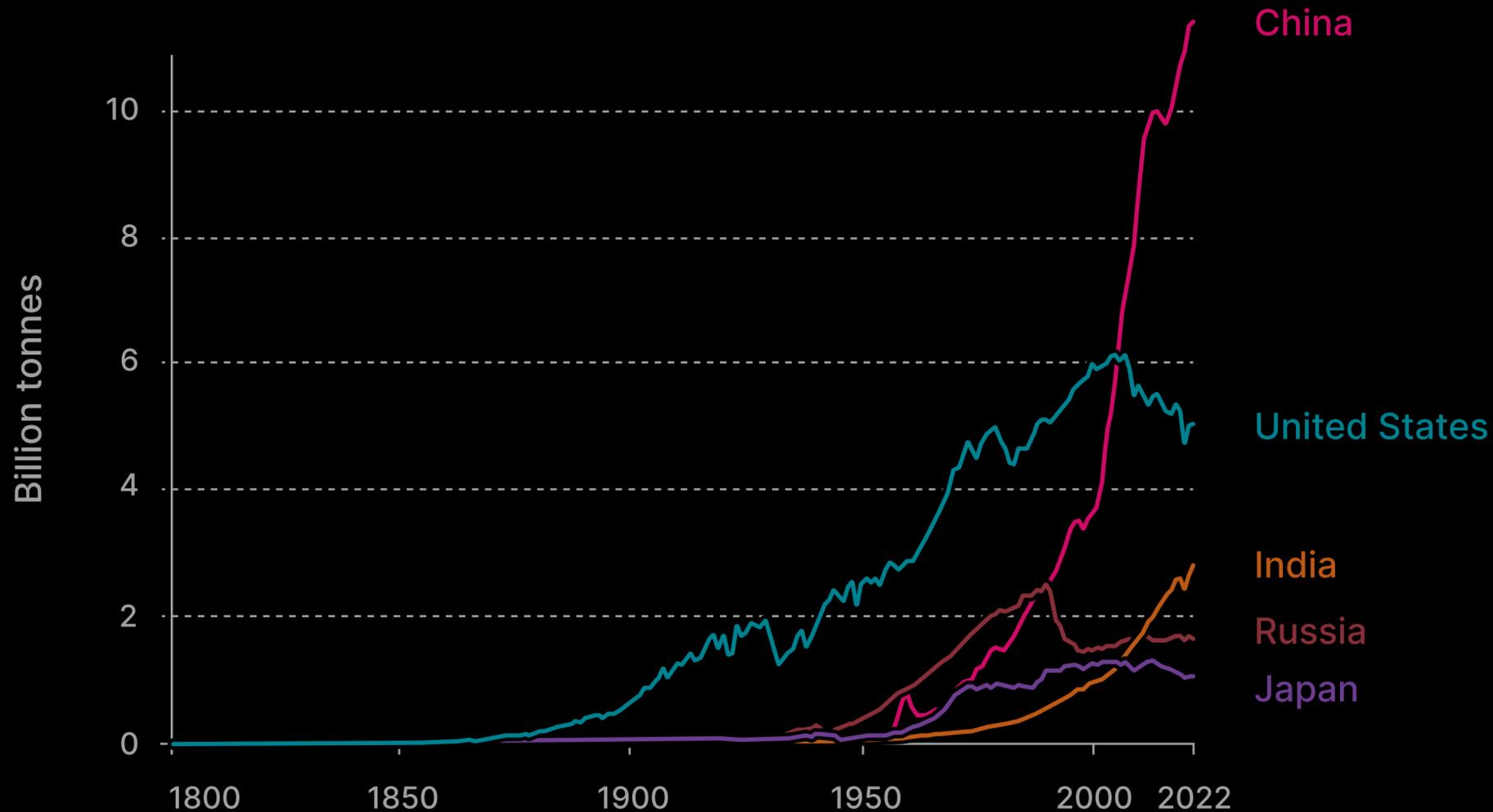


Annual CO₂ emissions



Data: [OurWorldinData.org](https://ourworldindata.org)

Annual CO₂ Emissions - Over 1 Billion Tonnes in 2022

Historic annual CO₂ emissions due to fossil fuels and industry for countries emitting more than 1 billion tonnes CO₂ in 2022 from 1750 to 2022. Included are the countries of China, the United States, India, Russia, and Japan.

Prior to the Industrial Revolution (1760-1840), worldwide CO₂ emissions were very low and growth in emissions remained slow until the mid-20th century. Both the United States and Russia have shown reductions in their emissions since the 1990s.

2022 emissions in the United States were 5.06 billion tonnes (down from 6.1 billion tonnes in 2005), and in Russia were 1.65 billion tonnes (down from 2.54 billion tonnes in 1990). China's annual CO₂ emissions surpassed those of Russia and the United States in their peak years and have risen steadily since to 11.4 billion tonnes in 2022.



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