



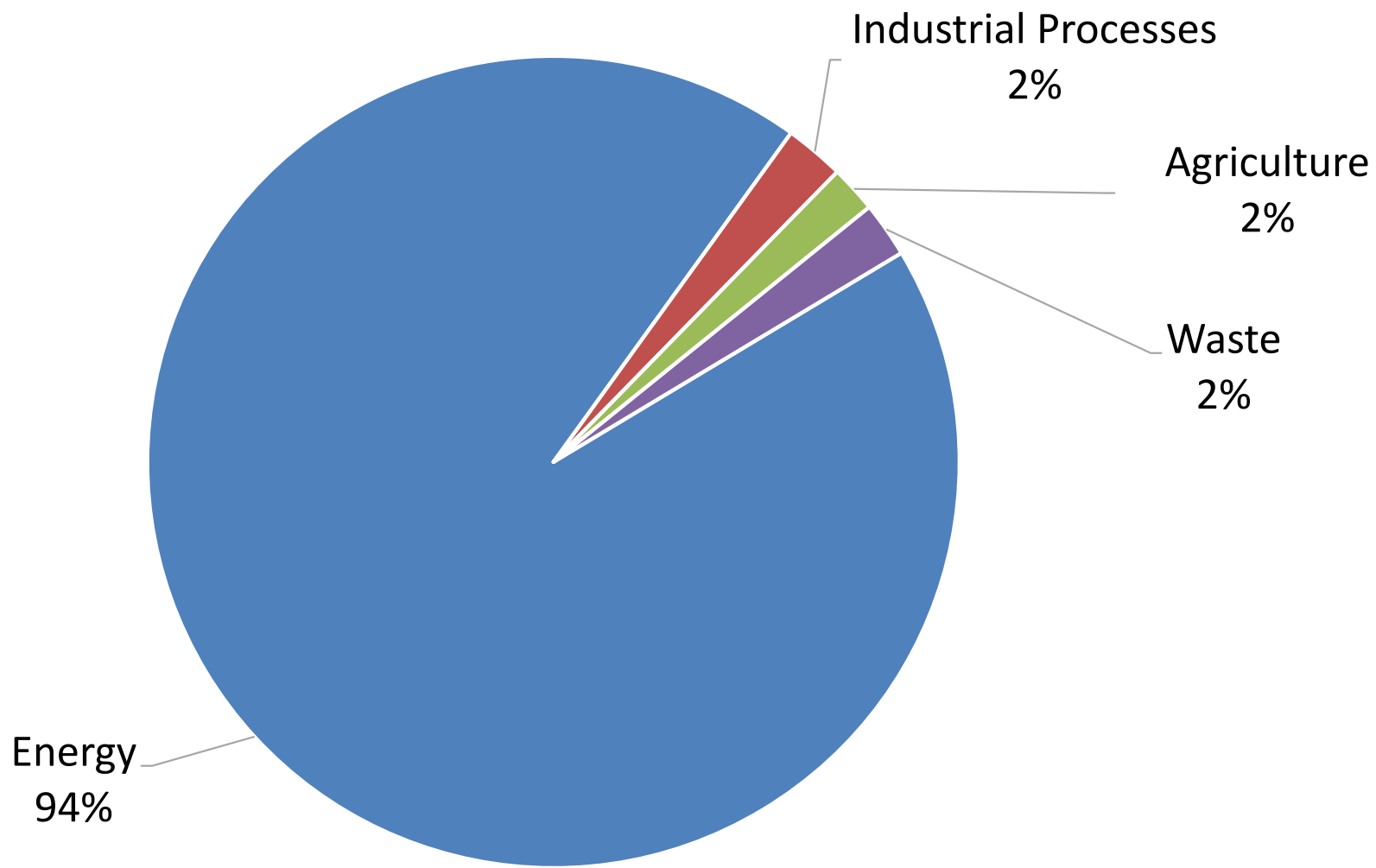
1990-2021 Industrial Sector Greenhouse Gas Emissions

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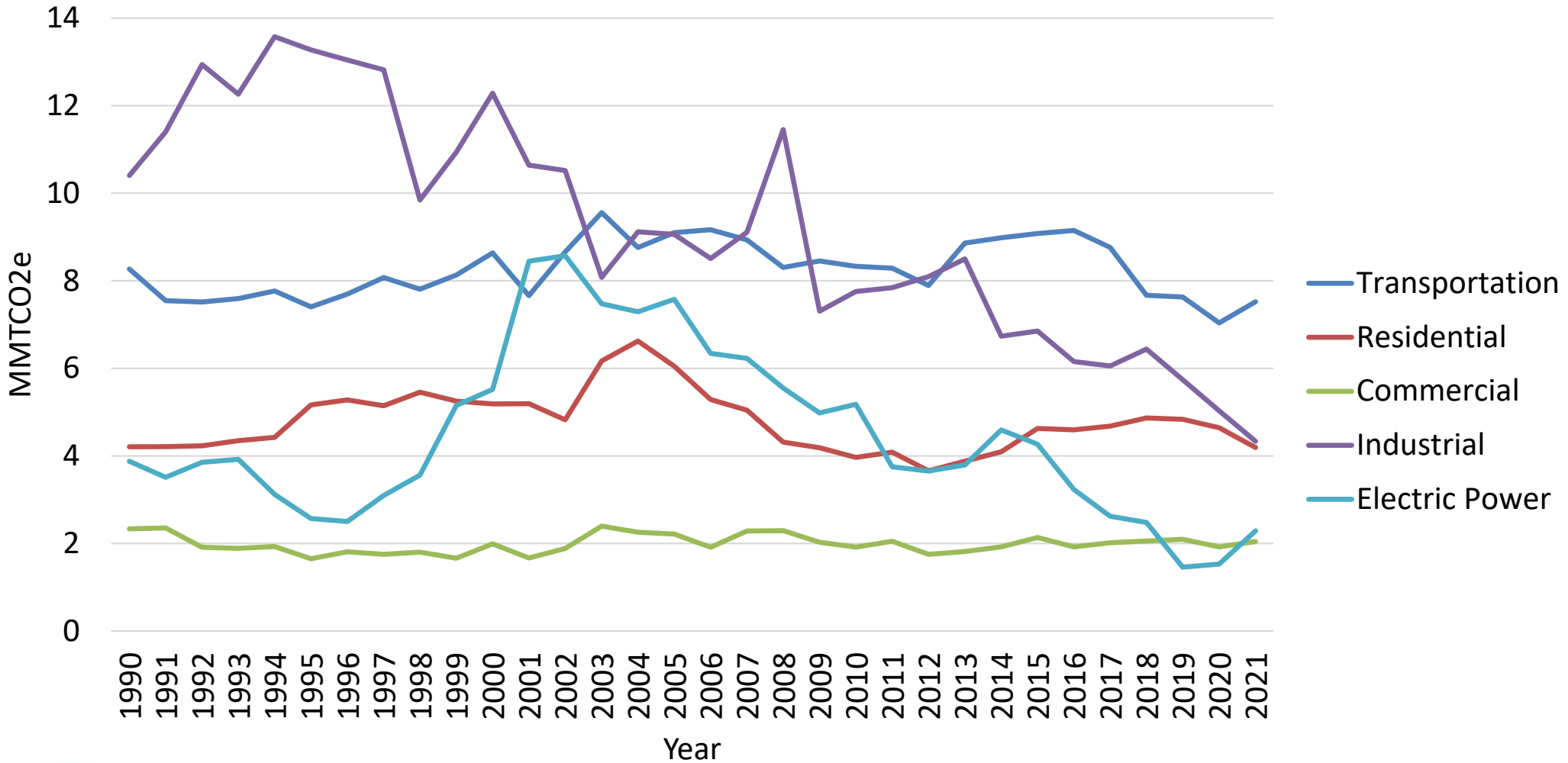
Protecting Maine's Air, Land and Water

Gross emissions by source category (2021, including biogenic)

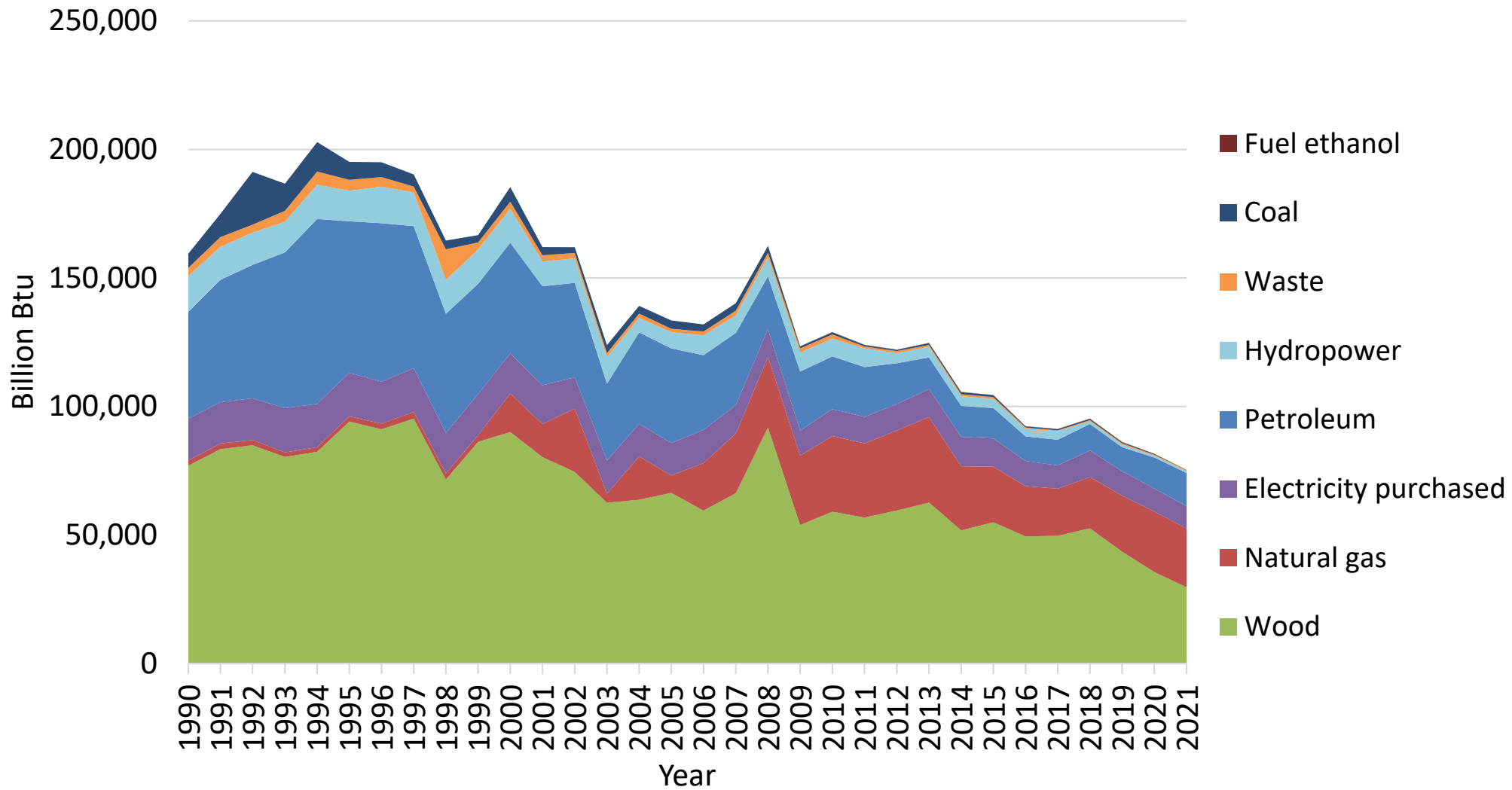


Energy sector emissions

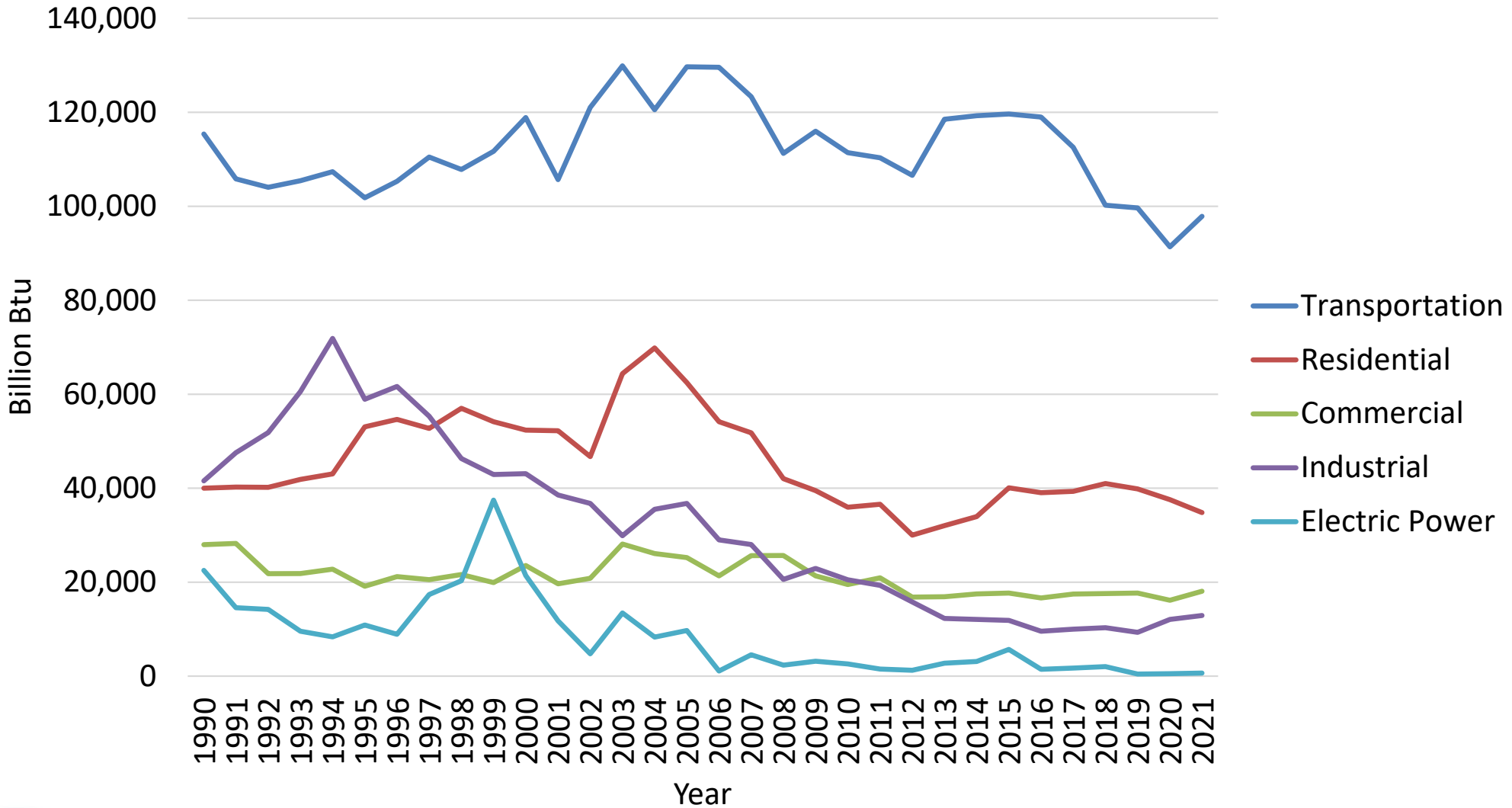
(within energy source category, including biogenic)



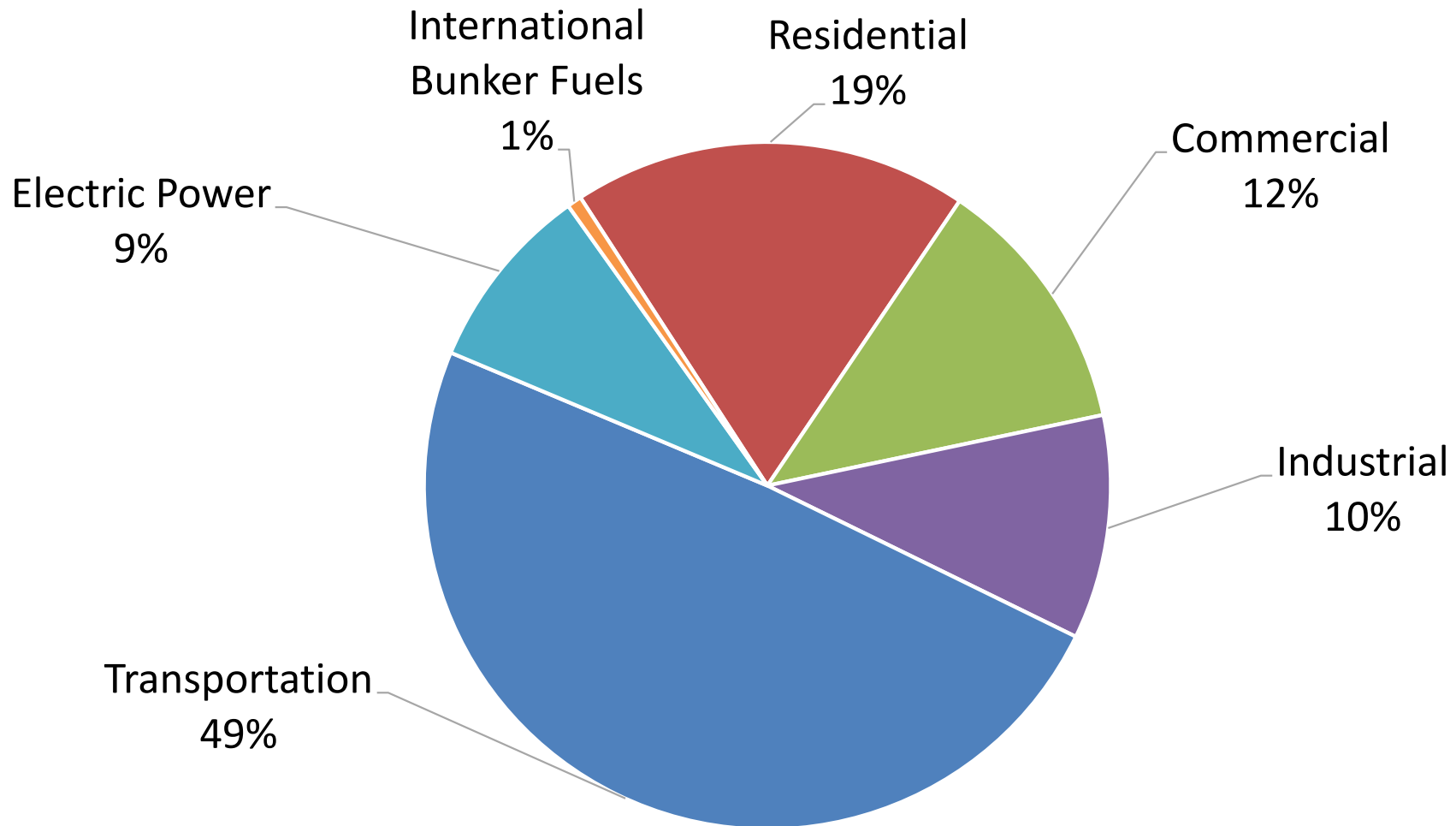
Energy consumption in the industrial sector



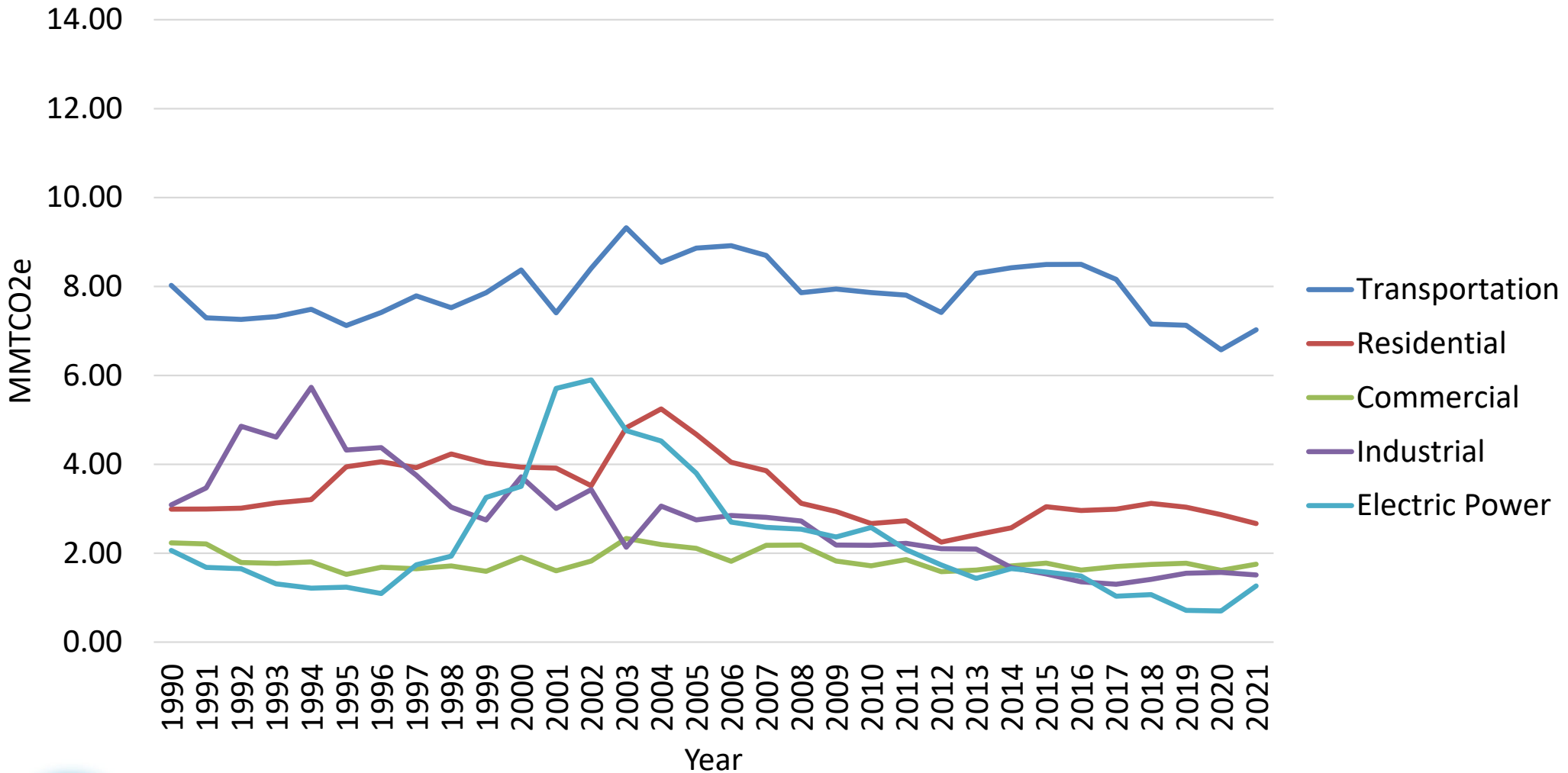
Petroleum consumption by sector



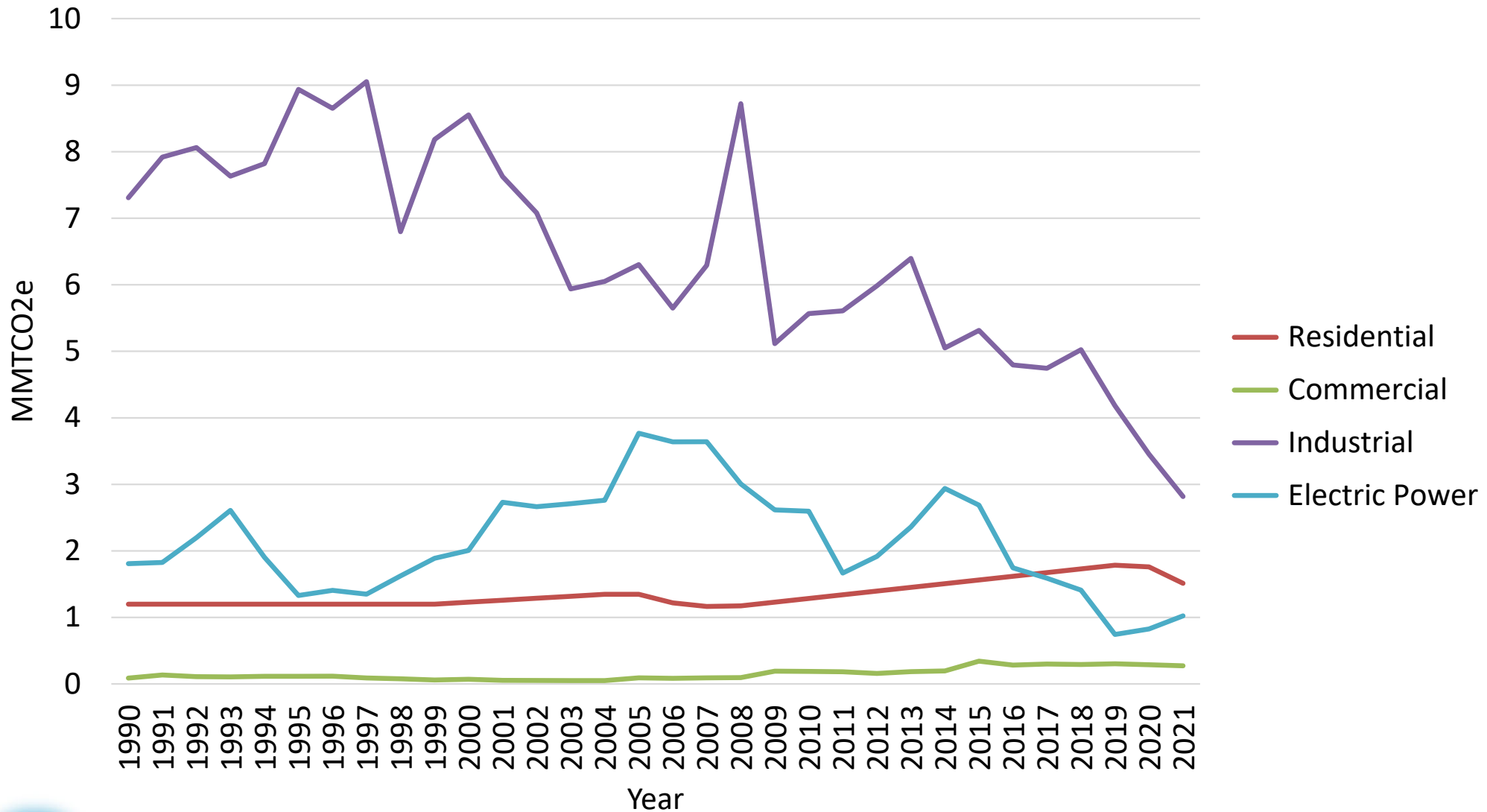
CO₂ emissions from fossil fuel combustion by sector (2021)



CO₂ emissions from combustion of fossil fuels by energy sector



Wood emissions by energy sector



Industrial Emissions

(Appendix Table A4)

	1990	2000	2010	2015	2019	2020	2021
GROSS GHG EMISSIONS	31.39	36.29	29.02	28.55	23.37	21.63	21.93
ENERGY SECTOR EMISSIONS	29.10	33.62	27.15	26.97	21.76	20.16	20.38
Industrial energy sector total	10.41	12.29	7.76	6.85	5.74	5.03	4.33
Fossil fuel combustion CO2	3.09	3.72	2.18	1.53	1.55	1.57	1.51
Fossil fuel combustion CH4 & N2O	0.01	0.01	0.00	0.00	0.00	0.00	0.00
Ethanol combustion (biogenic)	0.00	0.00	0.01	0.01	0.01	0.01	0.01
Wood combustion (biogenic)	7.31	8.55	5.57	5.31	4.18	3.46	2.82
Industrial processes	0.67	0.80	0.53	0.41	0.46	0.41	0.52



Industrial Energy Sector Highlights

- 20% of Maine's gross GHG in 2021
- 58% lower gross GHG emissions in 2021 compared to 1990
- 10% of statewide total CO2 emissions from the combustion of fossil fuels
- 69% reduction in petroleum consumption since 1990
- 35% of industrial GHG from combustion of fossil fuels (51% less than 1990)
- 22% of statewide electricity consumption
- 41% of energy consumed was from renewable sources (wood, hydropower, waste, and fuel ethanol)
- 65% of industrial GHG from combustion of biomass (61% less than 1990)





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