



The Regional Municipality of Durham

COUNCIL INFORMATION PACKAGE

September 16, 2022

Information Reports

- 2022-INFO-74** Commissioner of Finance – re: Use of Delegated Authority Granted Under Bylaw 17-2020 Related to the COVID-19 Pandemic for the period of January through August 2022
- 2022-INFO-75** Commissioner and Medical Officer of Health – re: State of the Great Lakes 2022 Report and 2022 Progress Report of the Parties
- 2022-INFO-76** Commissioner of Finance – re: Budget Management Policy and Purchasing By-law Program Reporting Requirements for January 1 to August 31, 2022 and Delegation of Authority During a Recess of Council
- 2022-INFO-77** Commissioner of Planning and Economic Development – re: 2021 Census of Population – Age, Gender, and Dwelling Type (Release 2)

Early Release Reports

There are no Early Release Reports

Staff Correspondence

There is no Staff Correspondence

Durham Municipalities Correspondence

There are no Durham Municipalities Correspondence

Other Municipalities Correspondence/Resolutions

1. **Municipality of Brighton** – re: Resolution passed at their Council meeting held on September 6, 2022, regarding changes to be made to the Healthcare Connect System for Members of the Canadian Armed Forces
2. **Town of Plympton-Wyoming** – re: Resolution passed at their Council meeting held on August 31, 2022, in support of the Town of Wasaga Beach resolution regarding Strong Mayors, Building Homes Act, 2022

Miscellaneous Correspondence

1. Durham Regional Police Services Board – re: [Public Agenda Tuesday, September 20, 2022](#)
2. Lake Simcoe Region Conservation Authority – [Board of Directors Meeting Agenda Friday, September 23, 2022](#)

Advisory / Other Committee Minutes

There are no Advisory/Other Committees Minutes

Members of Council – Please advise the Regional Clerk at clerks@durham.ca, if you wish to pull an item from this CIP and include on the next regular agenda of the appropriate Standing Committee. Items will be added to the agenda if the Regional Clerk is advised by Wednesday noon the week prior to the meeting, otherwise the item will be included on the agenda for the next regularly scheduled meeting of the applicable Committee.

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The Regional Municipality of Durham Information Report

From: Commissioner of Finance
Report: #2022-INFO-74
Date: September 16, 2022

Subject:

Use of Delegated Authority Granted Under Bylaw 17-2020 Related to the COVID-19 Pandemic for the period of January through August 2022

Recommendation:

Receive for information

Report:

1. Purpose

1.1 This report provides details related to the use of delegated authorities granted by Regional Council as part of By-law 17-2020, presented to Regional Council in Report #2020-A-11.

2. Background

2.1 Regional Council delegated certain authority to staff in order to ensure business continuity during the COVID-19 Pandemic State of Emergency declared by the Regional Municipality of Durham (Durham) on March 24, 2020, subsequent to that declared by the Province of Ontario on March 17, 2020. Durham ended its emergency declaration on March 28, 2022. However, By-law 17-2020 remains in effect until expressly repealed by a subsequent by-law.

2.2 As part of the requirements in exercising this authority, periodic reporting to Council of the use of delegated authority is required.

3. Previous Reports and Decisions

3.1 On March 25, 2020, Regional Council approved Report #2020-A-11, which recommended delegating certain authorities to staff as a pro-active step to ensure

continuity in meeting ongoing administrative and financial obligations, ensuring that critical services continue uninterrupted throughout the COVID-19 pandemic.

- 3.2 By-law 17-2020 was enacted as a result of the approval of the recommendations contained in Report #2020-A-11.
- 3.3 Report #2020-INFO-119, dated December 4, 2020, covered the use of the delegated authority under By-law 17-2020 from the date of the emergency declaration up the end of 2020.
- 3.4 Report #2021-INFO-113, dated October 29, 2021, covered the use of the delegated authority under By-law 17-2020 from January 1, 2021 to June 30, 2021.
- 3.5 Report #2022-INFO-50, dated June 10, 2022, covered the use of the delegated authority under By-law 17-2020 from July 1, 2021 to December 31, 2021.

4. Use of Delegated Authority

By-law 17-2020, Section 1.1.1

- 4.1 Section 1.1.1 of By-law 17-2020 authorized staff to execute all delegations set out under the “Delegation of Authority during Recesses of Regional Council” provisions of the Budget Management Policy.
- 4.2 The following contract and contract extension were approved through negotiation due to the COVID-19 pandemic to ensure continued service during the pandemic emergency.
 - Rental Agreement between Ivanhoe Cambridge Inc. and the Regional Municipality of Durham, for a Mass Immunization Clinic at the Oshawa Centre, 419 King Street East, Oshawa, Lower Level, from January 10, 2022 to April 30, 2022, at a monthly rental rate of \$67,000, plus applicable taxes, prorated for the month of January. The agreement was subsequently extended from May 1, 2022 to May 31, 2022, and then again from June 1, 2022 to December 31, 2022, both times with the same terms and conditions as in the original agreement.
 - Extension of a tri-party Lease Agreement between Durham College, Campus Ice Centre/UOIT, Lakeridge Health and the Regional Municipality of Durham for a Mass Immunization Clinic at 2200 Simcoe Street North, Oshawa, from February 1, 2022 to June 30, 2022, at a monthly rental rate of \$40,100, plus applicable taxes, and additional payment for heating/cooling costs estimated at

\$1,500 to \$7,000 per month. This lease agreement was subject to subsequent negotiation for early termination of the lease, effective April 15, 2022.

- Extension of Lease Agreement between Calloway REIT (Pickering) Inc. and the Regional Municipality of Durham for the Mass Immunization Clinic at 1899 Brock Road, Unit 5, Pickering from July 1, 2022 to December 31st, 2022. During the period of November 1, 2021 to June 30, 2022, there is no rental charge associated with this space. Effective July 1st, 2022, there is a monthly payment for common area maintenance (CAM) costs and property taxes of \$21,012.89, plus applicable taxes.

By-law 17-2020, Section 1.1.6

4.3 Section 1.1.6 of By-law 17-2020 authorized the Regional Chair or CAO acting together with the Treasurer to receive and distribute emergency funding available from any level of government.

4.4 The following distribution of emergency funding to address operational needs were undertaken as detailed in the following:

- Memorandum of Understanding between the Regional Municipality of Durham and John Howard Society Durham Region for funding up to \$142,640 - Other Services and Supports (Temporary COVID-19) to provide services and supports to assist vulnerable or at-risk clients with support in obtaining or retaining housing.
- Memorandum of Understanding between the Regional Municipality of Durham and The First Light Foundation of Hope for funding up to \$67,885 - Community Outreach and Support Services (Temporary COVID 19) to provide supports and services to individuals not in supportive housing (i.e., the services are short-term/emergency supports or are ongoing; but not linked to a person receiving long-term housing assistance).

5. Financial Implications

5.1 The agreement and amending agreements, as detailed in Section 4.2 above, approved using the delegated authority provided in By-law 17-2020, were funded from the provincial subsidy for mass vaccination programs.

5.2 The agreements for the provision of funding to community agencies, as detailed in Section 4.4 above, approved using the delegated authority provided in Section

1.1.6 of By-law 17-2020, are funded by the Social Services Relief Funding received from the provincial government.

6. Relationship to Strategic Plan

6.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:

- Social Investment Goal 4: To ensure a range of programs, services and supports are available and accessible to those in need, so that no individual is left behind.
- Service Excellence Goal 5.1: Optimize resources and partnerships to deliver exceptional quality services and value.

7. Conclusion

7.1 This report provides the necessary updates to ensure that Regional Council is advised of the delegated authority exercised as authorized by By-Law 17-2020.

Respectfully submitted,

Original Signed By

Nancy Taylor, BBA, CPA, CA
Commissioner of Finance

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3111



The Regional Municipality of Durham Information Report

From: Commissioner & Medical Officer of Health
Report: #2022-INFO-75
Date: September 16, 2022

Subject:

State of the Great Lakes 2022 Report and 2022 Progress Report of the Parties

Recommendation:

Receive for information

Report:

1. Purpose

1.1 To provide an update on two reports: [State of the Great Lakes 2022 Report](#) (SOGL), and [2022 Progress Report of the Parties](#), jointly published by Environment and Climate Change Canada and the United States Environmental Protection Agency on July 29, 2022.

2. Background

- 2.1 Fifty years ago, Canada and the United States first signed the [Great Lakes Water Quality Agreement](#), which is a commitment to work together to restore and protect the Great Lakes including Lake Superior, Lake Michigan, Lake Huron, Lake Erie, and Lake Ontario.
- 2.2 Since 1972, the Agreement has been a catalyst for strong regional partnerships and innovative approaches to environmental actions.
- 2.3 The two Great Lakes reports were released in alignment with the Great Lakes Water Quality Agreement.

3. Reports Highlights

SOGL Report

3.1 The SOGL report summarized an assessment of several indicators of ecosystem health based on data from 2011 to 2020.

- a. The following indicators were considered 'good'.
 - Drinking water (trend: unchanging)
 - Beaches (trend: unchanging to improving)
 - Invasive species prevention (trend: unchanging)
 - Groundwater (undetermined)
- b. The following indicators were considered 'fair'.
 - Fish consumption (trend: improving)
 - Toxic chemicals (trend: unchanging to improving)
 - Habitat and species (trend: unchanging)
 - Nutrients and algae (trend: unchanging)
 - Watershed impacts (trend: unchanging)
- c. One indicator was considered 'poor'.
 - Invasive species impact (trend: unchanging)

3.2 The SOGL report also summarized an assessment of the health of each Great Lake. The same suite of indicators used to assess the overall condition of the Great Lakes is used to assess each individual lake. According to this assessment:

- a. Lake Superior was assessed as 'good' with 'unchanging' trends.
- b. Lake Michigan was assessed as 'fair' with 'unchanging' trends.
- c. Lake Huron was assessed as 'good' with 'unchanging' trends.
- d. Lake Erie was assessed as 'poor' with 'unchanging' trends.
- e. Lake Ontario was assessed as 'fair' with 'unchanging to improving' trends.
 - Since Durham Region's southern municipalities are located on the shores of Lake Ontario, section 3.3 below provides further information including details of the lake's health status when looking at sub-indicators.

3.3 Lake Ontario's sub-indicator assessments results showed:

- a. Fewer beach closings over the past ten years.
- b. The lake continues to be a good source of drinking water (when treated).
- c. Long-term trends indicate that concentrations of toxic chemicals are declining. This includes improvements in fish, although consumption advisories for certain species remain in effect.

- d. Algae assessments found excessive growth of Cladophora (a genus of green algae) in the lake, although nutrients overall were considered fair, and other algae blooms were assessed as good.
- e. Coastal wetland amphibians and birds are showing improving trends.
- f. Assessing aquatic foods showed good or fair results when looking at most species; however, lake sturgeon and Diporeia (an important food source for prey fish), showed poor results.
- g. Groundwater quality is assessed as fair, but road salt has resulted in elevated chloride levels.
- h. Although the rate of new aquatic non-Indigenous species was good, impacts of existing invasive species continues to be an issue.
- i. Rapid human population growth and urban development has affected land cover and hardened shorelines. As populations continue to grow in Durham Region and the Greater Toronto Area, it is expected to add more stress on the lake's ecosystem.
- j. Historical precipitation amounts and surface water temperature have been increasing, and historical ice cover is decreasing, which may have ecosystem implications.

Progress Report of the Parties

3.4 The progress report shares accomplishments made in the past three years towards restoring and protecting Great Lakes water quality and ecosystem health. This year's report shared the following accomplishments:

- a. Two areas of concern were formally delisted, four areas of concern had all management actions completed, 24 ecosystem impairments were removed in 19 areas of concerns, and 1,280,000 cubic yards of contaminated sediment were remediated throughout the Great Lakes.
- b. Multi-agency Lake Partnerships were put in place for each of the five Great Lakes.
- c. Through domestic regulations and the implementation of binational strategies, significant progress was made to reduce the release of chemicals of concern into the Great Lakes.
- d. Reducing excess nutrient (phosphorus) inputs to Lake Erie remained the highest priority for action. Implementation of on-the-ground actions identified in the Domestic Action Plans slowed phosphorus inputs that cause toxic and nuisance algae blooms in Lake Erie.
- e. The United States and Canada managed vessel discharges and coordinated successful responses to vessel emergencies that had the potential for oil or hazardous substance discharges. In addition, the federal governments have both significantly advanced legislation that would further strengthen ballast water management programs.
- f. Governmental partners continued to reduce populations of invasive carp. In addition, government agencies and their partners performed invasive species control projects throughout the Great Lakes watershed.

- g. United States and Canadian agencies have sponsored hundreds of projects that restore the health of Great Lakes watersheds, coastlines, and aquatic habitats. Both countries also enhanced their ability to conserve and manage coastal wetlands through complimentary domestic science initiatives.
- h. Canadian and United States governmental agencies continued to actively manage contaminated groundwater sites that may pose a risk to the Great Lakes. Both countries also worked together to assess the state of groundwater science through the development of [Groundwater Science Relevant to the Great Lakes Water Quality Agreement: A Status Report](#).
- i. The United States and Canadian governments increased awareness of climate change impacts through quarterly and annual reporting and hosting webinars on climate change topics and initiatives. This information may help support the development of climate change adaptation strategies throughout the Great Lakes.
- j. A comprehensive state of the Great Lakes report was issued in 2022, which assesses the overall health of the Great Lakes using a suite of ecosystem indicators. Engagement continued with Indigenous Peoples and Tribes on enhancing and promoting the common understanding of Traditional Ecological Knowledge and its application towards the restoration and protection of the Great Lakes.

4. Relationship to Strategic Plan

- 4.1 This report relates to the following strategic goals and priorities in the Durham Region Strategic Plan:
 - a. Goal 1: Environmental Sustainability: 1.4 Demonstrate leadership in sustainability and addressing climate change.
 - b. Goal 2: Community Vitality: 2.4 Influence the social determinants of health to improve outcomes for vulnerable populations.

5. Conclusion

- 5.1 The two Great Lakes reports found that progress has been made in restoring and protecting the Great Lakes. This includes reductions in toxic chemicals and in the establishment of new non-native aquatic species. However, assessments demonstrate that there are still significant threats to the Great Lakes ecosystem, including the impacts of nutrients, especially in Lake Erie and some nearshore areas in other Great Lakes, and the impacts of invasive species. Further, climate change is intensifying some ecosystem threats.
- 5.2 Durham Region staff in several departments together with local partners are involved in various initiatives that address the impacts of climate change.
- 5.3 In accordance with the [Ontario Public Health Standards: Requirements for Programs, Services, and Accountability](#), Durham Region Health Department (DRHD) tests waters at public beaches as part of its beach monitoring program

throughout the summer. Tests carried out at all Durham Region beaches include testing water samples for high levels of bacteria to let beach visitors know which beaches are safe for swimming. Results are posted weekly during the summer months on durham.ca/beaches and results are sent to the media to assist with public notifications. DRHD tests ten beaches on Lake Ontario.

- 5.4 DRHD reminds the public not to swim in beach water for at least 48 hours after heavy rainfall as bacteria levels can increase due to run-off.

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM
Commissioner & Medical Officer of Health

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The Regional Municipality of Durham Information Report

From: Commissioner of Finance
Report: #2022-INFO-76
Date: September 16, 2022

Subject:

Budget Management Policy and Purchasing By-law Program Reporting Requirements for January 1 to August 31, 2022 and Delegation of Authority During a Recess of Council

Recommendation:

Receive for information

Report:

1. Purpose

- 1.1 This report provides details related to capital program awards and material contract amendments for the period of January 1 to August 31, 2022, in accordance with the Region's Budget Management Policy and Purchasing By-law 16-2020. This report also covers the use of delegated authorities granted in Section 19 of the Region's Budget Management Policy for the most recent recess of Regional Council.
- 1.2 Dollar amounts followed by an asterisk (*) are before applicable taxes.

2. Previous Reports and Decisions

- 2.1 The Region's Budget Management Policy and Purchasing By-law 16-2020 were approved by Regional Council (Council) on March 25, 2020. The Budget Management Policy provides guidelines for semi-annual reporting by the Treasurer to Council in cases where financing of additional capital project costs is provided through reallocation of funds from within the current year capital program. The Purchasing By-law requires that where the award of a proposal for the total purchase price of \$100,000 or greater is issued, that a semi-annual information report be submitted to Council.

2.2 The previous semi-annual report, #2022-INFO-52, covered the period of July 1 to December 31, 2021.

3. Reallocation of Capital Financing under \$250,000

3.1 Section 15.4 of the Region's Budget Management Policy requires that where the estimated project costs, based on the award of a tender or other contracts, are expected to exceed the approved capital project budget by less than \$250,000, the additional expenditure and financing shall be approved by the Department Head, Treasurer and C.A.O. Financing for the additional project costs will be provided through reallocation from within the current year capital program, with details of the material reallocations incorporated into a semi-annual information report submitted by the Treasurer.

3.2 Instances where there was a reallocation of capital financing under \$250,000, based on tender awards, for the period are described below:

Project	Approved Project Budget \$*	Revised Project Budget \$*	Total Increase \$*
1. Contract D2022-35 for Road Construction and Resurfacing and Watermain replacement on Thickson Rd. (Reg. Rd. 26) at Burns St. E., in the Town of Whitby (R1810). Funding was allocated from the Bayly St. (Reg. Rd. 22) at Church St. S. (Reg Rd. 24) Intersection Modification project, in the City of Pickering (R1611).	2,404,880	2,652,380	247,500
2. Request for Proposal 1094-2021 for Engineering Consulting Services for the Detailed Design of Liberty St. (Reg. Rd. 14) from Baseline Rd. to King St. E., in the Municipality of Clarington (R0503). Funding was allocated from the Road Widening and Intersection Modification of Westney Rd. (Reg. Rd. 31) from Hwy 401 to south of Kingston Rd. (Hwy 2) project, in the Town of Ajax (R1929).	1,606,258	1,851,258	245,000

Project	Approved Project Budget \$*	Revised Project Budget \$*	Total Increase \$*
3. Contract D2021-30 for the Watermain Construction on Lviv Blvd. from Front St. to Albert St. and Feedermain Construction on Front St. from Michael Starr Trail to Bloor St. E. (Reg. Rd. 22), in the City of Oshawa (D1801). Funding was allocated from the Works to Rectify Identified System Deficiencies Independent of Road Programs in Various Locations project (M2299).	4,693,983	4,893,983	200,000
4. Contract D2021-24 for the Zone 3 Feedermain and Sanitary Sewer Construction on Conlin Rd. from Thickson Rd. to Stevenson Rd. N., in the Town of Whitby and the City of Oshawa (D2223). Funding was allocated from the Allowance for Regional Share for Works in Conjunction with Residential Development project (M2210), excluding the Developer's share of funding.	23,938,666	24,117,666	179,000
5. Regional share of the Township of Uxbridge contract U22-02 for the Planks Lane Reconstruction from Marietta St. to Franklin St., in the Township of Uxbridge (U2201). Funding was allocated from the Allowance for Unknown Requirements in Conjunction with Area Municipality Road Programs in Various Locations project (M2203).	200,000	253,150	53,150

- 3.3 Section 17.2 of the Region's Budget Management Policy requires that where additional commitments that increase the cumulative project over-expenditure by an amount less than \$250,000, the additional expenditure and financing shall be approved by the Department Head, Treasurer and C.A.O. Financing for the additional project costs will be provided through reallocation from within the current

year capital program, with the details of the material reallocations incorporated into a semi-annual information report submitted by the Treasurer.

- 3.4 Instances where there was a reallocation of capital financing under \$250,000 for additional expenditures for the period are described below:

Project	Approved Project Budget \$*	Revised Project Budget \$*	Total Increase \$*
1. Contract T-1051-2022 for the Chemical Spill Containment area at the Port Darlington Water Pollution Control Plant, in the Municipality of Clarington (D1845). Funding was allocated from the Boiler Replacement at the Newcastle Water Pollution Control Plant project, in the Municipality of Clarington (D1847).	300,000	549,000	249,000
2. Contract T-1010-2022 for the Replacement of Heating, Ventilation, and Air Conditioning (HVAC) and Building Automation System (BAS) at the Corbett Creek Water Pollution Control Plant, in the Town of Whitby (2020_WORKS). Funding was allocated from excess funding in Sanitary Sewer projects closed in 2022.	723,000	943,000	220,000
3. Contract T-1042-2022 for the Pre-Construction work for the Chemical Room Ventilation at the Oshawa Water Supply Plant, in the City of Oshawa (2020_WORKS). Funding was allocated from the Dehumidification Installation project at the Beaverton Water Supply Plant, in the Township of Brock (2018_WORKS).	150,000	285,000	135,000

Project	Approved Project Budget \$*	Revised Project Budget \$*	Total Increase \$*
4. Upgrade of the Optical Sorter at the Material Recovery Facility, in the Town of Whitby (G1706). Funding was allocated from 2021 Solid Waste Management budget operational savings.	1,127,373	1,240,164	112,791

4. Capital Project Expenditures for Extra Work Greater than \$250,000 Funded from Within the Approved Project Budget

- 4.1 Section 16 of the Region's Budget Management Policy requires that the Finance Department be advised of the commitment for extra work and the reallocation of financing within a capital project to cover additional expenditures, up to the limits specified in Section 16.1, based on the approved contract value. For additional expenditures exceeding \$250,000, the details of the additional expenditure shall be incorporated in a semi-annual information report submitted by the Treasurer.
- 4.2 Instances where capital project expenditures for extra work greater than \$250,000 were funded from within the approved project budget for the period are described below:

Project	Vendor	Most Recent Council Reported Contract Value \$	Revised Upset Limit \$	Total Increase \$*
1. Enhancements to PLANit, the Region's Development Tracking System and related processes (G1908/G2115)	Computronix (Canada) Limited	2,466,583	3,063,848	597,265
2. Workplace Modernization Project at Regional Headquarters Phase 1B, in the Town of Whitby (G1901)	Canadian Turner Construction Company, Ltd.	7,200,005	7,650,407	450,402

5. Additional Expenditures Exceeding 20% or \$75,000 for Consulting Services Contracts Greater than \$100,000

5.1 Section 7.3 of the Region's Budget Management Policy requires that where the approved contract value exceeds \$100,000 the Department Head is authorized to approve additional expenditures up to 20% of the approved contract value, to a maximum increase of \$75,000. Expenditures above these limits will be approved by the Department Head and the Treasurer and be included in a semi-annual information report submitted by the Treasurer.

5.2 Instances where additional expenditures exceeding the 20% or \$75,000 threshold for consulting services contracts greater than \$100,000 were incurred for the period are described below:

Project	Vendor	Most Recent Council Reported Contract Value \$	Revised Upset Limit \$	Total Increase \$*
1. Regional Water Supervisory Control and Data Acquisition System Upgrade and Integration (D0527/ D0530/ D0531/ D2124)	Eramosa Engineering Inc.	7,160,675	8,533,424	1,372,749
2. Phase 3 of the Courtice Trunk Sanitary Sewer from the Courtice Water Pollution Control Plant to the Intersection of Bloor St. (Reg. Rd. 22) and Trulls Rd., in the Municipality of Clarington (D1303)	WSP Canada Group Limited	1,102,392	1,941,552	839,160
3. Renovations & Reconfiguration to Accommodate Regional Staff at 101 Consumers Dr., in the Town of Whitby (G1801)	Barry Bryan Associates	364,800	1,057,150	692,350

Project	Vendor	Most Recent Council Reported Contract Value \$	Revised Upset Limit \$	Total Increase \$*
4. Engineering Services for the Detailed Design of the Central Duffin Collector Trunk Sanitary Sewer from Concession Rd. 4 and Taunton Rd. (Reg. Rd. 4) to Brock Rd. (Reg. Rd. 1) and south of the Employment Lands, in the City of Pickering (D1707/D1708)	R.V. Anderson Associates Ltd.	672,661	1,292,142	619,481
5. Road Widening Design for Lake Ridge Rd. (Reg. Rd. 23) from 230m north of Dundas St. W. (Hwy. 2) to Hwy 401 south Ramp Terminal, in the Town of Ajax (R0207)	R.V. Anderson Associates Ltd.	2,311,916	2,905,748	593,832
6. Phase 1 of the Durham Growth Management Study	Urban Strategies Inc.	581,286	1,002,525	421,239
7. Engineering Services and Detailed Design for the Feedermain Construction along Liberty St. N. (Reg. Rd. 14) and Concession Rd. 3, in the Municipality of Clarington (C1202/C0502)	Robinson Consultants inc.	529,636	892,744	363,108

Project	Vendor	Most Recent Council Reported Contract Value \$	Revised Upset Limit \$	Total Increase \$*
8. Widening Bowmanville Ave. (Reg. Rd. 57) from 2 to 4 lanes from Baseline Rd. W. to south of Reg. Hwy. 2, including a Canadian Pacific Railway Structure and Reconstruction of a Pedestrian Tunnel north of Waverley Rd. Intersection, in the Municipality of Clarington (R1721)	R.V. Anderson Associates Ltd.	898,738	1,193,353	294,615
9. Road Rehabilitation of Victoria St. E. (Reg. Rd. 22) and Bloor St. W. (Reg. Rd. 22) from east of Thickson Rd. S. (Reg. Rd. 26) to west of Stevenson Rd. S. (Reg. Rd. 53), in the Town of Whitby and the City of Oshawa (R0803) and Zone 1 Feedermain from the Whitby Water Supply Plant to Thornton Rd. S. (Reg. Rd. 52), in the Town of Whitby (W1001)	Stantec Consulting Ltd.	1,138,424	1,331,633	193,209
10. Upgrade to the Blackstock Drinking Water System (BDWS), located southwest of Hwy 7A and Reg. Rd. 57, in the Township of Scugog (D1838)	Black & Veatch Canada Company	875,731	1,029,407	153,676
11. Orono Water Supply System - Standpipe Water Storage Tank Recoating, in the Municipality of Clarington (D1704)	R.V. Anderson Associates Ltd.	770,745	914,988	144,243

Project	Vendor	Most Recent Council Reported Contract Value \$	Revised Upset Limit \$	Total Increase \$*
12. Replace the Trunk Sanitary Sewer from Harwood Ave. S. (Reg. Rd. 44) and Edward St., through Lord Elgin Park to the Intersection of Chadwick Dr. and Adams Dr., in the Town of Ajax (A1706)	CIMA Canada Inc.	265,368	407,183	141,815
13. Cochrane St. (Reg. Rd. 43) over the Canadian Pacific Railway Bridge Replacement, in the Town of Whitby (R1420)	R.V. Anderson Associates Ltd.	405,744	530,140	124,396
14. Replacement of the Watermain and Sanitary Sewer on Centre St. (Reg. Rd. 2A) from Athol St. W. to Brock St. W., and Simcoe St. N. (Reg. Rd. 2) from Brock St. E. to Adelaide Ave. (Reg. Rd. 58), in the City of Oshawa (O1503)	R.J. Burnside & Associates	865,970	975,927	109,957
15. Consulting Services for Integrated Waste Management – Pre-Sort and Anaerobic Digester project (G1509)	GHD Limited	1,192,134	1,288,005	95,871
16. Engineering Services for the Rehabilitation of the Duffin Creek Water Pollution Control Plant – Stage 3 Liquids and Miscellaneous Remedial Work, in the City of Pickering (Y2001)	CH2M Hill Canada Limited, a Jacobs Company	3,693,144	3,788,524	95,380

Project	Vendor	Most Recent Council Reported Contract Value \$	Revised Upset Limit \$	Total Increase \$*
17. Well Head Protection at Regional Well Sites (M0101)	S.S. Papadopoulos & Associates Inc.	370,550	465,415	94,865
18. Quality Assurance Consulting Services for Various Capital Project Locations	Golder Associates Ltd.	136,811	222,611	85,800
19. Environmental Assessment for Zone 4 Water Storage in North Whitby and North Oshawa (D1505/D1507/D1608/D1609)	CIMA Canada Inc.	376,810	459,402	82,592
20. Widening of Rossland Rd. E. (Reg. Rd. 28) from Ritson Rd. N. (Reg Rd. 16) to Harmony Rd. N. (Reg. Rd. 33), in the City of Oshawa (R1811)	CIMA Canada Inc.	1,142,024	1,223,156	81,132
21. Newcastle Water Pollution Control Plant - Capacity Re-rating from 4 MLD to 7 MLD to include Sludge Storage, in the Municipality of Clarington (D1117)	R.V. Anderson Associates Ltd.	3,060,514	3,141,399	80,885
22. Engineering Services for the Bayly St. Sanitary Sewer Pumping Station Motor Control Centre (MCC) Replacement, in the Town of Ajax (D1714)	CH2M Hill Canada Limited, a Jacobs Company	58,030	138,770	80,740

Project	Vendor	Most Recent Council Reported Contract Value \$	Revised Upset Limit \$	Total Increase \$*
23. Replacement of the Standby Power and Upgrading the Uninterruptible Power Supply (UPS) at the Bowmanville Water Supply Plant, in the Municipality of Clarington (D1814)	R.V. Anderson Associates Ltd.	1,190,966	1,268,846	77,880
24. Widening of Bowmanville Ave. (Reg. Rd. 57) from south of Hwy. 2 to north of Stevens Rd., in the Municipality of Clarington (R1309)	CIMA Canada Inc.	110,495	187,376	76,881
25. Replacement and Improvements to the Central Duffin Collector siphon on Valley Farm Rd., 670m north of Finch Ave. (Reg. Rd. 37), in the City of Pickering (D1501)	WSP Canada Group Limited	59,700	130,393	70,693
26. Replacement of Sampling Lines and Preparation of Three Tender Packages at Various Water Supply Plants (D2019/ D2020/ D1930)	Black & Veatch Canada Company	68,886	134,497	65,611
27. Cochrane St. Sanitary Sewage Pumping Station Odour Control System Upgrades, in the Town of Whitby (D2024)	CH2M Hill Canada Limited, a Jacobs Company	78,600	125,465	46,865

Project	Vendor	Most Recent Council Reported Contract Value \$	Revised Upset Limit \$	Total Increase \$*
28. Material Recovery Facility (MRF) Fire Suppression System replacement, in the Town of Whitby (G2001)	Arencon Inc.	85,000	129,500	44,500
29. Settlement Monitoring for the South Blair St. Emergency Watermain project, in the Town of Whitby (W1315)	J.D. Barnes Limited	98,000	137,160	39,160

6. Emergency Expenditures Exceeding \$100,000

6.1 Section 10 of the Region's Purchasing By-law 16-2020 requires that where emergencies occur outside of normal business hours, the department head or their authorized delegate shall acquire goods or services required to address an emergency and where that purchase exceeds \$100,000, a report for information is to be submitted to council setting out the nature of the emergency and the necessity of the action taken.

6.2 Instances where emergency purchases occurred are described below:

Nature of Emergency	Vendor	Amount \$*
1. Additional system deficiencies in the sprinkler system at the Region's Material Recovery Facility, in the Town of Whitby. An emergency was declared to repair all deficiencies in the system including repairing the two remaining original systems and the standpipe and equipment/platform systems given the present condition and risk of failure.	Greater Toronto Fire Protection Ltd.	1,424,000

Nature of Emergency	Vendor	Amount \$*
2. Loss of temporary power at the data centre at Regional Headquarters severely damaged one of the Uninterruptible Power Supply (UPS) units. Based on the complexity of the project and the critical systems affected, a sole source contract is required for design and replacement of the UPS system.	Potencia Technologies	1,000,000
3. Emergency substation upgrade required at the Oshawa Water Supply Plant due to an electrical failure in Motor Control Centre (MCC) 7 resulted in one of the 1955 transformers failing and concerns with the second unit. Work will require completion of necessary pre-work studies, purchasing the transformer equipment, renting a transformer unit until the new units are installed, and finally installing the equipment.	B.J. Tworzyanski Limited and K.P.C. Power Electrical Ltd.	733,430
4. Emergency Bridge Deck strengthening and repair to increase load carry capacity to accommodate snow removal equipment and reduce traffic on Regional roads for the Smith Bridge on Sanford Rd. (Reg. Rd. 11) between Concession 2 and 3, in the Township of Uxbridge.	Elirpa Construction & Materials Limited	189,208

7. Request for Proposals (RFPs) \$100,000 or greater that were publicly posted on the Region's website

7.1 Section 9.4 of the Region's Purchasing By-law 16-2020 requires that where RFPs are used for the total purchase price of \$100,000 or greater that a summary report for information relating to the award of the proposals shall be prepared and submitted to council on a semi-annual basis.

7.2 Instances where the RFPs were issued and awarded are described below:

RFP Number and Description	Awarded Vendor	Number of Proposals Received	Contract Value \$
1. RFP-499-2021 – Managed Services and Delivery of Durham Region Transit Uniforms	Martin & Levesque Inc.	1	217,796
2. RFP-517-2021 – 6-year Contract for Demand Responsive Supplemental Operations for Durham Region Transit	947465 Ontario Ltd. (Voyago)	4	27,057,206
3. RFP-633-2021 – Engineering Consulting Services for Operations and Maintenance Monitoring Services for the Durham York Energy Centre	HDR Corporation	2	1,005,130
4. P-1006-2021 – Oshawa Landfill – Biocover Pilot (G2101)	Dillon Consulting Limited	3	343,935
5. RFP-1015-2021 – Architectural and Engineering Services for the Demolition of Existing Building and Construction of a New Office Building for Durham Region Transit at 710 Raleigh Avenue, in the City of Oshawa (IC070)	WZMH Architects	6	732,368
6. RFP-1064-2021 – Engineering Services for the Detailed Design of four Timber Bridge Replacements within the Region of Durham (R1409/ R1925/ R1926/ R2130)	D.M. Wills Associates Limited	8	377,900

RFP Number and Description	Awarded Vendor	Number of Proposals Received	Contract Value \$
7. RFP-1094-2021 – Engineering Consulting Services for the Provision of a Preliminary and Detailed Design for Liberty St. (Reg. Rd. 14) and Baseline Rd. to King St. E. (Hwy 2), in the Municipality of Clarington (R0503)	CIMA Canada Inc.	6	1,347,461
8. RFP-1112-2021 – Gibb St. and Olive Ave. (Reg. Rd. 59) Geotechnical Investigations, in the City of Oshawa (R0116/R0604)	PNJ Engineering Inc.	4	296,654
9. RFP-1172-2021 – Engineering Consulting Services for the Detailed Design of Kingston Rd. (Hwy 2) from 200m west of Steeple Hill to 50m west of Altona Rd. (Reg. Rd. 27), in the City of Pickering (IC010)	AECOM Canada Ltd.	6	1,116,601
10. RFP-423-2022 – 5-year Contract for the Provision of Linen and Laundry Supplies and Services for the Region of Durham’s Long-Term Care Homes	HLS Linen Services	5	5,148,000
11. RFP-1006-2022 – Council Chambers Audio Visual and Meeting Management System (G2111)	Global Unified Solution Services Inc.	4	575,483

RFP Number and Description	Awarded Vendor	Number of Proposals Received	Contract Value \$
12. RFP-1008-2022 – Engineering Consulting Services for the Detailed Design of Kingston Rd. (Hwy 2) from 200m west of Westney Rd. (Reg. Rd. 31) to 200m west of Harwood Ave. S. (Reg. Rd. 44), in the Town of Ajax (IC020)	CIMA Canada Inc.	4	785,977
13. RFP-1015-2022 – Consulting Services for the Design, Inspection and Contract Administration of the Relocation of the Materials Testing Lab to the Garrard Rd. Recycling Building, in the Town of Whitby (F2102)	Saccoccio Wepler Architects Inc.	4	274,400
14. RFP-1018-2022 – Ambient Air Monitoring and Reporting at the Durham York Energy Centre	RWDI Consultants	1	1,081,476
15. RFP-1025-2022 – Engineering Services for the Detailed Design of Beaver River Bridge Rehabilitation and Replacement, in the Township of Brock (R1628 / R1209)	WSP Canada Inc.	6	649,644
16. RFP-1026-2022 – Consulting Engineering Services to Undertake a Class Environmental Assessment to Plan for a Sanitary Sewer Pumping Station (SSPS) to service the Port Perry Employment Area, in the Township of Scugog (D2042)	Ainley & Associates Limited	2	464,468

RFP Number and Description	Awarded Vendor	Number of Proposals Received	Contract Value \$
17. RFP-1028-2022 – Engineering Services for 2022 and 2023 Bridge, Culvert and Retaining Wall Ontario Structure Inspection Manual (OSIM) Inspection Program (M2254)	GHD Limited	9	107,000
18. RFP-1034-2022 – Engineering Services for Preliminary and Detailed Design for the Replacement of the Water St. Sanitary Sewage Pumping Station, in the Township of Scugog (D1304)	R.V. Anderson Associates Limited	4	2,328,087
19. RFP-1048-2022 – Consulting Services for the Visioning Study and Preparation of the Initial Business Case for Simcoe St. (Reg. Rd. 2) Rapid Transit between Hwy 407 and Olive Ave. (Reg. Rd. 59), in the City of Oshawa (IC030)	IBI Group Professional Services (Canada) Inc.	3	288,175
20. RFP-1049-2022 – Engineering Consulting Services for Bus Rapid Transit Shelter and Platform Design (IC020)	AECOM Canada Ltd.	3	126,050
21. RFP-1074-2022 – Engineering Consulting Services for the Detailed Design of the Kingston Rd. (Hwy 2) Bus Rapid Transit (BRT) from approximately 200m east of Bainbridge Dr. to 230m east of Notion Rd., in the City of Pickering and Town of Ajax (IC010)	CIMA Canada Inc.	2	515,329

8. Reallocation of Operating Budget Provisions in Excess of \$250,000

- 8.1 Section 10.4 of the Region's Budget Management Policy requires that the Department Head and Treasurer shall be authorized to approve the reallocation of operating budget provisions in excess of \$250,000 and that the Treasurer shall report on all significant reallocations.
- 8.2 Instances where there was a reallocation of operating budget provisions in excess of \$250,000 are described below:

Description	Amount \$*
1. The Community Development Council of Durham is to provide support, from August to December, to individuals and families arriving in Durham via the Canada-Ukraine Authorization for Emergency Travel. The Ukrainian Refugee crisis has continued to evolve with a greater than anticipated number of refugees arriving. Funding was reallocated from operational savings from staffing vacancies in the Social Assistance division of the Social Services Department.	1,000,000

9. Use of Delegated Authority During a Recess of Council for the Period July to August 2022

- 9.1 Section 19.1 of the Region's Budget Management Policy requires that the Department Head, Treasurer and C.A.O. shall be authorized to approve project financing during a recess of Regional Council and that a report providing details of such awards and approvals shall be submitted for information.
- 9.2 Instances where delegated authority was used during a recess of Regional Council to approve project financing are described below:

Project	Approved Project Budget \$*	Revised Project Budget \$*	Total Increase \$*
<p>1. Contract D2022-29 for the Bowmanville Ave. (Reg. Rd. 57) Widening and Reconstruction from south of Hwy 2 to north of Stevens Rd., in the Municipality of Clarington (R1309). Roads related funding was allocated from excess funding in Roads projects closed in 2022, Water and Sewer funding was allocated from the City of Oshawa Road Program project (O2299) and the Thickson Rd. (Reg. Rd. 26) Sub-Trunk Sanitary Sewer from Glengown St. to Conlin Rd., in the Town of Whitby project (D2103).</p>	15,054,000	20,323,235	5,269,235
<p>2. Contract D2022-47 for the Lake Ridge Rd. (Reg. Rd. 23) Rehabilitation from Myrtle Rd. (Reg. Rd. 5) to 1.6km north of Chalk Lake Rd., in the City of Pickering, the Town of Whitby, the Township of Uxbridge and the Township of Scugog (R1618 and R1718). Funding was allocated from excess funding in Road Rehabilitation Capital projects closed in 2022.</p>	11,750,000	14,910,301	3,160,301
<p>3. Contract D2022-36 for the Twinning of the Liverpool Rd. (Reg. Rd. 29) Forcemain, in the City of Pickering (P0503). Funding was allocated from the Newcastle Water Pollution Control Plant Re-Rating, in the Municipality of Clarington project (D1117).</p>	16,508,000	18,128,000	1,620,000

Project	Approved Project Budget \$*	Revised Project Budget \$*	Total Increase \$*
<p>4. Contract D2022-38 for the Carruthers Creek Sanitary Sewage Pumping Station Chemical Upgrades, in the Town of Ajax (D1116/D1735). Funding was allocated from the Expansion of the Conlin Rd. Sanitary Sewer Pumping Station and Twinning of the Forcemain, in the City of Oshawa project (D1825) and the Works to Rectify Identified System Deficiencies Independent of Road Programs in Various Locations project (M2299).</p>	3,145,000	4,625,000	1,480,000
<p>5. Contract D2022-42 for the Road Rehabilitation and Resurfacing at various locations throughout the Region of Durham project (R2215). Funding was allocated from the Road Rehabilitation at Enfield Rd. (Reg. Rd. 34) and Taunton Rd. (Reg. Rd. 4), in the Municipality of Clarington project (R2203), the Road Rehabilitation at Reach St. (Reg. Rd. 8), in the Township of Scugog project (R2212), the Road Rehabilitation on Lake Ridge Rd. (Reg. Rd. 23) from north of Ravenshoe Rd. (Reg. Rd. 32) to south of Concession Rd. 10, in the Township of Brock project (R2213) and the Accessible Pedestrian Signals project (T2246).</p>	3,465,000	4,785,000	1,320,000
<p>6. Contract D2022-19 for the Watermain Replacement on Thorah Concession Rd. 5 from Cedar Beach Rd. to 850m east of Cedar Beach Rd., in the Township of Brock project (D1836). Funding was allocated from the Municipality of Clarington Road Program project (C2299).</p>	3,750,000	4,082,157	332,157

9.3 Section 19.2 of the Region's Budget Management Policy provides that the Department Head, Treasurer and C.A.O. shall be authorized to approve the acquisition of unbudgeted capital over \$50,000 during a recess of Regional Council and that a report providing details of such awards and approvals shall be submitted for information.

9.4 Instances where delegated authority was used during a recess of Regional Council to approve acquisitions of unbudgeted capital are described below:

Project	Amount \$*
1. Unbudgeted capital expenditure to complete office renovations for the Social Services Department at 140 Commercial Ave., in the Town of Ajax. Renovations include Workstation Replacement, New Carpet and Paint and Washroom Renovations. Funding was allocated from Operational Savings in the Social Assistance Department.	386,000
2. Unbudgeted capital expenditure for the Corbett Creek Water Pollution Control Plant - Building J Roof Replacement, in the Town of Whitby project (D2231). Funding was allocated from the Works to Rectify Identified System Deficiencies Independent of Road Program in Various Locations project (M2299).	125,000
3. Unbudgeted capital expenditure to replace the passenger elevator at 1500 Hopkins St., in the Town of Whitby. Funding was allocated from the Workplace Modernization Project (G1901).	100,000
4. Unbudgeted capital expenditure to upgrade two of the POA Court Services court rooms for virtual sessions (2022_LEGAL_POA). Funding was allocated from Budget Operational Savings in the Legal Services Department.	90,000

9.5 Section 19.3 of the Region's Budget Management Policy states that, to facilitate the awarding and approval of sole source negotiations over \$100,000 during a recess of Regional Council, the Treasurer shall be authorized to act on behalf of Regional Council, subject to the agreement of the applicable Department Head and C.A.O. and the availability of sufficient funding. The Treasurer shall be authorized to execute any resultant Agreements for the goods and services required.

9.6 Instances where delegated authority was used during a recess of Regional Council

to facilitate the awarding and approval of sole source negotiations over \$100,000 are described below:

Description	Estimated Cost \$*
<p>1. Contract administration services with CIMA Canada Inc. (CIMA+) for the Carruthers Creek Sanitary Sewage Pumping Station (SSPS), in the Town of Ajax. CIMA+ recently completed the detailed design and tender for the Carruthers Creek SSPS chemical upgrades and are familiar with the project requirements which allows for consistency throughout the project.</p>	700,000
<p>2. The disposal of Incinerated Ash generated from the Duffin Creek Water Pollution Control Plant (WPCP), in the City of Pickering to St. Mary's Cement in Bowmanville, in the Municipality of Clarington, has occurred for the past 25 years under various agreements. Due to the proximity of the St. Mary's Cement plant to the Duffin Creek WPCP, it is economically and environmentally advantageous, reducing disposal costs for ash that would otherwise be diverted to landfill. St. Mary's Cement is also the only known company that would receive the Incinerated Ash within close proximity.</p>	650,000
<p>3. Procurement of equipment and a 5-year service contract with Agilent Technologies Inc. for purge and trap gas chromatograph mass spectrometer. This equipment is compatible with existing systems including the Laboratory Information Management System (LIMS), meeting criteria for current licensing with the Ministry of the Environment, Conservation and Parks (MECP) and Accreditation by the Canadian Association for Laboratory Accreditation (CALA).</p>	313,080
<p>4. Support the installation of Next Generation 9-1-1 (NG 9-1-1) systems with Komutel Communication Solutions to improve location accuracy, the acceptance and processing of texts, pictures and videos, and crash analytics. 9-1-1 Emergency Service System will coordinate with public-safety answering point (PSAP) partners in the Region to ensure full functionality of NG 9-1-1 regardless of the caller's emergency type.</p>	303,384

Description	Estimated Cost \$*
5. Emergency safety devices for front-line paramedics for triggering help when needed 24/7. Blackline Safety provides devices with the specific features of a call centre, 24/7 monitoring, and satellite backup in case of cell phone outage.	173,689
6. Completion of Stage 2 of the Region's Growth Management Study with Watson and Associates.	157,300
7. One-year sole source extension of the VERTO Appointment Booking subscription, with two additional one-year extensions, to manage Public Health appointment bookings, including COVID-19 vaccination appointments.	139,463

10. Relationship to Strategic Plan

10.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:

a. Service Excellence:

- Goal 5.1 – Optimize resources and partnerships to deliver exceptional quality services and value
- Goal 5.3 – Demonstrate commitment to continuous quality improvement and communicating results

11. Conclusion

11.1 In accordance with the Regional Budget Management Policy and Purchasing By-law 16-2020, Regional Council is to be informed on a semi-annual basis when the threshold amounts for various expenditure limits have been exceeded, where funding is required based on a reallocation of the capital program, as well as where RFPs are used for the total purchase price of \$100,000 or greater.

11.2 Regional Council is also to be advised of delegated authority exercised during a recess of Council as required by Section 19 of the Budget Management Policy.

11.3 This report has been reviewed by the Works Department.

Respectfully submitted,

Original Signed By

Nancy Taylor, BBA, CPA, CA
Commissioner of Finance

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2564



The Regional Municipality of Durham Information Report

From: Commissioner of Planning and Economic Development
Report: #2022-INFO-77
Date: September 16, 2022

Subject:

2021 Census of Population – Age, Gender, and Dwelling Type (Release 2), File: D01-03

Recommendation:

Receive for information

Report:

1. Purpose

1.1 This report presents an overview of Statistics Canada's second release of the 2021 Census of Population data, highlighting changes in Durham Region's characteristics of age, sex at birth and gender, and type of dwellings. Attachment 1 summarizes key statistics in Durham Region, the Greater Toronto and Hamilton Area (GTHA), Ontario, and Canada.

2. Background

- 2.1 On April 27, 2022, Statistics Canada released the second dataset in a series of 2021 Census of Population statistics for municipalities across Canada. This release focused on age, sex at birth and gender, and type of dwelling. The Census is conducted in Canada every five years.
- 2.2 The population for Durham reported in the first release of the Census data was 696,992 (the effective date being May 11, 2021), an increase of 7.92% since 2016.

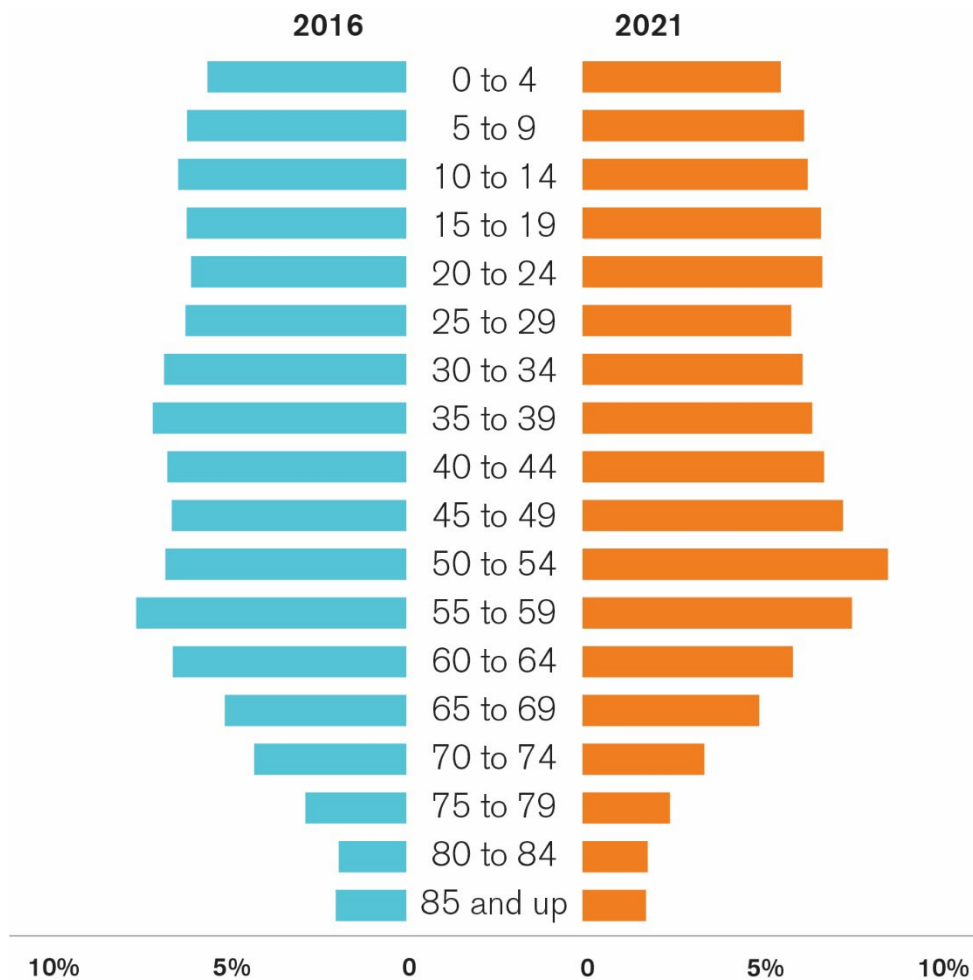
3. Previous Reports and Decisions

- 3.1 [2022-INFO-31](#) – 2021 Census of Population – Population and Dwelling Counts (Release 1)

4. Age

- 4.1 Children under the age of 15 comprised 18% of Durham's population in 2021, compared to 16.3% across Canada and 15.8% in Ontario. In the GTHA, Halton (18.6%) had a larger proportion of children under the age of 15 than Durham, while Peel (16.6%), York (16.3%), Hamilton (16%) and Toronto (13.8%) had a lower proportion of children than Durham. Among Durham's area municipalities, Clarington had the highest percentage of children (19.3%), followed by Whitby (19.1%), Ajax (18.8%), and Oshawa (17.6%), while Scugog had the lowest share (14%). Figure 1 shows changes in the Regions population by age between 2016 and 2021.
- 4.2 The proportion of Durham residents aged 15 to 29 was 18.3% in 2021, which was slightly lower than Ontario (18.8%) and higher compared to Canada (17.9%). In the GTHA, Peel (21.8%), Toronto (20.2%), Hamilton (19.1%), and York (18.5%) had a larger percentage share of youth than Durham. The percentage of young persons among Durham's area municipalities ranged from 19.5% in Ajax, to 14.7% in Brock.
- 4.3 Adults aged 30 to 64 accounted for 47.8% of Durham's population in 2021. This is higher than the national and provincial levels (both 46.8%) and is generally consistent with the GTHA average (48%). Within the GTHA, Toronto (49%) and York (48.2%) had a higher percentage. In Durham, Ajax had the highest percentage of adults aged 30 to 64 (48.6%), while Scugog had the lowest with 46.2%.
- 4.4 Durham had a lower proportion of residents aged 65 and older (15.9%) compared to Canada (19%) and Ontario (18.5%). In the GTHA, only Peel (14.7%) had a lower proportion of adults aged 65 and older than Durham. Hamilton had the highest percentage of older adults (18.3%). The proportion of adults aged 65 and older within Durham ranged from 24.1% in Scugog to 13.1% in Ajax.
- 4.5 The proportion of children aged 0-14 in Durham remained relatively the same compared to the GTHA, Ontario, and Canada, all of which experienced significant decreases in this age group. Notably, the only category to show an increase was the proportion of residents aged 65 years and older.

Figure 1 | Population pyramid for Durham Region in 2021, by age



5. Sex at Birth and Gender

- 5.1 In April 2018, Statistics Canada published new standards on sex and birth and gender to help clarify the concepts and classifications. The 2021 Census makes the distinction between the two concepts for the first time.
- 5.2 Sex at birth refers to the sex assigned at birth based on a person’s reproductive system and other physical characteristics. It may also be understood as the sex recorded at a person’s birth (for example, what was recorded in their birth certificate).

- 5.3 Gender refers to an individual's current personal and social identity as a man, woman, or non-binary person (a person who is not exclusively a man or a woman). It may be different from sex assigned at birth, and may differ from what is indicated on legal documents. Given that the non-binary population is small, Statistics Canada has aggregated the data within a two-category gender variable (male and female) to protect the confidentiality of responses.
- 5.4 In 2021, the population in Durham identified as 48.8% male (340,460) and 51.2% female (356,535). Durham's male and female population share was relatively consistent with the national (49.3% male and 50.7% female) and provincial (49% male and 51% female) shares.
- 5.5 Within the GTHA, the ratio of males to females ranged from 48.3% males and 51.7% females in Toronto to 49.5% males and 50.5% females in Peel. Notably, the majority of the population in the GTHA identified as female.
- 5.6 Consistent with the results at the national, provincial, and GTHA trends, the majority of the population in each of Durham's area municipalities was female, ranging from 50.5% in Scugog to 51.5% in Pickering.

6. Dwelling Type

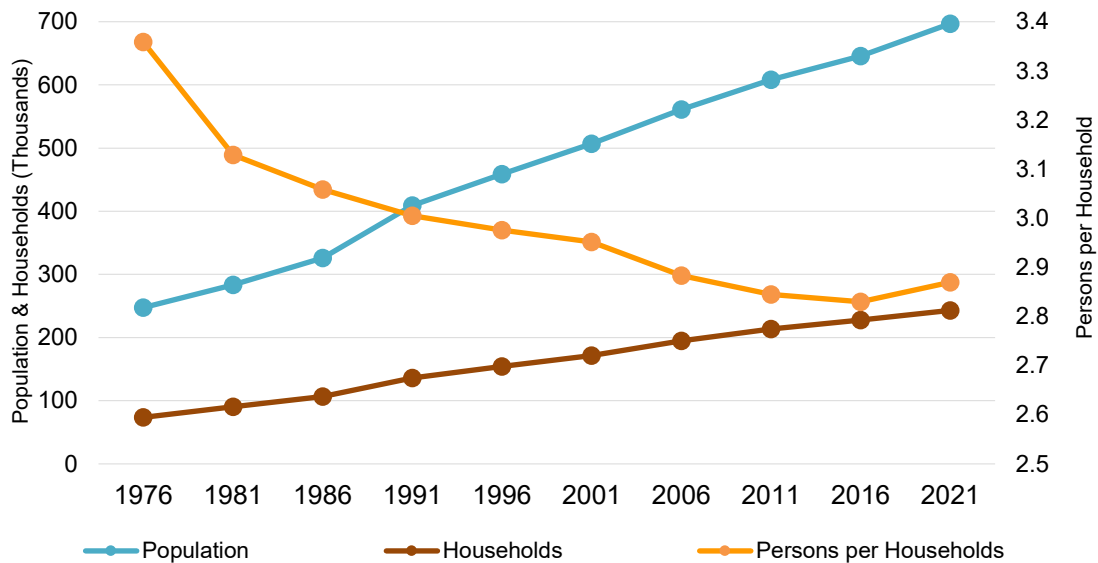
- 6.1 The majority of households¹ in Durham lived in low-density² forms of housing in 2021. In Durham, a total of 160,785 households lived in single-detached houses (66.2%) and 12,915 lived in semi-detached homes (5.3%). Medium-density row homes³ accounted for 27,300 dwellings (11.2%), while 41,675 households were in apartments⁴ (17.1%). The household shares were similar to 2016 when 67% lived in single-detached homes, 5.5% in semi-detached, 10.7% in row homes and 16.8% in apartments. The general trend indicates a slight shift away from low-density housing (single- and semi-detached) towards medium and higher-density forms (row houses and apartments). Oshawa has the highest cumulative share of medium and high density housing (36.3%) followed by Pickering (32.8%), while Scugog has the lowest (8.6%).

¹ A household refers to a person or group of persons who occupy the same dwelling and do not have a usual place of residence elsewhere in Canada or abroad. The dwelling in which the household lives may be either a collective dwelling or a private dwelling.

² Low-density forms of housing refer to single- or semi-detached homes.

³ Row homes refer to three or more dwellings joined side by side (or occasionally side to back), such as a townhouse or garden home, but not having any other dwellings either above or below. (Type of Dwelling Reference Guide, Census of Population, 2021)

⁴ Includes apartments in a flat or duplex where dwellings are located above or below the other, and in multistorey buildings.



7. Growth Trends

- 7.1 The 2021 Census data suggests that the average number of persons per household in Durham increased for the first time since 1976 from 2.83 persons in 2016 to 2.87 persons in 2021. This is a shift away from the national trend of persons per household declining over time, as illustrated in Figure 2. The average household size in Durham was higher than in the GTHA (2.72), Ontario (2.59), and Canada (2.47).
- 7.2 Further analysis into Durham's demographic and age characteristics suggests a correlation between the increase in persons per household, and number of children aged 0-14. Possible contributing factors could include an increased birth rate, immigration, and/or a significant number of young families moving into Durham, possibly from neighbouring urban regions such as Toronto, York, and Peel, which experienced decreased growth rates, as identified in Report [2022-INFO-31 – Population and Dwelling Counts \(Release 1\)](#). Several factors could contribute to this shift, including a lack of vacant and/or developable land in surrounding areas of the GTHA or shifts in the housing market that deem Durham to be comparatively affordable than other GTHA municipalities. Durham's proximity to Toronto and growth in medium and higher density housing make it relatively more attractive for young families.

7.3 The COVID-19 pandemic has had significant impacts on population and demographic growth trends across the globe. The pandemic has also influenced growth patterns in the GTHA. While local factors could have an impact on growth rates, it is possible that the pandemic also played a key role. Future data releases of the 2021 Census and beyond will provide further insight into these shifts, the longevity of their impacts, and whether they represent long-term trends.

8. Relationship to Strategic Plan

8.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:

- a. Goal 5.3 – Demonstrate commitment to continuous quality improvement and communicating results

9. Conclusion

9.1 The Census is an essential source of data on the demographic characteristics over time. The Planning and Economic Development Department will report on the following data in the coming months:

- Families, households, and marital status; and income (released July 13); and
- Language (released August 17).

9.2 Statistics Canada has noted the following release schedule for additional data this year:

- September 21 – Indigenous peoples and Housing;
- October 26 – Immigration, place of birth, and citizenship; ethnocultural and religious diversity; and mobility and migration;
- November 30 – Education, labour, language of work, commuting, and instruction in the minority official language.

9.3 Following the completion of the seven major releases, there will be further releases (dates to be determined) that will highlight additional themes and key findings in the data, data tables, updates to data products, and further analyses.

- 9.4 The 2021 Census information will be used as input to various Regional projects, including the update to the Regional Official Plan through the Municipal Comprehensive Review (Envision Durham), infrastructure master planning, annual infrastructure capital budgets and forecasts, the annual Business Plan and Budgeting process, Development Charges Studies, and the Durham Region Profile.
- 9.5 A copy of this report will be forwarded to the area municipalities and be made available on the Region's website.

10. Attachments

Attachment #1: Statistics Canada 2021 Census of Population, Second Release
(Age, Gender, and Dwelling Type)

Respectfully submitted,

Original signed by

Brian Bridgeman, MCIP, RPP
Commissioner of Planning and
Economic Development

Attachment 1

Statistics Canada 2021 Census of Population, Second Release (Age, Gender, and Dwelling Type)

Table 1
Age Groups by Municipality in Durham

Age Group	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
0 to 14	23,805	2,130	19,620	30,805	16,405	3,050	3,270	26,425
	18.8%	16.9%	19.3%	17.6%	16.5%	14.1%	15.2%	19.1%
15 to 29	24,725	1,855	17,345	32,945	18,620	3,395	3,630	24,940
	19.5%	14.8%	17.1%	18.8%	18.8%	15.6%	16.8%	18.0%
30 to 64	61,555	5,810	48,795	82,305	47,730	10,030	10,050	66,685
	48.6%	46.2%	48.1%	46.9%	48.1%	46.2%	46.6%	48.1%
65 & older	16,585	2,770	15,670	29,325	16,435	5,240	4,615	20,440
	13.1%	22.0%	15.4%	16.7%	16.6%	24.1%	21.4%	14.8%

Table 2
Age Groups in the GTHA

Age Group	Durham	Halton	Peel	Toronto	York	Hamilton
0 to 14 years	125,505	111,035	240,135	384,295	191,215	91,240
	18.0%	18.6%	16.5%	13.8%	16.3%	16.0%
15 to 29	127,440	105,280	317,015	564,415	217,570	108,725
	18.3%	17.6%	21.8%	20.2%	18.5%	19.1%
30 to 64	332,980	284,840	681,250	1,368,665	565,365	265,090
	47.8%	47.7%	46.9%	49.0%	48.2%	46.6%
65 & older	111,080	95,485	212,630	476,985	199,185	104,290
	15.9%	16.0%	14.7%	17.1%	17.0%	18.3%

Table 3
Dwelling Type by Municipality in Durham

Dwelling Type	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Single-detached	25,560	4,145	27,945	37,000	19,915	7,405	6,520	32,295
	64.7%	86.6%	77.7%	55.5%	59.6%	89.3%	81.4%	69.5%
Semi-detached	2,265	75	1,075	5,330	2,510	155	125	1,385
	5.7%	1.6%	3.0%	8.0%	7.5%	1.9%	1.6%	3.0%
Row house	6,020	115	3,125	6,445	4,980	85	390	6,135
	15.2%	2.4%	8.7%	9.7%	14.9%	1.0%	4.9%	13.2%
Apartment	5,630	435	3,725	17,715	5,990	630	955	6,605
	14.3%	9.1%	10.4%	26.6%	17.9%	7.6%	11.9%	14.2%

Table 4
Dwelling Type in the GTHA

Dwelling Type	Durham	Halton	Peel	Toronto	York	Hamilton
Single-detached	160,785	118,585	205,800	270,490	242,140	125,130
	66.2%	56.8%	45.7%	23.3%	61.9%	56.2%
Semi-detached	12,915	11,060	53,255	71,955	23,185	6,770
	5.3%	5.3%	11.8%	6.2%	5.9%	3.0%
Row house	27,300	37,335	59,330	62,915	49,475	27,455
	11.2%	17.9%	13.2%	5.4%	12.7%	12.3%
Apartment	41,675	41,390	131,930	752,680	75,735	62,890
	17.1%	19.8%	29.3%	64.8%	19.4%	28.2%

From: [Clerks](#)
To: [Lydia Gerritsen](#)
Subject: FW: Change to Healthcare Connect System - Canadian Forces Member
Date: September 9, 2022 8:49:28 AM

For CIP.

From: Candice Doiron <CDoiron@brighton.ca>


Sent: September 8, 2022 1:11 PM

To: abala@lasalle.ca; admin@dnetowship.ca; admin@eganville.com; admin@frontofyonge.com; admin@greatermadawaska.com; admin@hiltontownship.ca; admin@jocelyn.ca; admin@larderlake.ca; admin@midland.ca; admin@mindenhills.ca; admin@nipissingtownship.com; admin@northmiddlesex.on.ca; admin@papineaucameron.ca; admin@porthope.ca; admin@puslinch.ca; admin@townofkearney.ca; administration@calvintownship.ca; administration@greenstone.ca; administration@lambtonshores.ca; adminmachar@vianet.ca; adminoffice@gordonbarrieisland.ca; agendaitems@city.kawarthalakes.on.ca; amckenzie@bancroft.ca; annilene@town.minto.on.ca; arnprior@arnprior.ca; arochefort@alfred-plantagenet.com; asimonian@augusta.ca; assignackinfo@amtelecom.net; athens@myhighspeed.ca; bayham@bayham.on.ca; bbonisteel@asphodelnorwood.com; bknight@huroneast.com; bluewater@town.bluewater.on.ca; borchard@lennox-addington.on.ca; brant@brant.ca; brentstdenis@gmail.com; brethour@parolink.net; brock@townshipofbrock.ca; brucemines@bellnet.ca; burpeemills@vianet.ca; c.parent@northkawartha.ca; cao.clerk@bonfieldtownship.org; cao@chapple.on.ca; cao@duttondunwich.on.ca; CAO@hortontownship.ca; cao@rmofarmstrong.com; Candice Doiron <CDoiron@brighton.ca>; centralm@amtelecom.net; chenier.hpayne@bellnet.ca; city.clerk@mississauga.ca; cityhall@cornwall.ca; cityinfo@barrie.ca; cityptbo@peterborough.ca; CKclerk@chatham-kent.ca; clamb@northhuron.ca; clerk@acwtownship.ca; clerk@addingtonhighlands.ca; clerk@burksfalls.ca; clerk@carlowmayo.ca; clerk@cramahetownship.ca; clerk@dawneuphemia.on.ca; clerk@evanturel.com; clerk@hamilton.ca; clerk@headclaramaria.ca; clerk@madoc.ca; clerk@magnetawan.com; clerk@marathon.ca; clerk@middlesexcentre.on.ca; clerk@mulmur.ca; clerk@muskoka.on.ca; clerk@nalgonawil.com; clerk@newtecumseth.ca; clerk@niagararegion.ca; clerk@northstormont.ca; clerk@perth.ca; clerk@tkl.ca; clerk@toronto.ca; clerk@town.howick.on.ca; clerk@township.limerick.on.ca; clerk@township.mckellar.on.ca; clerkplanning@northfrontenac.ca; clerks@ajax.ca; clerks@brantford.ca; clerks@burlington.ca; ClerksExternalEmail <clerks@clarington.net>; Clerks <Clerks@durham.ca>; clerks@essex.ca; clerks@greatersudbury.ca; clerks@grimsby.ca; clerks@ingersoll.ca; clerks@kitchener.ca; clerks@notl.com; clerks@pelham.ca; Clerks Web Email <clerks@pickering.ca>; clerksoffice@carling.ca; clerksoffice@centrehastings.com; clerktreasurer@picklelake.org; clerktreasurer@visitmachin.com; cmortimer@muskokalakes.ca; cmoyle@twp.beckwith.on.ca; cobalt@ntl.sympatico.ca; coeinfo@countyofessex.on.ca; conmee@tbaytel.net; contactus@cityofkingston.ca; corporate@orillia.ca; cpage@cavanmonaghan.net; cpallo@city.belleville.on.ca; crystallabbe@larderlake.ca; cschofield@forterie.ca; customerservice@cityofnorthbay.ca; customerservice@oxfordcounty.ca; dack@ntl.sympatico.ca; dawsontwp@tbaytel.net; deputations@oro-medonte.ca; deputyclerk@arran-elderslie.ca; deputyclerk@merrickville-wolford.ca; deputyclerktreasurer@matachewan.ca; dina.lundy@erin.ca; dleitch@centralelgin.org; dmctavish@enniskillen.ca; dplumley@frontenacislands.ca;

dvanwyck@brucecounty.on.ca; eftownship@ear-falls.com; elklake@ntl.sympatico.ca;
email@huronshores.ca; email@petawawa.ca; englehrt@ntl.sympatico.ca; ezt@ezt.ca;
general@get.on.ca; general@kapuskasing.ca; general@northgrenville.on.ca;
generalinquiries@dryden.ca; generalmail@blandfordblenheim.ca; gillies@tbaytel.net;
gmaracle@deseronto.ca; graham.milne@halton.ca; harlytwp@parolink.net;
harris@ntl.sympatico.ca; havbelmet@hbmtwp.ca; huronadmin@huroncounty.ca;
hvilleeneuve@easthawkesbury.ca; info@admastonbromley.com; info@algonquinhighlands.ca;
info@armourtownship.ca; info@atikokan.ca; info@aurora.ca; info@blrtownship.ca;
info@brockton.ca; info@brockville.com; info@brucecounty.on.ca; info@caledon.ca;
info@callander.ca; info@carletonplace.ca; info@casselmann.ca; info@centralhuron.com;
info@chamberlaintownship.com; info@champlain.ca; info@chisholm.ca; info@city.elliottlake.on.ca;
info@countyofrenfrew.on.ca; info@dourodummer.on.ca; info@dufferincounty.ca;
info@frontenaccountry.ca; info@gbtownship.ca; info@georgina.ca; info@gravenhurst.ca;
info@greaternapanee.com; info@guelph.ca; info@haldimandcounty.on.ca;
info@hamiltontownship.ca; info@hastingshighlands.ca; info@highlandseast.ca;
info@hiltonbeach.com; info@huronkinloss.com; info@ignace.ca; info@khrtownship.ca;
info@lanarkcounty.ca; info@laurentianhills.ca; info@leamington.ca; info@lincoln.ca;
info@loyalist.ca; info@lvtownship.ca; info@madawaskavalley.ca; info@markstay-warren.ca;
info@mattawa.ca; info@mcnabbraeside.com; info@meaford.ca; info@melancthontownship.ca;
info@moosonee.ca; info@newmarket.ca; info@niagarafalls.ca; info@nipigon.net;
info@northdundas.com; info@northernbruce.ca; info@northglengarry.ca; info@oilsprings.ca;
info@orangeville.ca; info@osmtownship.ca; info@ottawa.ca; info@pecounty.on.ca; info@pelee.ca;
info@perthcounty.ca; info@plummertownship.ca; info@plympton-wyoming.ca; info@prescott.ca;
info@ptbocounty.ca; info@townofnemi.on.ca; info@township.montague.on.ca;
info@townshipofperry.ca; info@villageofpointedward.com; information@gananoque.ca;
inquiries@norfolkcounty.ca; inquiry@amherstburg.ca; inquiry@innisfil.ca; jallen@latchford.ca;
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lavalley@nwonet.net; lise_chhk@parolink.net; lmccabe@goderich.ca; lmcDonald@bracebridge.ca;
lorraine@twp.prince.on.ca; lscott@perthsouth.ca; lwest@mcdougall.ca; MacDonald, Nancy
<macdonaldn@northumberland.ca>; mail@elizabethtown-kitley.on.ca; mail@townofgrandvalley.ca;
mail@twpec.ca; malahide@malahide.ca; mattawan@xplornet.ca; mattice@ntl.sympatico.ca;
mavis@doriontownship.ca; mbarnier@adelaidemetcalfe.on.ca; mbouffard@frenchriver.ca;
mcmurric@gmail.com; meagan.elliott@tkl.ca; mlongtin@hawkesbury.ca;
MMarkham@lakeofbays.on.ca; mmcDonald@elgin-county.on.ca; mono@townofmono.com;
moonbeam@moonbeam.ca; mouellet@clarence-rockland.com; mrutter@county.haliburton.on.ca;
municipality@eastferris.ca; municipality@redlake.ca; nairncentre@personainternet.com;
neebing@neebing.org; nirving@town.aylmer.on.ca; nvachon@fauquierstrickland.com;
office@faraday.ca; office@newbury.ca; office@powassan.net; office@townshipofjoly.com;
owen@manitouwadge.ca; pam.walsh@blindriver.ca; patrick.trafford@caledon.ca;
pberfelz@northperth.ca; pembroke@pembroke.ca; Peter.fay@brampton.ca; petrolia@petrolia.ca;

pfettes@clearview.ca; pinej@hastingscounty.com; premier@ontario.ca;
 psinnamon@chatsworth.ca; public.info@mississauga.ca; questions@cambridge.ca;
 rainyriver@tbaytel.net; ramara@ramara.ca; reception@blackriver-matheson.com;
 reception@mapleton.ca; reception@uclg.on.ca; regional.clerk@peelregion.ca;
 rjohnson@townofparrysound.com; rmurphy@townofbwg.com; rreid@adjtos.ca;
 rwilliams@twpec.ca; samcameron@shawbiz.ca; scarr@gorebay.ca; scooper@penetanguishene.ca;
 service@kenora.ca; service@oshawa.ca; skitchen@kingsville.ca; sparisien@prescott-russell.on.ca;
 t.bennett@marmoraandlake.ca; tanya.calleja@huntsville.ca; thallam@morristurnberry.ca;
 toc@ontera.net; town@eastgwillimbury.ca; town@espanola.ca; town@fort-frances.com;
 town@mississippimills.ca; townclerk@milton.ca; townclerk@oakville.ca; townhall@collingwood.ca;
 townhall@goderich.ca; townmail@deeperiver.ca; townofhearst@hearst.ca;
 township@centralfrontenac.com; township@dubreuilville.ca; township@emo.ca;
 township@pertheast.ca; townshipofgauthier@hotmail.com; townshipofmorley@gmail.com;
 treasure@ntl.sympatico.ca; twilbee@dysartetal.ca; twphill@parolink.net; twpmacd@onlink.net;
 twpoconn@tbaytel.net; twpopas@person.ca; vanessa@townshipleeon.ca; webmaster@lakeshore.ca
 Wayne.Hanchard@oliverpaipoonge.on.ca; webadmin@portcolborne.ca; david.piccini@pcola.org

Cc: premier@ontario.ca; info@ontariohealth.ca; Sylvia.Jones@pc.ola.org; david.piccini@pcola.org
Subject: Change to Healthcare Connect System - Canadian Forces Member

 Corporate Services Department Legislative Services Division	
Case #:	September 12, 2022
Time Received:	3:03 PM
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	

Good afternoon;

Please find below a resolution that was passed September 6, 2022 by Council of the Municipality of Brighton looking for support regarding changes to be made to the Healthcare Connect System for Members of the Canadian Armed Forces.

Resolution No. COU-2022-329
 Moved by Councillor Mark Bateman
 Seconded by Mayor Brian Ostrander

Whereas Brighton is a community with a significant military population;
 And whereas military personnel are from time to time released from their duties for medical reasons;
 And whereas military personnel are attached to healthcare through the Canadian Armed Forces which ceases after the date of military release;
 And whereas released military personnel are unable to register with Healthcare Connect until after their release date, providing a healthcare gap;
 And whereas the notice for release dates are well in advance of the actual date of release from the Canadian Armed Forces;
 Now therefore be it resolved that the Municipality of Brighton endorse that the Ontario Government change the access rules to Healthcare Connect to permit the registration of military personnel into the Healthcare Connect system once those Canadian Forces Members are provided with a release date;
 And further that this motion is circulated to the Premier of Ontario, the Minister of Health, MPP David Piccini, and all municipalities across Ontario and the Association of the Municipalities of Ontario (AMO) for endorsement.
 Carried

Kind Regards,

Candice Doiron
Municipal Clerk

Municipality of Brighton
35 Alice Street
PO Box 189
Brighton, ON K0K 1H0
cdoiron@brighton.ca

Tel: 613-475-0670
Fax: 613-475-3453

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Nina Bifulchi, Mayor
Town of Wasaga Beach
30 Lewis Street
Wasaga Beach, ON
L9Z 1A1
mayor@wasagabeach.com

September 9th 2022

Re: Strong Mayors Building Homes Act

Dear Mayor Bifulchi,

Please be advised that at the Regular Council Meeting on August 31st 2022, the Town of Plympton-Wyoming Council passed the following motion, supporting the resolution from the Council of the Town of Wasaga Beach regarding *Strong Mayors, Building Homes Act*.

Motion 11

Moved by Councillor Netty McEwen

Seconded by Councillor Tim Wilkins

That Council directs staff to send a letter in support of item 'H', Resolution- Town of Wasaga Beach re Strong Mayors, Building Homes Act

Motion Carried.

If you have any questions regarding the above motion, please do not hesitate to contact me by phone or email at dgiles@plympton-wyoming.ca.

Sincerely,

Denny Giles
Deputy Clerk
Town of Plympton-Wyoming

cc: All Ontario Municipalities

 Corporate Services Department Legislative Services Division	
Date & Time Received:	September 12, 2022 8:37 am
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	