



REGIONAL INDICATORS INITIATIVE

Data for Local Action: Zero Waste

Becky Alexander, LHB Inc.

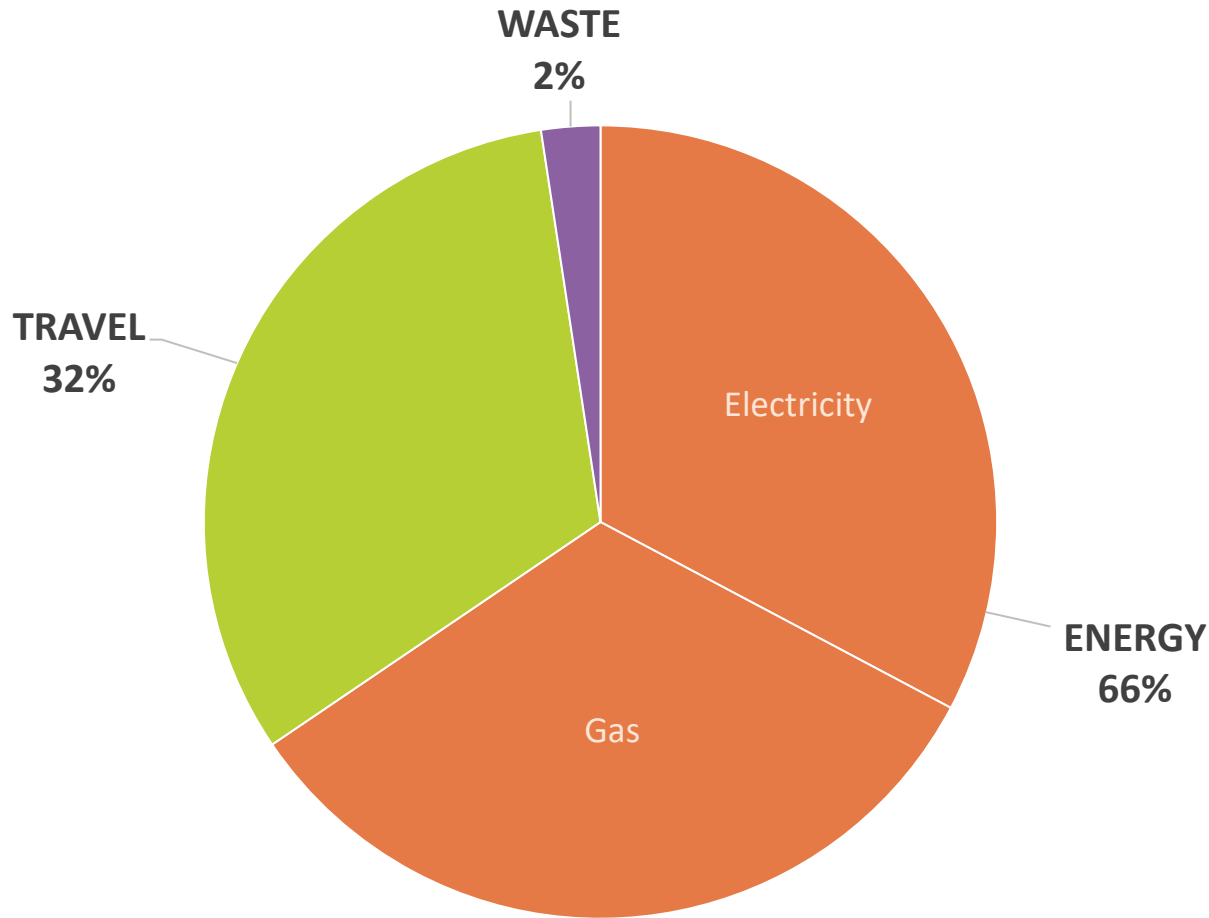
These slides include data from an analysis of the cities included in the Regional Indicators Initiative – a program that tracks citywide performance metrics for Minnesota cities. More information – including city-specific data – can be found at the program’s website.





GREENHOUSE GAS EMISSIONS

2020 – TOTAL FOR 31 CITIES



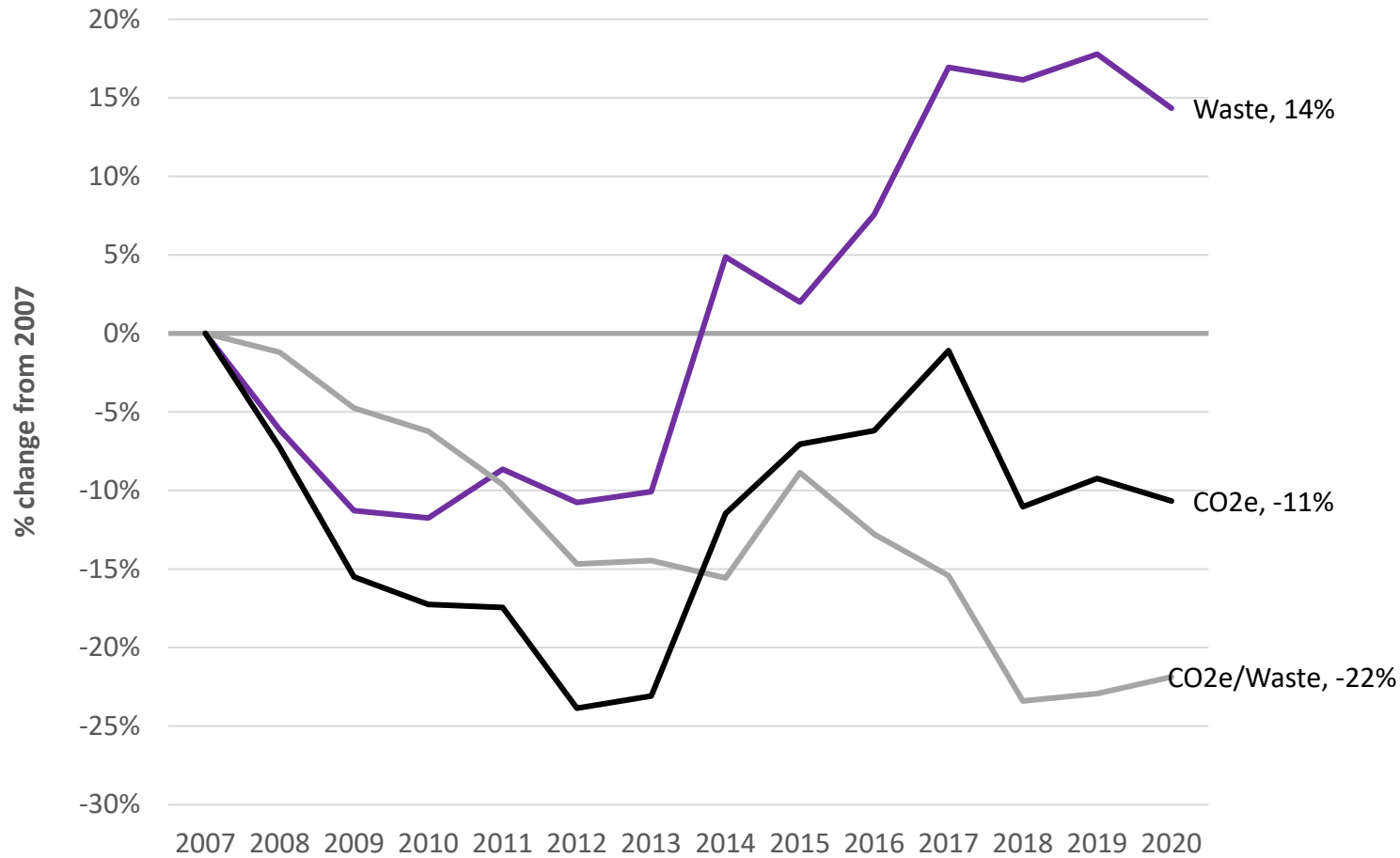
Waste is a minor contributor to community-wide emissions, but reduction and diversion strategies can also impact upstream emissions.

Pursue waste strategies with major co-benefits and/or upstream impacts.



WASTE

18 CITIES



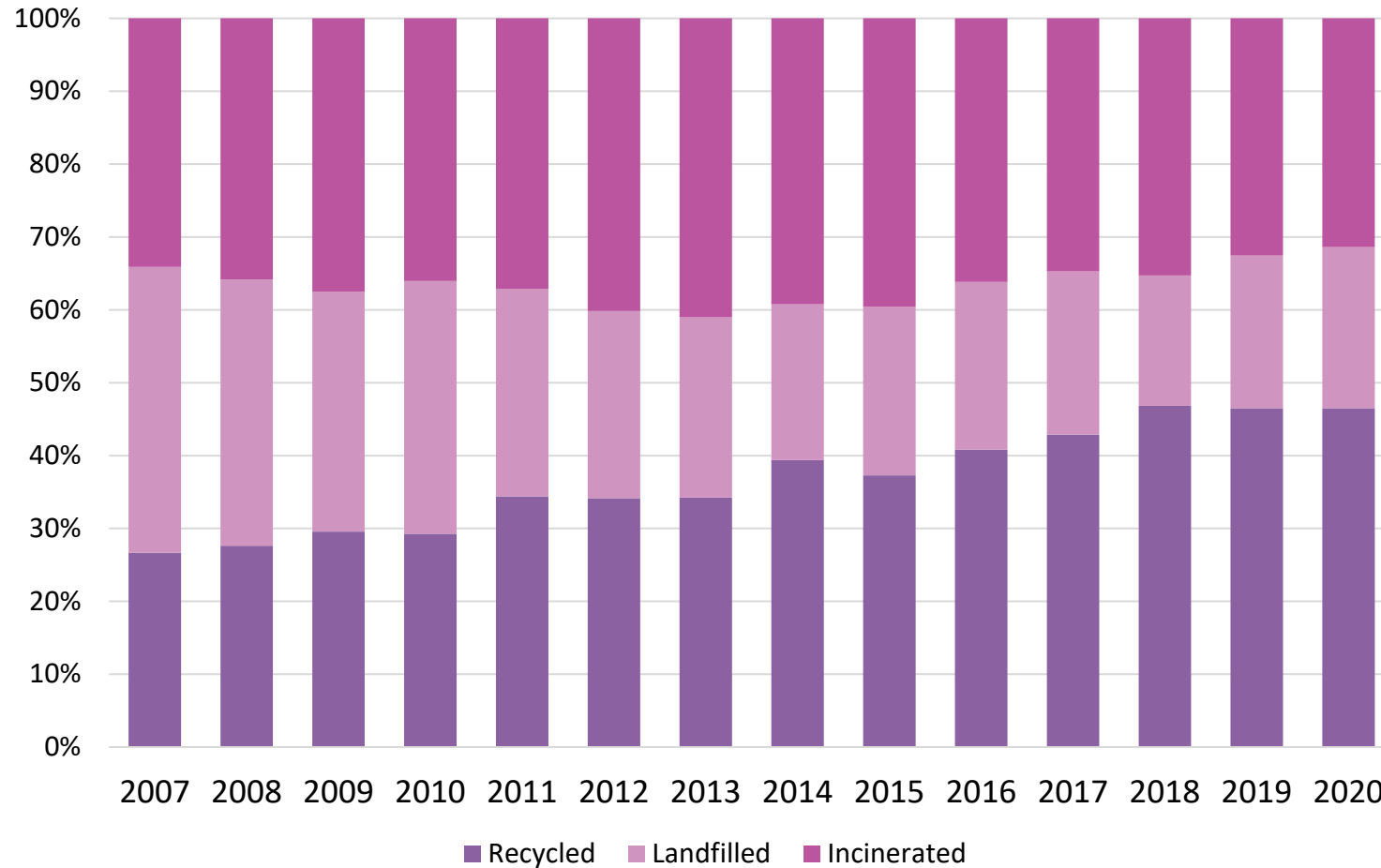
Increased recycling rates counterbalanced an increase in waste disposed for an overall decrease in waste emissions.

Focus on waste reduction strategies.



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WASTE MANAGEMENT METHODS – 88 CITIES



The recycling rate increased from 26% in 2007 to 47% in 2020.

2030 Goals:

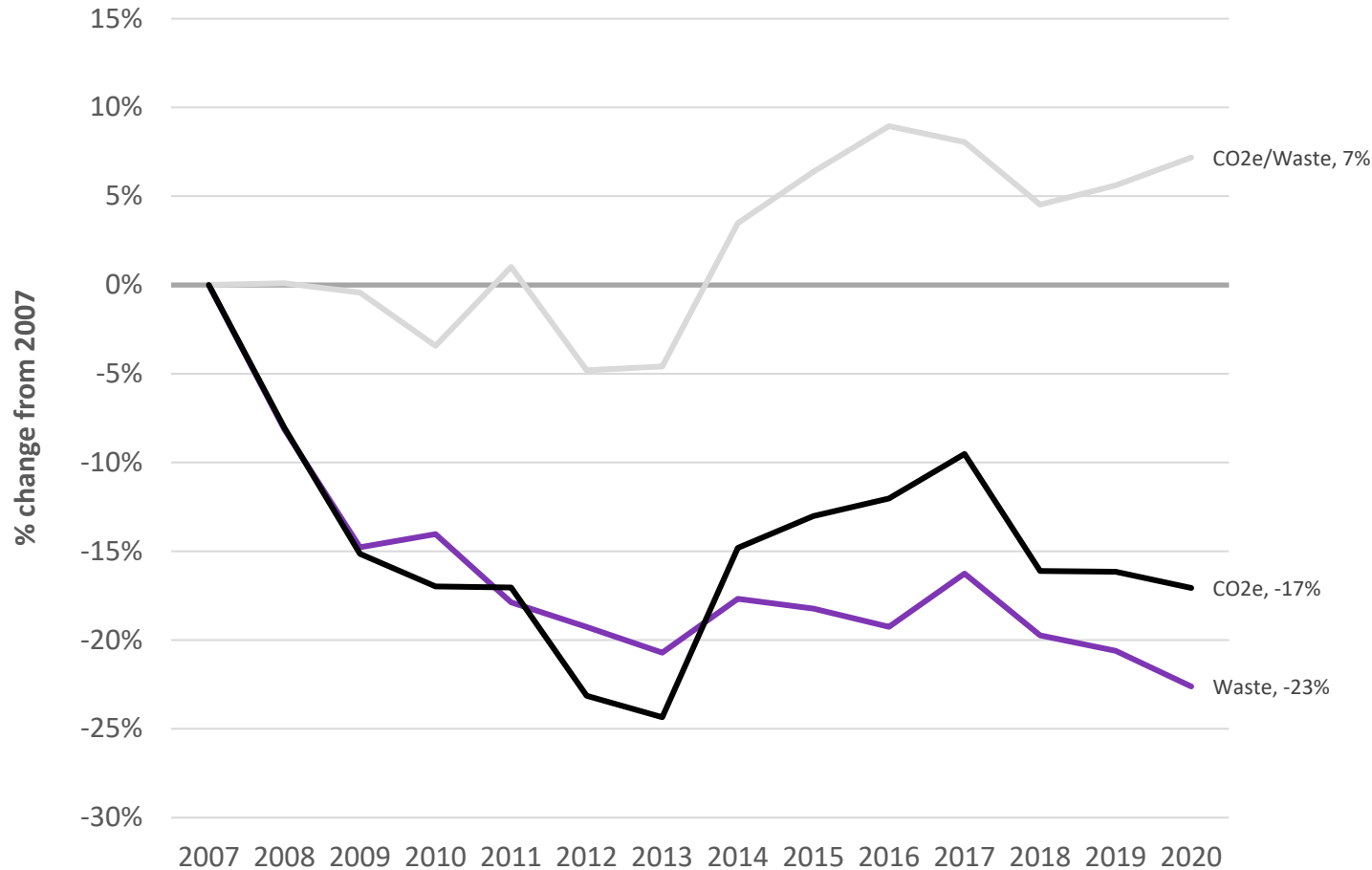
- Metro: 75%
- Greater Minnesota: 35%

Continue to increase recycling rates.



LANDFILLED AND INCINERATED WASTE

PER CAPITA LANDFILLED AND INCINERATED WASTE – 88 CITIES



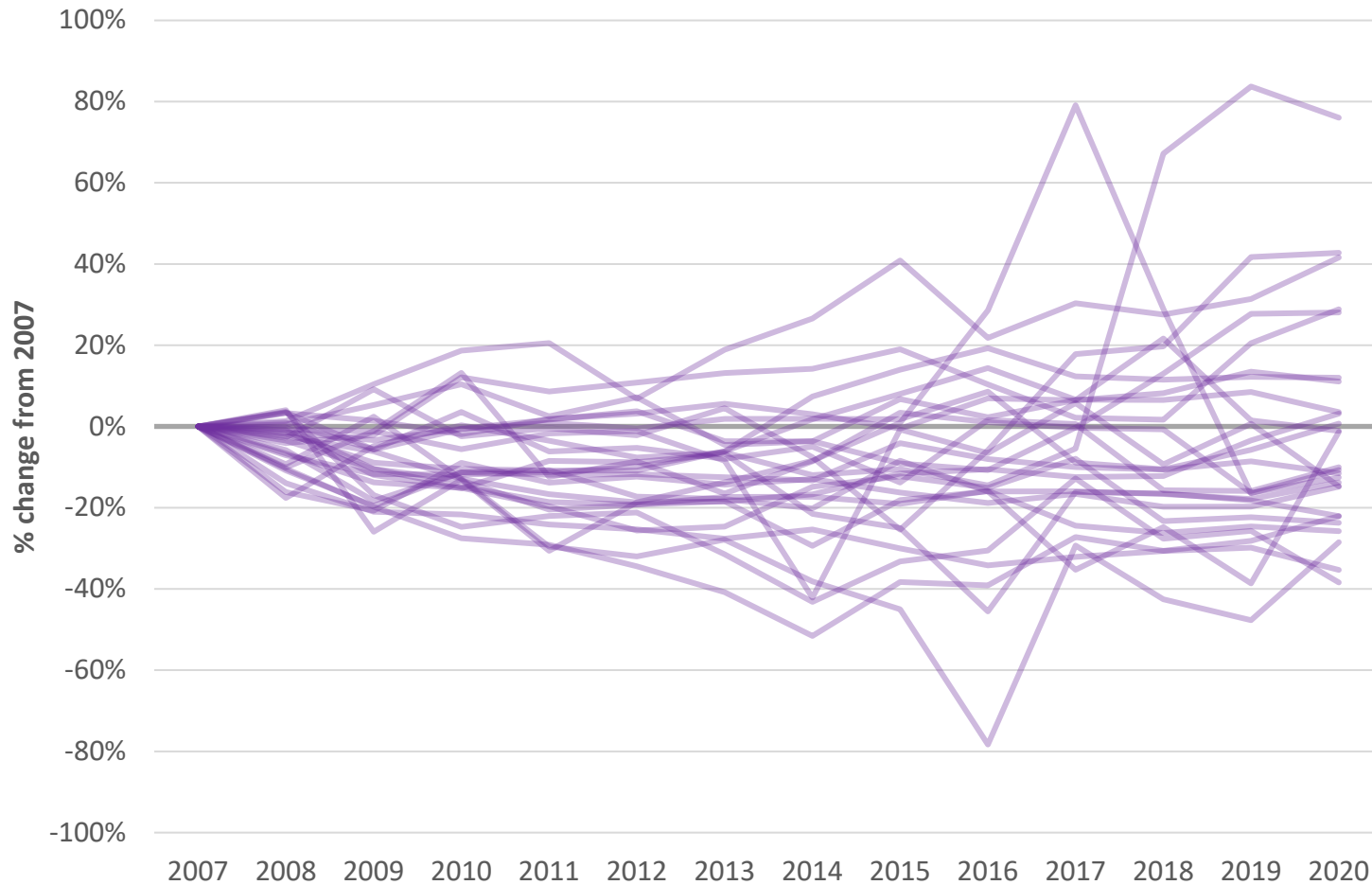
A decrease in landfilled and incinerated waste per capita was partially offset by increased emissions per ton of waste incinerated.

Pay attention to the emissions intensity of incineration facilities as well as whether your waste is going to landfills with methane capture.



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LANDFILLED + INCINERATED WASTE PER PERSON – 26 COUNTIES



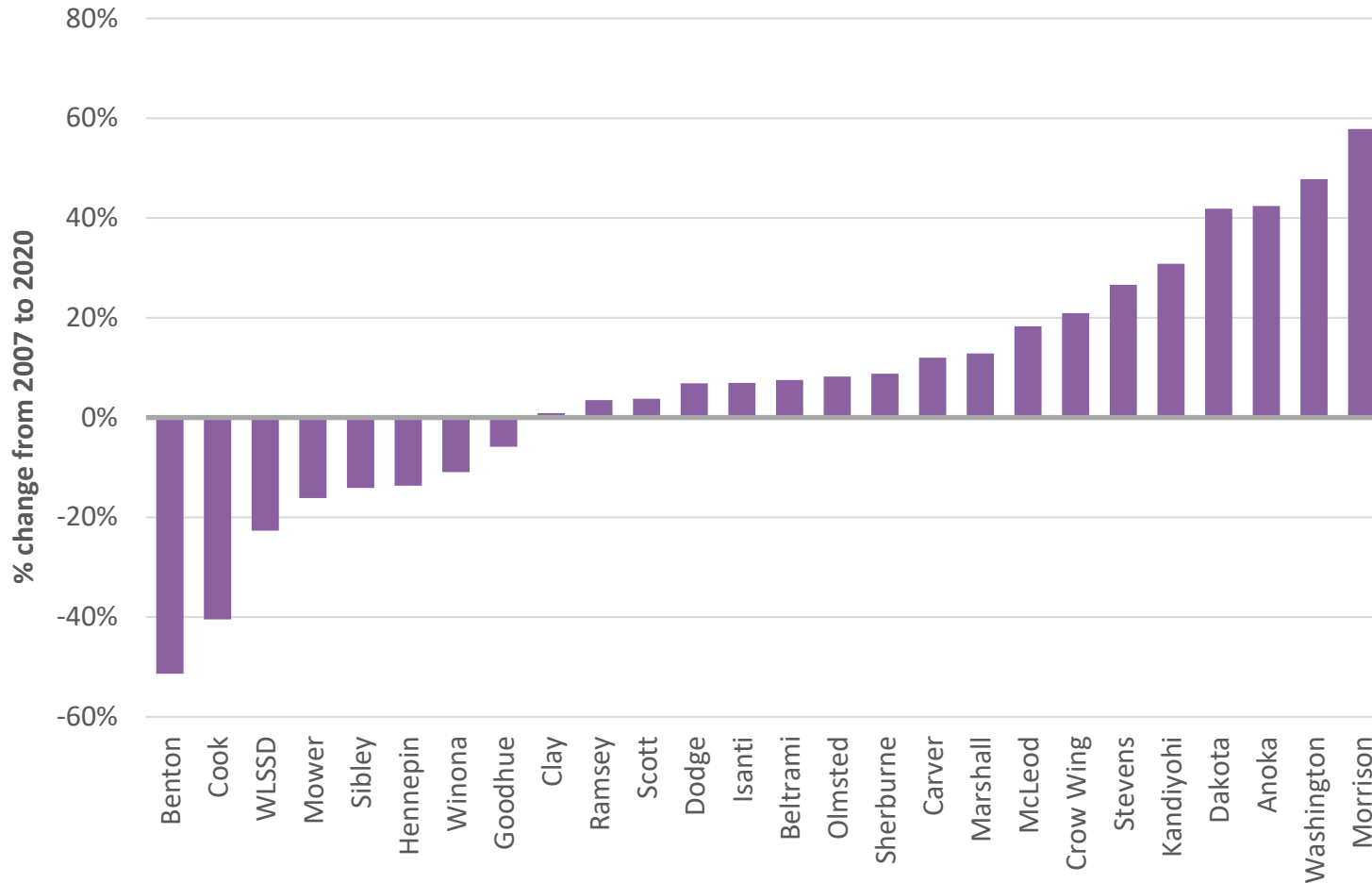
Waste management trends vary widely by county.

Use county-specific data to make decisions and support efforts to get city-specific data to track impacts of local action.



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CHANGE IN WASTE GENERATION PER PERSON – 26 COUNTIES



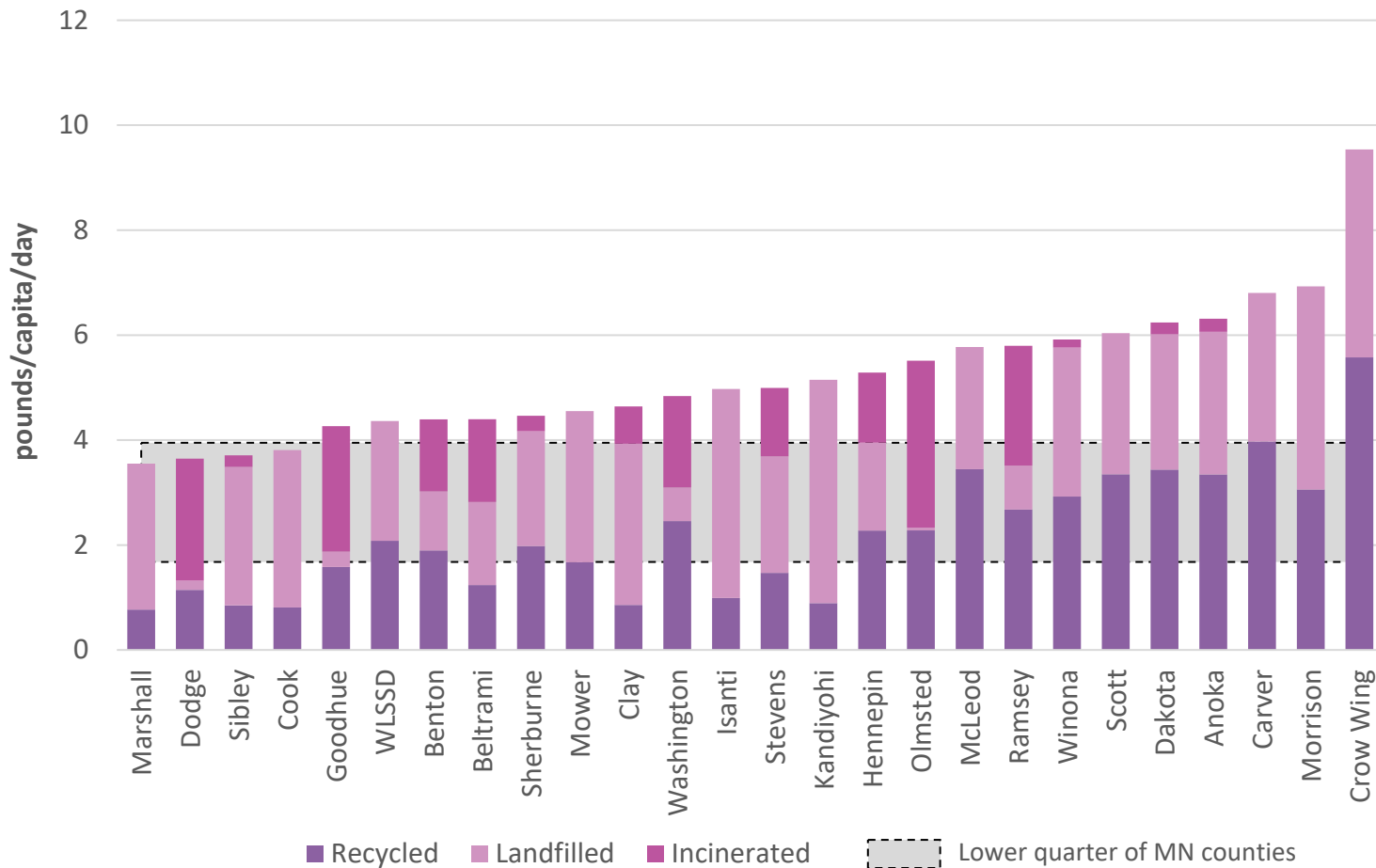
Less than a third of these counties have decreased their waste per capita since 2007.

Reduce waste generation.



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2020 WASTE PER PERSON PER DAY – 26 COUNTIES



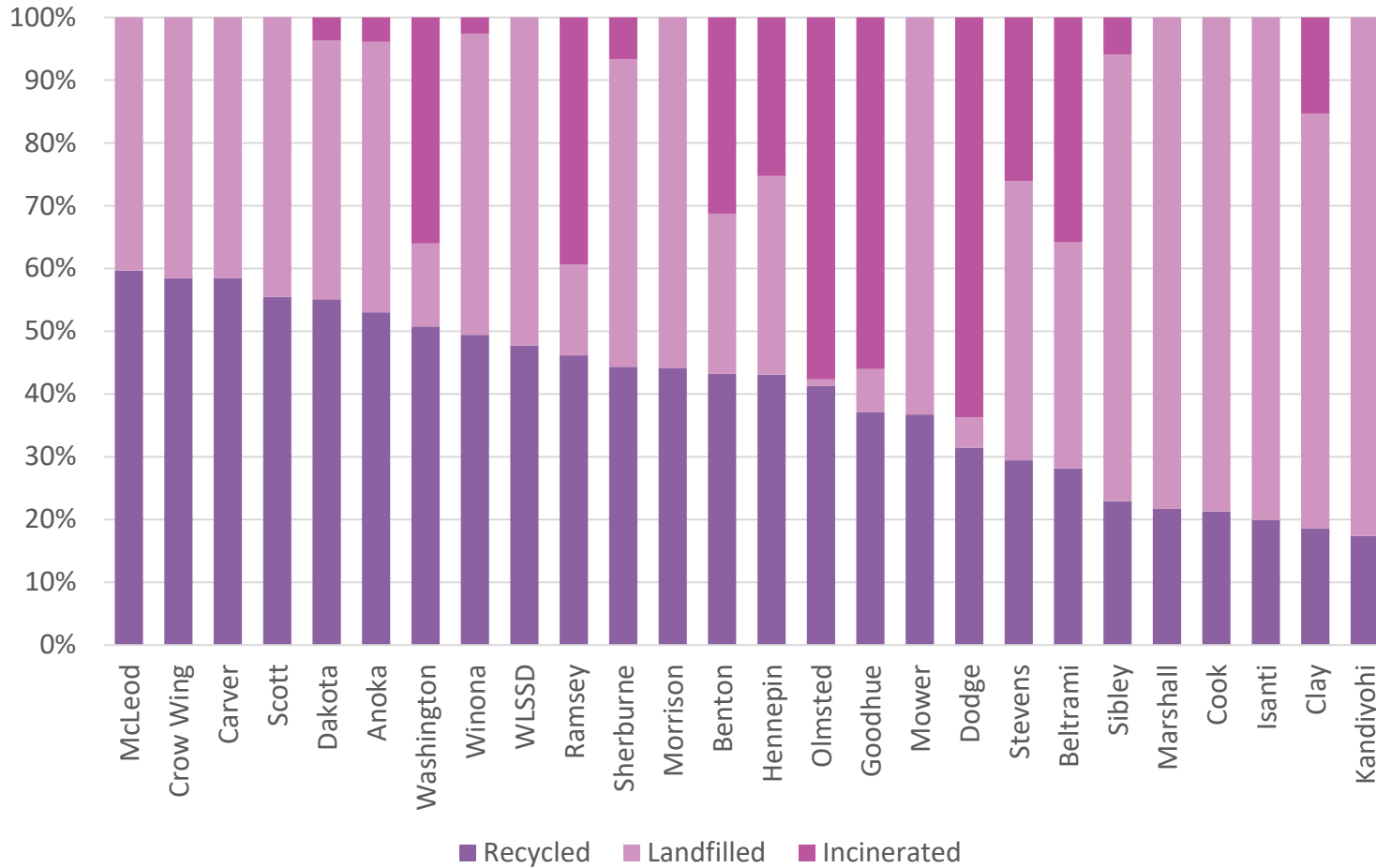
The lowest quarter of Minnesota counties generate less than 4 pounds per person of waste daily, while the highest quarter generate more than 6 pounds per person.

Reduce waste generation.



WASTE

2020 WASTE MANAGEMENT METHODS – 26 COUNTIES



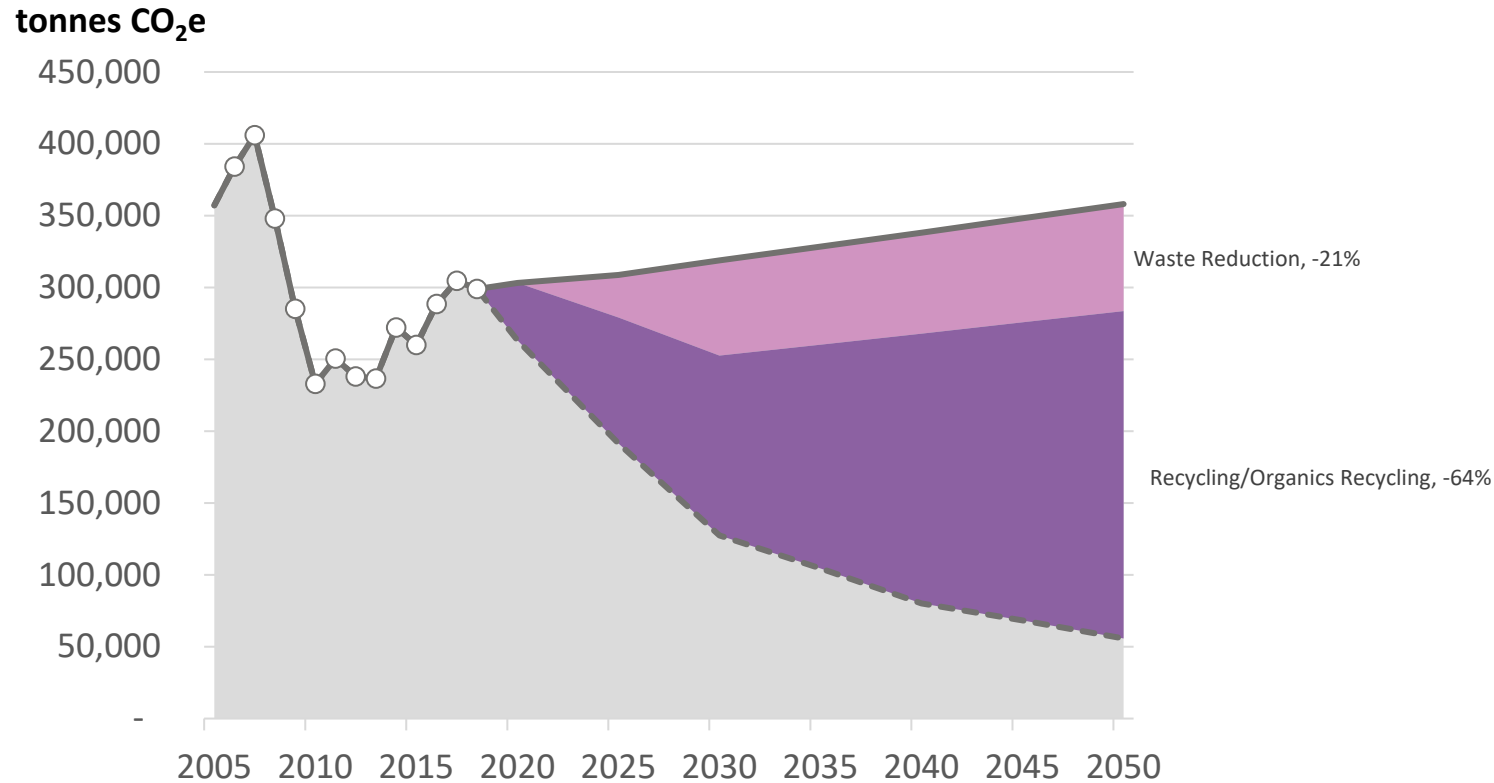
2020 recycling rates for RII counties ranged from 17% to 60%.

Increase recycling rates.



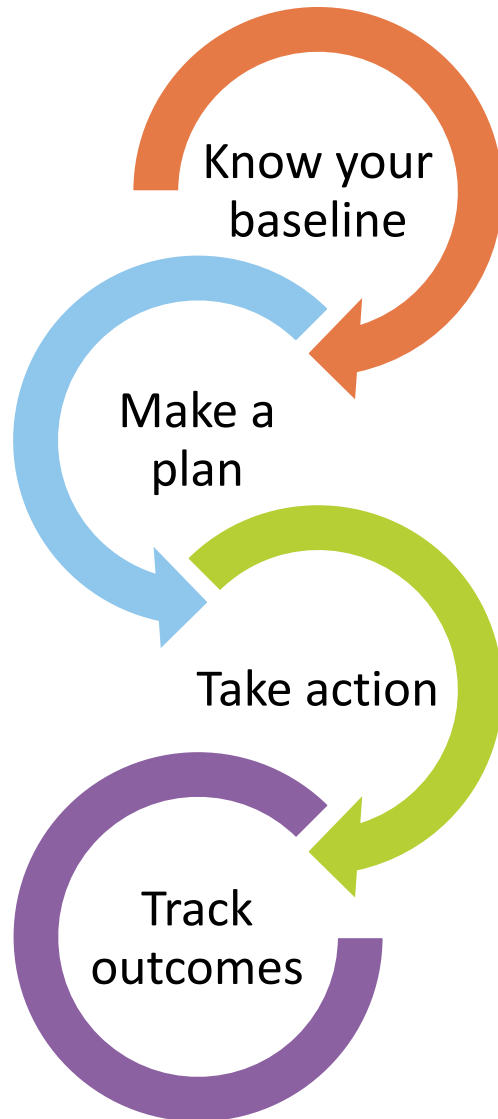
SCENARIO PLANNING

WASTE | HENNEPIN COUNTY



Waste emissions reductions can be achieved through a combination of waste reduction and diversion.

Graph shows potential impact of waste emissions reduction strategies on business-as-usual waste emissions in Hennepin County. Modeled strategies include a 22% reduction in waste per capita (to 4.9 pounds per capita per day) by 2030, a recycling rate of 75% in 2030 and 90% in 2050, and a maximum of 1% of waste being sent to landfills by 2030.



LEARN MORE

RegionalIndicatorsMN.com

QUESTIONS?

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