

CITY OF MINNEAPOLIS

# community indicators

Committee of the Whole Presentation

September 9, 2015



# Community indicators overview

Help communities answer the question: "Are we there yet?"

- Community Indicators look at the big picture measures that reflect the realities being experienced by our community

Developed to measure progress towards City goals and in response to staff direction

- *"Develop measures for Minneapolis' adopted values, goals and strategic directions and seek stakeholder and community perspective on measures to be developed."*

Will serve as the basis for goal-based Results Minneapolis reports

- Community indicators will guide development of *Results Minneapolis* reports
- Community indicator and associated data points will be analyzed by City staff and compiled into reports to inform City decision making
- Reports will be discussed in progress conferences by both internal and external stakeholders

# Community indicators: characteristics

## What Community Indicators Are

- Broad measures of community health and wellbeing
- Measures that people who live and work in Minneapolis care about
- Measures of all City goals
- Often preferred by community members

## What Community Indicators Are Not

- Measures that can tell a complete story by themselves
- Unchangeable
- Programmatic measures of City enterprise outputs

# Community indicator setting process

Past

Now

Next

Future

## Develop community indicators

- Policy-level guidance
- Literature review and review of current measures (Sustainability and Results Minneapolis)
- Community, City staff and policy maker engagement
- Refinement and selection of final indicators

## Community Indicator Adoption

- Reviewed indicators with committee chairs
- Presented subset at HECE
- Refined indicators with subject matter experts
- Amended initial indicator proposal

## Community Indicator Website Development

- Prepare Community Indicator data to be presented and shared publicly

## Design

## Results Minneapolis Conferences

- City Goal and Department-level Results reporting

## Update Community Indicators

- Initial update with placeholder indicators
- Thereafter, every two years

# Review of proposal updates

## Original Proposal

## Updated Proposal

Percentage of people who live within ½ mile of transit routes and bikeways

Commute mode share for Minneapolis residents and Minneapolis workers

Percentage of households that pay more than 30 percent of their gross income for housing

Percentage of households that pay more than 30 percent of their gross income for housing at (i) less than 30% Area Median Income, (ii) 31-50% Area Median Income, (iii) 51-80% Area Median Income

Number of properties in Tier 2 and Tier 3 rental licensing

Percentage of residents living in quality housing, including infrastructure condition

Opportunities to participate in City decision making

Resident rating of trust in Minneapolis City government

LAURI Index for Minneapolis' eight swimming lakes

LAURI Index for Minneapolis' eight swimming lakes  
The number of impairments of Minneapolis surface-water bodies (includes lakes, creeks, wetlands and Mississippi River)

Resident rating of proximity to parks that meet their household's needs

Resident rating of proximity to parks that meet their household's needs  
Percentage of Minneapolis land area with access to public green space and tree canopy at three tiers: good, limited and low

# Updated indicator proposal: Commute mode share

**Measure:** Commute mode share: (i) Percent of Minneapolis residents driving alone, (ii) Percent of Minneapolis workers driving alone, (iii) Percent of Minneapolis residents carpooling, (iv) Percent of Minneapolis residents using public transportation, (v) Percent of Minneapolis residents walking, (vi) Percent of Minneapolis residents taking a taxicab or motorcycle

**Data Sources:** American Community Survey

**Data broken out by:** Citywide

**Potential contextual measures:** Cyclists and pedestrians counted, transportation habits (Resident Survey question), air quality measures

**Potential determinants:** (a) Miles of bikeways (all types), (b) Miles of transit routes (all types), Number of transit stops (high-frequency, regular)

**Primary Department:** Public Works

**Related departments/community partners:** Health, Sustainability, CEAC, Bicycle Advisory Committee, Pedestrian Advisory Committee, Metro Transit, Hennepin County, Minneapolis Bicycle Coalition, University of Minnesota

## Considerations:

**Limitation:** Data is available, but is only available citywide and only for commuting to and from work

**Previous sustainability indicator?**

Yes  No

## Community feedback

Idea: Invest in bike infrastructure in low income neighborhoods in order to eliminate disparities and serve those communities that bike.

Idea: Safe ways to bike anywhere in Minneapolis

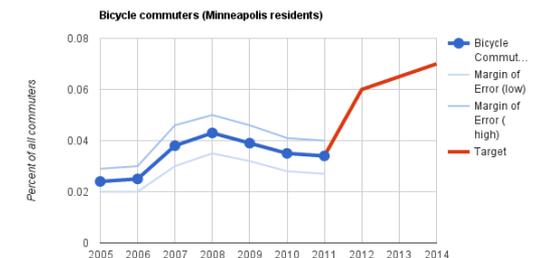
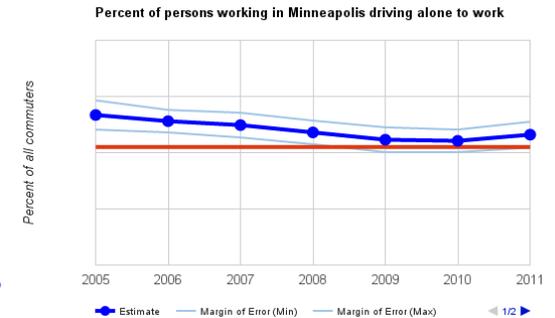
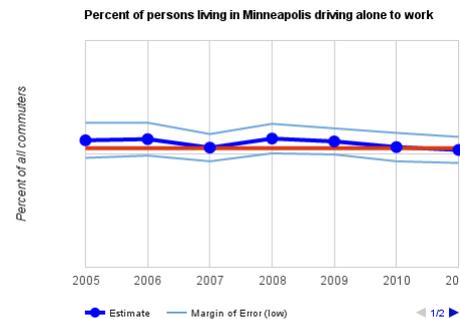
Idea: Bicycling increases

Idea: Multiple modes of transportation available and easily accessible

Idea: Midtown Greenway Transit

Idea: Common Sense Transportation (Transit users' perspectives carry weight on transportation project)

## Concept Visuals



# Updated indicator proposal: Cost-burdened households

**Measure:** Percentage of households that pay more than 30 percent of their gross income for housing at (i) less than 30% Area Median Income, (ii) 31-50% Area Median Income, (iii) 51-80% Area Median Income

**Data Source:** American Community Survey (U.S. Census Bureau)

**Data broken out by:** Race, Geographic area

**Potential contextual measures:** Changes over time, national, regional and state comparisons, comparison to other livability costs (like CPI, utilities), renter and homeowner, household income, householder employment status, homelessness rates, neighborhood crime rates

**Potential determinants:** Employment rates, wages and income, unemployment rates, housing supply and demand factors, affordable housing trust fund activities

**Primary Department:** CPED - Housing

**Related departments/community partners:** Health, CPED - Economic Development, NCR, Minneapolis public housing authority community stakeholders (PPL, Urban Homeworks)

## Considerations:

- Rationale:** Housing stability is foundational; it is a key determinant of other success factors, like employment and education.
- Rationale:** Tried to find a measure that could capture a variety of housing issues across demographics (age, race), for homeowners as well as renters.
- Limitation:** Does not explicitly measure homelessness; include homeless data as a contextual measure (From goal area meetings: Homelessness is important but prevention and causes are also very important).

9/9/2015

Previous sustainability indicator?

Yes  No

## Community feedback

Idea: Housing for all needs

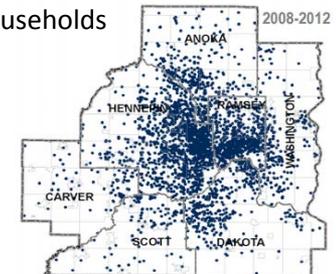
Idea: Homelessness

Idea: Affordable Living in Downtown

Idea: More Affordable Housing is Needed

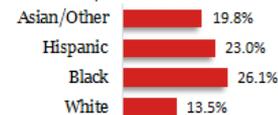
## Concept Visuals

Concentration of cost-burdened households

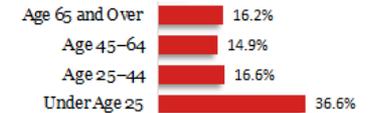


Percent of cost-burdened households

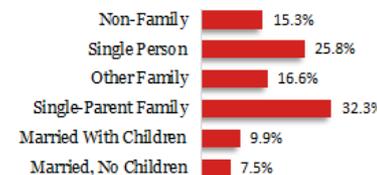
### RACE/ETHNICITY



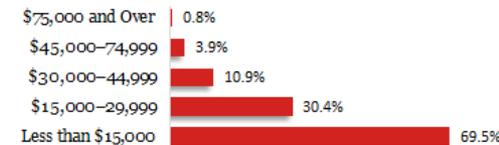
### AGE OF HOUSEHOLDER



### HOUSEHOLD TYPE



### HOUSEHOLD INCOME



# Updated indicator proposal: Quality housing infrastructure

**Measure:** Percentage of residents living in quality housing, including infrastructure condition

Note: To be determined as part of the Comprehensive Planning process

**Data Source:** CPED, Regulatory Services

**Data broken out by:** Geographic area

**Potential contextual measures:** Comparison to St. Paul (on tiered rental housing), rental/owner breakdown, environmental pollutants

**Potential determinants:** Number of properties in Tier 2 and Tier 3 rental licensing, foreclosures, rental conversions, housing cost burden, age of building, neighborhood conditions, property specific physical characteristics, inventory, money invested through City housing programs, building permits (capital improvements), landlord concerns

## Considerations:

- *Rationale:* Quality housing infrastructure is a key determinant of housing stability
- *Strength:* Data is available for rental properties and properties that are owned
- *Limitation:* This is a relatively new and innovative measure; national or regional comparisons are not available. Also cannot get longitudinal data.
- *Note:* Measure being developed. The concept for this measure has been discussed with CPED. This measure will be defined by the Housing task force for the Comprehensive Plan.

**Primary Department:** CPED

**Related departments/community partners:** Regulatory Services, Health, City Attorney, NCR

**Previous sustainability indicator?**

Yes  No

## Community feedback

Idea: Housing for all needs

Idea: Healthy and energy efficient rental housing

# Updated indicator proposal: Resident trust of Minneapolis City government

**Measure:** Rating of trust Minneapolis residents feel toward Minneapolis City government through a Resident Survey question similar to the following:

“How much trust do you have that, in interactions with Minneapolis City government, ...

- a. You will be treated with respect
- b. You will be treated fairly
- c. Important information will be made public
- d. Your participation in City decision-making can make a difference”

**Data Source:** Resident Survey (NCR)

**Data broken out by:** Race, geographic area, sex

**Potential contextual measures:** National comparisons of determinants (where possible), additional resident survey questions about trust, opportunities to participate and community connectedness, community connections conference data, NCR initiative evaluation data

**Potential determinants:** Voter turnout, representation on boards and commissions, language availability, connectedness to community, voter mobilization efforts, neighborhood organization specific data

## Considerations:

- *Limitation:* Trust is challenging to measure because it is based in emotion and reaction to past behavior.
- *Note:* Survey question being developed. The concept for this measure has been discussed with NCR, the City Clerk’s office, Audit, MPD and Communications.

**Primary Department:** NCR

**Related departments/community partners:** City Clerk, Communications, Audit, Minneapolis Police Department, Neighborhood Associations

**Previous sustainability indicator?**  Yes  No

## Community feedback

Idea: Use collective actions to listen to and address the needs of minority and low-income communities

Idea: Residents feel represented

# Updated indicator proposal: Healthy lakes, streams + rivers (measure 1)

**Measure:** Lake Aesthetic and User Recreation Index (LAURI Index) for Minneapolis' eight swimming lakes. Components: Public health, aesthetics, habitat quality, water clarity, recreational access

**Data Source:** Minneapolis Park and Recreation Board

**Data broken out by:** Geographic area (eight lakes are measured)

**Potential contextual measures:** LAURI Index over time, [Impaired waters \(TMDL status\)](#), measures from MWMO Annual Monitoring Reports for Mississippi River (TBD)

**Potential determinants:** [Components of LAURI](#): (a) *E. coli* measured at public swimming beaches (b) Water clarity/Secchi depth (c) Aquatic plant and fish diversity (d) Availability and ease of public access (e) Color/odor of water, garbage/debris. Storm water pollutants, fertilizer use, beach closures, rain gardens, invasive species.

## Considerations:

- **Rational:** LAURI was the preferred method of measuring water quality by the park board because it is a broad measure (includes more than just water quality) which is reliable and valid, and we can zero in on the components
- **Tradeoffs:** chose LAURI over trophic state index because it does not include the recreational component and is more complex to understand and explain
- **Limitations:** the LAURI only measures eight of the lakes in the City, but we can get at water quality of other lakes with impaired waters indicator if included

**Primary Department:** Minneapolis Park and Recreation Board

**Related departments/community partners:** Sustainability, Public Works, Health, CPED-Long Range Planning, CEAC, watershed districts, Minnesota Pollution Control Agency, Minnesota Department of Natural Resources

9/9/2015

Previous sustainability indicator?

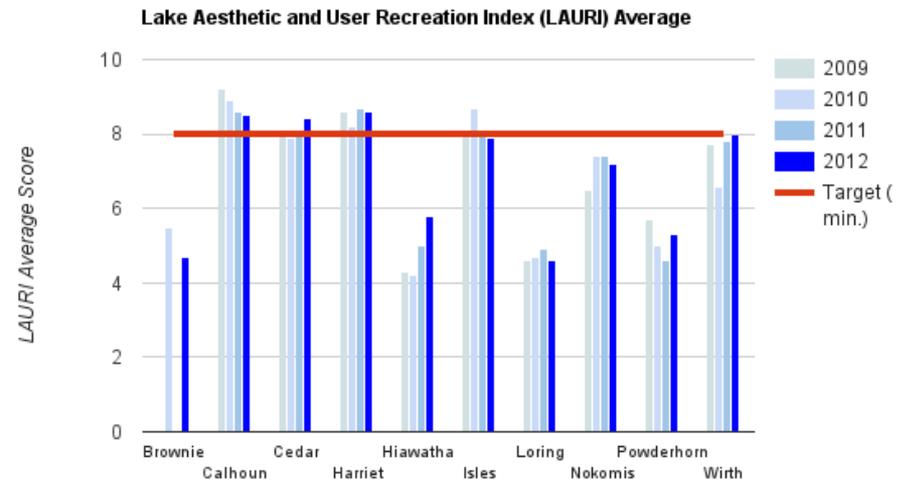
Yes  No

## Community feedback

Idea: Clean lakes and rivers

Idea: Healthy environment (*Pristine land, water and air*)

## Concept Visual



# Updated indicator proposal: Healthy lakes, streams + rivers (measure 2)

**Measure:** The number of impairments of Minneapolis surface-water bodies (includes lakes, creeks, wetlands and Mississippi River)

**Data Source:** United States Environmental Protection Agency through Public Works

**Data could be broken out by:** Geographic area, type of waterbody, type of impairment, length of time waterbody has been impaired

**Potential contextual measures:** Surface water impairments over time

**Potential determinants:** Flow and pollutants contributed from upper Mississippi River basin/tributary watersheds, precipitation, impervious surface (Industrial/residential/commercial), wetlands, individual pollutants (may include bacteria, pollutants in fish tissue, chloride, nutrients, dissolved oxygen, total suspended solids)

**Considerations:**

- **Limitation:** Surface water quality is regional/statewide in scope, and it often takes decades to see improvement
- **Note:** The concept for this measure has been discussed with Public Works and the Mississippi Watershed Management Organization

**Primary Department:** Public Works

**Related departments/community partners:** Minnesota Pollution Control Agency, Mississippi Watershed Management Organization, Sustainability, Minnehaha Creek Watershed District, Bassett Creek Watershed Management Commission

Previous sustainability indicator?

Yes  No

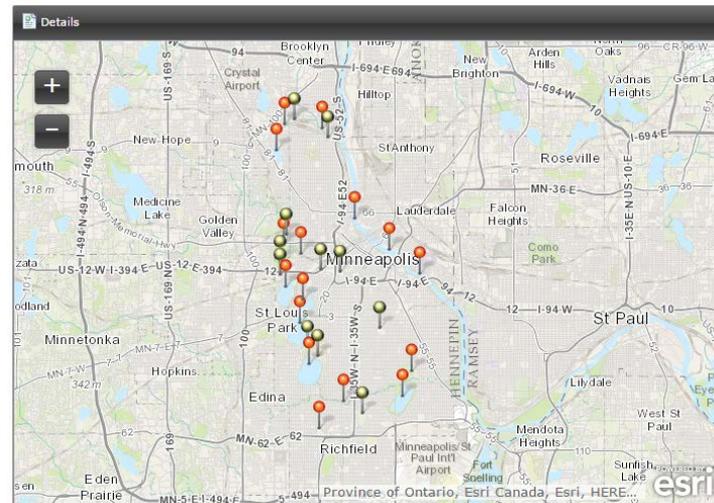
**Community feedback**

Idea: Clean lakes and rivers

Idea: Healthy environment (Pristine land, water and air)

Idea: Rainwater harvesting, greywater recycling

**Concept Visual**



# Updated indicator proposal: Access to green space (measure 1)

**Measure:** Resident rating of proximity to parks that meet their household's needs

**Data Source:** Minneapolis Resident Survey

**Data broken out by:** Geographic area, race, sex, owner/renter

**Potential contextual measures:** Minneapolis Park and Recreation Survey questions, national park ratings over time, Met Council park usage data, number of and total amount of land dedicated to parks and recreation facilities over time, population density, neighborhood crime rates and perception of safety

**Potential determinants:** Proximity to parks, accessibility of parks, conditions of park facilities, amenities at parks, types of programming available, type of household in Minneapolis (e.g. families with children and without), crime rates in park

## Considerations:

- **Strengths:** Tells the experience of those who live in Minneapolis
- **Limitations:** Doesn't ask about specific respondent's programming and amenities needs, definition of "proximity" can vary by individual and depend on amenities, quality of park, and someone's usual mode of transportation

## Primary Department:

**Related departments/community partners:** Sustainability, Minneapolis Park and Recreation Board

**Previous sustainability indicator?**

Yes  No

## Community feedback

Idea: More trees: success defined by a healthy tree canopy

Idea: Increase green space in densely populated areas

Idea: Early intervention techniques (Intervene early when trees are sick)

Idea: Walkable and green

Idea: Slower ash tree cutting, faster replanting boulevard trees

# Updated indicator proposal: Access to green space (measure 2)

**Measure:** Percentage of Minneapolis land area with access to public green space and tree canopy at three tiers: good, limited and low

- Areas with **good access** are those within ¼ mile walking distance of a public green space AND that are in neighborhoods with 30 percent tree canopy or greater.
- Areas with **limited access** are those within ¼ mile walking distance of a public green space OR that are in neighborhoods with 30 percent tree canopy or greater.
- Areas with **low access** are those that are NEITHER within ¼ mile walking distance of a public green space or in neighborhoods with 30 percent tree canopy or greater.

**Data Source:** Minneapolis Park and Recreation Board (park locations), University of Minnesota (tree canopy data)

**Data broken out by:** Geographic area

**Potential contextual measures:** Population density, crime rates, perception of safety, water bodies, community gardens, Minneapolis Park and Recreation Board resident survey, Trust for Public Land rankings over time, number of and total amount of land dedicated to parks and recreation facilities over time, Met Council park usage data

**Potential determinants:** Trees lost and planted, tree diversity, street network, total amount of land dedicated to parks and open spaces

**Considerations:**

- **Strengths:** Can improve access by increasing green space *or* improving tree canopy; Suitable for inclusion in “Complete and livable neighborhoods” map
- **Limitation:** Tree canopy data is collected infrequently; Neighborhood-level tree canopy percentages leave room for error

**Primary Department:**

**Related departments/community partners:** Sustainability, Minneapolis Park and Recreation Board

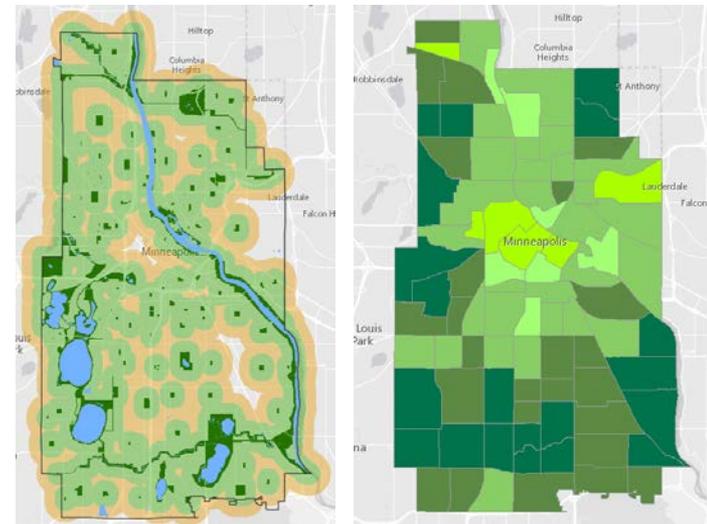
Previous sustainability indicator?

Yes  No

**Community feedback**

- Idea: More trees: success defined by a healthy tree canopy
- Idea: Increase green space in densely populated areas
- Idea: Early intervention techniques (Intervene early when trees are sick)
- Idea: Walkable and green
- Idea: Slower ash tree cutting, faster replanting boulevard trees

**Concept Visuals**



# Community indicators updated proposal

## Living well

Title	Indicator	Level of Detail
<b>Commute mode share</b>	Commute mode share: (i) Percent of Minneapolis <b>residents driving alone</b> , (ii) Percent of Minneapolis <b>workers driving alone</b> , (iii) Percent of Minneapolis residents <b>carpooling</b> , (iv) Percent of Minneapolis residents using <b>public transportation</b> , (v) Percent of Minneapolis residents <b>walking</b> , (vi) Percent of Minneapolis residents taking a <b>taxicab or motorcycle</b>	Geographic area
<b>Cost-burdened households</b>	Percentage of households that pay more than 30 percent of their gross income for housing at (i) less than 30% Area Median Income, (ii) 31-50% Area Median Income, (iii) 51-80% Area Median Income	Race, geographic area
<b>Quality housing infrastructure</b>	Percentage of residents living in quality housing, including infrastructure condition  Note: To be determined as part of the Comprehensive Planning process	Geographic area
<b>Complete and livable neighborhoods</b>	Percentage of residents living in close proximity to amenities and services, potentially including frequent transit service, schools, healthy food, and parks or green spaces  Note: To be determined as part of the Comprehensive Planning process	Geographic area
<b>Safety*</b>	Two measures: <ul style="list-style-type: none"> <li>• Resident perception of safety</li> <li>• Number of violent crimes</li> </ul>	Race, geographic area, sex
<b>Creative vitality</b>	Creative Vitality Index: Measures the impact of the creative sector. Includes the regional share of jobs, spending and organizations.	Citywide

\* Resident Survey questions are undergoing revision

# Community indicators updated proposal

## One Minneapolis

Title	Indicator	Level of Detail
Unemployment	Rate of unemployment	Race, geographic area, sex
Poverty	Poverty rate	Race, geographic area, sex
Resident trust of Minneapolis City government	<p>Rating of trust Minneapolis residents feel toward Minneapolis City government through a Resident Survey question similar to the following:</p> <p>“How much trust do you have that, in interactions with Minneapolis City government, ...</p> <ul style="list-style-type: none"> <li>a. You will be treated with respect</li> <li>b. You will be treated fairly</li> <li>c. Important information will be made public</li> <li>d. Your participation in City decision-making can make a difference”</li> </ul>	Race, geographic area, sex
Healthy food access	Percentage of residents living in Low Healthy Food Access Areas. Low Healthy Food Access Areas must meet poverty, vehicle access and year-round healthy food source criteria.	Geographic area
Equitable justice system	Low-level crime arrests	Race
Reading proficiency	Percentage of third grade students who meet or exceed proficient reading levels	Race, geographic area
Asthma	Rate of hospitalization from asthma	Geographic area
Infant mortality	Infant mortality rate	Race and mother’s country of birth

\* Resident Survey questions are undergoing revision

# Community indicators updated proposal

## A hub of economic activity and innovation

Title	Indicator	Level of Detail
<b>Employment</b>	Number of individuals employed in the 20 largest employment sectors in Minneapolis	Employment sector, race, sex, geographic area
<b>Sales</b>	Minneapolis sales and use tax revenue	Geographic area
<b>Business startups</b>	Number of employees employed by start-ups	Employment sector, sex, age, education, race
<b>Educational attainment</b>	Percentage of adults aged 25 and older with a high school diploma (or equivalent), some college and college degree	Race, geographic area, sex
<b>Wages</b>	Average monthly earnings of employees with stable jobs	Employment sector, sex, age, education, race

# Community indicators updated proposal

Great places		
Title	Indicator	Level of Detail
<b>Air quality</b>	Days with air pollutant concentrations exceeding health-based levels	Citywide
<b>Healthy lakes, streams and rivers</b>	Two measures: <ul style="list-style-type: none"> <li>• Lake Aesthetic and User Recreation Index (LAURI): Public health, aesthetics, habitat quality, water clarity, recreational access for Minneapolis' eight swimming lakes</li> <li>• The number of impairments of Minneapolis surface-water bodies (includes lakes, creeks, wetlands and Mississippi River)</li> </ul>	Geographic area (eight lakes are measured)  Geographic area, type of impairment
<b>Garbage and recycling</b>	Total waste stream and disposal method (garbage, recycling, organics)	Citywide
<b>Greenhouse gas emissions</b>	Citywide greenhouse gas emissions by activity	Citywide
<b>Access to parks and green space</b>	Two measures: <ul style="list-style-type: none"> <li>• Resident rating of proximity to quality parks</li> <li>• Resident access to public green space and tree canopy at three tiers: good, limited and low</li> </ul>	Geographic area, race, sex  Geographic area
<b>Quality of roads and bridges</b>	Average Pavement Condition Index ratings and bridge condition information	Type of street (MSA and residential)

# Community indicators updated proposal

## A City that works

Title	Indicator	Level of Detail
<b>Quality of City services*</b>	Resident rating of overall satisfaction with City services	Geographic area, race, sex
<b>City employee engagement</b>	City of Minneapolis overall employee engagement (composite measure)	Citywide
<b>Access to City information*</b>	Resident rating of ability to get information about City services and programs	Geographic area, race, sex
<b>Diversity of City workforce</b>	Percentage of females and people of color in City of Minneapolis workforce	Job classification
<b>Value for tax dollar*</b>	Resident rating of value for tax dollar	Geographic area, race, sex

\* Resident Survey questions are undergoing revision

Questions?