



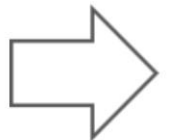
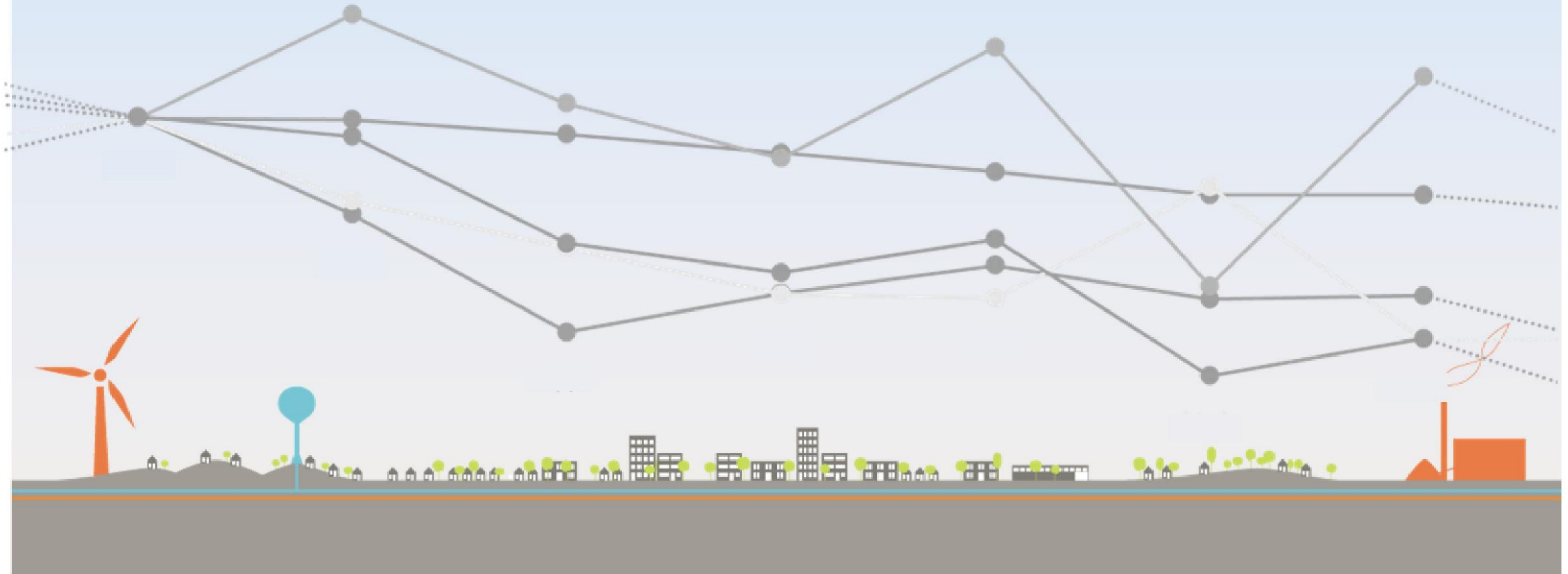
REGIONAL INDICATORS INITIATIVE



Northfield

Select community:

Northfield





IMPORTANCE OF THIS WORK

Climate change is impacting Minnesotans.

Acting now will help us protect our communities and natural resources.





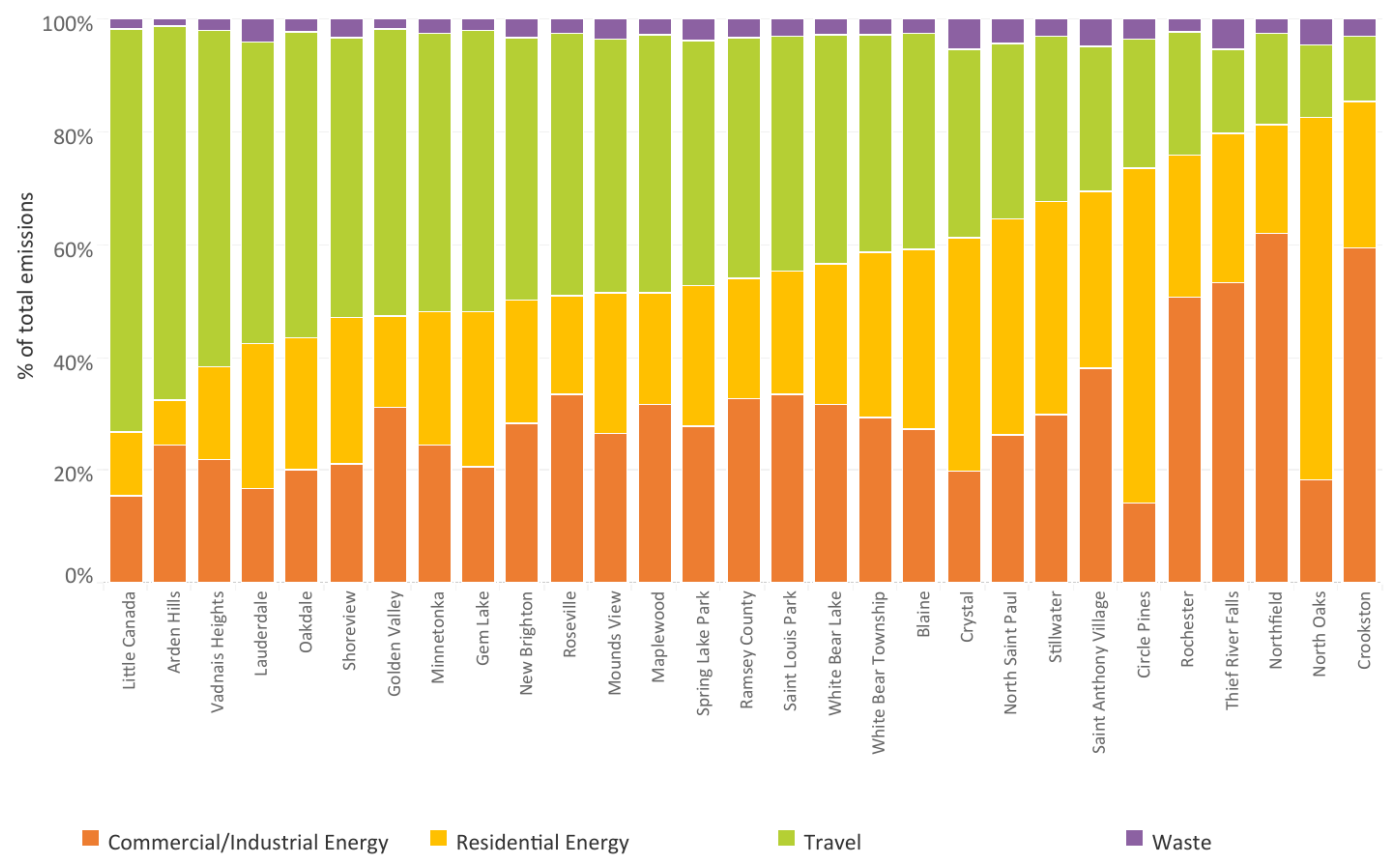
SCOPE

87 communities with 1+ years of complete data

- A** Andover, Apple Valley, Arden Hills, Arlington, Austin
- B** Belle Plaine, Bemidji, Big Lake, Blaine, Bloomington, Brainerd, Brooklyn Center, Brooklyn Park, Burnsville
- C-D** Circle Pines, Columbia Heights, Coon Rapids, Crookston, Crystal, Duluth
- E-F** Eagan, Eden Prairie, Edina, Elk River, Falcon Heights, Fridley
- G-H** Gem Lake, Golden Valley, Grand Marais, Hastings, Hopkins, Hutchinson
- I-L** Inver Grove Heights, Isanti, Jordan, Lake Elmo, Lauderdale, Lexington, Little Canada
- M** Mahtomedi, Mankato, Maplewood, Marine on St. Croix, Minneapolis, Minnetonka, Moorhead, Morris, Mounds View
- N** New Brighton, New Germany, Newport, Nisswa, North Mankato, North Oaks, North Saint Paul, Northfield
- O-R** Oak Park Heights, Oakdale, Orono, Ramsey County, Red Wing, Richfield, Robbinsdale, Rochester, Rosemount, Roseville, Royalton
- S** Saint Anthony Village, St. Louis Park, Saint Paul, St. Paul Park, Shoreview, South St. Paul, Spring Lake Park, Stillwater, Sunfish Lake
- T-Z** Thief River Falls, Vadnais Heights, Victoria, Warren, Wayzata, West Saint Paul, White Bear Lake, White Bear Township, Willmar, Winona, Woodbury



GREENHOUSE GAS EMISSIONS BREAKDOWN

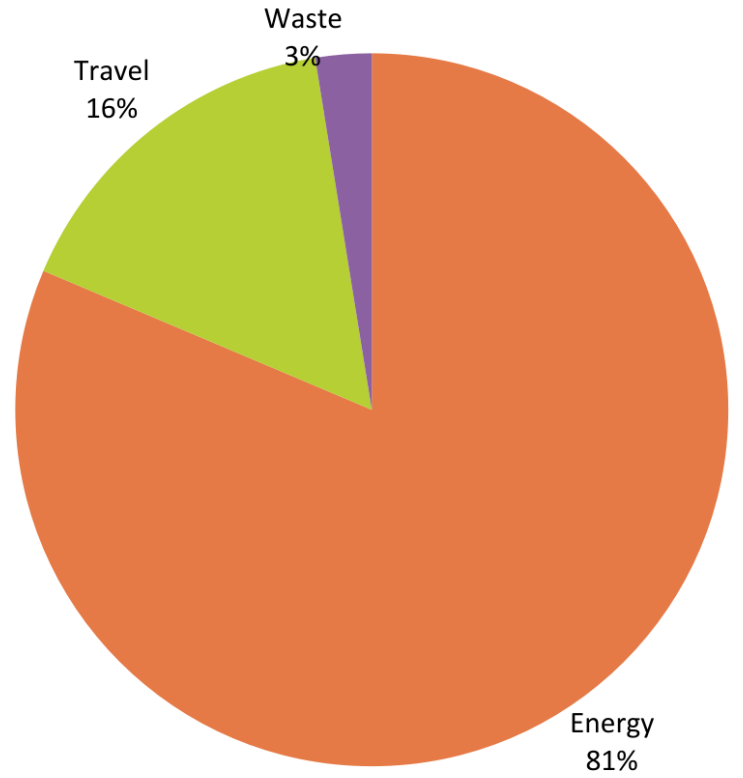


Breakdowns vary by city.
Tracking your own data over time matters most.



GREENHOUSE GAS EMISSIONS

Northfield - 2024



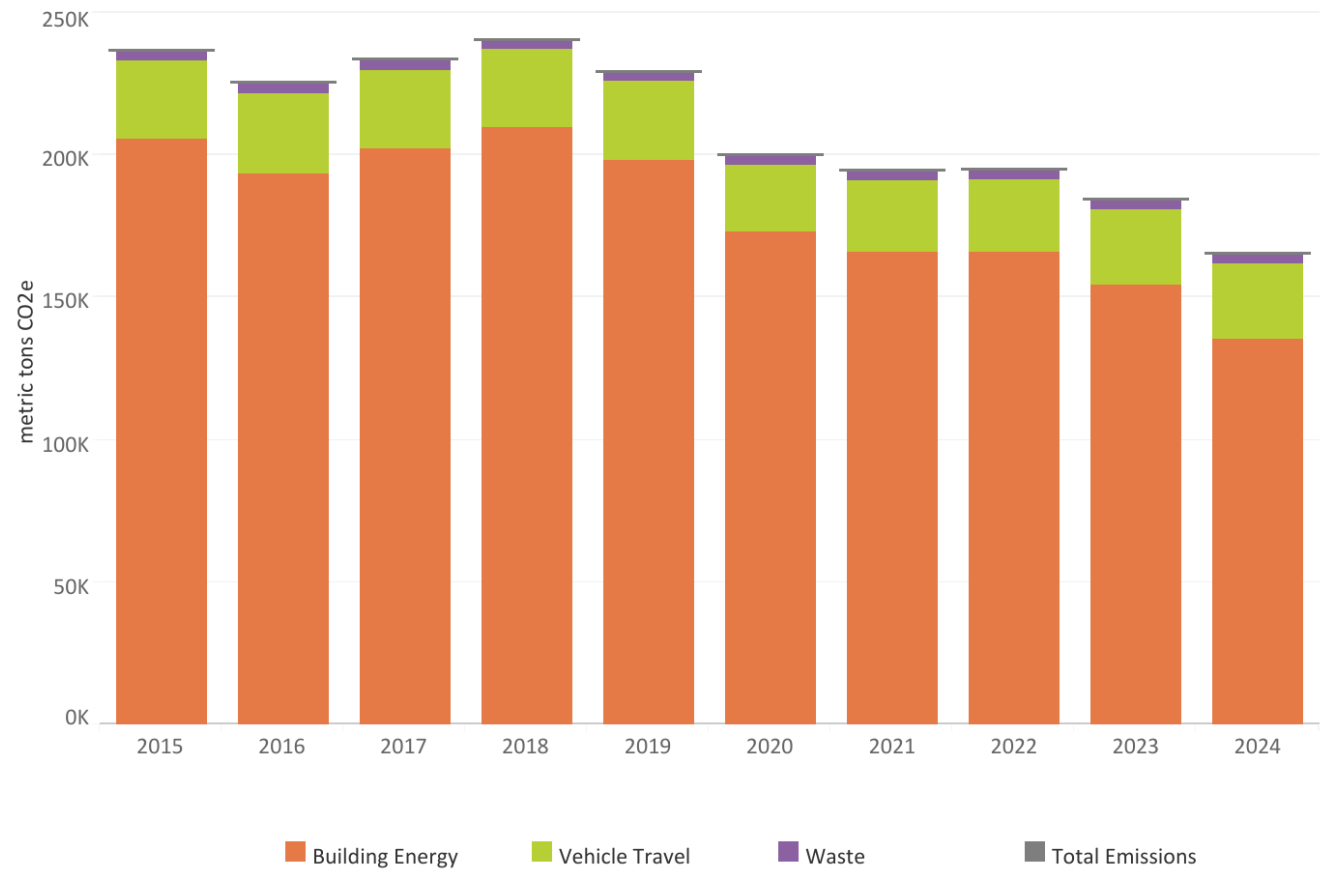
81% of the community's GHG footprint is from the energy used in buildings.

Prioritize building strategies.



GREENHOUSE GAS EMISSIONS

Northfield



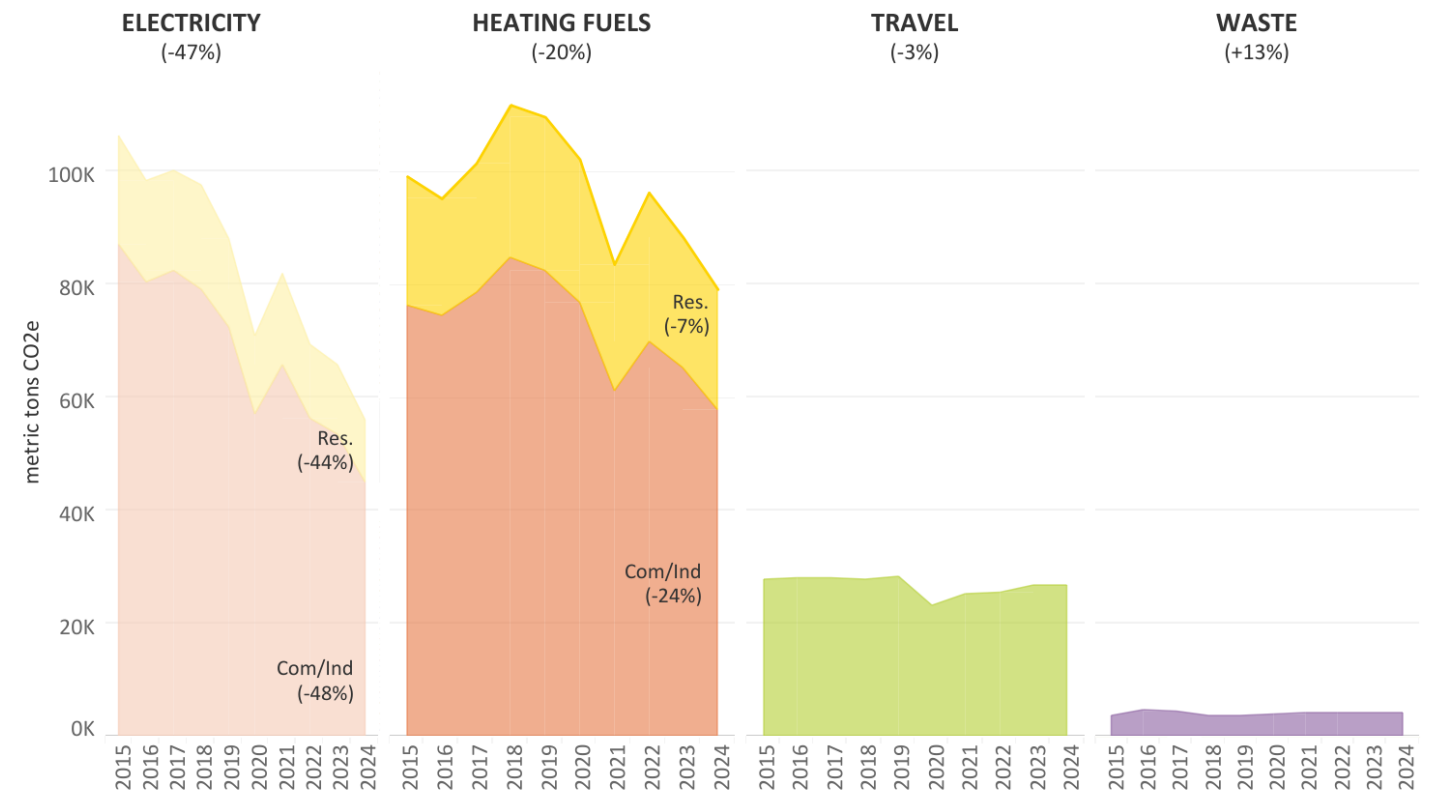
Greenhouse gas emissions have decreased by 30% since 2015.

Build on this momentum.



GREENHOUSE GAS EMISSIONS

Northfield



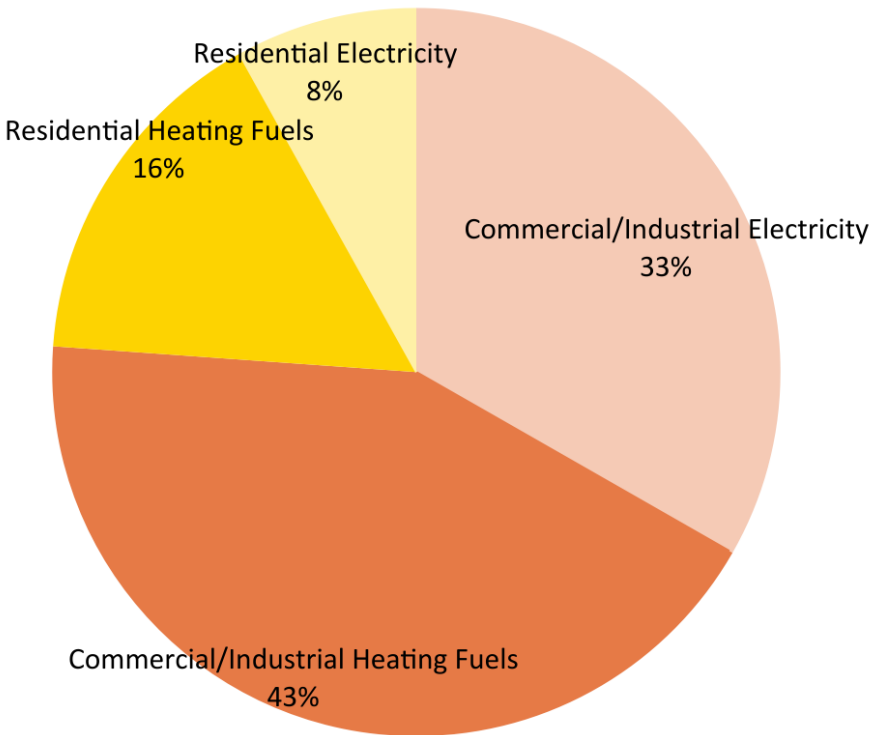
Emissions have dropped in most sectors.

Keep pushing electricity while finding long-term solutions for gas and travel.



ENERGY EMISSIONS

Northfield - 2024



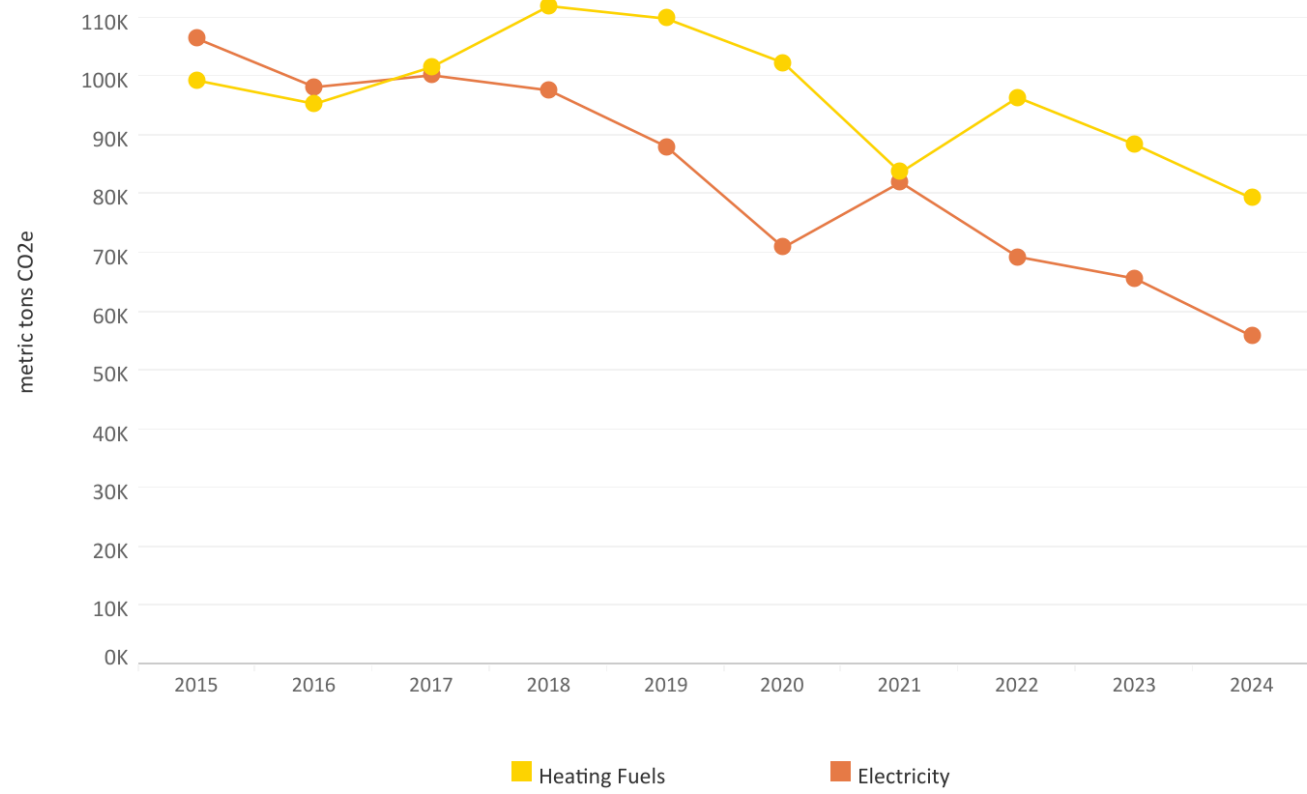
In 2024, more emissions came from heating fuels than electricity.

More emissions came from businesses and industry than homes.



ENERGY EMISSIONS

Northfield



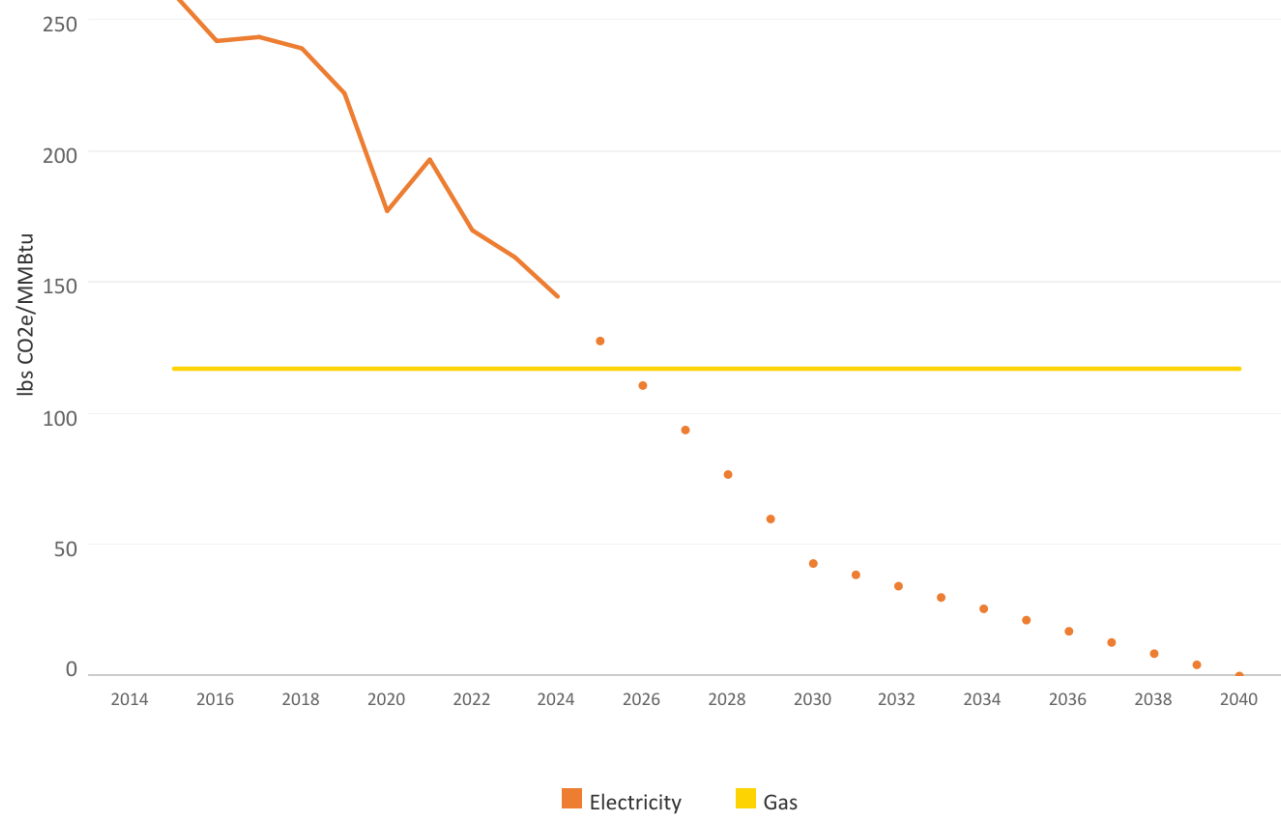
Across Minnesota, heating fuel emissions are an increasingly large percentage of total energy emissions.

Switch from gas to electric equipment.



ENERGY EMISSIONS RATES

Northfield



Minnesota will have carbon-free electricity by 2040. Communities can support this by investing in local renewable energy.

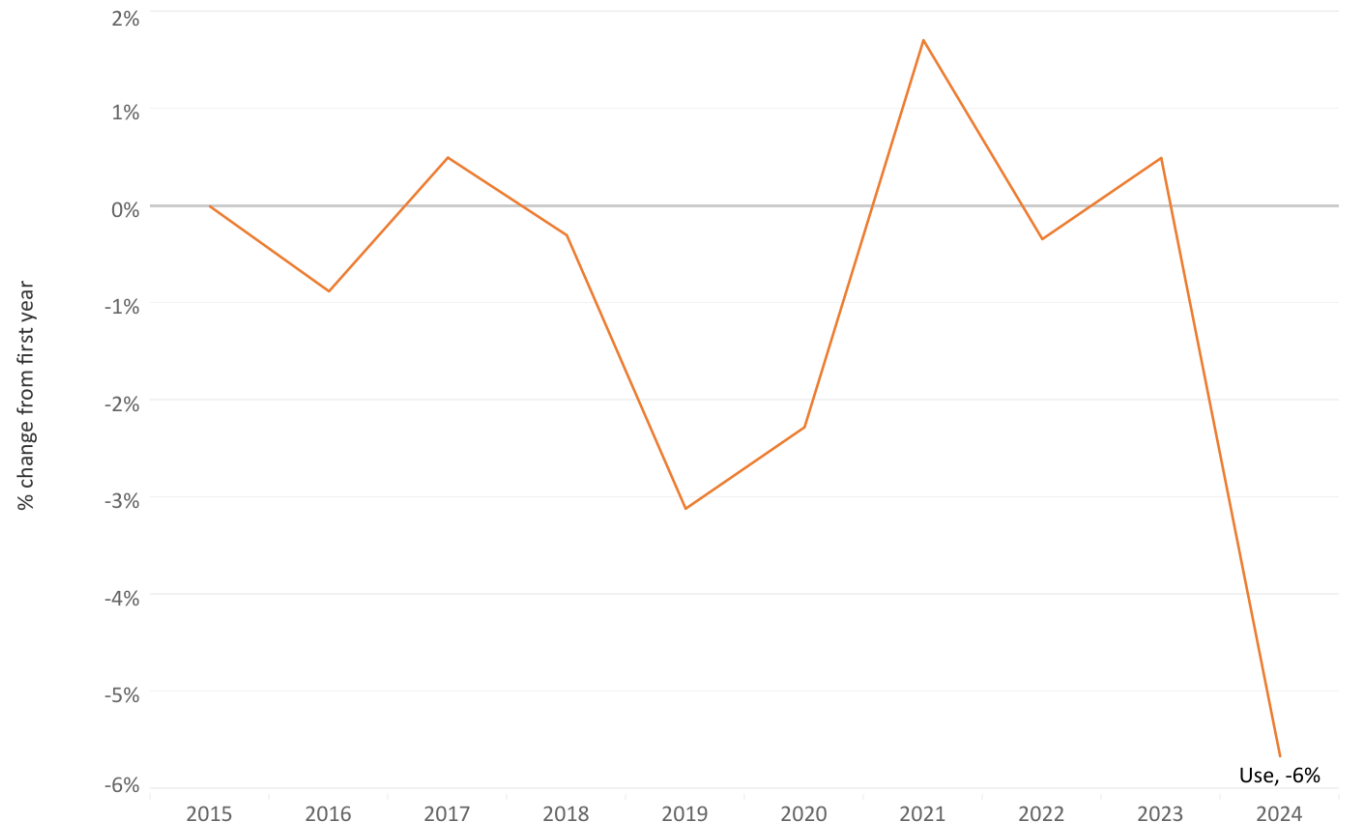
Electric equipment is more efficient than gas, and cleaner over its lifetime.



ELECTRICITY TRENDS

Northfield

Electricity use On Electricity emissions rate Off Total electricity emissions Off

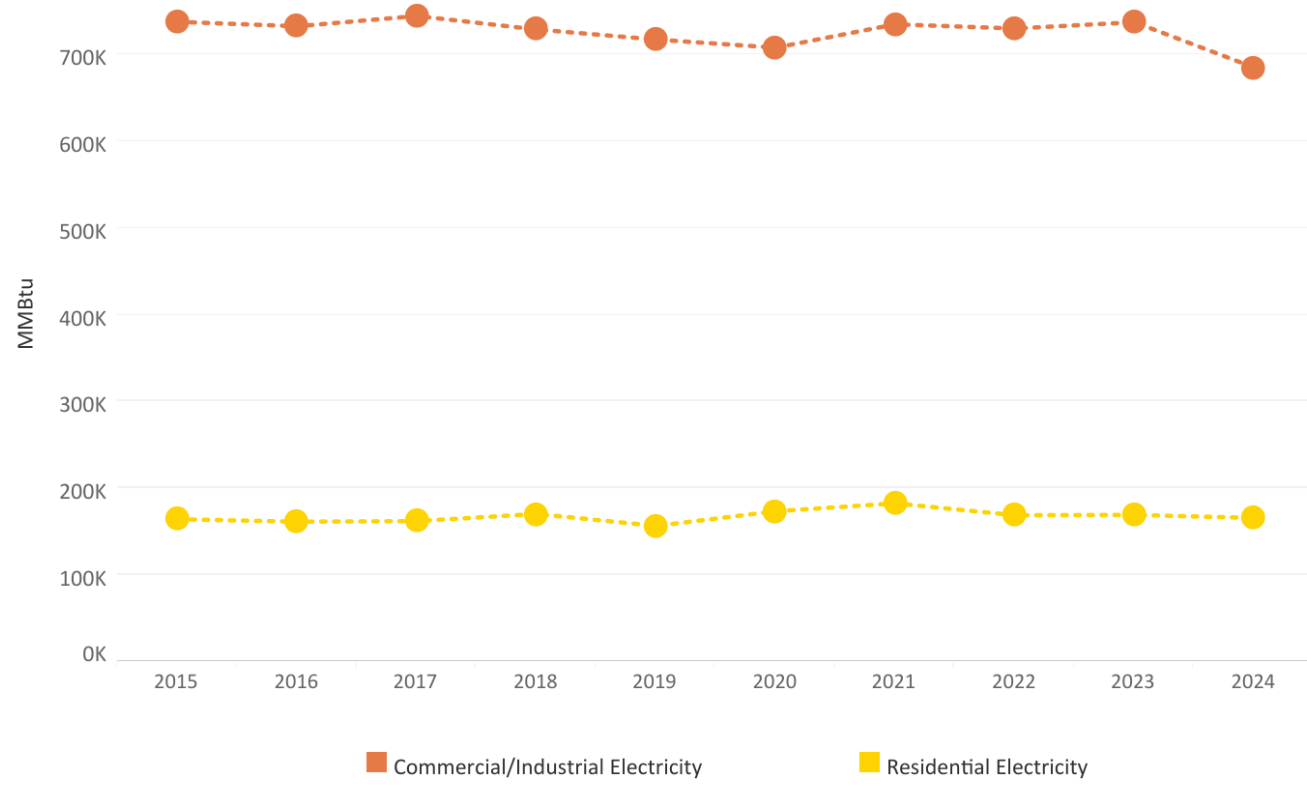


Reduce electricity emissions by using less electricity, from cleaner sources.



ELECTRICITY USE

Northfield



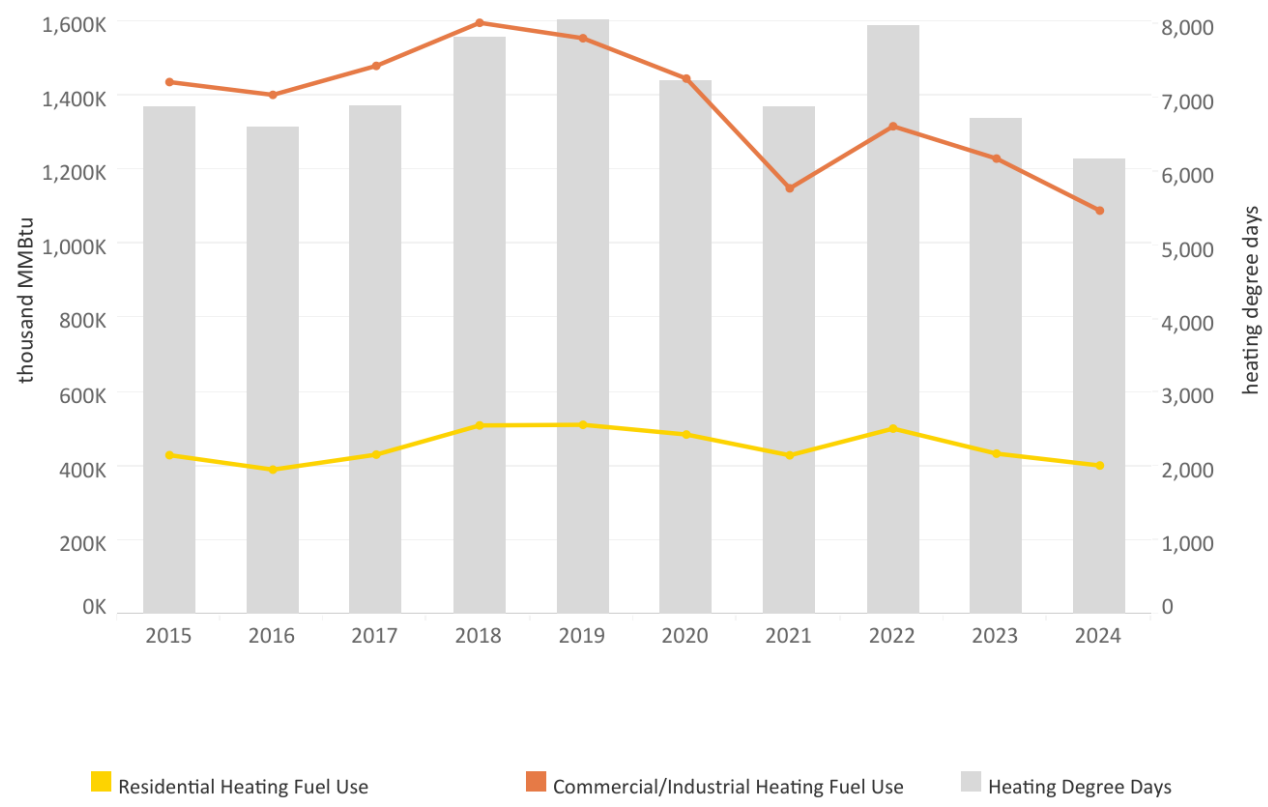
Commercial/industrial electricity use decreased by 7% since 2015, while residential increased by 1%.

Support additional commercial and residential efficiency projects.



HEATING FUEL USE

Northfield



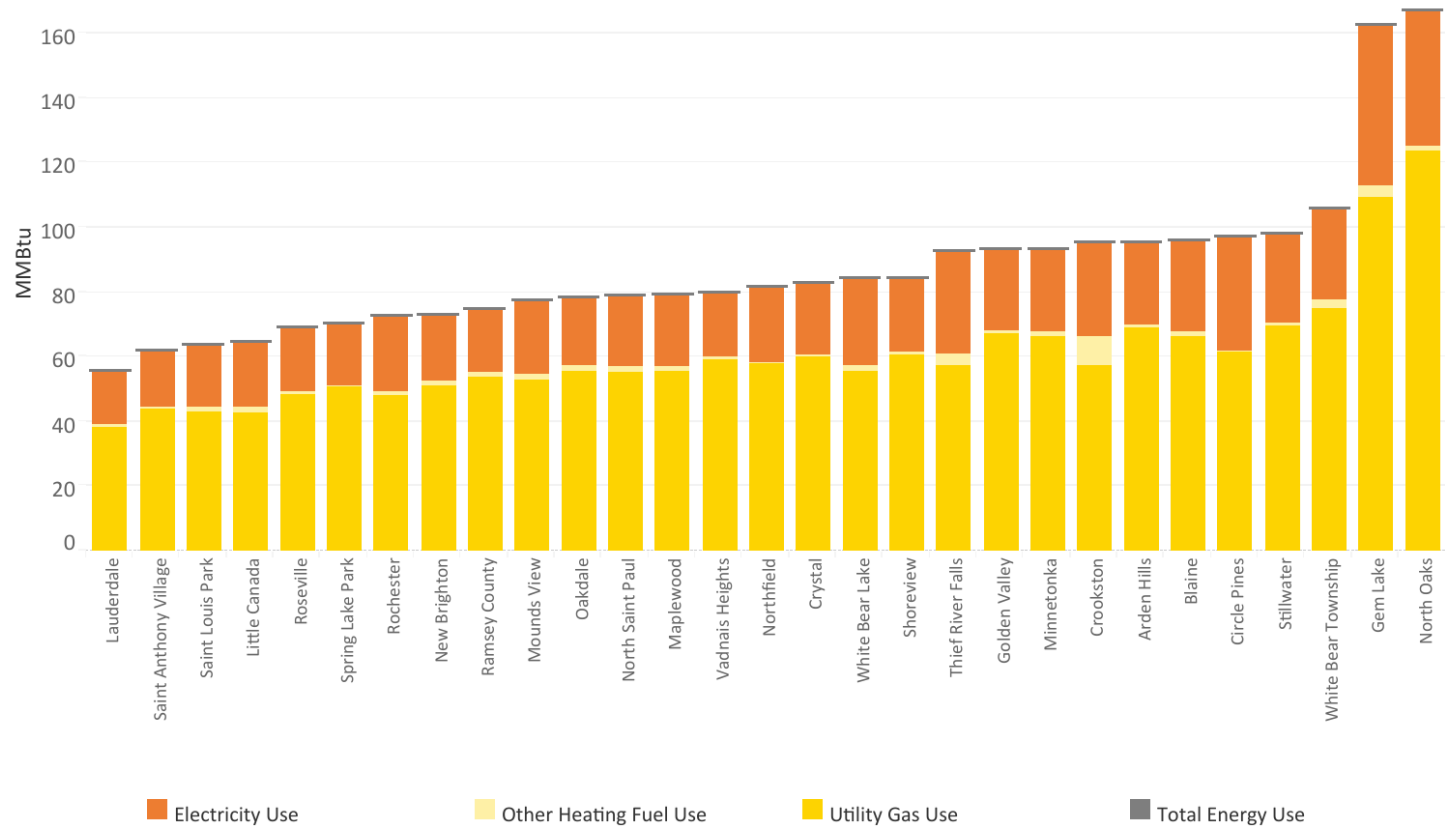
Heating fuel use is weather-dependent.

Weatherize buildings.



ENERGY USE PER HOUSEHOLD

All communities - 2024

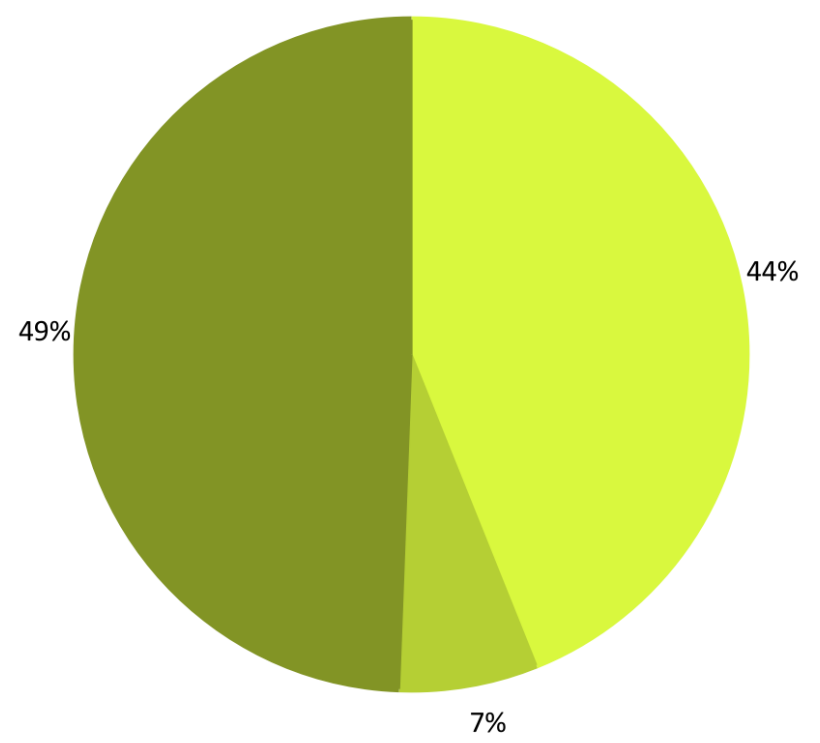


Energy-efficient homes are small, well-insulated, and use electric heat pumps for heating and cooling.



MILES TRAVELED BY ROAD TYPE

Northfield - 2024



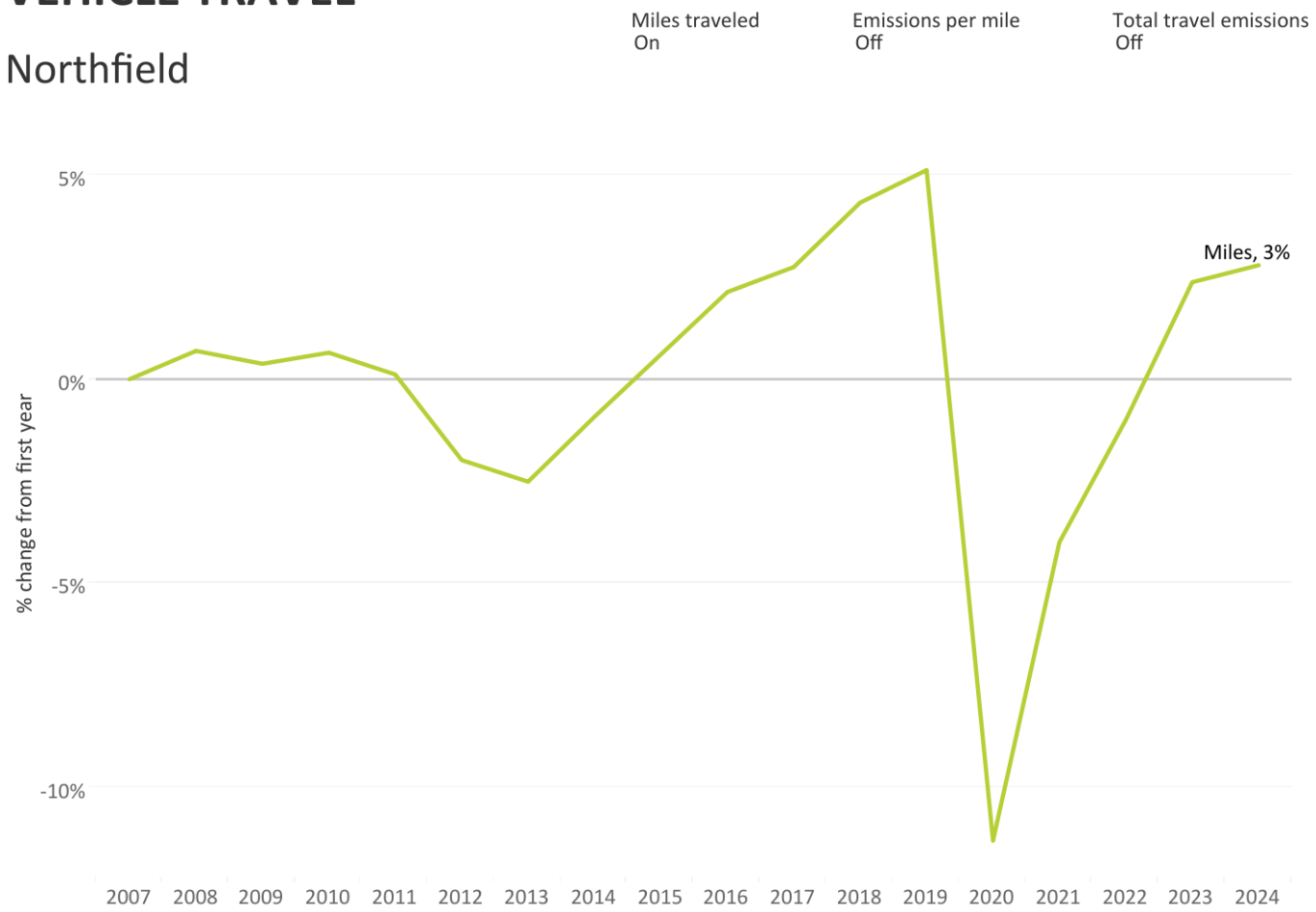
Local Roads County Roads State Highways Federal Highways & Interstates

Community action can make a difference in reducing local and pass-through traffic.



VEHICLE TRAVEL

Northfield



Travel emissions depend on miles traveled, vehicle efficiency, and fuel type.

Accelerate travel reduction and electric vehicle adoption.



CHANGE IN VEHICLE MILES TRAVELED PER RESIDENT

Northfield



Travel emissions depend on miles traveled, vehicle efficiency, and fuel type.

Accelerate travel reduction and electric vehicle adoption.

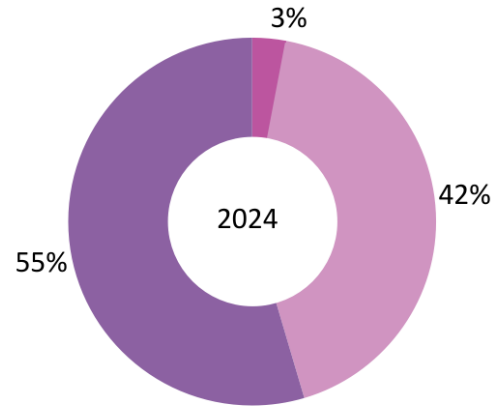


WASTE PER PERSON PER DAY

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Landfilled Incinerated Recycled Total Waste



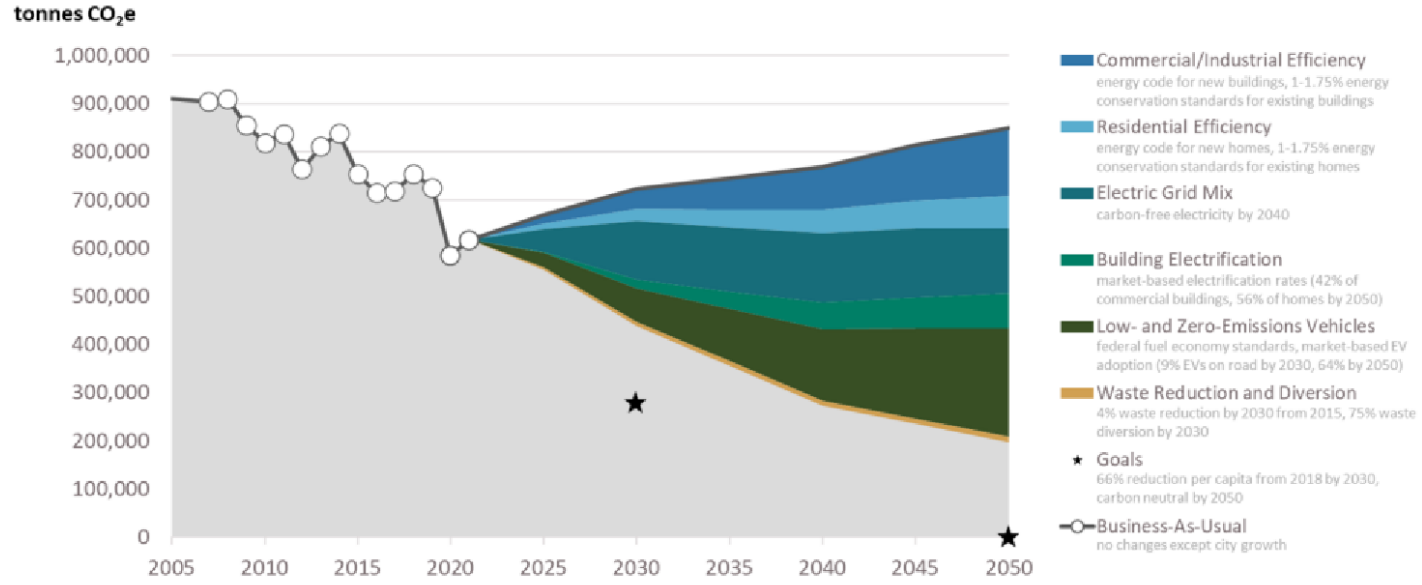
The recycling rate has increased over time. Reduce waste while increasing recycling rates.



CALL TO ACTION

Your community is not alone in this work. To make an even bigger impact:

- Make sure all new buildings are meeting code - and older ones are weatherized.
- Support electrifying homes, businesses, and vehicles.
- Find opportunities to decrease local vehicle travel.





QUESTIONS?

Becky Alexander, LHB Inc.
becky.alexander@lhbcorp.com