

Electricity Production USA & Germany 2000-2014

Intro: Electricity Production in US & Germany

- Total Production & Sources as a percent of total.
- All data is from The World Bank.

Not all relevant data was updated after 2014.

- Data presented is from 2000 through 2014.



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Source: <https://databank.worldbank.org/source/world-development-indicators>

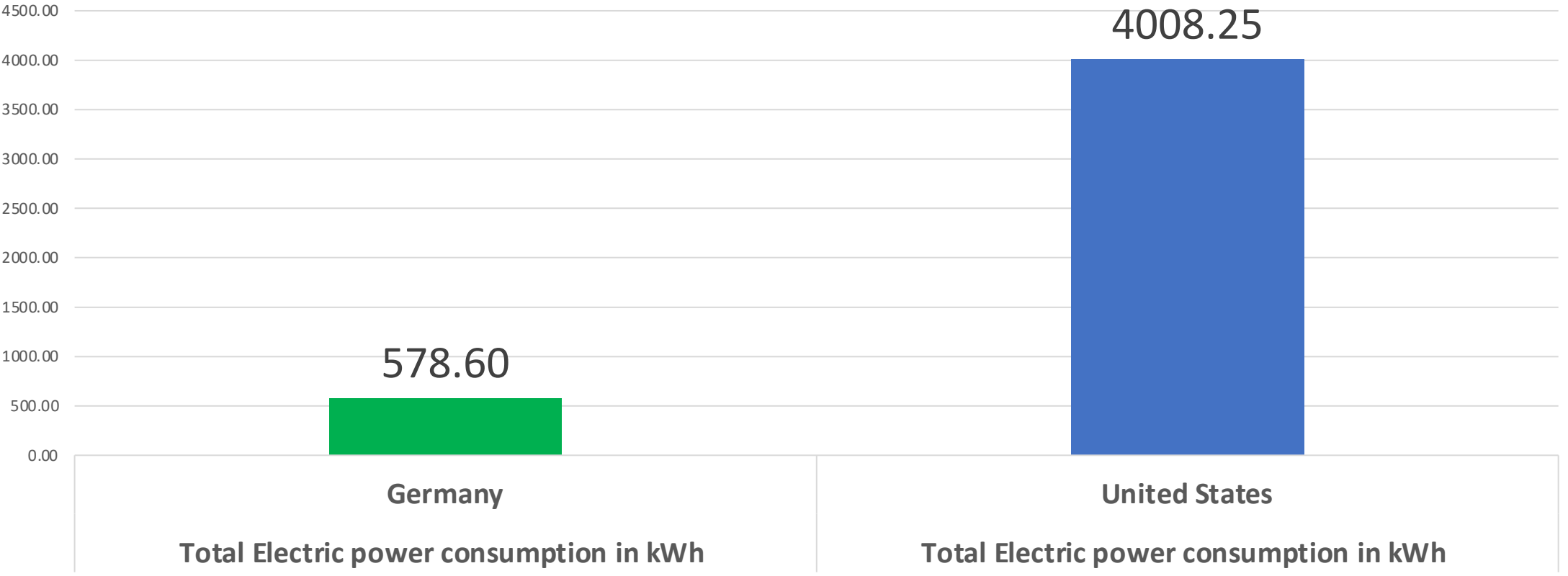
Population Comparison

Avg. Population Germany & USA - 2000-2014
In Millions of People



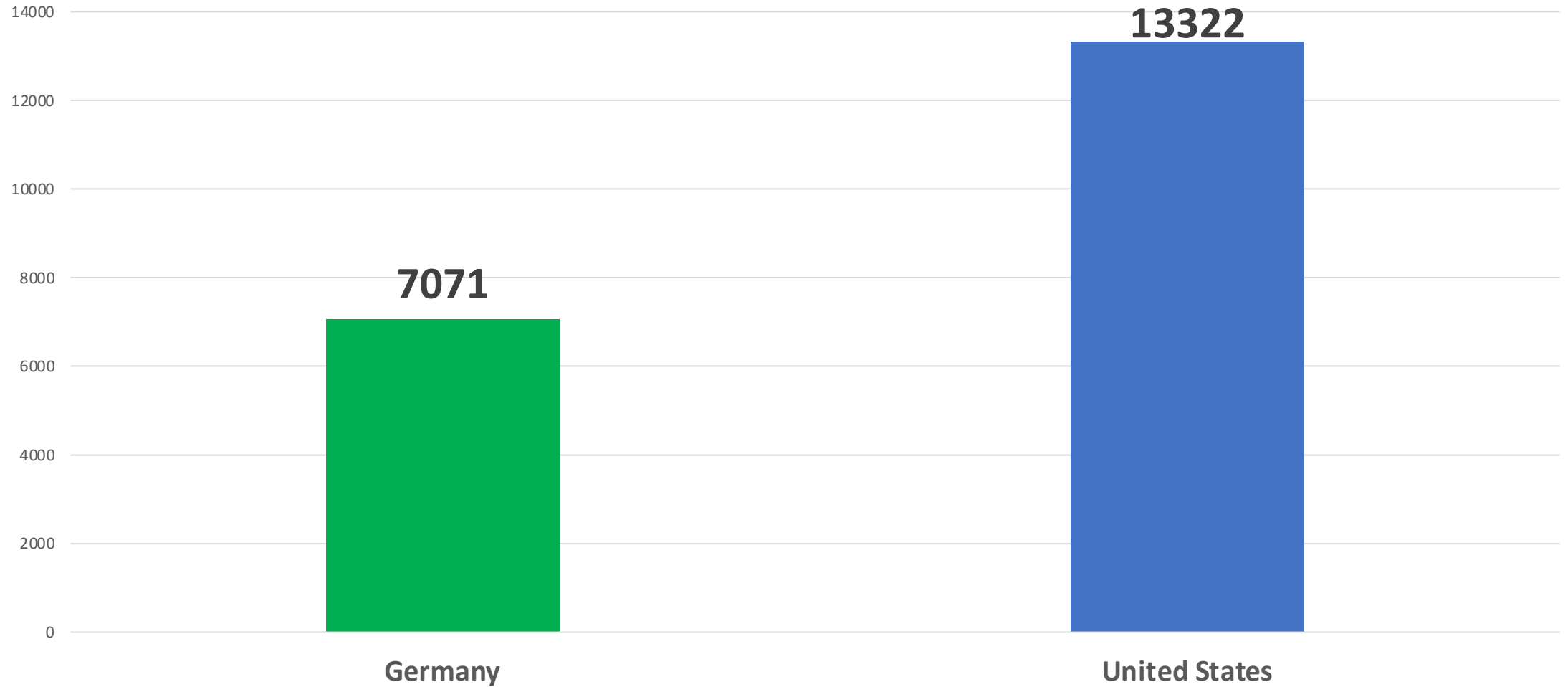
Total Electricity Consumption

Total Electric Consumption - Germany & USA - 2000-2014
In Trillions of Kilowatt hours per year.



Per Capita Electricity Consumption

2000-2014 Average Annual Consumption in Kilowatt hours Per Person



Summary: Total and Per Capita Electricity Consumption

Average annual values from 2000 through 2014:

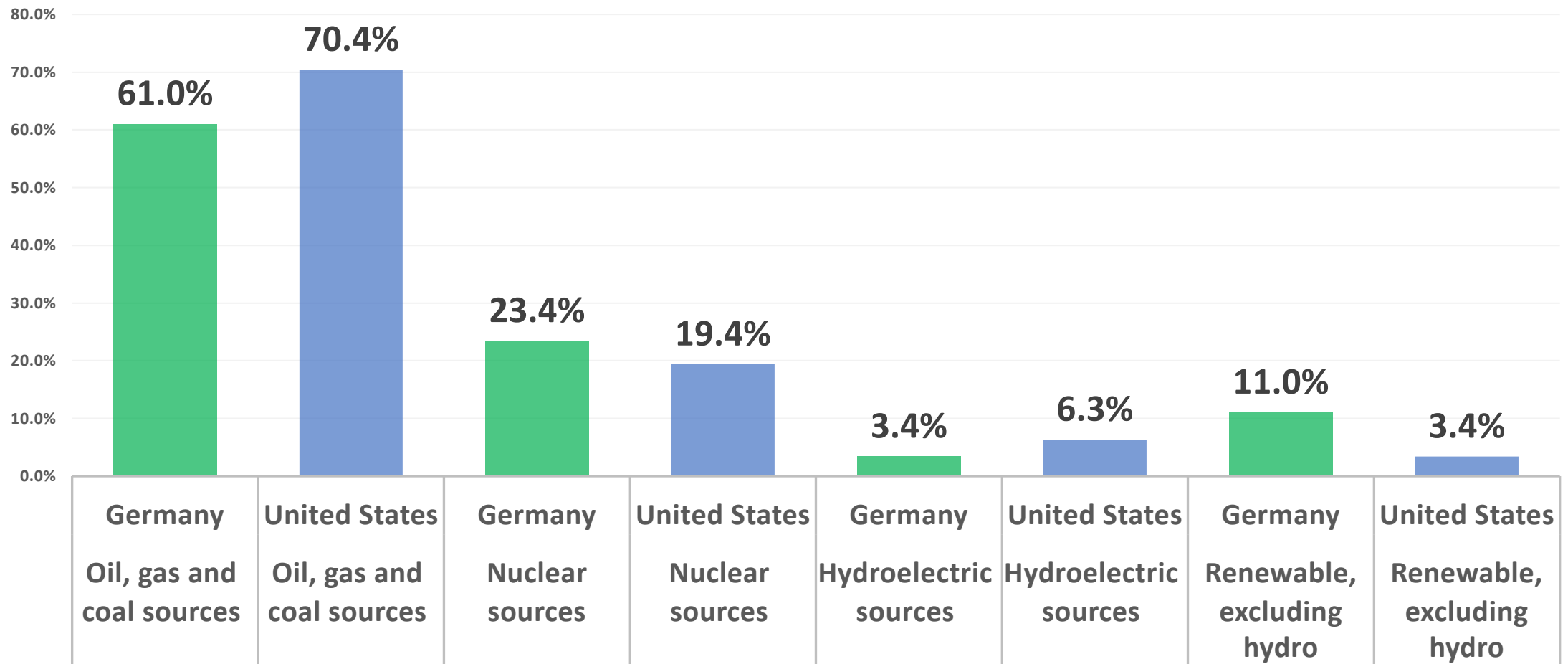
- German population: 82 million
- US population: 300 million
- German electrical use: 580 trillion kWh
- US electrical use: 4000 trillion kWh
- Per Capita use in Germany: 7100 kWh
- Per Capita use in USA: 13000 kWh



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Sources of Electricity as Percent of Total

Sources of Electricity - Germany vs USA - 2000-2014
As a Percentage of Total Electrical Production



Summary of Electrical Sources

Average Annual Values 2000-2014, as a percentage of the nation's total electrical production:

- Germany – Fossil Fuels: 61%
- USA – Fossil Fuels: 70%
- Germany – Nuclear: 23%
- USA – Nuclear: 19%
- Germany – Hydroelectric: 3%
- USA – Hydroelectric: 6%
- Germany – Non-Hydro Renewables: 11%
- USA – Non-Hydro Renewables: 3%

Data Links

- All data was sourced from The World Bank's *World Development Indicators* and was last updated 2/15/2021

<https://databank.worldbank.org/source/world-development-indicators>

- The data analysis and this presentation can be found here:

<https://github.com/werdnamac/DE-USA-Electricity-Presentation>

You can view a PDF version of the presentation on GitHub without downloading the file.

To see the PowerPoint presentation version, or to see the data analysis Excel workbook, you must download those files from GitHub.