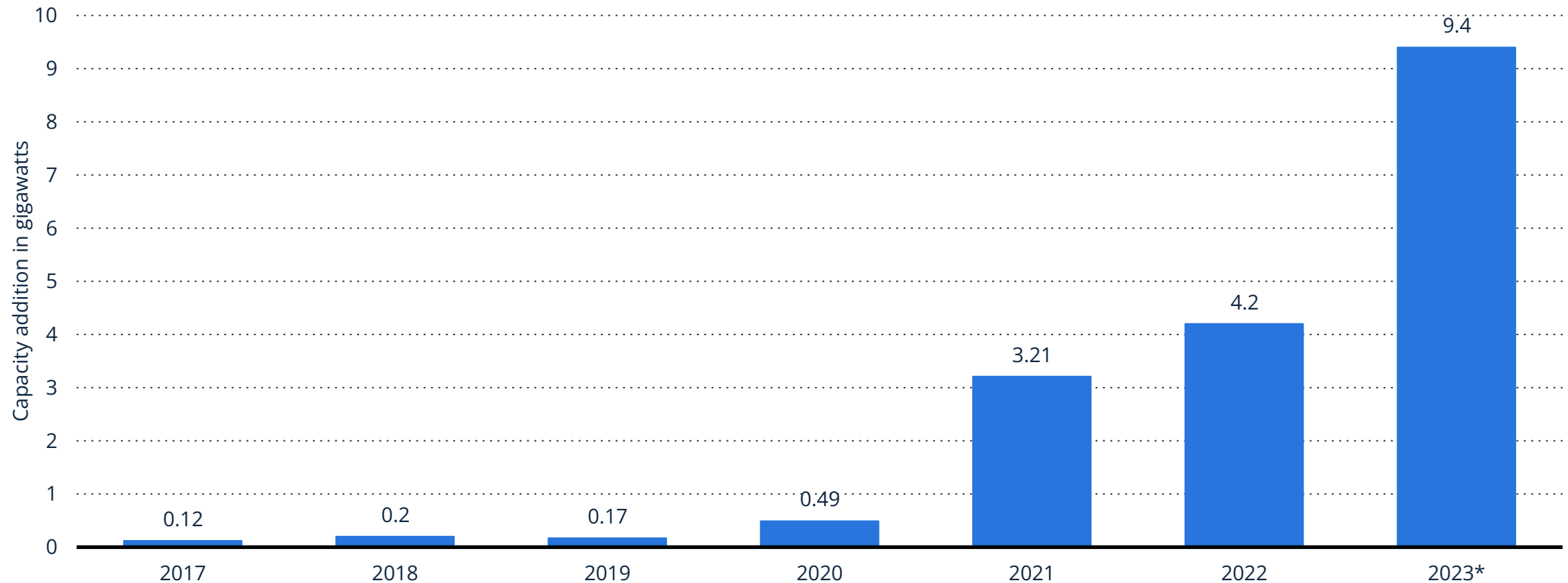
Number of commercial carbon capture and storage (CCS) facilities in the United States as of 2023, by status

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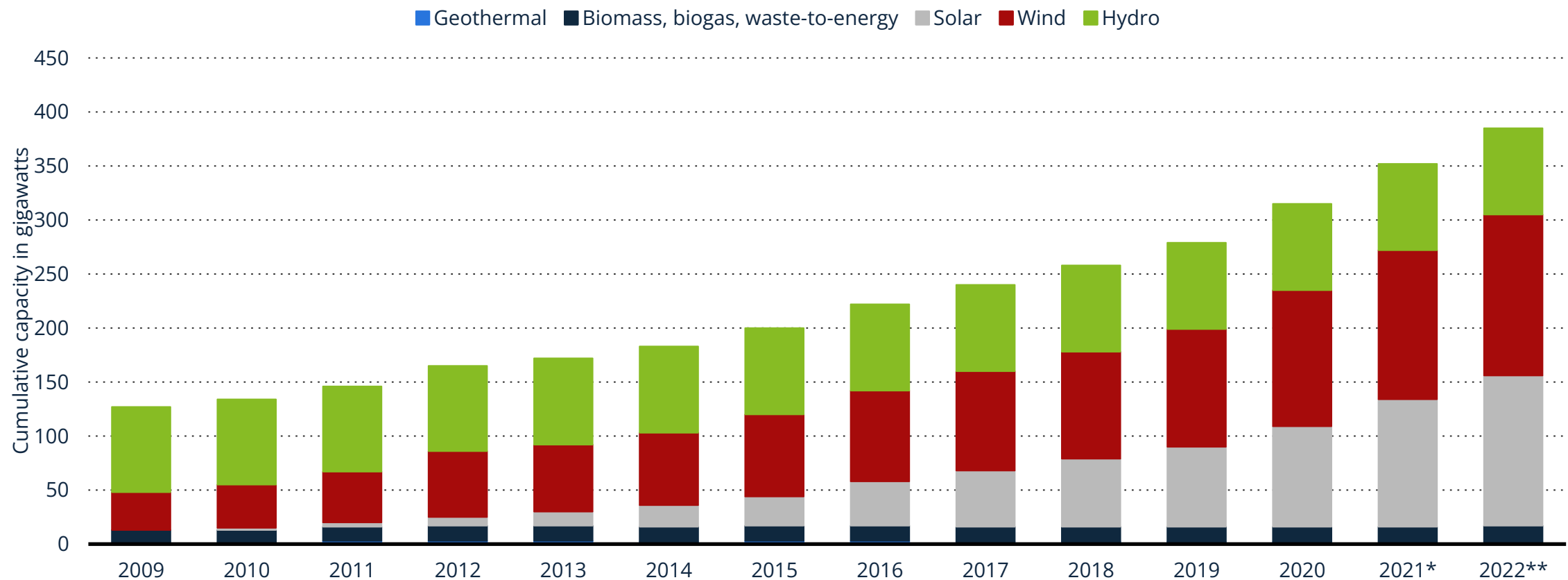
Annual battery capacity additions in the United States from 2017 to 2022 with a forecast to 2023 (in gigawatts)

U.S. battery storage capacity additions 2017-2023



Cumulative renewable energy capacity in the United States from 2009 to 2020, with a forecast for 2021 and 2022, by technology (in gigawatts)

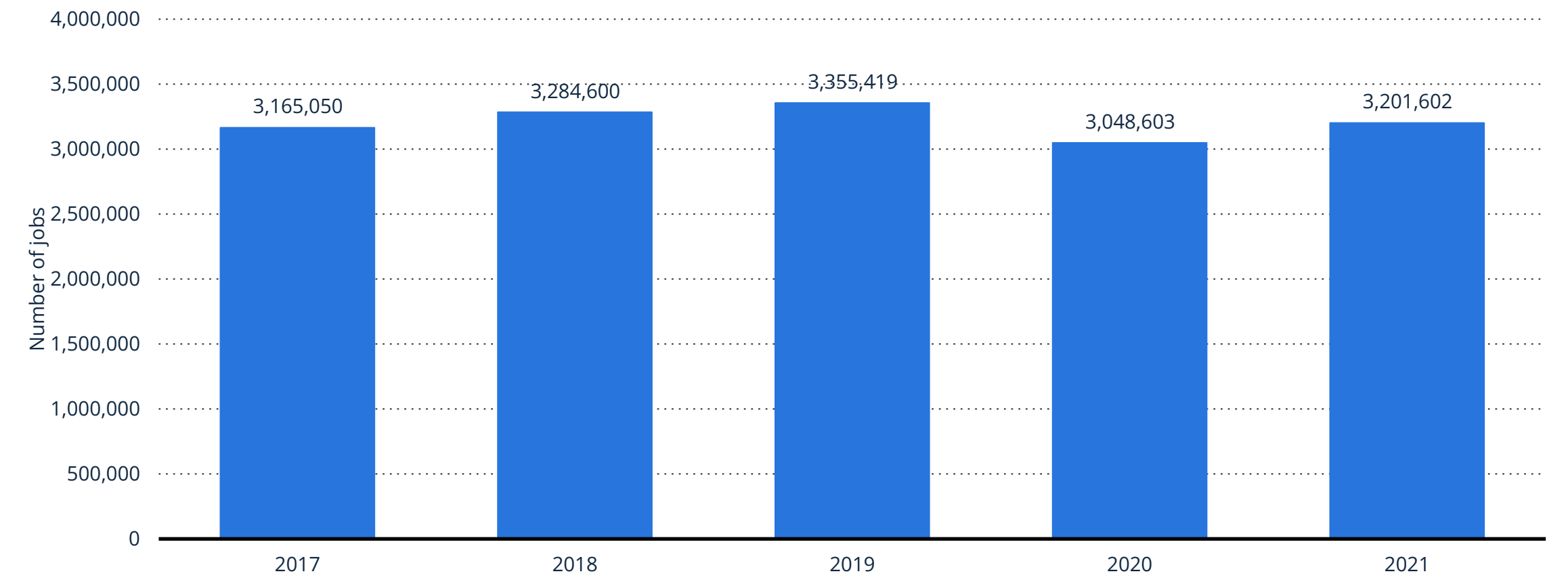
Cumulative renewable energy capacity in the U.S. 2009-2022, by technology



13 **Description:** In 2022, the United States' cumulative wind capacity reached an estimated 149 gigawatts. Among the various sources of renewable energy capacity, solar and wind capacity had a linear growth in the U.S. since the start of the decade. [Read more](#)
Note(s): United States; 2009 to 2022; * Projected, accounting seasonality, based on latest monthly data available through October 2021. **Estimated. No figures were provided for geothermal energy. The figure for biomass has been calculated [...] [Read more](#)
Source(s): BCSE; BloombergNEF; EIA

Number of people employed in the clean energy industry in the United States from 2017 to 2021

Clean energy sector employment in the U.S. 2017-2021

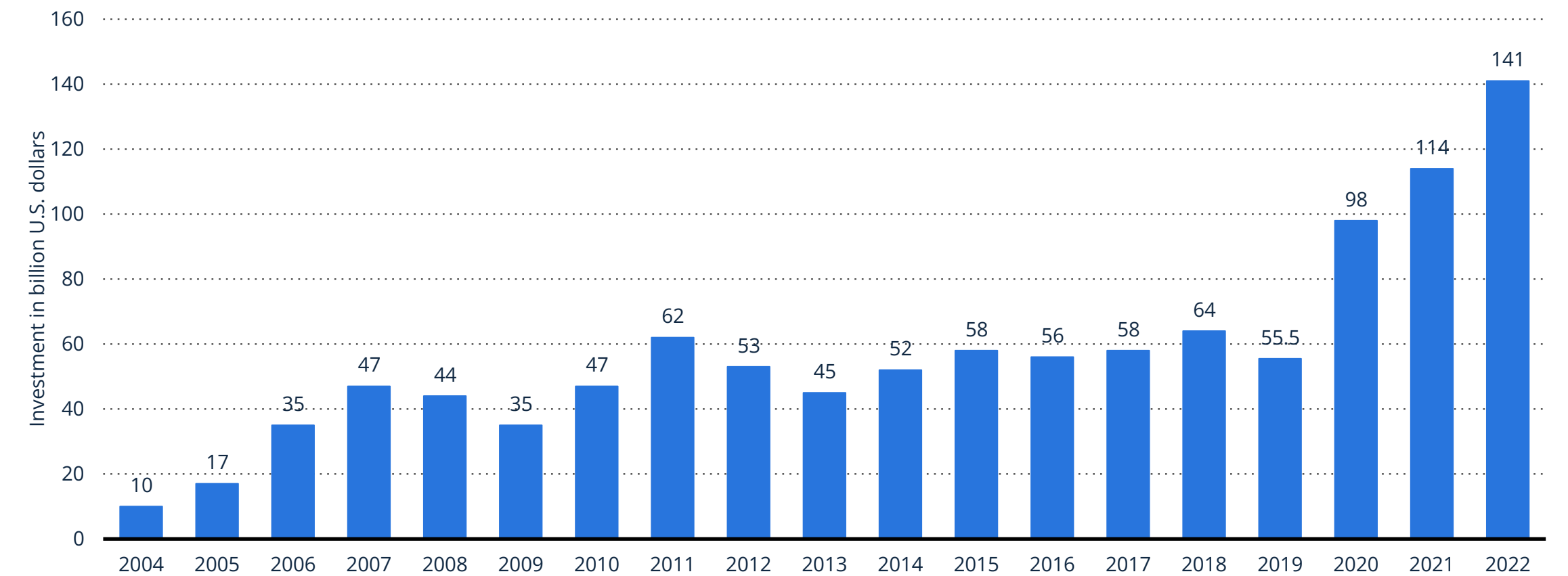


CHAPTER 03

Finance

Investment in clean energy in the U.S. from 2004 to 2022 (in billion U.S. dollars)

U.S. clean energy investments 2004-2022



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