

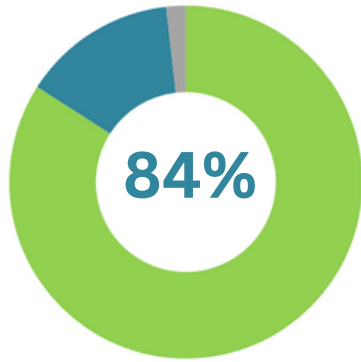
# 2022 BEU-D SUMMARY

## Town of Lexington

Issued October 2023

Lexington’s Building Energy Use Disclosure bylaw (BEU-D) requires large buildings to disclose their energy and water use to the Town. BEU-D is an effort to increase transparency of energy use and understand the potential for emission reductions from the town’s largest property owners. All buildings over 25,000 square feet and all municipal buildings fall under the reporting requirement. Together, the 95 buildings that reported their data accounted for 73,727 metric tons of carbon dioxide. That's equivalent to over 9,000 homes' energy use for a year!

### Compliance Rate



■ Compliant ■ Non-compliant ■ Exempt

### Total Square Footage



**8,524,064 sf**

### Total Emissions



**73,727 MtCO2e\***

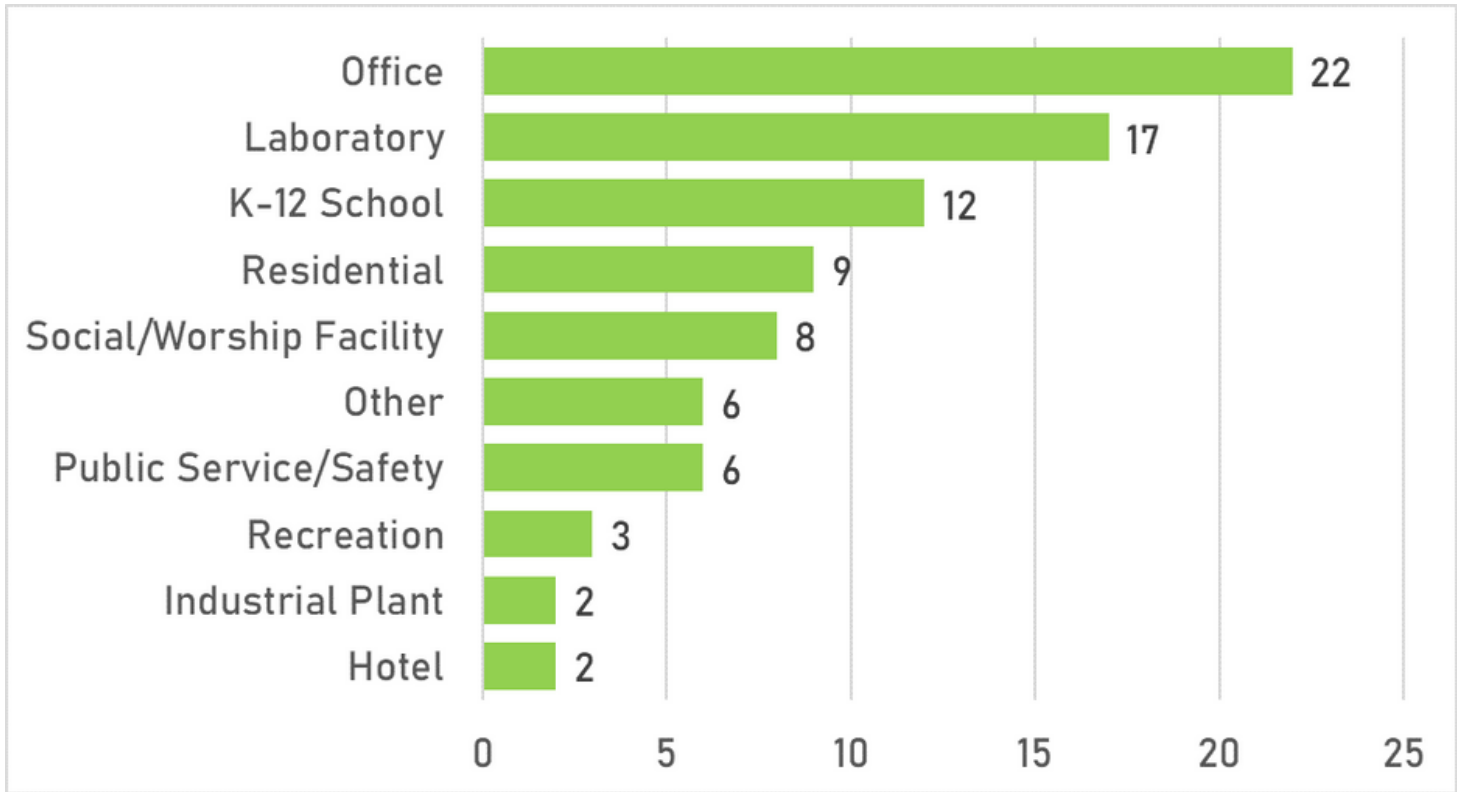
\*99,139 MtCO2e when including associated gas leaks

## BEU-D Buildings Data At a Glance

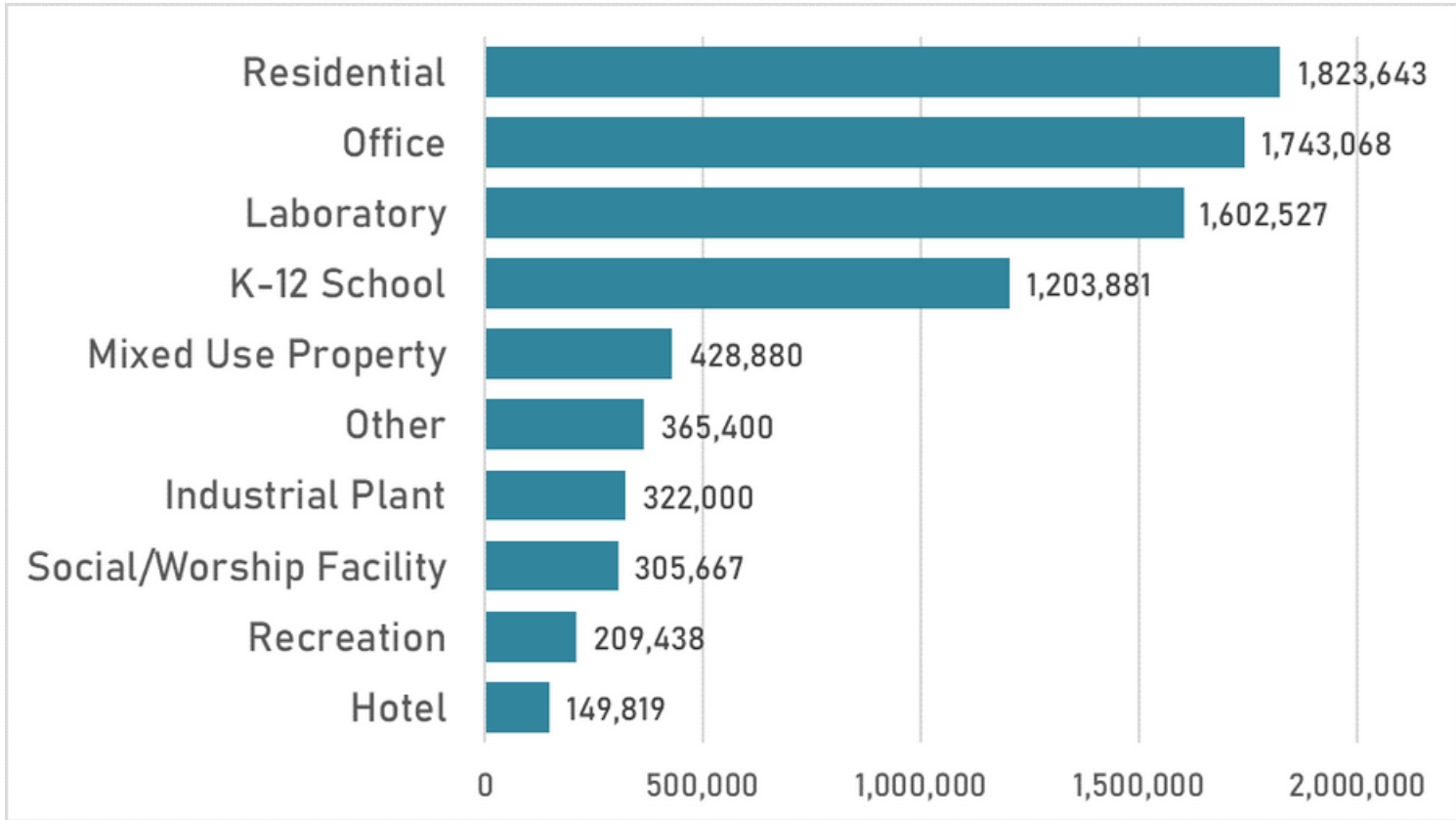
	Minimum	Maximum	Median	Average	Total
GFA (square feet)	1,221*	576,098	59,000	89,727	8,524,064
GHG Emissions (MtCO2e)	1	8,942	309	784	73,727
Electricity Use (kWh)	708	15,832,430	716,294	1,613,038	151,625,574
Natural Gas Use (therms)	0	792,947	20,668	57,988	5,450,898
Energy Use Intensity (kBtu/square foot/year)	0.2	757.1	67.6	121.4	
Water use (kgal)	2	28,527	666	2,037	175,225

\*The smallest building is less than 25,000 square feet because the bylaw requires reporting for all municipal buildings, as well as any building on the same parcel as a building larger than 25,000 square feet.

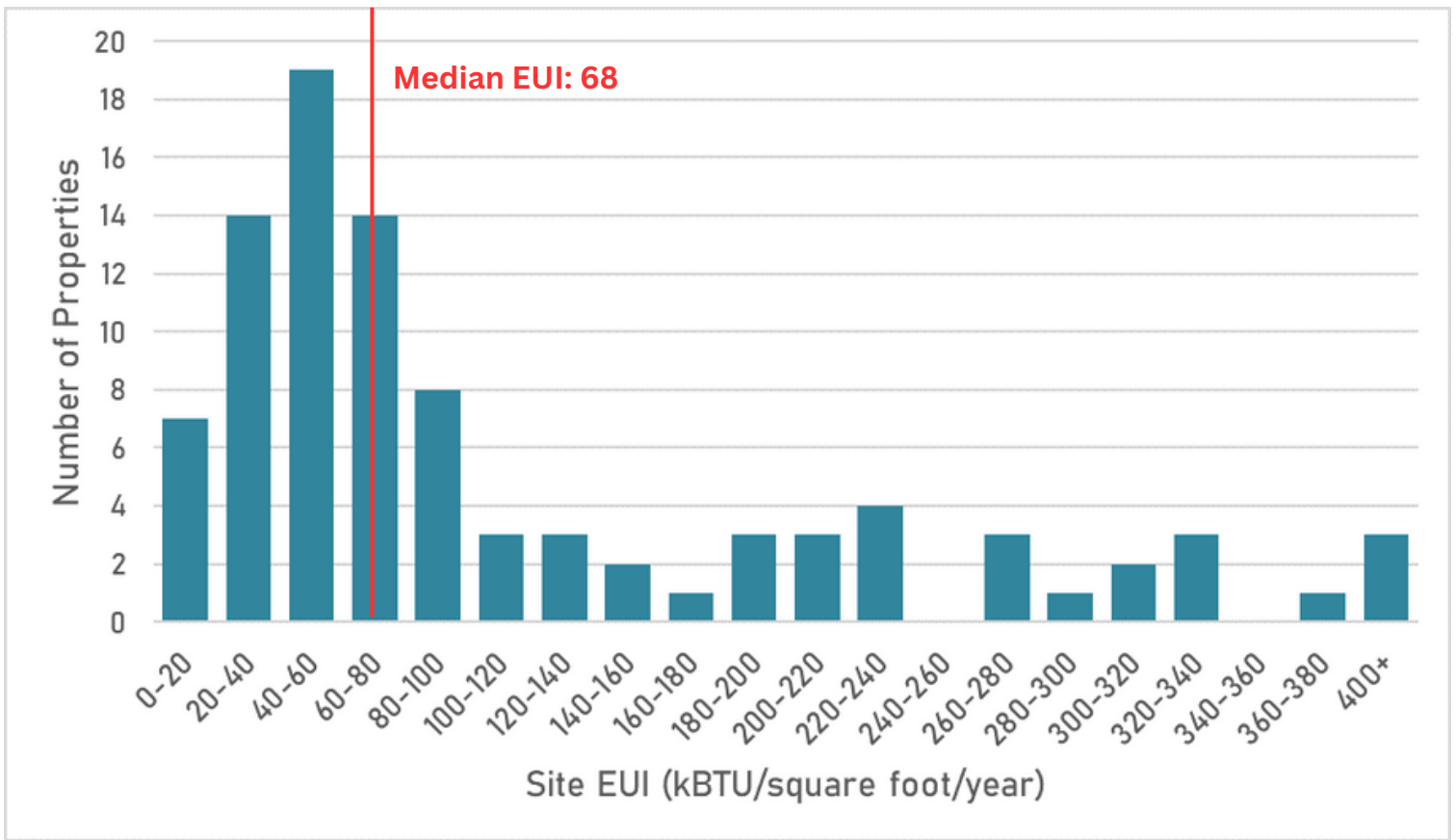
# Number of Buildings by Property Type (Top 10)



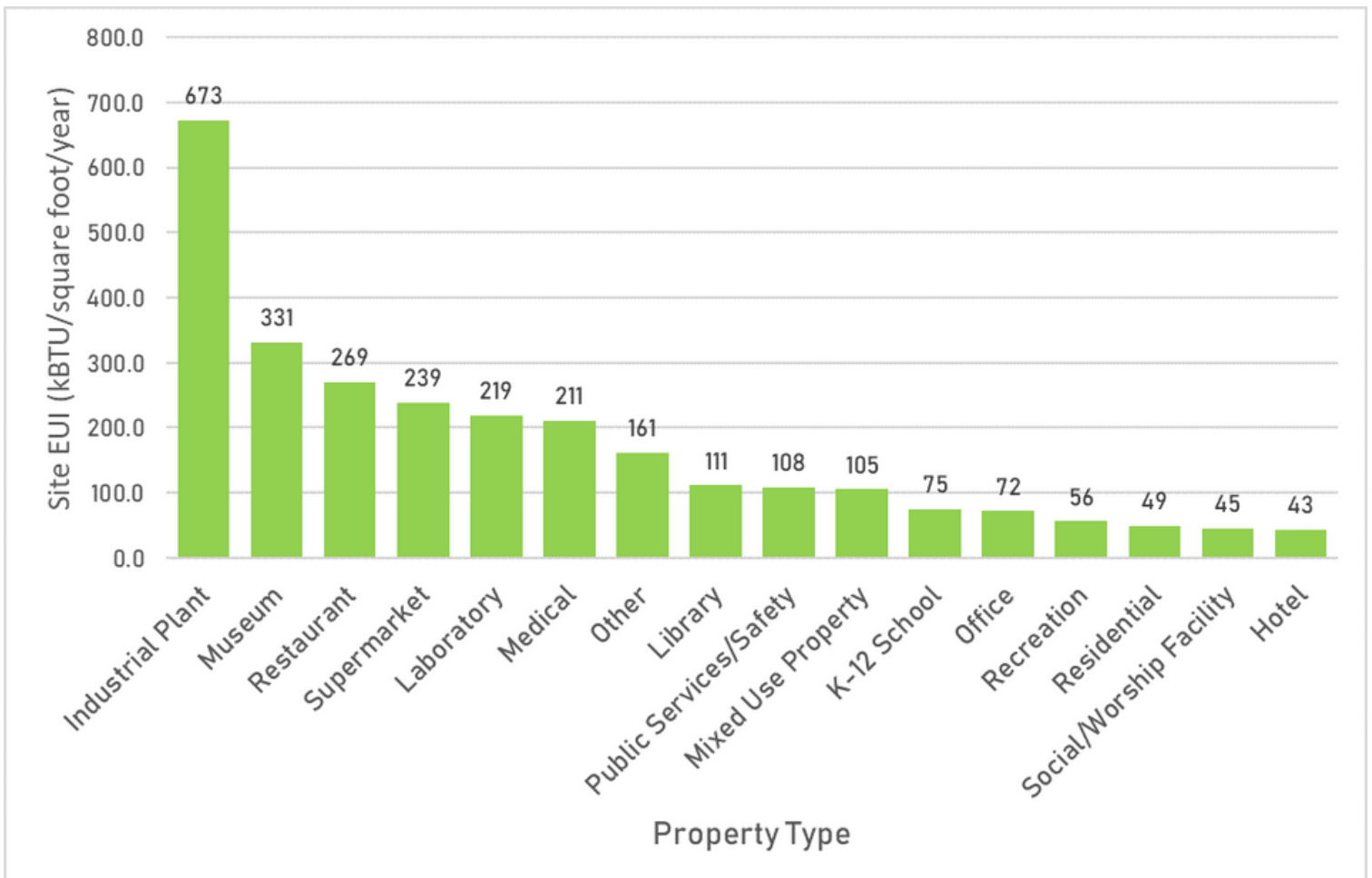
# Gross Floor Area by Property Type (Top 10)



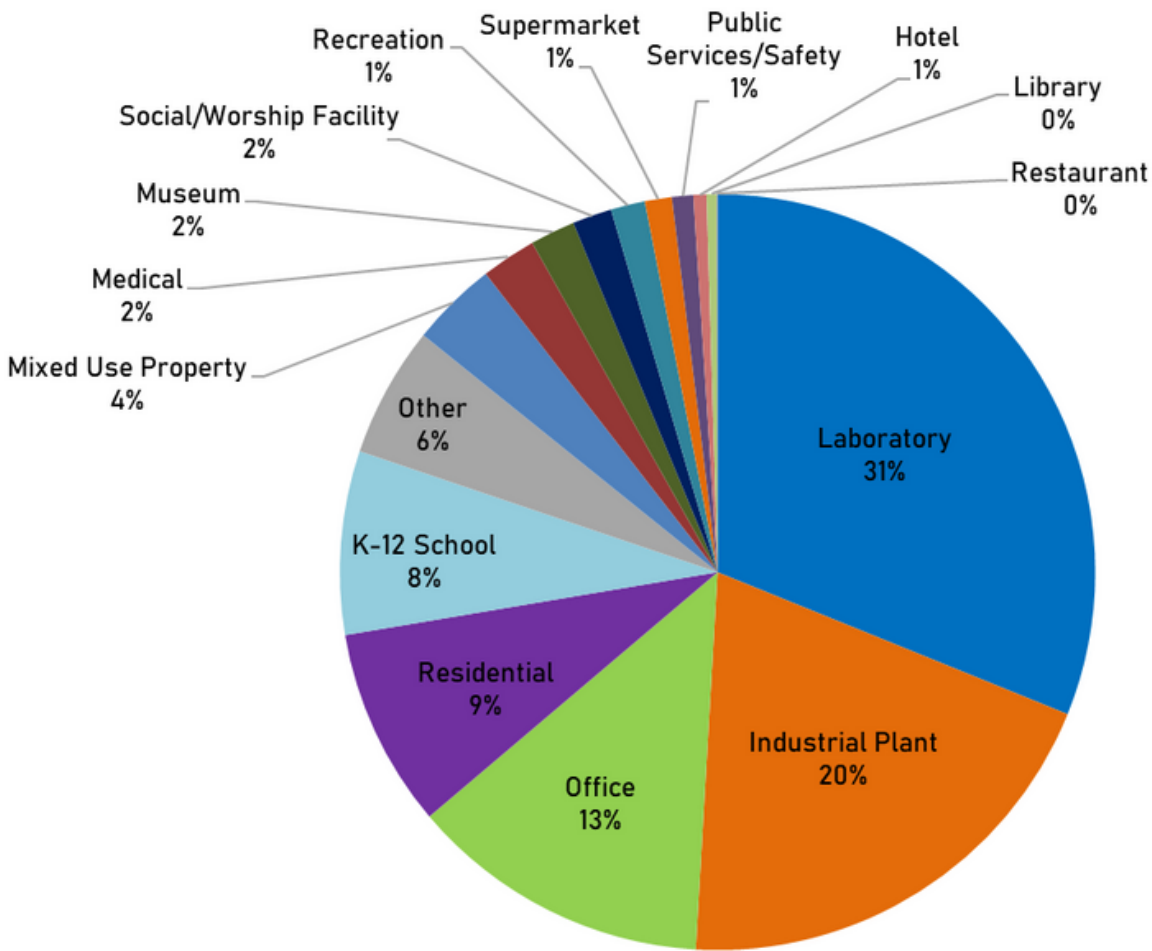
# Energy Use Intensity Distribution



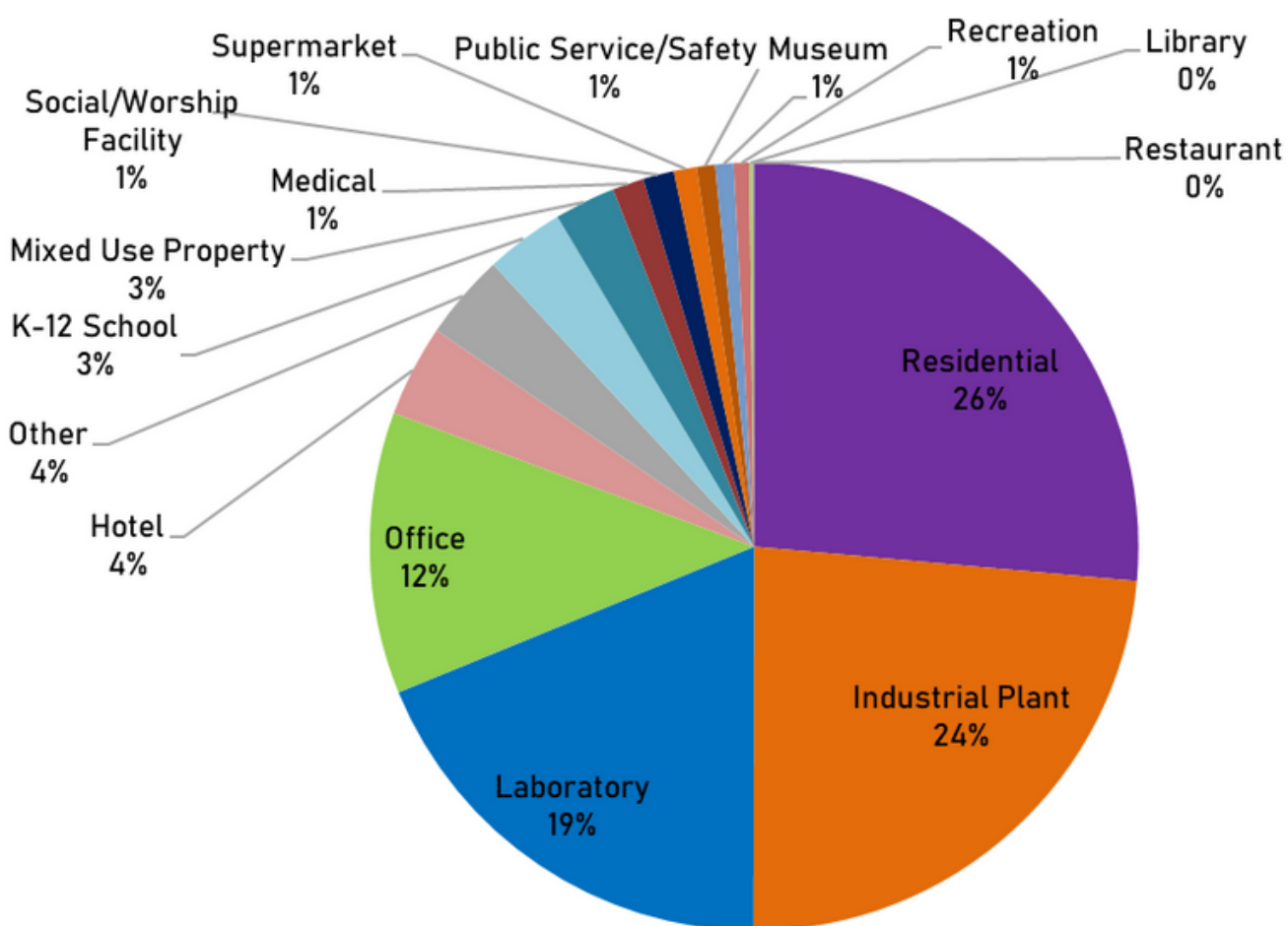
# Energy Use Intensity By Property Type



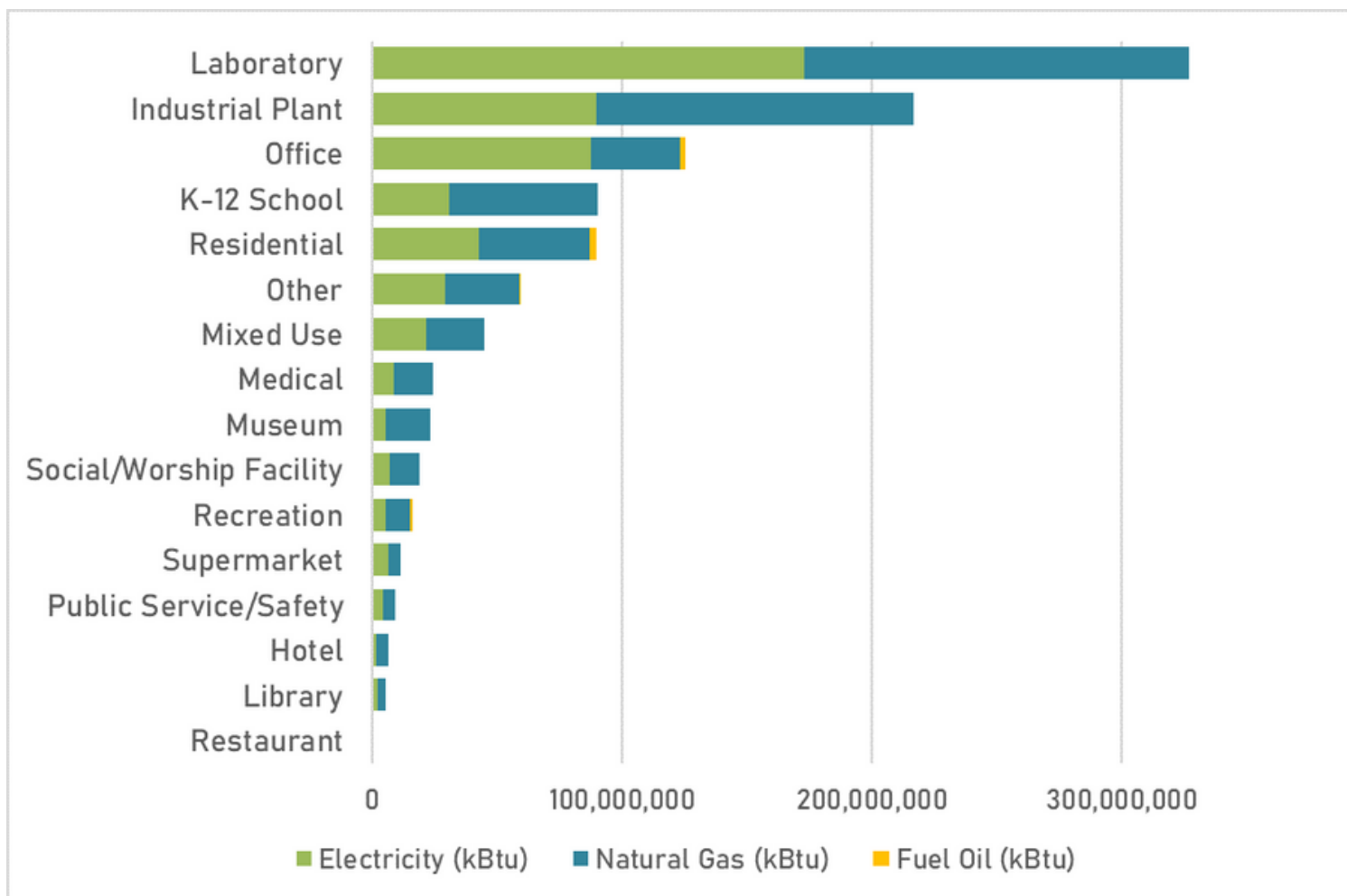
# GHG Emissions by Property Type



# Water Use by Property Type



# Energy Source by Property Type



Note: In future years, the report will be expanded to include trend data in order to track changes in energy use and emissions over time.