



Town of Newmarket Council Information Package

Index of Attachments

Circulation Date: April 1, 2019

Note: If a Member of Council wishes to include any of the enclosed documents on a future Council or Committee of the Whole agenda, please email Legislative Services at clerks@newmarket.ca.

General Correspondence Items

- 1. Requests to Governments of Canada and Province of Ontario to Open the Application Process for the Bi-lateral “Investing in Canada Infrastructure Program”**
Township of Lake of Bays
March 21, 2019
- 2. Resolution regarding School Bus Stop Arm Program**
Town of East Gwillimbury
March 21, 2019
- 3. Bill 66, Restoring Ontario’s Competitiveness Act, 2018**
Township of Hornepayne
March 21, 2019
- 4. 2018 Drinking Water Systems Report**
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- 5. 2018 Employment and Industry Report**
York Region
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- 6. 2018 Integrated Management System Update Report for Water, Wastewater and Waste Management**
York Region
March 22, 2019

7. Community Improvement Project Area for Affordable Rental Housing Incentives

York Region
March 22, 2019

8. Economic Development – 2018 Year in Review

York Region
March 22, 2019

9. Proposed Employment Area Conversion Criteria

York Region
March 22, 2019

Proclamation, Lighting Requests and Community Flag Raising

Request Name	Type of Request	Proclamation Date	Lighting Date	Flag Raising Date
Day of Mourning for Workers Killed or Injured on the Job	Proclamation	April 28, 2019	n/a	n/a

March 21st, 2019

Via Regular Mail

Mike Myatt, Vice Deputy Mayor
The Town of Saugeen Shores
600 Tomlinson Drive
Port Elgin, ON N0H 2C0

Dear Mr. Myatt,

Re: Request to Governments of Canada and Province of Ontario to Open the Application Process for the Bi-lateral “Investing in Canada Infrastructure Program”

On behalf of the Council of the Corporation of the Township of Lake of Bays, please be advised that the above-noted Correspondence was presented at the last regularly scheduled meeting on March 19th, 2019 and the following resolution was passed:

“Resolution #6(a)/03/19/19

BE IT RESOLVED THAT the Council of the Corporation of the Township of Lake of Bays receives correspondence from The Corporation of the Town of Saugeen Shores re: Request to Governments of Canada and Province of Ontario to Open the Application Process for the Bi-lateral "Investing in Canada Infrastructure Program" that was signed on March 14th, 2017; AND FURTHER THAT Council supports Resolution No. 17-2019 passed February 11, 2019 by the Town of Saugeen Shores requesting the Government of Canada and Province of Ontario move forward with accepting applications for funding agreed to under the “Investing in Canada Infrastructure Program” to help address the Recreation and Culture Infrastructure deficit that currently exists across Canada;

...2

AND FURTHER directs staff to forward this resolution to all Ontario Municipalities, Provincial and Federal Government's, local MP's and MPP's, Parks and Recreation Ontario, and the Association of Municipalities of Ontario.

Carried"

Sincerely,



Carrie Sykes, *Dipl. M.A., CMO*
Director of Corporate Services/Clerk

Cc: all Ontario Municipalities
The Government of Ontario
The Government of Canada
Parry Sound–Muskoka MP, Tony Clement
MPP, Norm Miller
Parks and Recreation Ontario
The Association of Municipalities of Ontario

CS/tm

From: Rajadurai, Jibira
Sent: Thursday, March 21, 2019 3:29 PM
To: Grossi, Jaclyn; Saini, Kiran; Lyons, Lisa
Cc: Clerks
Subject: Town of East Gwillimbury Council Resolution March 19, 2019

Good afternoon,

For your information and records, at its regular meeting held on March 19, 2019 the Council of the Town of East Gwillimbury considered the request from the Town of Newmarket pertaining to a region-wide school bus stop arm program.

In response, the Town of East Gwillimbury Council enacted the following resolution:

BE IT RESOLVED THAT the correspondence from the Clerks' Office, Town of Newmarket, regarding Town of Newmarket Council Resolution of March 4, 2019, requesting a region-wide school bus stop arm program, be received; and

THAT Council direct staff to work with local and regional staff to assist in the development of a region-wide standard and report back to Council; and

THAT the resolution be circulated to all York Region municipalities.

Thank you,

Jibira Rajadurai
Legislative Coordinator, Legal and Council Support Services
Town of East Gwillimbury
19000 Leslie Street, Sharon, Ontario L0G 1V0

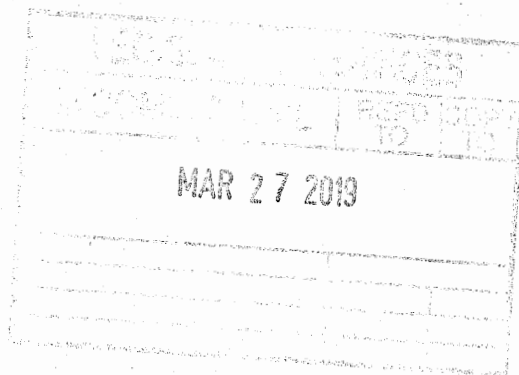
P.O. BOX 370
68 FRONT STREET
HORNEPAYNE, ONTARIO
P0M 1Z0



TELEPHONE 807-868-2020
FAX No. 1-807-868-2787

March 21st, 2019

Town of Newmarket
395 Mulock Drive
PO Box 328
Station Main
Newmarket, ON
L3Y 4X7



Attention: Kiran Saini

RE: Bill 66, Restoring Ontario's Competitiveness Act, 2018

Dear Kiran:

Thank you for your email dated March 14th, 2019, requesting support on behalf of Bill 66, Restoring Ontario's Competitiveness Act, 2018.

We recently received a letter from the Town of Georgina with this same request with regard to Bill 66. This issue was tabled at the regular Council Meeting on Wednesday, February 6th, 2019.

Council of the Corporation of the Township of Hornepayne is in full support and opposes planned changes to the Planning Act included in Bill 66 that may allow for an "Open-for-Business" planning By-Law.

Enclosed is a copy of Resolution No. 2019-65 illustrating Council's support with regards to Bill 66 Restoring Ontario's Competitiveness Act.

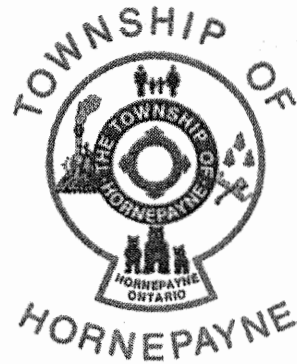
Yours truly,

A handwritten signature in black ink, appearing to be 'Shannon Milley', written over a horizontal line.

Shannon Milley
Deputy Clerk
Township of Hornepayne

Encl.

The Corporation of the Township of Hornepayne
 68 Front Street, PO Box 370
 Hornepayne, Ontario
 P0M 1Z0



COUNCIL RESOLUTION

MOVED BY: [Signature]
 signature

NO. 2019-65

SECONDED BY: [Signature]
 signature

DATE: FEB 06 2019

WHEREAS the protection of the integrity of the Green Belt is a paramount concern for our residents; and,

WHEREAS the continued legislative protection of our water - groundwater, surface water and waterways - is vitally important for the current and future environmental health of our community; and,

WHEREAS significant concerns have been raised by residents, community leaders and environmental organizations such as the Canadian Environmental Law Association (CELA), that provisions within Bill 66 will weaken environmental protections as it "... will enable municipalities to pass "open-for business" zoning By-Laws that do not have to comply with ..." important provincial environmental statutes; and,

WHEREAS an "Open for Business" By-Law may be approved without public consultation; and,

WHEREAS provisions within Bill 66 may allow exemptions from Municipal Official Plans;

NOW THEREFORE BE IT RESOLVED THAT the Council of the Corporation of Township of Hornepayne opposes planned changes to the Planning Act in the proposed Bill 66 that may allow for an "Open for Business" planning By-Law; and,

BE IT FURTHER RESOLVED THAT the Government of Ontario be requested to reconsider the proposed changes to the Planning Act included in Bill 66 which speak to the creation of the open-for-business planning By-Law.

BE IT FURTHER RESOLVED THAT the Council of the Corporation of the Township of Hornepayne will not exercise the powers granted to it in Schedule 10 or any successor sections or schedules to pass open-for-business planning By-Laws; and

BE IT FURTHER RESOLVED THAT a copy of this resolution be forwarded to the Honourable Doug Ford, Premier of Ontario; the Honourable Steve Clark, Minister of Municipal Affairs and Housing, Andrea Horwath, MPP and Leader of the Official Opposition and the Ontario NDP Party, MPP John Fraser, Interim Leader of the Ontario Liberal Party, MPP and Mike Schreiner, Leader of the Green Party of Ontario, the Honourable Michael Mantha, M.P.P. Algoma-Manitoulin, the Honourable Carol Hughes, M.P. Algoma-Manitoulin-Kapuskasing, Attorney General and Minister Responsible for Francophone Affairs, Association of Municipalities Ontario (AMO), the Town of Georgina and the Town of Orangeville.

Carried Defeated Deferred

[Signature]
 signature of presiding officer

RECORDED VOTE:	YES	NO
Councillor Belinda Kistemaker	---	---
Councillor Peter Kistemaker	---	---
Councillor Jon Peroff	---	---
Councillor Drago Stefanic	---	---
Mayor Cheryl Fort	---	---

I, Melissa Chenier, Treasurer for the Corporation of the Township of Hornepayne do certify that this document is a true copy of:
 Resolution: 2019-65 By-Law:
 Other:

this 21st day of March, 2019
 Melissa Chenier
 Treasurer

Township of Hornepayne

Disclosure of pecuniary interest and the general nature thereof.

(Name) _____ (Name) _____

Disclosed the pecuniary interest and the general nature thereof and abstained from the discussion, vote and influence.

(Clerk)

March 22, 2019

Ms. Kiran Saini
Acting Director of Legislative Services/Town Clerk
Town of Newmarket
395 Mulock Drive, P.O. Box 328
Newmarket, ON L3Y 4X7

MAR 27 2019

Dear Ms. Saini:

Re: 2018 Drinking Water Systems Report

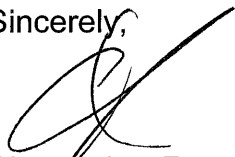
Regional Council, at its meeting held on March 21, 2019 adopted the following recommendations of Committee of the Whole regarding "2018 Drinking Water Systems Report":

1. The Regional Clerk circulate this report to the Clerks of the local municipalities, City of Toronto, Regional Municipality of Peel, and the Ontario Chief Drinking Water Inspector (Ministry of the Environment, Conservation, and Parks).

The original staff report is enclosed for your information.

Please contact David Szeptycki, Director of Strategy and Innovation at 1-877-464-9675 ext. 75723 or Roy Huetl, Director of Operations, Maintenance and Monitoring at ext. 75323 if you have any questions with respect to this matter.

Sincerely,



Christopher Raynor
Regional Clerk

Attachments

The Regional Municipality of York

Committee of the Whole
Environmental Services
March 7, 2019

Report of the Commissioner of Environmental Services

2018 Drinking Water Systems Report

1. Recommendation

1. The Regional Clerk circulate this report to the Clerks of the local municipalities, City of Toronto, Regional Municipality of Peel, and the Ontario Chief Drinking Water Inspector (Ministry of the Environment, Conservation, and Parks).

2. Summary

This report and attachments satisfy reporting requirements in Ontario Regulation 170/03 – Drinking Water Systems, and supports Council in meeting statutory standard of care requirements under the *Safe Drinking Water Act, 2002*.

Key Points:

- In 2018, 99.99 per cent of 16,923 laboratory analyzed samples and 37.6 million continuous monitoring analyzer readings were within regulated standards and confirm York Region's high quality drinking water. All adverse results were addressed and reported.
- In 2018, 12 of 16 inspections scored 100 per cent. The remaining four inspections scored between 86 and 96 per cent. Additional information on all 2018 calendar year inspections is found in Attachment 2.
- York Region is the top scoring GTA municipality in the Chief Drinking Water Inspector's Annual Report Card with an overall inspection and sample score for the Ministry of Environment, Conservation and Parks' 2017-2018 fiscal year of 99.17 per cent.
- With one exception, drinking water systems operated within volume and capacity limits. On June 17, 2018 the Nobleton system exceeded permitted production limits by seven cubic meters. Additional information is found in the Water Volume and Capacity section of this report.
- Advanced systems monitoring, controls, and a multi-barrier approach protect drinking water and public health.

3. Background

Drinking water system owners report annually to comply with the *Safe Drinking Water Act, 2002*

The Ministry of the Environment, Conservation, and Parks (MECP) regulates municipal drinking water systems in Ontario. The *Safe Drinking Water Act, 2002*, (the Act) requires municipal drinking water system owners to report annually on the quality and quantity of drinking water produced and distributed to the public. This regulatory requirement is satisfied through:

- This report, presentation and attachments to Council
- Water quality reports available at york.ca/drinkingwater

Within York Region, water is delivered through a two-tiered water system. The Region operates and maintains 15 drinking water supply systems, which provide water to the nine local municipalities. Our local municipal partners collectively maintain 15 drinking water distribution systems to distribute high quality water to residents and businesses.

Annual Reporting helps Council exercise due diligence and meet standard of care under the *Safe Drinking Water Act*

In 2000, seven people died and thousands became ill from municipal drinking water severely contaminated with E. coli bacteria in Walkerton, Ontario. A range of contributing factors was identified. As a result of this tragedy, the Province developed the Act to address some of these factors and reduce the risk of drinking water related illness.

The Act imposes a standard of care upon individuals with decision-making authority over municipal drinking water systems, which in York Region's case is Regional Council. Council has a responsibility to protect the people in their communities by demonstrating diligence over the sourcing, delivery, and services of safe, high quality drinking water.

Council members fulfil this duty through their decisions and commitments made at Regional Council. Council direction ensures financial sustainability, asset management, and continual improvement of the Region's water systems to proactively manage risks and increase efficiency. This report summarizes 2018 calendar year information that supports Council in their standard of care including:

- Process improvements to enhance operational diligence and continually improve drinking water operations
- Water quality and water quantity performance
- Reported adverse water quality events and corrective actions (Attachment 1)

- Summary of 2018 MECP inspection findings and corrective actions (Attachment 2)
- Summary of 2018 performance data for each drinking water system (Attachment 3)
- Summary of 2018 system monetary expenses (Attachment 4)

York Region's Medical Officer of Health is a key partner in mitigating and monitoring potential public health risks related to drinking water

The Region's Medical Officer of Health plays a key role in protecting public health through safe drinking water by assessing any potential health impact from an adverse water quality test result. The Medical Officer of Health may direct the owner of a drinking water system to take corrective actions beyond what is prescribed by regulations. There were no additional corrective actions required in 2018, and no water use restrictions due to water quality concerns have been ordered by the MECP or by the Medical Officer of Health in over a decade for any reported event.

Environmental Services and Public Health maintain a 24/7 response system to address potential water quality issues. In the event of a water emergency or adverse water quality incident, procedures are in place to ensure close cooperation between the Medical Officer of Health, the Region, the local municipalities, and the MECP, to ensure effective communication and protect public health.

Multi-barrier approach to risk management protects drinking water systems and public health

A key recommendation resulting from the Walkerton tragedy is a multi-barrier approach to drinking water quality and safety. Elements of this approach include source water protection, training of operators, a Drinking Water Quality Management Standard, and a strict Provincial inspection and enforcement program. The multi-barrier approach ensures both preventive and corrective actions are taken to protect drinking water quality.

Source Water Protection prevents contamination of Ontario's drinking water

Staff continue to identify and mitigate current and future threats to drinking water sources as required by the *Clean Water Act, 2006*. York Region's Source Water Protection program identifies and manages potential threats to drinking water. Some focus areas include:

- Requiring that proposed developments in vulnerable areas plan carefully to ensure the safety of our immediate and long term drinking water supply
- The Source Water Protection Incentive Program encourages and supports businesses to make changes to protect drinking water sources

- Collaborating with the Province, local and neighbouring municipalities, and Conservation Authorities, to align our programs and plans to ensure consistent, effective, and successful protection of all sources of drinking water

In 2019, York Region's Source Water Protection Program will continue to review development proposals in vulnerable areas, establish new risk management plans, complete inspections, and provide education to owners of sites within vulnerable areas. Implementation efforts are documented and reported to the Province as required by the *Clean Water Act, 2006*.

Provincially mandated training provides staff with required knowledge to sustain high performing water and wastewater systems

York Region continues to develop and participate in top quality Operator training. The training program is tailored to ensure Operators receive required provincially standardized education, and on-the-job training that translates regulatory requirements to operational needs. The program mandate ensures staff are equipped to competently and efficiently manage drinking water systems in compliance with applicable rules and best practices.

Drinking Water Quality Management Standard is a tool for driving continual improvement

The Region implements a statutory management standard that protects public health through consistent practices for managing and operating water systems, and by identifying and mitigating risks. It is also a tool for identifying and resolving inefficiencies through process and procedure updates that help to address potential compliance risks. The 2018 Integrated Management System Update Report, also on today's agenda, provides more information on the Region's continual improvement efforts to proactively manage risks to drinking water systems and ensures the Region maintains compliance.

Provincial inspections and enforcement assess compliance

York Region facilities are regularly inspected by the MECP, and staff maintain a positive working relationship with regulators to identify and mitigate risks identified in our watersheds. Results of all 2018 MECP inspections and corrective actions are detailed in Attachment 2.

York Region's drinking water sampling program and automated monitoring tools protect public health and safety

York Region uses a variety of monitoring methods to address the unique needs of each water system. Online analyzers and a comprehensive sampling program allow staff to understand the performance of Regional facilities. These tools provide valuable information that supports our industry-leading drinking water operations. Some examples include:

- Online analyzers continuously monitor many water quality parameters, and automatically stop the flow of drinking water when these parameters approach regulatory or operational limits
- A comprehensive sampling program includes both regulatory and research samples, and is frequently updated in response to operational needs and regulatory changes
- Analyzers and dosing equipment are calibrated on a regular schedule by trained operators and technologists to ensure accurate readings
- Using data and technology to analyze the information helps staff to better understand system performance and quality issues

Environmental Services is focused on improving reporting transparency and efficiency

To simplify reporting of York Region's drinking water quality in 2018, staff implemented interactive Water Quality Report Highlights on York Region's Drinking Water Quality webpage. These reports show key details from the Region's Open Data portal in a user-friendly, self-serve interface. The software used to create these highlights was also used to generate Attachments 1, 3, and 4 of this year's report. These reporting efficiencies have saved staff time and effort on managing documents and allow staff to spend more time on operating and performing deeper analysis to optimize delivery of our services. This initiative also supports the Region's commitment to accessibility, customer service, and being a leader in public services. Access the interactive Water Quality Reports highlights at york.ca/drinkingwater

4. Analysis

WATER QUALITY

99.99 per cent of laboratory samples were within Regulatory limits in 2018 and results confirm York Region's high quality drinking water continues to be safe

In 2018, the York-Durham Environmental Laboratory performed 16,923 water quality tests for York Region's drinking water systems, resulting in only two reported adverse test results.

This means 99.99 per cent of all samples collected and analyzed by the laboratory in 2018 were within regulated standards. The laboratory initiates a notification process when analysis indicates a parameter is outside regulatory limits. Staff responded to each adverse test result and performed corrective actions accordingly.

Table 1 summarizes the laboratory analyzed water quality test results reported as adverse water quality events in 2018. Laboratory analyzed sample results are factored into the Chief Drinking Water Inspector’s annual report.

Table 1
Adverse Water Quality Events Reported from
Laboratory Analyzed Test Results in 2018

Parameter and Number of Occurrences	Summary of Reported Results
Sodium (2 occurrences)	<ul style="list-style-type: none"> • Two storage facilities in Newmarket, the Southeast Elevated Tank and the West Reservoir, reported adverse sodium levels between 29.7 mg/L and 33.4 mg/L • Although the reporting standard is 20 mg/L, Health Canada’s aesthetic taste objective maximum for sodium in drinking water is 200 mg/L

Continuous analyzers safeguard drinking water delivered to residents

In addition to sampling conducted by operators, 358 online analyzers continuously monitor system performance, creating approximately 37.6 million records in 2018. Analyzers monitor several system performance parameters, including chlorine residual, which is also known as the “disinfection level”. Analyzers record point-in-time measurements, and the online equipment is highly sensitive to flow changes. Occasional high or low readings on an analyzer are not representative of overall disinfection level in the distribution system, even when reported as adverse at a facility.

When analyzers detect an issue, a facility alarm is triggered and flow shuts down to prevent potential adverse water from entering the distribution system. Control panel operators monitor the system and dispatch operators to respond to alarms or unusual trends. Facilities can only return to operation after an operator attends the site to inspect the equipment, manually test the water, and complete any other required corrective actions to confirm water quality.

Staff reported 52 adverse water quality events observed through continuous monitoring analyzer readings in 2018. In every occurrence, the flow of water was stopped by the system’s automatic safeguards.

- The majority of these events occurred at storage and re-treatment facilities. Several facilities have been recently upgraded, and/or are adjusting to the change in demand in growing areas, therefore ongoing process optimization is anticipated for fine tuning performance
- More than half of the events self-corrected or required minor equipment adjustment, and required no operator intervention aside from confirming compliant readings and restarting the facility operation
- Sixteen events were reported as due diligence. Most of these are considered due diligence reports because there was no water flow leaving the facility at the time of the adverse reading

Table 2 summarizes the continuously monitored analyzer readings reported as adverse water quality events in 2018. Continuous monitoring analyzer results are not factored into the Chief Drinking Water Inspector’s annual report.

Table 2
Adverse Water Quality Events Reported from
Continuous Monitoring Analyzer Readings in 2018

Parameter and Number of Occurrences	Summary of Reported Results
High Disinfection Level (combined chlorine) (26 occurrences)	<ul style="list-style-type: none"> • Many high residual events occurred at facilities operating near the upper regulatory limit. This practice helps to optimize water quality in areas of the distribution system that are furthest from the treatment source. The local Medical Officer of Health, the MECP, and local municipalities were consulted when planning to operate near the upper disinfection dosing limit.

Table 2 (continued)

Parameter and Number of Occurrences	Summary of Reported Results
Low Disinfection Level (combined/ free chlorine, contact time) (21 occurrences)	<ul style="list-style-type: none">• Most low disinfection events are caused by equipment error or maintenance at the time of the alarm.• Corrective actions for low disinfection level include collecting grab samples and recalibrating analyzers. When analyzers are found to be reading a low disinfection level correctly, staff perform system flushing in cooperation with local municipalities and monitor chlorine residuals until it reaches optimal levels.
High Fluoride Level (4 occurrences)	<ul style="list-style-type: none">• Fluoride is continuously monitored at the Georgina and Keswick Water Treatment Plants, where it is applied within the optimal range recommended by the MECP and the Medical Officer of Health.• If a fluoride analyzer exceeds operational limits, the facility immediately stops directing water to the distribution system. If there is no flow at the time of the alarm, staff recalibrate equipment to ensure accurate readings.• If required, an operator may backflush the system to prevent water from leaving the facility and restore correct fluoride dose.
Low System Pressure (1 occurrence)	<ul style="list-style-type: none">• During routine infrastructure maintenance, a flooded chamber required isolation and pump out. Precautionary disinfection of all exposed infrastructure and testing of water upstream, downstream and at the location was undertaken in coordination with Public Health and the Town of Aurora.• All sample results demonstrated disinfection residuals remained constant and protective.

Attachment 1 summarizes all reported adverse events detected through continuous monitoring and laboratory results, as well as the actions taken to correct them.

MINISTRY INSPECTIONS

In 2018, 12 of 16 inspections scored 100 per cent

In 2018, 12 of 16 inspections scored 100 per cent. In this timeframe, the Georgina Drinking Water System was inspected twice. Four inspections scored between 86 and 96 per cent and resulted in 10 non-compliances, which are summarized in Table 3.

Table 3
Summary of 2018 Ministry Inspection Findings

Location	Summary of Non-Compliant Findings and Corrective Actions
Mount Albert, Ballantrae-Musselman's Lake and Stouffville Drinking Water Systems (6 non-compliances)	<ul style="list-style-type: none">• Samples were taken but not delivered to the laboratory within the required timeframe. Operational procedures were updated and training was provided to staff.
Keswick Drinking Water System (3 non-compliances)	<ul style="list-style-type: none">• Coagulant feed was interrupted and not immediately reported. Monitoring equipment was installed to prevent reoccurrence and additional training was provided to staff.• Temporary inadequate turbidity monitoring. Operational procedures were updated and monitoring equipment was upgraded.
King City Drinking Water System (1 non-compliance)	<ul style="list-style-type: none">• Inadequate documentation of site work. Operational procedures were reviewed and additional training was provided to staff.

CHIEF DRINKING WATER INSPECTOR 2017-2018 RATINGS

York Region receives top scores in the Greater Toronto Area for the Ontario Chief Water Inspector's 2017-2018 Annual Report

Ontario's Chief Drinking Water Inspector releases an annual report rating for drinking water systems. Reporting timelines are based on the MECP's previous fiscal year from April 1, 2017 to March 31, 2018. York Region achieved top compliance scores for MECP inspections and for samples meeting provincial water quality standards. York Region's combined average score for inspections and samples meeting provincial water quality standards was

99.17 for all 15 drinking water systems combined in the 2017-2018 Chief Drinking Water Inspector's Report. The City of Toronto and Peel Region, who supply the majority of York Region's drinking water, also received high scores. Table 4 outlines the scores for GTA municipalities.

Table 4
Ministry of the Environment, Conservation and Parks
2016-2018 Chief Drinking Water Inspector's Annual Report Scores

Municipality	Inspection Rating (%)		Water Quality Tests Meeting Standards (%)		Overall Score	
	2016-2017	2017-2018	2016-2017	2017-2018	2016-2017	2017-2018
York Region*	99.60	98.45	99.93	99.89	99.77	99.17
Durham Region*	99.36	98.14	99.95	99.81	99.65	98.98
Peel Region*	97.76	98.08	99.92	99.93	98.84	99.00
City of Toronto*	95.57	95.00	99.72	99.55	97.65	97.27
Provincial Average	98.47	98.64	99.89	99.78	99.18	99.21

*Average of scores for all drinking water systems within municipality

York Region achieved an overall inspection rating of 98.45 per cent in the Chief Drinking Water Inspector's Report. This is based on 15 inspections conducted from April 1, 2017 to March 31, 2018. 12 of 15 inspections in the Chief Drinking Water Inspector's Report scored 100 per cent. Non-compliances found in three inspections were promptly identified and addressed. Details on all 2017 inspections are found in [last year's report to Council](#). Details of 2018 non-compliance findings are summarized in Table 3 and all 2018 inspection results are listed in Attachment 2.

York Region achieved an overall sample compliance rating of 99.89 per cent in the Chief Drinking Water Inspector's Report for laboratory analyzed samples meeting the requirements of the *O.Reg. 169/03: Ontario Drinking Water Quality Standards*. This is based on laboratory sampling conducted from April 1, 2017 to March 31, 2018. 12 of 15 drinking water systems scored 100 per cent for samples meeting provincial water quality standards. All incidents occurred in 2017, were promptly reported and corrective actions completed. Details on all 2017 adverse water quality incidents are found in [last year's report to Council](#).

Inspectors evaluate facilities against regulations, licenses, permits and MECP procedures. There were no risks to public health relating to the inspection findings identified by the

MECP. As demonstrated in Table 4, York Region continues to receive top marks on MECP inspections and sampling results, consistently leading the Province along with our Greater Toronto Area municipal partners and neighbours.

WATER VOLUME AND CAPACITY

All drinking water systems operated within permitted water volume and capacity limits except for one system on one day

In 2018, York Region's drinking water systems operated within the monthly average flow, maximum daily withdrawal and allowable daily withdrawal limits, with a single exception. On June 17, 2018, the combined total flow from the three wells in Nobleton exceeded the permitted limit of 4,460 cubic metres per day by seven cubic metres. Automatic shutdowns were programmed on each well, but there was no alarm for the combined total volume of all three wells running at allowable flowrates. 48 hours after the exceedance, technicians updated the system programming to shut down the wells if the combined daily total flow reaches the permit limit to ensure flow stays within permitted limits. Based on this experience, programming for all systems with combined flow limits was reviewed and updated as necessary.

York Region continues to maintain compliance with:

- The *Safe Drinking Water Act, 2002* and its regulations
- Terms and conditions of the Region's Permits to Take Water and supply agreements with the City of Toronto and Peel Region
- The permitted Intra-Basin Transfer volumes for water taken from (and returned to Lake Ontario) for communities in the Lake Huron watershed

York Region continues to ensure sufficient drinking water capacity for the Region's growing population. Included in Attachment 3 are the number of days where water supply facilities operated at 80 per cent or higher of the permitted daily withdrawal, and the bar graph at the bottom shows the single highest daily volume taken in the entire year. This data informs decision making regarding long term water sourcing, and helps ensure there is adequate water available for fire protection. Maximum permitted volumes support forecasted population growth to 2031. Long term water demands will be refined in the Water and Wastewater Master Plan Update, currently planned for completion in 2021.

5. Financial

Effective and comprehensive asset management is critical to delivering reliable and sustainable water services

York Region delivers high quality drinking water in a safe and cost effective manner. The estimated replacement cost for York Region's water facilities and underground infrastructure is approximately \$2.1 billion, accounting for approximately 16 per cent of all the Region's assets. These assets are wholly owned by the Region and do not include shared assets with the City of Toronto and with Peel Region. For more information about Peel and Toronto cost-shared projects, refer to the [Water and Wastewater Capital Infrastructure Status Update](#) presented to Committee of the Whole on January 10, 2019. These investments support long-term drinking water safety and supply reliability. Effective asset and infrastructure management is critical to the Region's ability to deliver services that are safe, reliable and efficient while sustaining our growing communities. Operational excellence is supported by collaboratively planned and prioritized upgrades, repairs and expansions.

In [October 2015](#), Council approved 2016 – 2021 water and wastewater rates supported by a detailed analysis described in the Financial Sustainability Plan. The plan was implemented commencing in April 2016, and focuses on achieving full cost recovery pricing in 2021 and eliminating shortfalls in asset management funding.

York Region spent approximately \$26.7 million in 2018 to maintain and improve drinking water systems

Section 11 of the Drinking Water Systems regulation requires water utility owners to “describe any major expenses incurred during the period covered by the report to install, repair or replace required equipment.”

In 2018, York Region spent approximately \$26.7 million installing, repairing or replacing equipment used to treat, store and deliver safe drinking water. Costs are funded through the rate-supported Environmental Services water budget, as approved annually by Council. These expenses do not include operational costs or salaries, and are summarized in Attachment 4.

6. Local Impact

York Region and its nine local municipalities work together to distribute high quality drinking water

Water quality standards are maintained through collaboration between York Region and the nine local municipalities. Although ownership and operation of the water systems is two-tiered, the Region and the local municipalities coordinate operation of highly efficient systems to provide safe and uninterrupted water supply to our collective customers.

7. Conclusion

This report and all attachments, along with drinking water data posted on york.ca/opendata and summaries posted on york.ca/drinkingwater, satisfies reporting requirements under the Act. It demonstrates the Region's commitment to operational excellence through continual improvement, while also fulfilling our obligation to communicate performance to Council, stakeholders and the public. Council is able to demonstrate due diligence required for decision making under their statutory standard of care by reviewing and considering the information contained in this report when exercising decision making authority.

York Region's drinking water systems are subject to strict regulations implemented by the Province to keep public drinking water safe. Results from the 2018 reporting year continue to demonstrate the excellent performance of York Region's drinking water systems.

For more information on this report, please contact David Szeptycki, Director of Strategy and Innovation, at 1-877-464-9675 ext. 75723, or Roy Huetl, Director of Operations, Maintenance and Monitoring, at 1-877-464-9675 ext. 75323. Accessible formats or communication supports are available upon request.

Recommended by:

Erin Mahoney, M. Eng.
Commissioner of Environmental Services

Approved for Submission:

Bruce Macgregor
Chief Administrative Officer

February 26, 2019
Attachments (4)
8967704

2018 SUMMARY OF REPORTED ADVERSE WATER QUALITY INCIDENTS AND CORRECTIVE ACTIONS

The Ministry of Environment, Conservation and Parks (MECP) and the Medical Officer of Health were satisfied with the corrective actions taken for all reported events in the summary below and had no further direction. For all remotely monitored system performance incidents, facility flow is paused until operator restores normal operation.

Ballantrae-Musselman's Lake Drinking Water System

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Free Chlorine Residual < 0.05 mg/L	Jan 12	0.00 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	May 04	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Nov 18	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.

Georgina Drinking Water System

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Fluoride > 1.5 mg/L	Feb 17	1.69 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Jul 26	1.69 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
Free Chlorine Residual < 0.05 mg/L	Jun 23	0.01 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Oct 24	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.

Georgina Drinking Water System, Keswick Sub-System

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Fluoride > 1.5 mg/L	Mar 06	1.65 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Aug 04	1.51 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
Free Chlorine Residual < 0.05 mg/L	May 04	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.

Mt Albert Drinking Water System

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Free Chlorine Residual < 0.05 mg/L	Dec 04	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.

Sharon/Queensville Drinking Water System

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Contact Time (CT) Not Met	Jul 03	< 0.18 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.

York Drinking Water System, Aurora Sub-System Continued

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Combined Chlorine Residual <0.25 mg/L	May 04	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Jun 09	0.00 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Nov 25	0.00 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
Combined Chlorine Residual > 4.0 mg/L (Regulatory Relief Sites)	Jan 03	4.11 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Mar 10	4.55 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	May 01	4.86 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	May 04	4.89 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	May 04	5.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	May 04	4.26 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	May 22	4.01 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Dec 23	4.10 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
System Pressure < 20 psi	Nov 23	Possible Contamination Unitless	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.

York Drinking Water System, Kleinburg Sub-System

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Combined Chlorine Residual > 3.0 mg/L	Aug 11	5.48 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.

York Drinking Water System, Newmarket Sub-System

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Combined Chlorine Residual <0.25 mg/L	Apr 15	0.22 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Aug 12	0.00 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
Combined Chlorine Residual > 4.0 mg/L (Regulatory Relief Sites)	Jul 17	4.04 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Aug 19	4.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Aug 20	4.10 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Nov 17	4.00 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Dec 11	4.15 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Dec 21	4.25 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Dec 22	4.30 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Dec 29	4.12 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
Contact Time (CT) Not Met	Jan 30	0.04 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Apr 17	0.03 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
Sodium > 20.0 mg/L	Apr 26	29.7 mg/L	Operator attended site. Resample taken.
		33.4 mg/L	Operator attended site. Resample taken.

York Drinking Water System, Stouffville Sub-System

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Contact Time (CT) Not Met	Aug 12	0.00 mg/L	Operator attended site, restored facility to normal operation
Free Chlorine Residual < 0.05 mg/L	May 12	0.00 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Jun 22	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Aug 12	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Sep 14	0.00 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.

York Drinking Water System: Markham, Richmond Hill

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Combined Chlorine Residual < 0.25 mg/L	Jul 29	0.00 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
Combined Chlorine Residual > 3.0 mg/L	Oct 26	3.40 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.

York Drinking Water System: Vaughan

Incident Description	Incident Date	Adverse Test Result	Corrective Action
Combined Chlorine Residual > 3.0 mg/L	Jan 01	9.94 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Jan 14	3.07 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Jan 18	5.82 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Jan 29	5.44 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	May 05	3.43 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Jun 23	4.92 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.
	Dec 11	3.03 mg/L	Reported as due diligence. Operator attended site. Facility returned to normal operation. Compliant grab sample taken.
	Dec 21	3.06 mg/L	Operator attended site, restored facility to normal operation. Compliant grab sample taken.

SUMMARY OF 2018 INSPECTION FINDINGS AND CORRECTIVE ACTIONS

System Name and Inspection Date	Inspection Score (%)	Summary of Findings and Corrective Actions
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Municipality: Aurora

Aurora DWS (York DWS sub-system) August 23, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.
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Municipality: East Gwillimbury

Holland Landing DWS (York DWS sub-system) August 29, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.
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Mount Albert DWS May 17, 2018	94.60	<p>Two non-compliances were identified relating to a single incident where a set of raw water and treated water samples were taken, but not delivered to the laboratory for analysis. This single delivery error is reflected in two other 2018 Inspections. Operational procedures have been reviewed and revised to prevent re-occurrence and training was provided to staff. Subsequent weekly samples were analyzed with no water quality issues identified.</p> <p>There was one best management practice recommendation to update the work management system to correctly reflect the frequency of asset inspections. Staff updated the work order frequency for the relevant asset inspections.</p>
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Sharon/Queensville DWS (York DWS sub-system) February 13, 2018	100	<p>There were no non-compliance findings from this inspection.</p> <p>There was one best management practice recommendation to investigate how to cross reference maintenance activities during the data review process to ensure data points that do not belong in the annual report are not included. A data point was included in annual reporting that was considered erroneous because it was collected during maintenance, however it appeared to exceed the compliance limit for treated water turbidity and caused confusion. Staff continue to enhance the automated data validation process and investigate tools for streamlining review by staff.</p>
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Municipality: King

Ansnoeveldt DWS July 11, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.
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King City DWS (York DWS sub-system) May 25, 2018	100	<p>One non-compliance identified relating to an incident where staff responded appropriately to a process issue but failed to adequately document the work completed as required by regulation. Operational procedures were reviewed by Region staff and found to be satisfactory. Additional training on operational procedures related to documentation practices was provided to staff. This non-compliance did not impact the Inspection Score.</p> <p>There were no best management practice recommendations from this Inspection.</p>
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Nobleton DWS April 11, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.
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Schomberg DWS June 15, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.
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Municipality: Newmarket

Newmarket DWS (York DWS sub-system) October 5, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.
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System Name and Inspection Summary of Findings and Corrective Actions
Inspection Date Score (%)

Municipality: Georgina		
Keswick DWS (Georgina DWS sub-system) January 9, 2018	86.03	<p>Three non-compliances and no best management practice recommendations were identified. Two related to a single incident where the treatment chemical necessary for removing particles from the water was not applied for less than one day, and was not immediately reported to the Ministry. This incident was self-identified by Region staff, corrected and reported to the Ministry. Laboratory results from samples taken during this period of time did not indicate any water quality issues. Upgraded monitoring equipment was installed to prevent reoccurrence.</p> <p>A third non-compliance related to an incident where required turbidity monitoring was not performed due to an error in restoring monitoring equipment after completing routine maintenance. Other monitoring equipment and laboratory sample results during this period of time indicated no water quality issues. Operational procedures were reviewed and revised, and monitoring systems were upgraded to prevent reoccurrence.</p>
Georgina DWS and Georgina Water Treatment Plant January 9, 2018	100	<p>There were no non-compliance findings from this inspection.</p> <p>There was one best management practice recommendation to investigate how to cross reference maintenance activities during the data review process to ensure data points that do not belong in the annual report are not included. A data point was included in annual reporting that was considered erroneous because it was collected during maintenance, however it appeared to exceed the discharge limit for water returned to the lake and caused confusion. Staff continue to enhance the automated data validation process and investigate tools for streamlining review by staff.</p>
Georgina DWS and Georgina Water Treatment Plant October 18, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.
Municipality: Vaughan		
Kleinburg DWS (York DWS sub-system) April 11, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.
Municipality: Vaughan, Richmond Hill, Markham		
York Distribution System (part of the York DWS) February 5, 2018	100	There were no non-compliance findings or best management practice recommendations from this inspection.

System Name and Inspection Summary of Findings and Corrective Actions
Inspection Date Score (%)

Municipality: Whitchurch-Stouffville		
Ballantrae- Musselman's Lake DWS April 24, 2018	96.02	<p>Two non-compliances were identified relating to a single incident where a set of raw water and treated water samples were taken, but not delivered to the laboratory for analysis. This single delivery error is reflected in two other 2018 Inspections. Operational procedures have been reviewed and revised to prevent re-occurrence and training was provided to staff. Subsequent weekly samples were analyzed with no water quality issues identified.</p> <p>There was one best management practice recommendation to update the work management system to correctly reflect the frequency of asset inspections. Staff updated the work order frequency for the relevant asset inspections.</p>
Stouffville DWS (York DWS sub-system) November 27, 2018	95.77	<p>Two non-compliances were identified relating to a single incident where a set of raw water and treated water samples were taken, but not delivered to the laboratory for analysis. This single delivery error is reflected in two other 2018 Inspections. Operational procedures have been reviewed and revised to prevent re-occurrence and training was provided to staff. Subsequent weekly samples were analyzed with no water quality issues identified.</p> <p>There was one best management practice recommendation to install protective signs for a monitoring well adjacent to the driveway to prevent accidental impact. Staff installed protective signs as recommended.</p>

**2018 PERFORMANCE DATA SUMMARIES FOR YORK REGION'S
DRINKING WATER SYSTEMS (DWS)**

2018 Water Quality & Capacity Summary | Ansnorveldt DWS

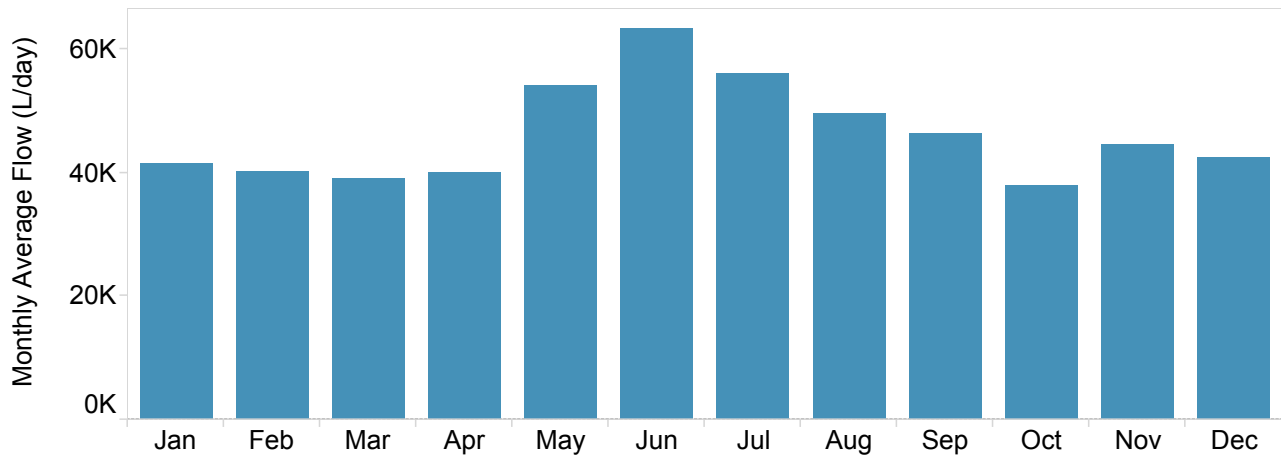
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Ansnorveldt DWS.

Chlorine	Fluoride	Sodium	Lead
1.62 mg/L	0.25 mg/L	43 mg/L	Not Detected (<0.0005 mg/L)

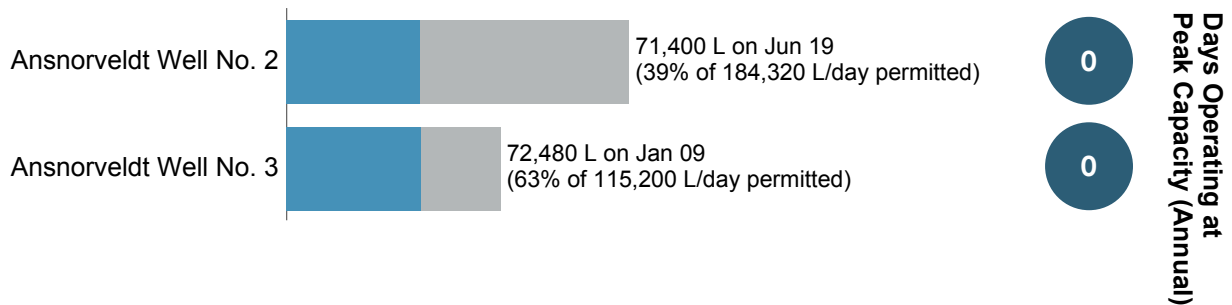
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Ansnorveldt DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Aurora DWS

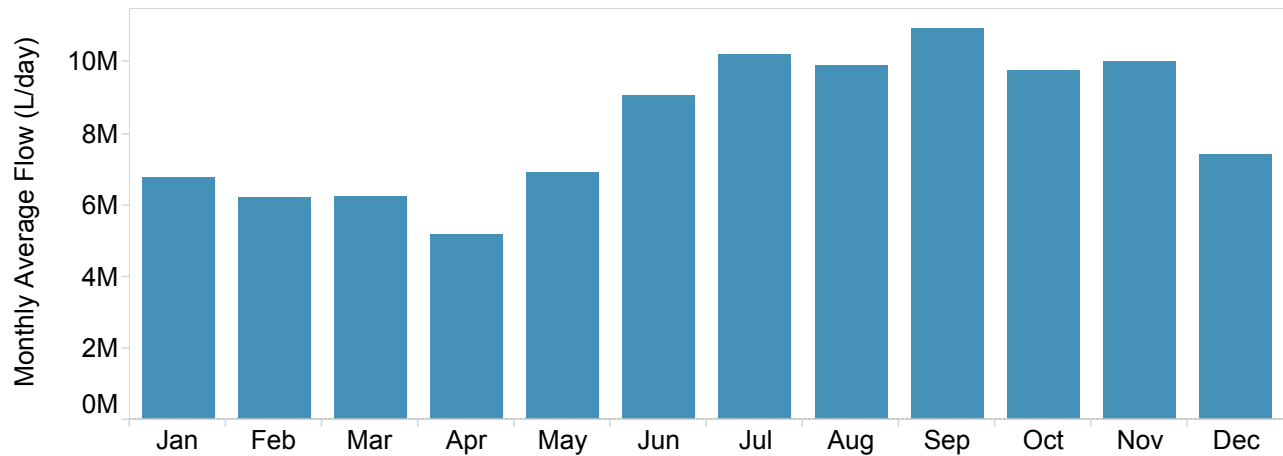
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Aurora DWS.

Chlorine	Fluoride	Sodium	Lead
2.62 mg/L	0.36 mg/L	17 mg/L	Not Detected (<0.001 mg/L)

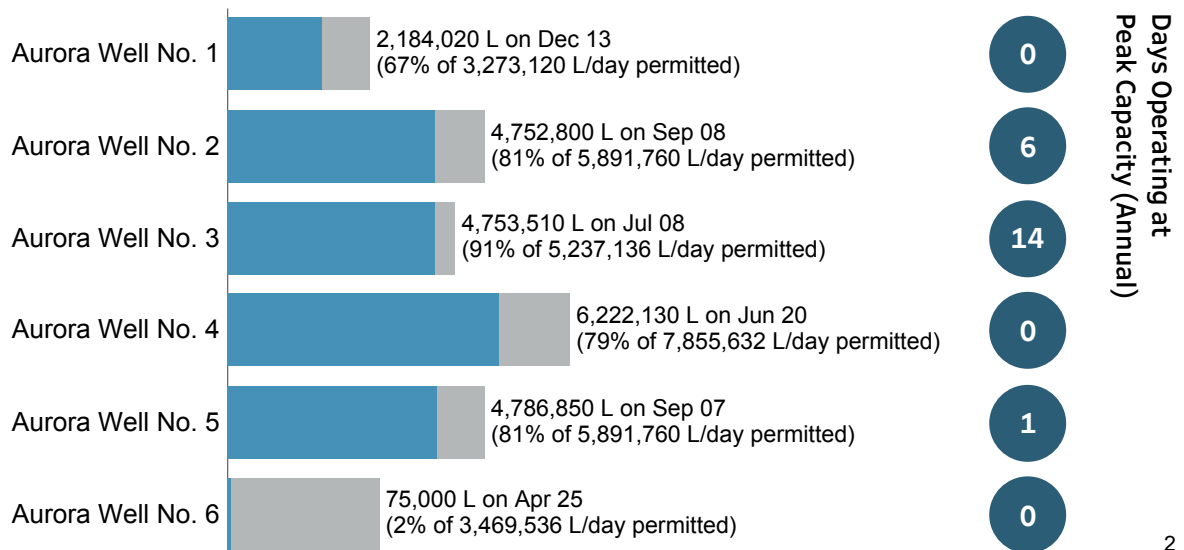
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Aurora DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Ballantrae/Musselman's Lake DWS

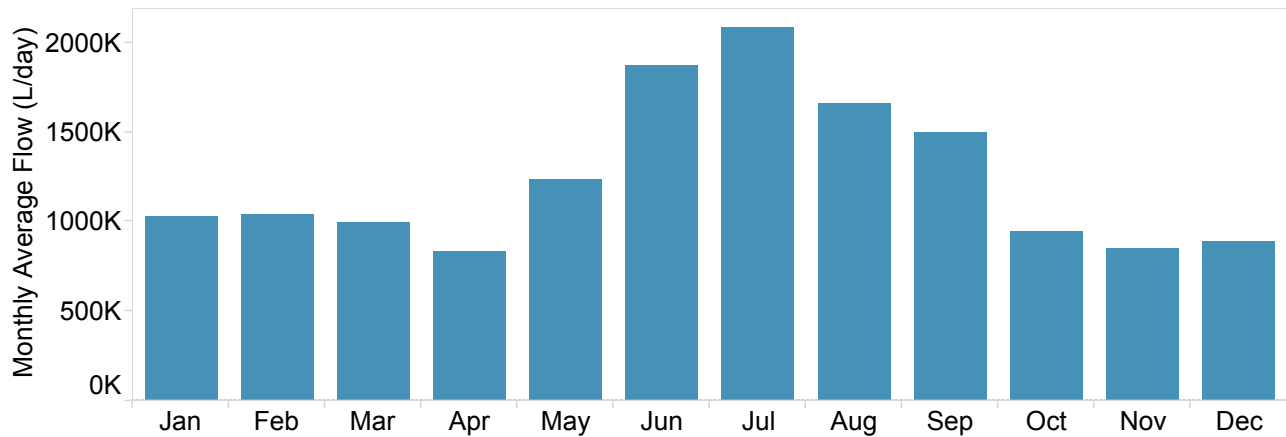
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Ballantrae/Musselman's Lake DWS.

Chlorine	Fluoride	Sodium	Lead
1.32 mg/L	0.08 mg/L	11 mg/L	Not Detected (<0.0005 mg/L)

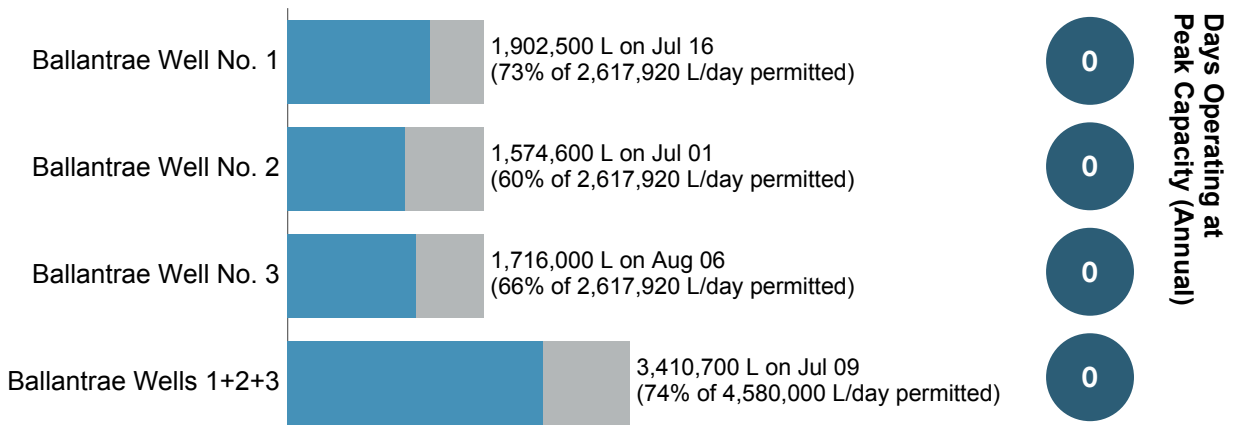
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Ballantrae/Musselman's Lake DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Georgina DWS

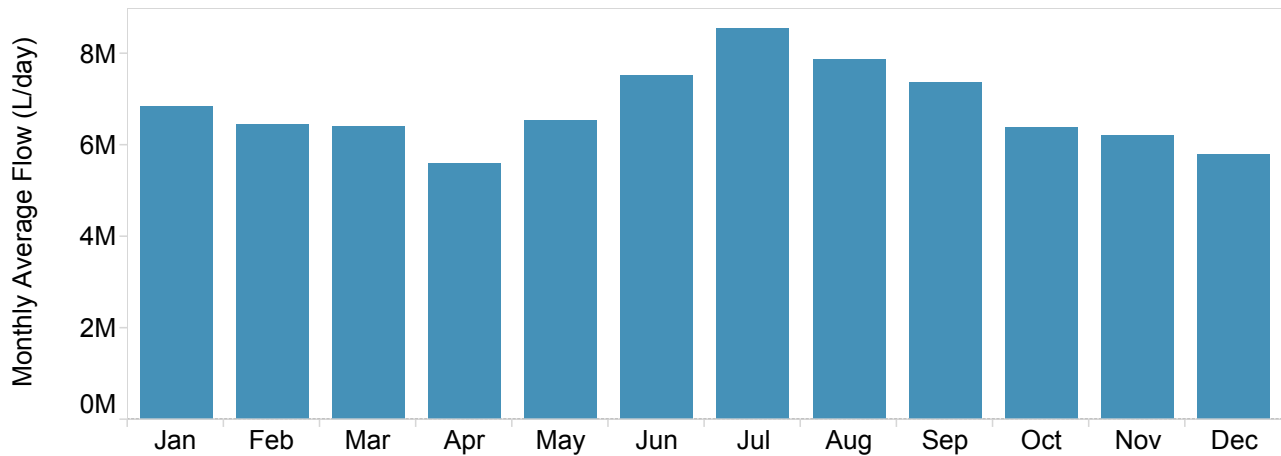
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Georgina DWS.

Chlorine	Fluoride	Sodium	Lead
1.62 mg/L	0.63 mg/L	32 mg/L	Not Detected (<0.0005 mg/L)

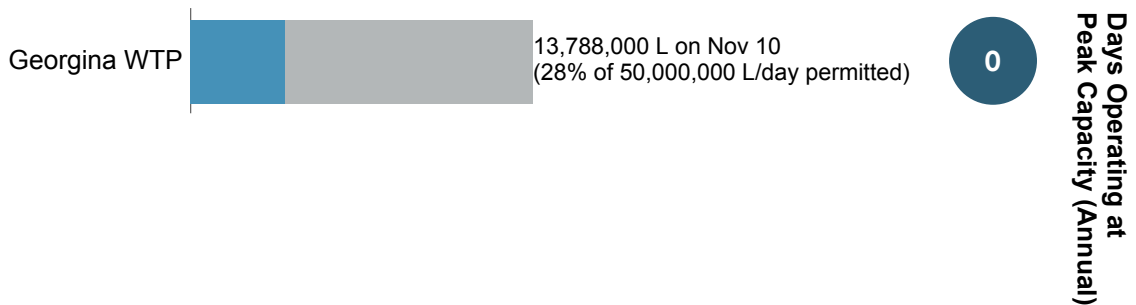
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Georgina DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Holland Landing DWS

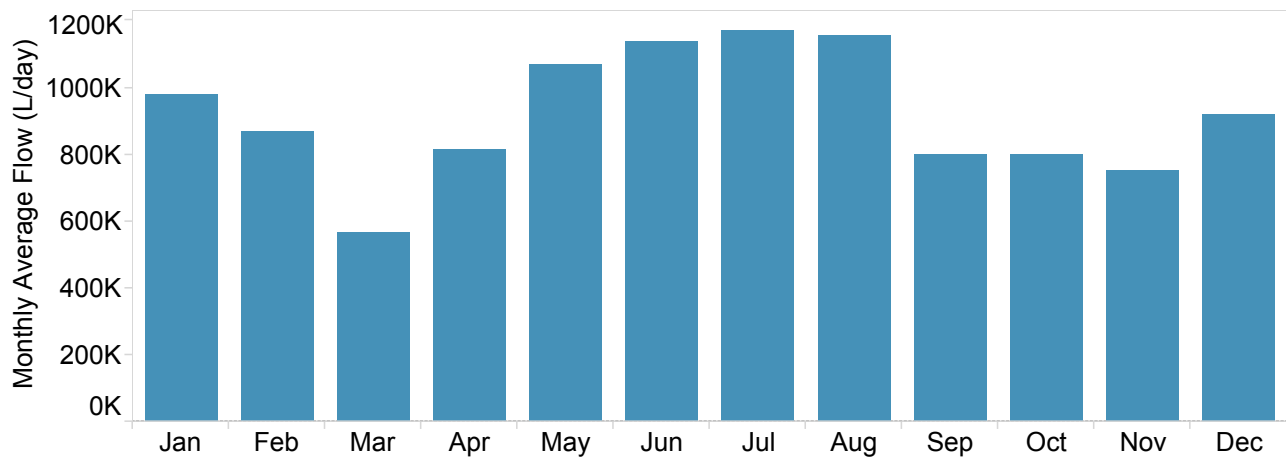
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Holland Landing DWS.

Chlorine	Fluoride	Sodium	Lead
2.25 mg/L	0.21 mg/L	19 mg/L	Not Detected (<0.0005 mg/L)

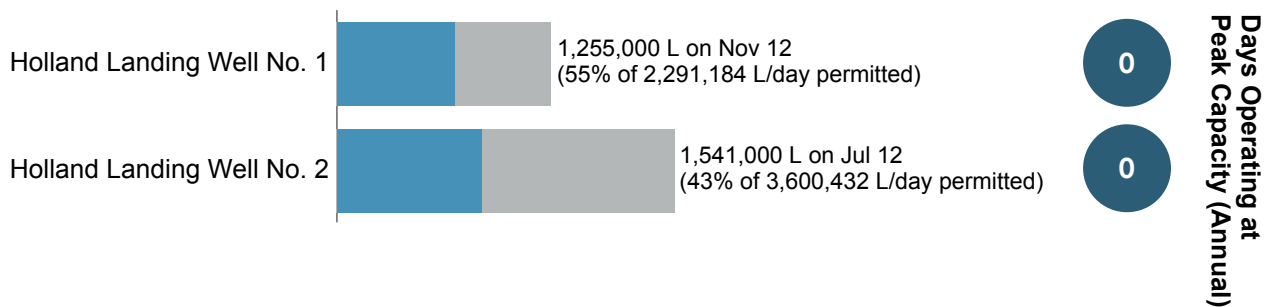
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Holland Landing DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Keswick DWS

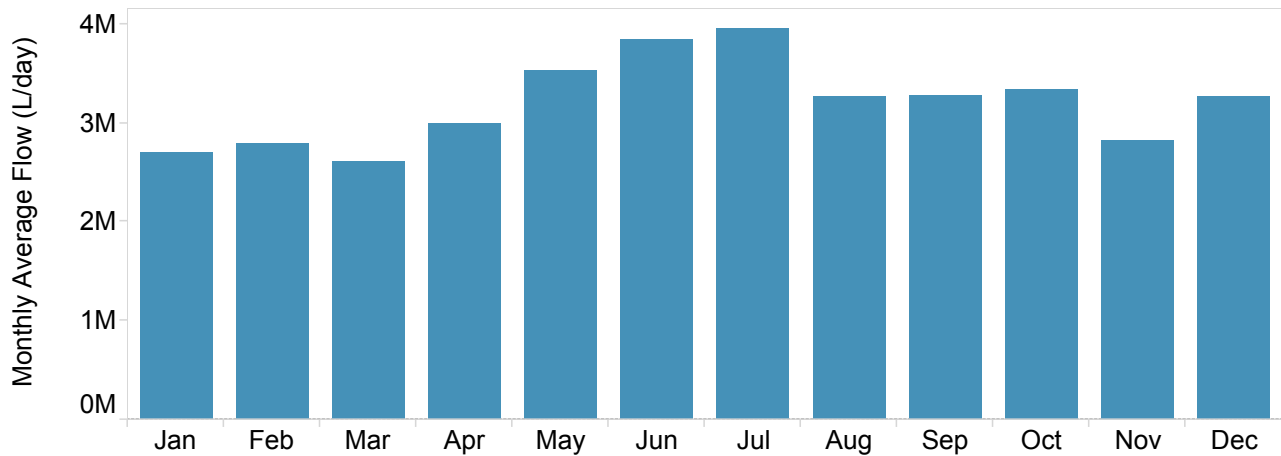
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Keswick DWS.

Chlorine	Fluoride	Sodium	Lead
1.24 mg/L	0.64 mg/L	32 mg/L	Not Detected (<0.0005 mg/L)

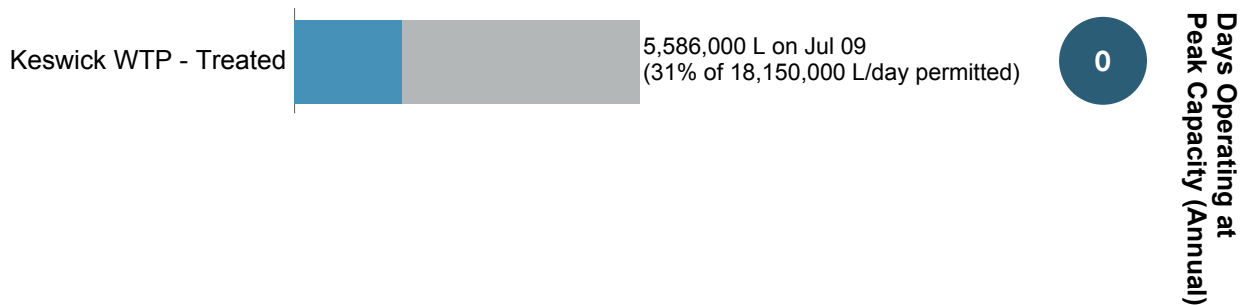
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Keswick DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | King City DWS

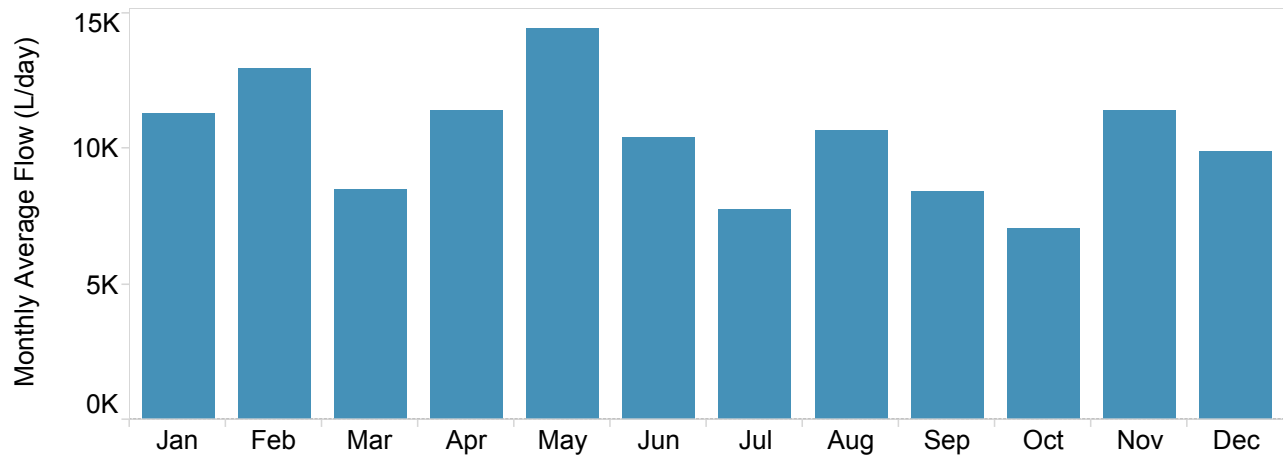
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the King City DWS.

Chlorine	Fluoride	Sodium	Lead
1.71 mg/L	0.56 mg/L	20 mg/L	Not Detected (<0.0005 mg/L)

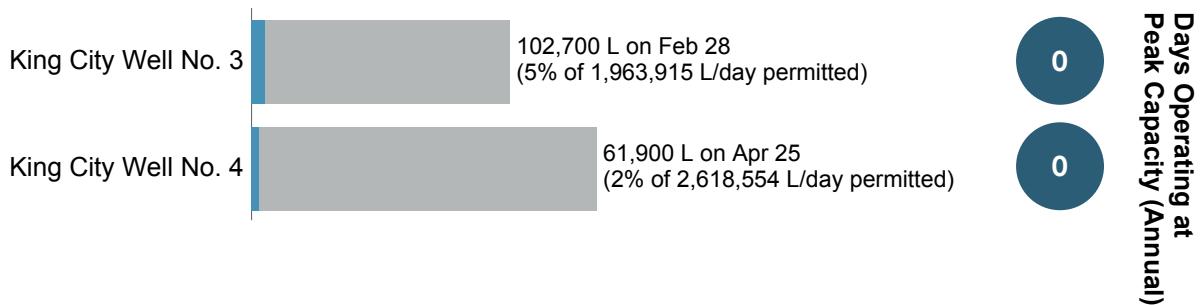
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the King City DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Kleinburg DWS

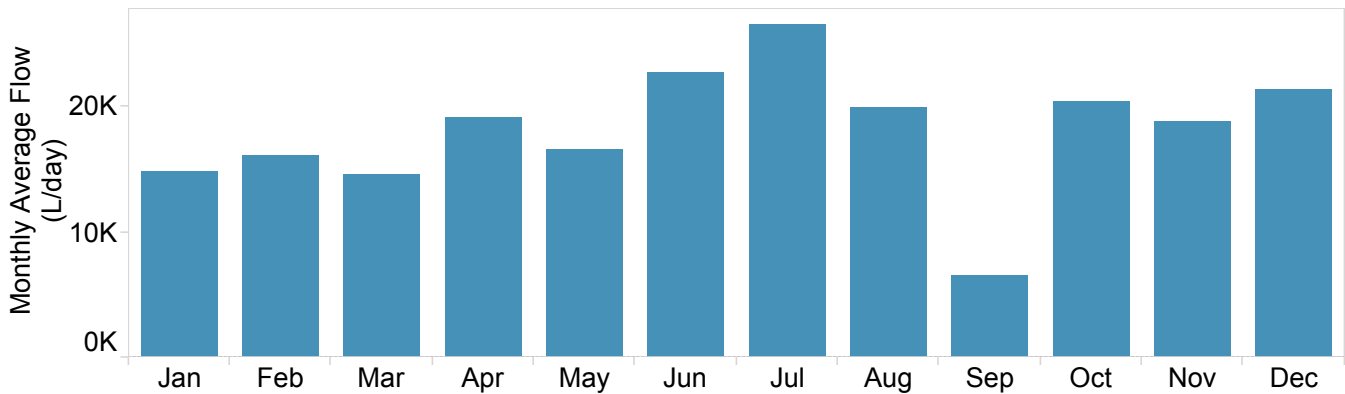
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Kleinburg DWS..

Chlorine	Fluoride	Sodium	Lead
1.70 mg/L	0.37 mg/L	N/A *See York DWS for approximate results	

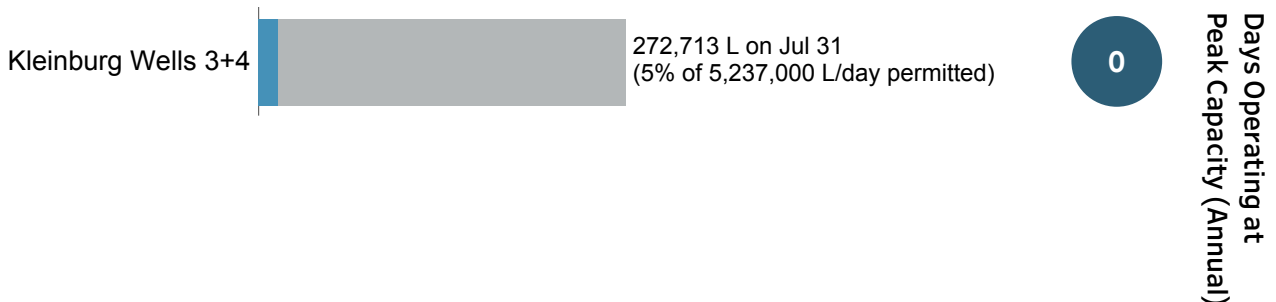
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Kleinburg DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Mount Albert DWS

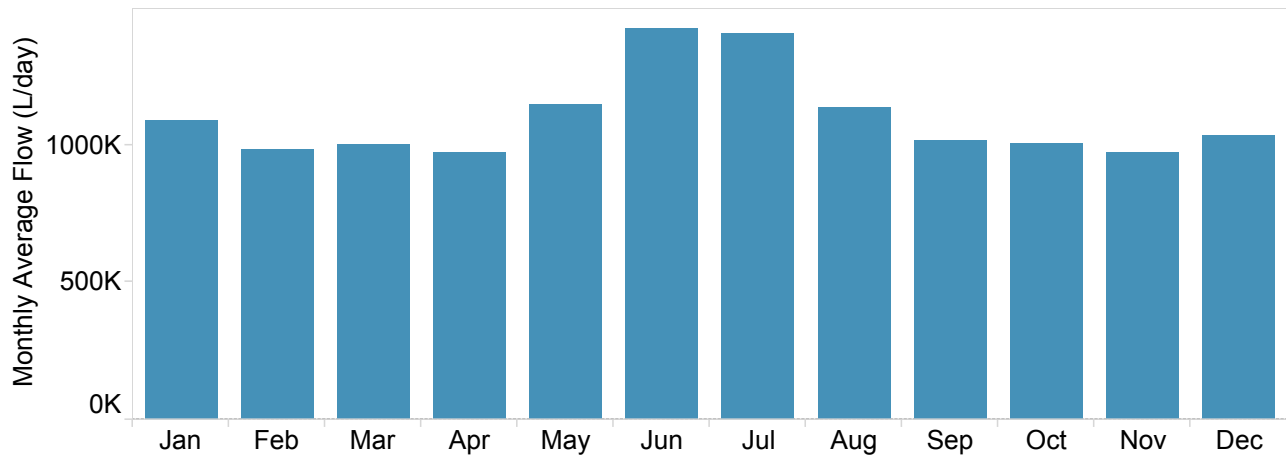
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Mount Albert DWS.

Chlorine	Fluoride	Sodium	Lead
1.41 mg/L	0.06 mg/L	10 mg/L	Not Detected (<0.0005 mg/L)

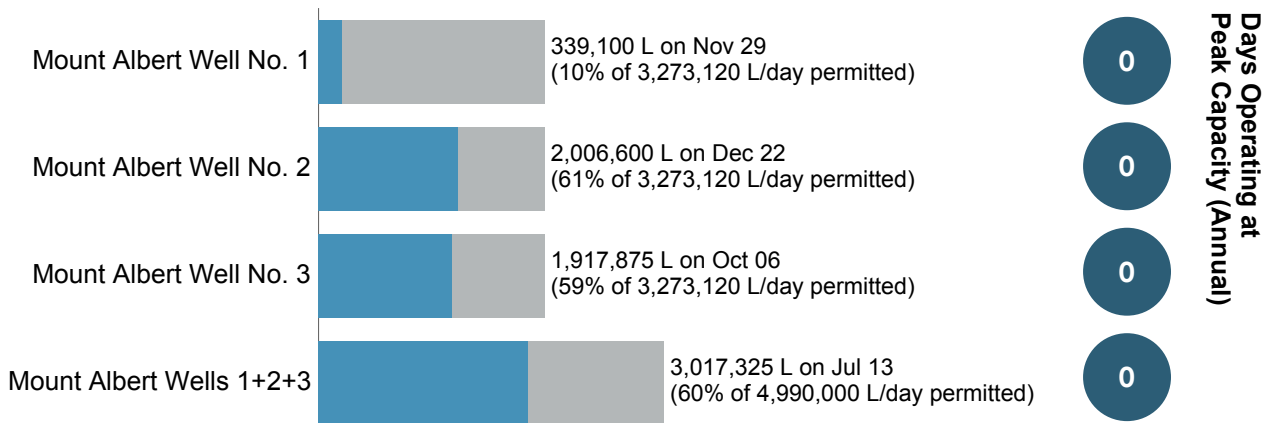
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Mount Albert DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Newmarket DWS

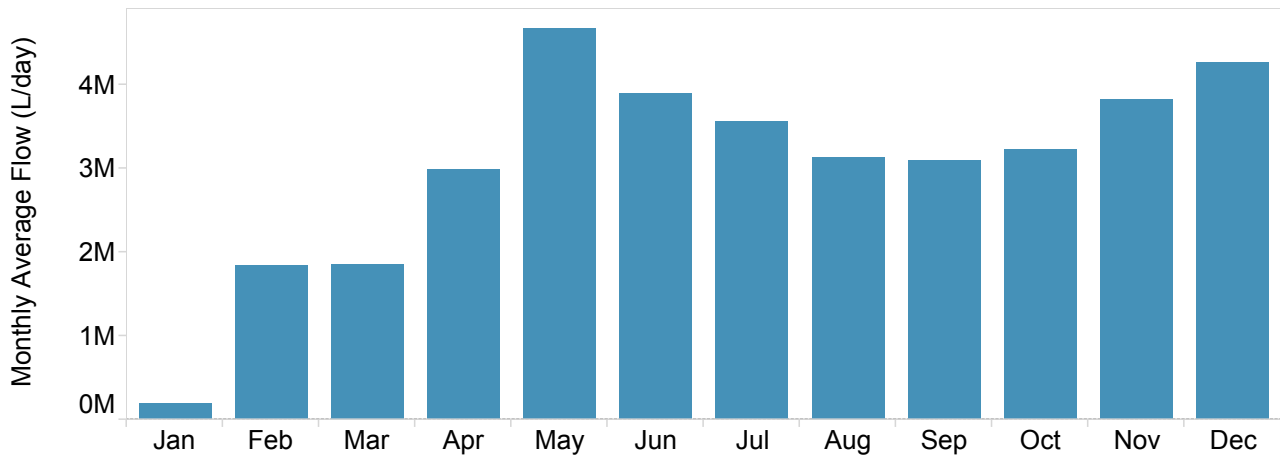
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Newmarket DWS.

Chlorine	Fluoride	Sodium	Lead
2.23 mg/L	0.27 mg/L	21 mg/L	Not Detected (<0.0005 mg/L)

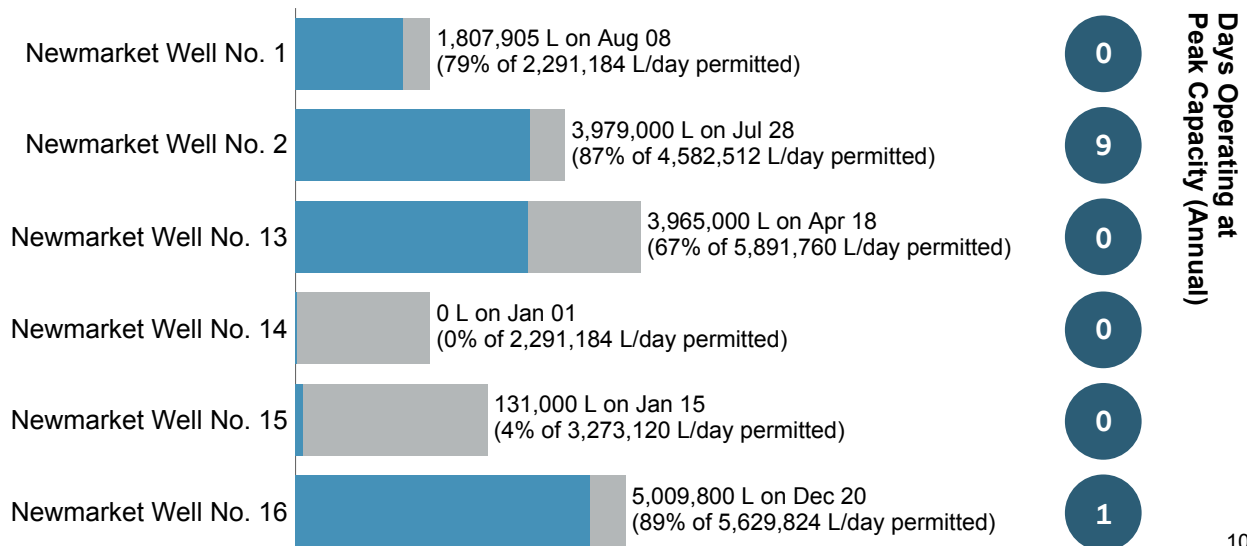
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Newmarket DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Nobleton DWS

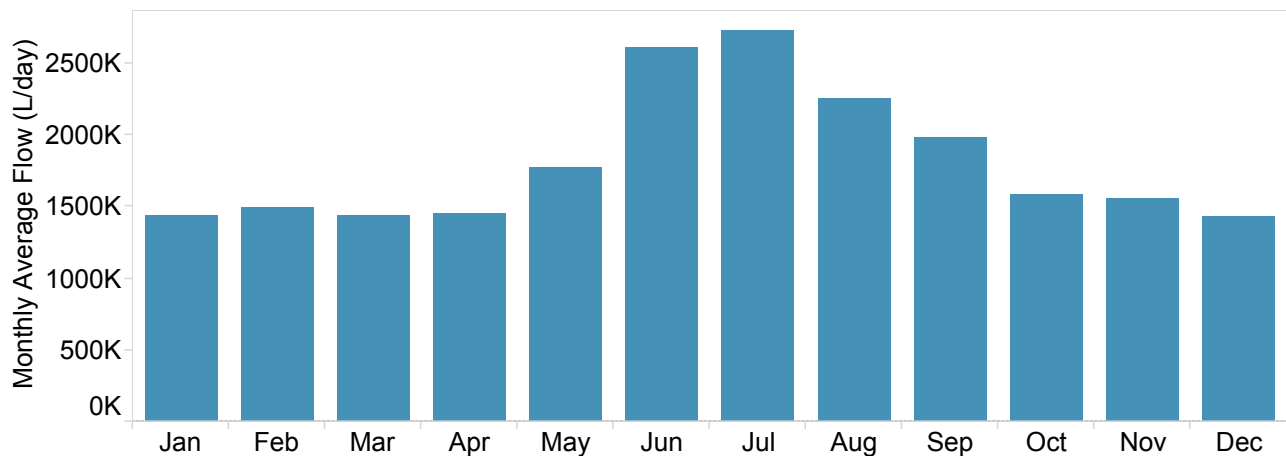
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Nobleton DWS.

Chlorine	Fluoride	Sodium	Lead
1.54 mg/L	0.12 mg/L	17 mg/L	Not Detected (<0.0005 mg/L)

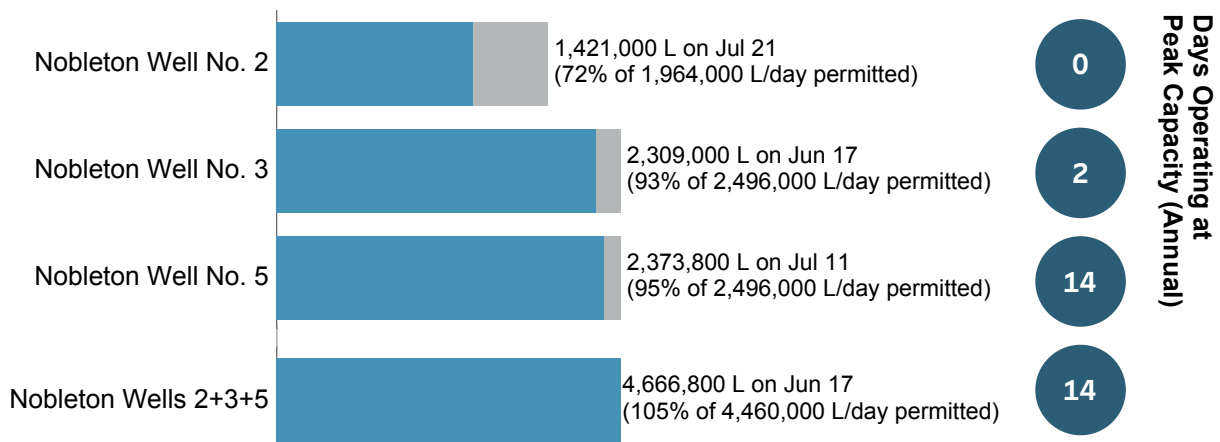
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Nobleton DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Schomberg DWS

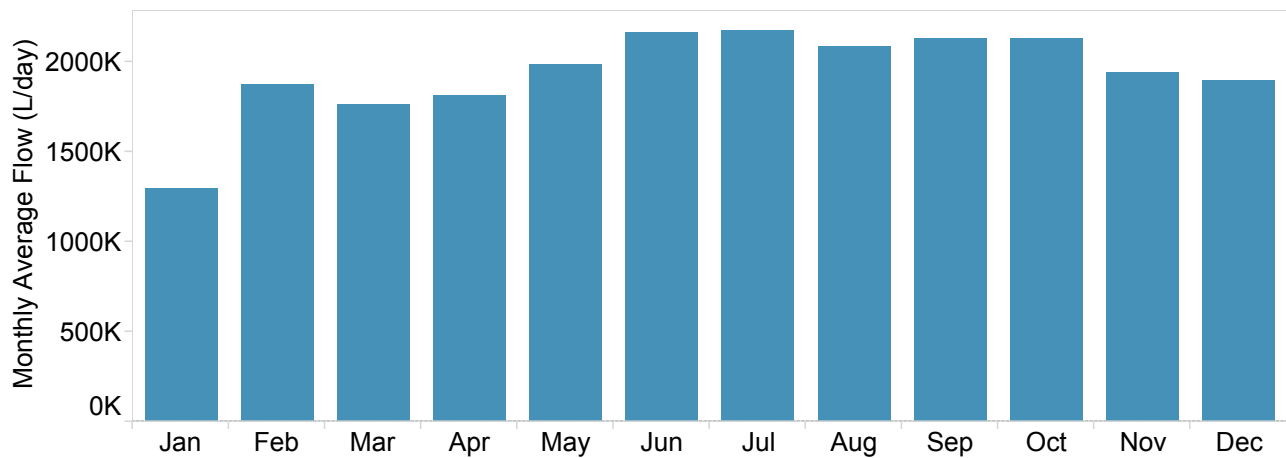
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Schomberg DWS.

Chlorine	Fluoride	Sodium	Lead
2.59 mg/L	0.15 mg/L	20 mg/L	Not Detected (<0.0005 mg/L)

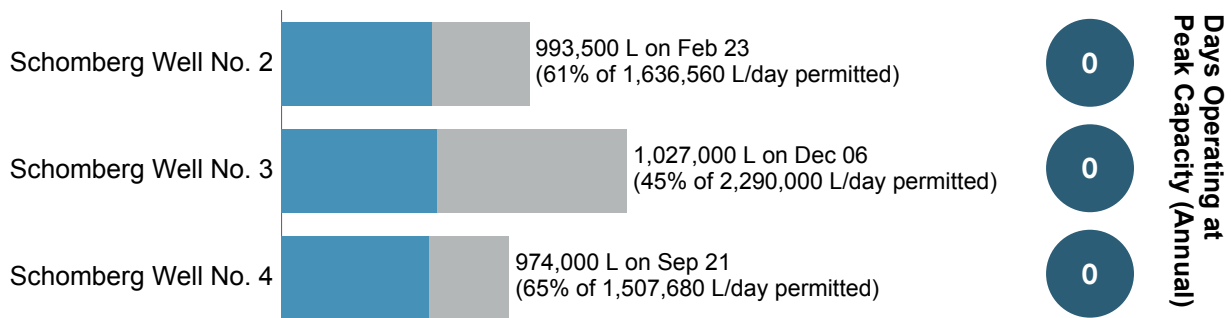
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Schomberg DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Sharon/Queensville DWS

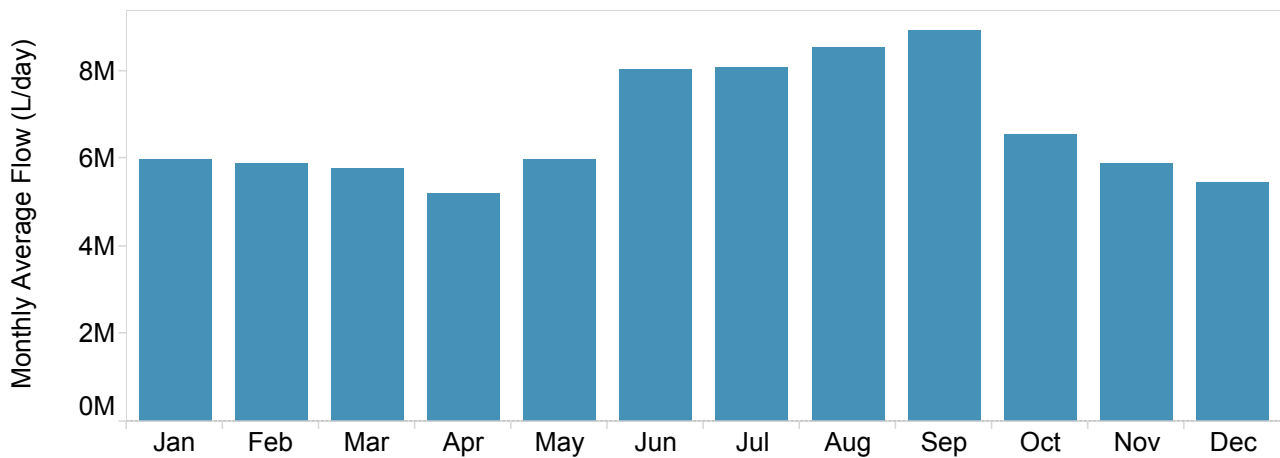
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Sharon/Queensville DWS.

Chlorine	Fluoride	Sodium	Lead
2.41 mg/L	0.20 mg/L	20 mg/L	Not Detected (<0.0005 mg/L)

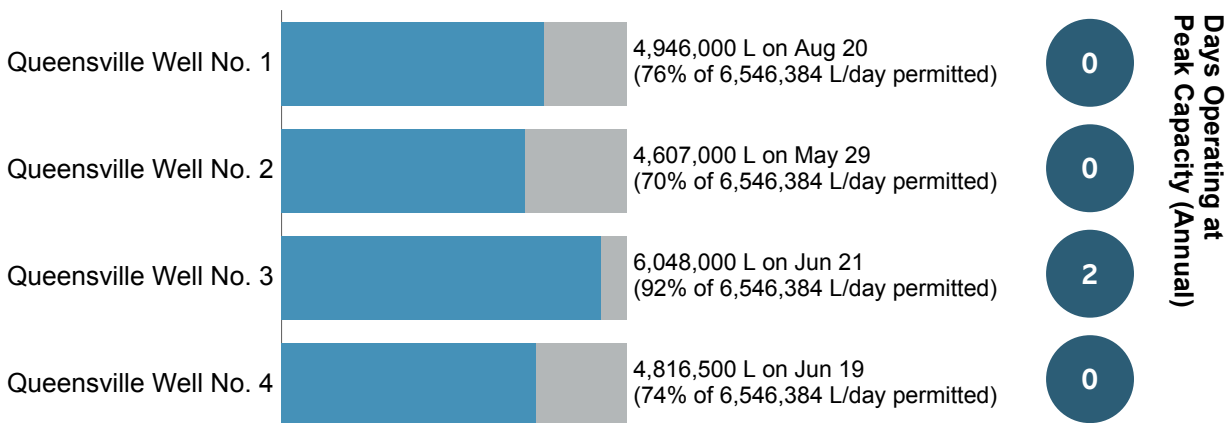
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Sharon/Queensville DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | Stouffville DWS

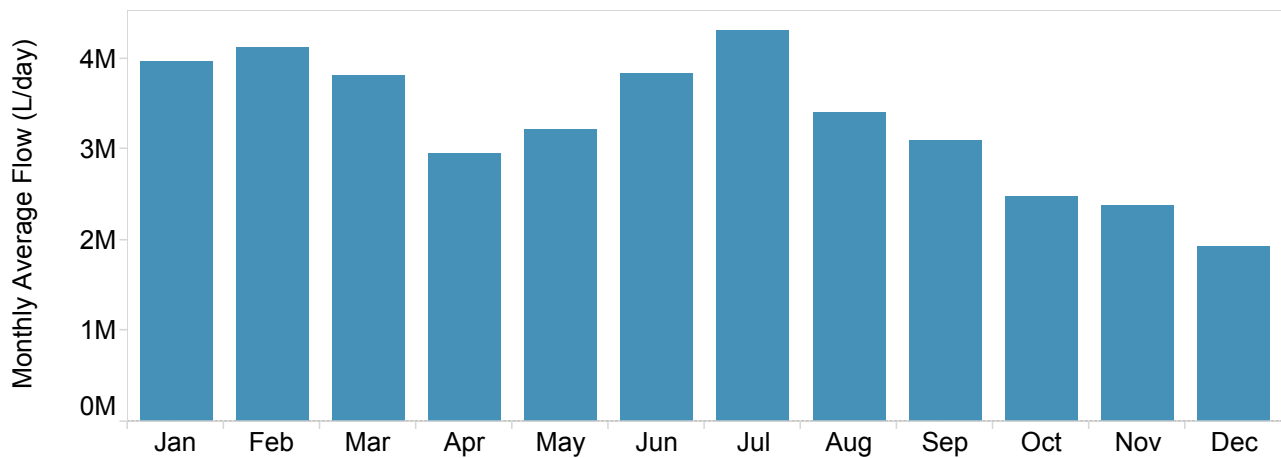
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from treatment and distribution facilities in the Stouffville DWS.

Chlorine	Fluoride	Sodium	Lead
1.43 mg/L	0.10 mg/L	41 mg/L	Not Detected (<0.001 mg/L)

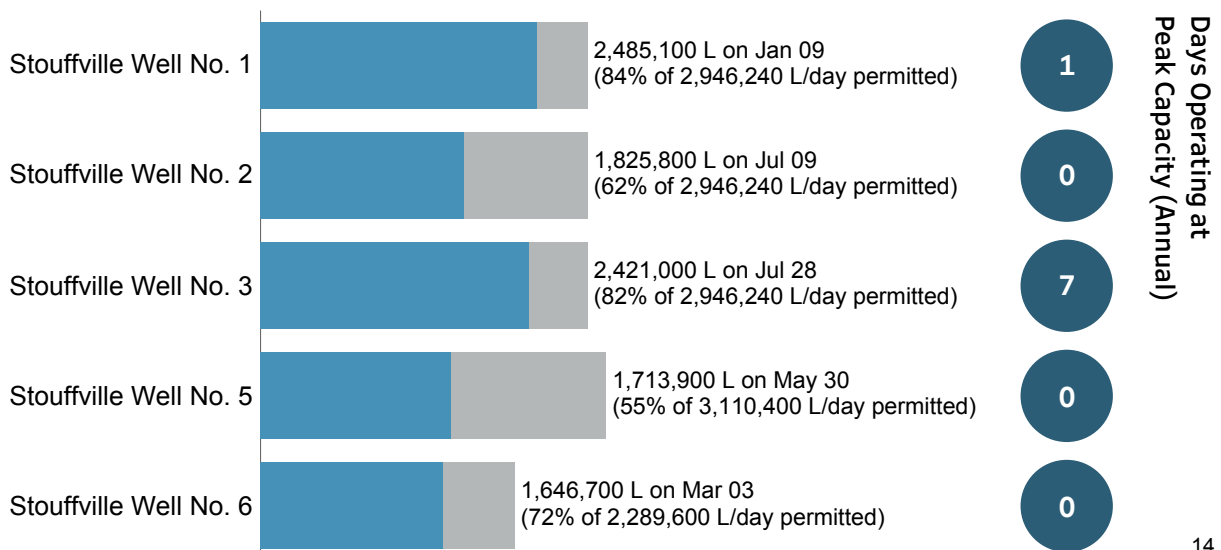
System Monthly Average Flow

The following chart shows the average flow of water produced (treated) in litres per day (L/day) each month in the Stouffville DWS.



Permitted and Actual Maximum Daily Withdrawal

The following chart shows the maximum volume of water produced in a single day from each water supply facility (blue bar) compared to the maximum withdrawal permitted by the Ministry of the Environment, Conservation and Parks (grey bar). Also shown to the right is the number of days where the water supply facilities were operating at peak capacity (80% or more of the permitted withdrawal).



2018 Water Quality & Capacity Summary | York DWS

Vaughan | Richmond Hill | Markham

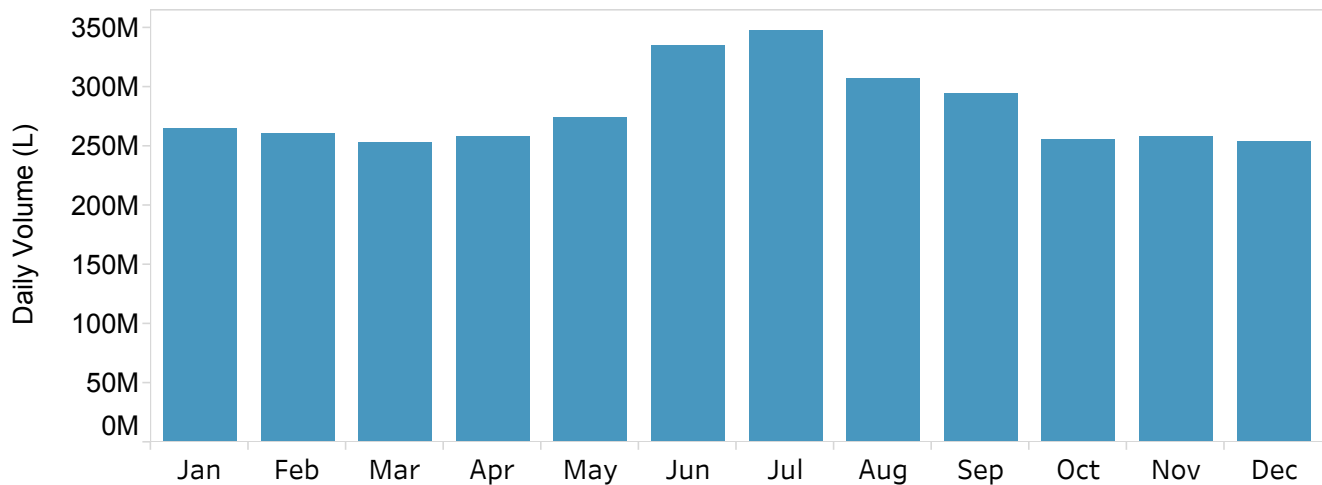
Top Requested Water Quality Parameters

Drinking water is monitored for a wide range of chemical parameters through a combination of continuous monitoring by online analyzers and routine grab samples by operators. The following annual average concentrations in milligrams per litre (mg/L) were reported from distribution facilities in the York DWS.

Chlorine	Fluoride	Sodium	Lead
1.69 mg/L	0.61 mg/L	18 mg/L	Not Detected (<0.0005 mg/L)

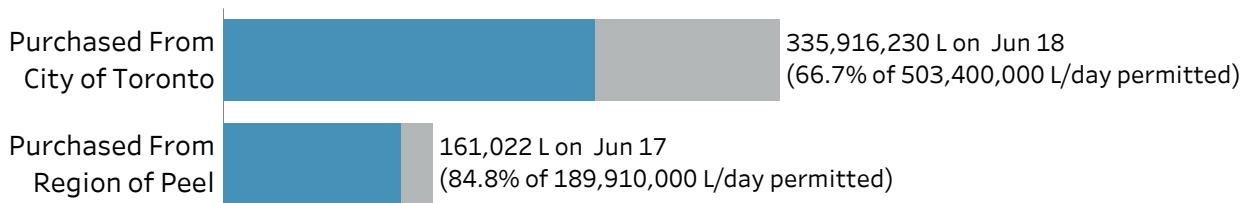
System Monthly Average Flow

The following chart shows the monthly average consumption in million litres per day of purchased Lake Ontario water.



Permitted and Actual Maximum Daily Flow

The City of Toronto and Peel Region supply water to York Region under water supply agreements. The following chart shows the maximum volume of water purchased from each municipality in a single day (blue bar) compared to the maximum flow permitted under the applicable water supply agreement (grey bar).

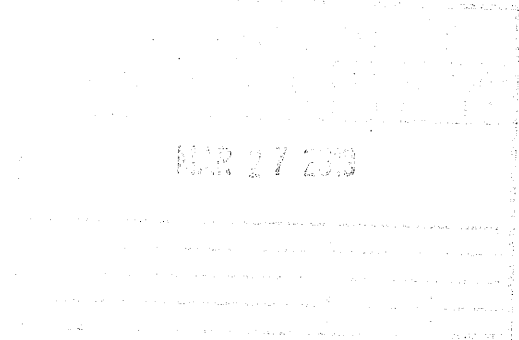


SUMMARY OF 2018 EXPENSES TO INSTALL, REPAIR OR REPLACE REQUIRED EQUIPMENT

System Name	System Monetary Expenses Description	Expenses (\$)
Ansnoerveldt DWS	General maintenance and repair. Operational costs are not reflected in this total.	\$12,404
Aurora DWS	General maintenance and repair, groundwater treatment, pumping station and reservoir upgrade and distribution system maintenance. Operational costs are not reflected in this total.	\$2,187,288
Ballantrae/Musselman's Lake DWS	General maintenance and repair. Operational costs are not reflected in this total.	\$47,341
Georgina DWS	General maintenance and repair and watermain replacement. Operational costs are not reflected in this total.	\$153,506
Georgina DWS (Keswick DW Sub-System)	General maintenance and repair and treatment plant upgrades. Operational costs are not reflected in this total.	\$147,339
Holland Landing DWS	General maintenance and repair and pumping station upgrades. Operational costs are not reflected in this total.	\$72,461
King City DWS	General maintenance and repair, new booster pumping station and elevated tank maintenance. Operational costs are not reflected in this total.	\$268,339
Kleinburg DWS	General maintenance and repair, one elevated tank re-coating and well upgrades. Operational costs are not reflected in this total.	\$35,133
Mount Albert DWS	General maintenance and repair and new standby power generator. Operational costs are not reflected in this total.	\$147,358
Newmarket DWS	General maintenance and repair, elevated tank re-coating and distribution system maintenance. Operational costs are not reflected in this total.	\$2,690,460
Nobleton DWS	General maintenance and repair. Operational costs are not reflected in this total.	\$373,942
Schomberg DWS	General maintenance and repair and treatment plant upgrades. Operational costs are not reflected in this total.	\$231,281
Sharon/Queensville DWS	General maintenance and repair. Operational costs are not reflected in this total.	\$276,471
Stouffville DWS	General maintenance and repair, distribution system maintenance and elevated tank re-coating. Operational costs are not reflected in this total.	\$2,432,369
York DWS	General maintenance and repair, watermain replacement, pumping station upgrades, distribution system maintenance and emergency maintenance. Operational costs are not reflected in this total.	\$17,645,771
Total		\$26,721,463

March 22, 2019

Ms. Kiran Saini
Acting Director of Legislative Services/Town Clerk
Town of Newmarket
395 Mulock Drive, P.O. Box 328
Newmarket, ON L3Y 4X7



Dear Ms. Saini:

Re: 2018 Employment and Industry Report

On March 21, 2019 Regional Council adopted the following recommendation:

1. The York Region 2018 Employment and Industry Report (Attachment 1) be posted on the york.ca and yorklink.ca websites and be circulated by the Regional Clerk to local municipalities, local chambers of commerce, boards of trade, the Workforce Planning Board and Toronto Global.

The original staff report is enclosed for your information.

Please contact Paul Bottomley, Manager, Policy, Research and Forecasting at 1-877-464-9675 ext. 71530 if you have any questions with respect to this matter.

Sincerely,



Christopher Raynor
Regional Clerk

Attachments

The Regional Municipality of York

Committee of the Whole
Planning and Economic Development
March 7, 2019

Report of the Commissioner of Corporate Services and Chief Planner

2018 Employment and Industry Report

1. Recommendation

1. The York Region 2018 Employment and Industry Report (Attachment 1) be posted on the york.ca and yorklink.ca websites and be circulated by the Regional Clerk to local municipalities, local chambers of commerce, boards of trade, the Workforce Planning Board and Toronto Global.

2. Summary

The Employment and Industry Report 2018 provides an overview of industry and business sectors and employment growth trends in the Region primarily based on data collected from the 2018 Employment Survey.

Key Points:

- The 2018 Employment and Industry report identifies key trends in Regional businesses and employment growth
- There were an estimated 636,630 jobs in York Region as of mid-year 2018
- Between 2017 and 2018, York Region employment grew by 15,120 jobs or 2.4%
- York Region surveyed over 34,100 businesses in 2018

3. Background

Understanding Regional business and employment growth trends is important to support economic vitality

Business and job growth are fundamental to York Region's economic vitality. Attracting and retaining high quality, good paying jobs across a broad range of sectors promotes economic resilience and helps ensure those living in York Region have opportunities to work where they live. Each year, the location, type and characteristics of businesses in the Region are tracked and analyzed. The data and analysis identify trends and inform development of Regional policies, programs, marketing initiatives and infrastructure investments.

Data and analysis is shared with Regional Employment Survey organizations to support policy and program development

The data and analysis contained in this report are valuable resources for the Region and local municipalities. The data is used by the Planning and Economic Development branch, other municipal departments, non-profit organizations and private sector groups. Some key uses of the data include supporting preparation of employment growth forecasts used to inform long-term employment land needs, the Region's Development Charges Bylaw, transportation and water and wastewater infrastructure plans, monitoring targets in York Region's Official Plan, identifying economic trends and emerging sectors, and maintaining Regional and local business directories.

York Region's Employment Survey is one of a number of sources of data used to monitor economic trends

Since 1998, the Region has conducted surveys of businesses with a physical location across the nine municipalities. The survey provides qualitative and quantitative data of the Region's businesses that is compared over time to identify trends. Since 2012, the employment survey has been collecting homebased data on a voluntary basis in an effort to report on home-based business trends. Home-based businesses are encouraged to submit information through the York Region website.

The Employment Survey contacts all businesses in York Region

As previously stated in the 2017 Employment and Industry Report, presented at the [2018 Committee of the Whole meeting](#), the Statistics Canada Census and Employment Survey differ in methodologies. There are several key differences between the data gathered in York Region's employment survey and Census data. Statistics Canada released its 2016 Census labour force data on November 29, 2017. According to the 2016 Census there were 532,895 jobs in York Region during the data collection week of May 10, 2016. The York Region employment survey recorded 600,800 jobs during a similar data collection period of May-August 2016, a difference of 67,900 jobs.

The York Region survey gathers information directly from businesses whereas the Census collects data from employees at their place of residence. The Region's survey, therefore, collects data directly from the employment source potentially eliminating error. In addition, the Region's employment survey represents a 100% sample of York Region businesses with a physical location, whereas the Census is based on a 25% sample of employees. Another key difference between the Census and the Employment Survey is the ability for the survey to capture seasonal jobs after May and jobs for people in the labour force who hold multiple jobs, which due to differences in survey methodology, the Census does not capture.

Other information sources used within the report for comparative analysis include Statistics Canada Canadian Business Counts and Labour Force Survey and publicly available announcements regarding business acquisitions in the Region. Details regarding data sources and methodology are contained within Attachment 1.

4. Analysis

NATIONAL, PROVINCIAL AND GREATER TORONTO AREA OVERVIEW

York Region's employment growth outpaced national and provincial averages

The Toronto economic region (represented as the GTA in Table 1) continues to be one of the fastest growing urban areas in Canada. The 2016 Census estimated total employment in the GTA at over 3.5 million jobs. A significant portion of this employment is accommodated within large municipalities in the north, west and central areas of the GTA, including York Region.

At 2.4%, employment growth in York Region outpaced national and provincial employed labour force growth between mid-year 2017 and mid-year 2018, of 1.1% and 2% respectively. Over the past five years York Region has grown at an average annual rate of 2.6%, outperforming average growth rates in the national (1%), provincial (1.2%) and GTA (1.6%) economies. Growth rates in the National economy appear to have peaked and are widely expected to moderate through 2019-2020 according to TD Economics.

Table 1
Comparison of Annual Labour Force and Employment Growth Rates: Canada, Ontario, GTA and York Region, 2013-2018

	Canada	Ontario	Greater Toronto Area ¹	York Region ²
2013-2014	0.5%	0.5%	-1.5%	1.4%
2014-2015	1.0%	1.1%	4.3%	2.6%
2015-2016	0.4%	0.5%	0.9%	3.7%
2016-2017	2.1%	1.8%	1.4%	3.0%
2017-2018	1.1%	2.0%	2.8%	2.4%
5 year Average	1.0%	1.2%	1.6%	2.6%

Source: York Region Planning and Economic Development Branch, 2018 and Statistics Canada's Labour Force Survey, 3-month moving average, unadjusted for seasonality, ending in August 2018

¹Greater Toronto Area labour force employment growth approximated by the Toronto Economic Region

²York Region figures based on 2018 employment survey results and estimates for home-based, farm-based, and no contact businesses

Services-producing sectors are the primary drivers of national, provincial and GTA employed labour force growth

Between mid-year 2017 and mid-year 2018, national employment increased by 1.1% (202,900 jobs), compared to 2.1% or 378,200 jobs from 2016 to 2017. Employment growth in services-producing sectors such as educational services and transportation were the primary drivers of this growth. Labour force employment in Ontario increased by 2% (142,300 jobs). Similar to national employment gains, the majority of the province's growth was driven by employment in services-producing industries including transportation and warehousing and educational services.

GTA employed labour force growth, also driven primarily by services-producing sectors, was stronger at 2.8% (97,500 jobs). The services-producing sectors recorded an increase of 73,200 jobs, with educational services, finance, insurance, real estate and accommodation and food services leading sectoral growth. The goods-producing sectors experienced an increase of 24,300 jobs overall with the construction sector driving most of this growth (+17%).

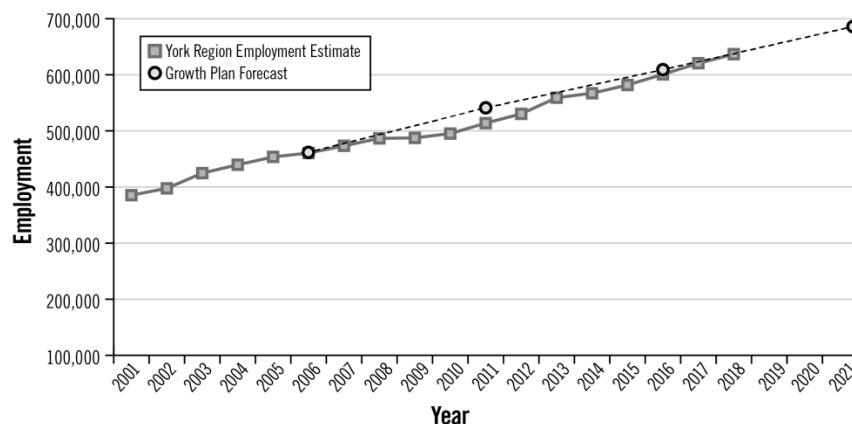
YORK REGION EMPLOYMENT

York Region employment continues to grow at a steady pace

According to York Region's employment survey, employment rose to an estimated 636,630 jobs in 2018, an increase of 2.4% or 15,120 jobs from 2017. This total includes surveyed employment figures from contacted firms, 2016 census of agriculture jobs and estimates for work at home employment and businesses the Region was unable to contact.

Figure 1

York Region Total Employment Estimate 2001-2018 and 2006 Growth Plan Employment Forecast



Source: York Region figures based on employment survey results and estimates for home-based, farm-based, and no contact businesses and 2006 Growth Plan Employment Forecast Amendment 2.

Note: Historical employment figures were revised from those released in previous Employment and Industry reports based on updated information.

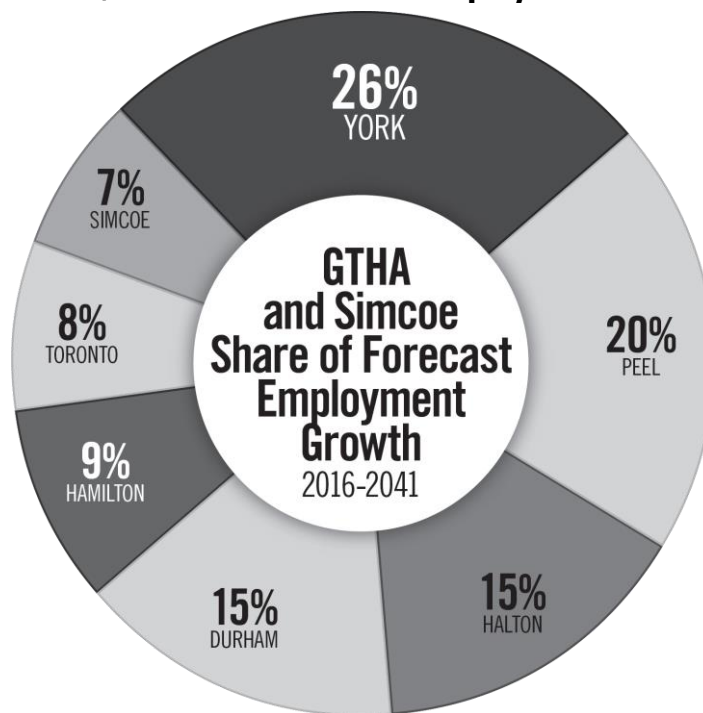
Since 2001, York Region’s employment has grown by over 250,000 jobs (Figure 1), representing a strong average annual growth rate of 3%. This balanced rate of growth continues to align with the population growth rate for the same time period (3%) and provides job opportunities for existing and future York Region residents. Balanced growth assists in maintaining the Region’s activity rate where the goal is to have a ratio of total employment to population of 1 job for every 2 residents. The Region’s activity rate has been increasing since 2010 and is currently 51.9%.

York Region is on track to meet or exceed the Growth Plan’s 2041 employment forecast

According to the 2017 Provincial Growth Plan, York Region is expected to reach a total of 900,000 jobs by 2041. This represents a 26% share of the total employment growth within the Greater Toronto and Hamilton Area (GTHA) and Simcoe (Figure 2). At 636,630 estimated jobs in 2018, an additional 263,370 jobs or approximately 11,450 jobs annually are required to meet the 2041 employment target. Over the past five years, the Region has added on average 15,000 jobs annually.

Figure 2

GTHA & Simcoe, Share of Forecasted Employment Growth to 2041



Source: Statistics Canada Census Data, 2016
Growth Plan for the Greater Golden Horseshoe, 2017, Schedule 3

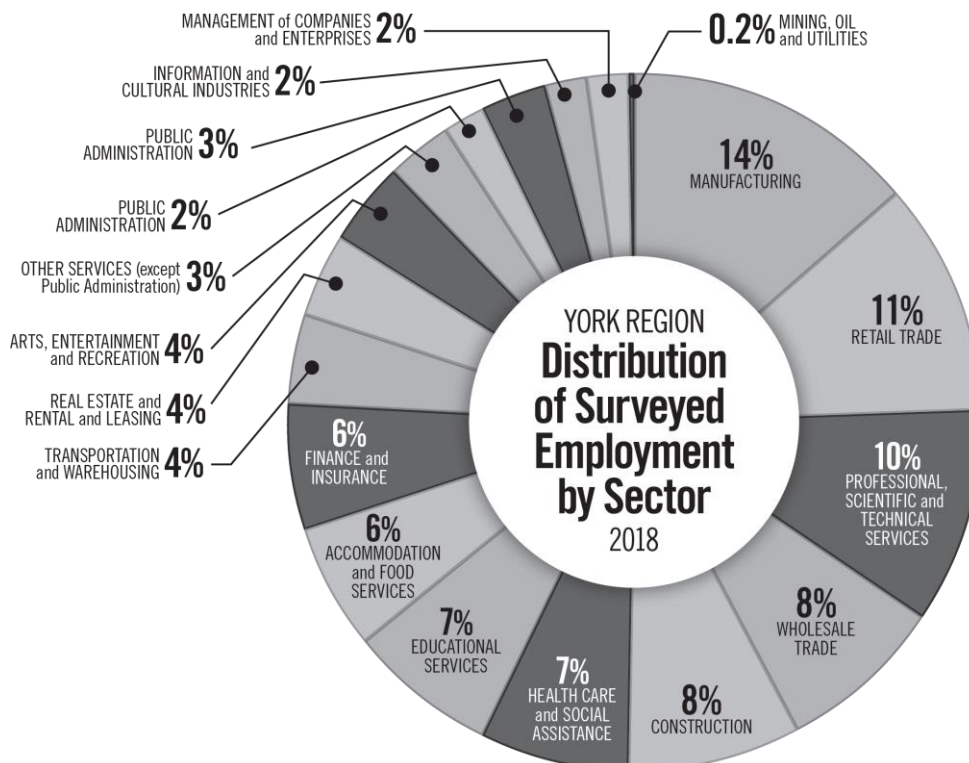
York Region has a diverse and resilient economy

York Region has a diverse economic base with employment across a broad range of sectors. This is vital to maintaining the Region's resiliency to any future economic downturn.

According to the York Region employment survey, manufacturing, retail trade, and professional, scientific and technical services sectors accounted for the largest shares of surveyed employment in 2018. Figure 3 demonstrates the diversity of the Region's employment base.

Figure 3

York Region Distribution of Surveyed Employment, 2018



Source: York Region Planning and Economic Development Branch, 2018 Employment Survey

Contract/Seasonal/Temporary employment steadily increased over the last decade

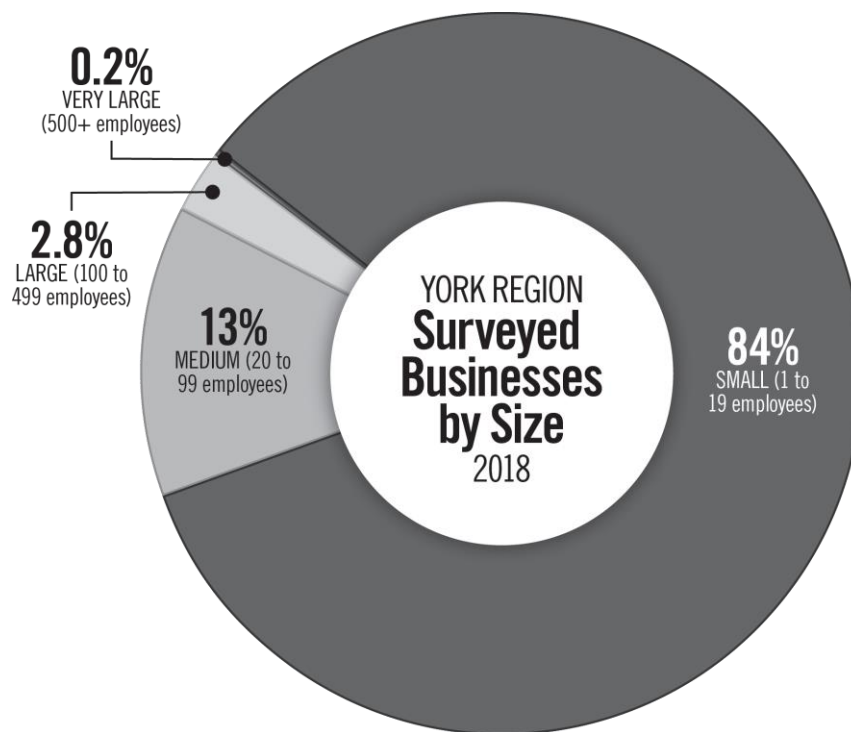
Contract/seasonal/temporary employment continues its trend of being the fastest growing type of work with an increase in share from 5% in 2008 to 15% in 2018, representing growth of 55,700 jobs during this time. Over the same decade the share of full-time employment decreased from 76% to 67% (+50,800 jobs). Part-time workers increased by 19,500 during the past decade; however its share of employment declined slightly from 19% to 18%. Although full time employment remains strong, the steady increase of

contract/seasonal/temporary employment is indicative of the shifting job market as trends in non-usual places of work and contract independent workers start to play a more prominent role in the economy.

Over 80% of the Region’s business community is made up of small businesses

According to the Statistics Canada Business Counts database, York Region is home to over 52,700 business establishments in industries such as information and communications technology, consumer goods and life sciences. York Region surveyed over 34,000 businesses with a physical location in 2018, an increase of 7,300 businesses from the 2008 survey. Small businesses (1-19 employees) account for the largest share of the Region’s businesses at 84% or 28,540 businesses in 2018 (Figure 4). This total share is in line with the share of small businesses throughout the Province and across Canada and is indicative of the important role of small business and entrepreneurship in York Region’s economy. While the share of very large businesses is relatively small at 0.2% of the Region’s total number of establishments, the number of very large businesses has grown by almost 30% over the last 5 years (from 51 to 66 businesses).

Figure 4
York Region Surveyed Business by Size, 2018



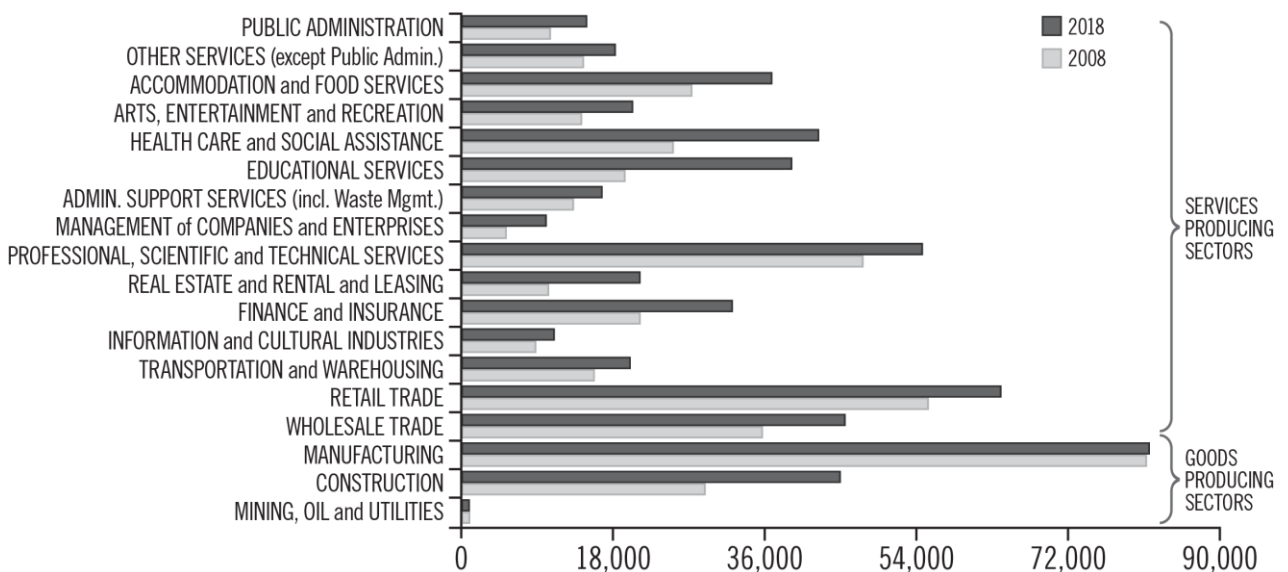
Source: York Region Planning and Economic Development Branch, 2018 Employment Survey

YORK REGION SERVICES-PRODUCING SECTORS

Strong job growth experienced by key knowledge-based sectors in York Region

Similar to national and provincial trends, the York Region economy continues to undergo a shift toward more knowledge-based, service-oriented jobs. Over the past ten years, employment in services-producing sectors increased by 3.2% on an average annual basis, adding 122,580 jobs to the Region's employment base (Figure 5). Comparatively, employment in the goods-producing sectors grew at a more moderate pace of 1.4% annually, adding 16,340 jobs.

Figure 5
York Region Surveyed Employment by Sector, 2008-2018



Source: York Region Planning and Economic Development Branch, 2018 Employment Survey

In the last ten years employment growth has occurred broadly across all sectors, with the exception of mining, oil and utilities. There has been a long and steady decline in the rate of growth within the goods-producing sectors, particularly manufacturing. This has been offset by growth in the services-producing sectors, particularly within the educational services, health care, social assistance, finance, and insurance sectors.

Key trends observed in the services-producing sectors over the last 10 years include the following:

- The real estate sector was the fastest growing sector with an average annual increase of 7.4%, increasing by 10,850 jobs
- Educational services sector has doubled the number of jobs, adding over 19,700 jobs at an average annual increase of 7.3%

- The professional, scientific, and technical services sector has added over 7,000 jobs at an average annual increase of 1.4%
- Finance and insurance sector has increased at an average annual rate of 4.2% adding approximately 11,000 jobs
- Health care and social services sector has had an average annual growth rate of 5.4%, adding over 17,000 jobs

Key trends observed in the goods-producing sectors over the last 10 years include the following:

- Manufacturing continues to hold the largest share of employment in the Region at 14%. The 2008-09 recession significantly impacted the manufacturing sector, however manufacturing employment has since increased by 7,120 jobs
- The construction sector has demonstrated strong growth since 2008, adding over 16,000 jobs to the Region, growing at an average annual rate of 4.5%
- Food and beverage subsector accounts for 9% of the manufacturing sector and has increased by over 50%, adding 2,350 jobs

York Region is investing to support growth

York Region's Economic Development Action Plan addresses key economic challenges and opportunities facing York Region and translates them into innovative economic growth areas. Additionally, the York Region Official Plan policies for complete communities, affordable housing and employment are to ensure the Region attracts growth and is a place where residents can work, live and play. Along with the initiatives identified in the Action Plan and policies in the YROP, the Region continues to make investments to support business growth and innovation. Some examples of these investments are:

- The York Link branding office marketing and communication plan supports business attraction in our centres and corridors and business parks
- The Vaughan Metropolitan Centre subway station in York Region is critical to support and create desirable business locations
- The construction of VIVA, and two-way all day Regional Express Rail to GO Transit stations to York Region will greatly improve the level of service and attract businesses and workers

Business and job growth in the Region is also supported by major transit investments, particularly in the Region's Centres and Corridors. The Regional Official Plan vision for Regional Centres and Corridors is to achieve the most intensive and greatest mix of development in the Region. The Centres and Corridors are supported by over \$3.6 billion in transit infrastructure investment. As the Region's urban structure continues to evolve and

Regional Centres and Corridors mature, York Region will continue to be competitive as a top business location in the Greater Toronto Area.

Many Factors Contribute to Economic Growth

York Region continues to be a top destination in the Toronto area and Canada for business, talent and investment. York Region contains one of the largest business hubs in the GTA. The Region's location in the GTA is also strategic for goods movement, with close proximity to Toronto Pearson Airport and home to both the CP intermodal facility and CN MacMillan rail yard. York Region also has a strong network of 400-series highways connecting the Region to broader provincial and national markets and the United States border. Locally, the Spadina Subway extension (Line 1) to Vaughan provides a direct rapid transit connection to downtown Toronto.

The Region's economy is underlined by core attributes of strong population and employment growth, skilled labour force, high quality of life that attracts top global talent, established and diversified industry clusters, major infrastructure and transportation investments and locational and accessibility factors among others. Housing options and affordability may be a factor in attracting new businesses, retaining existing businesses and attracting a labour force looking for close proximity to work. The Region works with the local municipalities to ensure a wide variety of housing options at varying levels of affordability are available.

Data and analysis from the Employment and Industry Report 2018 is linked to the Regional Municipal Comprehensive Review

The employment survey data provides information that will be used to prepare a series of reports relating to planning for employment. Reports will be brought forward to Council throughout 2019 and early 2020 commenting on the following:

- A detailed analysis on historical employment trends in York Region
- Future employment trends in York Region
- Updated employment policies and mapping in the Official Plan designating employment areas
- Consideration of requests for employment land conversions

The Employment Survey supports the 2015-2019 Strategic Plan, Vision 2051 and Regional Official Plan

Annual reporting on detailed employment and sectoral analysis enables informed decisions and implementation of initiatives that enhance economic vitality and foster an innovative economy. Data collected is used to support monitoring of employment targets in the Regional Official Plan. Economic research and analysis is a program focus area within the Economic Development Action Plan. Data from the employment survey assists in measuring outcomes of action areas in the Plan including the Office Attraction Strategy which tracks office development and tenant activity in York Region and the Workforce/Labour Force

Development action area. These strategies have influenced job growth and attracted a number of businesses in the Centres and Corridors.

5. Financial

Work related to generation and analysis of employment data is completed by internal resources and all costs are addressed in the approved Planning and Economic Development branch budget. The annual employment survey is conducted in partnership with the nine local municipalities, at a shared cost.

6. Local Impact

Local municipalities use the information and analysis generated in the Employment and Industry report to identify and report economic trends, assist in developing business retention and expansion strategies, produce local business directories and inform employment land strategies. Information from the York Region employment survey was collected with the assistance and support of all nine local municipalities including financial assistance and survey promotion. The results, including a detailed database, are provided to each municipality for their use.

7. Conclusion

The 2018 Employment and Industry report identifies key trends in Regional businesses and employment growth. York Region has a large, diverse economy with strong growth experienced in recent years primarily in the services-producing sectors as well as more moderate growth in the goods-producing sectors. According to York Region's employment survey, employment rose to an estimated 636,630 jobs in 2018 (by 2.4%). This sustained employment growth continues to diversify the Region's economy and promote economic resilience, vitality and liveability.

For more information on this report, please contact Paul Bottomley, Manager, Policy, Research and Forecasting at 1-877-464-9675 ext. 71530. Accessible formats or communication supports are available upon request.

Recommended by: **Paul Freeman, MCIP, RPP**
Chief Planner

Dino Basso
Commissioner of Corporate Services

Approved for Submission: **Bruce Macgregor**
Chief Administrative Officer

February 22, 2019
Attachment (1)
eDOCS# 9116740

2018 EMPLOYMENT & **INDUSTRY** REPORT

A detailed overview of industry and employment trends in York Region

MARCH 2019



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INTRODUCTION



HIGHLIGHTS

- There were an estimated **636,630 jobs** in York Region as of mid-year 2018
- Between 2017 and 2018, York Region employment grew by **15,120 jobs** or **2.4 per cent**
- **66 per cent** of York Region's surveyed employment was full-time
- **78 per cent** of surveyed employment in York Region is in services-producing sectors
- The manufacturing, retail trade, and professional, scientific and technical services sectors continue to hold the largest shares of surveyed employment in 2018
- The educational services sector recorded the largest employment gain in terms of absolute growth increasing by **6,870 jobs**
- York Region surveyed **34,100 businesses** in 2018
- The number of surveyed businesses that employ **500 or more employees** grew by **29 per cent** between 2013 and 2018

Each year the location, type and characteristics of businesses in the Region are tracked and analyzed primarily through the York Region Employment Survey program. Since 1998, the Region has conducted an industry wide survey of businesses across the nine municipalities annually. The data is collected from May-August and is aggregated for reporting and monitoring. The employment survey provides a snap shot of the Region's businesses that can be compared over time to identify trends. This type of information is important as it provides many market indicators and trend analysis that informs the development of Regional policies, programs, marketing initiatives and infrastructure investments.

Business and job growth are fundamental to York Region's economic vitality. Attracting and retaining high quality, good paying jobs across a broad range of sectors promotes economic resilience and helps ensure those living in York Region have the opportunity to work and thrive where they live. *The Employment and Industry Report 2018* provides an economic overview of the Region's business and job growth.

Other sources of information used within the report include Statistics Canada's Labour Force data, Canadian Business Counts data, Census of Agriculture and 2016 Census data. Further details regarding data sources and methodology are contained within appendices A and B.



↻ As of mid-year 2018,
York Region's total
employment was
estimated to be
636,630 jobs.



NATIONAL and PROVINCIAL OVERVIEW

In 2018 York Region job growth outpaced national, and provincial labour force employment growth

TABLE 1 - Comparison of Annual Employment Growth Rates: Canada, Ontario, Greater Toronto Area (GTA) and York Region, 2018

	Canada	Ontario	Greater Toronto Area ¹	York Region ²
2013-2014	0.5%	0.5%	-1.5%	1.4%
2014-2015	1.0%	1.1%	4.3%	2.6%
2015-2016	0.4%	0.5%	0.9%	3.7%
2016-2017	2.1%	1.8%	1.4%	3.0%
2017-2018	1.1%	2.0%	2.8%	2.4%
5 year Average	1.0%	1.2%	1.6%	2.6%

Source: York Region Planning and Economic Development Branch and Statistics Canada's Labour Force Survey, 3-month moving average, unadjusted for seasonality

Notes: ¹ Greater Toronto Area labour force employment growth approximated by the Toronto Economic Region

² York Region figures based on 2018 employment survey results and estimates for home-based, farm-based, and no contact businesses.

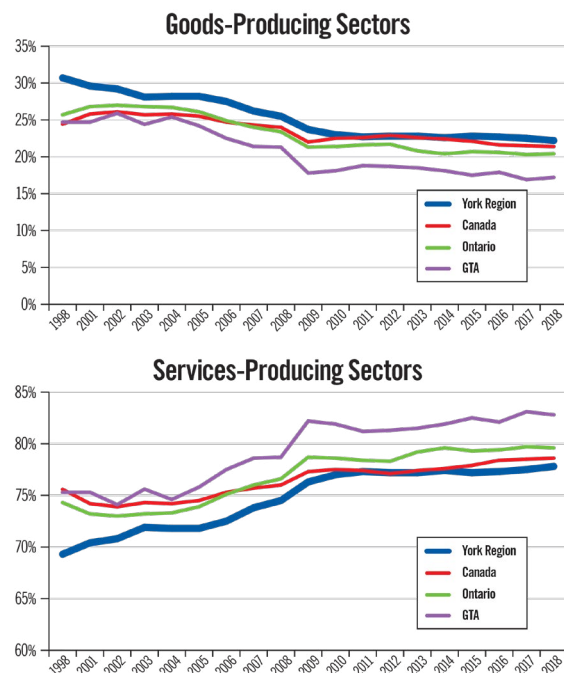
The Statistics Canada's labour force data provides a broad overview of employment trends at the national, provincial and GTA levels. Direct comparisons should not be made when comparing the Statistics Canada's labour force data to York Region's employment survey data.

York Region employment growth outpaced national and provincial labour force employment growth between mid-year 2017 and mid-year 2018, posting a gain of 2.4 per cent, compared to a **3 per cent** growth rate in 2017 (Table 1).

According to the Statistics Canada Labour Force Survey, Ontario (2 per cent) and The Greater Toronto Area (GTA) (2.8 per cent) posted higher labour force employment growth between mid-year 2017 and mid-year 2018 compared to the same time period from 2016 to 2017 (1.4 per cent). Canada's labour force growth rate decreased from 2.1 per cent to **1.1 per cent**.

It is important to note that while Statistics Canada's labour force data is useful for trend analysis, there are high levels of variability in the data and the information is not directly comparable to York Region's employment estimate. The labour force survey represents GTA residents of working age who may or may not work in the GTA. The annual York Region employment survey data records the number of jobs in the Region and is comprised of working age individuals who work in York Region and who may or may not be residents of the Region.

FIGURE 1 - Distribution of Goods and Services Producing Employment, Canada, Ontario, GTA, York Region, 1998-2018



Source: York Region figures based on 2018 employment survey results. Canada, Ontario and GTA figures based on Statistics Canada Labour Force Survey, 3-month moving average, unadjusted for seasonality, ending in August 2018

Services-producing industries continue to grow steadily in York Region, provincially, and nationally

Since 1998, the share of service-oriented jobs for Canada, Ontario, the GTA and York Region has shown steady growth (Figure 1). In comparison, the share of employment in the goods-producing sectors has shown a gradual decline over time. Yet, York Region has consistently held a larger share of goods-producing employment than Canada, Ontario and the GTA.



NATIONAL and PROVINCIAL OVERVIEW

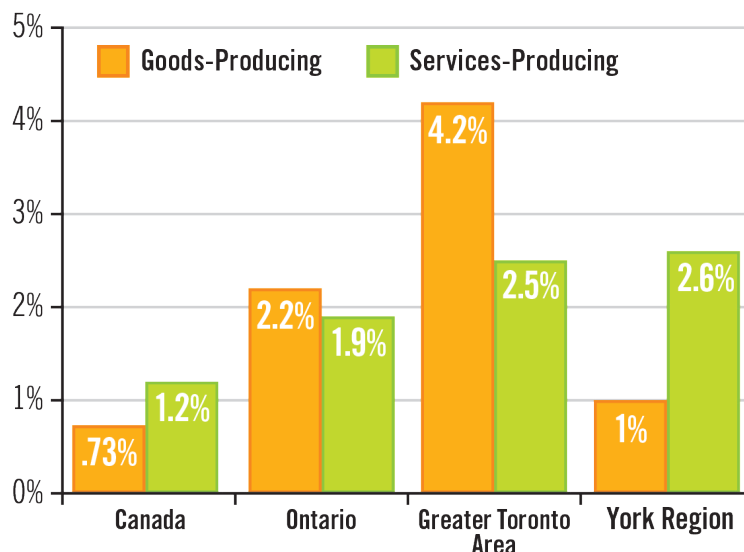
Between mid-year 2017 and mid-year 2018 York Region, the GTA, Canada and Ontario all experienced growth in the goods-producing sectors (Figure 2). The increase for the GTA occurred mainly in the forestry/fishing/mining, utilities and construction sectors. This is in contrast compared to the previous year's figures where the GTA posted a **4.1 per cent decrease** in goods-producing sectors. Canada's services-producing industries increased by almost **1 per cent** over the year with strong growth in the educational services subsector (**+58,700 jobs, 5.2 per cent growth**), transportation and warehousing subsector (**+42,200 jobs, 4.4 per cent growth**), and the other services subsector (**+26,700 jobs, 3.4 per cent growth**).

Overall, employment in Ontario increased by **142,300 jobs** or **2 per cent** from mid-year 2017 to mid-year 2018. An increase in employment was experienced in most of the good-producing sectors, with the exception of manufacturing that posted a modest decrease of **0.5 per cent**. Within the services-producing industries, Ontario's growth followed a similar pattern of overall Canadian trends with transportation and warehousing the leading growth sector at **11.7 per cent (+39,500 jobs)**. This was followed by other services with **8.4 per cent growth (+23,000 jobs)** and educational services growing by **7.8 per cent or (34,500 jobs)**.

Total GTA employment increased by **97,600 jobs** or **2.8 per cent**. The GTA's goods-producing sector increased sharply from the previous year, at **4.2 per cent**, a gain of **24,400 jobs**. The subsectors posting the largest growth in the GTA included construction (**+36,600 jobs, 17.3 per cent growth**), the educational services sector (**+27,900 jobs, 14.1 per cent growth**) and accommodation and food services (**+22,700 jobs, 10.5 per cent growth**).

There has been a long and steady decline in the goods-producing sectors, particularly manufacturing. The decline of these jobs has been offset by the growth in the services-producing sectors, particularly within the educational services, health care and social assistance and finance and insurance sectors. Overall growth rates in the National economy appear to have peaked and are widely expected to moderate through 2019-2020 according to TD Economics.

FIGURE 2 - Employment Growth Rates for Goods and Services Producing Sectors, Canada, Ontario, GTA and York Region, 2017-2018



Source: York Region figures based on 2017 employment survey results. Canada, Ontario and GTA figures based on Statistics Canada Labour Force Survey, 3-month moving average, unadjusted for seasonality.

YORK REGION EMPLOYMENT ANALYSIS

York Region employment was estimated at 636,630 jobs for 2018

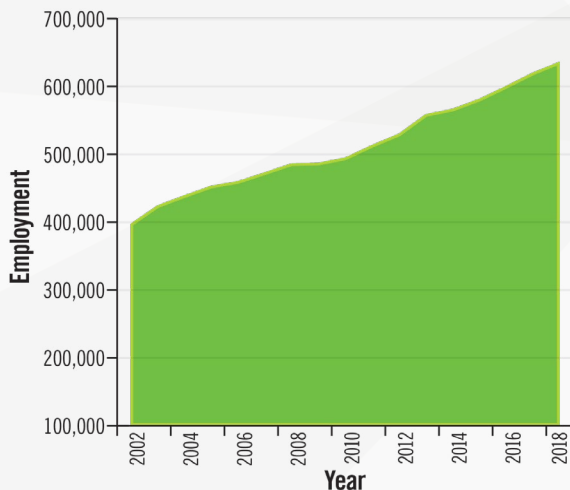


TABLE 2 - York Region Total Employment Estimate 2018

York Region Total Employment Estimate 2018	
Surveyed Employment	576,255
No Contact Estimate	5,975
Agriculture	3,255
Work at Home Estimate	51,145
Total	636,630

Source: York Region Planning and Economic Development Branch Employment Survey, 2018

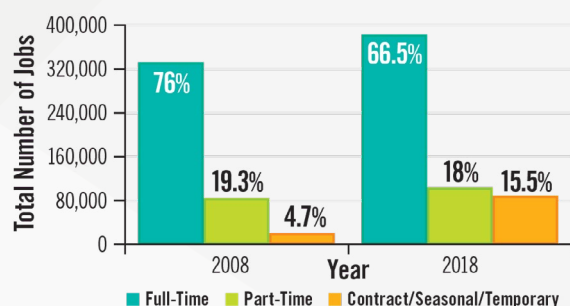
FIGURE 3 - York Region Estimated Total Employment Growth, 2001-2018



Source: Employment figures are based on York Region's estimated total employment 2001-2018.

Note: York Region figures based on employment survey results and estimates for home-based, farm-based, and no contact businesses. Historical employment figures were revised from those released in previous Employment and Industry reports based on updated information.

FIGURE 4 - York Region Surveyed Employment by Type of Worker, 2008 and 2018



Source: York Region Planning and Economic Development Branch Employment Survey, 2018

As of mid-year 2018, the Region's total employment was estimated to be **636,630 jobs**. This estimate includes job totals from contacted firms, census of agriculture jobs, estimates for work at home employment and for businesses that the Region was unable to contact.

Table 2 outlines how the 2018 total employment estimate was derived.

York Region continues to be one of Canada's fastest growing municipalities and over the last five years the average annual growth in employment and number of businesses has been approximately **5 per cent**. Since 2001, the Region's employment has grown by over **250,000 jobs** representing a strong average annual growth rate of **3 per cent** (Figure 3). This number aligns with the Region's annual population growth rate during the same time period (3 per cent). A balanced rate of growth in population and employment provides job opportunities for both existing and future York Region residents.

YORK REGION EMPLOYMENT by TYPE OF WORKER

Contract/Seasonal/Temporary workers continue to increase.

Full-time workers continue to account for the largest share of employment type in York Region at **66 per cent**. Contract/seasonal/temporary employment continues its trend of the fastest growing type of worker with an increase in share from **4.5 per cent** in 2008 to **15.5 per cent** in 2018, representing growth of **55,700 jobs** during this time. Over 2008-2018, full-time employment decreased in share from **76 per cent** to **66 per cent**, yet grew by over **50,800 jobs**. Part-time workers declined from a **19 per cent** to **18 per cent** share of employment increased by **19,500 jobs** over the same time period (Figure 4).



YORK REGION EMPLOYMENT ANALYSIS

Full-time employment is an important labour market indicator of economic performance and the Region continues to demonstrate strength in full-time employment opportunities for its residents, attracting a highly-skilled labour force. Providing opportunities for other types of employment such as part-time and contract/seasonal/temporary is also important for residents as attitudes on work-life balance and work preferences change. York Region has historically maintained a healthy proportion of full-time employment, it is still important to monitor trends in changes to employment type composition as it may have future implications on the Region's economic well-being.

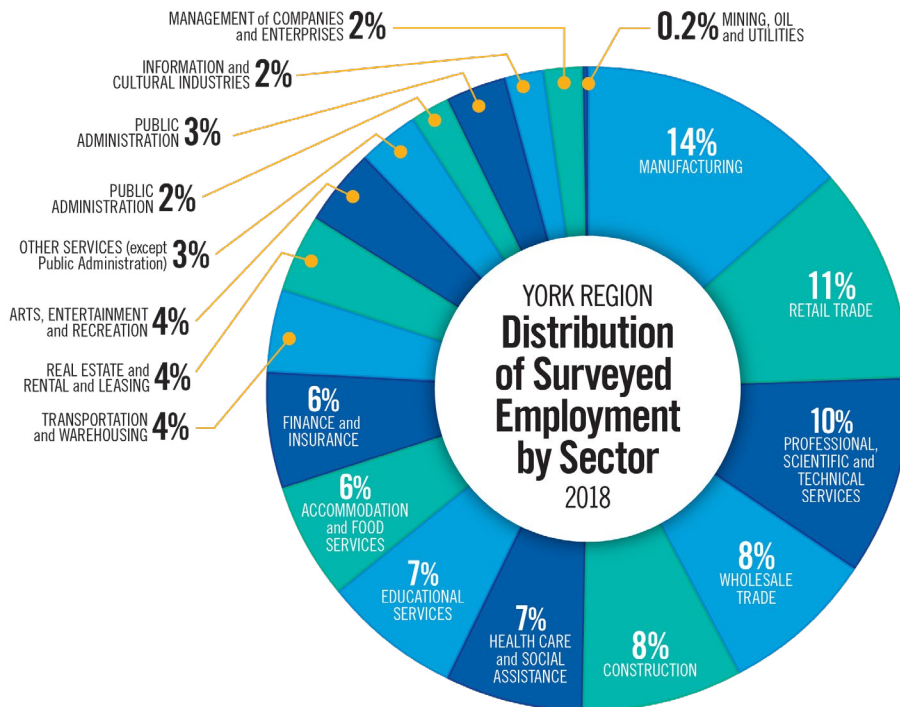
EMPLOYMENT ANALYSIS by SECTOR

The diversity of York Region's employment base provides a wide-variety of jobs and opportunities for residents

The following section provides a detailed analysis of York Region's employment using Statistics Canada's North American Industrial Classification (NAIC) system. A comprehensive list of the NAIC sectors can be found in Appendix B.

York Region has a diverse economic base. For the past five years the manufacturing, retail trade and professional, scientific and technical services sectors have accounted for the largest shares of surveyed employment, as shown in Figure 5. These shares are gradually changing over time, as other sectors such as educational services, finance and insurance and health care and social assistance steadily increase. A diverse economy provides a wide variety of jobs and opportunities for residents. While shifts within employment sectors are expected in the future with emerging new technologies and corresponding changes to employment demands, maintaining diversity of employment across sectors is vital to ensuring a resilient economy.

FIGURE 5 - York Region Distribution of Surveyed Employment by Sector, 2018



Source: York Region Planning and Economic Development Branch, 2018 Employment Survey

YORK REGION EMPLOYMENT ANALYSIS

The York Region economy continues a shift to services-oriented sectors



The share of the Region's workforce in the services-producing sectors continues to grow. In 2018, the majority of the Region's workforce was employed in services-producing sectors, accounting for **78 per cent** of the Region's surveyed employment base, compared to **75 per cent** in 2008 (Figure 6). Employment in the goods-producing sectors accounted for **22 per cent** of the Region's total surveyed employment in 2018 compared to **25 per cent** in 2008.

Employment in the services-producing sectors grew by **11,840 jobs** or **2.7 per cent** between mid-year 2017 and mid-year 2018. Over the past ten years, over **122,580 service-oriented jobs** were added to the Region's employment base representing an increase of **37.6 per cent** in these sectors.

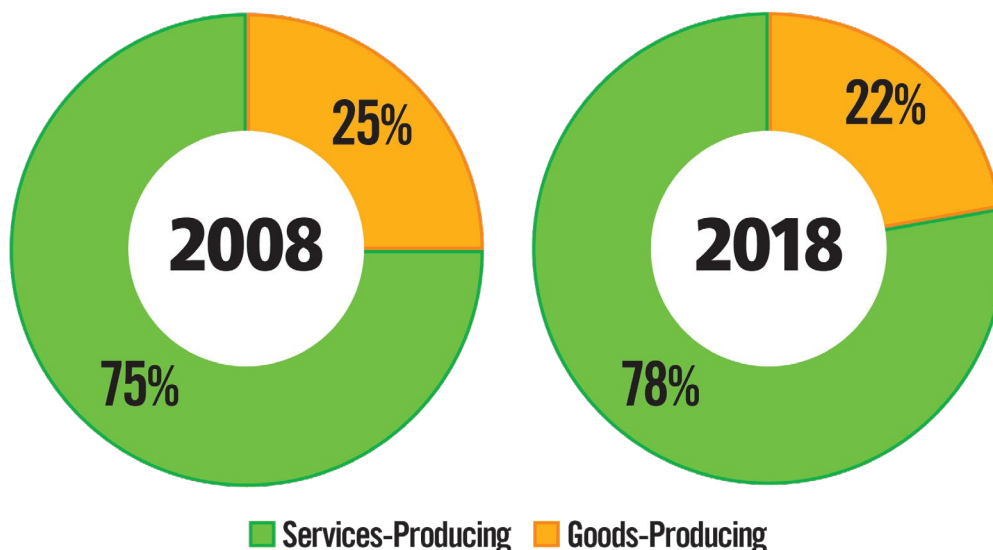
KEY SERVICES-PRODUCING GROWTH SECTORS 2008 to 2018

The Education services sector has seen increases nationally, provincially, GTA-wide and in York Region

The **education services sector** has been one of the fastest growing sectors between 2008-2018, second only to the real estate sector. This sector has doubled the number of jobs since 2008, adding over **19,700 jobs** over this ten year period.

According to Statistics Canada Labour Force data, this growth trend has been experienced throughout Canada, Ontario and the GTA with all recording increasing job numbers in this sector over the last five years. The educational services sector includes post-secondary institutions, technical and trade schools, business schools and management training and educational support services. Growth within this sector is expected to continue in York Region, with the anticipated York University Markham Campus that will not only provide for highly-skilled job opportunities but also create highly-skilled workers to supply the demand for these types of jobs in the Region.

FIGURE 6 - York Region surveyed employment by goods and services-producing sectors, 2008-2018



Source: York Region Planning and Economic Development Branch, 2008 and 2018 Employment Surveys



YORK REGION EMPLOYMENT ANALYSIS



Finance and insurance sector

Since 2008 the **finance and insurance sector** has added over **10,900 jobs** in the Region, representing **9 per cent** of total job growth in the last ten years. Major employers such as TD Insurance and Aviva Insurance have their head offices located in the Region. While large firms such as these contribute to this growth, smaller firms and local companies continue to invest in the Region adding to the growth in this sector.

Financial Technology (FinTech) and automation is expected to have high rates of adoption in this sector, leading to demand for more higher skilled and specialized labour force. With over **50 companies** located in the Region including, XE.com, Real Matters, Everlink Payment Services and more, this segment within the finance and insurance sector is expected to see more growth in the future.

In addition to these firms, expansions and investments of local companies continues to add to the growth in the finance and insurance sector. York Region is home to corporate or divisional back-end operations (e.g. processing and call centers) of many financial and insurance institutions, alongside hundreds of branch-level places of employment.

Health care and social services sector has added 17,260 jobs since 2008

Employment growth in the **health care and social services sector** has been strong over the last 10 years in the Region. This sector has grown at an average annual rate of **5.4 per cent** since 2008 adding **17,260 jobs**, making it one of the fastest-growing sectors during this time period. Growth within this sector is expected to continue with the aging population requiring access to healthcare, innovations in technology and the new Mackenzie Vaughan Hospital currently under construction.

YORK REGION EMPLOYMENT ANALYSIS



Retail Trade represents the largest share of employment in the services-producing sector

The **retail trade sector** is closely tied to population growth and has added **8,600 jobs** and grown **1.5 per cent** annually from 2008-2018. The retail trade sector represents the largest share of employment in the services-producing industry sectors with **11 per cent** or **64,100 jobs**.

Even with this growth, the retail sector's share of growth has been declining since 2008. The closure of large chain stores such as Sears Canada and other mall chain stores filing for bankruptcy. E-commerce continue to disrupt and transform the traditional retail sector model. Growth in online shopping experiences and with it in logistics and warehousing are expected to continue. Many of these facilities are automated and do not create enough new jobs to offset the decline in retail. The Region is currently undertaking a Future Employment Trends study to take a closer look at how sectors are expected to be impacted by emerging technologies and consumer behavioural changes and preferences.

The professional, scientific, and technical services sector added 820 jobs in 2018

Over the past year, the **professional, scientific and technical services sector** recorded over **820 additional jobs** and accounts for almost **10 per cent** of total employment (**54,700 jobs**) in the Region. The average annual growth for this sector of **1.4 per cent** since 2008 has increased employment by over **7,000 jobs**. The share of employment has increased from **8 per cent** of total employment in 2008 to **10 per cent** in 2018.

This sector includes subsectors such as information technology, legal services, accounting, engineering and technical services, architectural and interior design services, management consulting and research and development. Some global companies within the Region in this sector include professional and scientific services companies such as the new GM Technical Centre, IBM, AMD, Deloitte, AECOM, Parsons, Worley Parsons, Oracle, Compugen, PwC and WSP Canada.



YORK REGION EMPLOYMENT ANALYSIS



The real estate and rental and leasing sector has grown by 7.5 per cent over the past year

Even with a slower real-estate market in 2018, employment growth in the Real Estate and Rental and Leasing sector increased by **7.5 per cent** from 2017 to 2018, or **1,480 jobs**.

The real estate sector continues to see employment growth and increasing their share of total employment in the Region. Over the last ten years employment has increased annually by **7.4 per cent** adding over **10,800 jobs**. During that time period the largest amount of growth coincided with the real estate boom of 2016-2017, adding over **2,000 jobs**. Changes to mortgage rules in 2018 impacted the real-estate environment, particularly for those buying their first home. Further monitoring is needed to examine how declining sales, if the trend continues in 2019, will impact jobs within this sector over time.

YORK REGION EMPLOYMENT ANALYSIS

Pace of Annual Growth in Goods-Producing Sector has been steady



KEY GOODS-PRODUCING GROWTH SECTORS

Despite the continuing economic shift to a more service-based economy, employment in the Region's goods-producing sectors grew **1.0 per cent** or by **1,390 jobs** between 2017 and 2018. Since rebounding from the recession, the pace of this growth has been steady. The manufacturing and construction sectors were the greatest contributors to this growth. The manufacturing sector still holds the greatest share of employment in the Region at **14.2 per cent** or **81,700 jobs**.

The construction sector added over 16,000 jobs since 2008

The **construction sector** has added over **16,000 jobs** to the Region's employment base since 2008. Between 2017 and 2018, the sector grew by **1.8 per cent**, or **780 jobs**. The total number of jobs by mid-year 2018 in this sector was **45,030**. Growth in the construction sector in the GTA is tied closely to local population and business growth. The growth in construction has also been driven by the booming real estate market over this time period, as housing is a major driver of economic growth in this sector. The Region plans for population and business growth by investing in critical infrastructure such as water and wastewater and transportation including the Viva Rapidways. It is not surprising that Canada, Ontario and the GTA posted increases in this sector over the last 5 years according to Statistics Canada Labour force data.

The manufacturing sector has held steady over the past decade

Over the last 10 years the **manufacturing sector** has grown modestly, recording an annual growth rate of **0.7 per cent**. This is consistent with the significant economic downturn at the national, provincial and municipal levels. However, manufacturing remains the Region's largest sector in terms of surveyed employment and accounted for **14 per cent (81,700 jobs)** of total surveyed jobs in 2018. Manufacturing continues to increase in job growth, while steadily decreasing its share of overall employment, even with offshoring and technological advancements negatively impacting some subsectors.

In November 2018, Canada, the United States (US) and Mexico signed the new Canada-United States-Mexico Agreement (CUSMA), replacing the North America Free Trade Agreement (NAFTA). Elements of this trade agreement that could impact the manufacturing sector include the remaining steel tariffs on products entering the US as well as a requirement that vehicle manufacturers source a minimum of **70 per cent** of their steel and aluminum within the US, Canada and Mexico.

The announced closure of the Oshawa GM Plant is expected to be felt across other manufacturing sectors throughout Ontario. Approximately **16 per cent** of all manufacturing jobs in the Region can be found in the transportation equipment manufacturing subsector, representing over **13,000 jobs**. Additionally, there are other sectors outside of manufacturing that provide goods or services to the plant. Given the recently announced CUSMA as well as the Oshawa GM plant closure, this sector will need to be closely monitored in the future and assessed for potential impacts.

Advanced manufacturing in the Region accounts for **45 per cent** of the total share of employment within the manufacturing sector. Some of the subsectors under this umbrella include audio and video manufacturing, communications equipment medical equipment manufacturers that use advanced production methods or create innovative products. These subsectors within manufacturing have increased **4 per cent** since 2008.



YORK REGION EMPLOYMENT ANALYSIS



KEY GOODS-PRODUCING GROWTH SECTORS

The agri-food sector includes 27 industries in York Region

While the Employment Survey does not survey farms, it uses the Census of Agriculture as one of its sources to report out on trends and includes this data in the total employment estimate (Table 2). The Region is home to **700 farms**, employing over **3,200 people**. However, jobs created by the agriculture sector go beyond the farm. There are a total of **27 industries** that are directly related to the agricultural sector including primary farming, retail, wholesale and food and beverage manufacturing.

The food and beverage manufacturing subsector accounts for **9 per cent** of the total share of the manufacturing sector in the Region. This subsector has increased by **over 50 per cent** since 2008, adding **2,350 jobs**. As reported in the 2017 Agriculture and Agri-Food strategy report, the impact of the agri-food industry in York Region is over six billion dollars. Food and beverage manufacturing remains an important subsector to the Region and for many other sectors in the Region, including the retail trade and food and accommodation services.

YORK REGION EMPLOYMENT ANALYSIS



NUMBER of EMPLOYER BUSINESS ESTABLISHMENTS

York Region Employment Survey data and Statistics Canada Business Counts each provide a unique perspective on the makeup of York Region’s business community

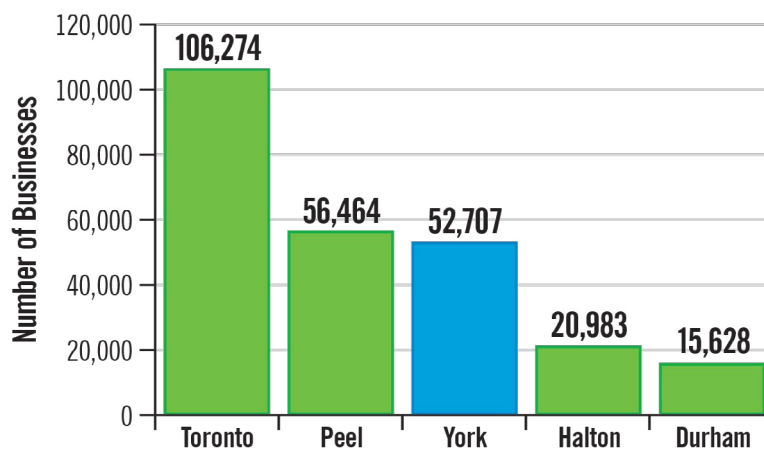
Analysis of business establishment data from both Statistics Canada Canadian Business Counts (CBC) and the York Region employment survey assists in understanding and identifying trends in the Region’s business community. The York Region Employment Survey data is useful for year over year analysis of economic trends for businesses with a physical location but does not capture all registered businesses in the Region.

York Region has the third highest number of employer business establishments in the Greater Toronto Area

According to the Canadian Business Counts database, there were approximately 52,700 York Region business establishments as of June 2018. When compared to other census divisions on the GTA, York Region ranks as having the third highest number of business establishments, behind the City of Toronto and Peel Region (Figure 7).

Despite the difference in data collection methods used by Statistics Canada’s Canadian Business Counts and York Region’s Employment Survey, the datasets complement each other and further advance our knowledge on trends happening in the Region’s business community.

FIGURE 7 - Number of Business Establishments by GTA Municipality, 2018



Source: Statistics Canada Canadian Business Counts, June 2018.



YORK REGION EMPLOYMENT ANALYSIS

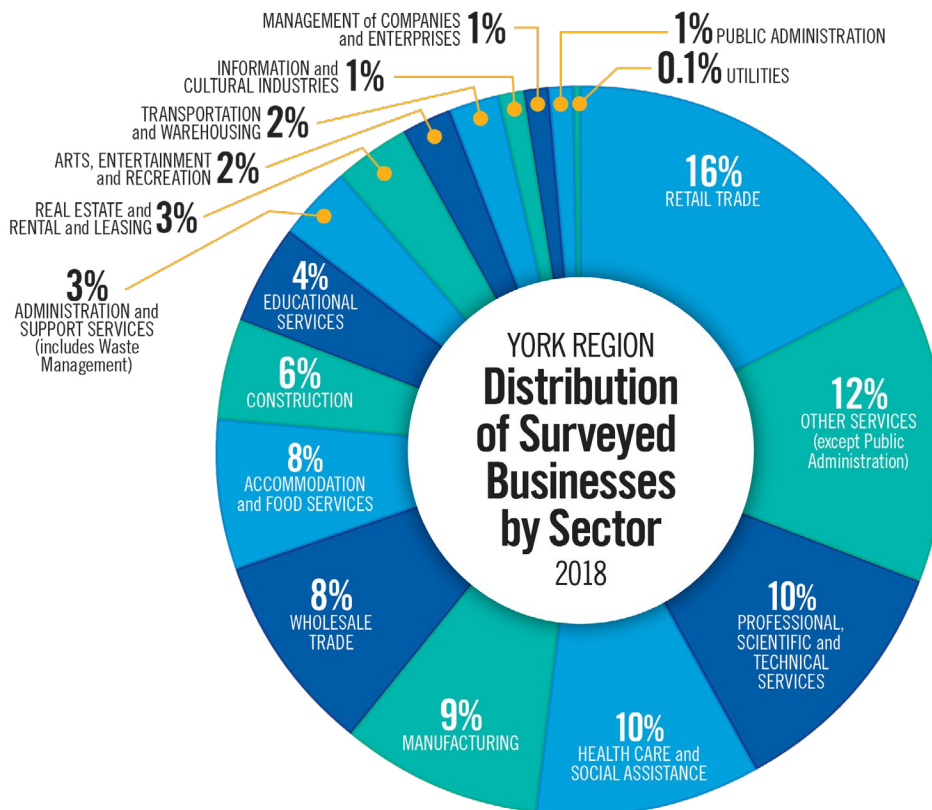
York Region business community is predominantly services-oriented

Over the last five years the number of businesses has grown at **4.5 per cent**. The **services producing sectors** in the make up **85 per cent** of the Region's total number of business establishments with goods producing sectors representing a **15 per cent** share.

According to the Region's employment survey, the majority of the Region's business growth over the past five years was in the real-estate and leasing (**+5.4 per cent**), educational services (**+5.2 per cent**), finance and insurance (**+4.7 per cent**) and health care and social assistance sectors (**4.3 per cent**).

The distribution of business establishments in the Region is closely tied to the distribution of employment. The Retail trade holds the largest share of businesses with **5,500 (16 per cent)** and also the second largest share of employment (**11 per cent**).

FIGURE 8 - Distribution of York Region Surveyed Businesses by Sector, 2018



Source: York Region 2018 Employment Survey, Planning and Economic Development Branch

YORK REGION EMPLOYMENT ANALYSIS

Over 80 per cent of the Region's business community is made up of small businesses



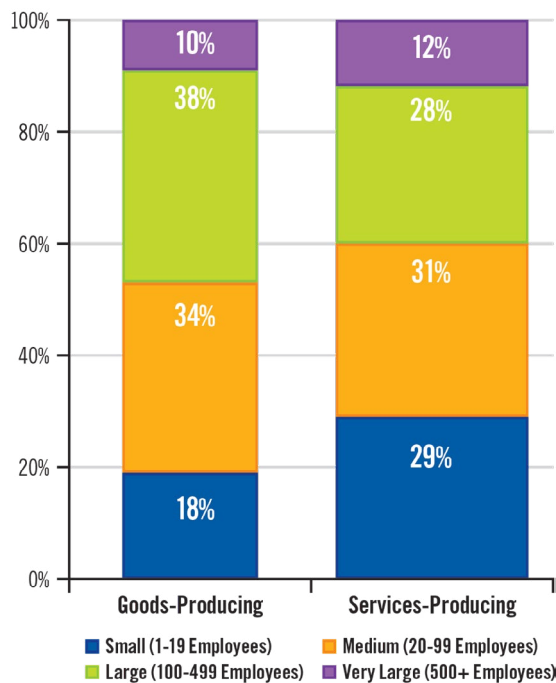
EMPLOYMENT by BUSINESS SIZE

The majority of the Region's surveyed businesses (**78 per cent**) can be found in services producing industries. Medium-sized firms, employing 20-99, within the services-producing industries accounted for the largest share of surveyed employment with **142,500 jobs** or **31 per cent** of the share of employment (Figure 9). Large-sized firms, employing 100-499 employees, accounted for the largest share of business size with **49,300 jobs** or **38 per cent** of the total share. Typically, businesses within goods-producing sectors employ more people per business establishment, as seen in Figure 8, while manufacturing only accounts for **9 per cent** of total business establishments in the Region; it holds the largest share of employment (**14 per cent**).

Over 80 per cent the Region's business community is made up of small businesses

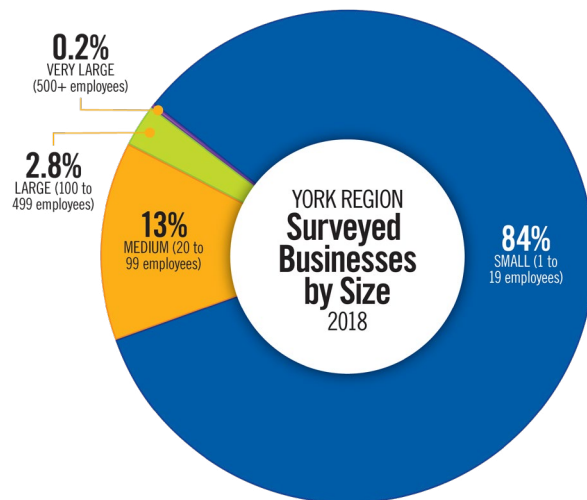
Between 2013-2018 both small-size and large-size businesses grew by **14 per cent** respectively. With small-size businesses increasing by **over 3,400** and large-size businesses increasing by **120 establishments** While the share of Very Large businesses is relatively small at **0.2 per cent (66 businesses)** of the Region's total number of establishments, it has grown almost **30 per cent**, adding **15 businesses**, over the last 5 years. This indicates that the Region's investments in critical infrastructure and the Centres and Corridors program as well as the access to a highly-skilled and diverse workforce continues to attract major employers.

FIGURE 9 - York Region Surveyed Employment by Business Size and Industry Sector, 2018



Source: York Region 2018 Employment Survey, Planning and Economic Development Branch

FIGURE 10 - York Region Surveyed Businesses by Size, 2018



Source: York Region 2018 Employment Survey, Planning and Economic Development Branch

➔ Strategically located in the heart of the GTA, York Region is home to approximately 1.2 million residents, more than 52,000 businesses and over 630,000 jobs



FACTORS CONTRIBUTING to ECONOMIC GROWTH in YORK REGION



Strategically located in the heart of the Greater Toronto Area (GTA), York Region is home to approximately **1.2 million residents**, more than **52,000 businesses** and over **630,000 jobs** and also includes four provincially-designated urban growth centres. According to the Growth Plan, the Region is expected to grow to 1.79 million residents and 900,000 jobs by 2041. The Region is well positioned to plan for this growth through continued investments in infrastructure.

York Region continues to be a top destination in the Toronto area and Canada for business, talent and investment. The Region's location in the Greater Toronto and Hamilton Area (GTHA) is also strategic from a goods movement perspective. York Region is within a one day drive to over 140 million people in the United States and a one hour flight to global markets like New York, Philadelphia, Boston, Chicago and Detroit. It is located in close proximity to Toronto Pearson Airport, is home to both the CP intermodal facility and the CN MacMillan rail yard. Additionally, the Region has a strong network of 400-series highways which connect the Region to the broader provincial and national markets as well as the United States border and locally, the Spadina Subway extension (Line 1) into Vaughan that provides a direct connection to downtown Toronto.

Business and job growth is supported by transit investments in the Region, particularly in the Region's Centres and Corridors. The Regional Official Plan plans for the Regional Centres and Corridors to achieve the most intensive and greatest mix of development in the Region and are supported by over \$2.7 billion in transit infrastructure investment. As the Region's urban structure continues to evolve and the Regional Centres and Corridors mature, these core attributes help maintain and promote York Region's continued competitiveness as a top business location in the Greater Toronto Area.

The Region's economy is underlined by core attributes, such as: strong population and employment growth, a skilled labour force; a high quality of life that attracts top global talent; established and diversified industry clusters; major infrastructure and transportation investments; and locational and accessibility factors amongst others. As the Regional Centres and Corridors continue to evolve and mature, these core attributes combined with a competitive office real estate market, the new Vaughan Metropolitan Centre subway station, digital broadband infrastructure and innovation in a number of areas are key elements contributing to York Region being a leading economic centre in the GTA.



FACTORS CONTRIBUTING to ECONOMIC GROWTH in YORK REGION

York Region, however, is not an isolated economy and local business and employment growth are closely tied with external economic conditions, trends and policies at different levels of government. Examples of these factors that have a direct impact on York Region's economic growth prospects include U.S. and global trade agreements (including CUSMA), exchange and interest rates, the cost of doing business (e.g. corporate taxes, labour force cost increases, etc.), the labour force pool (e.g. educational institutions, immigration etc.), capital markets and housing.

Housing affordability is a factor in attracting new businesses, retaining existing businesses and attracting a labour force that are looking for close proximity to work. The Region works with the local municipalities to ensure a wide variety of housing options at varying levels of affordability are available.

Emerging business practices and market trends also represent challenges and opportunities for York Region's economic growth in both a GTA and a global context. These include business globalization or national protectionism, digital and sharing-economy business models, the shift to contract-based employment, outsourcing, automation, talent attraction practices and many others.

York Region's Economic Development Action Plan addresses key economic challenges and opportunities facing York Region and translates them into innovative economic growth areas. Along with the initiatives identified in the Action Plan, the Region continues to make investments to support business growth and innovation.

CONCLUSIONS



The Employment and Industry report analyzes the state of the Region's economy and identifies key findings and trends in Regional employment and businesses by industry group. In mid-year 2018, there were an estimated **636,630 jobs** and employment growth in the Region outpaced national and provincial averages.

York Region is one of Canada's fastest-growing large urban municipalities and is planned and expected to continue to grow in both population and employment for the foreseeable future. The Region is an attractive location to live and invest and is committed to attracting and retaining employers as well as making significant infrastructure investments to support employment and business growth.

While employment in goods-producing sectors continues to have a presence in York Region, knowledge-based, service-oriented jobs continue to drive the Region's employment growth. This sustained employment growth continues to diversify the Region's economy and promote economic resilience, vitality and liveability. Attracting and retaining a variety of high quality jobs across a broad range of sectors promotes economic resilience and helps ensure those living in York Region have an opportunity to work and thrive where they live.



➡ With an estimated 636,630 jobs, employment growth in York Region outpaced national and provincial averages

APPENDIX A: DATA SOURCES

York Region Employment Survey Methodology



Background

The 2018 survey was a comprehensive Region-wide survey of all businesses across York Region (excluding farm and home-based businesses). Survey data is aggregated at the traffic zone level of detail, which divides the Region into 478 smaller geographic areas allowing for a detailed examination of local trends and information about local employment areas. York Region's first Region-wide employment survey occurred in 1998, when 21,000 businesses were recorded. Subsequently, the annual survey targeted key employment areas up to 2006, consisting of high-growth areas, designated employment areas and Regional centres. With the assistance of local municipalities, York Region has been able to complete Region-wide surveys of all businesses between 2007 and 2018. It is the Region's intention that all future employment surveys be comprehensive in nature.

Data Collection

Data collection for the 2018 York Region Employment Survey included all traffic zone areas across York Region (excluding home and farm based businesses). Data was collected from York Region businesses in a variety of forms:

- Through door-to-door interviews with the business community (primary method);
- Via telephone interviews (for businesses unable to contact in person); and
- Electronically through e-mail messages, online entries via our corporate website and facsimile submissions.

Businesses were primarily contacted through door-to-door interviews between May and August of 2018 by York Region Employment Surveyors. Surveyors used a GIS-based application to collect the business information. Within each traffic zone, all businesses were directly contacted and details about business activity, changes in employment levels and contact information were updated for existing businesses, or initiated for businesses new to that area. Where records showed a business that was no longer at the address in 2018, efforts were made to contact the business by phone to establish either a new location, or to record the probable closure of the business.

For businesses unable or unwilling to conduct a door-to-door interview, the option was given to either have a surveyor call them at a mutually convenient time or to provide them with a blank survey form and have them complete and return it at their leisure. For businesses that declined to participate or could not be contacted either in person or by telephone during regular office hours, it was assumed that all information relating to that business remained unchanged from the date they were last surveyed.

In 2018, the Region was able to survey over 34,000 businesses with a physical location. Approximately 79 per cent of surveyed businesses were successfully contacted. The Region was unable to contact and update 19 per cent of businesses and 2 per cent chose not to participate in the survey.



APPENDIX A: DATA SOURCES CONTINUED

York Region staff began collecting business and employment information from farm based businesses in 2012 to compliment the Statistics Canada Census of agriculture. Home-based businesses were encouraged to submit their business information through the Region's online business directory website. Since then the Region has collected information from just over 800 home-based businesses. It is important to note that the number of home-based businesses captured in the survey represents a small sample of home-based businesses in the Region. According to the 2016 Census there were approximately 48,300 home-based jobs in York Region in 2016.

- Home-based employment rose to an estimated 51,144 jobs in 2018, an increase of 1,430 since 2017
- York Region's home-based employment is increasing every year and has become important to the Region's economy
- Increasing home-employment trend is due to the increasing technological advancements in mobile technology along with progressive employer trends that promote teleworking

In collaboration with the York Region Agricultural Advisory Liaison group and the York Federation of Agriculture, the Region completed its second farm-based business survey in 2016. A letter describing the purpose of the survey and a survey form was distributed in February to just over 700 farm-based businesses. Of the contacted farms, only 8.9 per cent participated in the survey. Due to the small response-size, this procedure was not repeated after 2017. However, regional staff continue to work with the York Federation of Agriculture to increase awareness on the benefits of collecting this information.

Data Uses

Data collected from the employment survey is a valuable resource for both the Region and local municipalities. The data is used by planning and economic development departments, other municipal departments, non-profit organizations and private sector groups. Some of the central uses of the data for the Region and local municipalities include: employment growth forecasts; monitoring targets in the Regional Official Plan and Provincial Growth Plan including employment and density targets for the urban growth centres and intensification areas; forecasting infrastructure requirements in master plans for transportation and water and wastewater; monitoring major office growth; and evidence in OMB cases. The data is also used for vacant employment land inventories; development charges studies; a tool for identifying economic trends and emerging sectors; and producing regional and local business directories.

Data Accuracy

A number of factors limit the accuracy of the data collected within this report, including:

Data collected was based on responses received from businesses. In certain instances however, businesses refused to participate, had a language barrier, were potentially missed in previous survey years, moved to an unknown location or were temporarily closed. As a result, certain business sectors may be over-represented and others under-represented depending on the particular circumstances of businesses in that sector.

APPENDIX A: DATA SOURCES CONTINUED



While this study analyzes employment patterns in the Region, it does not examine all possible factors that can influence employment rates in a particular location, such as land prices, property tax rates, development charges, and existing space inventories and vacancies. These factors can impact the level of overall economic health in a given area and can also promote or discourage employment growth in one area over another.

The data collected is time-sensitive, in that the information is only accurate as of the date collected. For certain industries undergoing rapid change, the analysis within this report may no longer reflect current circumstances. Caution should therefore be used before making any conclusions based on this information.

Statistics Canada Labour Force Survey

The Statistics Canada Labour Force Survey measures the current state of the Canadian labour market and is used to estimate national, provincial and regional employment and unemployment rates. The survey divides each province into smaller geographic areas and then uses a rotating panel sample design to select dwellings to be surveyed. The monthly sample size has been approximately 56,000 households which results in the collection of labour market data from approximately 100,000 individuals. The data is collected on a monthly basis either by telephone or in person interviews and survey participation is mandatory under the Statistics Act. Information is collected from all household members aged 15 and over.



APPENDIX B: SECTOR DEFINITIONS

Each business surveyed was assigned a numeric code based on their primary business activity. These codes are based on the North American Industrial Classification (NAIC) system, a hierarchical coding system used by statistical agencies in Canada, the U.S. and Mexico to classify businesses by type of economic activity. Much of the analysis in this report aggregates business information based on the NAIC coding at different levels of the hierarchy. The 20 NAIC sectoral categories used by Statistics Canada have been combined to 2 industry groupings. The combined industry groupings are summarized below:

GOODS-PRODUCING SECTORS

Mining, Oil and Utilities Sector (NAIC 21, 22) This sector comprises establishments primarily engaged in mining, oil and gas extraction and related support activities and operating electric, gas and water utilities. These establishments generate, transmit, control and distribute electric power; distribute natural gas; treat and distribute water; operate sewer systems and sewage treatment facilities; and provide related services, generally through a permanent infrastructure of lines, pipes and treatment and processing facilities.

Construction Sector (NAIC 23) This sector comprises establishments primarily engaged in constructing, repairing and renovating buildings and engineering works, and in subdividing land. This sector includes land development, building and engineering construction and project management and all construction trades contracting (e.g., concrete pouring, roofing, drywall and painting, electrical, fencing).

Manufacturing Sector (NAIC 31-33) This sector comprises establishments primarily engaged in the chemical, mechanical or physical transformation of materials or substances into new products. This sector includes food and beverage manufacturing, textile and clothing production, wood and paper products manufacturing, printing, petrochemical manufacturing, plastics and rubber manufacturing, non-metallic mineral product manufacturing (e.g., bricks, glass, gypsum board), primary metal manufacturing (e.g., iron and steel mills, metal pipes and wire, foundries), fabricated metal product manufacturing (e.g., stamping, metal doors, boilers, hardware, machine shops, nuts and bolts), machinery manufacturing, computer and electronic equipment, electrical equipment and appliances, transportation equipment manufacturing (e.g., motor vehicles and parts, aerospace and boat building) and furniture manufacturing.

APPENDIX B: SECTOR DEFINITIONS CONTINUED



SERVICES-PRODUCING SECTORS

Wholesale Trade Sector (NAIC 41) This sector comprises establishments primarily engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. This sector includes all wholesale distributors, product agents and brokers.

Retail Trade Sector (NAIC 44-45) This sector comprises establishments primarily engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. Includes all retail stores, retail auto and building supply dealers, gas stations and non-store retailers (e.g., mail order houses, vending machine operators, direct sales).

Transportation/Warehousing Sector (NAIC 48-49) This sector comprises establishments primarily engaged in transporting passengers and goods, warehousing and storing goods, and providing services to these establishments. This sector includes passenger and freight transportation and related support activities (e.g., airports, bus stations, vehicle towing, postal and courier services and warehousing and storage establishments).

Retail Trade Sector (NAIC 44-45) This sector comprises establishments primarily engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. Includes all retail stores, retail auto and building supply dealers, gas stations and non-store retailers (e.g., mail order houses, vending machine operators, direct sales).

Information and Cultural Studies Sector (NAIC 51) This sector comprises establishments primarily engaged in producing and distributing (except by wholesale and retail methods) information and cultural products. Establishments providing the means to transmit or distribute these products or providing access to equipment and expertise for processing data are also included. The main components of this sector are the publishing industries (e.g. newspaper, book and software publishers), TV and radio broadcasting, telecommunications services, information services (e.g., news syndicates, libraries, and internet providers) and data processing services.

Finance and Insurance Sector (NAIC 52) This sector comprises establishments primarily engaged in financial transactions including monetary authorities, credit intermediation and related activities (e.g., personal and commercial banking, credit unions, credit card issuing, consumer lending, mortgage brokers, transaction processing), securities and commodities trading, portfolio management and investment advising, insurance carriers and brokers and pension funds.

Real Estate and Rental and Leasing Sector (NAIC 53) This sector comprises establishments primarily engaged in renting, leasing or otherwise allowing the use of tangible or intangible assets. Establishments are primarily engaged in managing real estate for others; selling, renting and/or buying of real estate for others; and appraising real estate.



APPENDIX B: SECTOR DEFINITIONS CONTINUED

SERVICES-PRODUCING SECTORS CONTINUED

Professional, Scientific and Technical Services Sector (NAIC 54) This sector comprises establishments primarily engaged in activities in which human capital is the major input. These establishments make available the knowledge and skills of their employees, often on an assignment basis. The individual industries of this sector are defined on the basis of the particular expertise and training of the service provider. The main components of this sector are legal services; accounting, tax preparation, bookkeeping and payroll services; architectural, engineering and related services; specialized design services; computer systems design and related services; management, scientific and technical consulting services; scientific research and development services; and advertising, public relations, and related services.

Management of Companies and Enterprises Sector (NAIC 55) This sector comprises establishments primarily engaged in managing companies and enterprises and/or holding the securities or financial assets of companies and enterprises, for the purpose of owning a controlling interest in them and/or influencing their management decisions (e.g. holding companies, centralized administrative offices, corporate offices, head offices).

Administrative and Support, Waste Management and Remediation Services Sector (NAIC 56) This sector comprises establishments of two different types: those primarily engaged in activities that support the day-to-day operations of other organizations; and those primarily engaged in waste management activities. The first type of establishment is engaged in activities such as administration, hiring and placing personnel, preparing documents, taking orders from clients, collecting payments for claims, arranging travel, providing security and surveillance, cleaning buildings, and packaging and labeling products. Waste management establishments are engaged in the collection, treatment and disposal of waste material, the operation of material recovery facilities, the remediation of polluted sites and the cleaning of septic tanks.

Education Sector (NAIC 61) This sector comprises establishments primarily engaged in providing instruction and training in a wide variety of subjects. This instruction and training is provided by specialized establishments, such as schools, colleges, universities and training centers. These establishments may be privately owned and operated, either for profit or not, or they may be publicly owned and operated.

Health and Social Services Sector (NAIC 62) This sector comprises establishments primarily engaged in providing health care by diagnosis and treatment, providing residential care for medical and social reasons, and providing social assistance, such as counseling, welfare, child protection, community housing and food services, vocational rehabilitation and child care, to those requiring such assistance.

APPENDIX B: SECTOR DEFINITIONS CONTINUED



SERVICES-PRODUCING SECTORS CONTINUED

Arts, Entertainment and Recreation Sector (NAIC 71) This sector comprises establishments primarily engaged in operating facilities or providing services to meet the cultural, entertainment and recreational interests of their patrons. The main components of this sector are performing arts, spectator sports industries, heritage institutions (e.g., art galleries, museums, zoos, conservation areas), amusement parks, gambling industry, golf courses and country clubs, skiing facilities, marinas, fitness and recreation centres, restaurants and bars and caterers.

Accommodation and Food Services Sector (NAIC 72) This sector comprises establishments primarily engaged in providing short-term lodging and complementary services to travelers, vacationers and others, in facilities such as hotels, motor hotels, resorts, motels, casino hotels, bed and breakfast accommodations, housekeeping cottages and cabins, recreational vehicle parks and campgrounds, hunting and fishing camps, and various types of recreational and adventure camps. This sector also comprises establishments primarily engaged in preparing meals, snacks and beverages, to customer orders, for immediate consumption on and off the premises.

Other Services Sector (except public administration) (NAIC 81) This sector comprises establishments primarily engaged in repairing, or performing general or routine maintenance (e.g. Automotive repair, machinery repair, reupholstery); providing personal care services (e.g. hair care, funeral homes, laundry services, pet care services, photofinishing); religious organizations and other civic and professional organizations.

Public Administration Sector (NAIC 91) This sector comprises establishments primarily engaged in activities of a governmental nature (e.g. federal, provincial, regional and municipal protective services such as fire, police, courts and correctional facilities, regulatory and administrative service.





For more information on businesses
in York Region please contact:

Planning and Economic Development

1-877-464-9675 Extension 71508

york.ca/employmentsurvey

2018 EMPLOYMENT & **INDUSTRY** REPORT

For more information on businesses
in York Region please contact:

Planning and Economic Development
1-877-464-9675 Extension 71508
york.ca/employmentsurvey



March 22, 2019

Ms. Kiran Saini
Acting Director of Legislative Services/Town Clerk
Town of Newmarket
395 Mulock Drive, P.O. Box 328
Newmarket, ON L3Y 4X7

MAR 27 2019

Dear Ms. Saini:

Re: 2018 Integrated Management System Update Report for Water, Wastewater and Waste Management

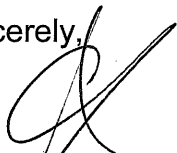
Regional Council, at its meeting held on March 21, 2019, adopted the following recommendations of Committee of the Whole regarding "2018 Integrated Management System Update Report for Water, Wastewater and Waste Management":

1. The Regional Clerk circulate this report to the Clerks of the local municipalities for information and the Ontario Chief Drinking Water Inspector (Ministry of the Environment, Conservation and Parks).

The original staff report is enclosed for your information.

Please contact David Szeptycki, Director, Strategy & Innovation at 1-877-464-9675 ext. 75723 if you have any questions with respect to this matter.

Sincerely,



Christopher Raynor
Regional Clerk

Attachment

The Regional Municipality of York

Committee of the Whole
Environmental Services
March 7, 2019

Report of the Commissioner of Environmental Services

2018 Integrated Management System Update Report for Water, Wastewater and Waste Management

1. Recommendation

1. The Regional Clerk circulate this report to the Clerks of the local municipalities for information and the Ontario Chief Drinking Water Inspector (Ministry of the Environment, Conservation and Parks).

2. Summary

Providing information on the efficacy of Environmental Services' Integrated Management System supports Council in meeting statutory standard of care requirements under the *Safe Drinking Water Act, 2002* demonstrating operational due diligence.

- The Integrated Management System is well-established and provides a structured approach to risk mitigation and continual improvement.
- 92 water, wastewater and waste management audits were performed in 2018, which provide continued insight into the delivery of our services and result in improved operational performance and regulatory due diligence.
- Accomplishments achieved in 2018 through the Integrated Management System include: successful transition to new requirements under quality and environmental standards; and formal implementation of the International Organization for Standardization (ISO) 9001 quality management standard at waste management depots.

3. Background

Council has significant responsibilities to ensure safe drinking water under the *Safe Drinking Water Act, 2002*

Councillors have an important role to play in ensuring that York Region's drinking water systems provide safe, high-quality drinking water. Section 19 of the *Safe Drinking Water*

Act, 2002 clarifies the legal responsibility held by people with decision-making authority over municipal drinking water systems by imposing a statutory standard of care. It requires Councillors to exercise a level of care, diligence and skill with regard to a municipal drinking water system that a reasonably prudent person would be expected to exercise. York Region Council fulfills this duty through an ongoing commitment to financial support for water systems and continual improvement initiatives to proactively managing risks to protect people and the community. This requirement is further defined in the 2018 Drinking Water Systems Report (also on this agenda), which includes the Ministry of the Environment, Conservation and Parks' inspection findings.

Table 1 summarizes roles and responsibilities, as defined in the Integrated Management System. Council and the Chief Administrative Officer, identified as Corporate Top Management, are required to provide oversight to ensure suitability and effectiveness of the Integrated Management System.

Table 1
Roles and Responsibilities for Environmental Services'
Integrated Management System

Who	Roles and Responsibilities
<p>Corporate Top Management</p> <ul style="list-style-type: none"> - Council - Chief Administrative Officer 	<ul style="list-style-type: none"> - Exercise a standard of care - Overall direction for Environmental Services - Approval of resources and budget
<p>Operational Top Management</p> <ul style="list-style-type: none"> - Commissioner - Directors - Managers 	<ul style="list-style-type: none"> - Strategic direction for Integrated Management System - High-level operational decision making - Drinking Water Quality Management Standard representative
<p>Water, Wastewater and Waste Management Operations</p> <ul style="list-style-type: none"> - Water and Wastewater Operators - Waste Management Coordinators - Technical Support Staff - Integrated Management System Coordinators 	<ul style="list-style-type: none"> - Front line operations - Water and wastewater quality sampling - Maintenance, inspections and asset management - Internal audits and regulatory reporting

Rigorous Integrated Management System assists Council with meeting standard of care

Environmental Services' Integrated Management System provides a consistent framework for minimizing operational impacts on the environment and protecting residents by complying with applicable legal requirements. The Integrated Management System also provides a structured approach to continually improve program and service delivery.

Table 2 summarizes what standards are applied to service delivery in Environmental Services. York Region's adherence to ISO standards is voluntary, while compliance with the Drinking Water Quality Management Standard is a legal requirement under the *Safe Drinking Water Act, 2002* and the Municipal Drinking Water Licensing Program.

Table 2
Integrated Management System Framework

Operations	Management Standard	Registered Since
Wastewater	- ISO 14001 Environmental Management Standard	- 2000
Water	- ISO 9001 Quality Management Standard	- 2001
	- Drinking Water Quality Management Standard	- 2009
Waste Management	- ISO 14001 Environmental Management Standard	- 2010
	- ISO 9001 Quality Management Standard	- 2018

The Integrated Management System assists Council by providing confidence that water, wastewater and waste management services are delivered in accordance with planned policies and procedures. The delivery of services are confirmed through onsite audits, which mitigate operational risks, provide feedback for continual improvement, and gauge resiliency.

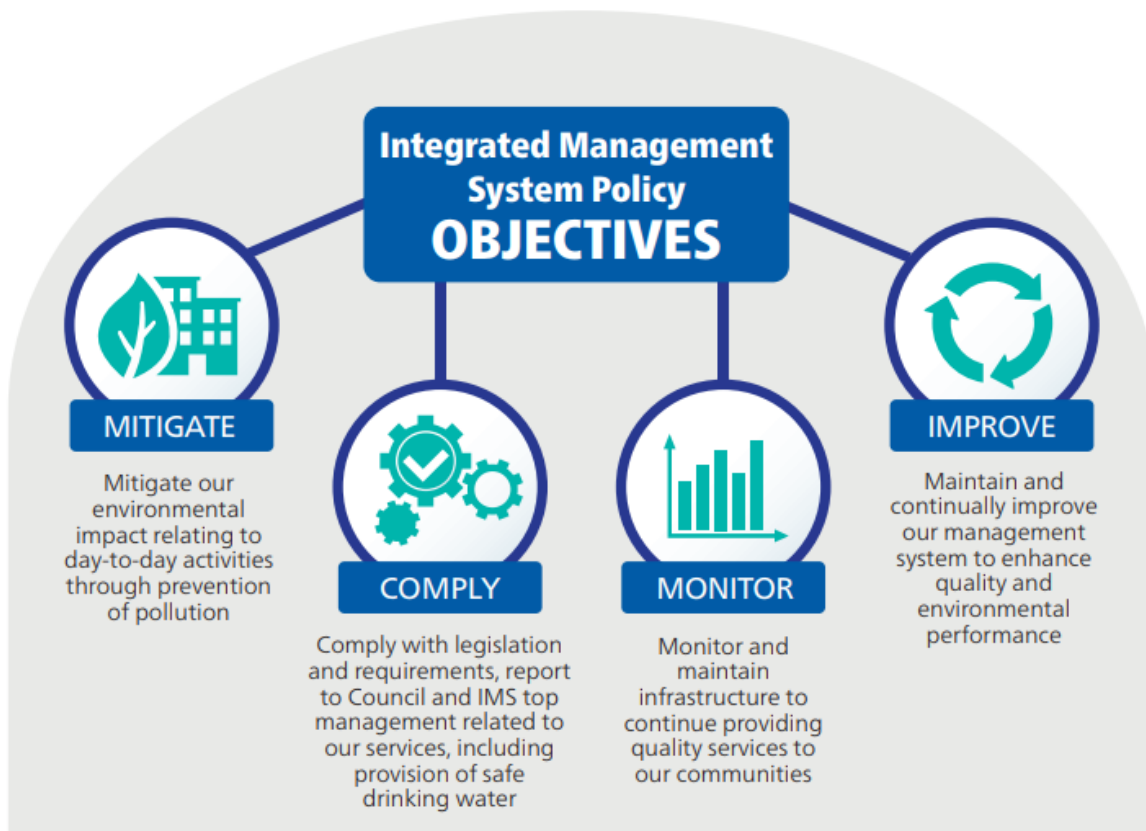
Policy defines the purpose of the Integrated Management System

The Integrated Management System Policy (Figure 1) is a requirement of our registration and provides the foundation for management system commitments. It sets the framework for water, wastewater and waste management quality and environmental objectives. It is displayed at all registered water, wastewater and waste management facilities.

Figure 1 Integrated Management System Policy

Our innovative people provide water, wastewater and waste management services that protect public health and the environment to meet the needs of our thriving communities.

We are committed to the following objectives:



Auditing confirms system effectiveness by evaluating conformance with each management system standard

An effective audit program is a critical component of the Integrated Management System. Audit programs monitor compliance with regulatory requirements, conformance with internal requirements and strengthen system performance by identifying continual improvement opportunities. Facilities and programs are audited via three main types of audits:

- Internal proactive audits
 - Conducted annually by trained auditors within Environmental Services to confirm conformance to management system requirements, and to evaluate compliance with regulatory requirements
- ISO external audits
 - Completed annually by a third party registration body to confirm conformance to ISO 9001 and ISO 14001
- Regulatory DWQMS audit
 - Completed annually by a third party registration body to confirm conformance to the Drinking Water Quality Management Standard, on behalf of Ministry of the Environment, Conservation and Parks
 - Ministry of the Environment, Conservation and Parks inspections (further defined in the 2018 Drinking Water Systems Report, also on this agenda)

4. Analysis

Rigour of York Region’s audit program delivers high levels of consistent compliance

Environmental Services’ comprehensive audit program drives regulatory compliance and continual improvement in the Integrated Management System. Audits demonstrate system health and due diligence by ensuring that staff are continually challenging the status quo and looking for opportunities to strengthen the delivery of services. Every year, audit findings identify internal business process improvements and system enhancements. Table 3 summarizes the total number of audits performed in 2018.

Table 3
2018 Regional Water, Wastewater and Waste Management Audits

Audit Type	Number of Audits	Number of Findings
Internal Proactive Audits	87	74
ISO External Audits	4	8
Regulatory DWQMS Audit	1	0

Audit findings have highlighted key priorities and continual improvement initiatives for 2019

Our audits identified several continual improvement opportunities. A few examples include strengthening system administration by ensuring current documentation is available at remote sites, regularly verifying the contents of spill kits, and ensuring newly installed equipment have calibrations scheduled on a consistent basis. Findings also highlighted key

areas of focus for 2019, including: evaluating the potential for electronic logbooks, enhancing facility manuals management, and strengthening the sample management program. Environmental Services' Integrated Management System has provided a systematic approach to addressing audit findings for the past 19 years. This practice minimizes risk to the Region and ensures public safety.

Process refinement and staff training identified through third party audits

Third-party audits confirm that the Management System is in line with requirements of the standards and has demonstrated an ability to sustain services compliant with applicable regulations, and met the Region's level of service targets. Five third party audits were conducted in 2018 that resulted in eight minor non-conformities. Minor non-conformities include administrative updates to the Integrated Management System Policy Statement and verification that a muffle furnace was operating within allowable temperature ranges. Actions to address the eight non-conformities have improved system performance by refining procedures, improving equipment controls, and strengthening staff training. Feedback received during third-party audits indicates the Integrated Management System is mature, systematically achieves requirements, and demonstrates strong leadership and engagement.

Operational Top Management confirms adequacy, suitability and effectiveness of the Integrated Management System

Annual management review meetings are a requirement of the three management standards. Operational Top Management uses this opportunity to assess efficacy of the Integrated Management System. The review focuses on system and regulatory performance, audit results and resources. A collaborative review is critical, and helps identify opportunities for continual improvement to improve efficiency and drive results. Through discussion at management review, priorities for the upcoming year are established. Operational Top Management met on March 4, 2019 to review system performance for the previous year and confirm the adequacy, suitability and effectiveness of the Integrated Management System.

Continual improvement initiatives drive efficiencies in performance

As part of the commitment to ongoing continual improvement, Environmental Services made several enhancements to systems and processes in 2018 to drive efficiencies in water, wastewater and waste management services and mitigate environmental risk. Some of these include:

- Developed customized online Integrated Management System refresher training for all operating staff, with 100% completion rate
- Delivered customized online training for operating staff to ensure awareness and understanding of emergency response procedures
- Continued to meet regulatory requirements for Operator training, while improving the effectiveness of skill development programs by increasing hands-on training delivery

- Conducted root cause analysis reviews of incidents to identify contributing factors and develop corrective actions to prevent recurrence
- Initiated identification and ongoing review of strategic and operational risks and opportunities, through monthly discussions to identify mitigation activities
- Streamlined review of environmental impacts associated with wastewater and waste management operations, to identify highest environmental risk, and to confirm mitigation measures are in place
- Improved report of quarterly customer communications to better identify trends and improvement areas
- Finalized Integrated Management System Policy Manual to address new requirements of updated versions of ISO 9001, ISO 14001 and Drinking Water Quality Management Standard

Together, these initiatives support efficiency, cost savings, risk mitigation and enhanced system performance, which help strengthen service delivery.

Waste Management expands System scope to formalize customer focus

The Region's public waste facilities have been registered to ISO 14001 since 2010. In October 2018, these facilities successfully expanded scope to achieve ISO 9001 registration. In 2016, a multi-year implementation plan was initiated to formalize existing quality processes. Throughout 2017 and 2018, project deliverables and milestones were met including policy and procedure development, staff training and internal audits. Achieving ISO 9001 registration provides mechanisms to ensure customer needs are continually met at waste depots and assist in maintaining operational excellence.

Updates completed to support new versions of ISO and Drinking Water Quality Management Standard

In 2018, Environmental Services implemented changes to meet new ISO and Drinking Water Quality Management Standard requirements, including risk assessment updates that include an assessment of climate change implications. For the ISO standards, successful transition audits were conducted in July 2018, resulting in continued registration to ISO 9001 and ISO 14001. Following external review in April 2019, accreditation to the Drinking Water Quality Management Standard version 2 is expected shortly thereafter and will support legal requirements under the *Safe Drinking Water Act, 2002* and the Municipal Drinking Water Licensing Program.

5. Financial

Integrated Management System helps mitigate risk, comply with regulatory requirements and support continual improvement

Investment in the management system assists Council with meeting standard of care obligations prescribed in the *Safe Drinking Water Act, 2002*. The management system provides a framework for staff to identify and mitigate risk, monitor and comply with regulatory requirements and continually improve processes used to deliver water, wastewater, and waste management services.

Total annual program costs to operate the Integrated Management System are \$1.25 million, including staffing and external audit services, and were approved by Council through the 2019 budget process. 80 per cent of program costs are funded from water and wastewater user rates, representing 0.19 per cent of the total rate budget. 20 per cent of program costs are funded from the tax levy portion designated for waste management activities under the scope of the Integrated Management System.

6. Local Impact

Lessons learned are shared with provincial and municipal partners

The Integrated Management System for Environmental Services provides benefits to local municipalities as it supports a systematic approach to mitigating risk and environmental impacts. It also helps improve service delivery by documenting customer and regulatory requirements in a shared service delivery model for water, wastewater and waste management operations. All local municipalities have a quality management system to meet requirements of the Drinking Water Quality Management Standard. Environmental Services staff meet regularly with municipal and provincial partners to address challenges, share best practices, develop common approaches and evaluate operating procedures to provide effective service delivery.

7. Conclusion

Providing information on enhancements and performance of the Integrated Management System supports Council in meeting standard of care requirements under the *Safe Drinking Water Act, 2002*. Continual improvement initiatives help make the system more efficient and accomplish improved risk mitigation with the same resources. Rigorous and comprehensive evaluation performed through the management system, including audits and the management review process demonstrates York Region's commitment to ongoing improvement of its programs and services.

For more information on this report, please contact David Szeptycki, Director, Strategy & Innovation at 1-877-464-9675 ext. 75723. Accessible formats or communication supports are available upon request.

Recommended by:

Erin Mahoney, M. Eng.
Commissioner of Environmental Services

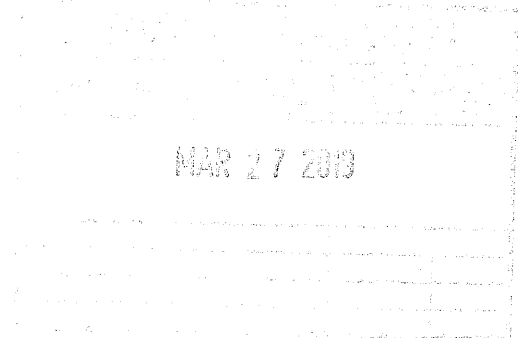
Approved for Submission:

Bruce Macgregor
Chief Administrative Officer

February 22, 2019
8976764

March 22, 2019

Ms. Kiran Saini
Director of Legislative Services/Town Clerk
Town of Newmarket
395 Mulock Drive, P.O. Box 328
Newmarket, ON L3Y 4X7



Dear Ms. Saini:

Re: Community Improvement Project Area for Affordable Rental Housing Incentives

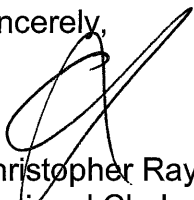
On March 21, 2019 Regional Council adopted the following recommendations:

1. Council enact a bylaw to designate areas identified as "Urban" and "Towns and Villages" in the York Region Official Plan as a Community Improvement Project Area in respect of affordable rental housing
2. The Regional Clerk circulate this report to local municipalities, the Ministers of Finance and Municipal Affairs and Housing and BILD-York Chapter

The original staff report is enclosed for your information.

Please contact Danielle De Fields, Manager, Policy and Environment at 1-877-464-9675 ext. 71525 if you have any questions with respect to this matter.

Sincerely,



Christopher Raynor
Regional Clerk

Attachments

The Regional Municipality of York

Committee of the Whole
Planning and Economic Development
March 7, 2019

Report of the Commissioner of Corporate Services and Chief Planner

Community Improvement Project Area for Affordable Rental Housing Incentives

1. Recommendations

1. Council enact a bylaw to designate areas identified as “Urban” and “Towns and Villages” in the York Region Official Plan as a Community Improvement Project Area in respect of affordable rental housing
2. The Regional Clerk circulate this report to local municipalities, the Ministers of Finance and Municipal Affairs and Housing and BILD-York Chapter

2. Summary

This report recommends Council enact a bylaw to designate a Community Improvement Project Area to develop a Community Improvement Plan (CIP) which will implement the Rental Housing Incentives Guideline (Guideline).

Key Points:

- There is a need for more private purpose built rental housing in York Region
- Council has authorized staff to prepare a CIP to implement tax increment equivalent grants proposed in the Guideline to encourage new private purpose built rental developments in York Region
- A Community Improvement Project Area must be designated prior to adopting a CIP
- A follow-up staff report in Q2/Q3 2019 will ask for Council's consideration of a proposed final Guideline and adoption of the final CIP to implement it

3. Background

The need for more affordable housing options, including rental housing is well established

Complete communities include rental and ownership options that meet the needs of residents of all ages, stages and abilities. York Region has the [lowest rental stock in the Greater Toronto and Hamilton Area](#) which has the potential to lead to negative economic, social and environmental outcomes as articulated in the November 2016 [Housing Initiatives and Incentives](#) staff report. The [York Region Human Services Planning Board](#) has recognized the need for more housing options since it was established in 2010, resulting in ongoing research, advocacy, capacity building, engagement and support through the [Make Rental Happen Collaborative Advocacy Plan](#).

Draft Financial incentives for private purpose built rental developments have been endorsed by Council

As directed by Council in [November 2016](#), the York Region/Local Municipal Housing Working Group (Working Group) has considered the necessity and extent of housing incentives to help address affordability. The Working Group evaluated the entire housing system (ownership and rental) and concluded that financial incentives should focus on increasing private purpose built rental units affordable to mid-range income households.

The Draft Guideline endorsed through the June 2018 [Draft Rental Housing Incentives Guidelines and Community Improvement Plan](#) staff report stipulates to receive incentives, a development must be affordable to mid-range income households calculated using the Provincial definition of overall income based affordability as articulated in the [Provincial Policy Statement](#). This requirement builds on the principles endorsed by Council in the February 2018 [Housing Initiatives and Incentives Update](#) staff report, including:

- Requires the development remain as rental for a minimum of 20 years,
- The proponent must share their pro forma work, and
- Regional incentives be contingent on the local municipality offering similar or better incentives.

In addition to the [existing 36 month development charge deferral for purpose-built high density rental buildings](#), the rental housing incentives endorsed through the Guideline are:

1. A new 48 month deferral for Regional [development application fees](#) (initial submission only)
2. A new Tax Increment Equivalent Grant for the Regional portion of the property tax increase for up to 5 years

The Guideline recommends that a CIP be in place for five years.

A Community Improvement Plan is required to administer grants

The *Municipal Act* prohibition on providing grants or loans to a commercial enterprise does not apply where a CIP, under section 28 of the *Planning Act*, is in effect and the grant or loan is in conformity with the CIP. The York Region Official Plan contains provisions that enable Council to enact a by-law to designate a Community Improvement Project Area. As such, through the June 2018 [Draft Rental Housing Incentives Guidelines and Community Improvement Plan](#) report, Council authorized staff to initiate preparation of a CIP for this purpose. As outlined in the June 2018 report, development of a CIP requires three touch points with Council:

1. Authorization to initiate (received in June 2018)
2. Endorsement of the Community Plan Project Area (this staff report)
3. Adoption of the final CIP and Guideline (anticipated in Q2/Q3, 2019)

4. Analysis

Housing affordability challenges warrant the Community Improvement Project Area being the entire designated area of the Region

Staff recommend the Community Improvement Project Area be the areas designated as “Urban” and “Towns and Villages” in the York Region Official Plan, as amended. A map of the Region’s existing urban structure is included for reference as Attachment 1. The specific boundaries of these areas are set out in the official plans of local municipalities. Affordability challenges and the purpose built rental housing shortage in York Region are so severe and geographically wide-spread, opportunity to promote new developments should not be restricted. However, an evaluation process would prioritize developments in local and regional centres and corridors.

The Community Improvement Plan will allow for local municipal participation

The CIP will require local municipalities to offer similar or better incentives than those provided by the Region. The Guideline does not prescribe which incentives local municipalities should offer, nor that they be evaluated on absolute dollar value. In addition to the regional scale incentives offered, local municipalities will be able to leverage incentives through mechanisms such as development application and building permit fees, parkland dedication, parking reductions and height and density exchanges in accordance with Section 37 of the *Planning Act*. In the case a local municipality is contemplating the provision of grants, staff are structuring the CIP to allow for local municipal participation. To participate in an upper-tier CIP, enabling policies will be required in local municipal Official Plans.

Rental Housing Incentives support the Region's Strategic Policy Framework

The development of the Guideline and associated CIP support all plans identified in the Region's strategic policy framework, including:

- Vision 2051 goal for Appropriate Housing for All Ages and Stages
- Regional Official Plan objective to promote an appropriate mix and range of acceptable housing to meet the needs of residents and workers
- 2019 to 2023 Strategic Plan objective of delivering and promoting affordable housing

5. Financial

As was recommended in the June 2018 [Draft Rental Housing Incentives Guidelines and Community Improvement Plan](#) staff report, a letter has been submitted to the Ministers of Finance and Municipal Affairs and Housing to request assistance to help fund rental housing incentives by allocating funds from the [Non-Resident Speculation Tax](#) collected in York Region. A response from the Province has not been received at this time.

No budget is being requested at this time. Budget for the Rental Housing Incentives CIP will consider any rental housing funds committed from the Province, the final regional incentives once approved and the number of units targeted. This information and an approach to the budget will be proposed to Regional Council with the final Guideline and CIP.

It is staff's intention the final CIP will continue to incorporate evaluation criteria that identify alignment of proposed developments with Regional planning and housing objectives such as alignment with the urban structure and transportation investments, and the depth or duration of affordability incorporated in the development. At the onset of the program, staff intend to use a "first come, first serve" approach. In the event the budget is met in a given year, a competitive process may be initiated in the following year using the evaluation process as a guide.

6. Local Impact

The provision of a full mix and range of housing options, including purpose built rental options is a priority for the Region and its local municipalities. Through the Guideline and associated CIP, local municipalities will be provided the opportunity to participate in the Region's CIP. A development supported by the Region will also require support from the local municipality it is located in. Local municipal participation in the Region's CIP will streamline this process across the Region.

7. Conclusion

For a number of years Council has worked to address the affordability challenges and the severe lack of purpose built rental housing in York Region. Through these ongoing efforts,

Council has endorsed a Draft Guideline and has authorized staff to initiate a CIP to implement the Guideline. This report advances the CIP process by seeking Council to enact a by-law to designate areas in York Region as a Community Improvement Project Area for affordable rental housing incentives.

For more information on this report, please contact Danielle De Fields, Manager, Policy and Environment at 1-877-464-9675 ext. 71525. Accessible formats or communication supports are available upon request.

Recommended by: **Paul Freeman, MCIP, RPP**
Chief Planner

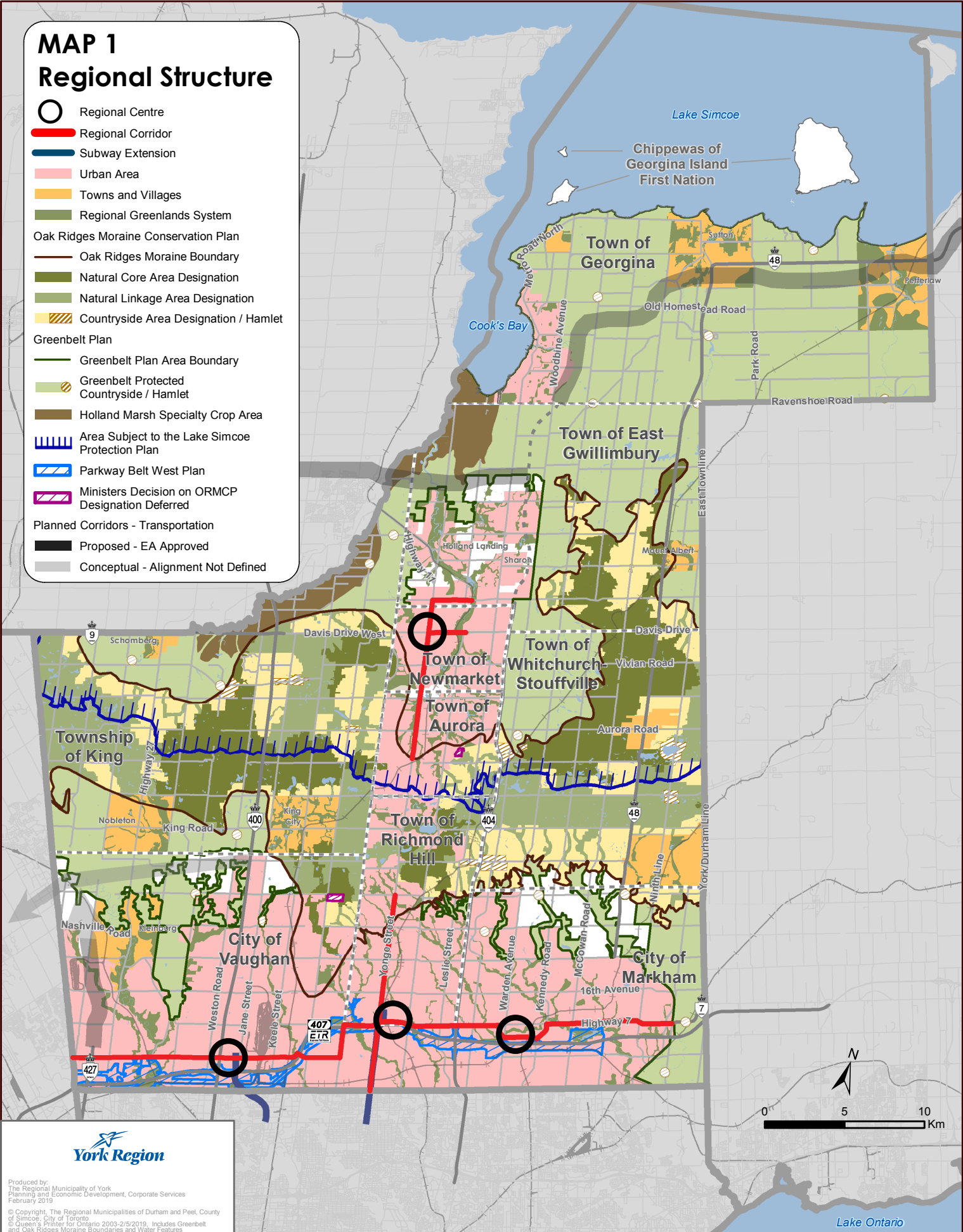
Dino Basso
Commissioner of Corporate Services

Approved for Submission: **Bruce Macgregor**
Chief Administrative Officer

Attachment (1)
February 22, 2019
eDOCS# 9095633

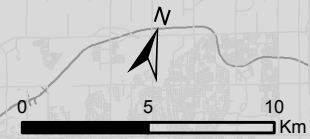
MAP 1 Regional Structure

-  Regional Centre
-  Regional Corridor
-  Subway Extension
-  Urban Area
-  Towns and Villages
-  Regional Greenlands System
- Oak Ridges Moraine Conservation Plan
 -  Oak Ridges Moraine Boundary
 -  Natural Core Area Designation
 -  Natural Linkage Area Designation
 -  Countryside Area Designation / Hamlet
- Greenbelt Plan
 -  Greenbelt Plan Area Boundary
 -  Greenbelt Protected Countryside / Hamlet
 -  Holland Marsh Specialty Crop Area
 -  Area Subject to the Lake Simcoe Protection Plan
 -  Parkway Belt West Plan
 -  Ministers Decision on ORMCP Designation Deferred
- Planned Corridors - Transportation
 -  Proposed - EA Approved
 -  Conceptual - Alignment Not Defined



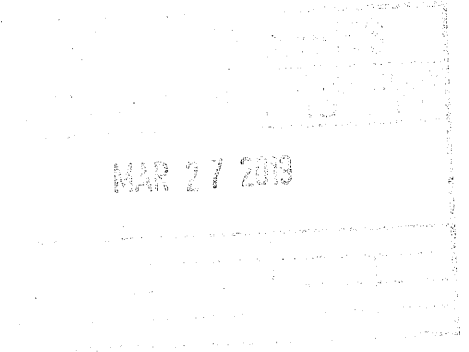
Produced by:
The Regional Municipality of York
Planning and Economic Development, Corporate Services
February 2019

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© Queen's Printer for Ontario 2003-2/5/2019. Includes Greenbelt and Oak Ridges Moraine Boundaries and Water Features



March 22, 2019

Ms. Kiran Saini
Acting Director of Legislative Services/Town Clerk
Town of Newmarket
395 Mulock Drive, P.O. Box 328
Newmarket, ON L3Y 4X7



Dear Ms. Saini:

Re: Economic Development – 2018 Year in Review

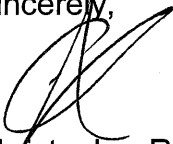
On March 21, 2019 Regional Council adopted the following recommendations:

1. The Economic Development – 2018 Year in Review (Attachment 1) be posted on the york.ca and yorklink.ca websites and circulated by the Regional Clerk to local municipalities, local chambers of commerce and boards of trade, ventureLAB, York Region Arts Council, York University, Seneca College, the Workforce Planning Board and Toronto Global.

The original staff report is enclosed for your information.

Please contact Doug Lindeblom, Director, Economic Strategy at 1-877-464-9675 ext. 71503 if you have any questions with respect to this matter.

Sincerely,



Christopher Raynor
Regional Clerk

Attachments

The Regional Municipality of York

Committee of the Whole
Planning and Economic Development
March 7, 2019

Report of the Commissioner of Corporate Services and Chief Planner

Economic Development – 2018 Year in Review

1. Recommendation

The Economic Development – 2018 Year in Review (Attachment 1) be posted on the york.ca and yorklink.ca websites and circulated by the Regional Clerk to local municipalities, local chambers of commerce and boards of trade, ventureLAB, York Region Arts Council, York University, Seneca College, the Workforce Planning Board and Toronto Global.

2. Summary

This Report provides a summary of the Economic Development – 2018 Year in Review publication, which highlights economic activity in the Region and the impact of York Region programs on business and job growth.

Key Points:

- York Region continues to be a top destination for business growth as a result of its strong labour force supported by on-going urban infrastructure investments
- Regional research, marketing, innovation and business advisory programs, delivered collaboratively with local municipalities and business stakeholders, have contributed to business growth and success
- Regional business advisory services have facilitated close to 3,700 new and expansion jobs across the Region since 2010
- The Economic Development Action Plan, which guides all Regional economic development programs, will be updated and presented to Council later in 2019

3. Background

Business and job growth are fundamental to the Region's success

Economic vitality remains a strategic priority and cornerstone for building a prosperous Region. The importance of a strong economy is identified in strategic guiding documents of Council, including Vision 2051, the York Region Official Plan, 2010 and the Strategic Plan.

Business and job growth are fundamental to the Region's economic vitality and quality of life. Attracting and retaining a variety of high quality jobs across a broad range of sectors promotes economic resilience and helps ensure those living in York Region have the opportunity to work where they live.

The Council-approved Economic Development Action Plan guides business-support programs and activities

Council approved the Economic Development Action Plan 2016 to 2019 on January 21, 2016. The Plan guides the economic development activities of the Region and outlines programs that explore the Region's economy and business needs, connects businesses into a network that promotes innovation and growth, and shares success stories with audiences to generate interest and excitement both within and outside York Region. The Plan calls for Council to receive an annual update on business activity in the Region and the impact and results generated by Regional programs.

4. Analysis

York Region job growth outpaced national, provincial and GTA labour force employment growth

The Toronto economic region (represented as the GTA in Table 1) continues to be one of the fastest growing urban areas in Canada. The 2016 Census estimated total employment in the GTA is over 3.5 million jobs. A significant portion of this employment is accommodated within large municipalities in the north, west and central areas of the GTA, including York Region.

Employment growth in York Region outpaced national and provincial employed labour force growth at 2.4% between mid-year 2017 and mid-year 2018. Over the past five years York Region has grown at an average annual rate of 2.6%, outperforming average growth rates in the national (1%), provincial (1.2%) and GTA (1.6%) economies. Growth rates in the national economy appear to have peaked and are widely expected to moderate through 2019-2020 according to TD Economics.

Table 1
Comparison of Annual Labour Force and Employment Growth Rates: Canada, Ontario, GTA and York Region, 2013-2018

	Canada	Ontario	Greater Toronto Area ¹	York Region ²
2013-2014	0.5%	0.5%	-1.5%	1.4%
2014-2015	1.0%	1.1%	4.3%	2.6%
2015-2016	0.4%	0.5%	0.9%	3.7%
2016-2017	2.1%	1.8%	1.4%	3.0%
2017-2018	1.1%	2.0%	2.8%	2.4%
5 year average	1.0%	1.2%	1.6%	2.6%

Source: York Region Planning and Economic Development Branch, 2018 and Statistics Canada's Labour Force Survey, 3-month moving average, unadjusted for seasonality, ending in August 2018

¹Greater Toronto Area labour force employment growth approximated by the Toronto Economic Region

²York Region figures based on 2018 employment survey results and estimates for home-based, farm-based, and no contact businesses

York Region is a top business destination

York Region is located in one of the most attractive and vibrant economic areas in North America and is well positioned to address challenges and capitalize on opportunities in the economy. The Region's economy is supported by core attributes of strong population and employment growth, a skilled labour force, a high quality of life that attracts talent, established and diversified industry clusters, major infrastructure and transportation investments, and locational and accessibility factors, amongst others.

York Region's major infrastructure investments are a catalyst for economic growth

The Region's commitment to infrastructure investments and transportation expansion is enabling business growth. Viva bus rapid transit and the Spadina Subway extension into Vaughan support tremendous office and residential construction and business attraction. Regional Council continues to place a priority on future infrastructure improvements such as the Yonge subway extension that will support new business opportunities.

As the Region's urban structure continues to evolve and the Regional Centres and Corridors mature, these core attributes combined with the Region's office real estate, digital broadband infrastructure and innovation, help maintain and promote York Region's continued competitiveness as a top business location in the Greater Toronto Area.

Many factors impact businesses' ability to grow and prosper

York Region is not an isolated economy, and local business and employment growth are closely tied with external economic conditions, trends, and government policies. Examples of external and macro-level factors that have a direct impact on York Region's economic growth prospects include exchange and interest rates, costs of doing business (e.g. hydro rates, corporate taxes, labour force costs, etc.), business regulations, the labour force pool (e.g. educational institutions, immigration etc.), business incentives, U.S. and global trade agreements, and capital markets. York Region's continued shift toward a knowledge-and-services-based economy is an example of the impact of such external factors.

Regional programs support growth of local businesses and jobs

Job growth is a key priority of Council and the delivery of regional Business Retention, Expansion and Attraction (BRE&A) advisory services is a key program undertaken with local municipalities and service delivery partners. York Region's Economic Development Action Plan addresses key economic challenges and opportunities facing York Region and translates them into economic action areas for programs.

In collaboration with local municipalities and a network of business partners, York Region's Economic Strategy division provides services in the areas of business advisory, economic research, innovation, and investment attraction marketing and sales. Innovation and business expansion/attraction are supported region wide via the Region's Investment and Marketing York Link campaign and the Strategic Economic Initiatives programs. Entrepreneurship services are delivered in York Region's northern six municipalities by the York Small Business Enterprise Centre (YSBEC).

Regional BRE&A advisory services are focused primarily on knowledge-based sectors and customized to client needs. These services augment and extend the reach of corporate call programs undertaken at the local municipal level by leveraging the regional network of service delivery partners. Business advisory services include marketing support through York Link to facilitate corporate public relations and talent attraction, corporate introductions across municipal boundaries, domestic business attraction outreach and sales, in-market export connections, and expert support with government programs in the areas of hiring, training, research and development, and export. Regional staff also provides small business and entrepreneurship advisory services in the Region's northern six municipalities through the YSBEC.

Regional business advisory services facilitated the creation of about 3,700 new and expansion jobs across York Region since 2010

Since 2010 regional BRE&A advisory services in collaboration with local municipalities facilitated the creation of about 3,700 new and expansion private sector jobs across York Region. It also helped retain thousands of local jobs as companies regularly assess their location options related to operational and talent attraction needs.

In 2018 York Region's business advisory teams engaged over 800 businesses and entrepreneurs and delivered 250 in depth BRE&A consultations. YSBEC delivered core small business consulting services to hundreds of clients, as well as the "Starter Company Plus" program with funding from the Ministry of Economic Development Job Creation and Trade. In total, 17 YSBEC clients received \$85,000 from the Starter Company Plus program in 2018. The YSBEC Summer Company program also produced positive results in 2018 with the 12 participating students learning about everything from market research to sales and business planning. The YSBEC participated in Staples Day on July 4 and the student businesses gained exposure through CBC Radio Canada and local media.

The attached '2018 Year in Review' highlights key business updates from across York Region last year, including some of the success stories facilitated through regional programs.

Partnerships are key to support business growth across the Region

York Region staff also facilitated business advisory initiatives undertaken by local municipalities and support Toronto Global in its mandate to attract Foreign Direct Investment (FDI) to the Greater Toronto Area (GTA) and York Region. In collaboration with the Province and other stakeholders, York Region continues to support ventureLAB, the Regional Innovation Centre that helps entrepreneurs grow globally competitive companies.

York Region's Economic Strategy division maintains an extensive network of business advisory partners and multipliers in both the private and public sector to facilitate BRE&A. An example is the collaboration with the Council of Canadian Innovators (CCI) to support the growth and policy advocacy needs of local technology scale ups. In 2018, work with CCI included targeted business introductions and a CEO business roundtable led by CCI Chair and former Blackberry CEO Jim Balsillie.

In collaboration with York University/Yspace and the Small Business Enterprise Centres in Richmond Hill, Vaughan and Markham, YSBEC co-developed and delivered a 12 week entrepreneur certification program (Founder Fundamentals), training 40 entrepreneurs.

Marketing through 'York Link' facilitates business growth and retention in York Region's knowledge-based industry sectors

Launched in mid-2016, the York Link marketing strategy promotes York Region as the place "Where Talent and Opportunity Intersect." It reinforces direct-to-business advisory services with robust dedicated digital media platforms, regional scale marketing initiatives, and leverages content and competitive value propositions developed through on-going business and economic research. York Link is focused on building awareness of York Region as a destination of choice for knowledge-based employers, particularly in office locations in and around the Region's centres and corridors. It showcases the Region as a place where businesses thrive in a fast growing and urbanizing environment by having access to the right resources, within communities that offer a desirable lifestyle for skilled professionals.

York Link has become a recognized brand within the business community in the Region and GTA. York Link's social media channels (Twitter, Facebook, LinkedIn) grew in 2018, as follows:

- Total number of followers in 2018 reached 22,000 across platforms, representing an 18% year over year increase
- Content posts on the channels in 2018 generated 2.2 million user views (Impressions) and 27,240 user engagements
- York Link's website generated 33,000 visits in 2018 with 106,300 total Page Views

York Link's social media channels continue to demonstrate direct impact on business decision makers with meaningful third party message amplification and endorsement by private sector companies, business leaders, and upper level government agencies.

The Region also engages in awareness building initiatives beyond York Link

Notable marketing initiatives beyond York Link in 2018 included:

- Leveraging the Region's corporate digital channels, which combined have more than 67,000 followers and subscribers
- A feature story in MaRS' latest 'Wired Different' technology magazine, distributed by Invest Canada at Web Summit in Lisbon, the worlds' largest technology showcase
- Collaboration with local chambers of commerce and boards of trade in hosting the annual Colossal Chamber Networking Event
- Showcasing York Region's technology sector opportunity at the 2018 'Toronto Tech Summit' in downtown Toronto

Regional staff also initiated a project with the City of Toronto, local municipalities and the private sector to showcase York Region's technology eco-system at North America's fastest growing technology event - Collision Conference – that for the first time will move from the U.S. to Toronto in 2019.

Entrepreneurship and innovation continues to be important to support business and job growth

The Economic Strategy program continues to include entrepreneurship and innovation initiatives that support development of a strong economy. These include:

- Delivering the 4th Annual Broadband and Innovation Summit and the second Fintech summit, attracting more than 450 attendees from more than 200 organizations.
- York Region was named to the ICF Top 10 Intelligent Communities around the world with a population over one million.
- Overseeing the launch of YTN Telecom Network Inc., now York Net.

- Supporting ongoing efforts to secure funding from the Federal Connect to Innovate (CTI) to enable improvements in broadband connectivity for York Region's rural communities and the Chippewas of Georgina Island First Nation.
- Collaborating with York University to deliver three networking events at the YSpace Innovation and Entrepreneurship Hub. This connected local employers with York University's experiential learning education programs in support of the Markham campus.
- Through the York Small Business Enterprise Centre (YSBEC), collaborating with the small business enterprise centres in Richmond Hill, Vaughan, and Markham, along with York University/YSpace, to develop and deliver a 12 week entrepreneurship certification program called Founder Fundamentals. Through this initiative 40 entrepreneurs received training and thirteen were awarded grants totalling \$65,000.
- Two success stories from the YSBEC Starter Company Plus program in 2018 included:
 - PhysActiv Sports Medicine: owned by an accomplished registered physiotherapist with limited business experience. Through the program, he was able to expand to additional locations, improve marketing and connect with additional clients.
 - Moregridge: a consumer-first digital mortgage platform for mortgage brokers and agents. With assistance of the program, Moregridge developed a business plan and received training, mentoring, and a \$5,000 grant. Moregridge has since closed their first investment of over \$500,000, partnered with Finastra, Teranet, and Nationwide, and won People's Choice Award at the York Region Fintech Summit.
- Hiring an Agriculture and Agri-Business Specialist and collaborating with Environmental Services in delivery of the first Agri-Food Networking Forum in Vaughan, attended by 55 agri-food stakeholders, including processors, retailers and food service organizations.
- A total of 190 York Region companies took advantage of ventureLAB services including events, workshops, clinics and mentoring. In addition, nine York Region companies were able to raise \$18M in public and private funding with ventureLAB support.

A proposed update to the Region's Economic Development Action Plan will be presented to Council later in 2019

The Economic Development Action Plan is updated with each new term of Council. With the approval of a new Strategic Plan and four year budget, it is appropriate to revisit the current Action Plan to ensure alignment with Council priorities and the ongoing Municipal Comprehensive Review that includes the review of Vision 2051 and the Regional Official Plan. Several local municipalities have updated, or are in the process of updating their local economic development plans. It is important to continue to ensure the Region's Action Plan aligns with and supports local priorities. Work is underway to review the Economic Development Action Plan and a report will be presented to Council in 2019.

5. Financial

Costs associated with the Economic Strategy program and Economic Development – 2018 Year in Review publication are included in the approved Planning and Economic Development division budget.

6. Local Impact

Local municipalities are key delivery partners of the Region's Economic Strategy program. The goals and actions developed in the Economic Development Action Plan 2016 to 2019 are designed to complement local strategies, initiatives and messaging. The Region and local economic development offices work together on program development, delivery of events and joint client servicing when appropriate. The Region and local economic development offices meet three to four times a year along with other key program delivery partners to coordinate activities and share best practice. Local municipalities will also be consulted and local plans considered during development of the updated Action Plan.

7. Conclusion

York Region continues to be an attractive place for residents and businesses to locate and invest. The Region, in partnership with local municipalities and other economic delivery partners, has made an impact on this success through business supportive programs. The attached Economic Development – 2018 Year in Review document highlights economic activity and the impact of York Region programs on business and job growth.

For more information on this report, please contact Doug Lindeblom, Director, Economic Strategy at 1-877-464-9675 ext. 71503. Accessible formats or communication supports are available upon request.

Recommended by:

Paul Freeman, MCIP, RPP
Chief Planner

Dino Basso
Commissioner of Corporate Services

Approved for Submission:

Bruce Macgregor
Chief Administrative Officer

February 22, 2019
Attachment (1)
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YORK REGION | ECONOMIC DEVELOPMENT 2018 YEAR IN REVIEW

REFLECTING ON
YSPACE'S FIRST YEAR

P.12

YORK REGION: **WHERE TECH**
COMPANIES GO TO SCALE UP

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YORK LINK WINS AN **EDCO**
AWARD OF EXCELLENCE

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WHERE IS THE PROVEN
AUTOMOTIVE TECH CLUSTER
IN THE GTA?

P.34



Construction of York Region's Administrative Centre Annex is well underway in the Town of Newmarket. Located next to the Administrative Centre – York Region's headquarters – the Annex building will offer a variety of public services to residents which will realize York Region's long-term plan to consolidate a variety of community, health and courts services into one central, fully-accessible, modern facility.



YORK REGIONAL COUNCIL | 2018 - 2022



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City of Markham



Regional Councillor
Don Hamilton
City of Markham



Regional Councillor
Jack Heath
City of Markham



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Town of Richmond Hill



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Maurizio Bevilacqua
City of Vaughan



Chairman & CEO
Wayne Emmerson



Regional Councillor
Joe DiPaola
Town of Richmond Hill



Regional Councillor
Mario Ferri
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City of Vaughan



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Iain Lovatt
Town of Whitchurch-Stouffville

A MESSAGE FROM YORK REGION CHAIRMAN AND CEO AND MEMBERS OF REGIONAL COUNCIL

The Regional Municipality of York is where talent and opportunity intersect. Home to 52,000 businesses with 636,000 employees across York Region, we are an economic powerhouse and a destination of choice for business growth.

Economic vitality remains a key priority for York Regional Council and the success of our efforts relies on the strength of collaboration and partnership. Highlights include:

- Establishing *YorkNet*; York Region's separate corporate entity to further support broadband initiatives
- Outpacing provincial and national job growth rates
- Connecting more than 450 business and industry leaders at *York Region's Broadband and Innovation and FinTech Summits*

As we look ahead to this new term of council, we are focused on supporting existing businesses, welcoming new opportunities and driving innovation and job growth.



Regional Councillor
Carmine Perrelli
Town of Richmond Hill



Mayor
John Taylor
Town of Newmarket



Regional Councillor
Tom Vegh
Town of Newmarket


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WELCOME TO THE YORK REGION ECONOMIC DEVELOPMENT YEAR IN REVIEW

2018 was another progressive year for York Region's growing business community. This publication provides an overview of the key business and economic development success stories in the region throughout the year.

The *Business Community & Ecosystem Highlights* includes stories that were released through third-party sources, demonstrating how York Region continues to be a leading destination for investment, innovation, and talent in the Greater Toronto Area (GTA) and Canada.

The *Economic Development Highlights* focus on some of the key activities and achievements in 2018 of York Region's economic development team. In collaboration with local municipalities, stakeholders and other partners, these initiatives are making a real impact on York Region's business community and economic growth.

The *Economic Indicators* provide a summary of key business data and economic statistics, underscoring York Region's continued economic strength and importance as Ontario's third largest municipality and business centre.

Enjoy the 2018 York Region Economic Development Year in Review!

WHERE TALENT AND
OPPORTUNITY INTERSECT



YORK REGION: WHERE TALENT AND OPPORTUNITY INTERSECT

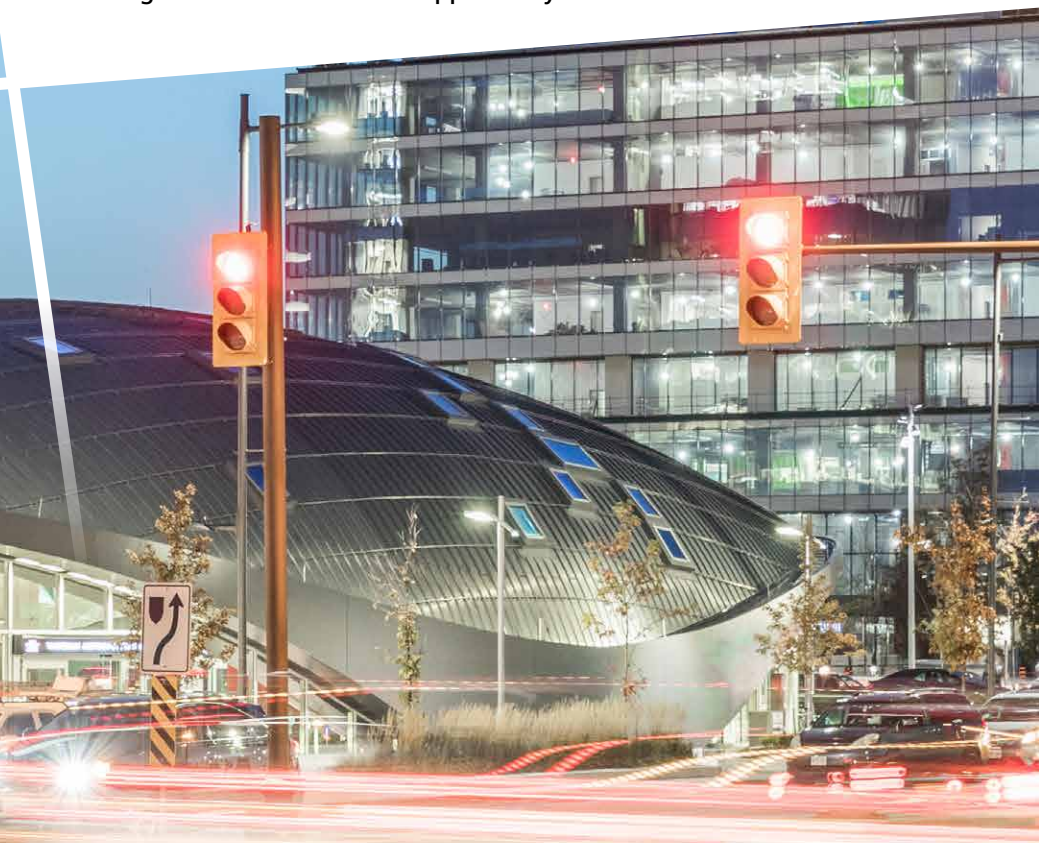
York Region is a vibrant, multi-faceted confederation of nine municipalities in the Greater Toronto Area. The region is home to 1.2 million residents, 52,000 businesses, 636,000 jobs, and four provincially-designated urban growth centres. York Region has the second highest number of technology companies in Canada, second largest financial services cluster in Ontario and one of the country's largest manufacturing and construction industry clusters, making it an economic powerhouse.

With the fastest population growth rate of any large municipal jurisdiction in Ontario, York Region is expected to grow to more than 1.8 million people and 900,000 jobs within the next 25 years. Residents find York Region to be a highly desirable community offering a unique mix of urban amenities, spacious neighbourhoods, protected green lands and a top quality of life – all in the heart of the GTA - Canada's largest metropolitan area. Moreover, as Ontario's third largest business centre, York Region is also a top destination for business, talent, and investment.

With York Region's strategic location in the heart of the GTA, businesses and residents have access to a variety of transit and transportation options. And as the economy and population continue to grow in the Region, so do investments in public infrastructure and services.

In particular, major public- and private-sector investments are underway in York Region's urban growth centres of Markham Centre, Vaughan Metropolitan Centre, Richmond Hill Centre, and Newmarket Centre. These growth centres represent a total of 1,700 acres of mixed use urban communities, making them a highly desirable location for professionals and knowledge-based employers.

York Region is where talent and opportunity intersect!





BUSINESS COMMUNITY & ECOSYSTEM HIGHLIGHTS

York Region's local business community and innovation ecosystem regularly earn media coverage for their progressive technology, innovation, growth, and job creation. The selected highlights included are just a glimpse at the news that was shared on yorklink.ca and York Link's social media channels over the past year. It is easy to see why York Region is known as a leading destination for talent and business investment.



LAIPAC TECHNOLOGY TAKES TOP HONOURS AT 2018 ONTARIO EXPORT AWARDS

Ontario Export Awards | [Richmond Hill](#)

Richmond Hill-based Laipac Technology took home the top honour as the 2018 Ontario Exporter of the Year, as well as, the sector award for consumer products. Ontario companies were recognized for their accomplishments in exporting at the fifth annual Ontario Export Awards, held November 20, at the International Centre in Mississauga.

These prestigious accolades recognize the contributions Ontario businesses make to the province's export sector.

The winners, selected from a pool of more than 40 applicants, showcase the high-calibre and diversity among businesses in Ontario's export sector.

U.S.-BASED DECISIVEDGE OPENS OFFICE IN ONTARIO, SEEKING NEW TALENT

Computer Dealer News | [Markham](#)

A business consulting and technology services firm from Newark, Delaware is expanding its lending and leasing software across Canada by setting up its first Canadian office in Markham.

DecisivEdge LLC., a managed service provider which has clients around the world, including in Canada, decided to push further into the market north of the border at the end of last year leading to this new office in Markham.

DAISY INTELLIGENCE SECURES \$5-MILLION FUNDING FROM ESPRESSO CAPITAL

Business Insider | [Vaughan](#)

Daisy Intelligence Corporation, an artificial intelligence software-as-a-service platform, captured first place at the ElevateR Pitch: AI Edition held in Toronto in November.

The pitch competition was open to Canadian corporations working in AI or an adjacent industry with less than \$10 million in revenue or funding. Selected from an overwhelming volume of submissions, 16 finalists pitched onstage to a panel of investors, celebrities, and media personalities for an opportunity to win.

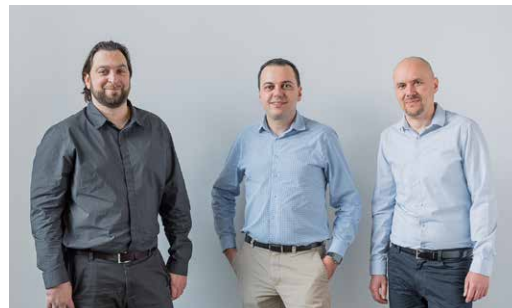


FAST GROWING ELASTIC PATH OPENS NEW OFFICE WITH PLANS TO HOUSE EXPANDED R&D AND SALES TEAMS

Markets Insider | [Markham](#)

Elastic Path, a leader in enterprise headless commerce solutions, announced it opened a new Canadian location in Ontario, in the Toronto area [of Markham], following a recent \$43-million funding round and a series of new key executives and upper management hires.

Headquartered in Vancouver, Elastic Path's Toronto area office will house expanded research and development, as well as, sales and customer success teams.



CYBEATS OPENED ITS FIRST OFFICE AND RECEIVES \$3-MILLION INVESTMENT

Business Wire | [Aurora](#)

Cybeats, a startup tech company that seeks to protect IoT devices from cybersecurity threats opened its first official office in Aurora. The company has raised \$3-million in funding from a number of venture capital firms to expand the team in York Region and abroad. The funding will be used to expand sales, research and development, and Cybeats' enterprise capabilities.

Cybeats was also crowned champion in two categories at the inaugural IoT Global Awards 2018 in London competing against 149 companies. The company's software is embedded into Enterprise IoT devices on infrastructure such as power grids to provide continuous protection, allowing devices to detect the most sophisticated threats instantly and help companies neutralize them.



CELESTICA CELEBRATES GRAND OPENING AT ITS NEWMARKET FACILITY

Newmarket Today | [Newmarket](#)

A courtship that was three years in the making was made official today as electronics manufacturer, Celestica International Inc., celebrated its grand opening in Newmarket.

The global company's new manufacturing facility at 213 Harry Walker Dr. in Newmarket and is now home to hundreds of employees who were relocated from Celestica's former Don Mills location. A hiring outreach is already underway to fill new jobs at the plant, including electronics assemblers, shipping and receiving specialists, mechanical assemblers and electronics technicians.

"Over 24 years, our business has changed dramatically, but what remains unchanged is our staff," Celestica's Newmarket site general manager, Darryl Sills, said. "I want to thank employees of this new site for their dedication. Their acceptance of change has been our biggest success to date. They've had to make many small and large personal sacrifices and I truly appreciate it."



PwC TOWER TOPPED OUT AND ENCLOSED

Urban Toronto | [Vaughan](#)

The Vaughan Metropolitan Centre has been growing with new mixed-use development over the past few years construction of the TTC subway extension kicked off construction years ago. In the last year, the Toronto-York subway extension has brought rapid transit service to Vaughan; a new bus terminal is under construction, and construction of the new nine-storey PwC Tower with a YMCA and public library has made significant progress and expected to open in 2019. The building will also house a 10,000 square foot Vaughan public library branch, a new YMCA, and retail space.



PLANT THAT AIMS TO BUILD CHARGING STATIONS FOR ELECTRIC VEHICLES OPENS

CBC | [Markham](#)

Ontario's first manufacturing plant that makes charging stations for electric vehicles opened in Markham. "The electric car is here and it's here to stay," says Autochargers.ca CEO Gleb Nikiforov. Autochargers.ca, is a national company that supplies charging equipment for electric vehicles. Nikiforov went on to say the plant [in Markham, York Region] aims to manufacture 40,000 charging stations a year, starting in 2019, and aims to create one hundred jobs over the next three years.

REFLECTING ON YSPACE MARKHAM'S FIRST YEAR

Strengthening the relationship with York Region has always been a priority for York University. Although there are many exciting initiatives underway, one new success story remains at the forefront: YSpace.

The 10,000-square-foot facility in Markham Centre, is a community innovation hub supporting a growing number of entrepreneurs and innovators by providing dynamic co-working space, access to industry advisers, education, workshops and high-end technology.

Part of Innovation York's entrepreneurship portfolio, YSpace opened its doors in January 2018. Since then, demand from entrepreneurs, organizations and startups has been high. In less than a year, YSpace has experienced significant growth in all activity areas and, as a result, has doubled the size of its incubator. The innovation hub is currently home to 22 startup ventures and 11 entrepreneurs in residence (EiRs), and has held over 110 events for the community.

"We're dedicated to creating an environment where entrepreneurs can collaborate and push one another to new levels," said David Kwok, YSpace manager. "In the past year, we've created a diverse community by bringing in technology, digital marketing agencies, food retail startup ventures and many others into the space. The diversity in perspectives as well as industries has helped them learn from one another and overcome individual business challenges."

YSpace members have exclusive access to perks and programming that will help propel their ventures to the next level through access to EiRs, industry and funding professionals; discounts to law and prototyping firms; ongoing mentoring and support by the YSpace team; and access to programming that is designed to help push the ventures from one stage of their life cycle to the next.

The value of creating an innovation space in Markham Centre is not only to support student, faculty and community entrepreneurs, but to create an innovative community that can then connect back and bring value to the University.

There are multiple examples of student and recent alumni ventures in the space, of ventures entering into collaborative research partnerships with faculty members on campus, and of students obtaining experiential learning and work opportunities with the ventures. Creating connections between YSpace and the existing campuses is of paramount importance, which will only continue to increase as York University moves towards building a new campus in Markham.

Within the first year, YSpace members have created 63 jobs, generated over \$2.4 million of revenue and raised over \$1.1 million in funding.

"YSpace is an amazing incubator filled with knowledgeable, like-minded, entrepreneurs. As a York University student, I love the opportunity to connect with like-minded entrepreneurs who are at a similar stage," said Giancarlo Sessa, co-founder of Blade Filters Inc. "It is a community with a positive work environment where everyone hustles and shares their secrets to success. YSpace has given us access to equipment for testing, mentors to help us overcome roadblocks and meetings with potential mentors, funders and resources."

YSpace brings a lot of value to the entrepreneurial ecosystem as well, through its programming and events. An example is the Founders Fundamentals collaboration between Innovation York and the Small Business Centres throughout York Region, including Markham,

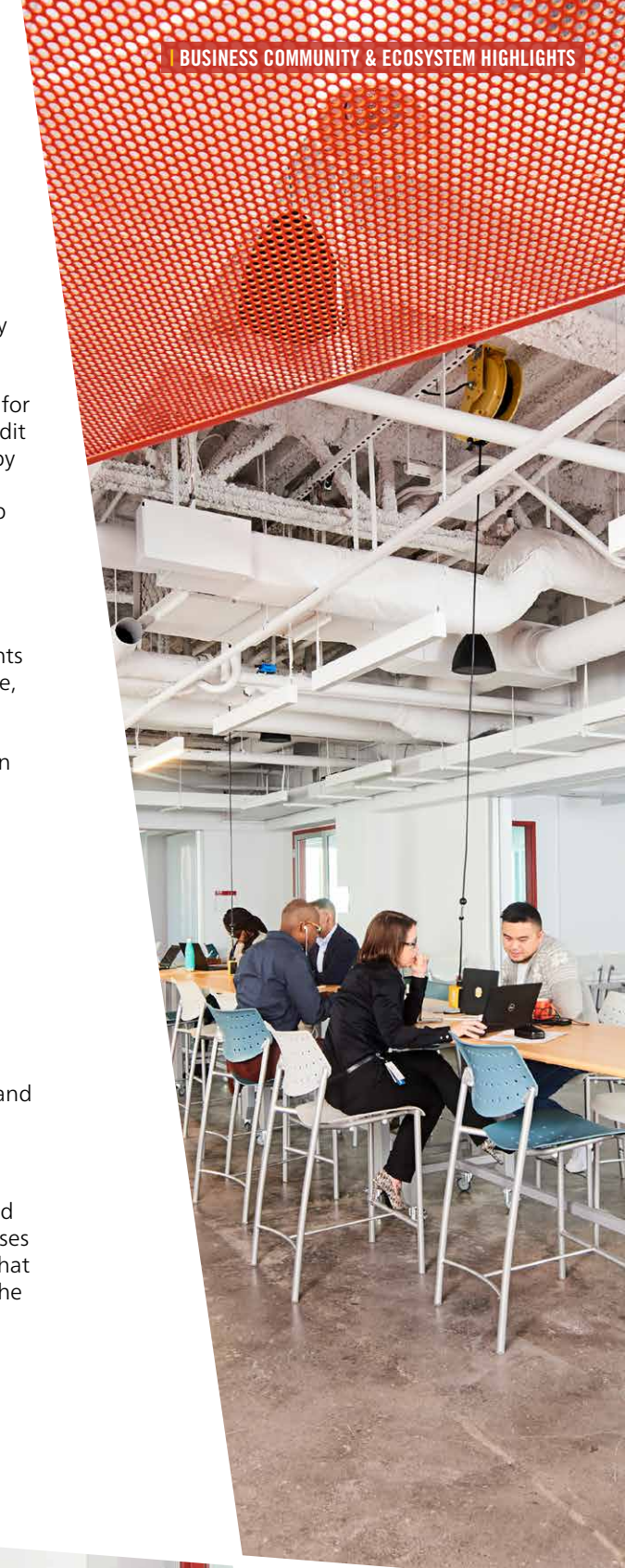
Richmond Hill, Vaughan and the Northern Six. This program gives entrepreneurs across the region an opportunity to learn about entrepreneurship and grow their businesses.

Other examples are the Youth Innovation by Design program and the York Region District School Board (YRDSB) co-op program. Every summer, 20 Grade 12 students go to YSpace for the month of July and participate in a for-credit innovation course developed and delivered by Innovation York and the YRDSB. In addition, in July 2018, five YRDSB students spent co-op terms in YSpace startups.

"Partnering with the YRDSB and bringing youth into YSpace has been really exciting – not only do they bring a special energy, but there's so much that the ventures and students can learn from one another," said Sarah Howe, Director, Innovation York. "This year we saw lots of interaction between the students and entrepreneurs – entrepreneurs participated in the summer school programming and co-op students made valuable contributions to the ventures. It was really very exciting to see."

As its first anniversary approaches, YSpace will continue to work closely with industry and community partners to develop new programs that can support University and community entrepreneurs, as well as create value for York University as a whole. The hub will also continue to build a cohesive innovation ecosystem within York Region, creating a community where entrepreneurs and innovators can effectively collaborate.

It has been an amazing first year. YSpace is creating a thriving and robust pipeline of startup talent to help entrepreneurs build and scale their sustainable and impactful businesses north of the downtown Toronto core. With that kind of momentum, there's no telling what the next year will hold.



By YORK UNIVERSITY

Originally appeared in:

Y-FILE

January 2019

EXCO ENGINEERING AMONG FINALISTS FOR U.S. AUTO AWARD

Yorkregion.com | [Newmarket](#)

For the “first time,” the Newmarket-based Exco Engineering is among other finalists competing for the 2019 Automotive News PACE Awards in Detroit, dubbed as the “Academy Award for Innovation” for auto-parts suppliers.

Within its 135,000 square-foot plant in Newmarket, “what makes us special” is that Exco has “developed the processes necessary to push 3D printing or additive manufacturing into mainstream production,” Wes Byleveld, Exco’s director of additive manufacturing told York Region.

GRAYBAR TO OPEN LARGEST BRANCH

Electrical Business | [Vaughan](#)

Graybar Canada, a wholesale distributor of electrical products, opened its largest branch to-date in Vaughan. The 90,000-square-foot facility is located near the intersection of Highways 427 and 407.

“For several years, we’ve been looking at ways to grow in the GTA,” says Brian Thomas, Graybar’s executive vice-president and General Manager. “...it makes sense for us to position ourselves in a central location.”

WYSDOM.AI NAMED TOP TEN CHATBOT SOLUTION, AWARDED TWO NEW PATENTS

CIO Applications | [Richmond Hill](#)

CIO Applications has named Wysdom.AI one of their Top Ten Chatbot Solution Providers. As a multi-channel cognitive care solution, Wysdom helps enterprises deliver automated AI-based support to their customers across all digital channels.

Chatbots are seeing wide adoption across many industry verticals, and quickly becoming the standard for customer service.

In the wake of these developments, CIO Applications assembled a panel comprising CEOs, CIOs, CTOs, industry analysts, and CIO Applications’ editorial board, to select the leading providers that exhibit competence in delivering mature chatbot solutions.

BIG DATA NEEDS BIG STORAGE BUILDINGS

The Globe and Mail | [Richmond Hill](#)

Data Centre One in Richmond Hill, was 50% occupied when it opened in 2017. The second is under construction, and ultimately there will be as many as five. Urbacon has now formed a joint venture with Summit Industrial Income REIT to develop, own, or operate data centres across Canada, including those in York Region.



LOCATION IS DESTINY FOR AMD MARKHAM

GraphicSpeak | [Markham](#)

AMD Markham is an integral part of the AMD whole. The Markham offices are populated almost entirely by engineers and technical staff and the group works on all the AMD products, including hardware and software.

Once again, the company’s geographic location is part of its advantage. Canadian companies are strong in software development so the company has a large pool of local talent to draw from. Much of AMD’s software capability is now located in Markham and is providing expertise in all aspects of software including drivers, libraries, development tools, middle layer applications and anything else needed to integrate AMD hardware into partner systems.

The group at AMD Markham has developed a ray tracing program that is being incorporated into mainstream applications by other software vendors.

SYM-TECH DEALER SERVICES INC. ANNOUNCES NEW HOME OFFICE LOCATION

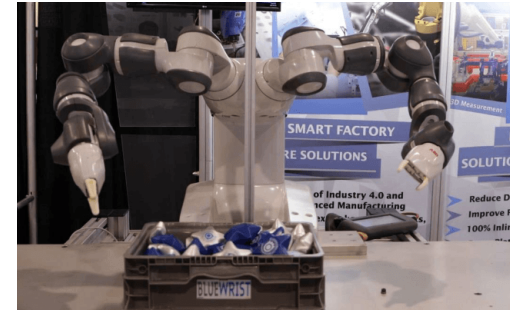
NewsWire | [Markham](#)

Sym-Tech Dealer Services Inc. announced their new home office location. The building located at 165 Commerce Valley Drive in Markham is a 2018 winner of the prestigious Toby Award that recognizes the best in commercial buildings. “I’m really excited to announce the purchase of this building to support both the current and future growth of Sym-Tech” said Brad Wells, CEO.

AIRBOSS OF AMERICA ANNOUNCES U.S. DEPARTMENT OF DEFENSE CONTRACT WORTH UP TO \$36.5-MILLION FOR CBRN PROTECTIVE GLOVES

Globe NewsWire | [Newmarket](#)

AirBoss of America announced that AirBoss Defense, was awarded a contract from the U.S. Department of Defense for the manufacture of up to 1,636,000 pairs of AirBoss Molded Glove chemical, biological, radiological and nuclear defense protective gloves.



BLUEWRIST USING EDGE-BASED ARTIFICIAL INTELLIGENCE TO POWER TOMORROW'S MANUFACTURING PLANTS

Financial Post | [Markham](#)

Markham-based Bluewrist, which won the Small Private category in the 2018 Ingenious Awards hosted by the Information Technology Association of Canada (ITAC), has spent the last 12 years building software that enables robots to fix minor issues on the production line before they become major problems, and it does it using an advanced form of machine vision.

TAYLORMADE CANADA OPENS NEW HQ GOLF LABORATORY SHOWROOM

Building Design & Construction Network | [Vaughan](#)

TaylorMade Canada’s new headquarters located in Vaughan, recently completed construction. The 20,000-square-foot space includes the company’s corporate offices, a golf laboratory, and a product showroom; both open to the public.

The public-facing spaces feature three golf performance labs, a putting green, and an on-site workshop for custom-ordered TaylorMade golf products.



DISTRICT ENERGY WELCOMES POND TECHNOLOGIES

Yorkregion.com | [Markham](#)

The Pond Technologies facility will be adjacent to Markham District Energy’s Warden Energy Centre in Markham. This will be the world’s first facility to capture and convert carbon emissions into valuable, nutritious health supplements through a biological process.

SENECA COLLEGE KING CAMPUS CELEBRATED THE GRAND OPENING OF THE \$99-MILLION MAGNA HALL

Yorkregion.com | [King](#)

It’s a long time coming, but the brand-new Magna Hall is officially open to the students of Seneca College King Campus.

Hundreds of students and faculty members, joined by business representatives and government officials, gathered on Sept. 27 to celebrate the grand opening of Magna Hall, a newly built academic and athletic facility at the campus.

The new building, part of Seneca’s ongoing expansion project at King Campus, is currently the biggest facility at the campus with a capacity of 1,450 students.

Built on a lot which was previously used for parking, the three-storey facility is a much-needed project to accommodate the growing need for student enrolment in York Region, according to Angelo Miranda, director of major capital projects at Seneca College.

The \$99.2 million project includes 25 new classrooms, computer labs, specialty labs, a library, and student centre with a multi-purpose athletic and recreation space including a double gymnasium, fitness facility, dance studio, and indoor rock-climbing wall.

[Magna International donated a \$3 million philanthropic gift for the Seneca King Campus expansion.]





MADE IN YORK REGION: THE FUTURE OF TECH

ventureLAB | Markham

On October 11, 2018, ventureLAB, the regional innovation centre serving York Region, hosted the inaugural 'Made in York Region: The Future of Tech' to showcase and celebrate the many technologies, businesses, and entrepreneurs this region has to offer. In 2017, ventureLAB launched its accelerator space at the IBM Innovation Space-Markham Convergence Centre, then a 25,000 square-foot innovation hub for tech companies. In just over a year, the hub has expanded to 50,000 square feet, with over 40 tech companies and innovation partners that help our companies build, grow, and scale.

York Region has a thriving tech cluster that includes start-ups, scale-ups, and global multinationals. The October showcase was proof and celebration of York Region's independent and booming ecosystem. Thirty companies showcased their products, technologies, and services, meeting over 250 attendees.

Four panels discussed the history of gender and diversity in tech companies, and how inclusivity in workplaces goes beyond gender; why Toronto created more tech jobs last year than the Bay Area, Washington, and Seattle combined, yet still faces a talent gap; how technology is helping Canadians become healthier; and how tech is making it easier to bring healthcare closer to home.

For more information about ventureLAB and services offered please visit: venturelab.ca



GROUND OFFICIALLY BROKEN ON HOLIDAY INN EXPRESS & SUITES

The Auroran | [Aurora](#)

The Holiday Inn Express & Suites hotel in Aurora is a development in conjunction with InterContinental Hotels Group (IHG). "It is an exciting opportunity due to the fact we're looking at becoming a premiere destination when it comes to sports tourism and this allows us to provide the opportunity to have a place to stay within our town.

That is a very exciting opportunity for us and we're looking forward to not only the business and sports community, but for everyone to come here and learn and see the uniqueness of our town," said Mayor Mrakas.

DEALER-FX ANNOUNCES PARTNERSHIP WITH MITSUBISHI MOTORS NORTH AMERICA TO UPGRADE DEALERS' RETAIL EXPERIENCE

PR Web | [Markham](#)

Dealer-FX, software provider for automotive OEMs and their retailers, announced that it has been selected as the exclusive provider of Digital Aftersales applications for Mitsubishi Motors North America, Inc., (MMNA).

By adopting DealerFX's ONE Platform, customized and branded MICAR for Mitsubishi, MMNA's dealerships in the U.S. will have the digital technology needed to deliver an exceptional retail experience and improve customer retention.



DRONE DELIVERY CANADA AND TOYOTA TSUSHO CANADA ANNOUNCE COMMERCIALIZATION INITIATIVES FOR INTERNATIONAL MARKETS

PR Web | [Vaughan](#)

Drone Delivery Canada and Toyota Tsusho Canada Inc. announced they signed an agreement to collaborate on a drone delivery logistics platform. "This agreement with TCI is expected to open international markets for us as a company," commented Tony Di Benedetto, CEO of Drone Delivery Canada.



STOUFFVILLE COMPANY HELPS NASA WITH SUPERSONIC FLIGHT PROJECT

Yorkregion.com | [Whitchurch-Stouffville](#)

A Stouffville business is creating a figurative sonic boom by helping reduce the noise made by a literal sonic boom. Wolf Advanced Technology announced it is supplying electronic modules for NASA to use in an upcoming supersonic flight project.

UPPER CANADA MALL LOOKS TO LURE SUBURBAN HIPSTERS WITH FOODIE FARE

Toronto Star | [Newmarket](#)

Millennials may be fleeing cities for more affordable suburbs, but that doesn't mean they're leaving their urban sensibilities behind and are increasingly seeking the same unique, artisanal offerings available downtown.

At Upper Canada Mall in Newmarket, the desire for hipster food experiences is being met with Market & Co., a 40,000-square-foot food and beverage hall that opened September 7.



MACKENZIE VAUGHAN HOSPITAL REACHES FOR THE TOP AHEAD OF SCHEDULE

Yorkregion.com | [Vaughan](#)

Two years after it broke ground, the \$1.6B Mackenzie Vaughan Hospital marked a major milestone by reaching the highest point in its construction. It's expected the 1.2 million-square-foot facility will open in about two years, and a number of dignitaries were on hand on November 1st to mark the "topping off" celebration. Mackenzie Vaughan will be the first fully integrated 'smart' technology hospital in Canada, creating over 1,800 full-time equivalent staff positions.

SPARK INNOVATIONS MAKING NEW THINGS IN KING CITY

Yorkregion.com | [King](#)

Before there is a good product, there has to be a good idea. That is what King City's Spark Innovations has been working for the better part of 29 years. Spark is a product engineering and development firm that helps people bring their unique ideas to market. "The goal for most of the clients who come to us is to get a patent," Design Director Chris Pearen said.

The showroom at Spark's office on King Road is littered with examples of its work; kitchen products, toothbrushes, shower caps, drywall tools and an indoor hydroponics machine are just a few of the things the company has helped develop in recent years.

EAST GWILLIMBURY'S LARGEST COMMERCIAL HUB IS GETTING LARGER

Yorkregion.com | [East Gwillimbury](#)

The Yonge and Green Lane intersection in East Gwillimbury has long been the town's largest commercial hub and it's only getting bigger. The town is expecting continued growth on the northeast corner in the coming years. Mayor Virginia Hackson said several new businesses are on their way, including a Longo's grocery store, The Beer Store, and East Side Mario's. And Hackson said the plaza has been a real commercial success for many of the businesses as both Lowe's and Firehouse Subs say this location is one of their higher volume stores.

YORK REGION: WHERE TECH COMPANIES GO TO SCALE UP

Second only to Toronto as a Canadian tech centre, the region boasts 4,300 tech companies across its nine cities and town. Many of those companies are industry leaders - both global names, as well as Canadian scale-ups.

When General Motors chose a location for its new Canadian Technical Centre, it chose York Region's City of Markham because it's the "tech capital of Canada," according to Brian Tossan, Director of the facility.

The 150,000-square-foot research and development centre officially opened in January and will employ 700 engineers and software developers when it reaches capacity, making it Canada's largest autotech hub.

York Region offers "opportunities to look for partnerships to further expand GM's ecosystem" because it's home to one of the largest tech clusters in North America, says Tossan.

SYNERGIES BETWEEN LARGE AND SMALL

Synergies between large multinationals like GM and homegrown startups make York Region a great place for small businesses to grow into big ones, explains Melissa Chee, President and CEO of ventureLAB, a non-profit regional innovation hub.

"Some of our most successful companies grew and scaled because of early revenue from global customers," says Chee. "York Region has a wealth of global multinationals, including companies like Celestica, AMD, IBM, GM, and

GE. Companies like these partner with startups and scale-ups, who have emerging tech, to meet customer demands more quickly."

ACCESS TO EXPERIENCED TALENT

People are a major reason technology companies settle in York Region when they're looking to scale up and break into international markets. Local success stories include Real Matters, Redline Communications, Enghouse Systems, Mircom Technologies, Book4Time, Everlink, and Dealer-FX, to name a few.

An experienced talent pool is essential for growth at Daisy Intelligence, located in York Region's City of Vaughan. The company uses artificial intelligence to analyze big data for its customers, helping them become more efficient and increase profits. Daisy started with two staff members and now has 50. More growth is expected in 2019.

"The most important thing for us is having access to talent," says founder Gary Saarenvirta.

Daisy's office is near Highway 407 as well as the Toronto-York Region subway extension to the emerging Vaughan Metropolitan Centre. That makes it accessible for recent grads, who tend to come from downtown Toronto, as well as 30-somethings, who live locally or drive in from other locations.

"Convenient access is why we chose the current location," says Saarenvirta. "It's a perfect hub spot for our salespeople, who travel quite a bit. We're 20 minutes from the airport."

URBAN-SUBURBAN HYBRID

Traditionally known as a suburban location with detached homes that appeal to families, York Region is becoming an urban-suburban hybrid, with a mixed housing market, walkable neighbourhoods and transit options that attract a diverse workforce.

Over the last four years, more than 20,000 new condo apartments were sold in York Region, according to BILD, an Ontario-based association of home builders. York is second only to the City of Toronto for new condo builds in the Greater Toronto Area.

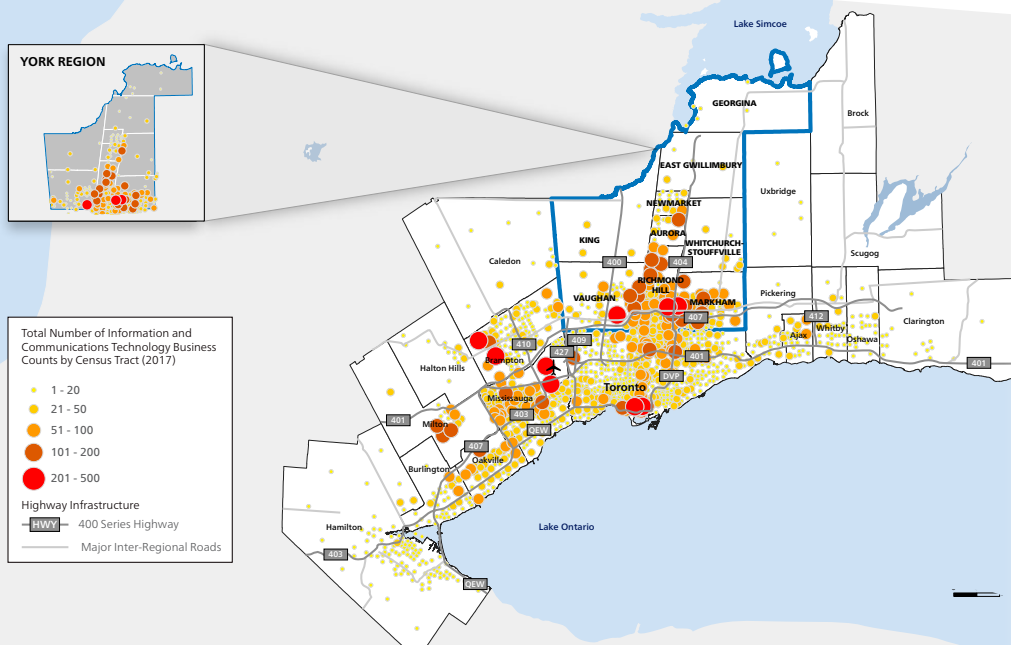
These increasing urban housing options are attracting younger professionals and new Canadians, making it a rich source of talent for companies that know a diverse workforce is a competitive advantage.

INNOVATIVE EDUCATION

York Region's tech companies attract grads from universities and colleges across the Toronto-Waterloo corridor and beyond. But the region has special relationships with York University, Canada's third-largest university, and Seneca College, a school of applied arts and technology with several campuses in the area.

York University links students with local tech companies for experiential learning opportunities, and partners with businesses for joint research projects. It also consults with area stakeholders to create programs.

"It's about identifying what skills the industry needs," says Sarah Howe, Director of Innovation York, the university's industry liaison office. "We're training students early and giving them opportunities for experience."



By DAPHNE GORDON
Originally appeared in:
MaRS Wired Different
December 2018

YORK REGION BOASTS CANADA'S HIGHEST CONCENTRATION OF TECH FIRMS

Yorkregion.com | York Region

Relative to its population, York Region has the "highest concentration" of tech companies in Canada, according to its chief planner.

"York region is home to over 4,000 information, communication and technology companies," said Paul Freeman, York Region's Chief Planner for Planning and Economic development. "This makes it the highest concentration in the technology sector in Canada, relative to our population."

According to the 2016 census population estimate by Statistics Canada, York Region has about 1.1 million people. On top of that, its population is continuously rising.

"There is quite an influx (of people) and a very good amount of growth York Region achieves, not only in terms of population growth, but also in the high tech sector," Freeman added. "We have many tech positions, good paying jobs." Citing a 2016 Statistics Canada report, Freeman said, "highest tech talent is not in Waterloo, but in York Region."

The competition between cities is high, especially in that there are about six million "highly skilled" tech workers across the United States and Canada, according to research company CBRE's annual talent report.

In July, CBRE reported that Toronto "for a second year running" was "North America's fastest growing tech market." However, CBRE didn't specify if it included the Greater Toronto Area (GTA) in its research. "Other Canadian cities had a strong showing with Ottawa and Montreal ranking at thirteenth and fourteenth, respectively," it added.

York Region, meanwhile, has also its own special spots that differentiate it from other places, including that of Toronto.



BOOK4TIME CONTINUES RECORD GROWTH; OPENED NEW OFFICE IN LONDON, ENGLAND

PR Web | Markham

To keep up with this incredible success and accommodate increases in hiring at home in Markham. Book4Time is doubling the size of their office space. The organization is continuing on a path of global expansion. This includes adding new sales offices in London and Dubai and increasing presences in Latin America and the Caribbean, bringing their total number of countries of operation to nearly 70.



CLEARBRIDGE MOBILE LISTED AS ONE OF CANADA'S FASTEST-GROWING COMPANIES BY GROWTH 500

Clearbridge Mobile | Vaughan

Canadian Business and Maclean's listed Clearbridge Mobile on the Growth 500, the definitive ranking of Canada's Fastest-Growing Companies.

Clearbridge Mobile was ranked number 94 with a revenue growth of 918 per cent on the list formerly known as the PROFIT 500. In addition to this, we were also listed as the seventeenth fastest-growing software company in the country.

KONTROL ENERGY EXPANDS ENERGY PLATFORM THROUGH TELUS MARKETPLACE

InvestorIntel | Vaughan

Kontrol Energy Corp. has announced it will offer its Internet of Things (IoT) energy management and analytics platform to enterprise customers in Canada on the TELUS IoT Marketplace. Kontrol currently provides its energy management and analytics services to three TELUS data centers.

"Following our recent acquisition of the iDimax SaaS technology, Kontrol now operates in more than 180 commercial buildings, spanning over 12 million-square-feet of real estate," says Paul Ghezzi, CEO of Kontrol Energy. "...Kontrol's energy software technology has delivered more than 500 million kilowatt hours of energy savings and the equivalent of 300,000 tonnes of CO2 reduction annually."



CleNET CELEBRATES GRAND OPENING OF TECHNOLOGY DEVELOPMENT CENTRE

Manufacturing Automation | Markham

CleNET, a global technology service provider of technical consulting and software engineering solutions, has announced the grand opening of its Canadian Technology and Development Centre located in the City of Markham in the Greater Toronto Area.

CleNET has been focusing on automotive and mobility-related technologies' research and development since its establishment in Canada and is set to build the Canadian Centre of Excellence for automotive technologies.

"The Canadian Technology and Development Centre will give us the upper hand to better serve our customers in Canada and empower effective collaborations for fast growing teams. It provides an avenue for CleNET to become a stronger player in engineering and innovation in the Canadian market," according to Grace Sang, managing director of CleNET Canada.



HIBAR SYSTEMS: THREE LESSONS FROM HOMEGROWN EXPORTERS

The Globe and Mail | Richmond Hill

Since 1986, Mr. McColl has been president and chief executive officer of Hibar Systems Ltd., a company based in Richmond Hill that manufactures automated industrial equipment.

Since the late eighties, Hibar has seen a 600-per cent increase in revenues, Mr. McColl says, with consistently more than 97 per cent of revenues derived from export-based sales. The company has grown from about 45 employees then to almost 160 today.

STARTUP LAUNCHPAD, YEDI, RANKED AS TOP UNIVERSITY BUSINESS INCUBATOR

CBC | Vaughan

In the category of university-linked accelerators, the York Entrepreneurship Development Institute with facilities in Vaughan took the top spot, with three other Canadian accelerators rounding out the top four in the rankings.

UBI assessed hundreds of programs from more than 50 countries for the rankings, looking at factors like funding raised by startups, the number of jobs created, and the survival rate of companies.

ENGHOUSE SYSTEMS ACQUIRED DUTCH AND SWEDISH TECHNOLOGY COMPANIES

Globe Newswire | Markham

In 2018, Enghouse Systems announced its acquisition of two technology companies in Sweden and the Netherlands. Capana Sweden AB is a software company specialized in wholesale, interconnect, roaming, broadband billing, IoT and Partner Settlements.

Telexis Solutions is an innovative technology provider offering public transport agencies and operators end-to-end e-ticketing solutions.

FLAGHOUSE CANADA EXPANDS ITS HQ OPERATIONS AT NEW FACILITY

Newswire | Richmond Hill

FlagHouse, a leading eCommerce and catalog retailer of equipment and programs for physical education, recreation, special needs and education markets is expanding its Canadian headquarters in a new location at 50 East Wilmot Street in Richmond Hill. This is expected to help the company double its workforce.

SPOTLIGHT ON BUCHNER MANUFACTURING

Georgina Economic Development | Georgina

Buchner Manufacturing's Pepperlaw office is the headquarters with multiple locations in Ontario including Newmarket, North Bay, Owen Sound, and Kingston. Buchner Manufacturing offers steel and aluminum roofing, eaves trough, soffit, fascia, as well as, products for the outside of the home; supplied internationally to the U.S., Europe, and the Middle East.

Production has evolved to include more automation that reduces the negative impact of physical labour and increases efficiency. Buchner Manufacturing employs over 100 workers with 42 per cent having worked for the company over five years and 32 per cent having worked for the company for more than 10 years.



Since 2010, Regional business advisory services facilitated the creation of 3,700 new and expansion jobs across York Region in collaboration with local municipalities and service delivery partners.



ECONOMIC DEVELOPMENT HIGHLIGHTS

York Region's Economic Development team is actively involved in the local business community. The breadth of the team's activities encompasses business advisory, economic research, innovation initiatives and business attraction marketing and sales. York Region's investment and marketing activities are delivered through its York Link program. Small business entrepreneurship services are delivered in the region's northern six municipalities by the York Small Business Enterprise Centre.

These highlights showcase some of the key activities and achievements in 2018 by York Region's Economic Development team. In collaboration with local municipalities, stakeholders and partners, these initiatives are making a real impact on local business and economic growth.

YORK REGION ECONOMIC DEVELOPMENT PROUDLY WORKS TO FOSTER BUSINESS, INNOVATION, AND INVESTMENT

Regional Business Retention, Expansion and Attraction (BRE&A) advisory services to established companies are focused primarily on knowledge-based sectors and customized to client needs. These services augment and extend the reach of corporate call programs undertaken at the local-municipal level by leveraging regional economies of scale, robust social media marketing channels and an extensive network of service delivery partners.

Since 2010, regional business advisory services delivered in collaboration with local municipalities have facilitated the creation of approximately 3,700 new and expansion-related private sector jobs across York Region. These services have also helped with retention of thousands of local jobs, as companies continue to assess business location options for operational and talent attraction reasons.

Regional staff are also responsible for the delivery of small business and entrepreneurship advisory services in the region's northern six municipalities via the York Small Business Enterprise Centre in Newmarket.

In 2018, York Region's business advisory teams engaged over 800 businesses and entrepreneurs and delivered roughly 250 in-depth business consultations. The next few pages highlight some of the many success stories facilitated via regional programs.

Canadian multinational electronics manufacturing services company Celestica celebrated in November 2018 the official grand opening of its new Toronto area facility in Newmarket, bringing about 700 jobs to the community. York Region's Economic Strategy office supported Newmarket's proposal in the competitive bid phase as well as provided initial hiring promotional support.



In July 2018, award-winning cybersecurity tech start-up, Cybeats, opened its first office in Aurora with the support of York Region's Economic Development team, in collaboration with the Town of Aurora.



In January 2018, GM Canada celebrated the grand opening of its Canadian Technical Centre - Markham Campus; making it Canada's largest automotive innovation hub. The City of Markham, in partnership with York Region's Economic Development team, were pivotal in supporting GM's new facility; creating 700 new software and engineering jobs. The event was livestreamed on York Link's Facebook page.



York Region's Economic Development team highlighted the growing local co-working sector by providing region-wide awareness marketing support to The Hub; a world-class shared office space in Vaughan that opened in 2018.



In February 2018, York Region's Economic Development team, partnered with KPMG and the City of Vaughan, hosted the region's key innovation support organizations at the KPMG Tower in the Vaughan Metropolitan Centre to discuss collaboration opportunities in promoting local entrepreneurship.



In March 2018, CleNET, a U.S-Chinese technical consulting and software engineering company opened a Canadian Development Centre focused on autonomous vehicle technology in Markham. The City of Markham and York Region Economic Development teams worked together with CleNET to facilitate their investment, which is expected to create up to 100 high-skilled technology jobs over the next three years.



In June 2018, the Council of Canadian Innovators (CCI), with support from York Region's Economic Development team, hosted local visits by the Hon. Mary Ng, Minister of Small Business and Export Promotion, including Markham headquartered FinTech company Everlink Payment Services, and Vaughan headquartered mobile application developer, Clearbridge Mobile.



In October 2018, York Region's Economic Development team had an integral role in the opening of OTT Financial's new office in Markham. OTT provides WeChat and AliPay payment platforms that serve Canadian merchants and Chinese consumers.



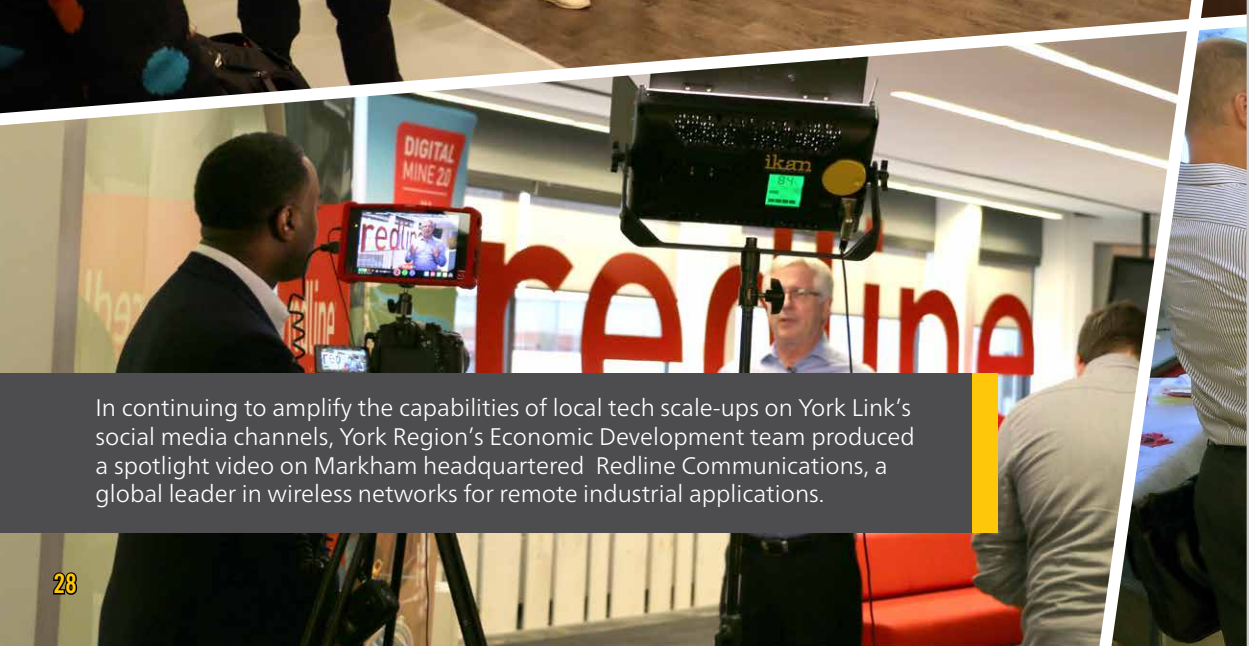
In November, York Region hosted its fourth Broadband and Innovation Summit at the Toronto Marriott Markham. Registration exceeded 270 people from 133 public and private sector organizations who converged to discuss how technology affects employment trends across all industries.



In February 2018, York Region's Economic Strategy office hosted a delegation led by GTA's FDI agency Toronto Global of Canadian Trade Commissioners from around the world at the YSpace Innovation Centre for a presentation on the region's tech sector.



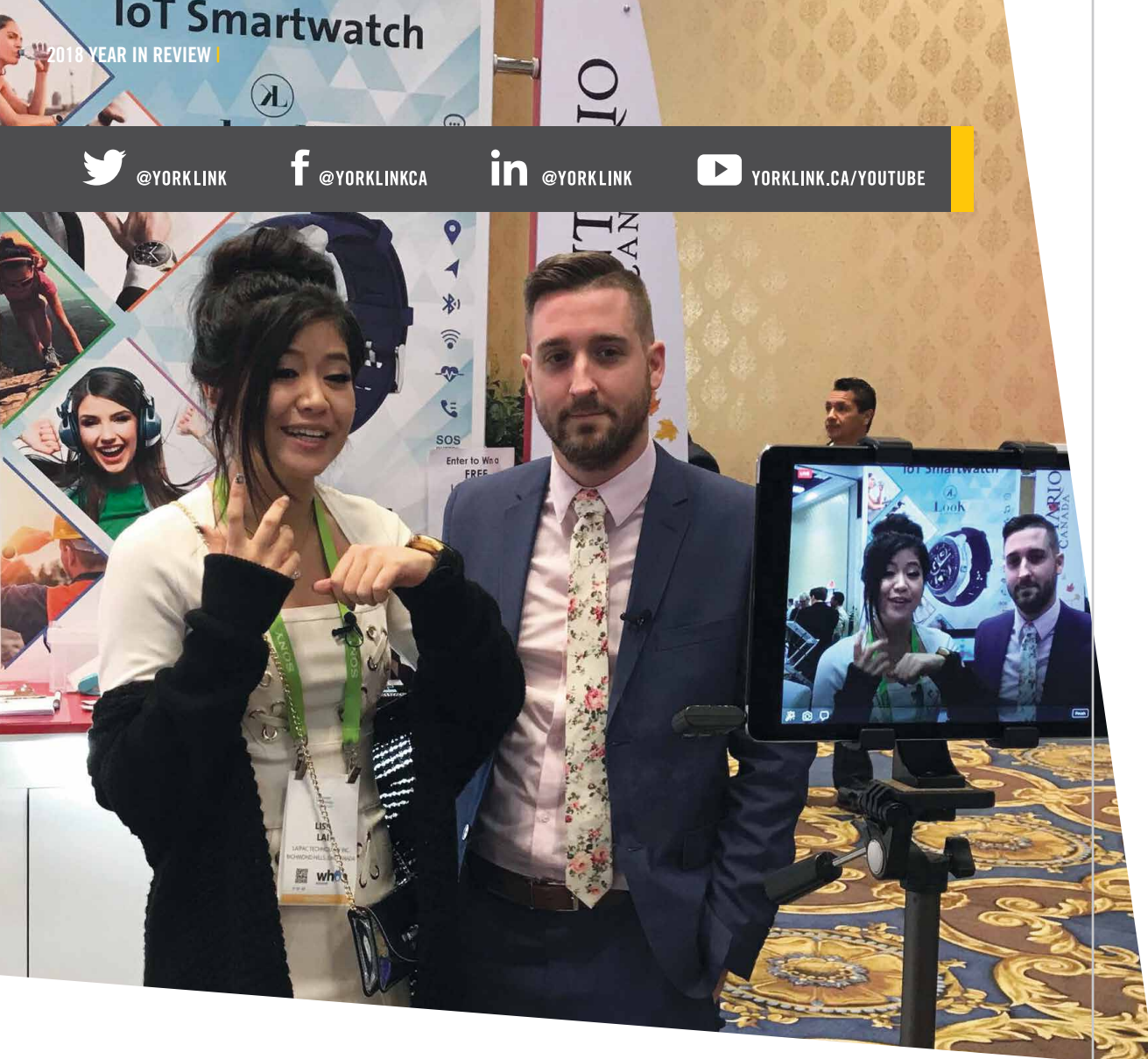
York Region Residents and community stakeholders were accompanied by staff from the Planning and Economic Development branch on a walking tour as they learned about the future benefits of York Region's urban growth centres as the Region focuses on intensification in Markham Centre, Vaughan Metropolitan Centre, Richmond Hill Centre, and Newmarket Centre.



In continuing to amplify the capabilities of local tech scale-ups on York Link's social media channels, York Region's Economic Development team produced a spotlight video on Markham headquartered Redline Communications, a global leader in wireless networks for remote industrial applications.



Bluewrist is one of York Region's fastest growing tech scale-up companies and continued its fast growth with a move in 2018 to a larger office space in the City of Markham. The company has been working closely with Markham and York Region's Economic Development teams and will be featured in York Region's Technology Experience Pavilion at Collision Conference in 2019.



YORK REGION WINS EDCO PROMOTIONAL AWARD OF EXCELLENCE FOR YORK LINK'S SOCIAL MEDIA CHANNELS

York Region's Economic Development team won the Economic Developers Council of Ontario's (EDCO) Award of Excellence in the "Technology & New Media" category for York Link's social media campaign promoting York Region's business community, talent attraction, and local innovation ecosystem partners.

York Region's Economic Development staff were on hand at the annual EDCO conference and awards dinner in Toronto to receive the 2018 award; joined by Paul Freeman, Chief Planner.

The team is extremely proud to have been recognized with this award as the work on social media is contributing to quantifiable success on the ground and increased exposure for York Region as the place for business investment in the Greater Toronto Area.

In 2019, York Link, will be promoting a major York Region presence - *online and in-person* - at North America's fastest growing technology conference, Collision, in Toronto.

OTHER 2018 SOCIAL MEDIA HIGHLIGHTS:

GM Canada partnered with York Link to livestream the grand opening of the Canadian Technical Centre - Markham Campus on York Link's Facebook page. This new facility is scaling up to house 700 high-skilled engineering and software development jobs.

The **York Region Broadband & Innovation Summit** and **York Region FinTech Summit** relied heavily on York Link for promotion and the two hashtags (*#IntelligentYR* and *#YRfintech*) generated over 2.8 million impressions, had a reach of nearly 312,000 people, and had contributions from 137 different people on Twitter throughout the day of the Summits.

York Link's social media messaging was embraced throughout the year by the local business community, federal and provincial government multipliers, and other ecosystem partners. This helped York Link increase its followers across all social media channels by 18% and engagements by 56% compared to the previous year.



Combined statistics across all of York Link's social media in 2018.

YORK LINK SOCIAL MEDIA CAMPAIGN SPOTLIGHT: INNOVATIVE YORK REGION TECH COMPANIES SHOWCASED AT THE CONSUMER ELECTRONICS SHOW & MOBILE WORLD CONGRESS

The Consumer Electronics Show (CES) and Mobile World Congress Americas (MWCA), both held in the U.S., are two of the largest tech conferences in the world. Local technology companies were present at these events in full force to showcase "made in York Region" innovations ranging from smart-watch phones, to cellular signal amplifiers, to smart-home building solutions, education software apps, and much more.

Leveraging the popularity of these tech-centric conferences, York Region Economic Development partnered with Ontario's Ministry of International Trade to deliver an on-site promotional campaign via York Link's social media channels.

The campaign highlighted 10 technology companies from Markham, Vaughan, Richmond Hill and Aurora, in the broader context of more than 4,300 tech companies in York Region; Canada's second largest cluster of information and communications technology businesses.

Piggy-backing on the real-time social media activity at CES and MWCA, York Region's 'technology spotlight' video interviews generated significant exposure (*over 85,500 views and over 433 hours of watch time on Facebook*) continuing to raise awareness of York Region as a key technology hub in North America while creating additional opportunities for participating companies to engage with industry peers and media.





YORK REGION JOINS THE CITY OF TORONTO'S HOST COMMITTEE FOR 'COLLISION'; NORTH AMERICA'S FASTEST GROWING TECHNOLOGY CONFERENCE

York Region | Investment & Marketing - Economic Strategy

York Region's Economic Strategy team was invited by the City of Toronto in mid-2018 to join a pan-Canadian host committee for North America's fastest growing technology conference, Collision, moving from the U.S. to Canada in 2019. This is the first time the conference will be held outside of the United States. Collision's relocation is a sign of the growing importance of Canada's global tech sector. The conference will be held at the Enercare Centre in Toronto May 20-23, 2019.

As a major technology hub in the GTA and Canada, York Region is joining the City of Toronto's host committee alongside other leading Canadian tech jurisdictions such as Ottawa, Montreal, Vancouver, and Waterloo. Other participating tech and business organizations include MaRS, Communitech, DMZ, OneEleven, TechStars, Toronto Region Board of Trade, and investment attraction agencies from all three levels of government.

Collision Conference is one of the most significant events in the global tech community, consisting of 14 sub-conferences plus a range of professional and social side events. Collision is expected to attract 20,000 attendees from 120 countries, 6,000 start-ups and companies, hundreds of investors, 1,200 media representatives, and over 400 speakers.

York Region, in partnership with local municipalities, the private sector, and innovation organizations, will have a significant and important presence at Collision that will solidify the Region's position as a destination for top tech companies and talent in the Greater Toronto Area.

COLLABORATION IS KEY IN SUPPORTING YORK REGION'S AGRI-FOOD SECTOR

Planning & Economic Development | York Region

York Region has a thriving agri-food cluster with over 700 farm-based businesses and 270 food and beverage manufacturers and distributors. There are about 57,000 jobs in the region's agri-food sector, with an economic impact of \$6.3 billion, according to Statistics Canada, 2016 Census of Agriculture. The agri-food sector is a highly visible and important economic driver in the Region.

In 2018, York Region staff worked closely with municipal partners, the Agricultural Advisory Liaison Group, and with other stakeholder groups to begin the implementation of the Agriculture and Agri-food Strategy. The Strategy was completed in 2017 and was designed to assist York Region in continuing to

provide support to its agricultural community with a strategic plan for the future.

A key focus of the economic strategy team on agriculture in the Region is to build on existing stakeholder connections, and to explore new opportunities for collaboration across the agri-food value chain. On September 28, 2018, York Region and partners hosted the successful Agri-



Food Workshop and Networking Forum in the City of Vaughan.

The purpose of the event was to engage and educate the local business community about waste reduction solutions that would benefit their bottom line. The event was attended by 55 participants from across the agri-food business sector. Attendees included food processors, retailers, and other value chain stakeholders.

Other action items completed in 2018 include hosting succession planning workshops, an agricultural implementation workshop with OMAFRA, an asset mapping workshop, and promotion of local farms through the York Farm Fresh Association. This was done through the development of the York Farm Fresh Map encouraging traffic to local farm gate operations.

One important goal of the Agricultural and Agri-Food Strategy is to facilitate and foster relationships between all players in the agri-food sector by continuing to develop improved synergy between producers, processors, retailers, and stakeholder groups with an interest in local food production. This will be part of the work plan in 2019.

YORK REGION NAMED TO THE TOP 10 INTELLIGENT COMMUNITIES IN THE WORLD

Planning & Economic Development | York Region

On October 24, 2018, the Intelligent Community Forum (ICF) named the Region to its "Top 10 Intelligent Communities in the World with Population 1,000,000 and over." This latest recognition by the ICF is due to the ongoing commitment by York Region and its local municipalities to initiatives focused on leveraging technology designed to improve the quality-of-life for its constituents.

These initiatives include efforts to enable broadband service delivery, to expand access to open data sets, and to improve traffic flow throughout the Region.

RESIDENTS LEARN ABOUT YORK REGION'S GROWING URBAN CENTRES

Planning & Economic Development | York Region

Residents participated in walking tours at two of the four urban growth centres within York Region on different days to learn about community planning and economic development.

Residents along with Planning and Economic Development staff toured through Markham Centre and the Vaughan Metropolitan Centre to gain insight into the planning process and how these areas are of strategic importance to the Region as areas to live and work both now and in the future.



COUNCIL OF CANADIAN INNOVATORS CONNECT WITH YORK REGION SCALE-UPS

Planning & Economic Development | York Region

York Region's Economic Development team maintains and develops an extensive network of business advisory partners in both the private and public sector to facilitate business retention, expansion, and attraction in York Region.

One example of a key regional initiative in this area in 2018 was a strategic collaboration with the Council of Canadian Innovators (CCI) to support the growth and policy advocacy needs of local technology scale-ups.

The collaboration work with CCI included targeted consultancy introductions, as well as, a high-profile CEO business roundtable led by CCI Chair and former Blackberry CEO Jim Balsillie.



WHERE IS THE PROVEN AUTOMOTIVE TECH CLUSTER IN THE GREATER TORONTO AREA?

The future of the automotive industry is in autonomous, connected, and electric vehicle technologies – the autotech sector. Finding top software developers and hardware engineers is tantamount to the success in this highly competitive phase of the automotive industry.

Automotive innovation that will ultimately lead to the development of the cars of the future now requires a labour force with skills in software coding, artificial intelligence, predictive analytics, wireless communications, machine learning, and sensor technologies.

YORK REGION: LEADING LOCATION FOR AUTOMOTIVE TECHNOLOGY COMPANIES

York Region's thriving autotech cluster has been gaining momentum and its success has positioned the region as a leading automotive innovation hub in the Greater Toronto Area and across Canada.

The autotech hardware and software ecosystem in York Region includes industry leaders such as CleNET, GM Canada Technical Centre, Lytx, DealerFX, Veoneer, Magna and Autochargers, among others.

According to the Automotive Policy Research Centre (APRC) York Region is also home to Canada's largest automotive parts manufacturing industry cluster. There are more than 100 automotive parts manufacturers located across York Region; from Vaughan, Richmond Hill, and Markham, to Aurora, Newmarket, and King. Some of these companies are global industry leaders such as Magna International, Multimatic, Autoliv, Martinrea, Nova Plastics, and Showa Canada.

Toronto area's York Region, specifically Richmond Hill and Markham, is also a Canadian headquarter location for major auto brands such as BMW, Honda, Hyundai, Mazda, and Volvo Canada.

2018 AUTOTECH SECTOR HIGHLIGHTS

These are very exciting times for York Region's automotive technology cluster. Here are several other recent announcements that made industry headlines in 2018:

In March 2018 close to 100 attendees gathered at York University's accelerator 'YSpace' in downtown Markham to celebrate the announcement that U.S.-Chinese company **CleNET Technologies** was opening their Canadian R&D centre focused on automotive technologies.

York Region's Economic Development team, in collaboration with the City of Markham, worked closely with CleNET to support them as they established their first Canadian location.

CleNET is a global technology service provider of technical consulting and software engineering solutions. Their expansion into the Canadian market has been focused on expertise in automotive infotainment software development, and testing for the "connected car." The company currently has over 30 employees and expects to reach over 100 within the next three years.

U.S. company **Lytx** recently expanded into a larger R&D centre location in Markham. Lytx's vehicle fleet video telematics solutions captured and analyzed more than 80 billion miles of driving data to better understand, predict, and prevent incidents on the road.

Cleantech company **Autochargers**, opened an electric vehicle charging technology headquarters and manufacturing facility in Markham; creating up to 100 new jobs.

Scale-up tech companies **Dealer-FX** and **Bluewrist**, landed significant contracts for their software related to auto dealership customer service platforms, and vehicle manufacturing automation processes, respectively.

General Motors Canada opened a 150,000 sq.ft. Canadian software development centre in Markham, York Region – the heart of the GTA's enterprise technology cluster.

Continues next page.

THIS NEW FACILITY IS “CANADA’S LARGEST AUTOMOTIVE INNOVATION HUB”

Finding a location that offers access to a large pool of experienced software development talent and is also an area that would be attractive to potential global talent, played a critical role in GM’s decision to establish what the company calls “Canada’s largest automotive innovation hub”.

As stated in January 2018 by Kenneth Kelzer, GM’s Vice-President of Global Vehicle Subsystems, at the GM Canada’s Technical Centre’s 2018 grand opening in Markham, “GM deliberately selected this site in Canada because of its clear capacity for innovation, proven talent, and central access to great universities, and innovative partners.”

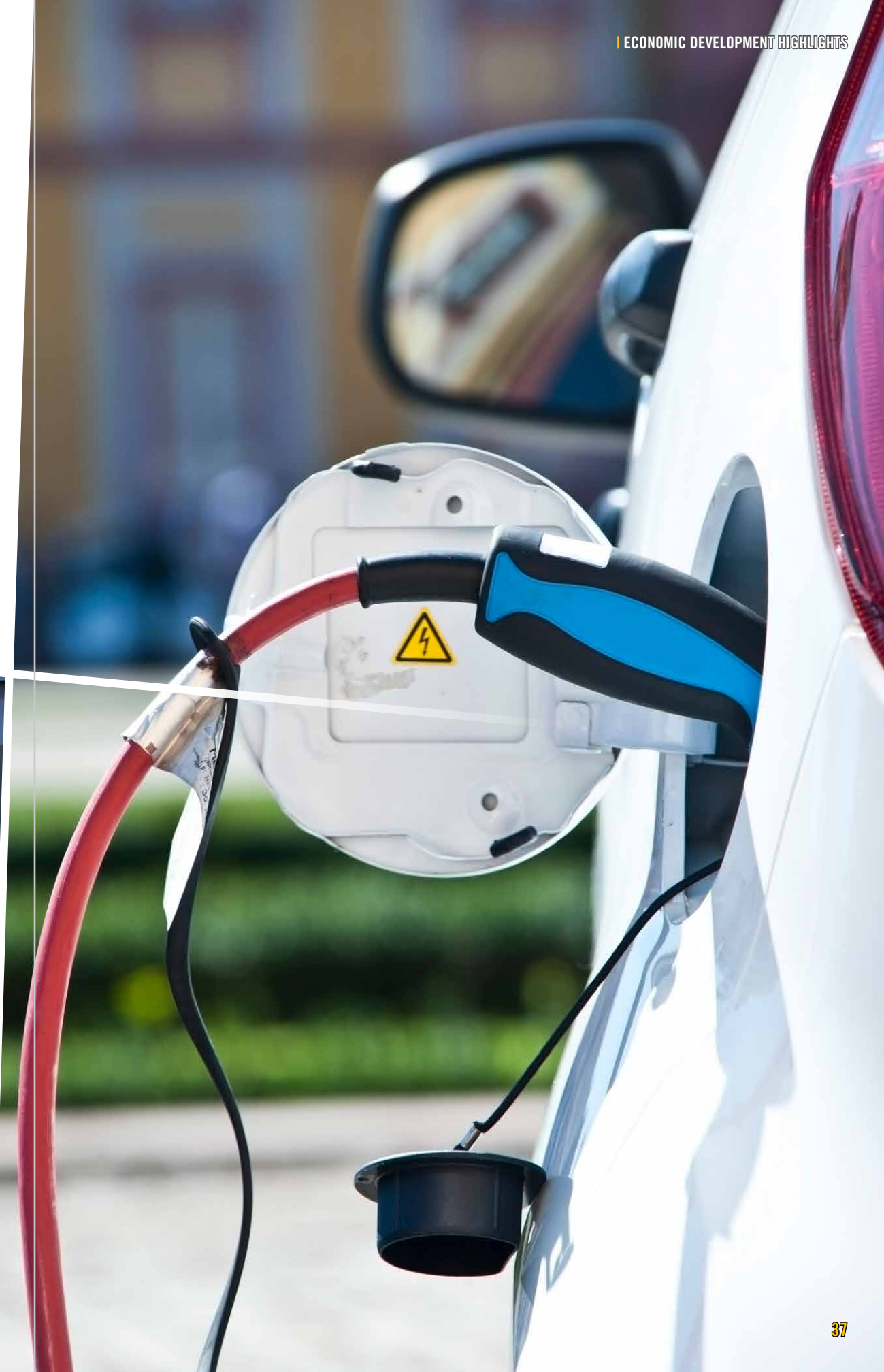
GM’s Markham campus has a global mandate for software development and innovation in the areas of next-generation active safety, in-car infotainment systems, and software controls related to GM’s development of self-driving and connected vehicles. The space was carefully

designed with one key goal in mind; offering their employees an amazing experience everyday where they can collaborate on and design the cars of the future.

York Region’s Economic Development team played a key role in facilitating GM’s location selection. The team also assisted with aftercare community awareness building and with talent acquisition initiatives. GM’s grand opening event streamed live on York Link’s Facebook page.

Working with local municipal partners, York Region Economic Development actively worked to facilitate the growth of the local automotive technology cluster. Support is provided through direct-to-business services as well as investments in infrastructure, transit, urban growth, and community building – thereby attracting and retaining top talent from around the world.

Adapted from
York Link Blog Series
 May 2018



YORK REGION ARTIFICIAL INTELLIGENCE COMPANIES TAKE CENTRE STAGE AT THE 2018 TORONTO TECH SUMMIT

For many the acronym “AI” (artificial intelligence) brings immediate thoughts of the “Terminator”, or super robots who plan to take over the world.

However, as highlighted at the Toronto Tech Summit, hosted at the **MaRS Discovery District** in downtown Toronto, the pursuit of AI integration now weaves its way into less exciting business operations such as customer service support, personnel assistants, human resources, and e-commerce. The inclusion of artificial intelligence in everyday operations is already having a huge impact on, and dramatically reshaping how these sectors engage with their customers. The world of customer experience is changing rapidly. It is being driven by three game-changing technologies; artificial intelligence, asynchronous messaging, and blockchain.

The Tech Summit brought together an audience of over 500 technology professionals and enthusiasts interested in exploring the latest trends in artificial intelligence now used by a variety of industries, including the future of autonomous vehicles.

York Link was one of the lead sponsors at the 2018 Summit. The team was out in full force answering questions from participants about the scale of York Region’s technology ecosystem, and about career opportunities within many of its leading tech companies.

The highway 404 /407 business area has hundreds of global technology firms and Canadian scale-ups that are developing

disruptive technologies in areas of AI; IoT, business applications, autonomous vehicles, mobile applications, cloud computing, and more.

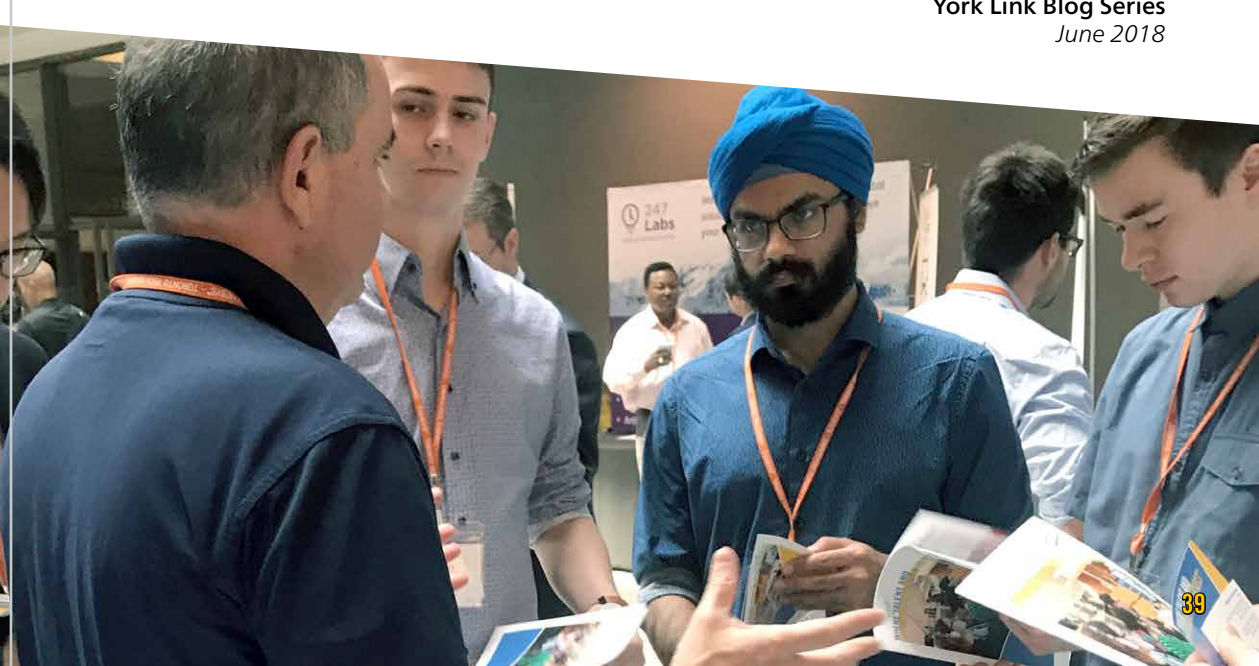
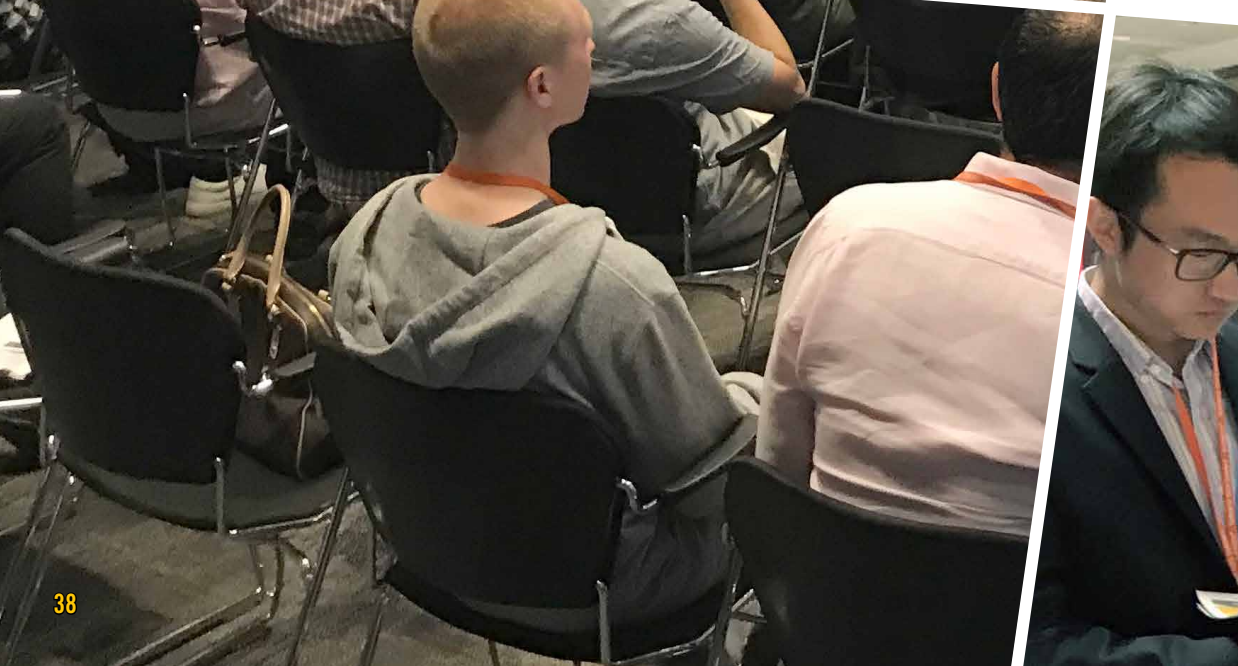
Companies such as IBM, GM Canada, AMD, Adastra, Qualcomm, Wysdom AI, MobileLIVE, Daisy Intelligence, Bluewrist, and Indus.ai are just a sample of top global and Canadian scale-ups that are leading the AI charge in York Region.

The Summit was organized by Genesys Technologies, which is headquartered in Silicon Valley and has a large R&D office in Markham. Genesys is a leader in customer experience solutions software for some of the biggest global brands powering more than 25 billion of the world’s customer experiences each year.

A portion of Genesys’ next generation technology development is done at their Canadian R & D Centre in Markham. It is home to over 150 employees, doing everything from software engineering, to development to sales and marketing.

Along with Tech Summit host and organizer, Genesys, other York Region companies such as Richmond Hill-based MobileLIVE and Markham-based IBM Canada participated on discussion panels; sharing their thoughts on the latest trends in AI and its tremendous impact on customer experience.

York Link Blog Series
June 2018



2018 YORK REGION BROADBAND & INNOVATION SUMMIT: THE KNOWLEDGE WORKFORCE WILL DRIVE THE FUTURE

The Regional Municipality of York hosted its fourth York Region Broadband and Innovation Summit, this time at the Toronto Marriott Markham in the City of Markham. Registration exceeded 270 people from 133 public and private sector organizations who converged to discuss how technology affects employment trends across all industries.

Federal, provincial, regional and municipal government representatives also attended and joined in the discussion about the importance of hiring, retaining and developing knowledge-based workers in securing their participation in the broadband economy.

Marc Saltzman, Master of Ceremonies, welcomed summit guests and cited York Region as a knowledge workforce hub, and a place where talent and opportunity intersect. Speakers represented YorkNet, Robert Half Technology, Quanser, Magna International, Compugen, York University, Seneca College, Predictive Success, and the Workforce Planning Board of York Region.

2018 YORK REGION FINTECH SUMMIT: INNOVATION IN FINANCE WITH MOBILITY AND ARTIFICIAL INTELLIGENCE

On November 8, York Region hosted The 2018 FinTech Summit; following the success of the first York Region FinTech Summit in 2016. York Region is home to the second-largest financial, insurance and accounting services cluster in Ontario with over 2,900 firms and many of them are utilizing or integrating financial technology into their businesses.

The summit highlighted how enhanced mobility and AI are changing the financial landscape as we shift to the idea of "self-driving" finance. Featured keynote speaker Denizhan Uykur, of Monitor Deloitte took the audience through a discussion based on his recent insights and findings from the World Economic Forum report on this topic that he co-authored.

One of the key highlights of the summit was a lightning round pitch session with five up-and-coming FinTech Companies. Karen Wong, Co-Founder and CEO of TakuLabs, operating out of the IBM Innovation Space in Markham, was awarded the grand prize of a one-on-one meeting with Ryan Spinner, Head of Innovation with Aviva Canada. Muhammad Rashid, Co-Founder and CEO of Moregidge took home the People's Choice Award and won a one-on-one meeting with Bhupinder Randhawa, Partner, and Bereskin & Parr LLP.

The 2018 York Region FinTech Summit provided the opportunity for attendees to learn more about the financial service and financial technology business landscape in the Region, in addition to global trends in financial technology.



WHERE TALENT AND
OPPORTUNITY INTERSECT





YORK SMALL BUSINESS ENTERPRISE CENTRE

York Small Business Enterprise Centre (YSBEC) supports local entrepreneurs and small business throughout York Region's northern six towns of Aurora, East Gwillimbury, Georgina, King, Newmarket, and Whitchurch-Stouffville.

From the Summer Company and Starter Company Plus programs to holding group and individual business consultations this is a brief look back at the year that was for the York Small Business Enterprise Centre.

STARTER COMPANY PLUSYSBEC | [York Region](#)

Starter Company Plus is an entrepreneurship program geared to help adults over 18 to start or grow their business. The program provides grants of up to \$5,000 along with training, advice and mentoring. In 2018, the YSBEC Starter Company Plus program trained 40 participants and disbursed 16 grants to help participants with their businesses.

**CLIENT SPOTLIGHT: PHYSACTIVE SPORTS MEDICINE**YSBEC | [Richmond Hill & Whitchurch-Stouffville](#)

Julian Roach has every reason to be confident. A registered physiotherapist, he has treated more than 18,000 patients in England, Finland and Canada. He's also an Adjunct Lecturer and Clinical Educator for the University of Toronto and served as a Lead Physiotherapist for the 2015 Pan Am Games. That's just for starters.

He clearly knows his stuff, but when he launched PhysActiv Sports Medicine in 2016, he was smart enough to know what he didn't know. "I was a new entrepreneur," he says. "I knew how to manage a physiotherapy clinic, but I had no experience in running a business."

The Starter Company Plus program helped him focus on ways of reaching potential patients, including marketing and clarify his business model.

**CLIENT SPOTLIGHT: JULIA'S BEST EVER INC.**YSBEC | [King City](#)

Julia Brown started roasting and blending almonds into nut butter for fun. Brown's degree (in media, information and techno-culture) had

prepared her for the marketing aspects of running a business, but not so much about business and putting together a business plan. For that reason, she decided to take part in the Starter Company Plus program.

"The program was awesome, I would never have put together a business plan like that just because numbers aren't my strength," she says.

"Every couple of days, I look at it to see how on track I am. I can see how much I need to be selling to reach my goals and how much I should be producing to maintain that. I'm in 40 locations and I hope to triple that number in the next year."

**SUMMER COMPANY LAUNCHES 12 NEW ENTREPRENEURS IN YORK REGION**YSBEC | [York Region](#)

In support of York Region's youth and entrepreneurship, YSBEC once again delivered the Government of Ontario's Summer Company in the summer of 2018. The provincially funded program provides students between the ages of 15 and 29 to start and operate a successful summer business.

Along with a start-up grant of up to \$3,000, the program assists young entrepreneurs with offering mentoring from community business leaders and hands on training such as writing a business plan, building a marketing strategy, customer service, and cash flow management. In 2018, 12 students successfully completed the Summer Company program, receiving grants totaling \$36,000 and earning over \$48,800 in total revenue.

CONNECTING BUSINESS WITH LEARNING AND NETWORKING OPPORTUNITIESYSBEC | [York Region](#)

The York Small Business Enterprise Centre, through partnership with the Ontario Government hosted or partnered on more than 60 seminars and seven business events, together outreach attendees amounted to over 1,800 people. These events covered business topics including marketing, sales, financing, market research and business plan development.

ARE YOU LOOKING TO START OR GROW YOUR BUSINESS?YSBEC | [York Region](#)

If you are starting a new business, or are an existing small business with less than 10 employees, contact us! We can help.

The York Small Business Enterprise Centre (YSBEC) serves small businesses in the northern six York Region municipalities: Aurora, East Gwillimbury, Georgina, King, Newmarket and Whitchurch-Stouffville. The municipalities of Markham, Richmond Hill, and Vaughan also have Small Business Enterprise Centres to serve their respective communities.

The YSBEC is managed by the Regional Municipality of York's Economic Strategy division and is a partnership with the Ministry of Economic Development and Growth, and the Ministry of Research, Innovation and Science. Each of the Region's Small Business Enterprise Centres focus on providing support to both new startups and existing small businesses in their communities through business consultations, workshops and seminars, including networking events.

Call and book a one-on-one consultation with YSBEC at 1-877-464-9675 ext. 71572, or visit us online: www.yorksmallbusiness.ca





ECONOMIC INDICATORS

York Region's economy continues to grow and understanding how and what that growth might mean plays an important role in planning for the future. Over the next few pages you'll find information and data that will highlight trends on business growth, jobs creation, population growth, housing, industry sector breakdowns, and more; all of which reinforces York Region as the place *where talent and opportunity intersect*.

1.2 MILLION RESIDENTS

636,000 LOCAL JOBS

1,500 NEW BUSINESSES
ANNUAL AVERAGE (10 YEARS)

3RD LARGEST BUSINESS HUB IN ONTARIO
52,000+ EMPLOYER ESTABLISHMENTS

2ND LARGEST ICT SECTOR IN CANADA WITH 4,300+ COMPANIES AND HIGHEST DENSITY OVERALL

27 FORTUNE 500 COMPANIES HAVE OPERATIONS IN TORONTO AREA'S YORK REGION

20% OF GREATER TORONTO'S STEM AND BUSINESS GRADUATES LIVE IN YORK REGION

2ND LARGEST FINANCIAL AND INSURANCE SERVICES SECTOR IN ONTARIO WITH 2,900 FIRMS

6^{OF GREATER TORONTO AREA'S} TOP 10 ICT CORPORATE R&D SPENDERS

3RD HIGHEST POPULATION WITH POST-SECONDARY EDUCATION AMONGST CANADA'S LARGEST MUNICIPALITIES (70%)

230 DISTINCT ETHNIC ORIGINS AND OVER 120 LANGUAGES SPOKEN

\$3.9 BILLION CONSTRUCTION VALUE (2017) 2ND HIGHEST IN ONTARIO

\$19 BILLION IN ANNUAL EXPORTS
2,400 EXPORTERS

6TH LARGEST MUNICIPALITY IN CANADA

\$4.7B 10-YEAR INFRASTRUCTURE INVESTMENT

YORK REGION LOCAL GDP
\$56 BILLION [est.]

3RD LARGEST POPULATION IN ONTARIO FOR RESIDENTS BORN OUTSIDE OF CANADA (47%)

18^{PUBLIC} COLLEGES AND UNIVERSITIES WITHIN 120 KILOMETERS

YORK REGION'S TOP 28 COMPANIES
\$106 BILLION IN ANNUAL REVENUE

12,500 NEW JOB GROWTH ANNUAL AVERAGE

YORK REGION IS AN

ECONOMIC POWERHOUSE

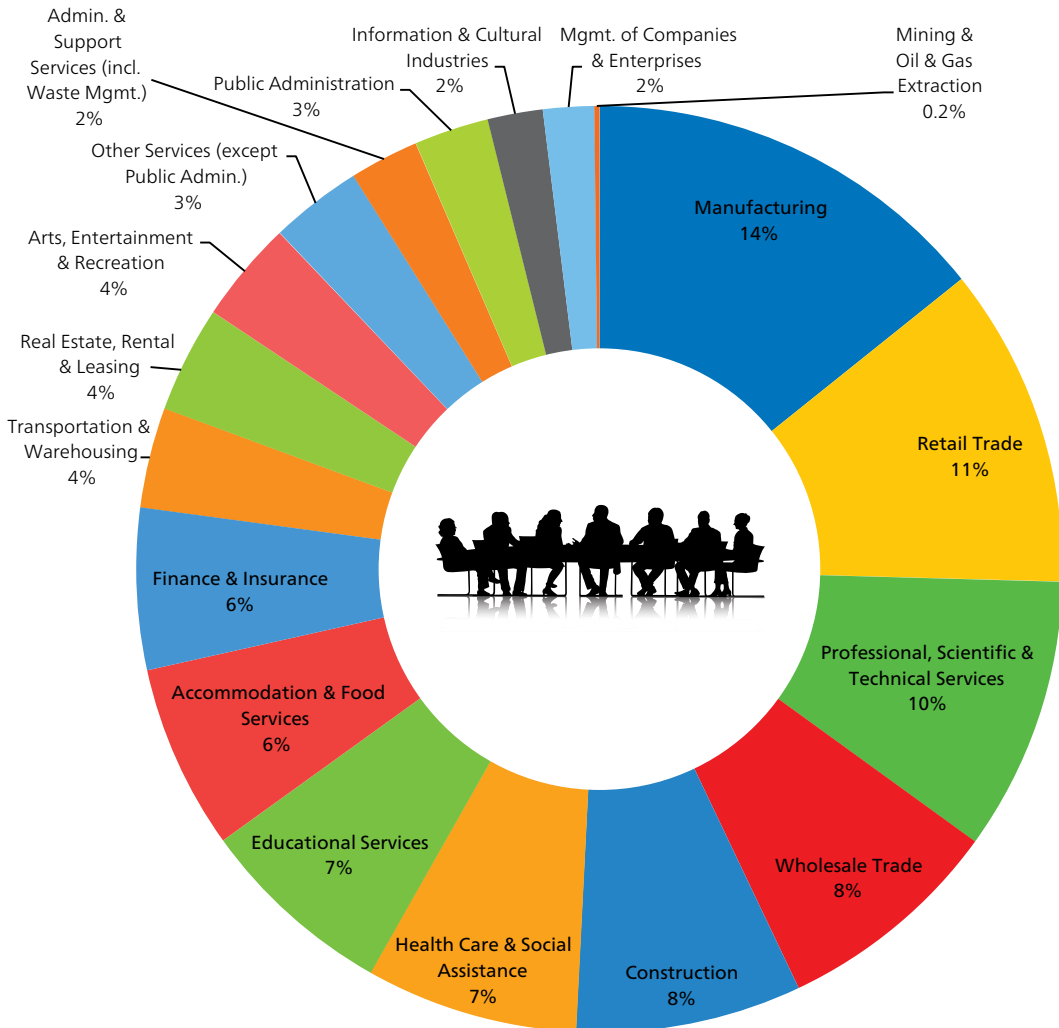
YORK REGION EMPLOYER BUSINESS COUNT BY SECTOR

INDUSTRY SECTOR (NAICS)	BUSINESS COUNT	INDUSTRY SECTOR (NAICS)	BUSINESS COUNT
54 Professional, Scientific and Technical Services	9,153	31 - 33 Manufacturing	2,632
23 Construction	6,130	52 Real Estate and Rental and Leasing	2,549
44 - 45 Retail Trade	4,816	56 Administrative and Support, Waste Management and Remediation Services	2,367
62 Healthcare and Social Assistance	4,094	52 Finance and Insurance	2,086
81 Other Services (Except Public Administration)	3,707	48 - 49 Transportation and Warehousing	1,952
41 Wholesale Trade	3,500	61 Educational Services	755
72 Accommodation and Food Services	2,882	51 Information and Cultural Industries	633
Other*	5,434	TOTAL: 52,690	

*Agriculture, Forestry, Fishing and Hunting; Mining, Quarrying, and Oil and Gas Extraction; Utilities; Management of Companies and Enterprises; Arts, Entertainment and Recreation; Public Administration; Unclassified

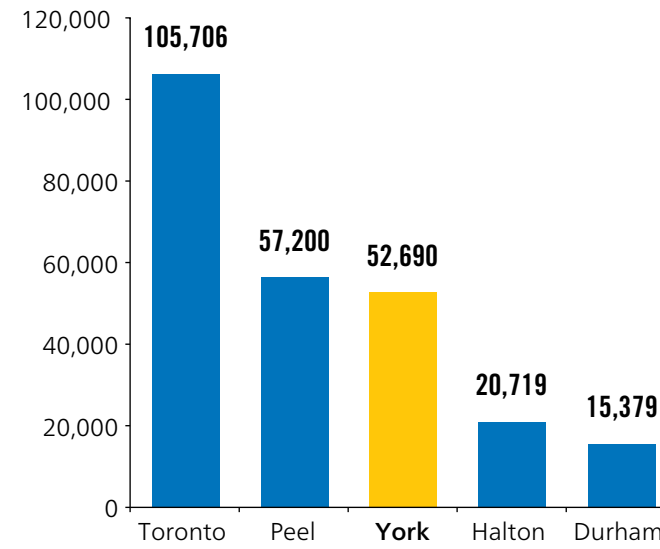
Source: Statistics Canada | CBC December 2018

YORK REGION DISTRIBUTION OF SURVEYED EMPLOYMENT BY SECTOR



Source: York Region, Planning and Economic Development | 2018 Employment Survey

TOTAL EMPLOYER BUSINESSES BY GTA REGION



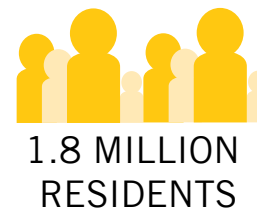
Source: Statistics Canada | CBC December 2018

CANADA'S TOP TECHNOLOGY HUBS

MUNICIPALITY	# of ICT EMPLOYERS
City of Toronto	6,810
YORK REGION	4,388
Peel Region	3,974
Greater Vancouver	3,927
Montreal	3,801
Ottawa	3,125
Calgary	2,813
Halton Region	1,633
Edmonton	1,470
Durham Region	850
Waterloo	780

Source: Statistics Canada | CBC December 2018

BY 2041, YORK REGION IS PROJECTED TO GROW TO:





GREATER TORONTO AREA NEW HOME SALES IN 2018

REGION	TOTAL	SINGLE FAMILY HOMES	CONDOMINIUM APARTMENTS
Toronto	11,785	168	11,617
YORK REGION	4,030	1,042	2,988
Peel Region	3,624	1,121	2,503
Durham Region	1,694	749	945
Halton Region	1,660	761	899
GTA COMBINED	22,793	3,841	18,952

Source: Altus Group | Totals based on month-by-month data aggregation per municipal geography and may differ from adjusted data for year-end GTA total released at a later date.

OCCUPIED HOUSEHOLDS BY TYPE IN YORK REGION

TYPE	ESTIMATED HOUSEHOLDS
Single	236,373
Semi-Detached	22,421
Row / Townhouse	48,076
Duplex	15,160
Apartment	55,450
ESTIMATED TOTAL	377,480

Source: York Region, Planning and Economic Development | 2018

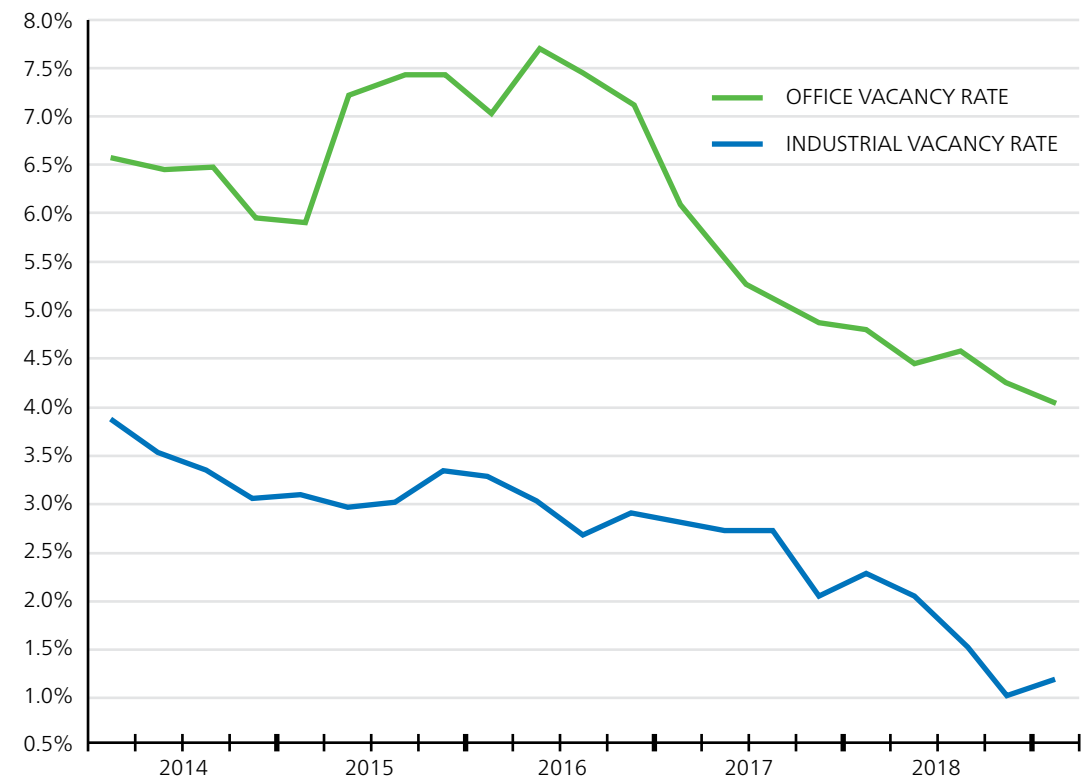
BUSINESS PROPERTY TAX RATES IN THE GTA

MUNICIPALITY	COMMERCIAL	INDUSTRIAL
Markham (York Region)	1.61%	1.87%
Richmond Hill (York Region)	1.64%	1.91%
Vaughan (York Region)	1.65%	1.93%
Oakville	1.71%	2.65%
Aurora (York Region)	1.77%	2.07%
Burlington	1.78%	2.77%
Newmarket (York Region)	1.82%	2.13%
Mississauga	1.99%	2.22%
Brampton	2.14%	2.44%
Toronto	2.40%	2.45%
Pickering	2.50%	3.49%
Oshawa	2.87%	4.04%

Per Cent of Taxable Assessment | Ordered by Commercial Tax Rate
Source: NRU | August 2018

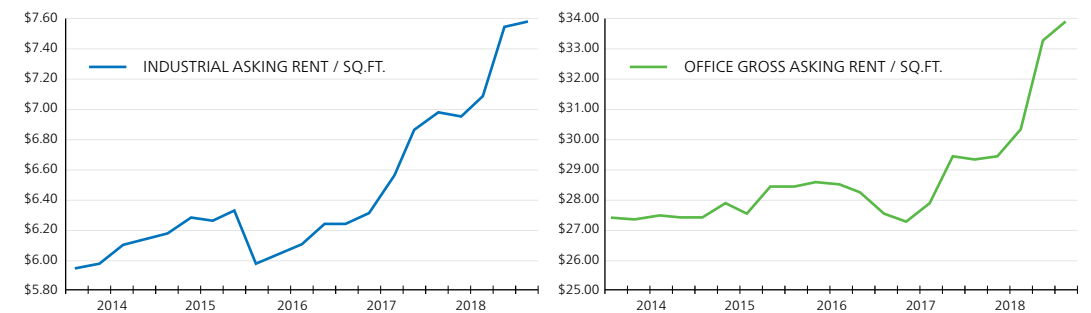
For more resources, please visit our website: yorklink.ca

YORK REGION OFFICE AND INDUSTRIAL VACANCY RATES (%)



Source: CoStar | January 2019

INDUSTRIAL AND OFFICE GROSS ASKING RENT / SQ.FT.



Source: CoStar | January 2019

YORK REGION COMMERCIAL AND INDUSTRIAL VACANCY RATE AND RENT

OFFICE SPACE

Asking Rent per SF, 2018 Average: **\$33.89**
Asking Rent per SF, 5-year Average: **\$28.38**
Vacancy Rate, 2018 Average: **3.9%**
Vacancy Rate, 5-Year Average: **6.1%**

INDUSTRIAL SPACE

Asking Rent per SF, 2018 Average: **\$7.57**
Asking Rent per SF, 5-year Avg.: **\$6.35**
Vacancy Rate, 2018 Average: **1.2%**
Vacancy Rate, 5-Year Avg.: **2.7%**

Source: CoStar | January 2019



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**WHERE TALENT AND
OPPORTUNITY INTERSECT**

AURORA

EAST GWILLIMBURY

GEORGINA

KING

MARKHAM

NEWMARKET

RICHMOND HILL

VAUGHAN

WHITCHURCH-STOUFFVILLE

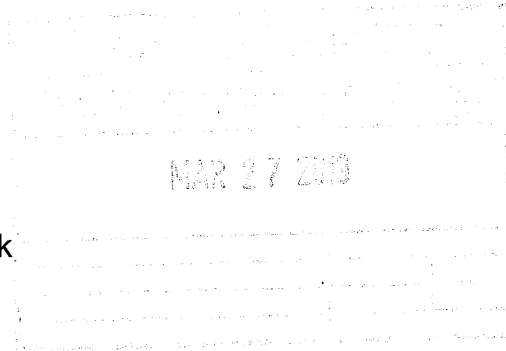


Photo Credit: York University | ySpace


York Region

March 22, 2019

Ms. Kiran Saini
Acting Director of Legislative Services/Town Clerk
Town of Newmarket
395 Mulock Drive, P.O. Box 328
Newmarket, ON L3Y 4X7



Dear Ms. Saini:

Re: Proposed Employment Area Conversion Criteria

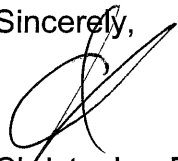
On March 21, 2019 Regional Council adopted the following recommendations:

1. Council endorse the proposed employment area conversion criteria in Attachment 4 to be applied by staff when assessing requests for employment area conversions during the Regional Municipal Comprehensive Review (MCR) to inform recommendations to Council.
2. Staff apply the criteria in consultation with local municipal staff and landowners to inform a draft land budget to be considered by Council later this year.
3. The report be circulated by the Regional Clerk to local municipalities and the Ministry of Municipal Affairs and Housing.

The original staff report is enclosed for your information.

Please contact Paul Bottomley, Manager, Policy, Research, and Forecasting at 1-877-464-9675 ext. 71530 if you have any questions with respect to this matter.

Sincerely,



Christopher Raynor
Regional Clerk

Attachments

The Regional Municipality of York

Committee of the Whole
Planning and Economic Development
March 7, 2019

Report of the Commissioner of Corporate Services and Chief Planner

Proposed Employment Area Conversion Criteria

1. Recommendations

1. Council endorse the proposed employment area conversion criteria in Attachment 4 to be applied by staff when assessing requests for employment area conversions during the Regional Municipal Comprehensive Review (MCR) to inform recommendations to Council.
2. Staff apply the criteria in consultation with local municipal staff and landowners to inform a draft land budget to be considered by Council later this year.
3. The report be circulated by the Regional Clerk to local municipalities and the Ministry of Municipal Affairs and Housing.

2. Summary

This report provides employment area conversion criteria to be applied by staff when considering requests for employment area conversions during the Regional MCR.

Key Points:

- Employment areas contain 53% of the Region's 2018 employment base and are key to maintaining a competitive, diverse, and thriving economy
- To date, the Region has received 30 requests to convert sites within employment areas to non-employment uses (equating to 6% of the employment area land base) through the MCR
- The Growth Plan provides minimum criteria for assessing requests for employment area conversions
- Staff have developed additional Regional criteria that provide for a comprehensive, transparent, and equitable review process
- Proposed criteria were informed by existing official plan policies in York Region and other Ontario jurisdictions and refined through consultation with local municipal staff
- Land owners and the development industry will be consulted on staff's application of the criteria to evaluate requests for conversion

3. Background

Employment Area needs will be assessed through the Municipal Comprehensive Review

Through the MCR, York Region will be updating employment policies and the employment forecast in the Regional Official Plan (ROP). The Region is forecast to grow to 900,000 jobs to 2041, growth of approximately 264,000 jobs from 2018. To plan for this employment growth, staff will be bringing forward the following reports to Council in 2019 and early 2020:

- Historical and future employment trends in the Region and beyond
- Updated policies and mapping of employment areas in the York Region Official Plan
- Employment forecast (by employment type) and land needs assessment to 2041, incorporating recommendations on requests for conversions

Planning for employment through the MCR will also be coordinated with the update of York Region's Economic Development Action Plan which sets out a strategic course of action for economic growth and business attraction in the Region.

For forecasting and land needs assessment purposes, employment is categorized into four types:

1. Employment area: employment within designated employment areas
2. Major office: employment in free standing office buildings of 20,000 square feet or greater
3. Population-related: employment serving the local population such as retail and community services
4. Rural: jobs dispersed throughout rural areas

Criteria presented in this report apply to the employment area category. Employment areas are defined in the Provincial Policy Statement 2014 (PPS) as "areas designated in an official plan for clusters of business and economic activities including, but not limited to, manufacturing, warehousing, offices and associated retail and ancillary facilities". Residential and major retail uses are prohibited in employment areas. A more detailed description of the other three employment categories can be found in Attachment 1 and existing employment area boundaries are identified in Attachment 2.

Employment area conversions occur when sites within employment areas are re-designated to accommodate non-employment uses such as residential or major retail. Conversions have a direct impact on the land needs assessment which will determine if additional employment area land is required to accommodate the 2041 employment forecast.

Long term protection of employment areas is important to the Regional economy and integral to the Greater Golden Horseshoe economic market

Employment areas are strategic to the Region and play a vital role in the broader Greater Golden Horseshoe (GGH) economy. York Region is centrally located within a one day drive

to global markets in the United States, close to Toronto Pearson Airport, and home to the CP intermodal, CN MacMillan rail yard, and a strong network of 400-series highways.

Significant portions of two regionally, provincially, and nationally significant employment zones identified by the Neptis Foundation (shown in Attachment 1) are also located in southern York Region. These clusters provide a significant number of jobs in rapidly growing industries such as Information and Communications Technology (ICT), distribution, and logistics outside of Toronto's downtown core for workers across the GGH.

York Region has approximately 2,590 hectares of vacant employment land, representing approximately one third of the total York Region inventory of designated employment areas. Maintaining a long term supply of employment land is important for live/work opportunities for residents within York Region. Ensuring that these areas remain successful in attracting employment growth is vital for economic growth in the GGH and has the added benefit of reducing commute times and transit trips to downtown Toronto.

The success of the Region's employment areas are fundamental to economic vitality and resiliency

The Region's employment areas are very successful and provide the following economic benefits:

- accommodate 53% of the Region's 2018 total employment base of 636,630 jobs
- have recently attracting major employers like TD, Desjardins and Honda
- support economic vitality and resiliency through a diverse range of industry sectors
- contribute to a healthy tax base and generate revenue through new construction
- support export-based businesses with land extensive or location-specific requirements at lower land costs

Provincial and regional policies provide direction to protect employment areas and assess conversion requests

Provincial Plans and policies highlight the need to protect and preserve employment areas for the long term, including beyond the 20 year horizon. Provincial policies also identify the importance of protecting employment areas along major transportation corridors to support the movement of goods.

Policies in the Growth Plan for the Greater Golden Horseshoe (Growth Plan) have been strengthened and now require upper-tier municipalities to designate and map employment areas in the Regional Official Plan. Conversion of employment areas to non-employment uses may only be considered through a Regional MCR based on a minimum set of criteria. Provincial policies also prevent appeals of employment conversions and conversion polices in upper- tier official plans, once approved by the Province.

Similar to the Growth Plan, policies in the Regional Official Plan emphasize the long term protection of employment areas. The Regional Official Plan prohibits non-employment uses such as residential, major retail, and other retail and commercial non ancillary uses in employment areas. Ancillary retail uses (uses directly supporting the needs of the business park) are limited to 15% of an employment area.

The Province is proposing Amendment 1 to the Growth Plan

On January 15th 2019, the Province released proposed Amendment 1 to the Growth Plan and a Proposed Framework for Provincially Significant Employment Zones. Changes related to employment area conversion policies include:

1. Provincially Significant Employment Zones – 29 areas across the GGH that are important to the provincial economy and should not be converted outside of an MCR. Five of these areas have lands in York Region.
2. A policy that would allow consideration of employment area conversions in advance of the next MCR outside of Provincially Significant Employment Zones.

[Staff's position](#) on proposed Amendment 1 is that all requests for employment area conversions be considered comprehensively through the MCR process.

4. Analysis

York Region has received 30 requests for employment area conversions as part of the MCR to date

Between 2012 and 2016, approximately 240 hectares of land in employment areas were converted through local Official Plan Amendments. Since the MCR began in 2014, the Region has received an additional 30 requests for employment area conversions. Together, these requests cover approximately 500 hectares of employment land and account for an estimated 6% of the Region's total employment area land base. Details on these requests are provided in Attachment 3. Each request will be assessed against the proposed criteria.

Criteria provide a tool to assess conversion requests comprehensively and inform recommendations to Council

Provincial and regional planning policies direct municipalities to build compact, mixed-use, complete communities. This includes planning for employment in the right locations. In some circumstances, a conversion to a non-employment use may be appropriate if it supports other planning objectives and/or enhances the urban structure. For instance, a conversion request may be in a location suitable for an intensified land use or an area where the original employment area context has changed.

Allowing conversion of designated employment areas to non-employment uses, however, can have short and long term implications on the supply and viability of employment areas.

The introduction of residential or major retail uses in an employment area reduces available land supply and has potential to disrupt the viability of the employment area by conflicting with existing uses or growth of future businesses. Employment areas are the only viable home for businesses with location-specific needs that require land extensive sites in proximity to goods-movement corridors and away from other sensitive land uses. Additionally, introducing non-employment uses into an employment area can increase land costs for adjacent sites.

The proposed conversion criteria will be utilized by staff to inform recommendations on whether a conversion request is appropriate and enhances policy objectives in the Regional Official Plan, or if it will negatively impact the long term supply and/or viability of employment areas.

Proposed criteria build on Growth Plan policies to account for the regional context and increase transparency and consistency

The Growth Plan contains minimum high level conversion policies that must be considered when assessing requests for employment area conversions. Through a MCR, conversion of lands within employment areas to non-employment uses may only be considered where it can be demonstrated that:

- a) there is a need for the conversion
- b) the lands are not required over the horizon of this Plan for the employment purposes for which they are designated
- c) the municipality will maintain sufficient employment lands to accommodate forecasted employment growth
- d) the proposed uses would not adversely affect the viability of the employment area or the achievement of minimum intensification and density targets
- e) there are existing or planned infrastructure and public service facilities to accommodate the proposed uses

Regional staff identified a need for additional criteria that would assist with assessing the context of the Region's employment areas. In many cases, Growth Plan criteria are too general and do not address key provincial and Regional Official Plan objectives, including:

- protection of employment areas adjacent to 400-series highways and other goods-movement infrastructure
- provision of choice through a range of site sizes, particularly a healthy supply of large-scale parcels

Criteria that expand on Growth Plan criteria provide staff with a more comprehensive, equitable and transparent process for assessing the 30 requests for employment area conversions received to date.

The proposed conversion criteria were developed with local municipal staff and through a review of Official Plan policies in York Region and other jurisdictions in Ontario

In developing the proposed conversion criteria, Regional staff undertook a review of Regional and local Official Plan policies and employment area conversion criteria in other Ontario municipalities. The Cities of Ottawa, Toronto, Mississauga, Burlington, Hamilton and Milton have developed employment area conversion criteria that complement the criteria in the PPS and the Growth Plan (where applicable). It was evident that each criterion had been developed to ensure the specific needs of the municipality's economy and local context were being met when assessing requests for conversions.

In developing additional criteria, staff hosted a number of workshops with regional and local municipal staff.

York Region employment area conversion criteria will help assess requests for conversions using five core principles

The proposed employment area conversion criteria have been organized into five theme areas which align with conversion policies in the Growth Plan and Regional Official Plan in working together to support the Region's long term vision. The theme areas highlight the five core principles staff will be considering when assessing each request for employment area conversion. The following provides an explanation of each theme area. The proposed employment area conversion criteria are in Attachment 4.

1. Supply

Preserving an adequate and diverse supply of employment land is vital to meeting overall regional and local long-term employment needs. The Region's proposed criteria expand on the Growth Plan by prohibiting employment area conversions in recently designated and largely vacant employment areas and by preserving large-size employment parcels to meet the future needs of businesses with specific locational requirements. This includes protection of lands that are planned beyond the 2041 planning horizon.

2. Viability

Viability is the ability for an employment area to operate successfully and sustain success over the long-term. While Growth Plan conversion policies speak to preserving the viability of employment areas, more specifically this includes factors such as impacts to existing businesses operations, opportunities for future business investment, linkages between businesses and compatibility of land uses. Regional criteria prohibit consideration of requests if the entire perimeter of the site is surrounded by lands designated and intended to remain designated for employment purposes.

3. Access

Both the Growth Plan and Regional Official Plan encourage protection of sites in the vicinity of major highways, rail yards and airports. There are however, no specific conversion policies in the Growth Plan that consider the importance of these areas. In addition to these sites being valuable for goods-movement purposes, access to major transportation infrastructure is desirable from an economic development perspective. Proposed Regional criteria would consider the location of a site when assessing requests for employment area conversions.

4. Infrastructure

Growth Plan criteria recognize the importance of ensuring availability of existing or planned infrastructure such as sewage, water, energy and transportation as well as public service facilities prior to converting employment areas. The York Region Official Plan also emphasizes the importance of providing residents and employers with high quality public services and infrastructure systems.

5. Region-wide Interests

Under the Growth Plan, the Region is now responsible for planning employment areas and assessing employment conversions. Together with local municipal partners, it is the Region's responsibility to ensure that Regional and local planning objectives are considered and met. While Growth Plan conversion policies require proponents to identify a need for a conversion, additional Regional criteria under this theme ensure a proposed conversion would not compromise any other regional or local municipal planning objectives and considers potential issues that cross regional boundaries.

Proposed conversion criteria protect employment areas beyond the planning horizon and prohibit conversions in employment areas that have yet to develop

As stated in the PPS, employment areas may be planned beyond the planning horizon. To that end, even if the Regional land needs assessment determines a surplus of employment land, the attached criteria will be used to assess the merits of conversion requests up to and beyond the 2041 planning horizon.

Staff are proposing that employment area conversion requests not be considered in the following recently planned employment areas, highlighted in Attachment 2: Keswick Business Park, Queensville, Highway 404 (ROPA 1), ROPA 3, and Highway 400 North (ROPA 52). To date, the Region has received conversion requests in Highway 400 North. Conversion of lands in these areas would be premature as they have not had the opportunity to develop and the nature and character of these areas has yet to be established. In many cases, this is due to pending servicing or the area may have recently been brought into the urban boundary to accommodate future employment area employment growth to 2031. As a result, preserving these areas for future employment uses is integral to meeting Regional and local municipal long term employment needs. These areas are more appropriately evaluated through a subsequent MCR.

Proposed Amendment 1 does not impact the proposed criteria to assess requests for employment area conversions

Proposed changes in Amendment 1 to the Growth Plan do not impact the way in which staff recommend assessing requests for conversions in employment areas. [Staff's position](#) on proposed Amendment 1 is that all requests for employment area conversions be considered comprehensively through the MCR, not in advance of the next MCR. Since the Region's MCR is well underway, it is appropriate to consider all requests for conversion comprehensively through that process.

Land owners will be consulted on the Region's preliminary evaluations of requests for conversions

Over the coming months, staff will be applying the criteria to evaluate requests for employment area conversions and generate preliminary recommendations. Results of preliminary assessments will be shared and discussed with land owners, local municipal staff, and other stakeholders as appropriate. Adjacent land owners for sites that staff recommend be considered for conversion will also be notified.

Preliminary assessments on requests for conversion will be presented to Council in conjunction with the draft forecast in fall 2019

Assessments on requests for employment area conversions are one of many inputs to the Region's employment forecast and policy update. The draft forecast is scheduled to be presented to Council in the fall of 2019 and will be informed by a detailed review of existing official plan policies, recommendations on requests for conversions, and analysis on historical and future trends. This work will also be an important input to the Economic Development Action Plan update.

Land owner conversion requests received by the Region by May 1st 2019 will be considered in the Region's draft forecast and land needs assessment tentatively scheduled for fall 2019. Through consultation with local municipal staff, land owners, and other stakeholders, recommendations on each request will be presented to Council with the draft forecast.

Planning and protecting employment areas supports goals of Vision 2051 and the Strategic Plan

Protecting employment areas has a strong policy framework in the ROP and links to Vision 2051's goal area of An Innovation Economy. Vision 2051 has links to economic growth in all eight goal areas.

A number of indicators under the Economic Vitality strategic priority area of the Strategic Plan focus on preservation of the Region's finite supply of employment areas, one of which is protection and securement of employment areas along 400 series highways.

5. Financial

Employment areas play a central role in the Region's economy. Availability of a wide range of employment land is integral to fiscal health of a community and can directly affect economic development and diversification of the assessment base. Employment growth also has potential to generate spinoff economic benefits.

6. Local Impact

York Region staff have met with local municipal planning staff to discuss protecting employment areas. Local municipal staff helped develop the proposed criteria and will be an integral part of the evaluation process. Extensive consultation with local municipal staff will occur when developing recommendations on each request for conversion. Local municipalities are key partners in the ongoing preservation, enhancement and planning of employment areas.

7. Conclusion

Employment areas are strategic and vital to the Regional economy. Employment areas accommodate over 53% of the Region's 2018 employment base and have a number of economic benefits. These include providing York Region residents with access to high-quality jobs, supporting a healthy tax base and accommodating export-based businesses with land extensive or specific location requirements at lower land costs.

To date, the Region has received 30 requests for employment area conversion. Staff have developed a set of proposed employment area conversion criteria (Attachment 4) to evaluate these requests. The Region's criteria build on Growth Plan policies and provide a comprehensive and equitable basis for evaluating requests for employment area conversions. Recommended treatment of lands subject to requests for conversion will be evaluated with local municipalities, land owners and other stakeholders as required before being presented to Council with the Region's recommended growth scenario in the fall of 2019.

For more information on this report, please contact Paul Bottomley, Manager, Policy, Research, and Forecasting at 1-877-464-9675 ext. 71530. Accessible formats or communication supports are available upon request.

Recommended by: **Paul Freeman, MCIP, RPP**
Chief Planner

Dino Basso
Commissioner of Corporate Services

Approved for Submission: **Bruce Macgregor**
Chief Administrative Officer

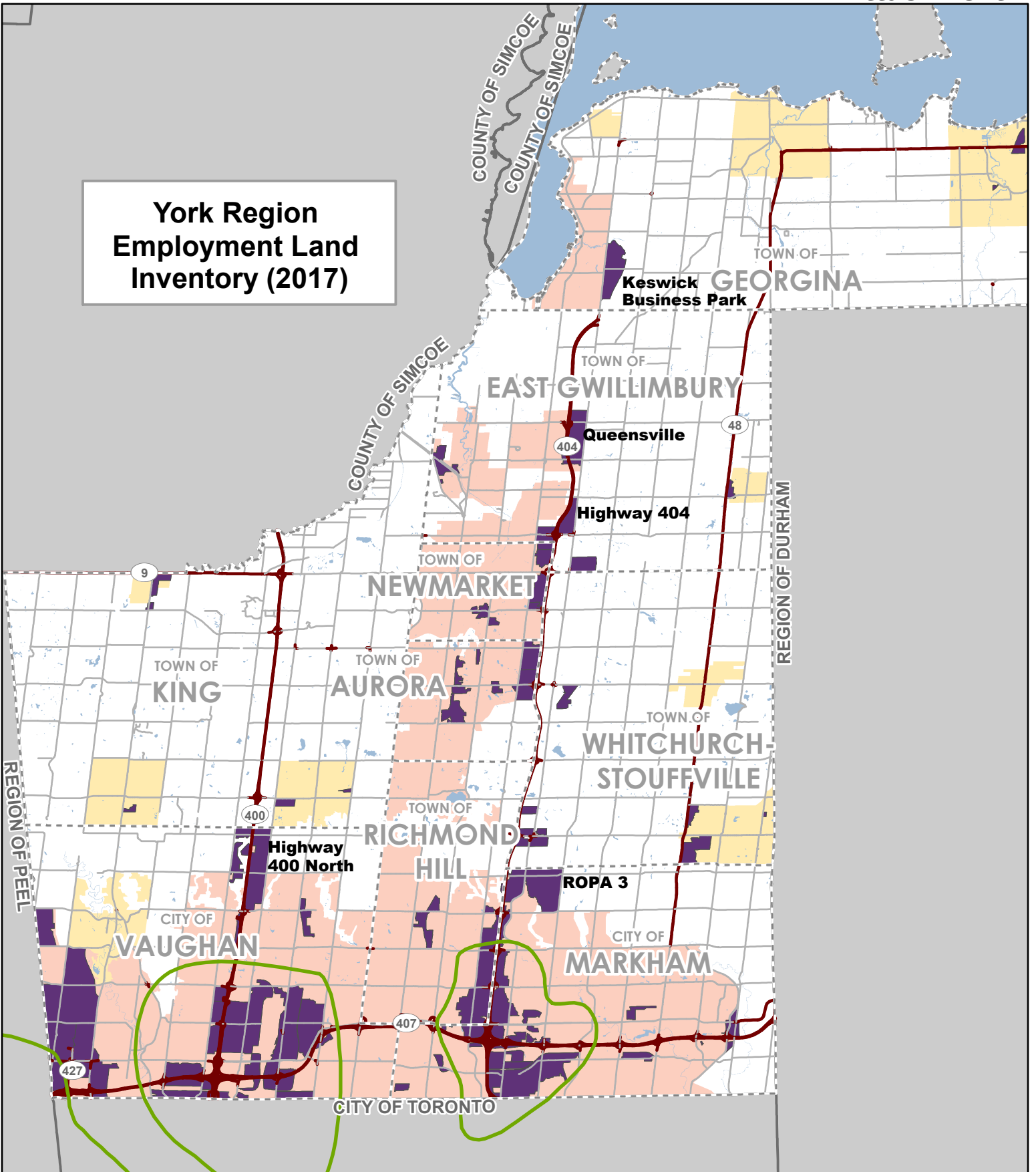
February 22, 2019
Attachments (4)
eDOCS #9111458

Employment Type Definitions

For forecasting and land needs assessment purposes, the Region categorizes employment into four types:

- 1. Employment area:** Employment within designated employment areas, excluding major office. This type of employment typically includes business activities such as manufacturing, research and development, warehousing and ancillary retail and service uses.
- 2. Major office:** Employment occurring in free standing office buildings of 20,000 square feet or more. Finance, insurance and real estate businesses typically occupy major office space. City or town halls, police stations, hospitals and school board offices are not included in this category and are classified as population-related employment.
- 3. Population related:** Employment serving the local population such as retail, education, government, social and community services and medical services. This type of employment tends to grow directly in response to population growth. Home based businesses are also captured in this category.
- 4. Rural:** includes jobs dispersed throughout rural areas (i.e. agriculture, primary industries)

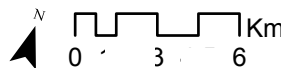
**York Region
Employment Land
Inventory (2017)**



REGIONAL MUNICIPALITY OF YORK
2017 Employment Land Inventory

Produced by:
The Regional Municipality of York
Planning and Economic
Development, Corporate Services
March 2019

Data: © Queen's Printer for Ontario
2003-2019



Legend			
	Employment Area		Highway
	Boundary		Road
	Megazone Boundary		Railway
	Towns and Villages		Municipal Boundary
	Urban Area		Regional Boundary
	Lake/River		

Proposed Employment Area Conversion Requests by Municipality

The following is a list of land owner submissions requesting re-designation of lands to a non-employment use. Employment area conversion requests received as of February 5th 2019 have been included in this table.

	Address	Location	Employment Area	Total Area (ha)*	Municipality	Nature of Request
1	180 and 182 Centre Cres	The subject property is located west of Industrial Parkway and north of Centre Street, in the Industrial Parkway North Employment Area.	Industrial Parkway North	0.8	Aurora	A request to re-designate subject lands from employment and light industrial uses to residential use.
2	337 Magna Drive	The subject lands are located in the southeast and southwest quadrant of Stronach Boulevard and Wellington Street East in the Magna Business Park.	Magna	10.0	Aurora	A request to re-designate lands from Business Park employment use to Mixed Use, Medium – High Density Residential, and Community Commercial uses
3	1289 Wellington Street East	The subject lands are located at the southwest corner of Leslie Street and Wellington Street East in the Magna Employment Area.	Magna	3.5	Aurora	A request to re-designate subject lands from Business Park employment use to Community Commercial designations
4	20 and 25 Mavrinac Boulevard	The subject lands are located at the northeast and northwest corner of Mavrinac Boulevard and Wellington Street East.	Magna	6.9	Aurora	A request to re-designate lands from Business Park employment use to Low to Medium Residential and Medium to High Density Residential uses
5	5821, 5845, 5865, 5875, 5933 14th Ave	The subject lands are bounded by 14th Ave to the north, a shopping plaza along Markham Road to the east, the Aaniin Community Centre to the west and vacant lands to the south. The site is within the Armadale Employment Area.	Armadale	4.8	Markham	A request to re-designate a portion of the subject lands from employment to residential

	Address	Location	Employment Area	Total Area (ha)*	Municipality	Nature of Request
6	8050 Woodbine Avenue	Site is located on the west side of Woodbine, right south of the intersection of Woodbine and Highway 407.	Rodick	3.3	Markham	A request to relax the current employment designation of the property and achieve site-specific policy recognition. The property qualifies as a Major Transit Station Area.
7	2730 Elgin Mills Road	Site is located on the north side of Elgin Mills Road, west of Woodbine Avenue and just east of Highway 404.	Victoria Square	1.0	Markham	A request to re-designate lands from "Service Employment" use to "Low Rise Residential"
8	7386 & 7482 Highway 7 East, 8600 & 8636 Reesor Road, 8662/8724 Reesor Road	The site is bounded by Highway 7 to the south, Donald Cousens Parkway to the west and north, and Reesor Road to the east in the Cornell Employment Area.	Cornell	18.4	Markham	A request to convert employment land to support mixed-use development comprising medium and high density residential, retail, office commercial and a hotel
9	Part of Lot 11, Concession 9	The subject property is located at northwest corner of Highway 7 East and Donald Cousens Parkway, within the Cornell Employment Area	Cornell	1.0	Markham	A request to re-designate land from employment use to permit residential use, in addition to retail, office, and employment uses already permitted within the "Business Park Area - Avenue 7 Corridor" designation of the Cornell Secondary Plan (2008)

	Address	Location	Employment Area	Total Area (ha)*	Municipality	Nature of Request
10	77 Anderson Avenue	The subject site is located on the north side of Bur Oak Avenue, west of the CN Rail line, and east Anderson Avenue and Markham Road. The lands are also north of the Mount Joy GO Transit station, within the Mount Joy Business Park.	Mount Joy	0.5	Markham	A request to re-designate subject lands from Service Employment to Mixed Use High Rise
11	301 & 395 Mulock Drive, 421 Cane Parkway, 450 & 505 Kent Drive, 460 Oak Street, 489 & 510 Penrose Street, 559, 569, 589, 590 & 611 Steven Court, 16630, 16650 & 16700 Bayview Avenue	The subject lands, consisting of multiple parcels, are located in the northwest and southwest quadrants of Bayview Avenue and Mulock Drive. These properties are part of the Mulock Southeast and Mulock North Employment Areas in Newmarket.	Mulock Southeast and Mulock North	18.3	Newmarket	The Town of Newmarket has initiated the Mulock GO Station Area Secondary Plan, with plans for converting existing employment areas to allow for mixed-uses, including retail and residential uses.
12	1577 Major Mackenzie Drive East	The subject property is located at the southwest corner of Major Mackenzie Drive and Highway 404 in the Headford Business Park.	Headford	17.6	Richmond Hill	A request to re-designate employment lands to mixed-use to facilitate the development of high-density residential and commercial uses (including office, retail/service commercial and hotels) on site.

	Address	Location	Employment Area	Total Area (ha)*	Municipality	Nature of Request
13	1521 19th Avenue	The subject lands are located on the south side of 19th Avenue, east of Leslie Street within the North Leslie Secondary Plan area. This application is submitted together with 1585 19th Avenue – see application # 41.	North Leslie	0.1	Richmond Hill	A request to re-designate lands from employment to residential use.
14	1585 19th Avenue	The subject lands are located on the south side of 19th Avenue, east of Leslie Street within the North Leslie Secondary Plan area. This application is submitted together with 1521 19th Avenue – see application # 40.	North Leslie	0.4	Richmond Hill	A request to re-designate lands from employment to residential use.
15	93 Edward Avenue and 500 Elgin Mills Road East	The site is bounded by Elgin Mills Rd. E to the South, Edward Ave to the west, Community Living York South to the north, and Rose Branch Drive to the east.	Newkirk	2.7	Richmond Hill	A request to re-designate subject lands to permit a private school with outdoor recreation area/sports field at 93 Edward Avenue.
16	11421 Weston Road; Part of Lot 30, Concession 5	The property is located in the south-east quadrant of Kirby Road and Weston Road. The site is bounded by Kirby Road to the north, Weston Road west, residential to the east.	Highway 400 North (Teston West) (ROPA 52)	18.3	Vaughan	A request to re-designate lands to allow mixed-use permissions (including residential use) beyond employment uses permitted by the City of Vaughan OPA 637. The site is also located within the ROPA 52 area.

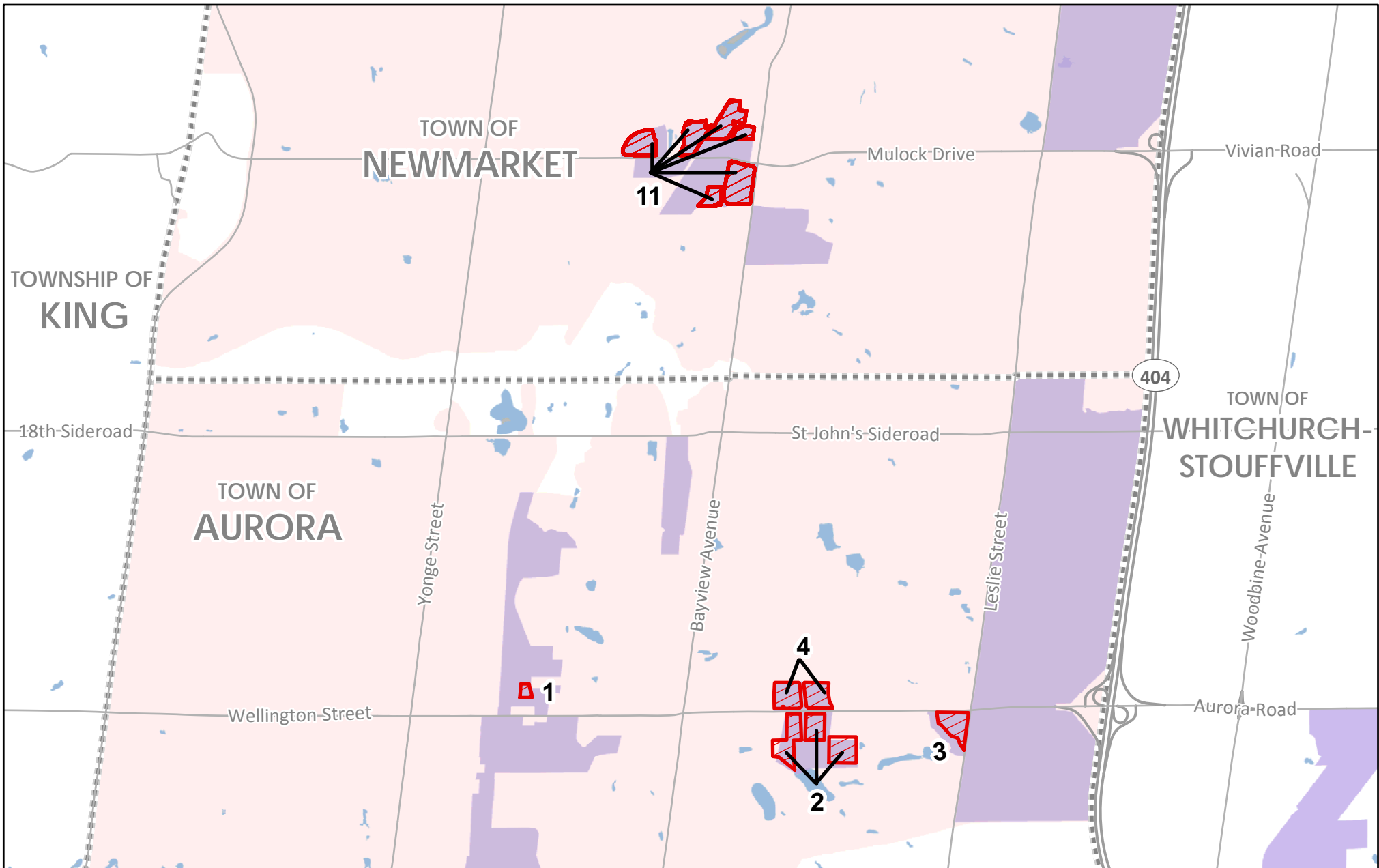
	Address	Location	Employment Area	Total Area (ha)*	Municipality	Nature of Request
17	233 Four Valley Drive, 1040-1080 Edgeley Blvd	The property is located in the southeast quadrant of Bass Pro Mills Drive and Edgeley Boulevard, in the Vaughan 400 North Employment Area.	Vaughan 400 North	6.0	Vaughan	A request to re-designate employment land to support mixed-use development on site.
18	11, 27 and 37 Jacob Keefer Parkway	The subject property is located at the southeast corner of Rutherford Road and Jacob Keefer Parkway, along the northern boundary of the Tutor West Employment Area.	Tutor West	1.0	Vaughan	A request to permit residential use on the subject lands currently designated as "Employment Commercial Mixed-use" in the 2010 Vaughan Official Plan.
19	7625 Martin Grove Road & 211 Woodstream Boulevard	The subject property contains two parcels, located south of Highway 7, east of Martin Grove Road, on the north and south sides of Woodstream Boulevard. The subject lands are situated in the West Woodbridge Employment Area.	West Woodbridge	1.8	Vaughan	A request to re-designate lands from employment uses to mid-rise mixed-use for residential and commercial uses
20	661 and 681 Chrislea Road	The subject lands are located in the southwest quadrant of Langstaff Road and Highway 400, bounded by Silmar Drive in the west and Chrislea Road to the south. The property is situated in the Weston 400 Employment Area.	Weston 400	1.6	Vaughan	A request to re-designate subject lands from Employment use to High-Rise Mixed use

	Address	Location	Employment Area	Total Area (ha)*	Municipality	Nature of Request
21	Lots 26 to 35, Vaughan Concession 5 & Lot 1, King Concession 5 (3440 Kirby Road and 11720 Jane Street)	The subject lands are located on the east and west sides of Highway 400. Lands to the east of the Highway are bounded by King Vaughan Road to the north, Jane Street to the east, and Kirby Road to the south. The western portion is bounded by King Vaughan Road to the north, Weston road to the west, and Teston Road to the south. The lands are also known as Blocks 34W and 35 in Vaughan. They are also located within the ROPA 52 area.	Highway 400 North (ROPA 52)	291.0	Vaughan	A request to re-designate the subject lands from employment to residential uses.
22	8083 Jane Street	The subject property is located at the southeast corner of Jane Street and MacIntosh Boulevard in the Vaughan 400 Employment Area.	Vaughan 400	1.8	Vaughan	A request to re-designate lands from Prestige and General Employment to Mixed Use designation.
23	8821 Weston Road	The subject lands are located south of Rutherford Road, north of Langstaff Road, on the east side of Weston Road, and west of Highway 400. The property is located in the Weston 400 North Employment Area.	Weston 400 North	3.6	Vaughan	A request to re-designate subject lands from Prestige Employment to Employment Commercial – Mixed use
24	Part of Lot 14 and 15, Concession 5	The property is located in the south-east quadrant of Rutherford Road and Weston Road, just west of Highway 400, in the Vaughan Mills Centre Employment Area.	Vaughan Mills Centre	39.0	Vaughan	A request to re-designate the subject lands from employment to residential/ mixed-uses.

	Address	Location	Employment Area	Total Area (ha)*	Municipality	Nature of Request
25	6241 Rutherford Road	The subject property is located on the south side of Rutherford Road, to the west of Highway 27. It is situated within the Block 59 planning area and in the West Vaughan Employment Area.	West Vaughan – Huntington East	8.2	Vaughan	A request to convert employment lands from the current Prestige Employment designation to facilitate the development of a banquet hall
26	2739 Highway 7	The subject property is located at the southwest corner of Highway 7 and Costa Road, in the Jane South Employment Area. The site is currently used for the storage of equipment/vehicles. It is located just east of the Vaughan Metropolitan Centre Secondary Plan area.	Jane South	0.3	Vaughan	Request to convert employment land to allow residential uses
27	45, 65, 85, 115 Bowes Road and 1950 and 1970 Highway 7	Site bounded by Highway 7 to the south, the railway to the east, and Bowes Road to the west.	Keele	12.4	Vaughan	A request to re-designate lands from Employment Commercial Mixed-Use to Mixed-Use Commercial/Residential
28	2267 Highway 7 and 7700 Keele Street	The subject lands are located at the southwest quadrant of Highway 7 and Keele street.	Keele	5.5	Vaughan	A request to redesignate the subject lands to a mixed-use residential development
29	156 Chrislea Road and 15 Jevlan Drive	The subject lands are bounded by Jevlan drive to the west, Chrislea road to the south and east and employment lands to the north.	Weston 400	1.5	Vaughan	A request to allow greater flexibility in the permitted uses including more retail and service commercial type uses.

	Address	Location	Employment Area	Total Area (ha)*	Municipality	Nature of Request
30	12049 Highway 48	The subject lands form Block 7, Registered Plan 65M-4444, at the north-east corner of Highway No. 48 and Hoover Park Drive.	Stouffville South	18.0	Whitchurch-Stouffville	A request to redesignate the subject lands to allow for mixed use residential and commercial development

*Conversion site boundaries are based on applicants' submissions and may not reflect the extent of the area subject to conversion. Areas are subject to change.



Proposed conversion site boundaries are based on applicants' submissions and may not reflect the extent of the area subject to conversion. These boundaries are subject to further refinement.



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 February 2019

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TOWN OF AURORA AND TOWN OF NEWMARKET

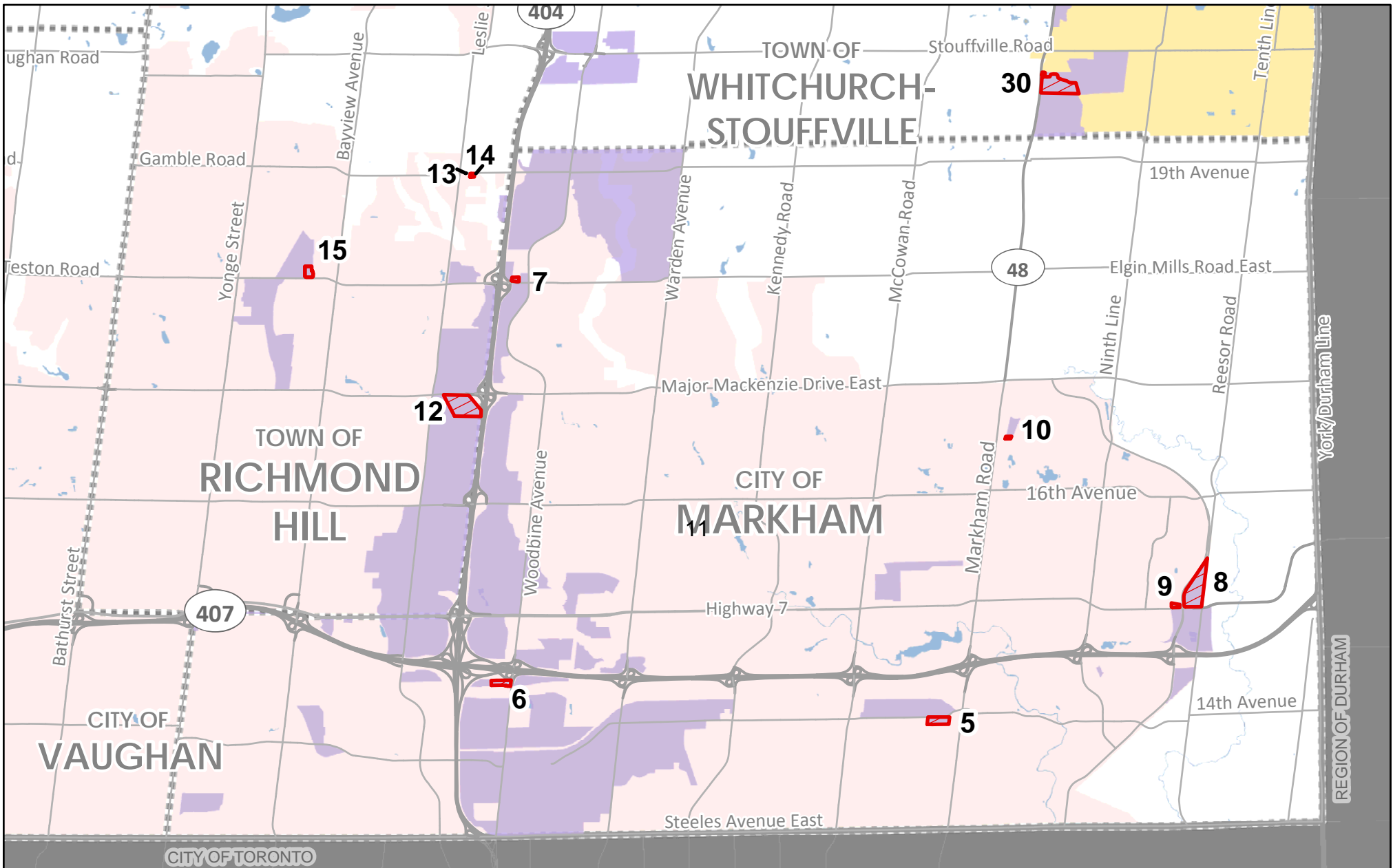
Proposed Employment Area Conversion Requests

(Received as of February 5, 2019)

9



- | | | | |
|--|------------------------------------|--|-----------------------------|
| | Employment Area | | Highway |
| | Employment Area Conversion Request | | Road |
| | Towns and Villages | | Railway |
| | Urban Area | | Regional Municipal Boundary |
| | Lake/River | | Local Municipal Boundary |



Proposed conversion site boundaries are based on applicants' submissions and may not reflect the extent of the area subject to conversion. These boundaries are subject to further refinement.



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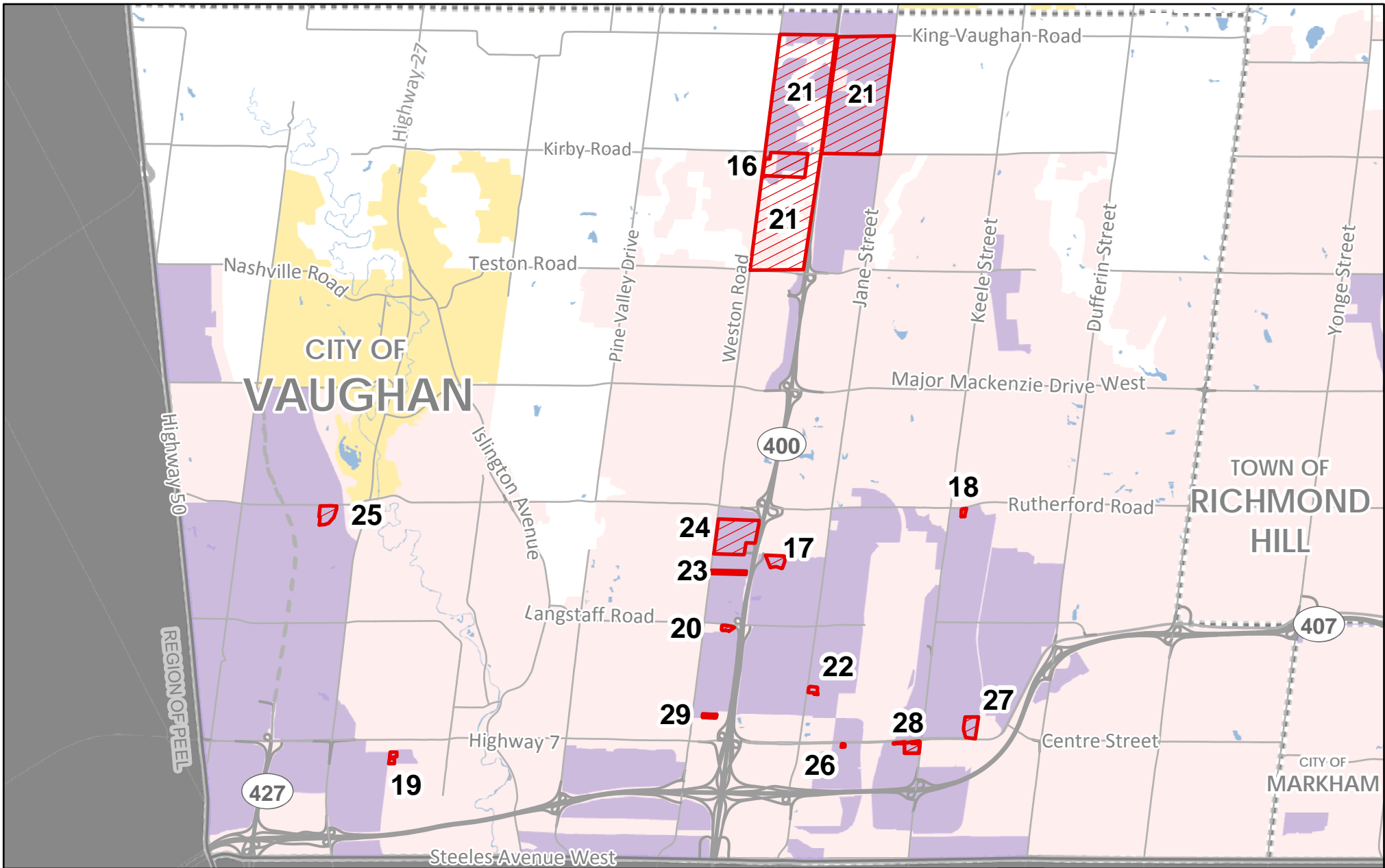
TOWN OF RICHMOND HILL, CITY OF MARKHAM AND TOWN OF WHITCHURCH-STOUFFVILLE

Proposed Employment Area Conversion Requests

(Received as of February 5, 2019)



- | | | | |
|--|------------------------------------|--|-----------------------------|
| | Employment Area | | Highway |
| | Employment Area Conversion Request | | Road |
| | Towns and Villages | | Railway |
| | Urban Area | | Regional Municipal Boundary |
| | Lake/River | | Local Municipal Boundary |



Proposed conversion site boundaries are based on applicants' submissions and may not reflect the extent of the area subject to conversion. These boundaries are subject to further refinement.



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 February 2019

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CITY OF VAUGHAN

Proposed Employment Area Conversion Requests

(Received as of February 5, 2019)

11



- | | |
|------------------------------------|-----------------------------|
| Employment Area | Highway |
| Employment Area Conversion Request | Proposed Highway |
| Towns and Villages | Road |
| Urban Area | Railway |
| Lake/River | Regional Municipal Boundary |
| | Local Municipal Boundary |

Proposed Employment Area Conversion Criteria

Employment Area conversion requests will be assessed using criteria. The provincial Growth Plan employment area conversion criteria have been incorporated into the Region's proposed criteria as listed below. Table 1 provides more detailed information of each criteria and their importance in being considered when evaluating a conversion request.

The conversion of lands within employment areas to non-employment uses may be permitted only through a Municipal Comprehensive Review where it is demonstrated that:

Growth Plan Criteria

1. The lands are not required over the horizon of the Growth Plan for the employment purposes for which they are designated (Growth Plan 2.2.5.9 b).
2. The Region and local municipality will maintain sufficient employment lands to accommodate forecasted employment growth, including sufficient employment land employment growth, to the horizon of the Growth Plan (modified Growth Plan 2.2.5.9.c).
3. Non-employment uses would not adversely affect the overall viability of the employment area or the achievement of the minimum intensification and density targets and other policies in the Growth Plan (modified Growth Plan 2.2.5.9 d).
4. There are existing or planned infrastructure and public service facilities to accommodate the non-employment uses (e.g. sewage, water, energy, transportation) (modified Growth Plan 2.2.5.9 e).
5. There is a need for the conversion (Growth Plan 2.2.5.9 a).

York Region Criteria

6. The following employment areas will not be considered for conversion as they have not yet had the opportunity to develop due to servicing constraints or have recently been brought into the urban boundary to accommodate employment land employment growth to 2031: Keswick Business Park, Queensville, Highway 404 (ROPA 1), ROPA 3, and Highway 400 North (ROPA 52).
7. The conversion will not be considered if the entire perimeter of the site is surrounded by lands designated for employment uses.

8. Conversion of the site would not compromise the Region's and/or local municipality's supply of large sized employment area sites (i.e. 10 ha or greater) which allow for a range uses including but not limited to land extensive uses such as manufacturing, warehousing, distribution and logistics.
9. The conversion will not destabilize or adversely affect current or future viability and/or identity of the employment area with regards to:
 - a) Hindering the operation or expansion of existing or future businesses
 - b) Maintaining lands abutting or in proximity to the conversion site for employment purposes over the long term
 - c) Attracting a broad range of employment opportunities and maintaining clusters of business and economic activities
 - d) Providing appropriate buffering of employment uses from non-employment uses.
10. The conversion to a non-employment use is compatible with the surrounding uses such as existing employment uses, residential or other sensitive land uses and will mitigate existing and/or potential land use conflicts.
11. The site offers limited development potential for employment land uses due to factors including size, configuration, access and physical conditions.
12. The proposed site is not adjacent to 400-series highways, or is not located in proximity to existing or planned highways and interchanges, intermodal facilities, airports and does not have access to rail corridors
13. The proposed conversion to a non-employment use does not compromise any other planning policy objectives of the Region or local municipality.
14. Cross-jurisdictional issues have been addressed.

Table 1: York Region Employment Area Conversion Criteria Descriptions

Theme Area	Criteria	Description
Supply	1. The lands are not required over the horizon of the Growth Plan for the employment purposes for which they are designated (<i>GP 2.2.5.9 b</i>).	<ul style="list-style-type: none"> • Intended to ensure an appropriate amount of land designated as employment to accommodate the employment forecast over the planning horizon.
Supply	2. The Region <i>and local municipality</i> will maintain sufficient employment lands to accommodate forecasted employment growth, <i>including sufficient employment land employment growth</i> , to the horizon of the Growth Plan (<i>modified GP 2.2.5.9.c</i>).	<ul style="list-style-type: none"> • Intended to ensure that both York Region and the local municipal land needs assessments will be considered when evaluating conversion requests. • Additionally, the words “sufficient employment land employment growth” were added to identify that protecting ELE jobs is a Regional priority as employment lands are home to the majority of the Region’s jobs.
Viability	3. Non-employment uses would not adversely affect the overall viability of the employment area or the achievement of the minimum intensification and density targets and other policies in the Growth Plan (<i>modified GP 2.2.5.9 d</i>).	<ul style="list-style-type: none"> • Intended to ensure that the viability of the employment area is maintained and that density (Designated Greenfield Area, Employment Area) and intensification (Urban Growth Centres, Strategic Growth Areas, and Major Transit Station Areas) targets can be met.
Infrastructure	4. There are existing or planned infrastructure and public service facilities to accommodate the non-employment uses (<i>e.g. sewage, water, energy, transportation</i>) (<i>modified GP 2.2.5.9 e</i>).	<ul style="list-style-type: none"> • When evaluating conversions consider if the existing or planned infrastructure and public service facilities are available to support the non-employment uses.

Theme Area	Criteria	Description
Region Wide	5. There is a need for the conversion (GP 2.2.5.9 a).	<ul style="list-style-type: none"> • Need can generally be defined by considering land supply and the urban structure. When applying this criteria, the following questions should be asked: • Is there not enough land to accommodate the development objectives elsewhere? • Are there specific characteristics of the proposed site that would result in a non-employment use being better integrated with the regional or local urban structure or better support Regional and local planning objectives?
Supply	6. The following employment areas will not be considered for conversion as they have not yet had the opportunity to develop due to servicing constraints or have recently been brought into the urban boundary to accommodate employment land employment growth to 2031: Keswick Business Park, Queensville, Highway 404 (ROPA 1), ROPA 3, and Highway 400 North (ROPA 52).	<ul style="list-style-type: none"> • Due to the nature, character, and potential success of these employment areas, time to develop should be given prior to considering these areas for conversion. • Queensville: Secondary Plan was approved for this employment area in 1998. Water/wastewater servicing is not available to this area and is contingent on the Upper York Sewage Solution – currently scheduled for 2026. • ROPA 1: Brought into the urban boundary through YROP-2010. Minimal opportunity for development exists in this employment area as full build out is contingent on the Upper York Sewage Solution – currently scheduled for 2026. • ROPA 3: Brought into the urban boundary through the YROP-2010. Additional infrastructure is required to support the full buildout of this employment area. • ROPA 52: Brought into the urban area through YROP-2010. The Northeast Vaughan sewer upgrade (currently scheduled for 2028) is required to support the full buildout of this area. • Keswick Business Park: Secondary Plan for this employment area was approved in 2004. Despite having regional servicing available, the area has no local water/ waste water servicing.
Viability	7. The conversion will not be considered if the entire perimeter of	<ul style="list-style-type: none"> • An important component of employment area viability is location. If a site proposed for conversion creates a “hole” in the employment

Theme Area	Criteria	Description
	<p>the site is surrounded by lands designated for employment uses.</p>	<p>area, the employment area becomes disconnected. If a site becomes disconnected, it has the potential to impact a larger area than just the site being converted as well as sites immediately adjacent.</p> <ul style="list-style-type: none"> • This can also impact market attractiveness and limit choice of different sized sites for new businesses or existing business expansions in the surrounding area. It can also open the door to future land use compatibility issues depending on the type of non-employment use permitted on those converted lands.
Supply	<p>8. Conversion of the site would not compromise the Region's and/or local municipality's supply of large sized employment area sites (i.e. 10 ha or greater) which allow a range uses including but not limited to land extensive uses such as manufacturing, warehousing, distribution and logistics.</p>	<ul style="list-style-type: none"> • Protecting a diverse range, size and mix of employment areas ensures a competitive economic environment as stated in policy 2.2.5.1b of the Growth Plan. The Region has been experiencing substantial growth in many land extensive sectors such as manufacturing, warehousing, distribution and logistics, a trend that is likely to continue with automation and artificial intelligence. Preserving these sites for prospective employers is important. • What is the size of the proposed site? • Does the site have the potential to accommodate land extensive uses?
Viability	<p>9. The conversion will not destabilize or adversely affect current or future viability and/or identity of the employment area with regards to:</p> <p>a) Hindering the operation or expansion of existing or future businesses</p> <p>b) Maintaining lands abutting or in proximity to the conversion site for employment purposes over the long term</p>	<ul style="list-style-type: none"> • Intended to determine if the proposed conversion will impact the current or future viability of the employment area. • There are many factors that can be used to measure the impact a conversion may have on the success of an employment area. • This criteria is supportive of Growth Plan policies 2.2.5.1a and 2.2.5.7c

Theme Area	Criteria	Description
	<p>c) Attracting a broad range of employment opportunities and maintaining clusters of business and economic activities</p> <p>d) Providing appropriate buffering of employment uses from non-employment uses.</p>	
Viability	10. The conversion to a non-employment use is compatible with the surrounding uses such as existing employment uses, residential or other sensitive land uses and will mitigate existing and/or potential land use conflicts	<ul style="list-style-type: none"> • The land uses adjacent to a conversion site must be considered when evaluating the conversion request. • Will the conversion potentially enhance the character and condition of that proposed site? And will it be compatible with existing and future uses in the area?
Viability	11. The site offers limited development potential for employment land uses due to factors including size, configuration, access and physical conditions	<ul style="list-style-type: none"> • Employment areas are not equal in their attributes and desirability. Existing functional attributes of an employment area such as size, configuration, access and physical conditions are an indication of the area's current and long-term viability.
Access	12. The proposed site is not adjacent to 400-series highways, is not located in proximity to existing or planned highways and interchanges, intermodal facilities, airports and does not have access to rail corridors	<ul style="list-style-type: none"> • This criteria supports the Growth Plan and Regional Official Plan policies around preserving employment areas located near major goods movement corridors to support employment activities that require heavy truck and rail traffic (OP policy 4.3.6, GP policy 2.2.5.1.b, 2.2.5.8). Additionally, these sites offer highway frontage, which is a desirable feature for attracting new investment to the Region (Goal 5 of the Economic Development Action Plan)
Region Wide	13. The proposed conversion to a non-employment use does not compromise any other planning policy objectives of the Region or local municipality.	<ul style="list-style-type: none"> • When evaluating conversion requests, all Regional and Local planning objectives must be met. In the event that a particular conversion request does not meet one of the planning objectives of the Official Plan, but does meet the criteria, a rationale as to why the conversion is not recommended will be considered under this criterion.

Theme Area	Criteria	Description
Region Wide	14. Cross-jurisdictional issues have been addressed	<ul style="list-style-type: none"> • Intended to ensure that potential conflicts / shared access/servicing with neighbouring upper- and single-tier municipalities (Peel, Toronto, Durham, Simcoe) as well as local municipalities are considered and addressed when evaluating a conversion request



March 21, 2019

Mayor John Taylor
Town of Newmarket
395 Mulock Drive
Newmarket L3Y 4X7

MAYOR'S OFFICE		
INCOMING MAIL	REFERRED TO	COPIED TO
COUNCIL		
CAO		
MAR 22 2019		
COMMISSIONER		
DEPARTMENT		
CLERKS	✓	
CONCERNS		

Dear Mayor Taylor:

Re: National Day of Mourning

Since 1991, April 28th has been recognized nationally as the Day of Mourning. I am writing to ask that the Town of Newmarket, again, commemorate this National Day. The Labour Council is requesting that the Town:

1. Officially proclaim April 28th as a "Day of Mourning" for workers killed or injured on the job".
2. Publicize the proclamation as widely as possible.
3. Lower the Town's flags to half-mast.

Yours truly,

John Cartwright
President

cope 343

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www.labourcouncil.ca