

CO₂ Emissions & Climate Change

A Dashboard to Understand the Data Behind Global Warming
By Nesrine and Prema



Temperature
Anomaly

CO₂ Emissions
Time Series

Emissions Per
Industry

Heat Map

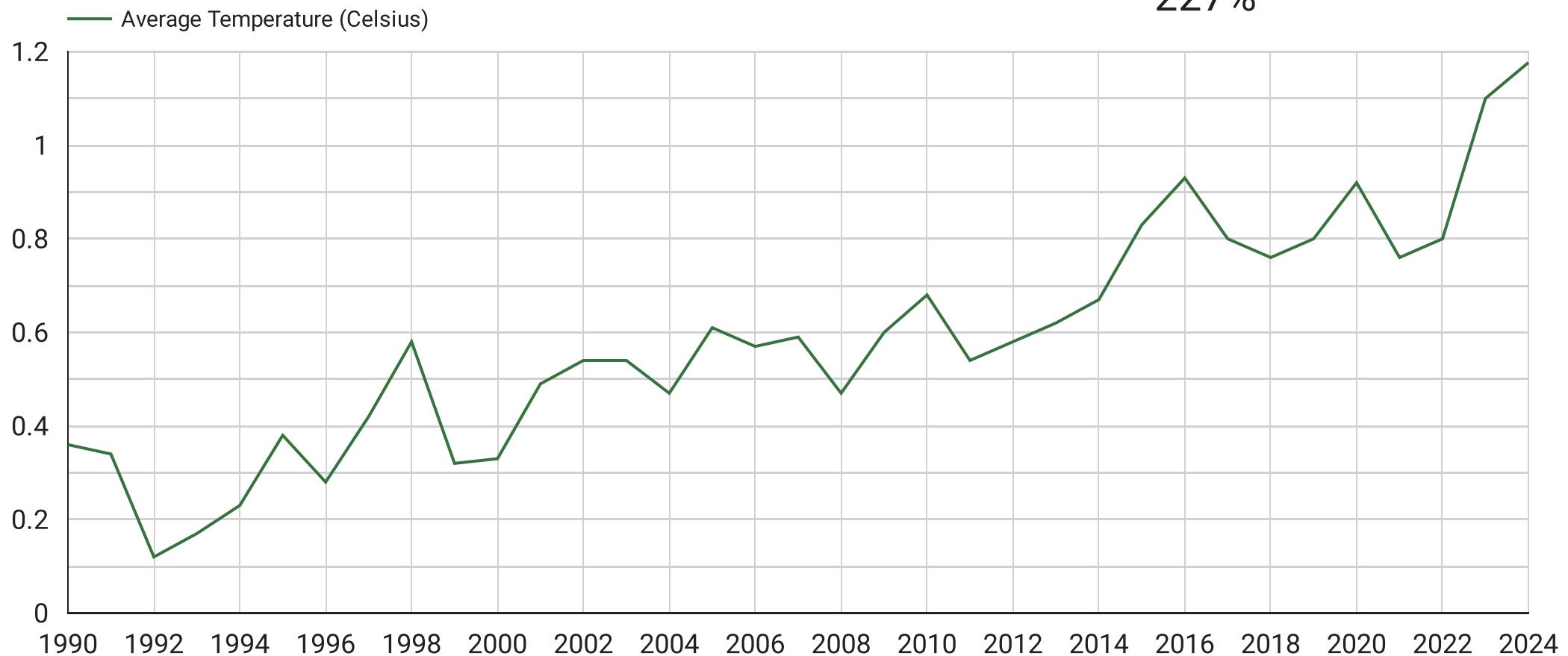
GDP vs. Emissions

Leaderboard

Global Temperature Anomaly in °C (1990 - 2024)

Relative change from 1990 to 2024

227%



Next

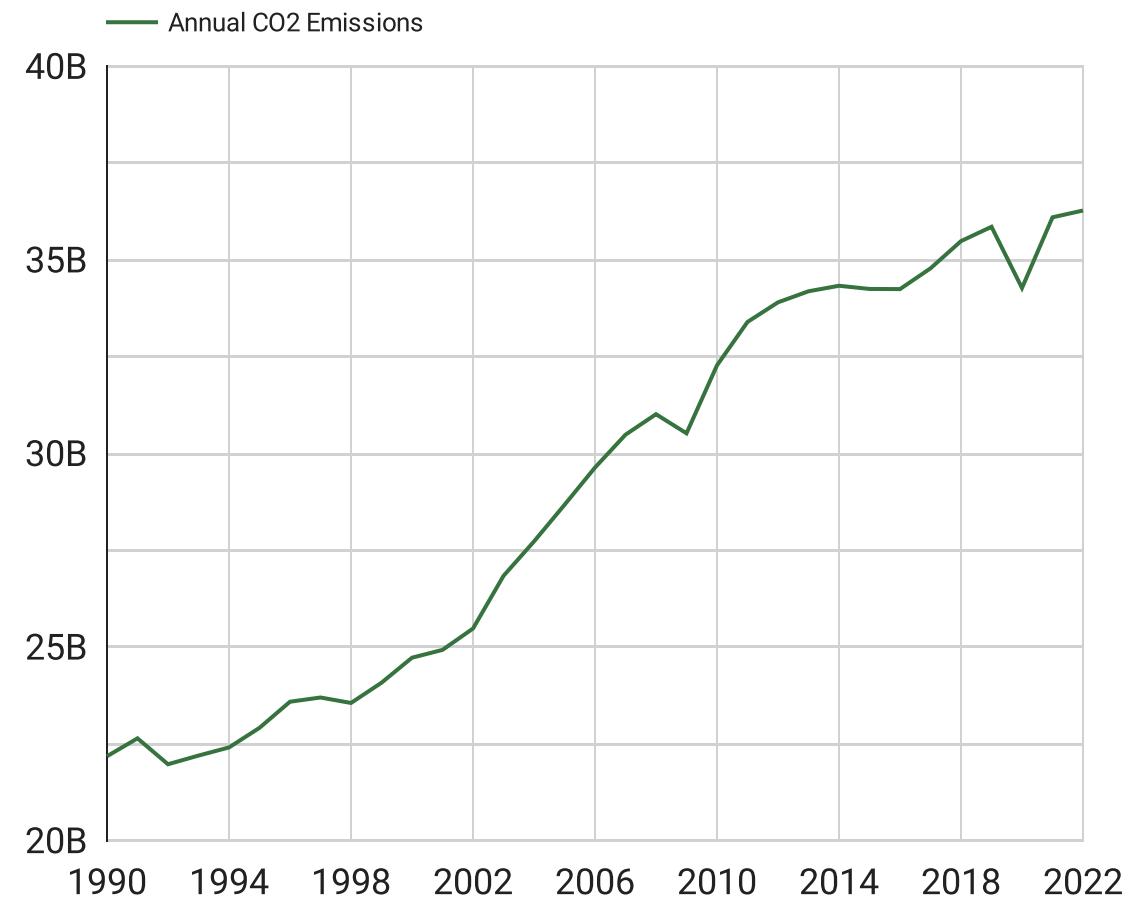
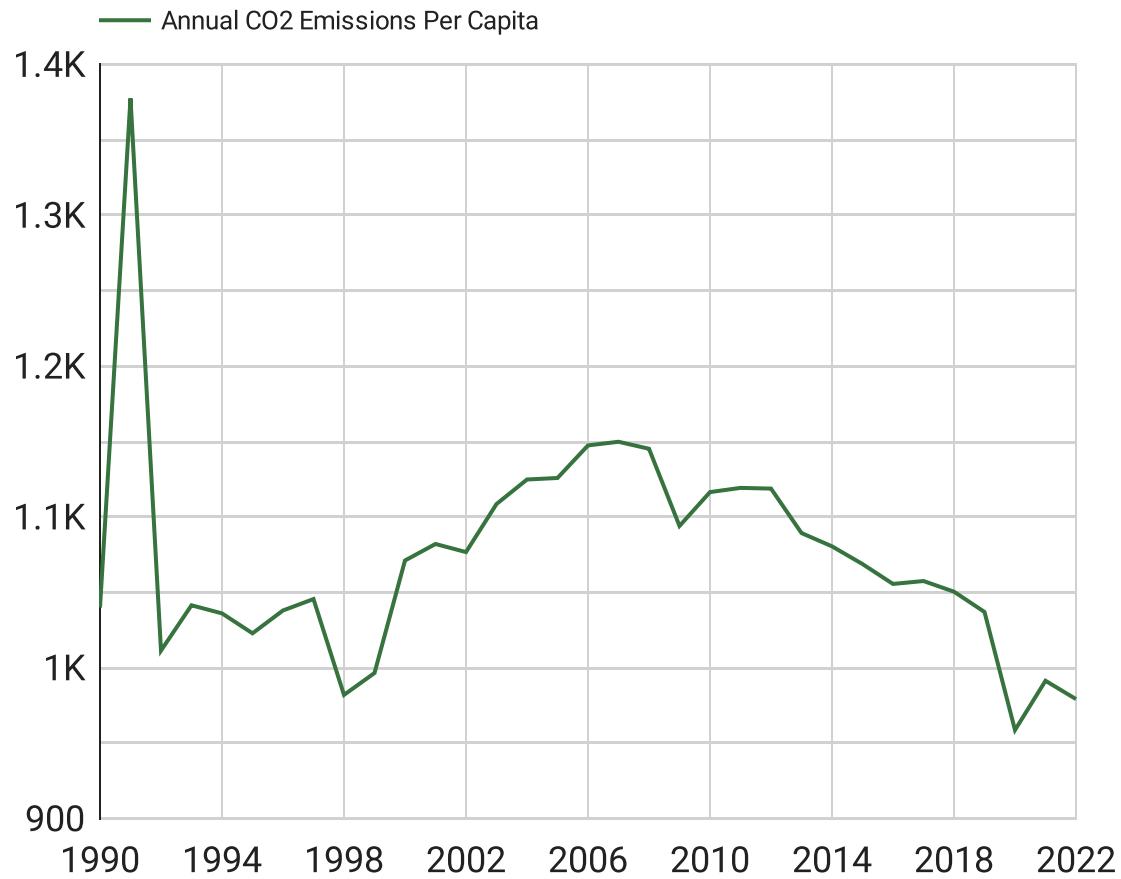
Global CO2 Emissions in Metric Tons (1990 - 2022)

Total CO2 Emissions 1990-2022

958,558,409,458.21

Select by

Country

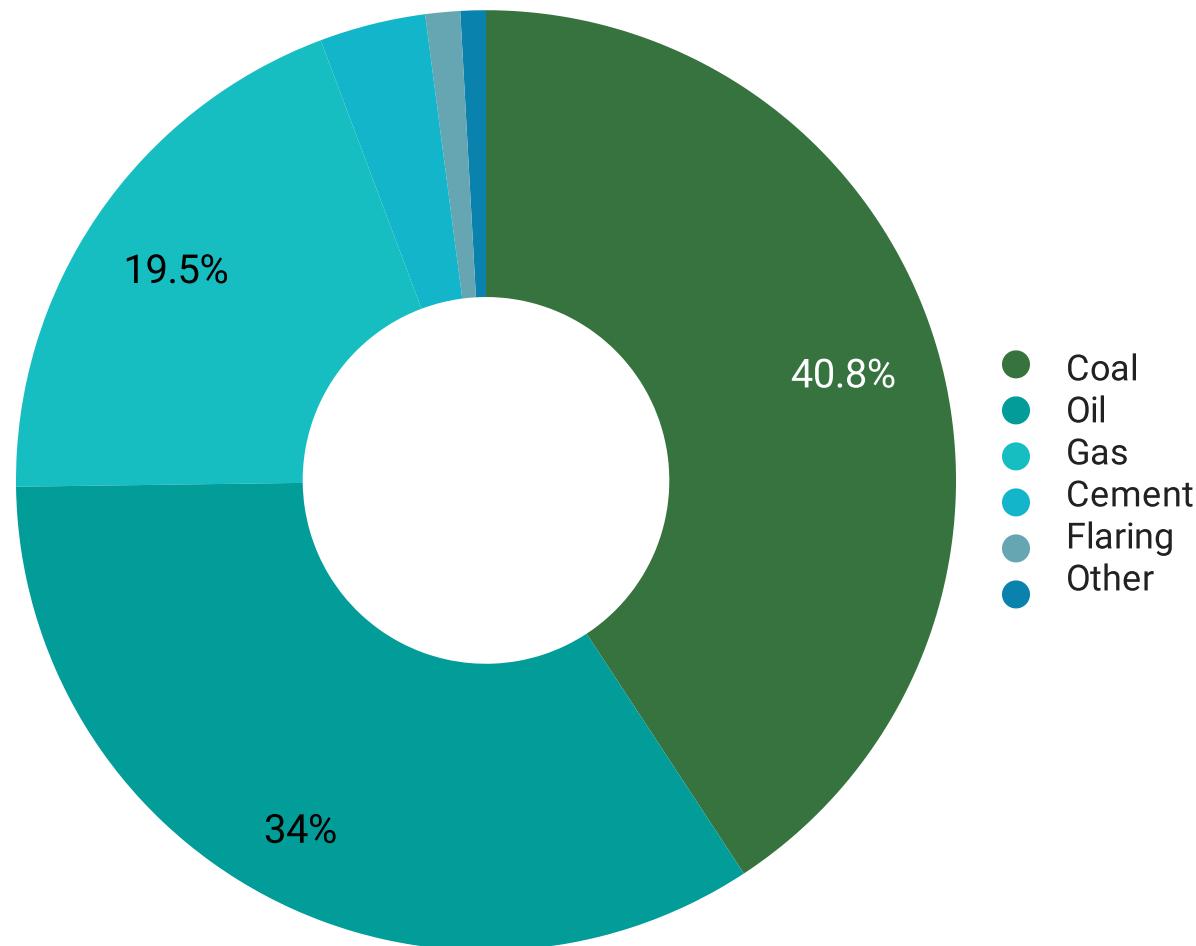


Next

Global CO2 Emissions by Industry (metric tons) (1990 - 2022)

Select by

Country ▾



- Coal
- Oil
- Gas
- Cement
- Flaring
- Other

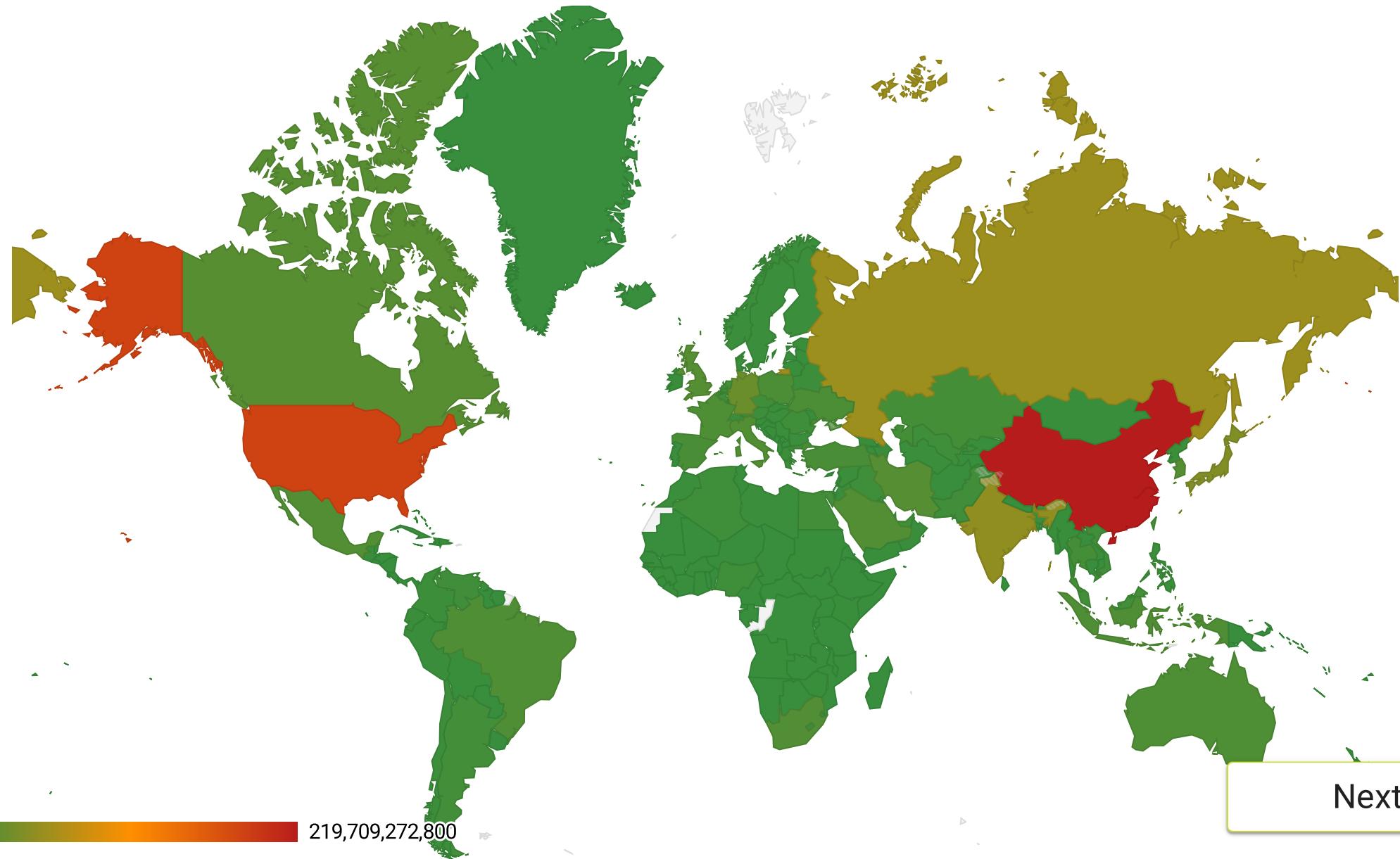
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Regional Differences in CO₂ Emissions (1990 - 2022)

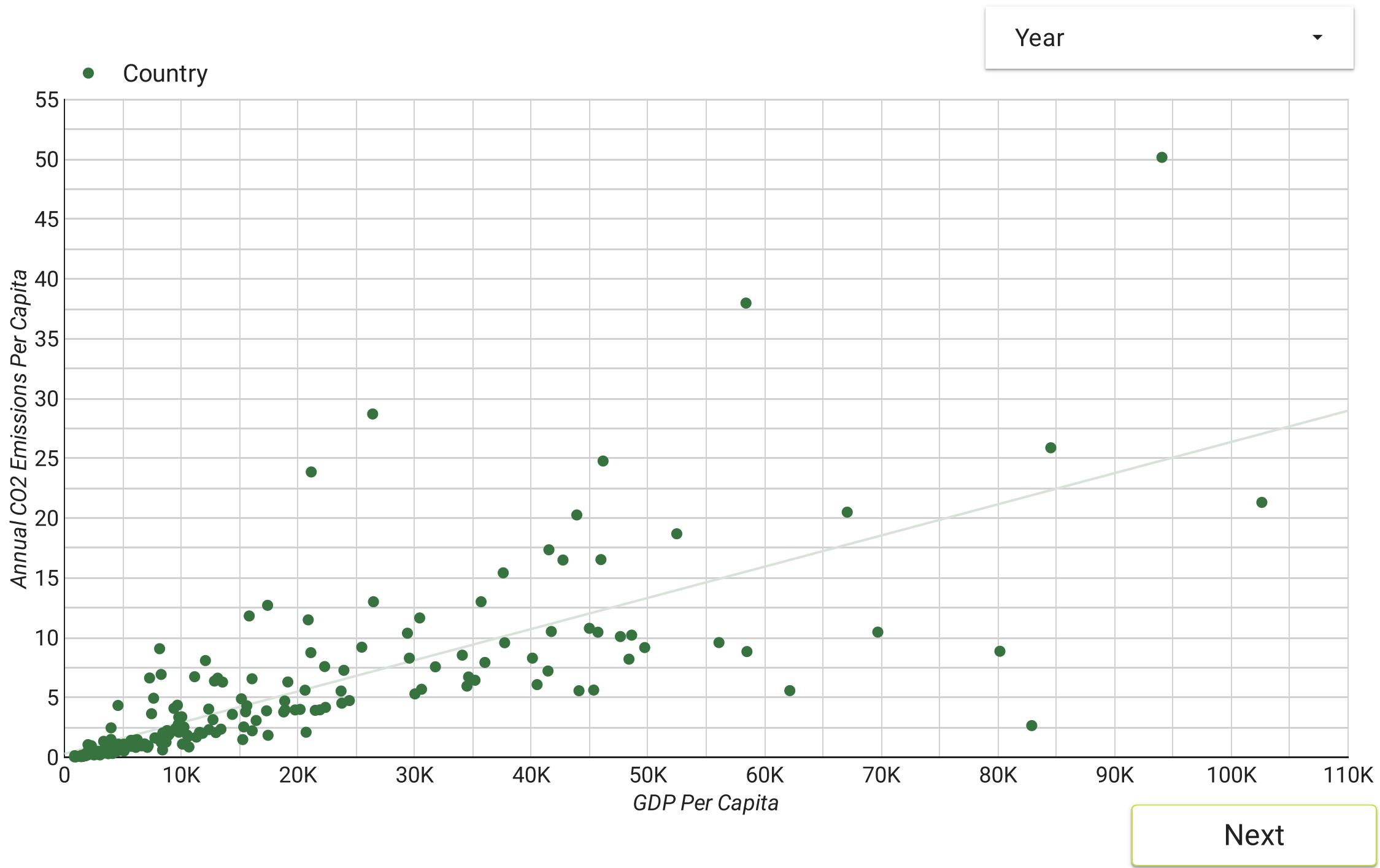
Year



Country by Annual CO2 Emissions



GDP vs. Emissions (1990 - 2022)



The World's Largest CO₂ Emitters (1990 - 2022)

Country	Annual CO2 Emissions ①	Annual CO2 Emissions Pe... ②
1. China	219,709,272,800	163.05
2. United States	182,842,650,100	616.76
3. Russia	55,465,816,600	379.32
4. India	49,380,273,620	40.49
5. Japan	40,065,783,700	316.07
6. Germany	28,246,537,180	345.22
7. Canada	17,898,852,670	544.32
8. United Kingdom	16,717,632,870	273.68
9. South Korea	16,661,156,660	342.46
10. Iran	15,951,732,900	210.46
11. Saudi Arabia	14,598,448,480	668.67

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Top CO₂ Emitter: China – ~30% of global emissions
Highest Emissions Per Capita: Qatar