

# THE CANADIAN INFRASTRUCTURE REPORT CARD



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This copy is for your reference only. Please contact your CAO for instructions on how to contribute to your municipality's online survey submission. For any additional questions, please contact [info@canadainfrastructure.ca](mailto:info@canadainfrastructure.ca).

## Canadian Infrastructure Report Card Survey

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# Introduction

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Thank you for contributing to the Canadian Infrastructure Report Card (CIRC). The CIRC aims to provide an objective assessment of the state of asset management practice for municipal roads and bridges, drinking water, wastewater, stormwater, buildings, sports and recreation facilities and public transit<sup>1</sup>. More information can be found on the CIRC website at <http://www.canadainfrastructure.ca>.

This project is sponsored by four major infrastructure stakeholder associations: the Canadian Construction Association (CCA), the Canadian Society for Civil Engineering (CSCE), the Canadian Public Works Association (CPWA), and the Federation of Canadian Municipalities (FCM).

We ask that you identify a survey coordinator to facilitate your municipality's response. The survey must be filled in online here: <http://fluidsurveys.com/s/CIRC/> and the deadline for submitting the completed survey is January 30, 2015.

Please report on all core public infrastructure assets your organization owned within the categories listed in this survey as of December 31, 2013.

We encourage all municipalities to respond to the survey in full. However, if you find you do not have the data to respond to all the questions, please complete as much of the survey as you can. We would welcome your comments at the end of the survey if you would like to explain your responses or to make recommendations for the next iteration of this survey.

We have provided a list of answers to the most frequently asked questions on the CIRC website (<http://www.canadainfrastructure.ca>). We encourage you to read this document before preparing your responses. If you have any questions related to the 2015 CIRC and the survey itself, please contact us by email at [info@canadainfrastructure.ca](mailto:info@canadainfrastructure.ca).

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<sup>1</sup> Please note that detailed transit questions are not included in this survey. CIRC will be working with the Canadian Urban Transit Association (CUTA) and transit operators directly to solicit and analyze data related to the state of transit infrastructure.

# Confidentiality

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**The project is designed so as to not identify any person, business, or organization. The data provided by this questionnaire will be treated in strict confidence. The server used for the online survey and all data is held by a third party within Canada.**

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# Core Information

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You are now in the Core Information section of the Canadian Infrastructure Report Card Survey. We would like some general information about how your municipality manages its assets and makes decisions related to infrastructure.

## C1. Please provide the following information about your municipality:

Municipality	
Street Address of City Hall	
City, Province/Territory	
Postal Code	
Municipal Population (2011)	

## C2. Please provide the main contact person coordinating the survey response for your municipality.

First Name, Last Name	
Title, Department	
E-mail	
Telephone Number, Extension	

## C3.1. Does your municipality have a formal asset management plan, and how often is it intended to be updated?

Asset Management Plan	
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### DROP DOWN MENU OPTIONS:

- No, we have no plans to produce one at this time.
- No, but we intend to produce one within the next year
- Yes, updated every year
- Yes, updated every 2-3 years
- Yes, updated every 4 or more years

**C3.2. If your municipality has an asset management plan, what assets are included in the plan?**

Roads and Bridges	
Potable Water	
Stormwater	
Wastewater	
Buildings	
Sports and Recreation facilities	
Public Transit	

**C4.1. Does your municipality publish a report on the state of municipal infrastructure assets that is used to inform community stakeholders? If so, how often is it intended to be updated?**

State of Infrastructure Assets report	
<b>DROP DOWN MENU OPTIONS:</b>	
No, we have no plans to produce one at this time. No, but we intend to produce one within the next year Yes, updated every year Yes, updated every 2-3 years Yes, updated every 4 or more years	

**C4.2. If your municipality produces a report on the state of municipal infrastructure, what assets are included in the report?**

Roads and Bridges	
Potable Water	
Stormwater	
Wastewater	
Buildings	
Sports and Recreation facilities	
Public Transit	

### C5.1 Do climate change adaptation strategies factor into your municipality’s decision-making process for infrastructure investments?

Climate change adaptation strategies

**DROP DOWN MENU OPTIONS:**

- Not at all
- Informally, depending on the scale and nature of the infrastructure
- Formally, through municipal policies or documented practices.

### C5.2 If climate change adaptation strategies factor into your municipality’s decision-making process, for what asset categories?

Roads and Bridges

Potable Water

Stormwater

Wastewater

Buildings

Sports and Recreation facilities

Public Transit

**If you have finished this section to the best of your ability, please select complete.**

**Please respond to the other sections of the survey or save and send the provided link to the relevant individual in your organization.**

# Roads & Bridges

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You are now in the Roads and Bridges section of the Canadian Infrastructure Report Card Survey.

## R1. Please provide your contact information for the roads and bridges section<sup>2</sup>.

First Name, Last Name	
Title, Department	
Email	
Telephone, Extension	

## R2. Does your organization own the following assets?

Highways	
Arterial roads	
Collector roads	
Local roads	
Lanes and alleys	
Sidewalks	
Bridges	
Culverts ≥ 3m	
Footbridges	

### DROP DOWN MENU OPTIONS:

- Yes
- No

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<sup>2</sup> If different from the main survey contact

### R3. In 2013, what was the value of your municipality's road and bridge network?

For this section, your responses should conform to the PSAB 3150 standards. Please include the value of all associated assets such as signs, guardrails, lighting, on-road cycle lanes/paved shoulder bikeways, sidewalks and fences, if available. See the Glossary ( [LINK](#))for the different types of valuation. For information on standards see the [Public Sector Accounting Group of the Canadian Institute of Chartered Accountants document](#).

	Value of your organization's roads (\$)	Value of your organization's bridges (\$)
Historical Value (cost)		
Accumulated Amortization (2013)		

### R4. In 2013, what was the Estimated Replacement Value of the entire road and bridge network owned by your organization? What was the annual budget for renewal (rehabilitation, reconstruction and replacement) for these assets?

Include the value of all associated assets such as signs, guardrails, lighting, on-road cycle lanes/paved shoulder bikeways, sidewalks and fences, if available. See the Glossary ( [LINK](#)) for definitions of the different types of valuation. If 2013 was not a representative year for annual budget investments, provide an annual value that is representative of investments over the last 3-years.

	Estimated Replacement Value	Annual Renewal Budget
Highway/expressway		
Arterial		
Collector		
Local		
Lanes and Alleys		
Sidewalks		
Bridges		
Culverts ≥ 3m		
Footbridges		

**R5.1 In 2013, what was the size of the road network (in 2-lane equivalent kilometres) owned by your organization?**

	Length (2-lane equivalent kilometres)
Highways/expressways	
Arterial	
Collector	
Local	
Lanes and alleys	
Sidewalks (km)	

**R5.2. Please provide a breakdown your municipality's roads into rural and urban (within and outside the urban boundary) using percentages. Totals should equal 100%**

	Arterial	Collector	Local
Urban			
Rural			

**R6. In 2013, how many bridges were owned by your organization?**

	Number of assets
Bridges	
Culverts ≥ 3m	
Footbridges	

**R7. In 2013, how did your organization manage the following assets:**

Roads	
Bridges	

**DROP DOWN MENU OPTIONS:**

- Computer-based information and maintenance management system
- Paper-based information and maintenance management system
- Both – computer & paper-based
- No information and maintenance management system

**R8. What percentage of your roads and bridges have been assessed for physical condition?**

	Roads	Bridges
Percentage		

**R9. In 2013, what was the condition assessment cycle for the roads and bridges owned by your organization?**

Highways	
Arterial	
Collector	
Local	
Lanes and Alleys	
Sidewalks	
Bridges	
Culverts ≥ 3m	
Footbridges	

DROP DOWN MENU OPTIONS:	
Less than 3 years	
3-5 years	
More than 5 years	
No data	

**R10.1 Using the following condition rating system, please indicate the percentage of the road network owned by your organization that was in each of the following physical conditions in 2013.** Please see the physical condition rating system (LINK). Totals must add up to 100%. If you do not own an asset type, please leave the field(s) empty.

	Highways	Arterials	Collectors	Locals	Lanes & alleys	Sidewalks
Very Poor (%)						
Poor (%)						
Fair (%)						

Good (%)	
Very Good (%)	

**R10.2 Using the following condition rating system, please indicate the percentage of the bridges owned by your organization that was in each of the following physical conditions in 2013.** Please see the asset condition rating system. Totals must add up to 100%. If you do not own an asset type, please leave the field empty.

	Bridges	Culverts ≥ 3m	Footbridges
Very Poor (%)			
Poor (%)			
Fair (%)			
Good (%)			
Very Good (%)			

**R11. What was the primary source of the information you provided on the physical condition of the roads and bridges owned by your organization in Question R10?**

	Source of data for condition assessed
Highways / expressways	
Arterial	
Collector	
Local	
Lanes and alleys	
Sidewalks	
Bridges	
Culverts ≥ 3m	
Footbridges	

**DROP DOWN MENU OPTIONS:**

- Complete data based on detailed inspection and analysis
- Opinion of municipal representative, based on experience working with this asset
- Using proxy information such as age of material, soil environment, estimated service life, etc.
- All of the above

**If you have completed this section to the best of your ability, please select complete.**

**You have completed the Roads and Bridges section. Please respond to the other sections of the survey or save and send the provided link to the relevant individual in your organization.**

# Potable Water

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You are now in the Potable Water section of the Canadian Infrastructure Report Card Survey.

## P1. Please provide your contact information for the potable water section<sup>3</sup>.

First name, Last name	
Title, Department	
E-mail	
Telephone Number, Extension	

## P2. Does your organization own the following assets?

Water treatment plants	
Water reservoirs	
Water pump stations	
Local water pipes (Diameter: < 416 mm)	
Transmission pipes (Diameter: ≥ 416 mm)	

<b>DROP DOWN MENU OPTIONS:</b>
Yes
No

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<sup>3</sup> If different from the main survey contact

**P3. What was the value of the entire potable water network owned by your organization in 2013?** See the Glossary for definitions of the different types of valuation.

For this section, your responses should conform to the PSAB 3150 standards. If you have completed PSAB 3150 reporting, this information will be helpful in completing the questions that follow. For more information on the standards see the Public Sector [Accounting Group of the Canadian Institute of Chartered Accountants document](#).

	Value of your organization's linear water distribution system (pipes) (\$)	Value of your organization's potable water treatment plants (\$)	Value of your organization's water pump stations (\$)	Value of your organization's water reservoirs (\$)
Historical Value (cost)				
Accumulated Amortization (end 2013)				

**P4. In 2013, what was the Estimated Replacement Value of the entire potable water network owned by your organization? What was the annual budget for renewal (rehabilitation, reconstruction and replacement) for these assets?**

Estimated replacement value refers to the approximate cost at the present time required to replace an asset, including demolition costs. Do not include land costs or overhead such as administration. If 2013 was not a representative year for annual budget investments, provide an annual value that is representative of investments over the last 3-years.

	Estimated Replacement Value	Annual Renewal Budget
Local water pipes (Diameter: < 416mm)		
Transmission water pipes (Diameter: ≥ 416mm)		
Water treatment plants		
Pump stations		
Reservoirs		

**P5. In 2013, what was the population served by the potable water system owned by your organization?**

Population served	
# of households served	
# of commercial, industrial, institutional properties served	

**P6.1 In 2013, what was the total length (in km) of the linear water distribution system (pipes) owned by your organization?**

Length (km)

Local water pipes (Diameter: < 416mm)	
Transmission pipes (Diameter: ≥ 416mm)	

**P6.2 In 2013, how many of the following water system assets were owned by your organization?**

Quantity

Treatment Plants	
Pumping Stations	
Reservoirs	

**P7. In 2013, what was the approximate combined storage in mega litres (ML) of all reservoirs (including water towers) owned by your organization?**

1 ML = 1,000,000 litres

ML

Approximate storage	
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**P8. What type of technology do you use to assess the condition of your watermains (check all that apply)**

Closed circuit television	
Acoustic leak detection	
Electromagnetic tests	
Ground penetrating radar	
Sonar	
Other technologies (please list)	

**P9. In 2013, what was the percentage of your linear potable water distribution system (pipes) in each of the following material types?**

Each column should add up to 100%

	Local pipes (Diameter: < 416mm)	Transmission pipes (Diameter: ≥ 416 mm)
Metal (%)		
Plastic (%)		
Concrete (%)		
Other (%)		
Unknown Material (%)		

**P10. In 2013, how did your organization manage its potable water system?**

Treatment plants	
Pump Stations	
Reservoirs	
Linear potable water distribution (pipes)	

**DROP DOWN MENU OPTIONS:**

- Computer-based information and maintenance management system
- Paper-based information and maintenance management system
- Both – computer & paper-based
- No information and maintenance management system

**P11. What percentage of your potable water assets have been assessed for physical condition?**

	Percentage
Water treatment plants	
Water reservoirs	
Water pump stations	
Local water pipes (Diameter: < 416mm)	
Transmission pipes (Diameter: ≥ 416mm)	

**P12.1 In 2013, what was the condition assessment cycle for all non-linear potable water distribution assets owned by your organization?**

Water treatment plants	
Water reservoirs	
Water pump stations	

**DROP DOWN MENU OPTIONS:**

- Less than 3 years
- 3-5 years
- More than 5 years
- No data

**P12.2 In 2013, what was the condition assessment cycle for all linear potable water distribution system (pipes) owned by your organization?**

	Response
Local pipes (Diameter: <416 mm)	
Transmission pipes (Diameter: ≥ 416mm)	

**DROP DOWN MENU OPTIONS:**

- Less than 5 years
- 5-10 years
- More than 10 years
- No data

**P13.1 Using the condition rating system, please indicate the percentages of the linear potable water distribution system (pipes) owned by your organization that were in each of the following physical condition in 2013.**

Please see the Glossary for the asset condition rating system (Link). Totals must add up to 100%. If you do not own an asset type, please leave the field(s) empty.

	Local (Diameter: <416 mm)	Transmission (Diameter: ≥416mm)
Very Poor (%)		
Poor (%)		
Fair (%)		
Good (%)		
Very Good (%)		

**P13.2 Using the condition rating system, please indicate the percentages of the potable water distribution system assets owned by your organization that were in each of the following physical condition in 2013.**

See the Glossary for asset condition rating system (LINK). Totals must add up to 100%. If you do not own an asset type, please leave the field(s) empty.

	Water treatment plants	Water pump stations	Water reservoirs
Very Poor (%)			
Poor (%)			
Fair (%)			
Good (%)			
Very Good (%)			

**P14. What was the primary source of the information you provided on the physical condition of the potable water assets owned by your organization in the questions P13.1 and P13.2?**

	Source of data for condition assessed
Water treatment plant	
Water pump station	
Water reservoir	
Local pipes (diameter: <416 mm)	
Transmission pipes (diameter ≥ 416mm)	

**DROP DOWN MENU OPTIONS:**

- Complete data based on detailed inspection and analysis
- Opinion of municipal representative, based on experience working with this asset
- Using proxy information such as age of material, soil environment, estimated service life, etc.
- All of the above

**P15. In 2013, what percentage of your municipality’s water distribution system (pipes) were in the following age ranges.**

	<20 years	20-39 years	40-59 years	60-79 years	80-99 years	≥100 years
Local pipes (diameter: <416 mm)						
Transmission pipes (diameter ≥ 416mm)						

**P16. Has your municipality undertaken a risk/criticality assessment of the potable water assets owned by your organization?**

	Response
Water treatment plants	
Water reservoirs	
Water pump stations	
Local pipes (diameter: <416 mm)	
Transmission pipes (diameter ≥ 416mm)	

**DROP DOWN MENU OPTIONS:**

- Yes, currently in progress
- Yes, within the last 5 years
- Yes, between 5-10 years

Yes, more than 10 years ago No No, but one is planned for within the next 1-3 years
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**If you have finalized this section to the best of your ability, please select complete.**

**You have completed the potable water section. Please respond to the other sections of the survey or save and send the provided the link to the relevant individual.**

# Stormwater

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You are now in the Stormwater section of the Canadian Infrastructure Report Card Survey.

## S1. Please provide your contact information for the Stormwater section<sup>4</sup>.

First name, Last name	
Title, Department	
E-mail	
Telephone Number, Extension	

## S2. Does your organization own the following assets?

Stormwater drainage pump stations	
Stormwater management facilities	
Culverts <3m	
Stormwater pipes (diameter: < 450 mm)	
Stormwater pipes (diameter: ≥ 450mm to 1500m)	
Stormwater pipes (diameter: ≥ 1500mm)	

### DROP DOWN MENU OPTIONS:

- Yes
- No

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<sup>4</sup> If different from the main survey contact

**S3. What was the value of the stormwater collection system owned by your organization in 2013?**

See the Glossary that defines the different types of valuation. Your responses should conform to the PSAB 3150 standards. For more information on standards please see the [Public Sector Accounting Group of the Canadian Institute of Chartered Accountants document](#).

Value of your organization's linear stormwater collection system (pipes) (\$)	Value of your organization's stormwater drainage pump stations (\$)	Value of your organization's stormwater management facilities (\$)
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Historical Value (cost)	
Accumulated Amortization (2013)	

**S4. In 2013, what was the Estimated Replacement Value of the stormwater assets owned by your organization? What was the annual budget for renewal (rehabilitation, reconstruction and replacement) for these assets?**

Estimated Replacement Value refers to the approximate cost at the present time required to replace an asset, including demolition costs. Do not include land costs or overhead such as administration. If 2013 was not a representative year for annual budget investments, provide an annual value that is representative of investments over the last 3-years.

	Estimated Replacement Value	Annual Renewal Budget
Stormwater drainage pump stations		
Stormwater management facilities		
Culverts <3m		
Stormwater Pipes diameter: < 450mm		
Stormwater Pipes diameter: ≥ 450mm to < 1500 mm		
Stormwater Pipes diameter: ≥1500 mm		

**S5.1 In 2013, what was the total length (in km) of your organization's linear stormwater collection system (pipes)?**

Length (km)

Stormwater Pipes diameter: < 450mm	
Stormwater Pipes diameter: ≥ 450mm to < 1500 mm	
Stormwater Pipes diameter: ≥ 1500mm	

**S5.2 In 2013, how many of the following stormwater system assets were owned by your organization?**

Quantity

Stormwater drainage pump stations	
Stormwater management facilities	
Culverts <3 m	

**S6. In 2013, what was the percentage of your linear stormwater collection system in each of the following material types?**

Each column must add up to 100%

Culverts <3m    Pipe diameter: < 450mm    Pipes diameter: ≥ 450mm to < 1500 mm    Pipes diameter: ≥1500mm

Metal (%)				
Concrete (%)				
Vitrified clay (%)				
Plastic (%)				
Other (%)				
Unknown (%)				

**S7. In 2013, how did your organization manage its stormwater system assets?**

Stormwater drainage pump stations	
Stormwater management facilities	
Linear stormwater collection system (pipes)	

**DROP DOWN MENU OPTIONS:**

- Computer-based information and maintenance management system
- Paper-based information and maintenance management system
- Both – computer & paper-based
- No information and maintenance management system

**S8. In 2013, what was the condition assessment cycle for the stormwater drainage assets owned by your organization?**

Stormwater drainage pump stations	
Stormwater management facilities	
Culverts <3m	
Stormwater Pipes diameter: < 450mm	
Stormwater Pipes diameter: ≥ 450mm to < 1500 mm	
Stormwater Pipes diameter: ≥1500mm	

**DROP DOWN MENU OPTIONS:**

- Less than 5 years
- 5-10 years
- More than 10 years
- Do not own this asset
- No data

**S9. What type of technology do you use to assess the condition of your pipes (check all that apply)**

Closed circuit television	
Acoustic leak detection	
Electromagnetic tests	
Ground penetrating radar	
Sonar	
Other technologies (please list)	

**S10. In 2013, what percentage of your municipality's linear stormwater collection system (pipes) were in the following age ranges.**

Totals must add up to 100%.

	<20 years	20-39 years	40-59 years	60-79 years	80-99 years	100+ years
Culverts <3m						
Stormwater Pipes diameter: < 450mm						
Stormwater Pipes diameter: ≥ 450mm to < 1500 mm						
Stormwater Pipes diameter: ≥1500mm						

**S11.1 Using the condition rating system, please indicate the percentage of the stormwater collection system assets owned by your organization that were in each of the following physical conditions in 2013.** Please see the Glossary for the asset condition rating system (LINK). Totals must add up to 100%. If you do not own an asset type, leave the respective field(s) empty.

	Stormwater drainage pump stations	Stormwater management facilities
Very Poor (%)		
Poor (%)		
Fair (%)		
Good (%)		
Very Good (%)		

**S11.2 Using the condition rating system, please indicate the percentage of the linear stormwater collection system (pipes) owned by your organization that were in each of the following physical conditions in 2013.**

See the Glossary for the asset condition rating system (LINK). Total must add up to 100%. If you do not own an asset type, leave the respective field(s) empty.

	Culverts <3m	Stormwater Pipes diameter: < 450mm	Stormwater Pipes diameter: 450mm to 1500mm	Stormwater Pipes diameter: > 1500mm
Very Poor (%)				
Poor (%)				
Fair (%)				
Good (%)				
Very Good (%)				

**S12. What was the primary source of the information you provided on the physical condition of the stormwater collection system assets owned by your organization in the previous question (S11.1 and S11.2)**

	Source of data
Stormwater drainage pump stations	
Stormwater management facilities	
Culverts <3m	
Stormwater Pipes diameter: < 450mm	
Stormwater Pipes diameter: ≥ 450mm to < 1500 mm	
Stormwater Pipes diameter: ≥1500mm	

**DROP DOWN MENU OPTIONS:**

- Complete data based on detailed inspection and analysis
- Opinion of municipal representative, based on experience working with this asset
- Using proxy information such as age of material, soil environment, estimated service life, etc.
- All of the above

**S13. Using the condition rating system, please indicate the percentage of the stormwater collection system assets owned by your organization that were in each of the following demand/capacity conditions in 2013.**

Please see the Glossary for demand/capacity conditions (LINK). Totals must add up to 100%. If you do not own an asset type, please leave the field(s) empty.

	Stormwater drainage pump stations	Stormwater management facilities	Culverts < 3 m	Stormwater Pipes
Very Poor/Critical (%)				
Poor (%)				
Fair (%)				
Good (%)				
Very Good (%)				

**S14. What was the primary source of the information you provided on the demand/capacity condition of the stormwater collection system owned by your organization in question S13?**

	Source of data
Stormwater drainage pump stations	
Stormwater management facilities	
Culverts <3m	
Stormwater Pipes (all sizes)	

**DROP DOWN MENU OPTIONS:**

- Complete data based on detailed inspection and analysis
- Opinion of municipal representative, based on experience working with this asset
- All of the above

**S15. Since 2009, has your municipality experienced property damage due to flooding? If so, how many occurrences have taken place over the last five years and how many properties have been damaged in total since 2009? If you did not experience any property damage, please leave the fields empty.**

Number of flood events that have resulted in property damage since 2009	
Cost of damage to public property due to flood events since 2009 (e.g., roads washed out, damaged pumping stations)	
Number of private properties damaged due to flood events since 2009 (if known)	

**S16. Has your municipality undertaken a risk/criticality assessment of the stormwater collection system assets owned by your organization?**

Stormwater drainage pump stations	
Stormwater management facilities	
Culverts <3m	
Stormwater Pipes diameter: < 450mm	
Stormwater Pipes diameter: ≥ 450mm to < 1500 mm	
Stormwater Pipes diameter: ≥1500mm	

**DROP DOWN MENU OPTIONS:**

- Yes, currently in progress
- Yes, within the last 5 years
- Yes, between 5-10 years
- Yes, more than 10 years ago
- No

**If you have finalized this section to the best of your ability, please select complete.**

**You have completed the stormwater section. Please respond to the other sections of the survey or save and send the provided the link to the relevant individual.**

# Wastewater

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You are now in the Wastewater section of the Canadian Infrastructure Report Card Survey.

**W1. Please provide your contact information for this section of the survey<sup>5</sup>.**

First name, Last name	
Title, Department	
E-mail	
Telephone Number	
Extension	

**W2. Does your organization own the following assets?**

Wastewater pipes	
Forcemains	
Wastewater treatment plants	
Lagoon systems	
Wastewater pump stations	
Wastewater storage tanks	

**DROP DOWN MENU OPTIONS:**

- Yes
- No

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<sup>5</sup> If different from the main survey contact

**W3. What was the value of the entire wastewater collection system owned by your organization in 2013?** See the Glossary that defines the different types of

valuation. Your responses should conform to the PSAB 3150 standards. If you have completed PSAB 3150 reporting, this information will be helpful in completing the questions that follow. For more information on standards see the [Public Sector Accounting Group of the Canadian Institute of Chartered Accountants document](#).

Value of your organization's linear wastewater collection system (pipes and forcemains) (\$)	Value of your organization's wastewater treatment plants/facilities (incl. lagoons) (\$)	Value of your organization's wastewater pump stations (\$)	Value of your organization's wastewater storage tanks (\$)
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Historical Value (cost)	
Accumulated Amortization (2013)	

**W4. In 2013, what was the Estimated Replacement Value of the entire linear wastewater collection system (pipes) owned by your organization? What was the annual budget for renewal (rehabilitation, reconstruction and replacement) for these assets?**

Estimated replacement value refers to the approximate cost at the present time (2013) required to replace an asset, including demolition costs. Do not include land costs or overhead such as administration. If 2013 was not a representative year for annual budget investments, provide an annual value that is representative of investments over the last 3-years.

	Estimated Replacement Value	Annual Renewal Budget
Sewer pipes diameter: < 450mm		
Sewer pipes diameter: ≥ 450mm to < 1500 mm		
Sewer pipes diameter: ≥1500mm		
Forcemains		
Treatment plants/facilities (incl. lagoons)		

Pump stations	
Combined sewer storage tanks/pipes	

**W5.1. In 2013, what was the approximate combined capacity (million litres per day, or ML/d) of all wastewater treatment plants and lagoon systems owned by your organization?**

	Capacity (ML/d)
Wastewater treatment plants/facilities	

**W5.2. In 2013, what was the combined capacity (in ML) of each of the following types of temporary storage for wastewater or combined sewer overflows that were part of the wastewater collection system owned by your organization.**

	Approximate total storage capacity (ML)
Storage tanks	
Pipe Storage	
Other	
Total storage capacity	

**W6.1 In 2013, what was the total length (in km) of the linear wastewater collection system owned by your municipality?**

	Length (km)
Wastewater Pipes diameter: < 450mm	
Wastewater Pipes diameter: ≥ 450mm to < 1500 mm	
Wastewater Pipes diameter: ≥1500mm	
Forcemains	
Total length	

**W6.2 In 2013, how many of the following wastewater system assets were owned by your organization?**

	Quantity
Wastewater treatment plants/facilities (incl. lagoons)	
Wastewater pump stations	
Wastewater storage tanks/pipes	

**W7. In 2013, what percentage of your municipality’s linear wastewater collection system (pipes) were in the following age ranges.**

	<20 years	20-39 years	40-59 years	60-79 years	80-99 years	100+ years
Wastewater sewer pipes diameter: < 450mm						
Wastewater sewer pipes diameter: ≥ 450mm to < 1500 mm						
Wastewater sewer pipes diameter: ≥1500mm						
Forcemains						

**W8. What type of technology do you use to assess the condition of your sewer pipes or forcemains (check all that apply)**

Closed circuit television	
Acoustic leak detection	
Electromagnetic tests	
Ground penetrating radar	
Sonar	
Other technologies (please list)	

**W9. In 2013, what was the percentage of your linear wastewater collection system (pipes) in each of the following material types?** Columns should equal 100%.

	Wastewater Pipes diameter: < 450mm	Wastewater Pipes diameter: ≥ 450mm to < 1500 mm	Wastewater Pipes diameter: ≥1500mm	Forcemains
Metal (%)				
Concrete (%)				
Vitrified Clay (%)				
Plastic (%)				
Other (%)				
Unknown (%)				

**W10. In 2013, how did your organization manage its wastewater system assets?**

Wastewater treatment plants/facilities (incl. lagoons)	
Wastewater pump stations	
Wastewater storage tanks/pipes	
Linear Wastewater Collection System (pipes and forcemains)	

**DROP DOWN MENU OPTIONS:**

- Computer-based information and maintenance management system
- Paper-based information and maintenance management system
- Both – computer & paper-based
- No information and maintenance management system

**W11. In 2013, what was the condition assessment cycle for all non-linear wastewater collection assets owned by your organization?**

Wastewater treatment plants/facilities (incl. lagoons)	
Wastewater pump stations	
Wastewater storage tanks/pipes	

**DROP DOWN MENU OPTIONS:**

- Less than 5 years
- 5-10 years
- More than 10 years
- Varies, based on risk assessment

No data

**W12. In 2013, what was the condition assessment cycle for all linear wastewater collection assets (pipes) owned by your organization?**

Wastewater Pipes diameter: < 450mm	
Wastewater Pipes diameter: ≥ 450mm to < 1500 mm	
Wastewater Pipes diameter: ≥1500mm	
Force mains	

<b>DROP DOWN MENU OPTIONS:</b>
<ul style="list-style-type: none"> <li>Less than 5 years</li> <li>5-10 years</li> <li>More than 10 years</li> <li>No data</li> </ul>

**W13.1 Using the condition rating system, please indicate the percentage of the wastewater collection system assets owned by your organization that were in each of the following physical conditions in 2013.**

See the Glossary for the asset condition rating system (LINK). Totals must add up to 100%. If you do not own an asset type, leave the field(s) empty.

	Wastewater treatment plants	Lagoon systems	Wastewater pump stations	Wastewater storage tanks/pipes
Very Poor (%)				
Poor (%)				
Fair (%)				
Good (%)				
Very Good (%)				

**W13.2 Using the condition rating system, please indicate the percentage of the linear wastewater system (pipes) owned by your organization that were in each of the following physical conditions in 2013.**

See the the Glossary for the asset condition rating system (LINK). Totals must add up to 100%. If you do not own an asset type, leave the field(s) empty.

	Wastewater Pipes diameter: < 450mm	Wastewater Pipes diameter: ≥ 450mm to < 1500 mm	Wastewater Pipes diameter: ≥1500mm	Forcemains
Very Poor (%)				
Poor (%)				
Fair (%)				
Good (%)				
Very Good (%)				

**W14. What was the primary source of the information you provided on the physical condition of the entire wastewater collection system owned by your organization in the previous question (13.1 and 13.2).**

Source of condition data

Wastewater treatment plants	
Lagoon systems	
Wastewater pump stations	
Wastewater storage tanks/pipes	
Wastewater Pipes diameter: < 450mm	
Wastewater Pipes diameter: ≥ 450mm to < 1500 mm	
Wastewater Pipes diameter: ≥1500mm	
Forcemains	

**DROP DOWN MENU OPTIONS:**

- Complete data based on detailed inspection and analysis
- Opinion of municipal representative, based on experience working with this asset
- Using proxy information such as age of material, soil environment, estimated service life, etc.

All of the above

**W15. Using the condition rating system, please indicate the percentage of the wastewater system assets owned by your organization that were in each of the following demand/capacity conditions in 2013.** See the Glossary for demand/capacity conditions (LINK). Totals must add up to 100%. If you do not own an asset type, leave the field(s) empty.

	Wastewater treatment plants	Lagoon systems	Wastewater pump stations	Wastewater storage tanks/pipes	Wastewater Pipes and Force mains
Very Poor/Critical (%)					
Poor (%)					
Fair (%)					
Good (%)					
Very Good/Excellent (%)					

**W16. Has your municipality undertaken a risk/criticality assessment of the wastewater collection system assets owned by your organization?**

Wastewater treatment plants	
Lagoon systems	
Wastewater pump stations	
Wastewater storage tanks/pipes	
Wastewater sewer pipes diameter: < 450mm	
Wastewater sewer pipes diameter: ≥ 450mm to < 1500 mm	
Wastewater sewer pipes diameter: ≥1500mm	
Force mains	

**DROP DOWN MENU OPTIONS:**

- Yes, currently in progress
- Yes, within the last 5 years
- Yes, between 5-10 years
- Yes, more than 10 years ago
- No

**W17. What was the primary source of the information you provided on the demand/capacity condition of the entire wastewater system assets owned by your organization in question W13.**

Source of data for condition assessed

Wastewater Pipes, including forcemains	
Wastewater treatment plants/facilities (incl. lagoons)	
Lagoon systems	
Wastewater pump stations	
Wastewater storage tanks/pipes	

<b>DROP DOWN MENU OPTIONS:</b>
<ul style="list-style-type: none"> <li>Complete data based on detailed inspection and analysis</li> <li>Opinion of municipal representative, based on experience working with this asset</li> <li>All of the above</li> </ul>

**If you have finalized this section to the best of your ability, please select complete.**

**You have completed the Wastewater section of the survey. Please respond the other sections of the survey or save and send the provided the link to the relevant individual.**

# Buildings

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You are now in the Buildings section of the Canadian Infrastructure Report Card Survey.

**B1. Please provide the contact information for the Buildings section of the survey<sup>6</sup>.**

First Name, Last Name	
Title, Department	
Email	
Telephone, Extension	

**B2. For 2013, please indicate the number of facilities by age\* that are owned by your municipality.** See the Glossary for Building Types (LINK). For this question, please provide the number of individual facility components, and indicate the number contained in multi-use facilities.

	1-10 years	11-20 years	21-30 years	31-49 years	50 + years	Age Unknown	# contained in multi-use facilities**
Police stations (municipally-owned)							
Fire stations							
Paramedic stations							
Administrative buildings, service centres, work yards							
Shelters (youth, women's, homeless)							
Libraries							
Childcare /daycare centres							
Community centres and cultural facilities							
Health care facilities							
Long-term care centres							

<sup>6</sup> If different from the main survey contact

- \* if a facility has undergone substantial renovation/upgrading, age should refer to the years since investment.
- \*\*indicate the number of assets by type that are contained within multi-use facilities (i.e., a library located in a community centre)

### B3. In 2013, what was the value of the Building assets owned by your organization?

For this section, your responses should conform to the PSAB 3150 standards. If you have completed PSAB 3150 reporting, this information will be helpful in completing the questions that follow. For more information see the [Public Sector Accounting Group of the Canadian Institute of Chartered Accountants document](#).

Please provide the value for each facility type. If there are two or more uses in any building, each facility type should be represented by the proportion of the value of that facility. Click [here](#) for support in how to calculate value for multi-use facilities. See the Glossary for Building types (LINK) and for the different types of valuation (LINK).

	Historical Value (cost)	Accumulated Amortization (2013)
Police stations (municipally-owned)		
Fire stations		
Paramedic stations		
Administrative buildings, service centres, work yards		
Shelters (e.g., youth, women’s, homeless)		
Libraries		
Childcare /daycare centres		
Community centres and cultural facilities		
Health care facilities		
Long-term care centres		

**B4. In 2013, what was the Estimated Replacement Value of the Building facilities owned by your organization? What was the annual budget for renewal (rehabilitation, reconstruction and replacement) for these assets?**

Please provide the value for each facility type. If there are two or more uses in any building, each facility type should be represented by the proportion of the value of that facility. Here is more information on how to calculate value for multi-use facilities (LINK). See the Glossary for Building types (LINK). If 2013 was not a representative year for annual budget investments, provide an annual value that is representative of investments over the last 3 years.

	Estimated Replacement Value	Annual Renewal Budget
Police stations (municipally-owned)		
Fire stations		
Paramedic stations		
Administrative buildings, service centres, work yards		
Shelters (e.g., youth, women’s, homeless)		
Libraries		
Childcare /daycare centres		
Community centres and cultural facilities		
Health care facilities		
Long-term care centres		

**B5. In 2013, how did your organization manage the following assets:**

Police stations (municipally-owned)	
Fire stations	
Paramedic stations	
Administrative buildings, service centres, work yards	
Shelters (e.g., youth, women’s, homeless)	
Libraries	
Childcare /daycare centres	
Community and cultural facilities	
Health care facilities	

Long-term care centres	
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<b>DROP DOWN MENU OPTIONS:</b>
Computer-based information and maintenance management system Paper-based information and maintenance management system Both – computer & paper-based No information and maintenance management system

**B6 In 2013, what was the physical condition assessment cycle for the Building assets owned by your organization?**

Police stations (municipally-owned)	
Fire stations	
Paramedic stations	
Administrative buildings, service centres, work yards	
Shelters (e.g., youth, women’s, homeless)	
Libraries	
Childcare /daycare centres	
Community centres and cultural facilities	
Health care facilities	
Long-term care centres	

<b>DROP DOWN MENU OPTIONS:</b>
Less than 5 years 5-10 years More than 10 years Do not own this asset No data

**B7 What percentage of your municipal Building assets have been assessed for physical condition?**

	Percentage
Police stations (municipally-owned)	
Fire stations	
Paramedic stations	
Administrative buildings, service centres, work yards	
Shelters (e.g., youth, women’s, homeless)	
Libraries	
Childcare /daycare centres	
Community centres and cultural facilities	
Health care facilities	
Long-term care centres	

**B8 Using the following condition rating system, please indicate the percentage of the Building assets owned by your organization that was in each of the following physical conditions in 2013.**

See the Glossary for the asset condition rating system (LINK). Totals must add up to 100%.

Very Poor (%)   Poor (%)   Fair (%)   Good (%)   Very Good (%)

Police stations (municipally-owned)	
Fire stations	
Paramedic stations	
Administrative buildings, service centres, work yards	
Shelters (e.g., youth, women’s, homeless)	
Libraries	
Childcare /daycare centres	
Community centres and cultural facilities	

Health care facilities	
Long-term care centres	

**If you have finished this section to the best of your ability, please select complete.**

**You have completed the Buildings section. Please complete the other sections of the survey or save and send the provided link to the relevant individual in your organization.**

# Sports and Recreation Facilities

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You are now in the Sports and Recreation section of the Canadian Infrastructure Report Card Survey.

**SR1. Please provide your contact information for the Sports and Recreation section of this survey<sup>7</sup>.**

Response

First Name	
Last Name	
Title, Department	
Email	
Telephone	
Extension	

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<sup>7</sup> If different from the main survey contact

**SR2. In 2013, what was the value of the entire Sports and Recreation assets owned by your organization?**

For this section, your responses should conform to the PSAB 3150 standards. If you have completed PSAB 3150 reporting, this information will be helpful in completing the questions that follow. Visit the [Public Sector Accounting Group of the Canadian Institute of Chartered Accountants document](#) for more information.

Please provide the value for each facility type. If there are two or more uses in any building, each facility type should be represented by the proportion of the value of that facility. Here is support for help calculating value for multi-use facilities (LINK). See the Glossary for types of sports and recreation facility types (LINK).

	Historical Value (cost)	Accumulated Amortization (2013)
Ice Arenas		
Pools (indoor, outdoor, splash pads, wading pools)		
Skateparks		
Curling Rinks		
Stadiums		
Tennis Courts		
Sports Fields		
Ski Hills		
Community Recreation Centres / Multiplexes including Senior and Youth Centres		

**SR3. In 2013, what was the Estimated Replacement Value of Sports and Recreation facility types owned by your organization? What was the annual budget for renewal (rehabilitation, reconstruction and replacement) for these assets?**

Please provide the value for each facility type. If there are two or more uses in any building, each facility type should be represented by the proportion of the value of that facility. Here is support for calculating value for multi-use facilities ([LINK](#)). See the Glossary for sports and recreation facility types. If 2013 was not a representative year for annual budget investments, provide an annual value that is representative of investments over the last 3-years.

	Estimated Replacement	Annual Renewal budget
<b>ICE ARENAS</b>		
Indoor Ice Arenas: Single pad		
Indoor Ice Arenas: 2-3 pads		
Indoor Ice Arenas: 4 pads (quad)		
Indoor Ice Arenas: 5+ pads		
Outdoor Ice Arenas		
<b>POOLS</b>		
Indoor Pools: 25 metre		
Indoor Pools: 50 metre or longer		
Indoor Pools: Leisure pools		
Outdoor Pools		
Wading pools		
Splash pads		
<b>OTHER FACILITIES</b>		
Skateparks (Indoor/Outdoor)		
Indoor Curling Rinks		
Stadiums (Indoor/Outdoor)		
Tennis Courts (Indoor/Outdoor)		
Sports Fields (Indoor/Outdoor)		
Ski hills		
<b>MULTI-PURPOSE FACILITIES</b>		
Community Recreation Centres/Multiplexes		
Senior Centres		
Youth Centres		

**SR4. For 2013, please indicate the number of sports and recreation facilities by age\* in the following configurations that are owned by your municipality.**

For this question, please provide the number of individual facilities, as well as the number of those facility components contained in multi-use facilities.

	1-10 years	11-20 years	21-30 years	31-49 years	50 + years	Age Unknown	# contained in multiplexes**
<b>ICE ARENAS</b>							
Indoor Ice Arenas: Single pad							
Indoor Ice Arenas: 2-3 pads							
Indoor Ice Arenas: 4 pads							
Indoor Ice Arenas: 5+ pads							
Outdoor Ice Arenas							NA
<b>POOLS</b>							
Indoor Pools: 25 metre							
Indoor Pools: 50 metre +							
Indoor Pools: Leisure pools							
Outdoor Pools							NA
Wading pools							NA
Splash pads							NA
<b>OTHER FACILITIES</b>							
Skateparks (Indoor/Outdoor)							
Indoor Curling Rinks							
Stadiums (Indoor/Outdoor)							
Tennis Courts (Indoor/Outdoor)							
Sports Fields (Indoor/Outdoor)							
Ski hills							NA
<b>MULTI-PURPOSE FACILITIES</b>							
Community Recreation Centres/Multiplexes							NA
Senior Centres							
Youth Centres							

\* if a facility has undergone substantial renovation/upgrading, age should refer to the years since investment.

\*\*indicate the number of assets by type that are contained within multi-use facilities (i.e., pool located in a community recreation centre)

**SR5. In 2013, what was the condition assessment cycle for the sports and recreation assets and network owned by your organization?**

Response

Ice Arenas	
Pools (indoor, outdoor, splash pads, wading pools)	
Community Recreation Centres/Multiplexes	
Senior/Youth Centres	
Skateparks	
Curling Rinks	
Stadiums	
Tennis Courts	
Sports Fields	
Ski Hills	

**DROP DOWN MENU OPTIONS:**

- Less than 5 years
- 5-10 years
- More than 10 years
- Do not own this asset
- No data

**SR6. In 2013, how did your organization manage the following assets:**

Response

Ice Arenas	
Pools (indoor, outdoor, splash pads, wading pools)	
Community Recreation Centres/Multiplexes	
Senior/Youth Centres	
Skateparks	
Curling Rinks	
Stadiums	
Tennis Courts	
Sports Fields	
Ski Hills	

**DROP DOWN MENU OPTIONS:**

- Computer-based information and maintenance management system
- Paper-based information and maintenance management system
- Both – computer & paper-based
- No information and maintenance management system

**SR7. What percentage of the following assets owned by your organization have been assessed for physical condition?**

	Percentage
Ice Arenas	
Pools (indoor, outdoor, splash pads, wading pools)	
Community Recreation Centres/Multiplexes	
Senior/Youth Centres	
Skateparks	
Curling Rinks	
Stadiums	
Tennis Courts	
Sports Fields	
Ski Hills	

**SR8. Using the following condition rating system, please indicate the percentage of the sports and recreation assets owned by your organization that was in each of the following physical conditions in 2013.**

Detailed definitions about the asset condition rating system can be found in the glossary (LINK). Totals must add up to 100%. If you do not own an asset type, please leave the field(s) empty.

	Very Poor (%)	Poor (%)	Fair (%)	Good (%)	Very Good (%)
<b>ICE ARENAS</b>					
Indoor Ice Arenas: Single pad					
Indoor Ice Arenas: 2-3 pads					
Indoor Ice Arenas: 4 pads					
Indoor Ice Arenas: 5+ pads					
Outdoor Ice Arenas					
<b>POOLS</b>					
Indoor Pools: 25 metre					
Indoor Pools: 50 metre +					
Indoor Pools: Leisure pools					
Outdoor Pools					
Wading pools					
Splash pads					
<b>OTHER FACILITIES</b>					
Skateparks (Indoor/Outdoor)					
Indoor Curling Rinks					
Stadiums (Indoor/Outdoor)					
Tennis Courts (Indoor/Outdoor)					
Sports Fields (Indoor/Outdoor)					
Ski hills					
<b>MULTI-USE FACILITIES</b>					
Community Recreation Centres/Multiplexes					
Senior Centres					
Youth Centres					

**If you have finalized this section to the best of your ability, please select complete.**

**You have completed the Sports and Recreation section. Please complete the other sections of the survey or save and send the provided link to the relevant individual in your organization.**

**Congratulations! You have completed the Canadian Infrastructure Report Card Survey. Thank you for taking the time and effort to respond to this survey. If you wish to keep a copy of the answers for yourself, print your responses after you click “Submit” or download a copy.**

**We will be compiling and analyzing the results of the survey over the coming months. We expect to be releasing the final report in fall 2015. In the meantime, we invite you to follow us on Twitter @CIRC\_BRIC or keep checking the CIRC website at [canadainfrastructure.ca](http://canadainfrastructure.ca) for updates.**

**Do you have any comments or suggestions for us to improve the next iteration of the survey? Please enter them here:**

# Glossary

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## Glossary of terms

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### **Historical Value**

- *The amount paid at the time an asset was originally acquired, constructed, or developed, including installing the asset at the location and in the condition necessary for its intended use. Refer to your statement of tangible capital assets developed for PSAB 3150.*

### **Accumulated Amortization**

- *The sum of the allocated cost less the residual value of a tangible capital asset to operating periods as an expense over its useful life. Refer to your statement of tangible capital assets developed for PSAB 3150.*

### **Remaining Book Value**

- *Asset cost, less accumulated amortization and the amount of any write-downs. Refer to your statement of tangible capital assets developed for PSAB 3150.*

### **Replacement Cost**

- *Estimated replacement value refers to the approximate cost at the present time required to replace an asset, including demolition costs. Do not include land costs or overhead such as administration.*

### **Annual Renewal Budget**

- *Annual budget for the rehabilitation, reconstruction or replacement of infrastructure.*

### **Calculating Replacement Cost for multi-use facilities**

- *If there are two or more uses on any building or property, the proportional replacement cost of each facility type should be represented. For example, if a library is located within a community centre, and the value of the library represents 35% of that facility's replacement value, then indicate 35% of the building's value under library, and the balance under community centre. It is important to avoid double counting and to not include the entire value of the facility solely under community centre.*

### **Stand-alone facility**

- *An individual building that includes a facility type that is separate from other facility components or types – such as an individual arena or pool that is not connected to a multi-use complex. A stand-alone facility may also include amenities that support the use of the facility (such as dressing rooms, lounges, concessions, etc.).*

## Glossary for asset condition

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Condition grading system should align with the following definitions:

- **Very Good - Fit for the future.**  
*Well maintained, good condition, new or recently rehabilitated.*
- **Good - Adequate for now.**  
*Acceptable, generally within mid stage of expected service life*
- **Fair - Requires attention.**  
*Signs of deterioration, some elements exhibit deficiencies.*
- **Poor –Increasing potential of affecting service.**  
*Approaching end of service life, condition below standard, large portion of system exhibits significant deterioration*
- **Very Poor/Critical - Unfit for sustained service.**  
*Near or beyond expected service life, widespread signs of advanced deterioration, some assets may be unusable.*

Don't have condition information? Using the amount of the estimated service life (ESL) remaining is a good starting point. Here is a guide that you can use:

Condition Grade	% of ESL remaining on asset
Very Good	80-100%
Good	60-79%
Fair	40-59%
Poor	20-39%
Very Poor	<20%

## Glossary for demand/capacity condition

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Demand/Condition grading system should align with the following definitions:

- **Very Good**  
*Demand corresponds well to the design capacity and no operational problems experienced.*
- **Good**  
*Demand is within design capacity and occasional operational problems experienced.*
- **Fair**  
*Demand is approaching design capacity and/or significant operational problems occur regularly.*
- **Poor**  
*Demand at design capacity and/or significant operational problems are evident*
- **Very Poor/Critical**  
*Demand exceeds design capacity and/or operational problems are serious and ongoing.*

## Glossary of Sports and Recreation Facility types

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Indoor Ice Arenas	A facility (either stand-alone or as part of a community centre) that offers one or more ice surfaces used for a variety of purposes other than curling.
Outdoor Ice Rink	An artificial or natural ice surface (excluding a frozen body of water like a pond or lake) that is used for a variety of purposes and could be a traditional rectangular ice surfaces and ice paths.
Indoor Pools	An indoor swimming facility (either stand-alone or as part of a community centre) utilized for a variety of individual and group aquatic uses - each individual tank should be counted separately, but not including whirlpools.
Multiplexes or Community Recreation Centres	A facility used for multi-purpose recreation programs that could include a combination of various facility components such as a pool, arena, fitness centre, meeting rooms, seniors' centre, etc. In certain jurisdictions this facility could also be referred to as a recreation or sport multiplex or complex.
Sports Fields	A dedicated or multi-use outdoor space used for various sports activities such as baseball, softball, soccer, cricket, football, rugby, lacrosse or ultimate Frisbee. Can refer to an indoor or outdoor facility.
Senior Centres	A facility used for multi-purpose programs that is dedicated for use by older adults.
Youth Centres	A facility used for multi-purpose programs that is dedicated for use by children and youth
Outdoor Pools	An outdoor swimming facility utilized for a variety of individual and group aquatic uses.
Gymnasias	A large, multi-purpose room in which various indoor activities are conducted (e.g. basketball and volleyball).
Skate Parks	An indoor or outdoor space that includes ramps, quarter pipes, hips and ledges used for the sport of skateboarding.
Tennis Courts	A facility where the sport of tennis is played consisting of a firm rectangular surface with a low net. Can refer to an indoor or outdoor facility.
Curling Rinks	A facility offering one or more ice surfaces used exclusively for the sport of curling.
Splash Pads	An outdoor aquatic play facility with no standing water.
Wading Pools	A shallow depth outdoor aquatic facility.
Fitness Centres	A facility used for cardiovascular, resistance, weight training or group exercise (either stand-alone or as part of a community centre)
Stadiums	An indoor or outdoor facility able to accommodate large numbers of spectators for a wide variety of events.
Ski Facilities	An outdoor facility used for downhill skiing with lifts or tows.
Golf Courses	An outdoor facility used to play the sport of golf but not including driving ranges.

## Glossary of Building Facility types

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Fire station	A fire station or fire house or fire hall is a structure set aside for storage of fire engines and related vehicles, protective and specialized equipment and fire hoses. It may also include living facilities and work areas.
Paramedic station	A paramedic or ambulance station is a structure set aside for storage of ambulance vehicles, medical equipment, personal protective equipment, and other medical supplies. It may also include garage bays, parking, living quarters, offices, training rooms and oxygen store.
Administrative buildings, service centres, work yards	Facilities including could include council and municipal administration offices, bylaw enforcement offices, court houses and work yards.
Community and Cultural facilities	Buildings related to cultural and art facilities. This could include art galleries, theatres, museums, cultural facilities, music centres, arts incubators and studios.
Shelters (e.g., youth, women's, homeless)	Facilities that provide temporary/transitional single or shared bedrooms or dormitory type sleeping arrangements with varying levels of support to homeless individuals, families or those escaping abuse. This could include homeless, youth or family or women's shelters.
Libraries	A facility that is accessible to the general public that provides information for reference or lending . May also provide computer resources and space for community gathering.
Childcare / daycare centres	An establishment providing for the care, supervision and protection of children, but does not include the provision of overnight supervision.
Health care facilities	Facilities related to the provision of health care services under the control of the municipality. This could include medical clinics and health centres.
Long term care centres	Facilities dedicated to providing medical, social, and personal care or assisted living for people with chronic physical or mental disorders. This includes nursing homes and other homes for the aged, hospice/palliative care, rehabilitation and long-term chronic care facilities.