



Clean Energy Department

Megan Aki, Clean Energy Analyst



Local Energy Action Dashboard

By Metropolitan Area Planning Council

www.lead.mapc.org



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How much energy does your community consume? ▼

Explore and download energy, emissions, and cost estimates from homes and businesses across Massachusetts.



This dashboard was designed and built by MAPC's Digital Services Group and the Clean Energy Department.

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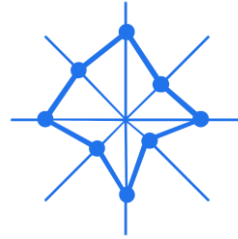
#ZeroTo101



How can you use MAPC's Energy Dashboard?



Estimate a community-wide energy baseline



Compare with neighbor communities

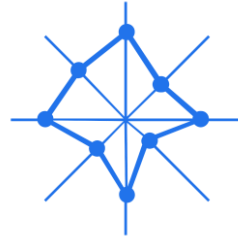


Take action towards net zero goals

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Medford: At a Glance

Medford is a municipality with a population of 57,403 as of the 2015 Census. Medford is responsible for emitting 963,441,693 lbs. CO₂e greenhouse gas emissions each year. In Medford, the Residential sector produces 52 percent of the total emissions resulting from the local built environment – making it Medford's largest greenhouse gas emitter.



How do Medford's homes & businesses consume energy?

		TOTAL	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	
ELECTRICITY*		CONSUMPTION	42%	15%	25%	2%
		EMISSIONS	58%	20%	34%	3%
		COST	\$2,349,343,884	\$24,350,868	\$2,323,169,756	\$1,823,260
NATURAL GAS		CONSUMPTION	43%	28%	10%	5%
		EMISSIONS	29%	19%	7%	3%
		COST	\$58,378,944	\$14,216,285	\$30,864,664	\$13,297,995
HEATING OIL		CONSUMPTION	15%	14%	0.4%	0.5%
		EMISSIONS	14%	13%	0.3%	0.5%
		COST	\$8,759,187	\$8,272,971	\$350,766	\$135,450

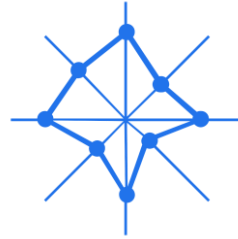
* If your city or town uses [Green Municipal Aggregation](#), actual electricity emissions may be significantly lower than this estimate.

[Download Summary Data](#)

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How does this compare to Winchester



Percent of Total Energy Consumption

	MEDFORD	WINCHESTER
	42%	39%
	43%	40%
	15%	21%

Percent of Total Energy Emissions

	MEDFORD	WINCHESTER
	58%	54%
	29%	27%
	14%	19%

Compare Medford to:



Winchester x

Wellesley x



Commercial consumption, all fuel types (MMBTU)

How does Medford compare?

Medford consumes **269%** more than Winchester and **3%** more than Wellesley.

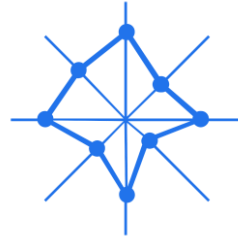
Medford emits **269%** more than Winchester and **2%** more than Wellesley.

Medford spends **491%** more than Winchester and **2%** less than Wellesley.

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