



## Step 4 & 5 - Metrics Highlights

Updated June 2024

*The following summaries are taken from Step 4 & 5 metrics reports and are considered unique or improved. See more with the [Step 4 & 5 Metrics Dashboard](#).*

### Summary – 2024 Reports

- In 2024, **33 communities completed Step 4** and **32 also completed Step 5** metrics reporting. All communities submitting metrics received recognition. One community reached both Steps 4 and 5 this reporting year. For two communities, this was their first-time reporting Step 4 metrics and one reached Step 5 for the first time this year.
- 18 Step 5 communities reported a reduction in **kBtu usage in public facilities**. (Metric 1.1)
- Percent **LED streetlights** owned by the government and utility have increased to an average of 73% in 2023 from 14% in 2016 (Metric 1.4)
- 20 communities report 100% of their **traffic signals** have been converted to LED. (Metric 1.5)
- 14 Step 5 communities saw an improvement in **city fleet gasoline MPG**. The total average for all communities is 10.6 MPG, slightly down from the 2022-reported average MPG (Metric 3.2)
- Communities report owning or leasing 95 **electric vehicles in the government fleet**; up from just 28 in 2018. (Metric 3.5)
- Communities reported that 57.5 **miles of new or reconstructed sidewalks or trails** were completed in 2023. (Metric 4.1)
- An average of 97.3% of residents in reporting communities **live within one mile of a bike route** (4.2); 78.6% **live within ¼ mile of transit route** (5.8); 89.5% **live within ½ mile or 10-minute walk of parkland** (8.3).
- Communities report 817 **public electric vehicle charging stations** and 16 Step 5 communities saw an increase in 2023. (Metric 5.1)
- Communities reported adding an average of 13% **affordable housing units** (of total housing added), down from 33% in 2022. (Metric 7.6)
- Reporting communities average 38% of **total public acres in open space** (8.1); an average of 1,792 acres per community (8.2); and an average of 29% **tree canopy** across the community (8.4).
- Communities reported planting a total of 8,516 **new trees** in their communities, an increase for 11 Step 5 communities. (Metric 8.6)
- Communities reported **Stormwater Assessment scores** of an average of 48.5% overall and 55.7% for the climate adaptation score (Metric 9.1 and 9.2)
- Communities average 69 **daily residential gallons of water** used per person/per day. (Metric 10.1) and 62.2 **daily business gallons of water** used per job/per day. (Metric 10.2)
- Communities average 64.4 **daily residential gallons of wastewater** used per person/per day. (Metric 11.1) and 31.9 **daily business gallons of wastewater** used per job/per day. (Metric 11.2)
- Communities reported an average of 4.2 pounds of **solid waste generated** per resident/per day, a slight decrease over 2023 metrics. (Metric 13.1)
- 2023 Step 4&5 communities reported a collective total of 5,232 **municipal and private renewable energy generation sites** – an increase of 834 sites compared to the previous year. (Metric 14.1)
- The average percent of total city energy use that is met by **generated and/or purchased renewable energy** increased from 36% in 2021 to 43.3%. (Metric 14.6)

## Apple Valley

<b>Step 4</b>	2020-2024
<b>Step 5</b>	2021-2024

- 100% of traffic lights are LED.
- 100% of Apple Valley's housing is located within 1 mile of a bike route.
- Doubled the new number of new trees planted annually from 2020 (82) to 2023 (197).
- Improved Stormwater Assessment scores from 58 in 2019 to 68 in 2023; adaptation scores from 59 to 70.

## Bloomington

<b>Step 4</b>	2020-2024
<b>Step 5</b>	2021-2024

- Bloomington's average city gasoline fleet MPG in 2023 was 10.6 MPG, a steady increase over the years – up from 8.7 MPG in 2020.
- Increased the number of city-owned/leased electric vehicles in city fleet from 2 in 2019 to 9 in 2023.
- 100% of housing is located within 1 mile of a bicycle route.
- Increased the number of public electric vehicle charging stations from 32 in 2019 to 94 in 2023; the most of any Step 4/5 reporting city.
- 100% of areas across Bloomington is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 73% of the city is in open space.
- Bloomington scored the highest Stormwater Assessment scores of any Step 4/5 reporting city with 82% and 96% (adaptation).
- Increased the number of city-owned and private renewable energy generation sites from 76 (985kW) in 2019 to 260 (8521 kW) in 2023.

## Burnsville

<b>Step 4</b>	2016-2017, 2019-2020, 2023-2024
<b>Step 5</b>	2017, 2019-2020, 2023-2024

- 100% of traffic signals are LEDs.
- 98% of housing is located within 1 mile of a bicycle route.
- The number of publicly available electric vehicle charging ports in the city has increased from 0 in 2017 to 24 in 2023.
- 99.93% of areas across Burnsville is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 95% of housing units within 3/4 miles of transit routes.
- 100% of water bodies in the city show *at least* good clarity readings.
- 15.3% of residential solid waste is composted, up from 6% in 2019.
- Increased the number of city-owned and private renewable energy generation sites from 8 (185 kW) in 2019 to 114 (1632.88 kW) in 2023.

- Increased annual renewable energy purchases for city operations from 0 MWh in 2022 to 7239983 kWh in 2023. 75% of total city operations energy use is covered by generated and purchased renewable electricity.

### Coon Rapids

<b>Step 4</b>	2022-2024
<b>Step 5</b>	2022-2024

- Increased the % of LEDs in city streetlights from 41.8% in 2021 to 67% in 2023; improved % of LED traffic signal lights from 32.6% to 69% for the same years.
- 100% of Coon Rapid's housing is within 1 mile of a bike route.
- 100% of the city's 268 net new trees planted in 2023 were considered 'likely to thrive.'
- Improved Stormwater Assessment scores from 46 in 2021 to 59 in 2023.
- Increased the number of city-owned and private renewable energy generation sites from 13 (101.8 kW) in 2019 to 137 (3960.62 kW) in 2023.

### Cottage Grove

<b>Step 4</b>	2023-2024
<b>Step 5</b>	2023-2024

- 100% of city-owned traffic signals are LED.
- 8 private green certifications are located in Cottage Grove, including LEED, ENERGY STAR, and Green Building Initiative.
- Cottage Grove's average city gasoline fleet MPG in 2023 was 12.95 MPG, up from 10.4 MPG in 2021.
- 87.3% of total city acres are open space, with 1901.1 acres of parkland in 2023, up from 85.32% and 1821.1 acres in 2021.
- 82.6% of the city's 158 net new trees planted in 2023 were considered 'likely to thrive', up from 17% of 120 trees in 2022.
- Increased the number of city-owned and private renewable energy generation sites from 50 (539 kW) in 2021 to 121 (1814 kW) in 2023 (more than 3x!).
- Cottage Grove add 43 MWhr of annual production at city-owned renewable energy generation sites in 2023.

### Duluth

<b>Step 4</b>	2020-2024
<b>Step 5</b>	2021-2024

- Duluth's average city gasoline fleet MPG in 2023 was 12.1 MPG; diesel is 6.2 MPG, a steady increase over the years – up from 1.5 MPG gasoline and 4.0 MPG diesel in 2020.
- Increased the number of city-owned/leased electric vehicles in city fleet from 0 in 2022 to 5 in 2023.
- Increased the number of public electric vehicle charging stations from 9 in 2019 to 65 in 2023.

- Duluth city population traveled 11.7 vehicle miles per person, per day on average in 2023, down from 21 miles per person in 2020.
- City employees in single occupancy vehicles have reduced vehicle miles traveled per person, per day - round trip from 26 miles in 2022 to 10.2 miles in 2023.
- Improved Stormwater Assessment scores from 46 in 2021 to 54 in 2023; adaptation scores from 58 to 65.
- Increased the number of city-owned and private renewable energy generation sites from 208 (1884 kW) in 2019 to 532 in 2023.
- Increased the number of residents/businesses participating in renewable energy purchasing/green power programs from 89 in 2019 to 679 in 2023 (more than 7x!).
- 77.07% of total city operations energy use in 2023 was generated (1484 MWhr/year) or purchased (1423.25 MWhr/year) by renewable electricity, up from 31.23% in 2021.
- Police biked 2623 miles in 2023.

## Eagan

<b>Step 4</b>	2017-2024
<b>Step 5</b>	2018-2024

- 100% of traffic lights are LED.
- Eagan’s average city gasoline fleet MPG in 2023 was 13.35 MPG; diesel is 5.69 MPG, a steady increase over the years – up from 7.6 MPG gasoline and 3.94 MPG diesel in 2016.
- Increased the number of city-owned/leased electric vehicles in city fleet from 4 in 2017 to 8 in 2022.
- 100% of Eagan’s housing is within ½ mile of a bike route.
- The number of publicly available electric vehicle charging stations in the city has increased from 2 in 2016 to 41 in 2023.
- 100% of the city’s 311 net new trees planted in 2023 were considered ‘likely to thrive’.
- Increased the Stormwater Assessment adaptation score from 65% in 2020 to 73% in 2023.
- Doubled the number of city-owned and private renewable energy generation sites from 141 sites (3880 kW) in 2021 to 297 (4138kW) sites in 2023.
- 100% of the electricity used by the municipality is purchased from renewable energy through utility providers.
- Eagan hired its first Sustainability Coordinator in 2023!
- Eagan established a Sustainability Fund the utility franchise fees in 2023.

## Eden Prairie

<b>Step 4</b>	2016-2024
<b>Step 5</b>	2017-2024

- 100% of streetlights and traffic lights are LEDs.
- Increased the number of city-owned or leased electric vehicles in the fleet from 0 in 2018 to 10 in 2023.
- 100% of Eden Prairie’s housing is within ½ mile of a bike route.
- The number of publicly available electric vehicle charging stations in the city has increased from 10 in 2018 to 27 in 2023.
- 100% of the city’s 378 net new trees planted in 2023 were considered ‘likely to thrive’.

- Increased the Stormwater Assessment scores from 32% (21% adaptation score) in 2020 to 69% (74%) in 2023.
- 100% of waterbodies in the city show at least good clarity readings.
- 13% of residential solid waste is composted.
- Increased the number of city-owned and private renewable energy generation sites from 137 (2749 kW) in 2021 to 255 (16711.57 kW) in 2023.
- Increased the annual production of city-owned renewable energy generation from 28 MWh in 2020 to 704.8 MWh in 2023.
- Increased annual renewable energy purchases for city operations from 0 MWh in 2019 to 3694.02 MWh in 2023. 18.9% of total city operations energy use is covered by generated and purchased renewable electricity.

## Edina

<b>Step 4</b>	2018, 2020-2021, 2024
<b>Step 5</b>	2020-2021, 2024

- Reduced kBtu per square foot per year in city buildings from 107.9 in 2017 to 89.62 in 2023.
- Increased LED streetlights that are owned by the city from 50.6% in 2017 to 95% in 2023; 100% of traffic lights and 75% of city buildings and property are LEDs.
- Edina owns or leases 8 vehicles in their city fleet.
- Increased the number of public electric vehicle charging stations from 4 in 2016 to 15 in 2023.
- The percentage of people in Edina working from home tripled after 2020, decreasing all other transportation mode percentages.
- Improved Stormwater Assessment scores from 41 in 2019 to 47 in 2023; adaptation scores from 51 to 60.
- Increased the number of city-owned and private renewable energy generation sites from 36 (377 kWh) in 2016 to 160 (2714.7kW) in 2023.

## Elk River

<b>Step 4</b>	2016-2022
<b>Step 5</b>	2017-2022

- Increased LED streetlights that are owned by the city and utility from 23% in 2017 to 51.7% in 2021; 100% of traffic lights and 100% of city buildings and property are LEDs.
- As of 2021, the city now has 8 hybrid vehicles on the city fleet.
- Elk River added 9.1 miles of new or reconstructed sidewalks & trails in 2021, one of the highest of any Step 4/5 reporting city.
- Residential organics recycling steadily increased from 0.27% in 2018 to 0.36% in 2021.
- Increased the number of city-owned and private renewable energy generation sites from 10 in 2018 to 30 in 2021.
- 100% of total city operations energy use that is generated or purchased renewable electricity, an increase from 17% in 2018.
- Elk River saw a reduction in community-wide *travel*, *energy*, and *overall* greenhouse gas emissions in 2021. Between 2021 and 2018, this is an overall reduction of 53,332 tonnes of CO<sub>2</sub>e – the [equivalent](#) of

removing 11,491 gasoline-powered passenger vehicles driven for one year or adding 14.5 wind turbines running for a year.

### Falcon Heights

<b>Step 4</b>	2017-2024
<b>Step 5</b>	2018-2024

- 100% of street, traffic, and city building/property lights are LEDs.
- 100% of housing is located within 1 mile of bike routes and ¾ mile of transit routes.
- 80% of the city is in open space, the most of any Step 4/5 reporting city.
- Saw an increase in canopy coverage from 20% in 2017 to 42.3% in 2023.
- Increased the number of city-owned and private renewable energy generation sites from 17 (127 kWh) in 2019 to 41 (939.61kW) in 2023.
- 100% of housing is located within 1 mile of local food venue and fresh fruits and vegetables.

### Fridley

<b>Step 4</b>	2022-2024
<b>Step 5</b>	2023-2024

- Reduced kBtu per square foot per year in city buildings from 83.29 in 2021 to 49.84 in 2023.
- 100% of Fridley's housing is within 1 mile of a bike route.
- 99.99% of areas across New Brighton is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 100% of housing units are located within ¾ miles of transit routes.
- 99% of Fridley's housing is within ½ mile (a 10 minute walk) of parkland.
- 48% of the 105 net new trees planted in 2023 were tree species considered “likely to thrive,” up from 38% in 2022.
- Increased the number of city-owned and private renewable energy generation sites from 15 (1657kW) in 2019 to 38 (2410.77kW) in 2023.
- 42.6% of the city's operations use is generated and purchased renewable energy.

### Golden Valley

<b>Step 4</b>	2019-2024
<b>Step 5</b>	2021-2024

- 100% of traffic signal lighting is LED.
- 100% of housing units are located within 1 mile of a bike route and ¾ mile of public transit options.
- Saw an increase in the number of public EV charging stations (ports) from 2 in 2016 to 34 in 2022.
- 76% of the 33 net new trees planted in 2023 were tree species considered “likely to thrive,” up from 35% in 2021.
- Improved Stormwater Assessment scores from 55 in 2018 to 61 in 2023; adaptation scores from 54 to 61.

- Increased the number of city-owned and private renewable energy generation sites from 65 (839 kW) in 2017 to 347 (4838.39 kW) in 2023.
- Golden Valley residents have a mixed recycling participation rate of 95%; organics recycling participation rate of 41%.

### Hopkins

<b>Step 4</b>	2022-2024
<b>Step 5</b>	2023-2024

- Increased the percent of LED used in city buildings and property 61.8% in 2021 to 100% in 2023.
- 100% of Hopkin's housing is located within 1 mile of a bike route and the city scored a 70 Bike Score, making it very bikeable for most trips.
- City employees in single occupancy vehicles reduced their average round-trip vehicle miles traveled from 21 miles in 2021 to 17.99 miles in 2023.
- Increased the number of city-owned and private renewable energy generation sites from 28 (339 kW) in 2021 by double to 42 (921.84 kW) in 2022.
- 81.37% of total city operations energy use that is generated or purchased renewable electricity (400 MW generated; 2887.04 MW purchased).
- Hopkins created and hired a new City position – Sustainability Specialist!

### Hutchinson

<b>Step 4</b>	2016-2024
<b>Step 5</b>	2017-2024

- Increased the percent of LED streetlights owned by the city annually from 1.8% in 2015 to 48% in 2023.
- 100% of traffic lights are LED
- LEDs in city buildings and property increased from 7.5% in 2018 to 75% in 2023.
- 100% of Hutchinson is located within 1 mile of a bike route and the city scored a 75 Bike Score, making it very bikeable for most trips and the highest reported score of any Step 4/5 reporting city.
- 99.99% of areas across New Brighton is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 100% of housing is located within ½ mile (10 min. walk) of parkland.
- 100% of the 393 trees planted in 2023 were tree species considered “likely to thrive.”
- Increased the number of city-owned and private renewable energy generation sites from 4 (420 kW) in 2018 to 18 (1703 kW) in 2022.

### Inver Grove Heights

<b>Step 4</b>	2020-2024
<b>Step 5</b>	2021-2024

- 100% of traffic lights are LED.
- 99.87% of Inver Grove Height’s housing is within 1 mile of a bike route.
- 86% of Inver Grove Height’s housing is within ½ mile (a 10 minute walk) of parkland, up from 62% in 2019.

- Increased the number of city-owned and private renewable energy generation sites from 19 (146 kW) in 2019 to 171 in 2023.

**Jordan**

<b>Step 4</b>	2020-2023
<b>Step 5</b>	2021-2023

- Reduced kBtu per square foot per year in city buildings from 2806.44 in 2019 to 192.84 in 2022.
- Increased streetlights using LEDs from 21% in 2019 to 45% in 2022.
- 100% of Jordan's housing is located within 1 mile of a bike route.
- 100% of Jordan's housing is located within 1/2 mile (10-min. walk) of parkland and total parkland increased from 192.37 in 2020 to 226.58 in 2022.
- Water usage decreased across city operations, residents, and businesses in 2022.
- 100% of water bodies show at least "good" water clarity.
- 120% of Jordan's total city operations use in renewable energy, purchasing 47677 MWhrs of renewable energy.
- Organics and yard waste collection site started in 2021 with 170 participants and grew to 234 participants in 2022.

**La Crescent**

<b>Step 4</b>	2022-2023
<b>Step 5</b>	2023

- Reduced kBtu per square foot per year in city buildings from 70.48 in 2021 to 65.38 in 2022.
- 100% of La Crescent's traffic signals are LED.
- 100% of housing is located within 1 mile of a bicycle route and the city scored a 75 Bike Score, making it very bikeable for most trips.
- La Crescent planted 100 net new trees in 2022, up from 80 in 2021.
- Improved Stormwater Assessment scores from 34 in 2021 to 42 in 2022; adaptation scores from 43 to 52.
- 100% of water bodies in the city show at least "good" clarity readings.
- Increased the number of city owned and private renewable energy generation sites from 40 (262.42 kW) in 2021 to 46 (326.6 kW) in 2022.
- 87% of La Crescent's total city operations use renewable energy (generated and purchased).
- 100% of La Crescent's housing is located within 1 mile of a local food venue and fresh fruits and vegetables.

**Lake Elmo**

<b>Step 4</b>	2024
<b>Step 5</b>	2024

- Improved Stormwater Assessment scores from 18 in 2022 to 24 in 2023; adaptation scores from 26 to 30.
- 0% sewer relined or manholes replaced since the system is relatively new and tight.



## Mahtomedi

<b>Step 4</b>	2019-2024
<b>Step 5</b>	2021-2024

- 100% of street and traffic lights are LED.
- Mahtomedi’s average city gasoline fleet MPG in 2023 was 10.79 MPG; diesel is 8.03 MPG, a steady increase over the years – up from 7.8 MPG gasoline and 5.75 MPG diesel in 2018.
- 100% of housing is located within 1 mile of a bicycle route.
- 100% of areas across Mahtomedi is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 43.5% of all new housing units added in 2023 were affordable units.
- Improved Stormwater Assessment scores from 53 in 2020 to 61 in 2022.
- Increased the number of city-owned and private renewable energy generation sites from 8 (19.72 kW) in 2018 to 52 (302 kW) in 2023.
- Mahtomedi purchases 610.37 MWhr/yr of renewable energy for city operations.
- 100% of housing is located within 1 mile of a local food vendor.
- Mahtomedi saw a reduction in community-wide travel greenhouse gas emissions in 2023.

## Maplewood

<b>Step 4</b>	2016-2024
<b>Step 5</b>	2017-2024

- 100% of traffic lights are LEDs; increased LED streetlights from 67% in 2018 to 100% in 2022; increased city building LEDs from 33% in 2018 to 96% in 2023.
- 100% of Maplewood residents are within 1 mile of a bicycle route.
- 100% of Maplewood residents live within ¾ miles of transit routes.
- 100% of net new trees planted in 2023 are considered ‘likely to thrive’, up from 29% in 2021.
- Decreased the percent of impaired waters from 70% in 2021 to 38% in 2023.
- Increased the number of city-owned and private renewable energy generation sites from 32 (524 kW) in 2018 to 118 (1559.15 kW) in 2023.
- Maplewood saw a reduction in community-wide travel and waste greenhouse gas emissions in 2023.
- Road salt used in 2023 (387 pounds) was substantially lower than previous years (800-1000 pounds), although this is not weather-normalized.
- 8 raingardens were installed in 2023 (6 on private property with RWMWD and 2 infiltration basins).

## Marshall

<b>Step 4</b>	2022-2023
<b>Step 5</b>	2022-2023

- 100% of Marshall residents are within 1 mile of a bicycle route, an increase over 62% in 2017.
- Marshall reported the highest walk score at 77 of any Step 4/5 reporting city.

- Increased percent of affordable housing units added as a percent of all new housing units from 14.29% in 2020 to 16.39% in 2021.

**Minnetonka**

<b>Step 4</b>	2019-2024
<b>Step 5</b>	2020-2024

- Reduced kBtu per square foot per year in city buildings from 161.65 in 2021 to 118.39 in 2023.
- 100% of housing is located within 1 mile of bicycle route.
- Saw an increase in the number of public electric vehicle charging stations from 5 in 2021 to 18 in 2023.
- 38.5 acres of new development occurred on previously developed land in 2023.
- 95% of net new trees planted in 2023 are considered ‘likely to thrive’, up from 75% in 2019.
- Decreased the number of impaired waters from 8 in previous reporting years to 6 in 2023.
- Increased the number of city-owned and private renewable energy generation sites from 73 (661 kW) in 2019 to 163 (5543 kW) in 2023.
- 91% of total city operations energy use is generated or purchased (70%) by renewable electricity, up from 37% in 2018.

**Moorhead**

<b>Step 4</b>	2021-2024
<b>Step 5</b>	2022-2024

- 100% of traffic lights are LEDs.
- 100% of housing is located within 1 mile of bicycle route.
- 100% of areas across New Brighton is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 14.8% (26 units) of all new housing units added in 2022 were affordable.
- 75.3% of total city acres is open space.
- 56% of total city operations energy use is generated (534 MWhr/year) or purchased (13675 MWhr/year) by renewable electricity.
- 11 total backyard chicken permits have been approved.

**Morris**

<b>Step 4</b>	2021, 2023
<b>Step 5</b>	2023

- 100% of street, traffic, and city building/property lights are LEDs.
- An organics recycling program launched and is estimated to have 2% of food waste diverted from the waste stream.

- Installed 4 solar PV sites in 2021/22 - 23 kW array at city hall, a 31 kW array at the community center, a 36 kW array at the library, and a 23 kW array at the municipal liquor store, producing 118.8 MWhr/year and generating electricity to cover 7.4% of total city operations.
- 90% of housing is located within 1 mile of a local food vendor and fresh fruits/vegetables.
- Morris developed it's own comprehensive Greenhouse Gas and Nitrogen Emissions Inventory for 2020-2022.

**New Brighton**

<b>Step 4</b>	2019-2024
<b>Step 5</b>	2020-2024

- 100% of street, traffic, and city buildings/property lighting use LEDs.
- 1 electric vehicle was leased/purchased for New Brighton's city vehicle fleet in 2022.
- 100% of housing is located within 1 mile of bicycle route, up from 95% in 2018.
- Saw an increase in the number of public electric vehicle charging stations from 4 in 2022 to 15 in 2023.
- 100% of areas across New Brighton is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 100% of New Brighton's housing is located within a 1/2 mile or 10-minute walk of parkland.
- 100% of new trees planted in 2023 are considered “likely to thrive” species.
- 100% lake, river, and wetland shoreline have at least 50' vegetation buffer.
- Increased the number of city owned and private renewable energy generation sites from 47 (833 kW) in 2020 to 89 (1571 kW) in 2023.

**Nisswa**

<b>Step 4</b>	2020-2022
<b>Step 5</b>	2022

- 90% of city building/property lights are LEDs; the city doesn't own any street or traffic lights.
- Nisswa's average city gasoline fleet MPG is 13.5 MPG; diesel is 15.9 MPG, the highest of any Step 4/5 reporting city.
- Increased the number of city-owned/leased electric vehicles in the city fleet from 2 to 3 in 2021.
- Nisswa city population travels just 7.7 vehicle miles per person, per day on average - the least of any Step 4/5 reporting city.
- Nisswa planted 10 net trees in 2021, up from 0 in 2020.
- Nisswa saw a reduction in community-wide *travel, waste, energy, and overall* greenhouse gas emissions in 2021. Between 2020 and 2018, this is an overall reduction of 4,885 tonnes of CO2e – the [equivalent](#) of removing 1,053 gasoline-powered passenger vehicles driven for one year or adding 1.3 wind turbines running for a year.
- 97% of high school students graduate; 44% attain a Bachelor's degree or higher.

## Northfield

<b>Step 4</b>	2020-2024
<b>Step 5</b>	2021-2024

- 100% of traffic lights and city buildings and property use LED lighting.
- Northfield's city vehicle fleet added 2 leased or owned electric vehicles in 2023, for a total of 3.
- 100% of housing is located within 1 mile of bicycle route.
- 75% of all new housing in 2023 were affordable housing units.
- 100% of Northfield's housing is located within ½ mile or 10-minute walk of parkland.
- Improved Stormwater Assessment scores from 40 in 2019 to 47 in 2022; adaptation scores from 35 to 42.
- Increased the number of city owned and private renewable energy generation sites from 99 (675 kW) in 2020 to 143 (1526.55 kW) in 2023.
- Increased solar garden purchases from 1675.52 MWhr/year in 2019 to 2001.98 MWhr/year in 2023.

## North Saint Paul

<b>Step 4</b>	2019-2020, 2023-2024
<b>Step 5</b>	2020, 2023-2024

- 100% of streetlights, 100% of traffic lights, and 97% of city buildings and properties are LEDs.
- 100% of housing is located within 1 mile of a transit route.
- 100% of areas across North Saint Paul is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 99.7% of North Saint Paul's housing is located within 1/2 mile of a 10-minute walk of parkland/ open space.
- 100% of total city operations energy use is generated or purchased renewable electricity.

## Oakdale

<b>Step 4</b>	2017-2024
<b>Step 5</b>	2018-2024

- 100% of traffic lights are LEDs.
- Oakdale installed 3.42 miles of new or reconstructed sidewalk and trail in 2023 – more than any previous reported years.
- 100% of housing is located within 1 mile of bicycle route.
- 99.99% of areas across North Saint Paul is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 98.5% of Oakdale's housing is located within 1/2 mile or 10-minute walk of parkland.
- Oakdale purchases 4018.8 MWhr/yr of renewable energy for city operations in 2023, up from 0 in 2018 and covering 80.86% of total city operations electricity needs.
- Oakdale received the Bronze certification for the Charging Smart program in 2023.
- Restoration work of open space in the developing Willowbrooke neighborhood started in 2023.

## Red Wing

Step 4	2017-2022
Step 5	2018-2022

- 99% of street lights and 100% of traffic lights are LEDs.
- Increased the number of public electric vehicle charging stations from 4 in 2017 to 7 in 2020.
- Red Wing's Location Affordability Index number for housing and transportation – 58 – is the highest of any Step 4/5 reporting city.
- 45% of all new housing were affordable housing units in 2021.
- 38% of residential solid waste is recycled, up from 27% in 2020.
- Red Wing purchases 4,637 MWhr/yr of renewable energy for city operations, amounting to 120% of total city operations energy use that is generated or purchased renewable electricity, the most of any Step 4/5 reporting city.
- Red Wing saw a reduction in community-wide *travel, waste, energy, and overall* greenhouse gas emissions in 2021. Between 2020 and 2018, this is an overall reduction of 41,940 tonnes of CO<sub>2</sub>e – the [equivalent](#) of removing 9,037 gasoline-powered passenger vehicles driven for one year or adding 11.4 wind turbines running for a year.
- In 2021, Red Wing coordinated a local cleanup event with Prairie Island Indian Community
- Red Wing created a Sustainable Red Wing Award and selected its first recipient in 2021.

## Robbinsdale

Step 4	2024
Step 5	

- 3 private green certifications are located in Robbinsdale, including LEED, ENERGY STAR, and National Wildlife Fund Certified Wildlife Habitat.
- City diesel fleet averages 22.54 miles per gallon, the highest of any Step 4/5 reporting participant.
- 100% of Robbinsdale's housing is located within 1 mile of a bike route.
- 100% of areas across Robbinsdale is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 100% of Robbinsdale's housing is located within 3/4 mile of a transit route.
- The city replaced .65 miles of sanitary sewer pipe (43.5 miles total) and replaced 13 of our 1011 manholes in 2023, equivalent to an average of 1.4% of the whole system
- 100% of lake, river, and wetland shoreline within the city has at least a 50' vegetation buffer.
- 100% of housing is located within 1 miles of a local food venue and fresh fruits and vegetables.

## Rochester

Step 4	2018, 2020-2022, 2024
Step 5	2018, 2020-2022, 2024

- Rochester has 9 city-owned/leased electric vehicles in the city fleet.
- 29 public electric vehicle charging ports are available in Rochester, up from 20 in 2021.
- 78.16% of Rochester's residents commute fewer than 20 minutes to work, up from 74.6% in 2021.

- 26.9% of all new housing constructed in 2023 were affordable units.
- 42% of total city acres is 'open space'.
- Increased the number of city-owned and private renewable energy generation sites from 138 in 2019 to 549 in 2023.
- 25% of total city operations energy use that is generated or purchased renewable electricity, up from 17% in 2019.

**Roseville**

<b>Step 4</b>	2020-2024
<b>Step 5</b>	2021-2024

- 100% of street lights, traffic lights, and city buildings and properties are LEDs.
- Increased the number of public electric vehicle charging stations to 36 in 2023.
- 100% of Roseville's housing is located within 1 mile of a bicycle route.
- 100% of housing is located within ¼ mile of transit routes.
- LMC Sustainable City awarded in 2023.
- MNCEE Home Energy Squad InterCity Challenge winner in 2023 (most HES visits per capita).

**Saint Anthony Village**

<b>Step 4</b>	2016-2024
<b>Step 5</b>	2017-2024

- 100% of street and traffic lights are LEDs.
- 100% of housing is located within ¼ mile of transit routes.
- 100% of Saint Anthony Village's housing is located within ½ mile or 10-minute walk of parkland.
- Increased the number of public electric vehicle charging stations from 0 in 2022 to 9 in 2023.
- 26.69% of residential waste was composted in 2023.
- Increased the number of city-owned and private renewable energy generation sites from 15 (138.15 kW) in 2018 to 40 (420 kW) in 2023.
- Saint Anthony Village purchased 651 MWhr/yr of renewable energy for city operations, up from 469.2 in 2019; accounting for 40.9% of total city operations energy needs.

**Saint Louis Park**

<b>Step 4</b>	2020-2024
<b>Step 5</b>	2021-2024

- Reduced kBtu per square foot per year in city buildings from 118.87 in 2019 to 91.69 in 2023, a steady decrease year over year, not seen in other Step 4/5 reporting communities.
- 100% of city traffic lights are LED.
- 95% (1,497,809 square feet) of new construction was built in the city in 2023 under the city's Green Building Policy, LEED, or Energy Star certifications.
- Increased the number of city-owned/leased electric vehicles in the city fleet from 3 in 2020 to 8 in 2023.
- 100% of housing is located within 1 mile of a bicycle route.
- 100% of St. Louis Park's housing is located within 3/4 mile of transit routes.
- 1,839 net new trees were planted in 2023.

- Increased the number of city-owned and private renewable energy generation sites from 51 (741 kW) in 2019 to 179 (3069kW) in 2023.
- Annual production on city-owned renewable energy generation sites (477 MWh) and purchased renewable energy (16422.34 MWh) supplied 100% of all city operations energy needs in 2023.

**Saint Paul**

<b>Step 4</b>	2017-2019
<b>Step 5</b>	2018-2019

- 100% traffic signals are LED.
- Increased the amount of open space by 1% in 2019.
- Increased the percent of total city operations using renewable energy from 1% to 16% in 2019.

**Savage**

<b>Step 4</b>	2022-2024
<b>Step 5</b>	2022-2024

- 3.8 miles of newly constructed sidewalks or trails were completed in 2023.
- 100% of housing is located within 1 mile of a bike route.
- 100% of new trees planted in 2023 are considered “likely to thrive” species.
- Reduced water use by non-residents and from city operations (summer) in 2023.
- 100% of water bodies in the city showing at least good clarity readings.
- The City of Savage has 2 community gardens.

**Shoreview**

<b>Step 4</b>	2018-2020, 2022-2024
<b>Step 5</b>	2019-2020, 2022-2024

- Increased percent of streetlights that are LED from 35% in 2017 to 58% in 2023; city buildings/property from 66% to 80%.
- 100% of Shoreview’s housing is within 1 mile of a bike route.
- Increased the number of public electric vehicle stations from 0 to 11 in 2023.
- 99.96% of areas across Shoreview is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 95% of housing is located within ¼ mile of transit routes.
- Saw a reduction in annual city operations gallons during the summer months (June-October) from 319,000,00 gallons to 1,7480,000 gallons.
- Increased the number of city-owned and private renewable energy generation sites from 32 (352 kW) in 2019 to 124 (1846.03 kW) in 2023.

## South Saint Paul

Step 4	2021-2022, 2024
Step 5	2022, 2024

- 100% of city street lights are LEDs; 90% of city traffic lights are LEDs.
- 100% of areas across South Saint Paul is served by broadband speeds of at least 100 Mbps download/ 20 Mbps upload.
- 100% of housing is located within ¼ mile of transit routes.
- 6.22 acres of new development in 2023 occurred on previously developed land.
- 80% of land within residential or mixed zoning districts with dwelling units per acre at/above 7.0.
- 94% of South Saint Paul’s housing is located within ½ mile or 10-minute walk of parkland.
- 123 net new trees were planted in 2023, the most the city has planted at one time in several decades.
- Increased the number of city owned and private renewable energy generation sites from 22 (2045 kW) in 2020 to 78 (2879 kW) in 2023.

## White Bear Lake

Step 4	2018
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- White Bear Lake reported 6 EV charging stations in 2018.
- 100% of White Bear Lake’s housing is located within ½ mile of parkland.

## Woodbury

Step 4	2019-2024
Step 5	2019-2024

- 100% of city-owned street and traffic lights are LEDs.
- Woodbury leased or owns a total of 14 electric vehicles on their city fleet (8 vehicles and 6 plug-in EVs for parks maintenance); the highest of any Step 4/5 reporting city.
- 100% of housing is located within 1 mile of bicycle route.
- Increased the number of acres that are parkland from 3386.2 in 2017 to 3647.45 in 2023.
- 100% of residents are located within a ½ mile or 10-minute walk of a park.
- 100% of lake shoreland has at least a 50' vegetation buffer.
- Increased the number of city-owned and private renewable energy generation sites from 63 (1045 kW) in 2017 to 704 (11234 kW) in 2023.
- 39.9% of total city operations energy use that is generated (PV array at City Public Safety building) or purchased (community solar subscriptions) renewable electricity.
- Removed 800 tons of material through enhanced street sweeping methods in 2023.
- Woodbury Water Wise Implementation Plan adopted in 2023.
- A 2023 online questionnaire about the importance and values felt toward environmental stewardship indicated that 95% of respondents noticed some sign of environmental impacts and 83% believe the city should be a leader when it comes to environmental stewardship.