

## Frequently Asked Questions

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# How much of U.S. carbon dioxide emissions are associated with electricity generation?

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In 2018, emissions of carbon dioxide (CO<sub>2</sub>) by the U.S. [electric power sector](#) were 1,763 million metric tons (MMmt), or about 33% of total U.S. energy-related CO<sub>2</sub> emissions of 5,269 (MMmt).<sup>1</sup>

### CO<sub>2</sub> emissions by U.S. electric power sector by source, 2018

Source	Million metric tons	Share of sector total
Coal	1,150	65%
Natural gas	581	33%
Petroleum	21	1%
Other <sup>2</sup>	11	<1%
Total	1,763	

<sup>1</sup> Includes CO<sub>2</sub> emissions from the combustion of miscellaneous waste materials made from fossil fuels and by some types of geothermal power generation.