

DIGITAL & TRENDS

Electric power industry emissions in the U.S.

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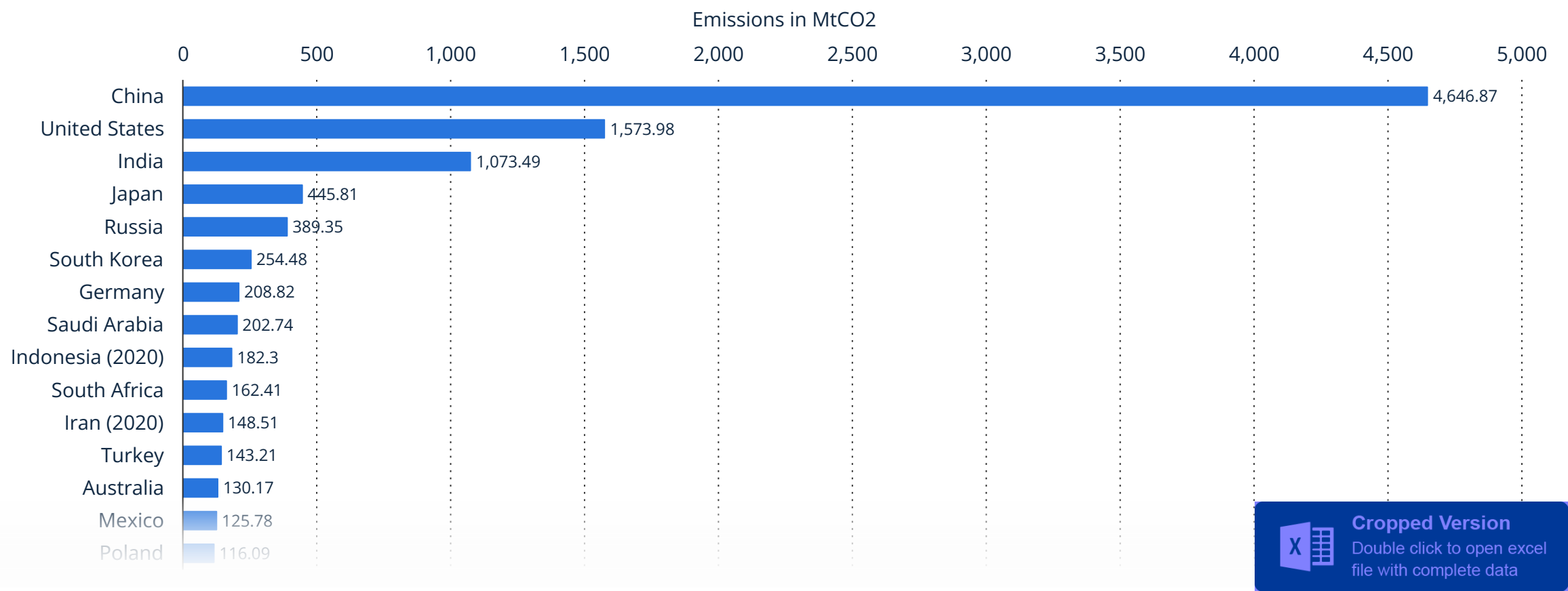
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CHAPTER 01

Overview

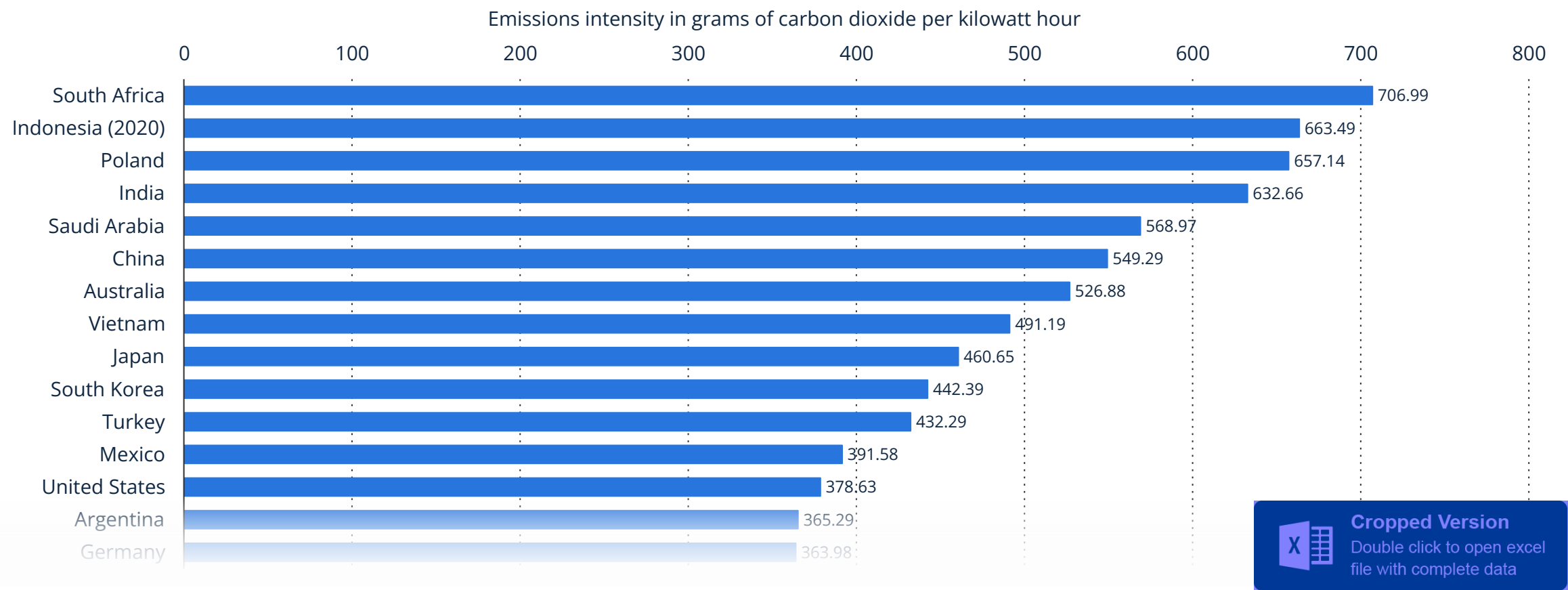
Emissions from electricity generation worldwide in 2021, by country (in million metric tons of carbon dioxide)

Global electricity generation emissions 2021, by country



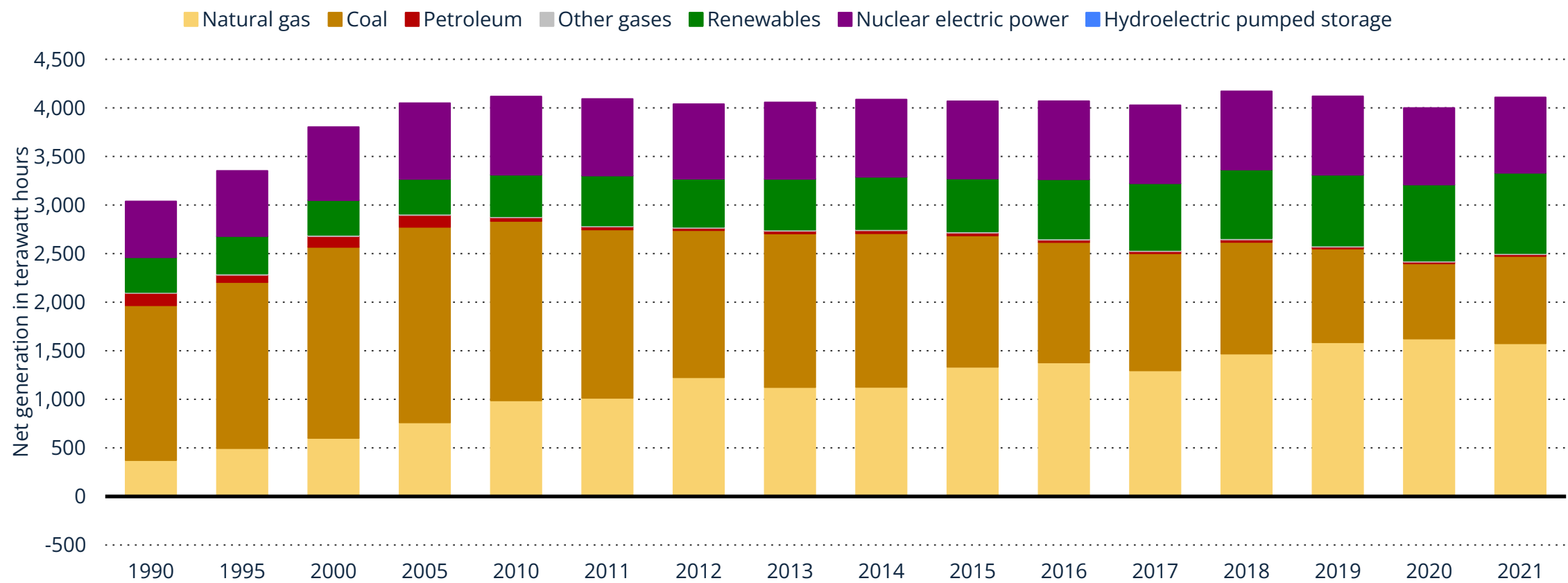
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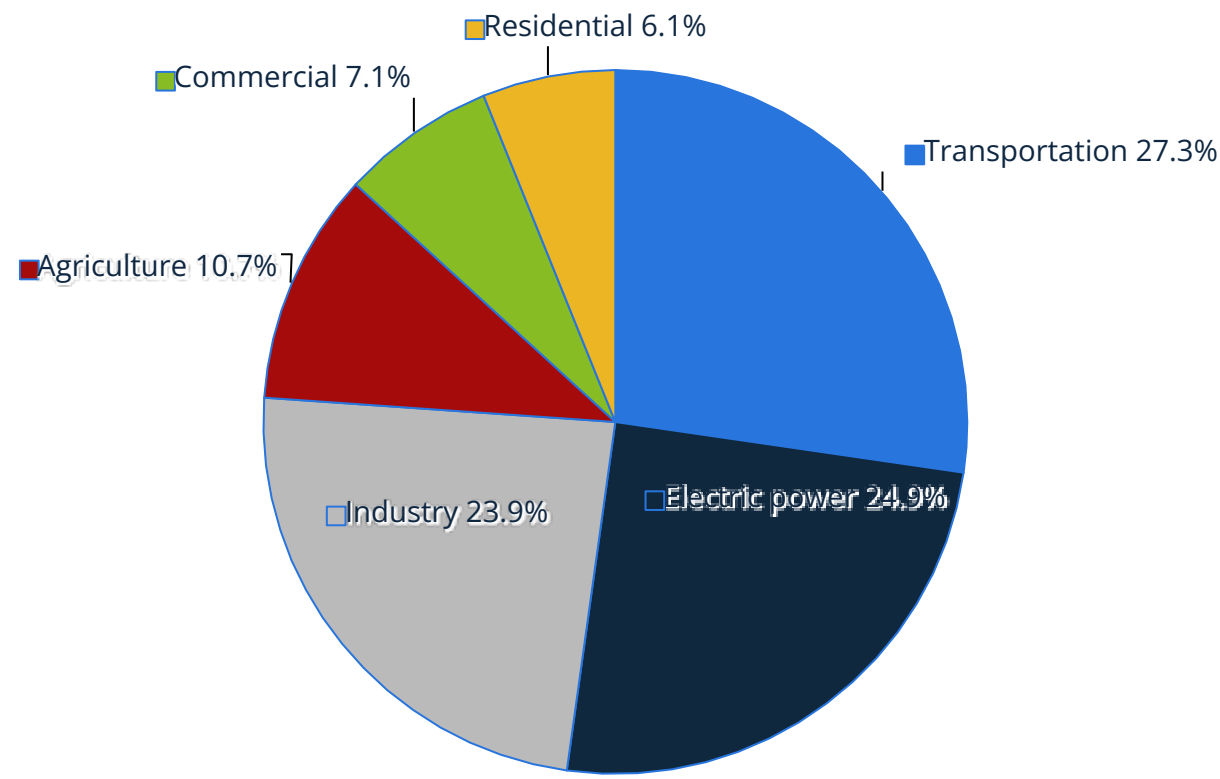
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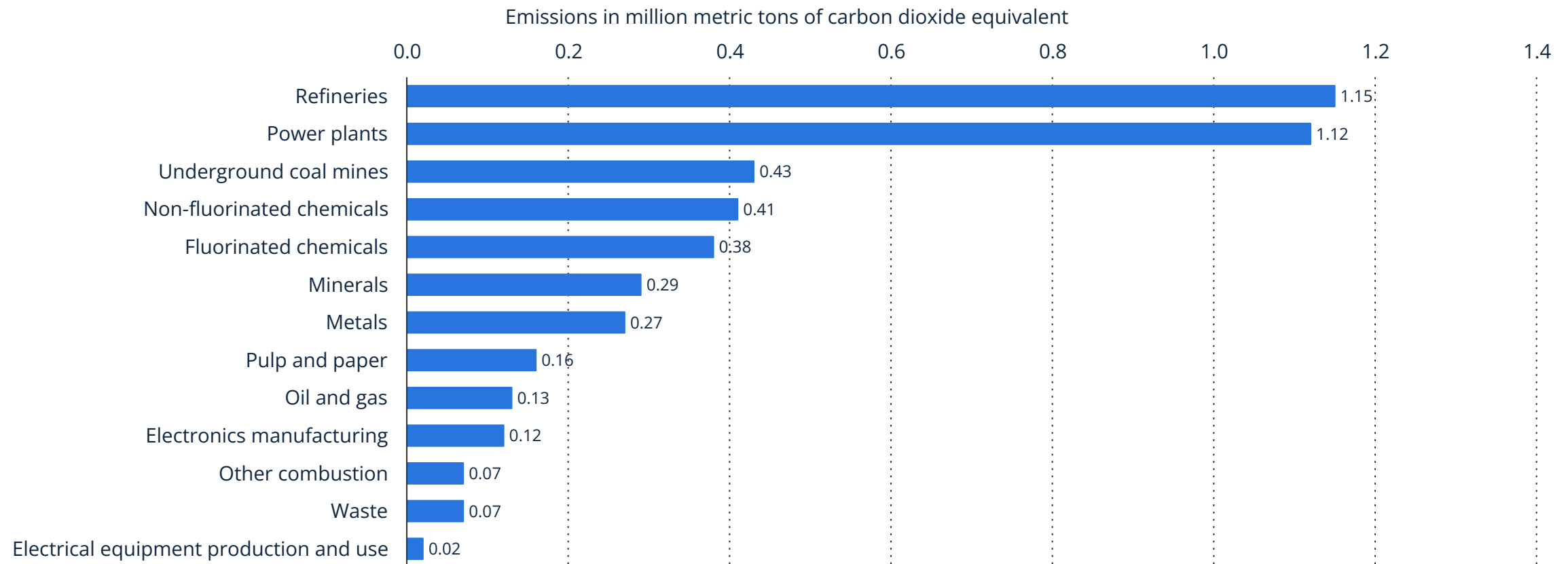
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Average greenhouse gas emissions per reporter in the U.S. 2020, by sector

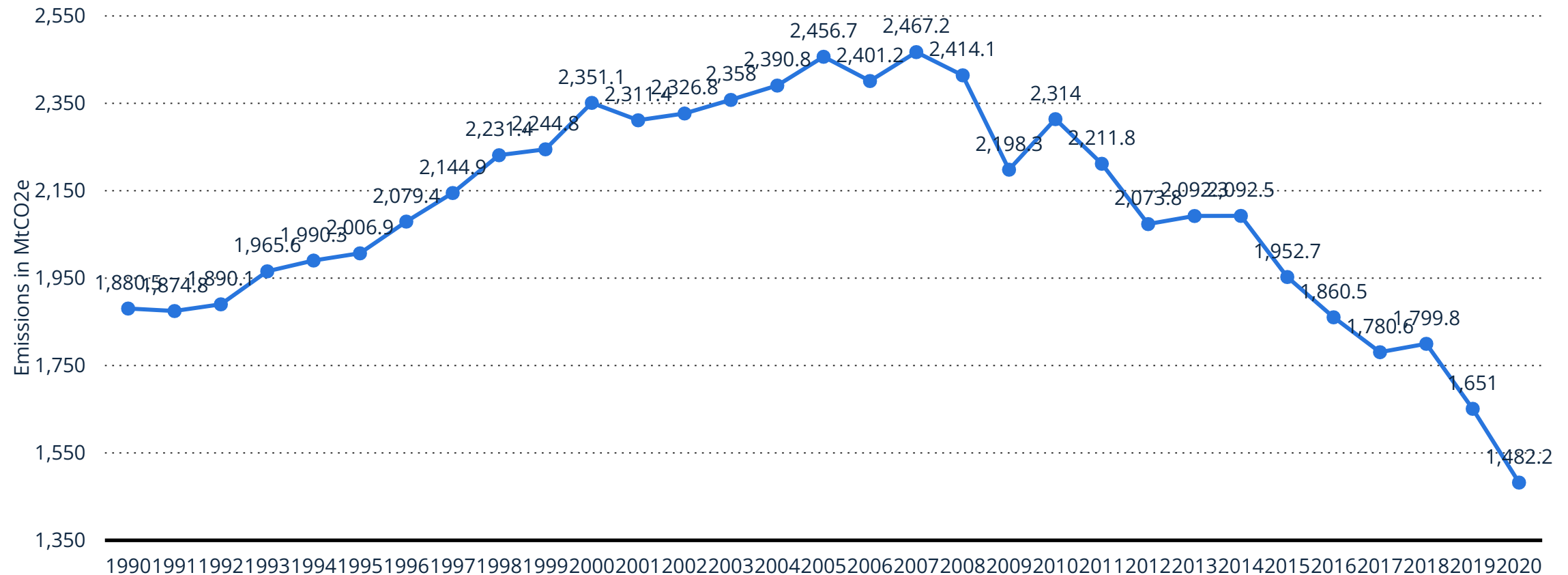


CHAPTER 02

Greenhouse gas emissions

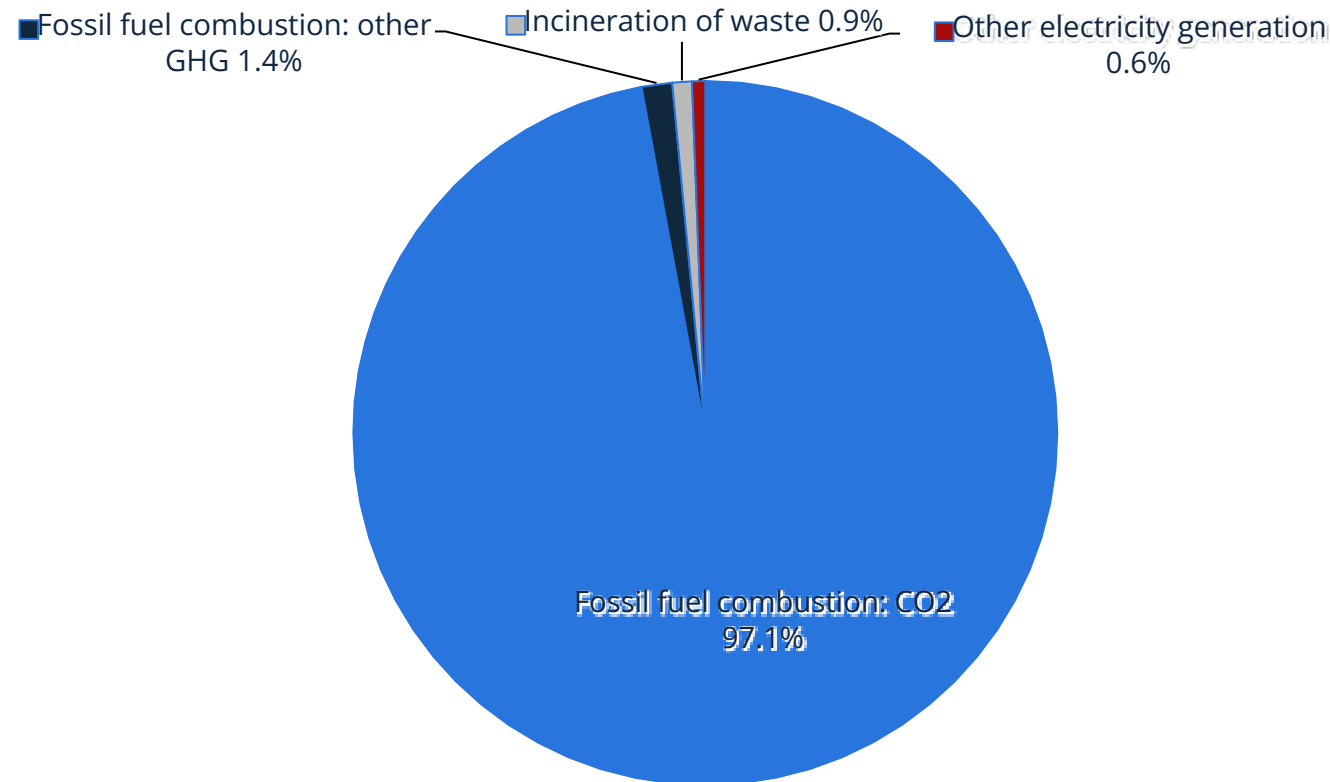
Greenhouse gas emissions from electricity generation in the United States from 1990 to 2020 (in million metric tons of carbon dioxide equivalent)

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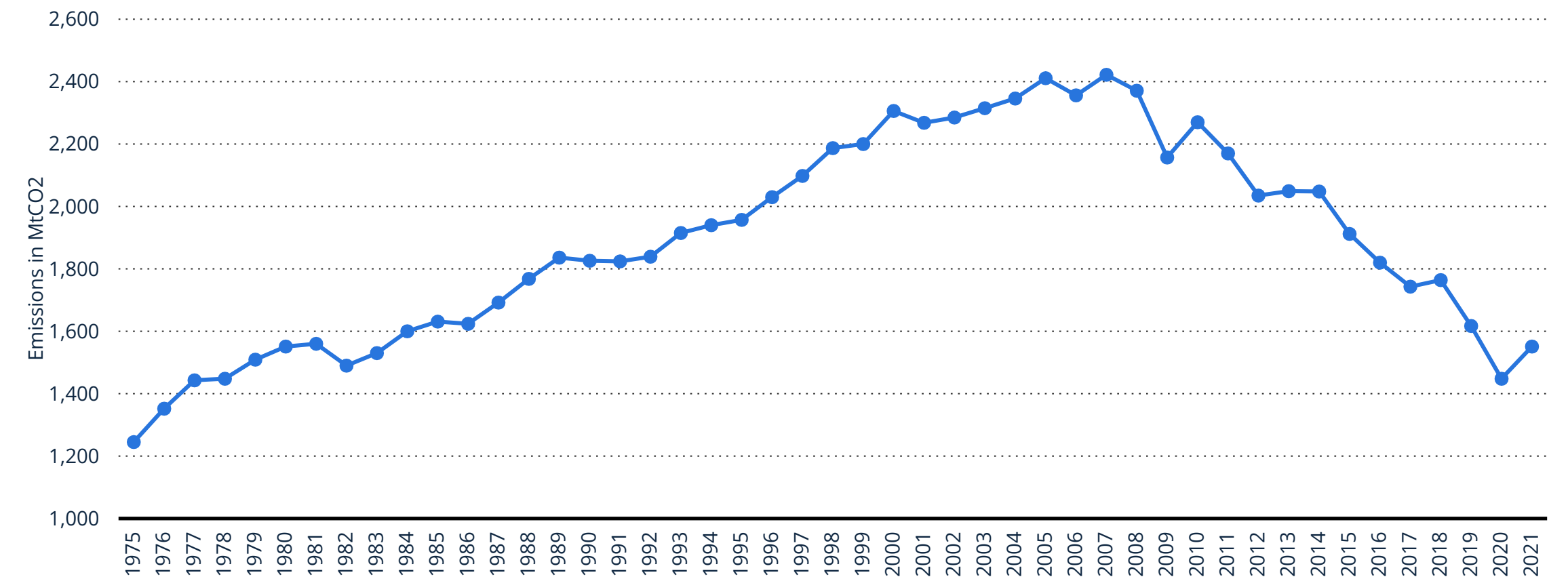
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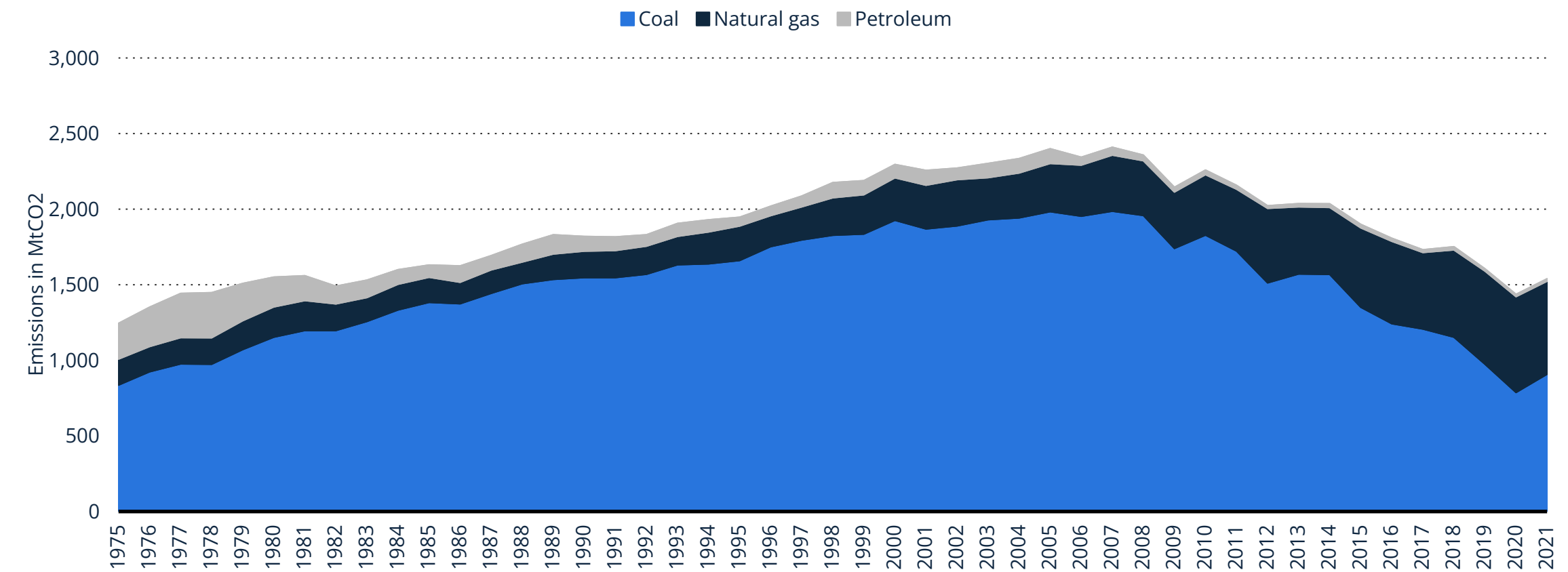
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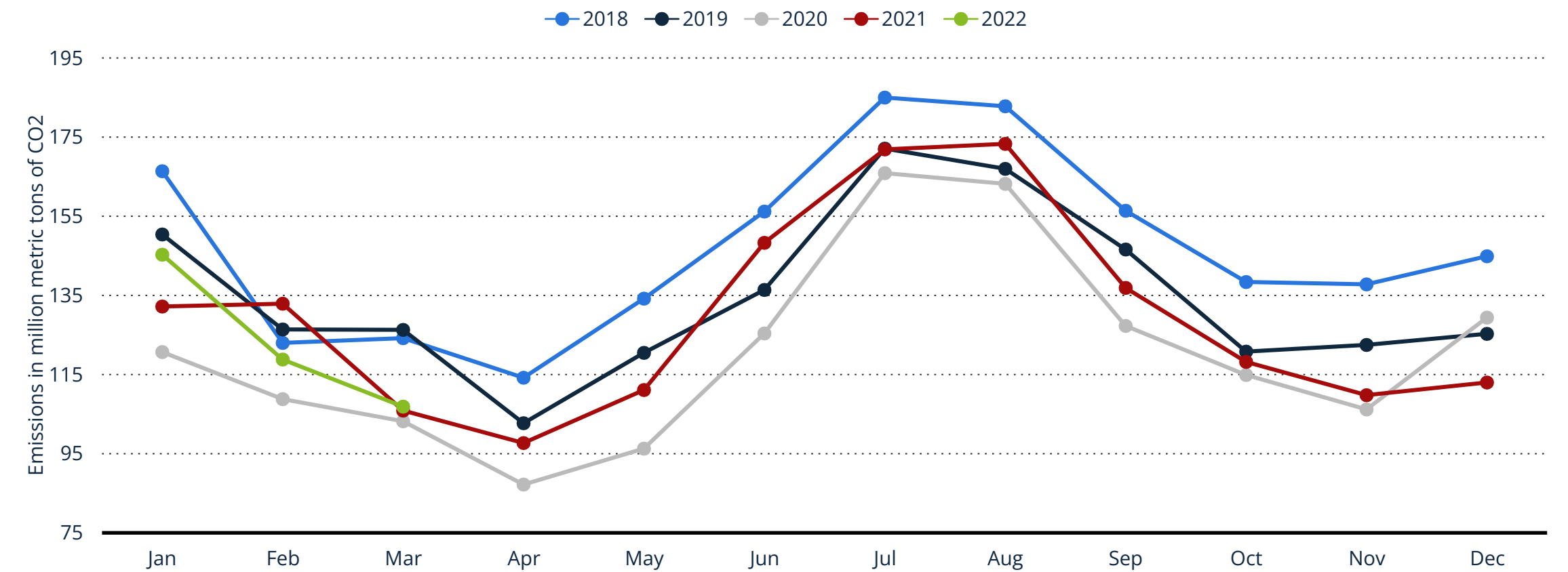
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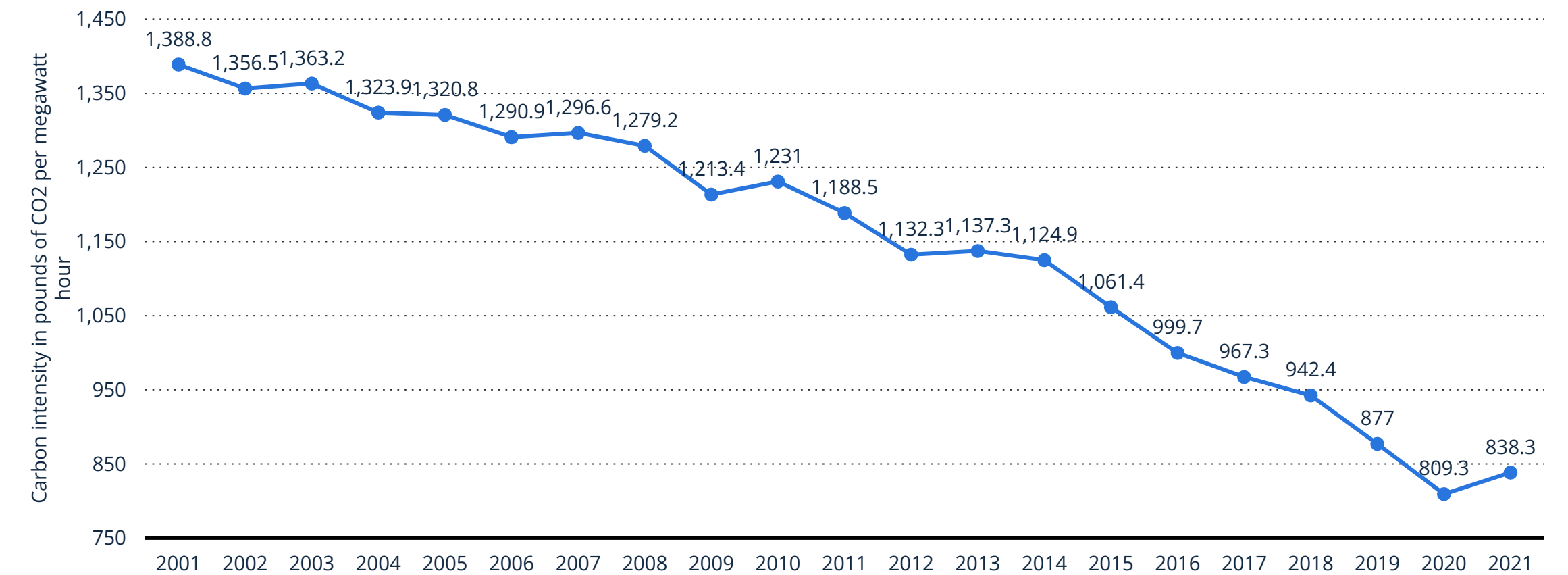
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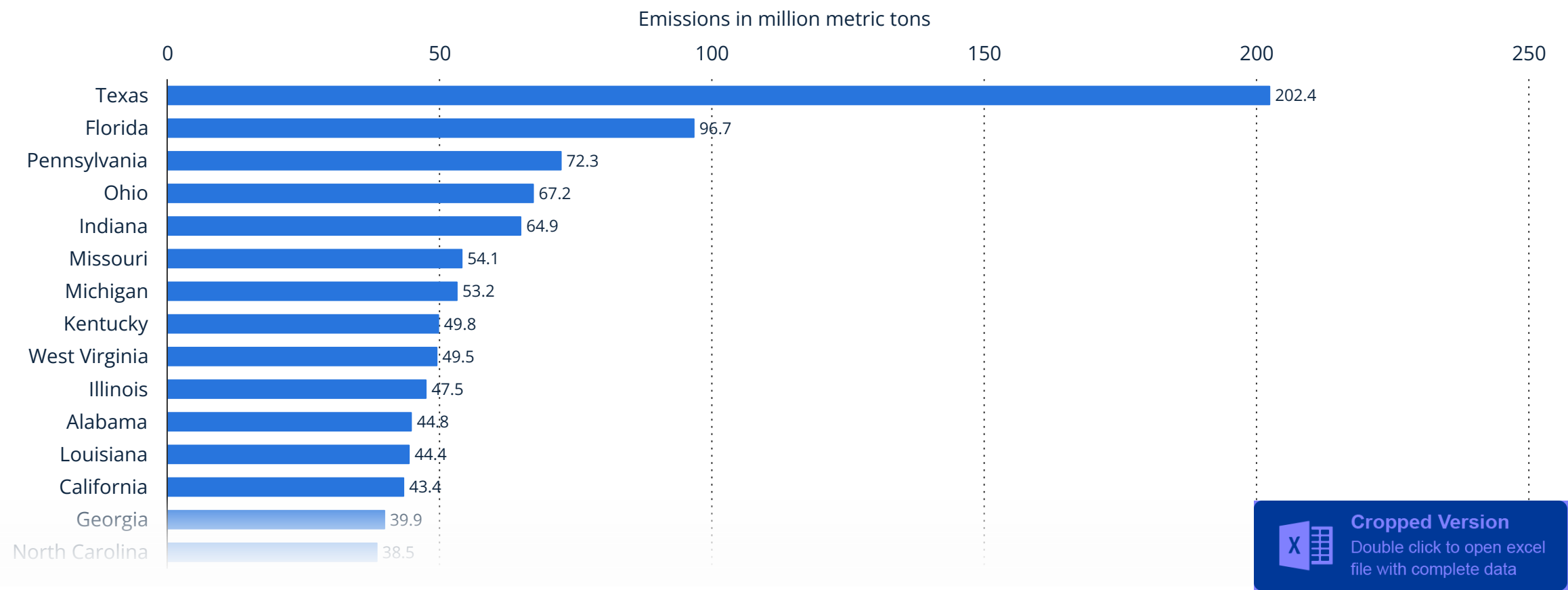


CHAPTER 03

U.S. state emissions

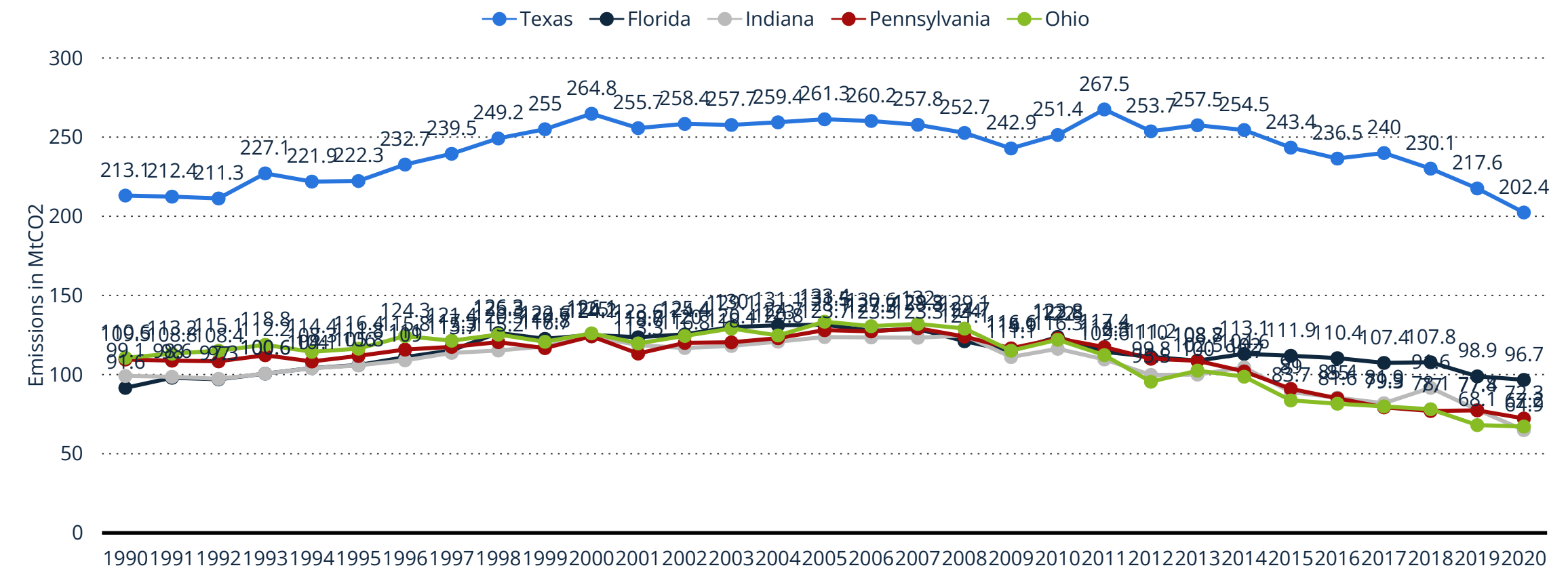
Electric power industry carbon dioxide emissions in the United States in 2020, by selected state (in million metric tons)

Electric power industry CO2 emissions in the United States 2020, by select state



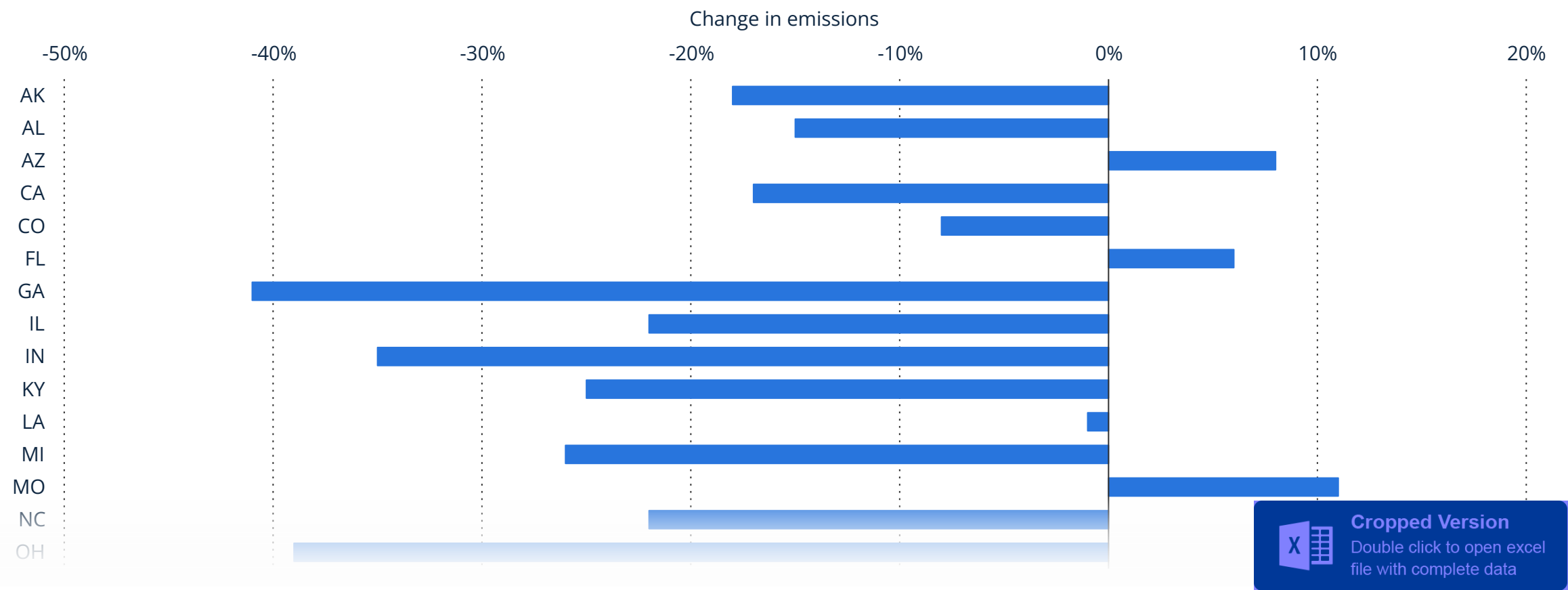
Electric power industry carbon dioxide emissions in the United States from 1990 to 2020, by selected state (in million metric tons)

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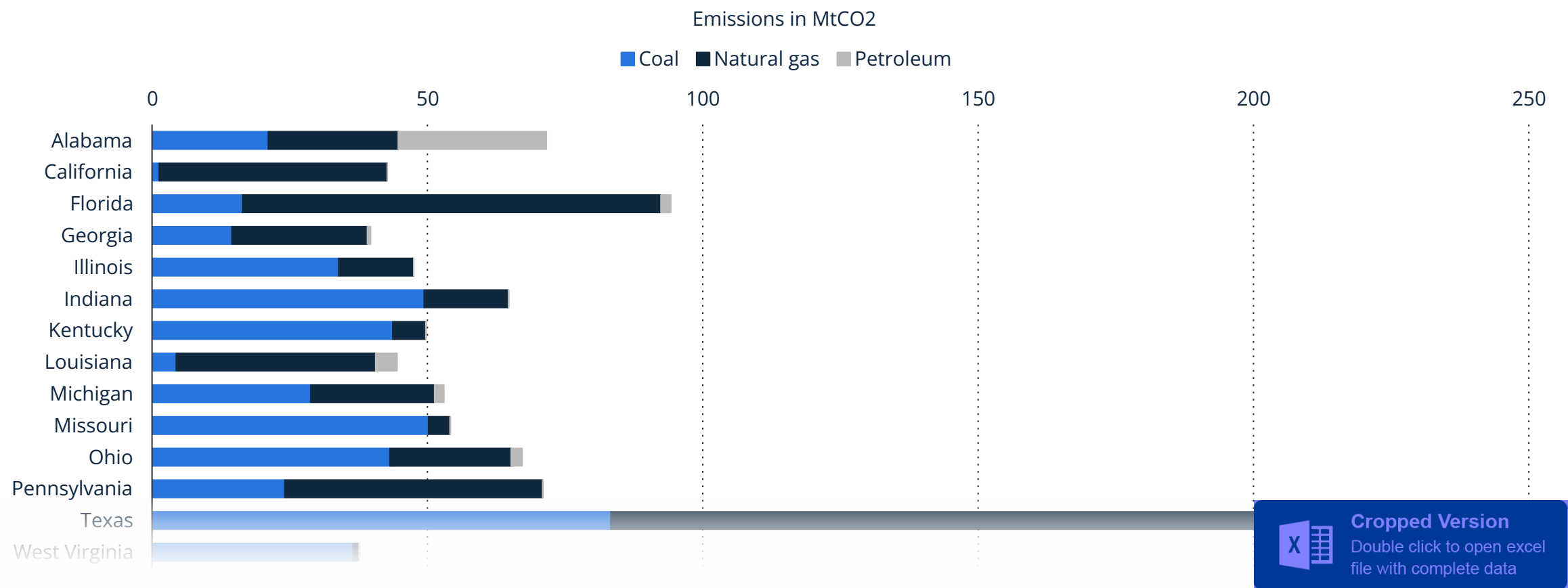
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Electric power industry carbon dioxide emissions in the United States in 2020, by selected state and fuel type (in million metric tons)

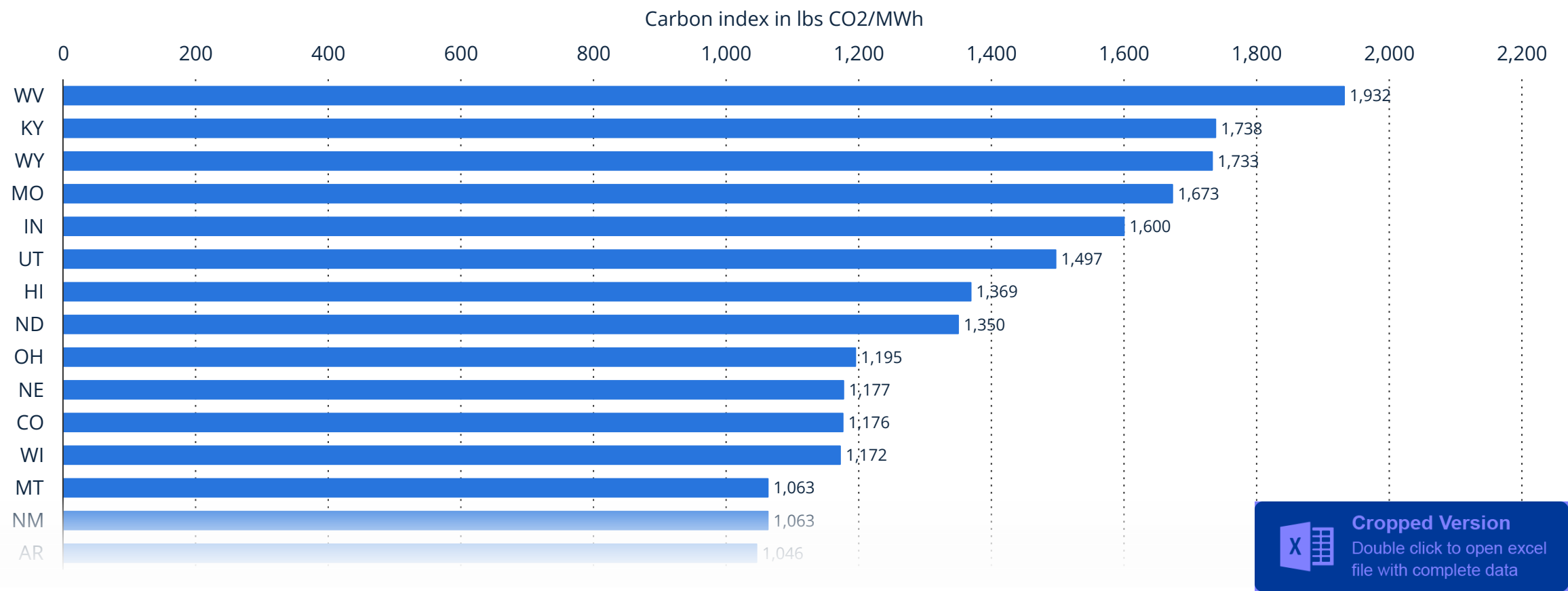
Electric power industry CO2 emissions in selected U.S. states 2020, by fuel type



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Power sector carbon intensity in the United States in 2021, by state* (in pounds of CO2 per megawatt hour)

Power sector carbon intensity in the U.S. 2021, by state

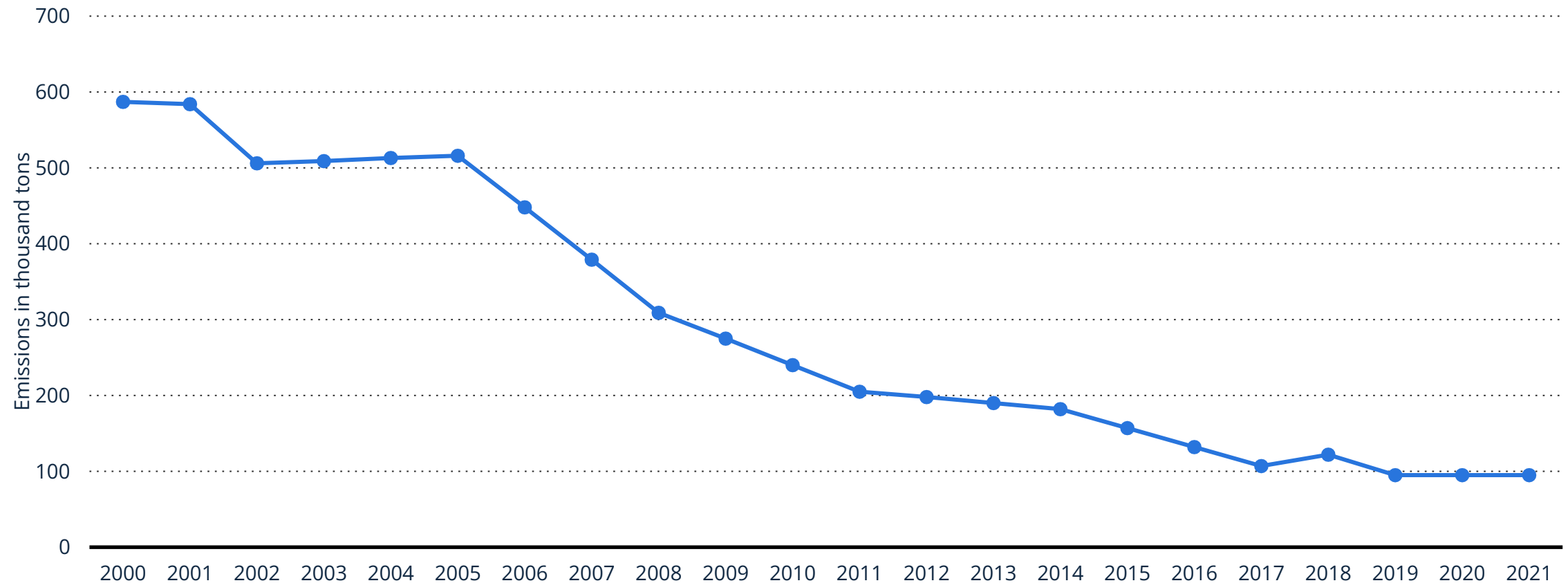


CHAPTER 04

Air pollutants

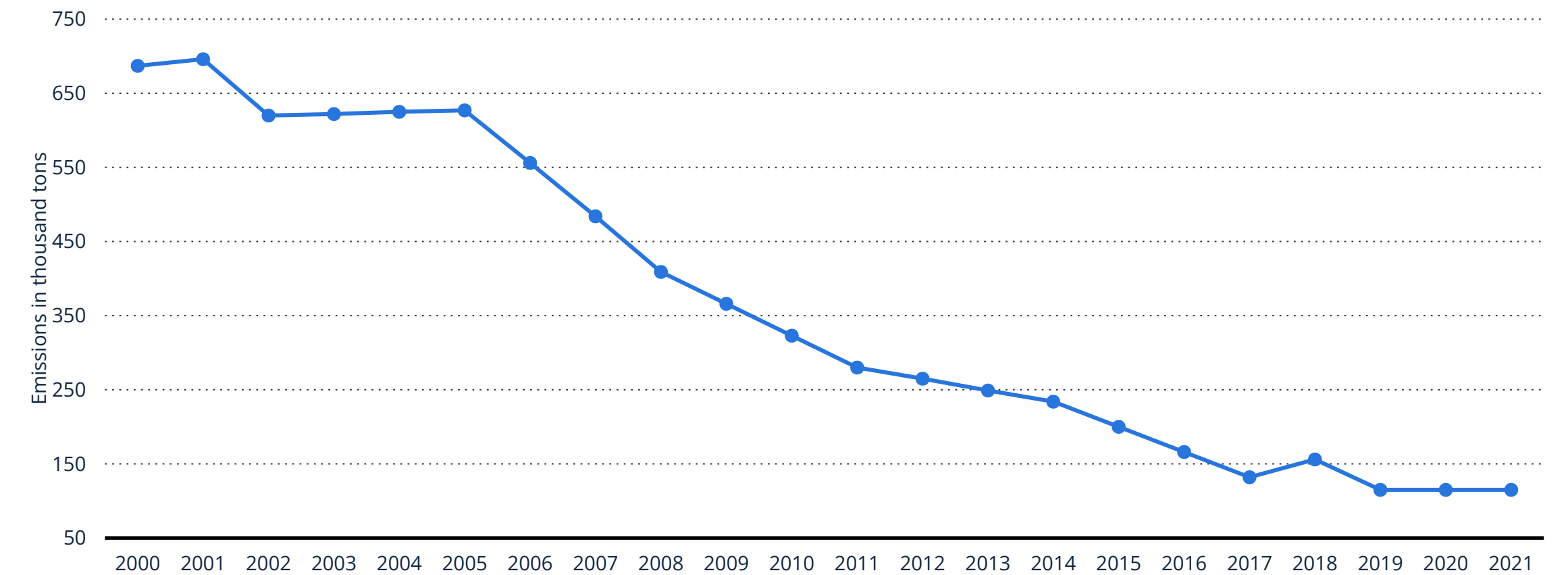
Annual PM2.5 emissions from electric utilities in the United States from 2000 to 2021 (in 1,000 tons)

Electric utility PM2.5 emissions in the U.S. 2000-2021



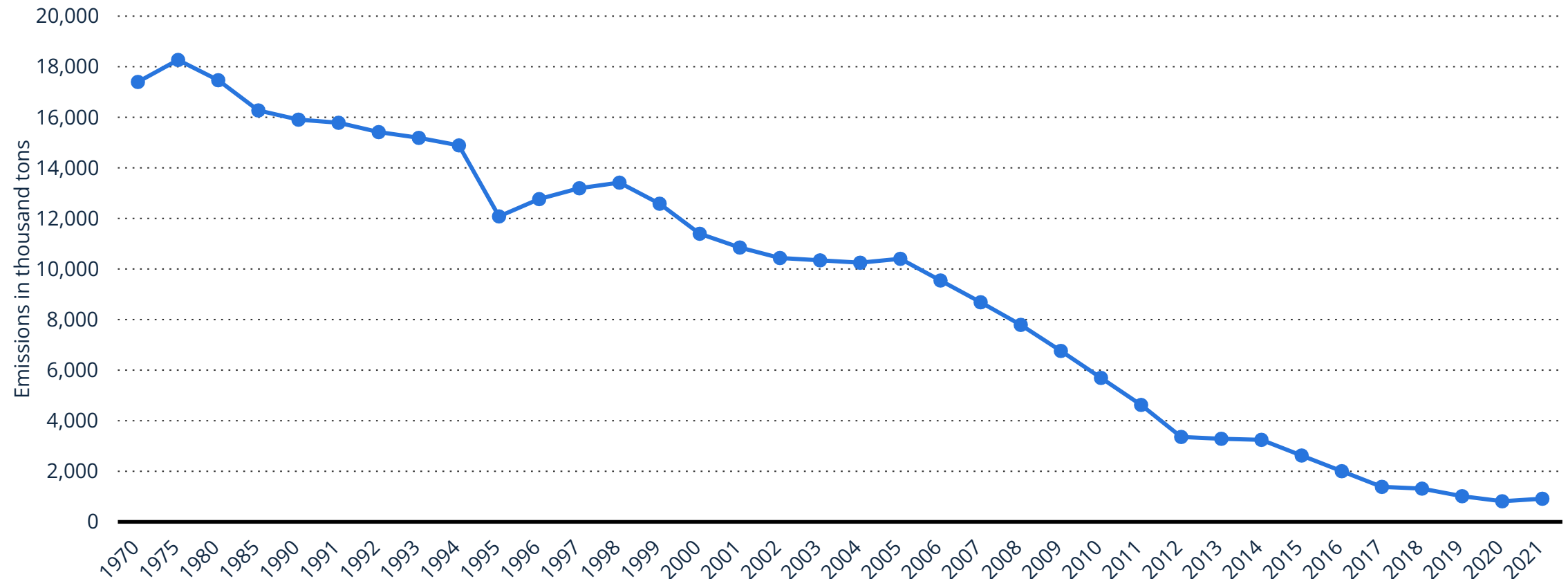
Annual PM10 emissions from electric utilities in the United States from 2000 to 2021 (in 1,000 tons)

PM10 emissions from electric utilities in the U.S. 2000-2021



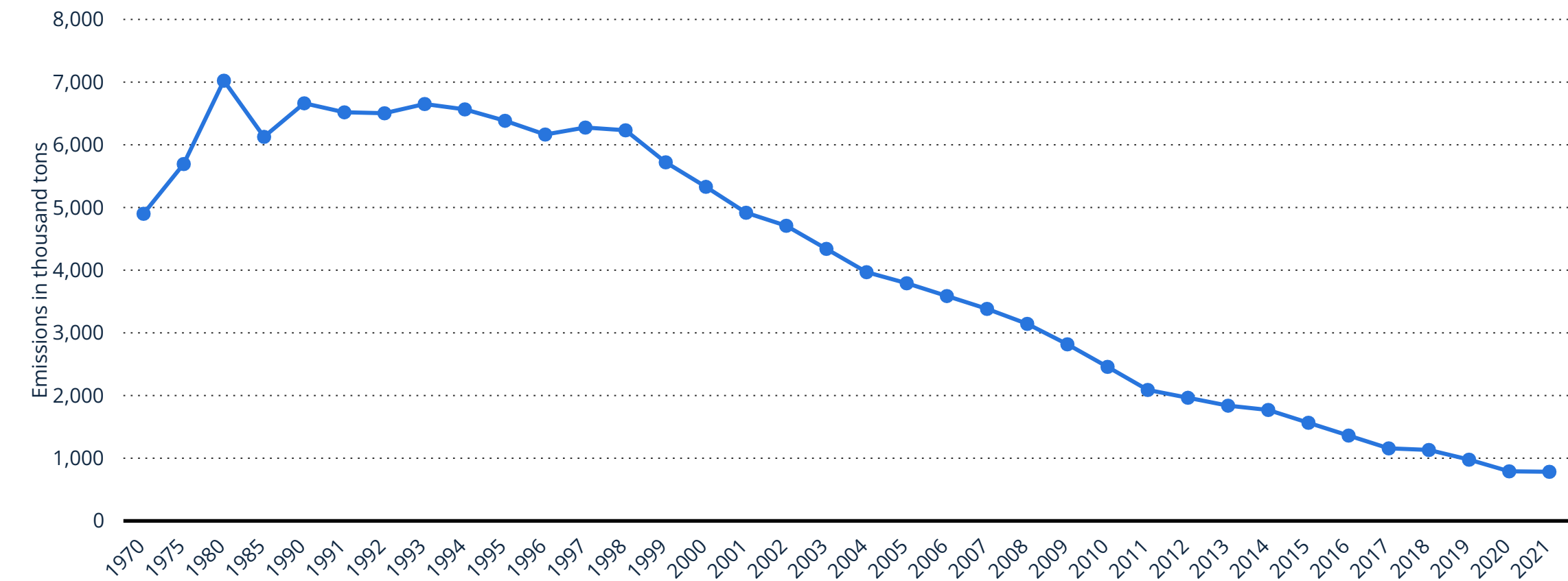
Annual sulfur dioxide (SO₂) emissions from electric utilities in the United States from 2000 to 2021 (in 1,000 tons)

SO₂ emissions from electric utilities in the U.S. 1970-2021



Annual nitrogen oxide (NOx) emissions from electric utilities in the United States from 2000 to 2021 (in 1,000 tons)

NOx emissions from electric utilities in the U.S. 1970-2021

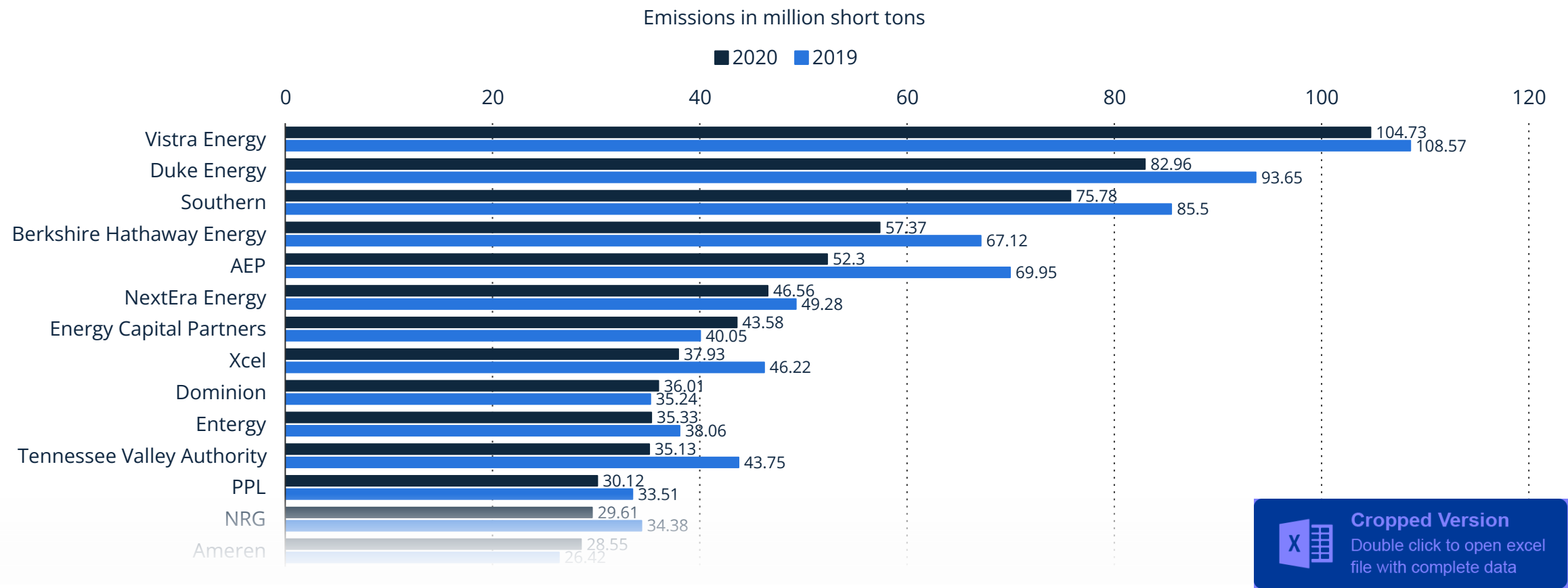


CHAPTER 05

Companies

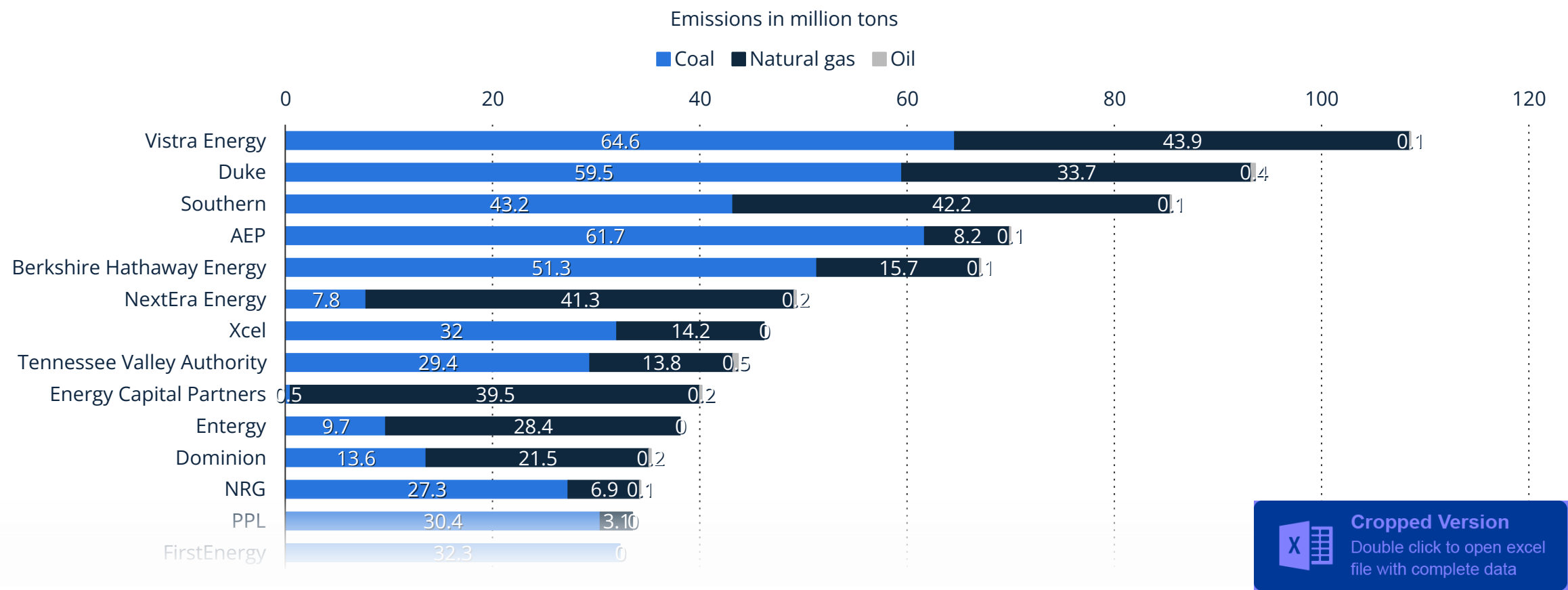
Carbon dioxide emissions from leading electric power producers in the United States in 2019 and 2020 (in million short tons)

CO₂ emissions from top power producers in the U.S. 2019-2020



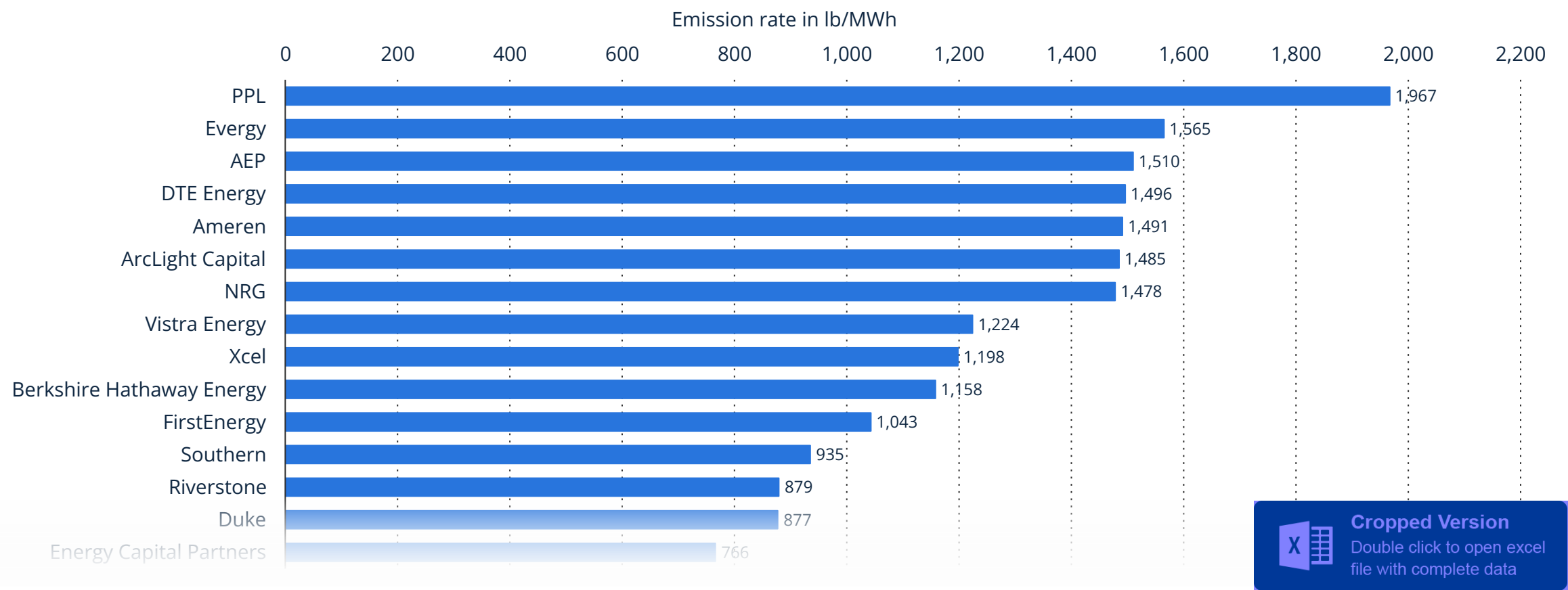
Carbon dioxide emissions from leading electric power producers in the United States in 2019, by fuel source (in million tons)

CO2 emissions from top power producers in the U.S. 2019, by fuel source



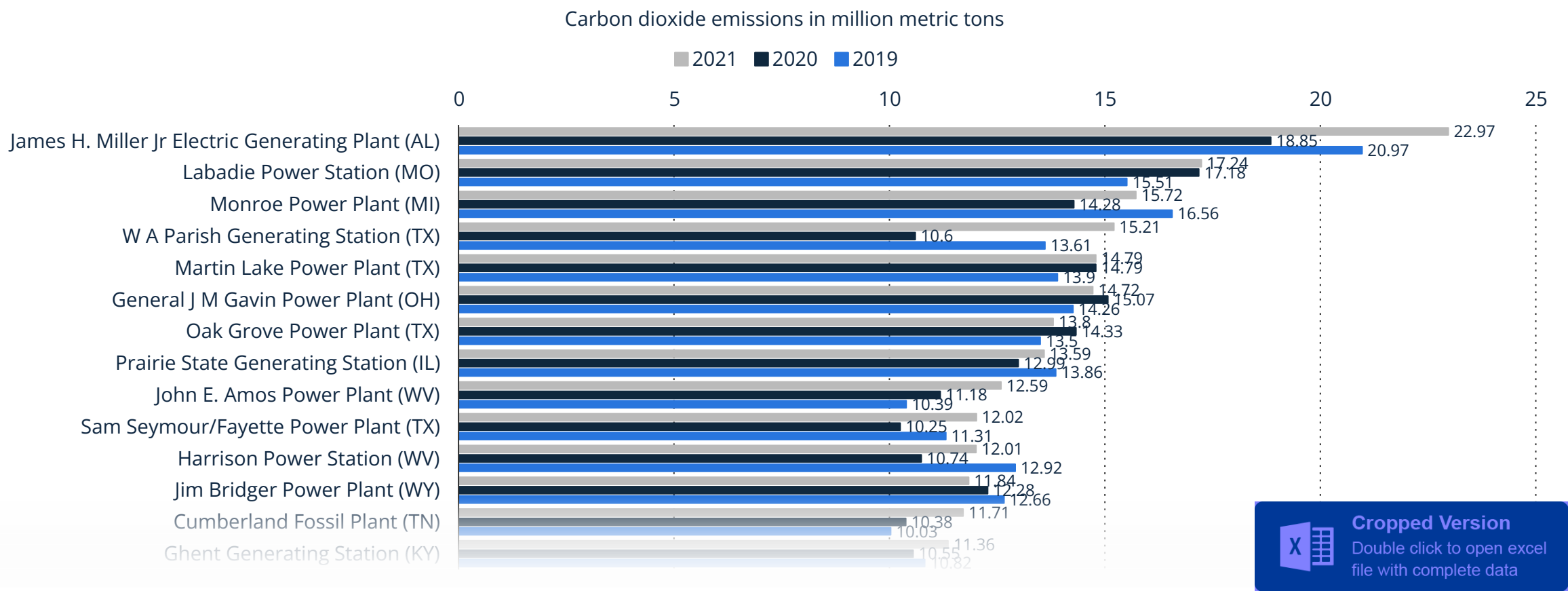
Carbon dioxide (CO2) emission rate of leading privately/investor owned power producers in the United States in 2019 (in pounds per megawatt hour)*

CO2 emission rate of leading power producers in the United States 2019



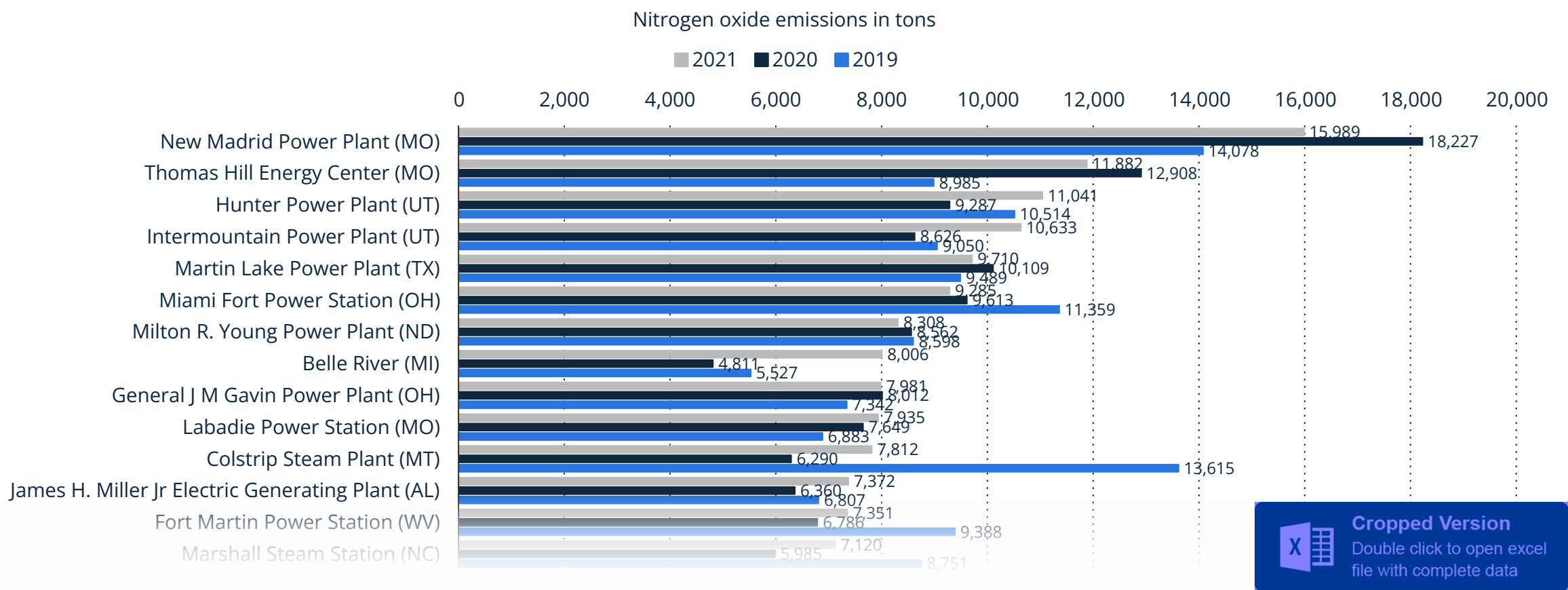
Carbon dioxide emissions from the most polluting power plants in the United States from 2019 to 2021 (in million tons)

CO2 emissions from the most polluting power plants in the U.S. 2019-2021



Largest nitrogen oxide (NOx) emissions from power plants in the United States from 2019 to 2021 (in tons)

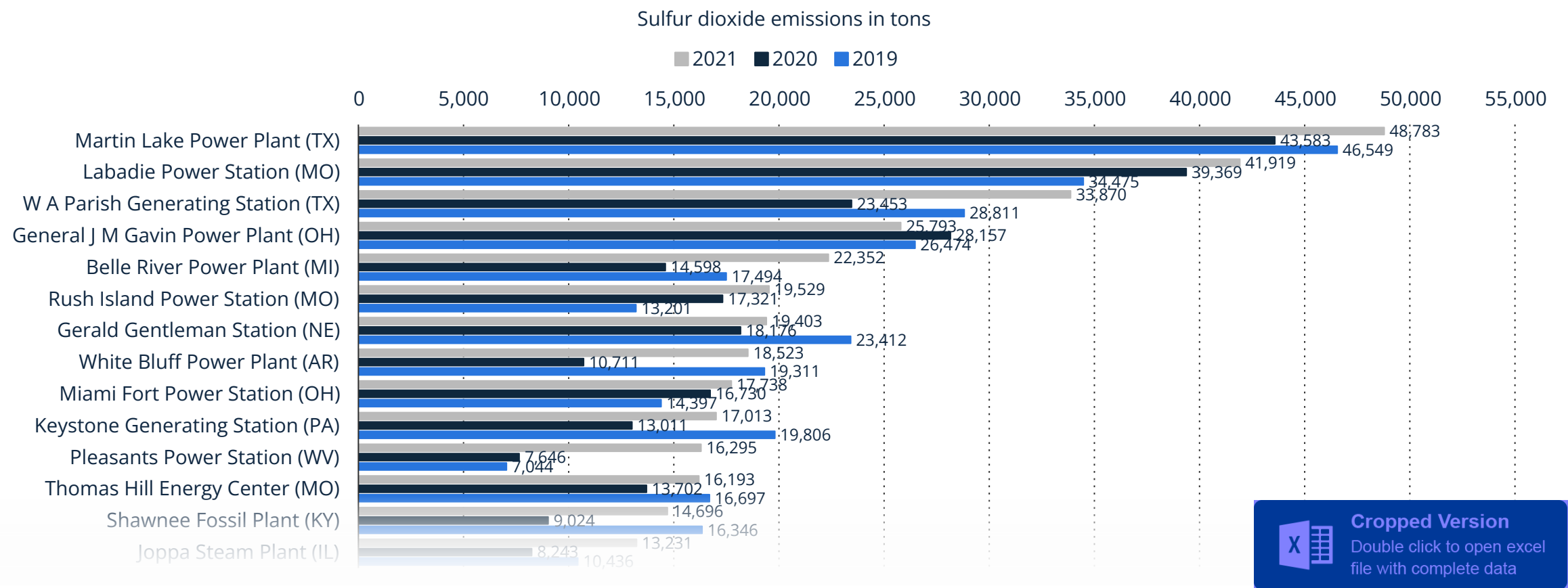
Power plant nitrogen oxide (NOx) emissions in the U.S. 2019-2021, by facility




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Largest sulfur dioxide (SO2) emissions from power plants in the United States from 2019 to 2021 (in tons)

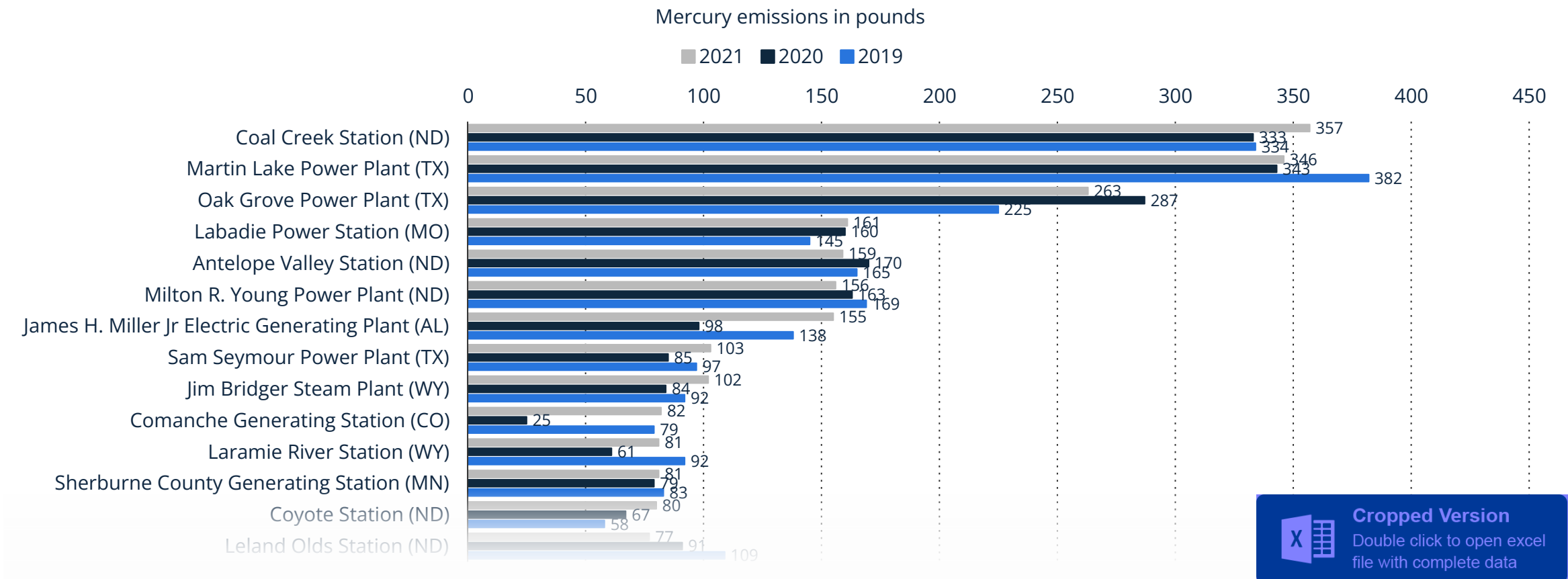
Power plant sulfur dioxide (SO2) emissions in the U.S. 2019-2021, by facility



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Largest mercury (Hg) emissions from power plants in the United States from 2019 to 2021 (in pounds)

Power plant mercury emissions in the U.S. 2019-2021, by facility



Sources

Ceres
EIA
Ember
Environmental Protection Agency
IEA
MJB&A
Scott Institute for Energy Innovation