

Welcome

Municipal Development Plan/Calgary Transportation Plan 2018 Monitoring Progress Report Information session

We are pleased to present the Municipal Development Plan/Calgary Transportation Plan 2018 Monitoring Progress Report.

About today's session:

Today's information session is an opportunity to familiarize yourself with the data presented in the report. City staff are available to answer any questions.

Key dates:

- **June 14, 2018:**
Report at Standing Policy Committee on Planning and Urban Development.
- **June 25, 2018:**
Report presented to Council as a Receive for Information item.
- **September 2018:**
Recommendation coming to Council for Scoping Report for Municipal Development Plan Review.





Measuring Our Progress

- The Calgary Municipal Development Plan and Calgary Transportation Plan are The City's key strategic policy documents that guide growth, mobility and city building.
- A broad spectrum of indicators and targets are used to evaluate the progress being made towards our Plan goals:
 - **14 Core Indicators** were created with the Plans in 2009 as long-term measures of progress, tied to specific targets in the Municipal Development Plan.
 - Additional tracking measures have been selected for the current monitoring project. These tell us whether we are heading in the right direction to achieve our vision in shorter time periods.
- The 2018 Progress Report has a re-designed structure: **7 Plan Goals** were adapted into **Outcome** statements that represent the combined Municipal Development Plan/Calgary Transportation Plan vision. The Core Indicators and additional tracking measures have been aligned to specific outcomes for the first time.

Key documents:

The Municipal Development Plan / Calgary Transportation Plan 2018 Monitoring Progress Report contains Core Indicators and Performance Highlights.

The Municipal Development Plan / Calgary Transportation Plan 2018 Monitoring Progress Background Report will be available at calgary.ca and contains all measures that were updated in 2018, along with data methodology and analysis.





Measuring Our Progress

Plan Goals

Outcomes

Core Indicators

Managing growth and change

Managed growth and change – The City of Calgary manages and supports fiscally responsible growth, and leverages community investments to support complete communities and to become an equitable, prosperous and sustainable city.



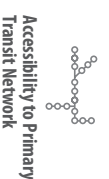
Shaping a more compact urban form

Compact urban area and complete communities – Calgary is a compact urban area of complete communities. Our Plans encourage future housing and job growth in specific areas of the city.



Connecting the city

Connected city – Calgarians have access to a safe, reliable and functional transportation system with meaningful choice in getting where they need to go, including public transit and active modes of transportation.



Creating great communities

Healthy, vibrant and inclusive communities – Calgary's communities provide a range of housing options, local businesses, shops, open space and amenities that promote active and healthy living.



Urban design

Attractive and memorable city – Calgary is an attractive, walkable and memorable city with well-designed and high-quality urban spaces, buildings and streets.

A prosperous economy

Prosperous economy – Calgary is home to an innovative and diverse economy that attracts people and businesses, fosters economic development and supports a strong workforce and prosperity.

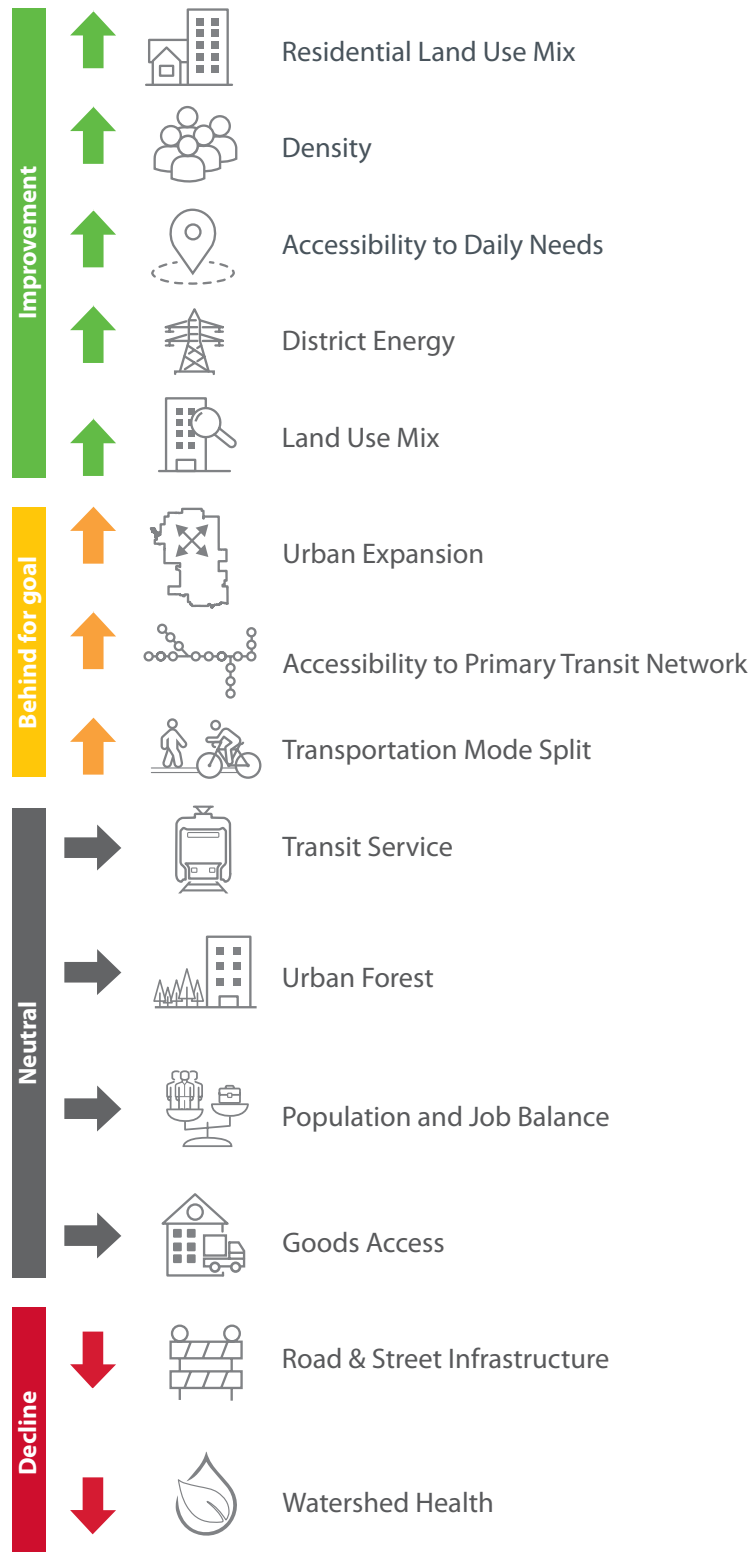


Greening the city

Green city – Calgary is an environmentally sustainable and resilient city.



Core Indicator Trend Summary



Managed Growth and Change

Plan Objectives:

- Create transit-supportive, mixed-use Activity Centres and Main Streets.
- Optimize population and job growth close to transit.
- Foster distinctive, complete communities.
- Support strong, stable neighbourhoods: sensitive infill and redevelopment.

Outcome Statement: The City of Calgary manages and supports fiscally responsive growth, and leverages community investment and development to create complete communities. Calgary is an equitable, prosperous and sustainable city.


What is The City doing to achieve Managed Growth and Change?

The following City actions are advancing the objectives of our plans:

- Main Streets
- Green Line Light Rail Transit
- RouteAhead transit plan
- Off-site Levies
- Infrastructure Calgary
- Established Areas Strategy
- New Community Growth Strategy
- Centre City, Developed Areas, New Communities Guidebooks
- 2020 Sustainability Plan

In 2017 Calgary had:

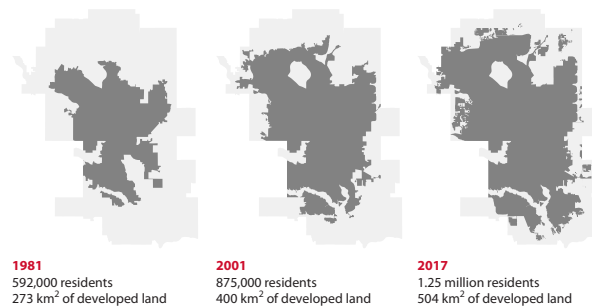
 **1,246,000 people**
 + 156,000 since 2013
 + 255,000 since 2006

 **506,000 dwelling units**
 + 38,000 since 2013
 + 98,000 since 2006

 **685,000 jobs***
 + 38,000 since 2011
 + 77,000 since 2006

*2017 figure unavailable - 2016 data used

Calgary's population and land area growth 1981-2017



Since 1985, Calgary's population and land use area has more than doubled. Each new community requires new schools, roads, fire stations, and other city services.

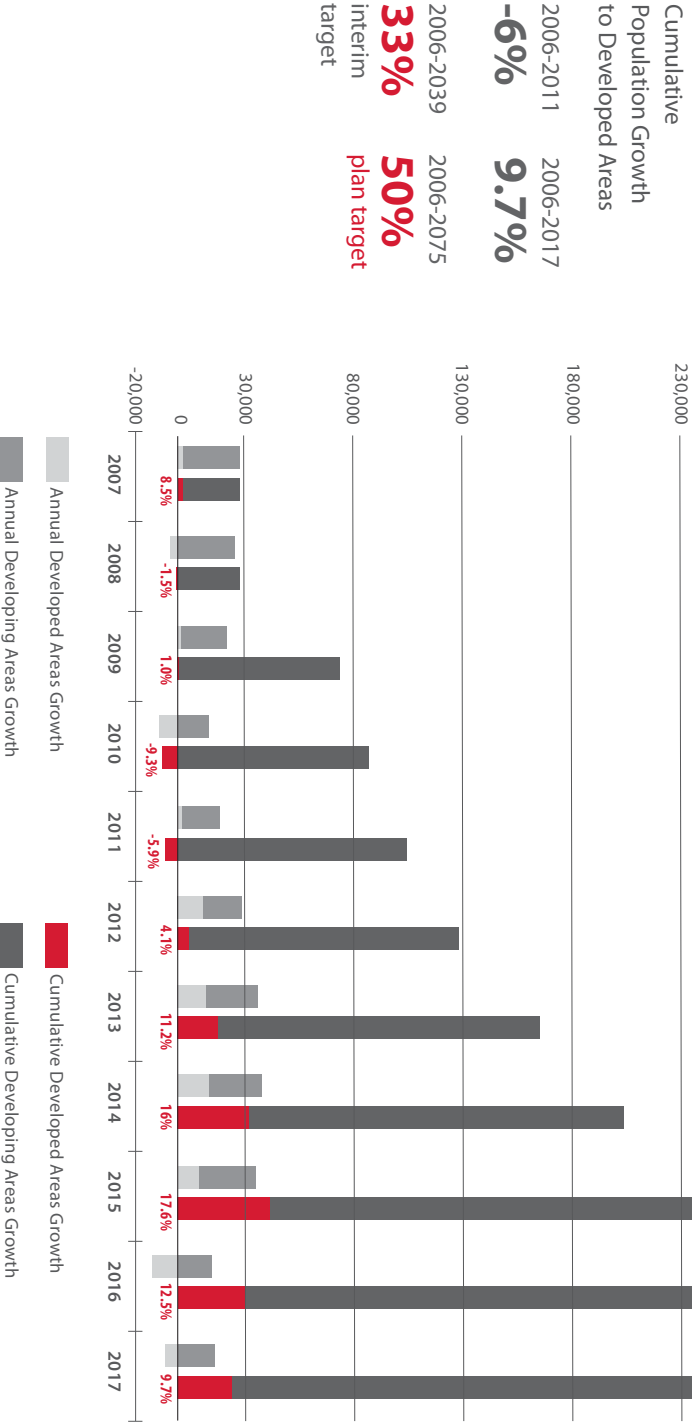


Managed Growth and Change

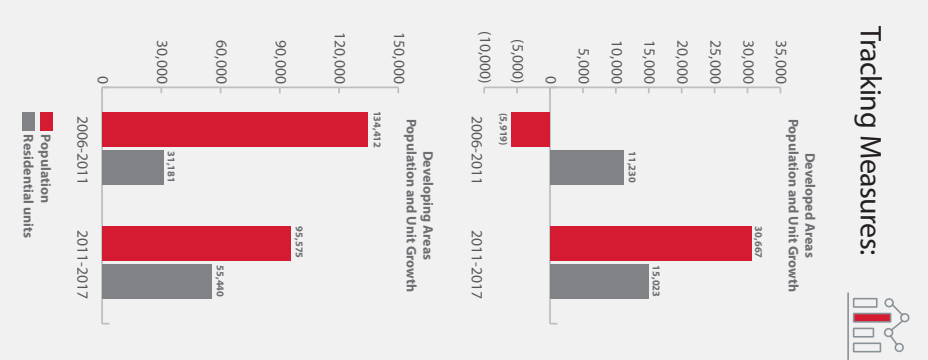


9.7% of our cumulative population growth since 2006 has been accommodated within the Developed Areas.

Annual and Cumulative Share of Growth to the Developed and Developing Areas



Tracking Measures:



Compact Urban Area and Complete Communities

Plan Objectives:

- Create transit-supportive, mixed-use Activity Centres and Main Streets.
- Optimize population and job growth close to transit.
- Foster distinctive, complete communities.
- Support strong, stable neighbourhoods, sensitive infill and redevelopment.

Outcome: Calgary is a compact urban area of complete communities. Our Plans encourage future housing and job growth in specific areas of the city.

What is The City doing to achieve Managed Growth and Change?

The following City actions are advancing the objectives of our plans:

- Main Streets
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- 2020 Sustainability Plan



Compact Urban Area and Complete Communities



Core Indicator:
Density

From 2006 to 2017 there was a City-wide increase in population density of about 11%. In 2007, Calgary had a population density of **24.7** people per hectare, and **13.5** jobs per hectare.

People per Hectare

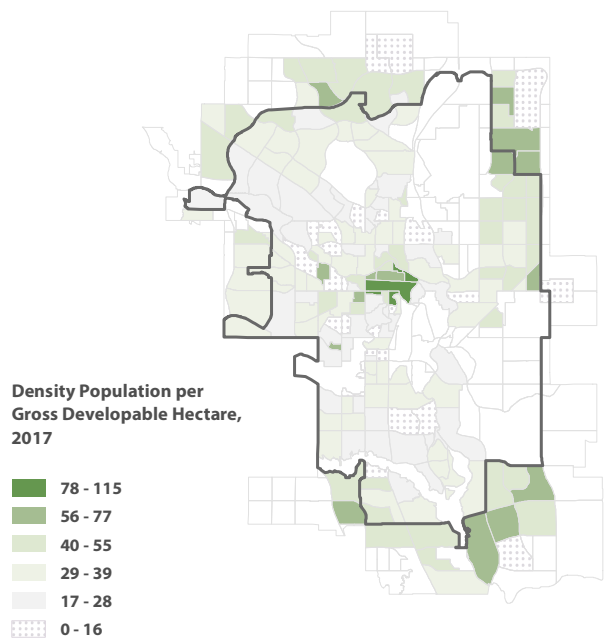
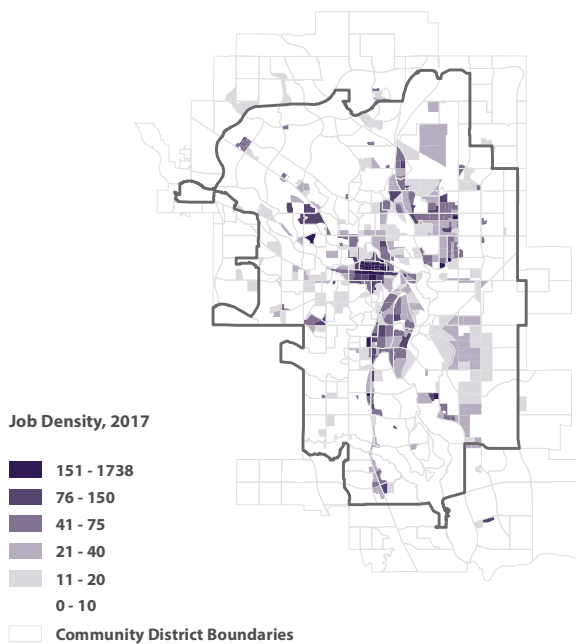


	2006	2011	2017	Plan Target
	22.3	23.2	24.7	27

Jobs per Hectare



	2006	2011	2017	Plan Target
	13.7	13.8	13.5	18



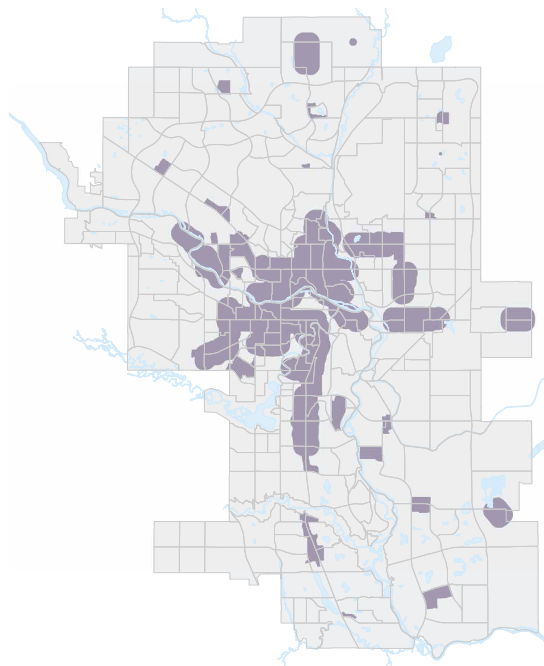
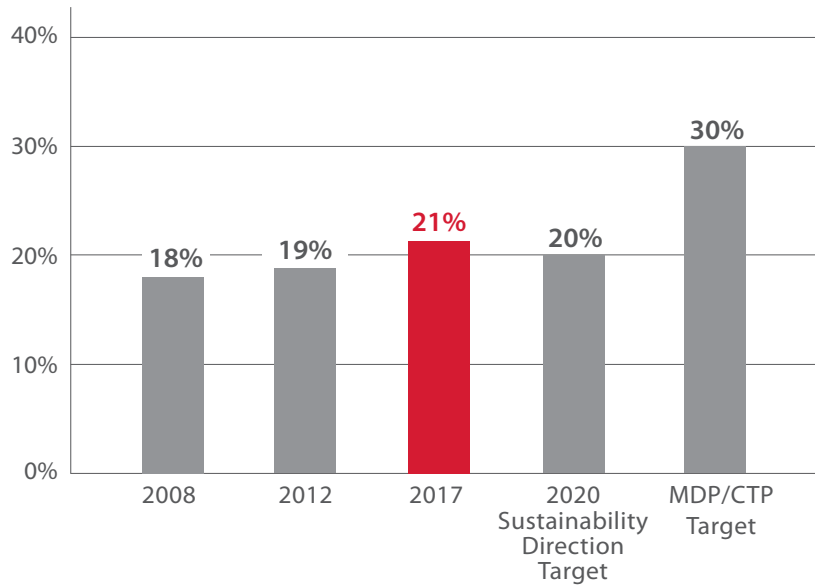
Compact Urban Area and Complete Communities



Core Indicator:
Access to
Daily Needs

21% of Calgarians live in areas with easy access (600m) to Main Streets or within Activity Centres.

Percent of Population within Major and Community Activity Centres and 600m of Main Streets.



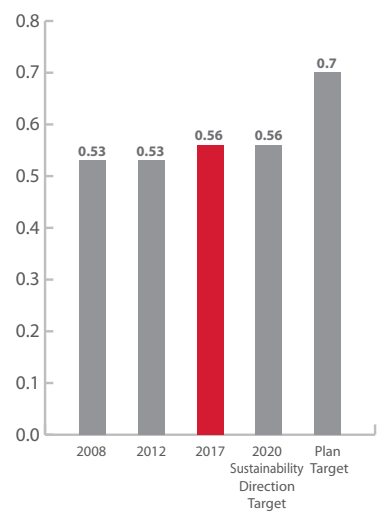
Compact Urban Area and Complete Communities



Core Indicator:
Land Use Mix

From 2012 to 2017 there was a **15%** increase in Land Use Diversity.

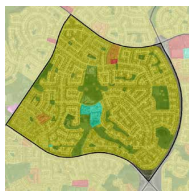
Land Use Diversity Index



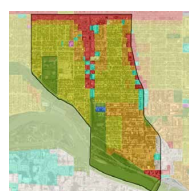
A Land Use Diversity Index that approaches 1 indicates a more balanced distribution of possible land uses.



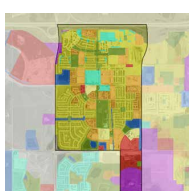
Lake Bonavista



Hawkwood



Crescent Heights



Redstone / Skyview Ranch

Legend – Major Land Use

- Mixed Use
- Commercial
- Direct Control
- Future Urban Development
- Industrial
- Institutional
- Major Infrastructure
- Park, Recreation and Public Education
- Residential – High Density
- Residential – Medium Density
- Residential – Low Density

Are we achieving the Goal intent?

Here are examples of the Residential Land Use Mix indicator for some communities in 2017.

Community	Residential Land Use Mix Diversity Index	Land Use Diversity Index	Major Build out Decade
Lake Bonavista	.012	.59	1970's
Crescent Heights	.48	.69	Early to Mid 20th Century
Hawkwood	.05	.38	1980's
Redstone / Skyview Ranch	.53	.66	2010's

Connected City

Plan Objectives:

- Link infrastructure investment to sustainable land uses
- Promote safety for all travelers
- Provide more transportation choices that are affordable and accessible
- Make walking, cycling and transit preferred choices for more people
- Support a prosperous economy by moving people and goods efficiently
- Support environmental sustainability
- Manage our infrastructure well

Outcome: Calgarians have access to a safe, reliable, and functional transportation system, with meaningful choices that include public transit and active modes of transportation.

What is the City doing to achieve a Connected City?

The following City actions are advancing the objectives of our Plans:

- The Green Line Light Rail Transit will improve mobility choices for Calgarians, providing efficient service and direct connections to destinations throughout the city
- RouteAhead Transit Plan
- Step Forward Pedestrian Strategy
- Cycling Strategy
- Complete Streets
- Main Streets
- Bus Rapid Transit Network
- Crowchild Trail upgrades



Connected City

Core Indicator:
Accessibility to
Primary Transit
Network


In 2017, **37%** of jobs and **14%** of residents were located within 400 meters of the Primary Transit Network.

Jobs

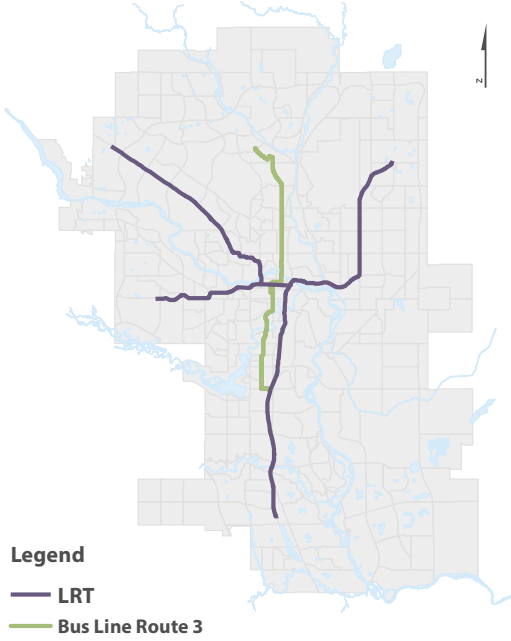


2005	2012	2017	TARGET
0%	37%	37%	45%

Population



2005	2012	2017	TARGET
0%	12%	14%	67%



Core Indicator:
Transit Service

Highlight Text: In 2017, Calgary Transit was operating a level of service of **2.24** service hours per capita.

Transit service hours per capita



2005	2012	2017	TARGET
2.22	2.36	2.24	3.70

Connected City



Core Indicator:
Transportation
Mode Split

In 2017, Walking and Cycling trips increased to **17.7** percent of all trips. Transit declined slightly to 8.3 percent, and automobile mode share dropped to **73.9** percent.

Mode Split Percentage

	2005	2012	2017	TARGET
	14.0%	12.5%	17.7%	20-25%

	2005	2012	2017	TARGET
	9%	8.5%	8.3%	15-20%

	2005	2012	2017	TARGET
	77%	79%	73.9%	55-65%



Tracking Measures:

Safety of Transit Service (Reported Customer Perception)

Average Safety Ratings (out of 10)

2008	2012	2016
7.2	7.8	7.9

Safety of the Transportation Network

Injury and Death Collisions per 100,000 People

All Modes of Travel

2008	2012	2016
289	248	200

Pedestrians & Cyclists

2008	2012	2016
75	65	56

Healthy, Vibrant and Inclusive Communities

Plan Objectives:

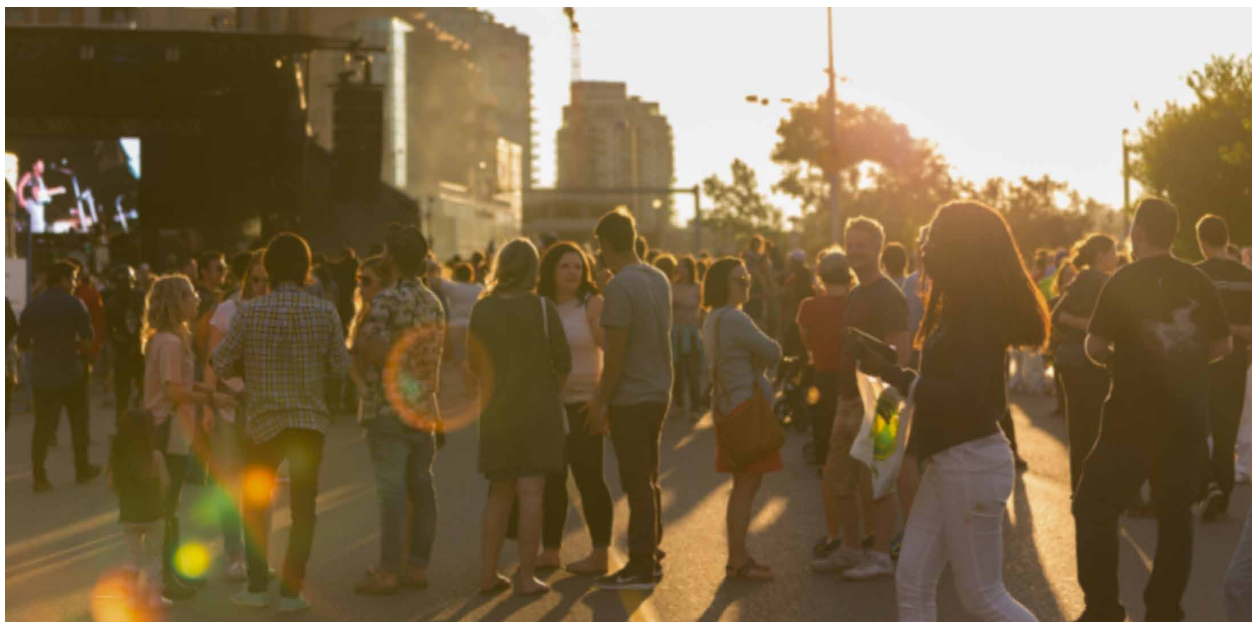
- Ensure choice of housing forms, tenures, and affordability
- Optimize population and job growth close to transit
- Respect and enhance neighbourhood character and vitality
- Protect heritage and promote public art
- Create quality parks, open spaces and community amenities
- Promote community education and engagement

Outcome: Calgary's communities provide a range of housing options, local businesses, shops, open space and amenities that promote active and healthy living.

What is The City doing to achieve Healthy, Vibrant, and Inclusive Communities?

The following Corporate actions are advancing the objectives of our plans:

- Developed Areas Guidebook and Density minimums in policy plans and the Municipal Development Plan.
- Creation of new ground-oriented land use districts to support semi-detached, suites, townhouse and rowhouse residential units.
- Secondary suite guidelines and Infill and Multi-family guidelines.
- Main Streets
- Transit Fresh Food Market 'Pop-up Market' Program
- Neighbourhood Food Plan



Healthy, Vibrant and Inclusive Communities

Housing Choice

- Calgary is making progress in offering more multi-family housing and more rental units, but owned, single-family dwellings remain most common.
- Housing values have risen, while housing vulnerability has become more acute.
- There continues to be a market gap in rental accommodation with 2+ bedrooms.




Core Indicator:
Residential Land Use Mix

Residential Land Use Mix measures the potential housing diversity, in terms of the area and number of residential land uses in a community, averaged city-wide.

The Residential Diversity Index increased by approximately **10%** city-wide from 2011 to 2017.

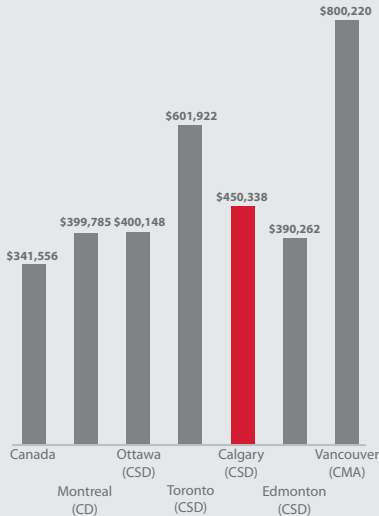
Residential Housing Diversity

	2006	2011	2017	TARGET
	0.19	0.20	0.22	0.4

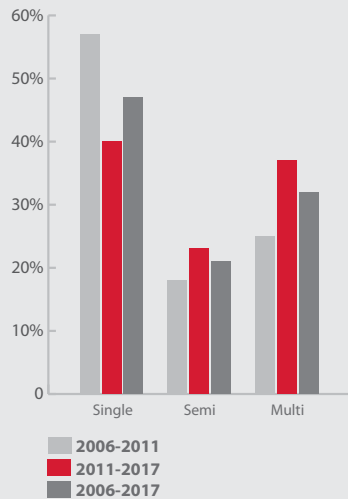


Tracking Measures:

Canadian median owner-estimated housing value, comparison of six cities



Number of Net Housing Units by Type

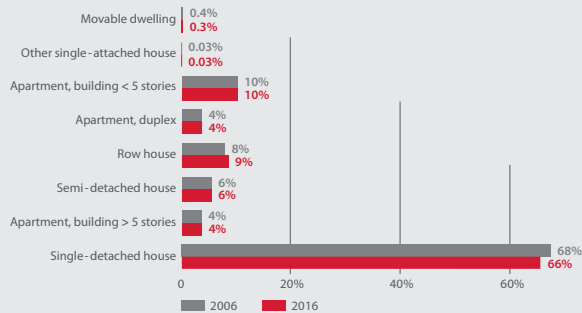


Healthy, Vibrant and Inclusive Communities

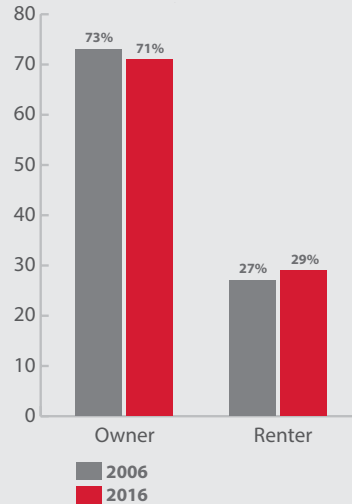


Tracking Measures:

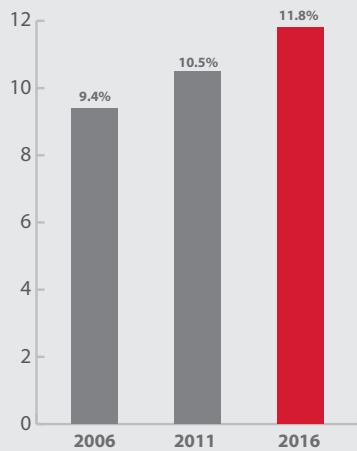
Population Distribution by Dwelling Structure Type



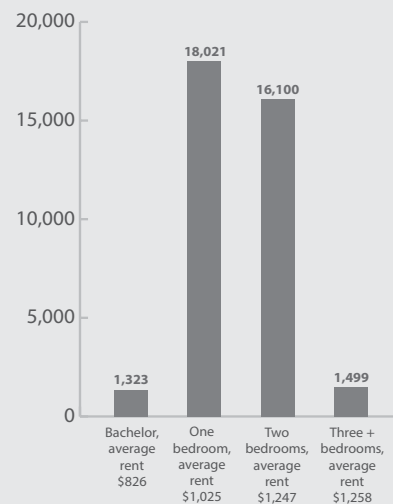
Number of net housing units, owned and rented



Percentage of households in Core Housing Need



Number of private rental apartment units by bedroom type in Calgary



Healthy, Vibrant and Inclusive Communities

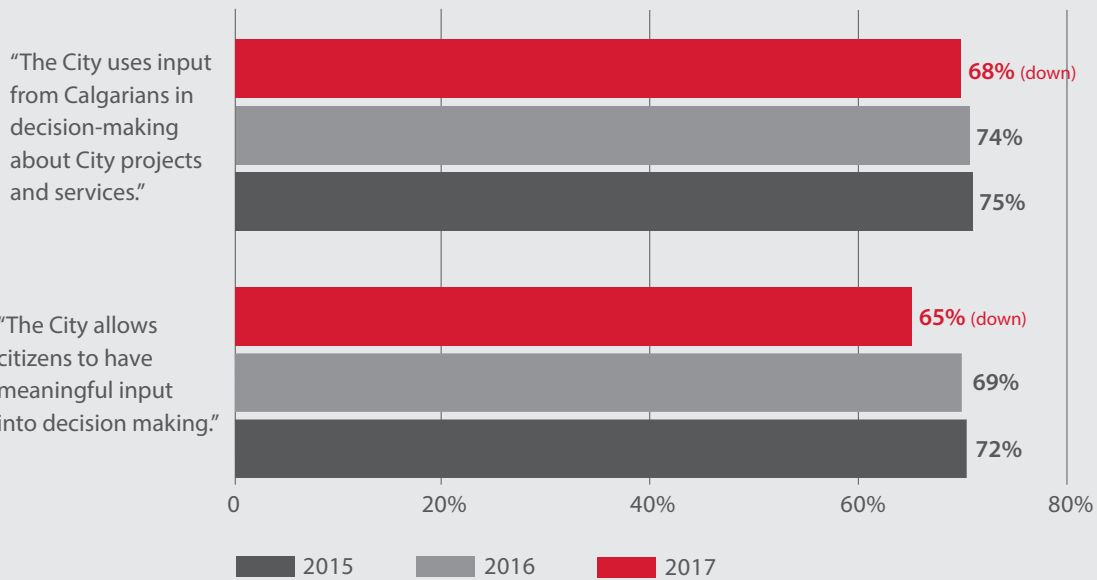
Citizen Engagement

- Results from the 2017 Citizen Satisfaction Survey indicate a decline in perceptions of engagement across several important measures related to planning and decision-making.



Tracking Measure:

Resident Perception of Opportunity to have Meaningful Input into City Decision Making



Healthy, Vibrant and Inclusive Communities

Food Health, Access and Availability

- Citizen interest in food system assets (community gardens, farmers' markets, urban farms, beekeeping, community food projects) continues to increase.
- Significant progress has been made in furthering City-led actions in the food system since the 2014 progress report.



Tracking Measures:

Access to Community-based Food System Assets

Community gardens

2012	2017
111	149



Community orchards

2012	2017
4	8



Urban farms

2012	2017
0	2

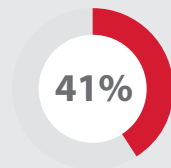


Farmer's markets

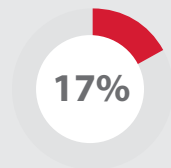
2012	2017
9	12



Percentage of Calgarians living near a large-format grocery store (top-10 national chain)



1000m
of a large grocery store



600m
of a large grocery store

Healthy, Vibrant and Inclusive Communities

Heritage Conservation

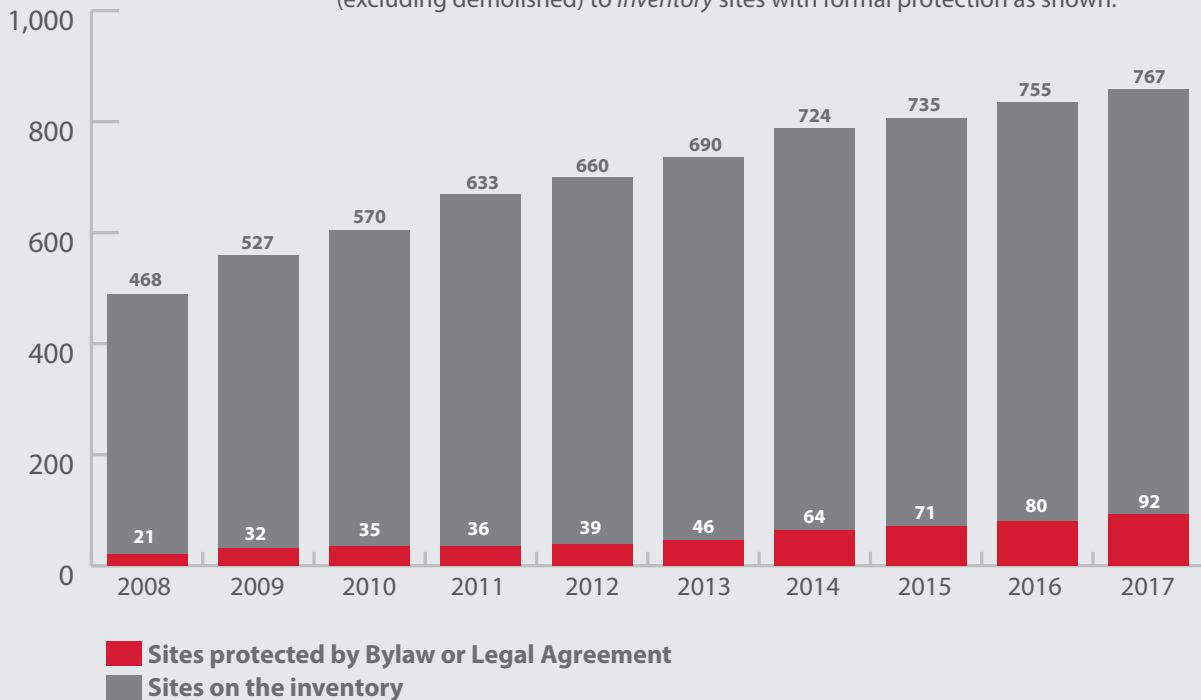
- Major conservation gains made 2008-2017:
 - 299 sites added to the Inventory of Evaluated Historic Resources (64% increase)
 - 70 additional sites were legally protected (314% increase)
- The ratio of evaluated to protected sites remains unbalanced – only 12% of evaluated sites are protected by bylaw or legal agreement.



Tracking Measures:

Historic Resource Conservation

Comparison of total sites on the Inventory of Evaluated Historic Resources (excluding demolished) to Inventory sites with formal protection as shown.



Attractive and Memorable City

Plan Objectives:

- Create a city that attracts and retains people.
- Create a city that attracts and retains business.
- Ensure a sustainable economy and municipal finances.

Outcome: Calgary is an attractive, walkable and memorable city with well-designed and high-quality urban spaces, buildings and streets.

What is The City doing to achieve an Attractive and Memorable City?

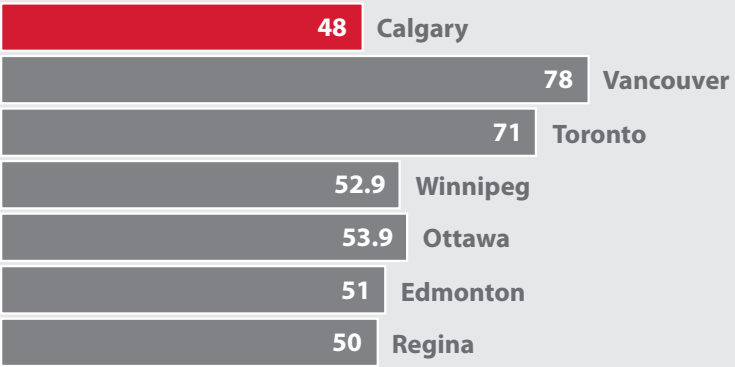
The following Corporate actions are advancing the objectives of our plans:

- Urban Design Monitoring Program
- The Quality Development Project: includes
 - 1) Urban Design Quality Criteria tool and
 - 2) Quality Development Perception Survey
- Laneway Housing Design Guidelines (underway)
- City-wide Urban Design Guidelines (underway)
- Developed Areas Guidebook, Green Line Design Guidelines, and Area Structure Plans (new and updated urban design policies)
- Public Art Policy
- Heritage strategy and policies
- Complete Streets Policy



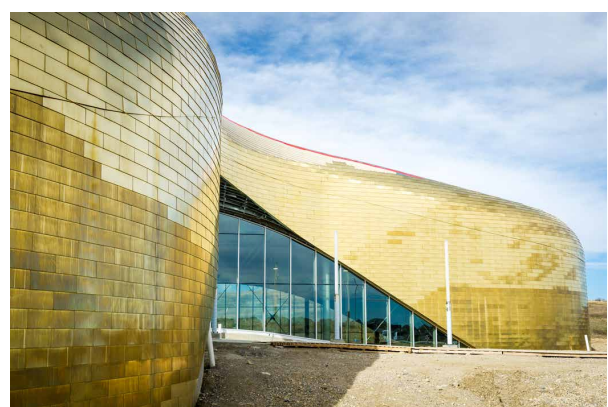
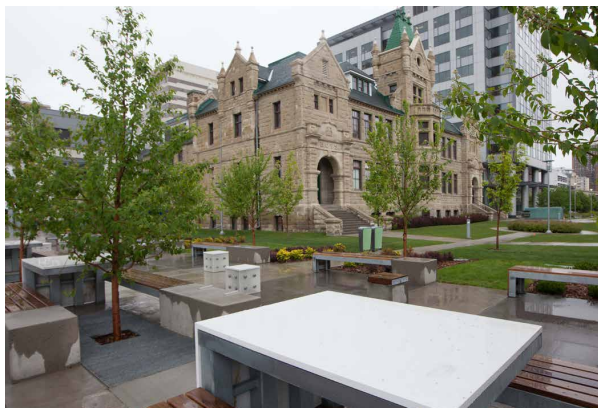
Tracking Measure

Walk Score



Attractive and Memorable City

Quality urban design can be challenging to measure quantitatively in progress reporting. The following images contain examples of great design, led by both The City of Calgary, and the development industry.



Prosperous Economy

Plan Objectives:

- Create a city that attracts and retains people
- Create a city that attracts and retains business
- Ensure a sustainable economy and municipal finances

Outcome: Calgary is home to an innovative and diverse economy that attracts people and businesses, fosters economic development and supports a strong workforce and prosperity.

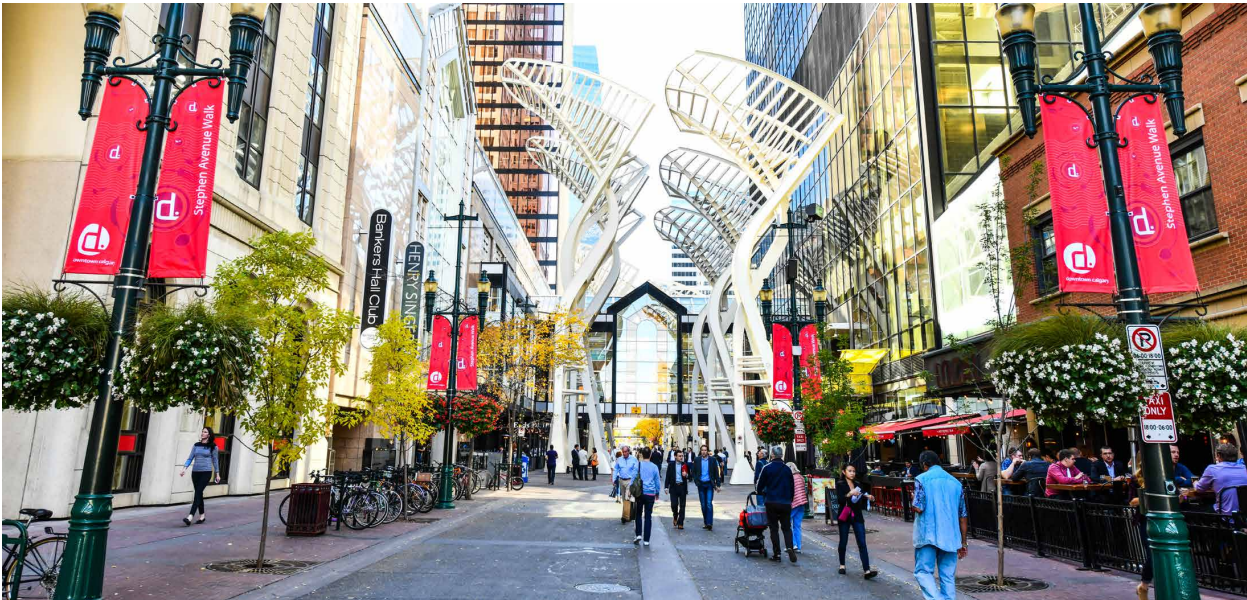
What is The City doing to achieve the goal of a green city?

The following City actions are advancing the objectives of our plans:

- Resilient Calgary
- Calgary Economic Development Funding
- Economic Strategy for Calgary
- Infrastructure Calgary
- Industrial Land Strategy
- Industry-City workplan
- RouteAhead transit plan
- Calgary Eats (Action plan and new businesses)
- Development Permits Process Improvements Program
- Goods Movement Strategy (2018)
- Urban Strategy Revitalization
- Community Economic Development /Building Economic

Economic Quick Figures

Indicator	Previous data	Latest data
Median Total Household Income (2015 constant dollars)	\$79,554 (2005)	\$97,334 (2015)
City Gross Domestic Product	\$113,000,000,000 (2011)	\$125,000,000,000 (2016)
Unemployment Rate (seasonally adjusted)	10.2% (December 2016) 5.6% (December 2011)	7.5% (December 2017)
Total Assessed Building Value	\$233,000,000,000 (2011)	\$303,000,000,000 (2017)



Prosperous Economy



Core Indicator:
Population
and Jobs
Balance

Core Indicators

All quadrants are at or near their 60-year target.

NW

2006 Baseline	2011	2016	TARGET
3	3.3	3.2	3.0

NE

2006 Baseline	2011	2016	TARGET
1.7	1.6	1.7	1.4

SW

2006 Baseline	2011	2016	TARGET
1.3	1.4	1.4	1.5

SE

2006 Baseline	2011	2016	TARGET
1.2	1.2	1.5	1.5



Core Indicator:
Good Access

Percent of facilities within 1600m of Primary Goods Movement Network



2008	2012	2017	TARGET
73%	73%	73%	95%

Green City

Plan Objectives:

- Create green infrastructure
- Protect, conserve, and enhance land, water, and ecological networks
- Reduce waste
- Reduce demand for fossil fuel use and greenhouse gas emissions

Calgary is an environmentally sustainable and resilient city. All Calgarians benefit from parks, trees, stormwater management, and healthy waterways and ecosystems.

What is The City doing to achieve the goal of a green city?

The following City actions are advancing the objectives of our plans:

- Incorporating watershed planning into land use planning and encouraging green development practices.
- Investing in stormwater treatment infrastructure.
- Implementing sediment control practices and protecting riparian, wetland and streambank areas.
- Monitoring river water quality and protecting watershed health beyond Calgary's boundaries.
- Green Cart Program
- What goes where?" online search tool
- Waste and Recycling Bylaw requiring recycling and food and yard waste diversion in the Single-Dwelling, Multi-Dwelling and the Industrial, Commercial and Institutional sectors.
- Climate Resilience Strategy, Climate Change Adaptation Plan and Low Carbon Plan.
- Electric Vehicle Strategy
- Sustainable Building Policy
- Implementation of the National Energy Code



Green City

Core Indicators



Core Indicator:
Urban Forest

In 2017, the tree canopy cover of Calgary was **8.25%**.

Urban Forest Coverage

1998	2012	2013	2015	2017	TARGET
7%	8.51%	8.44%	8.23%	8.25%	14-20%



Core Indicator:
Watershed Health

Since 1998, Calgary's impervious surfaces have **increased 12%**

Impervious Surface Cover

1998	2010	2014	2016	TARGET
33%	42%	43%	44%	20%



Core Indicator:
District Energy

In 2017, 2.6 percent of the urbanized land area had densities high enough to support District Energy.

Percent of Calgary with Sufficient Density for District Energy

2006	2011	2017	TARGET
1.79%	1.95%	2.6%	6.6%

Green City



Tracking Measures:

Hectares of parks and natural areas secured

2012

7,768 HA

7.1 HA / 1,000 people (total)

7.3 HA / 1,000 people maintained park spaces

2016

8,310 HA

6.7 HA / 1,000 people (total)

3.2 HA / 1,000 people maintained park spaces

Access to parks and green space

Percentage of Calgarians with a park within 400 metres of residence.

2015

99.6%

2016

99.6%

2017

99.5%

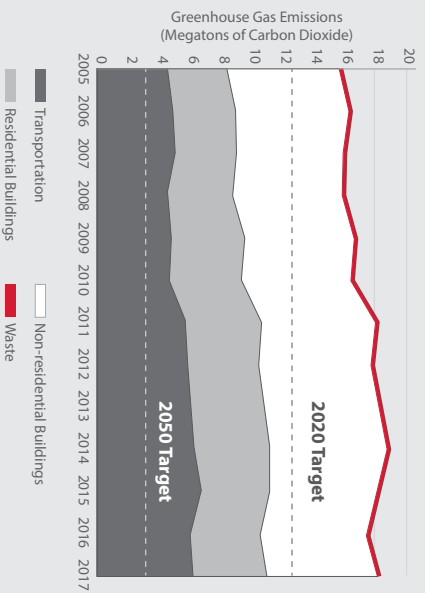


Green City

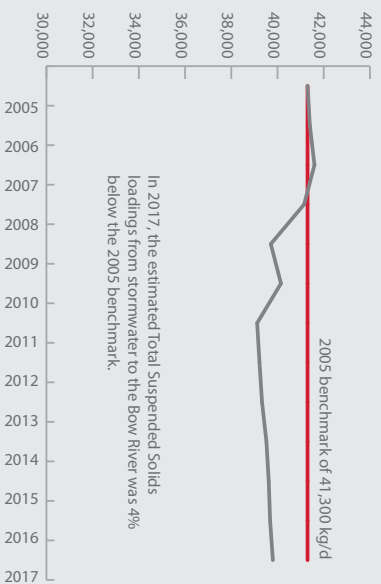


Tracking Measures:

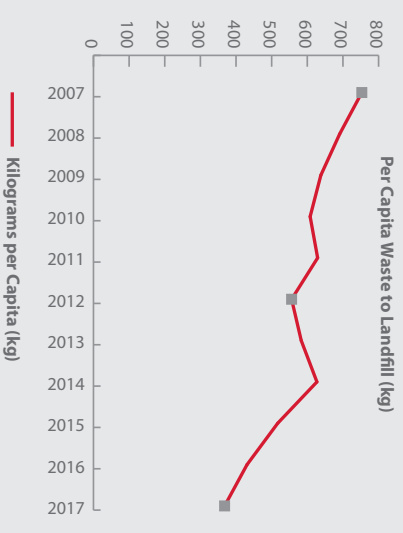
Community-wide Greenhouse Gas Emissions



Water Quality



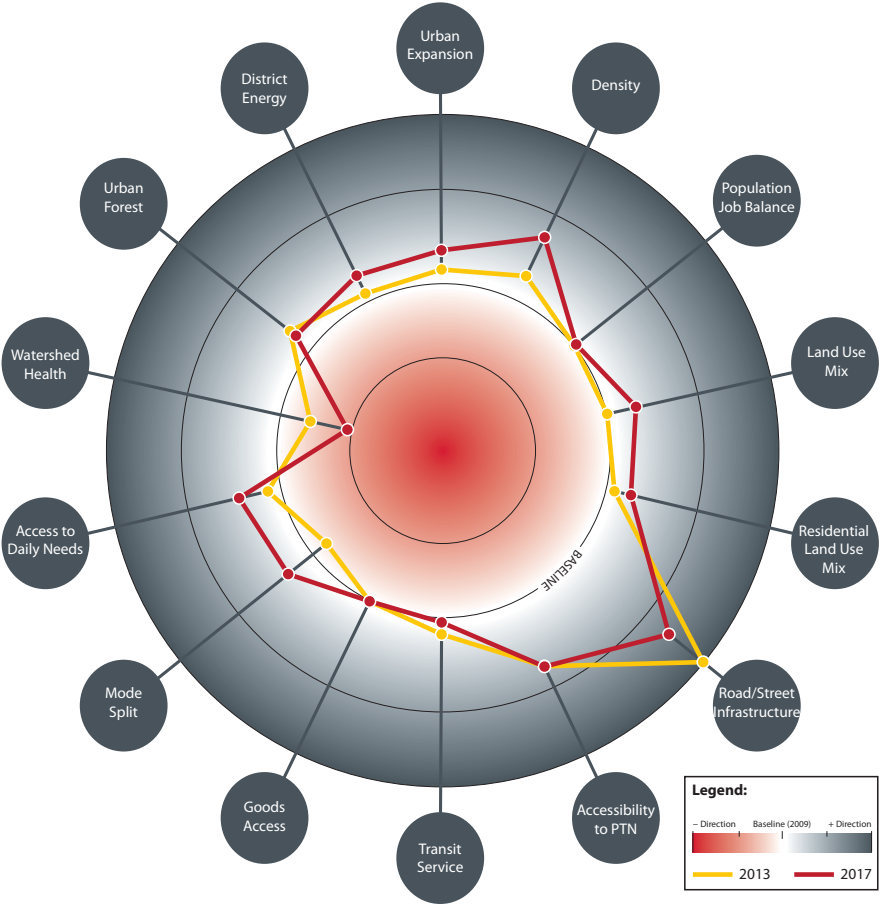
Per Capita Waste to Landfill (kg)



Core Indicators Summary and Highlights

Progress Towards Our Goals – Highlights

- More transportation choices are available to Calgarians. While auto usage is steady, more people are walking and cycling.
- Density is increasing across the city, improving the efficiency of City investments and services like infrastructure and transit service.
- Growth is increasing in strategic areas like Main Streets and Activity Centres.
- Urban expansion is trending positively but there is less growth in established areas than intended.
- The amount of transit ridership remains unchanged.
- Environmental performance remains a challenge in Calgary. Greenhouse gas emissions continue to rise.



Next Steps

10 Year Municipal Development Plan/Calgary Transportation Plan Review

The 10-year Calgary Transportation Plan / Municipal Development Plan review is scheduled for 2019-2020.

Findings from the Municipal Development Plan/Calgary Transportation Plan Progress Report will inform the review, providing a snapshot of Calgary's successes, challenges, and opportunities. The Core Indicators will be evaluated for their effectiveness to monitor future trends and Plan targets.

The review will also consider updates related to legislative changes and key strategic directions These include:

- New legislative authorities and City Charter opportunities;
- New topic areas, e.g. indigenous community and regional growth board;
- Improving readability and effectiveness; and
- Aligning with the Developed Areas, New Communities and Centre City Guidebooks.

We now have a more comprehensive picture of our achievements in the implementation of the Plans as well as an evaluation of their outcomes at both the community and city-wide levels.

The data and information found will inform municipal decision making – reporting on the state of our city today will help us so that we can better adapt and plan to meet the needs of our future.

