



**City of Kingston
Information Report to Council
Report Number 19-003**

To: Mayor and Members of Council
From: Lanie Hurdle, Commissioner, Community Services
Resource Staff: Cheryl Hitchen, Social Policy & Strategic Community Development Manager
Julie Salter-Keane, Community Projects Manager
Date of Meeting: January 22, 2019
Subject: Community Indicators

Executive Summary:

The purpose of this report is to share with Council the results of a year-long community process to establish key community indicators that reflect the quality of life in the community. This snapshot of the community indicators complements other current initiatives including the neighbourhood and electoral district profiles, the community census profile web tool and the new neighbourhood mapping application.

Community indicators provide information about the well-being of a community. They show the progress the community is making towards its vision of becoming a vibrant and prosperous place to live.

Community indicators:

- bring people together to talk about what is important to them in their community
- raise awareness of the strength and challenges in communities
- identify key community issues
- spark new community initiatives
- guide politicians and decision-makers in allocating resources

Recommendation:

This report is for information purposes only.

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Authorizing Signatures:

ORIGINAL SIGNED BY COMMISSIONER

Lanie Hurdle, Commissioner, Community Services

ORIGINAL SIGNED BY CHIEF ADMINISTRATIVE OFFICER

Gerard Hunt, Chief Administrative Officer

Consultation with the following Members of the Corporate Management Team:

Jim Keech, President & CEO, Utilities Kingston	√
Desirée Kennedy, Chief Financial Officer & City Treasurer	√
Commissioner, Corporate & Emergency Services	√

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Options/Discussion:**Background**

Community indicators are measurements that describe conditions, simplify complex data, measure progress and chart trends over time. Indicators are high-level, objective and policy neutral, presenting facts and descriptions rather than explanations. By describing “what”, quality indicators prompt people to question “why”, which can lead to improved analysis, accountability and policy change.

In Kingston, there are multiple lists of indicators for various components of quality of life in the community (within City, non-governmental organizations (NGO’s), institutions, etc.); however, there is no consistent overall indicator list supported by the various stakeholders that reflects the quality of life in Kingston. The goal of this initiative was to develop one general list of indicators that is supported and utilized by all stakeholders in the community.

Stakeholders will continue to provide more in depth reporting on data and analysis pertaining to their areas of expertise. The community indicator initiative was intended to bring people together to talk about what is important to be measured in the community; provide key data that reflects the strengths and weaknesses of the community; and help identify key community issues and spark new initiatives.

Process

In 2017, City staff began researching best practices in community indicator work in other communities including Chatham-Kent, Winnipeg, Whistler, Calgary and San Antonio, Texas. A Steering Committee was formed with representation from a cross-section of community organizations to help identify the indicators. The Steering Committee included representation from: Kingston Police, City of Kingston, Cataraqui Region Conservation Authority, Public Health, Sustainable Kingston, Kingston Economic Development Corporation, Kingston Community Health Centres, Community Foundation, United Way and Tourism Kingston.

In choosing indicators, the group used the following guidelines:

- Data that is readily available
- Data from a reliable source
- Relevant to the general public
- Available at least every five years
- Measurable over long period of time
- Objective and policy neutral
- Allows for comparisons to other communities

Once a draft list of indicators was selected, a larger stakeholder group was consulted through an online survey to determine if the draft indicator list was a reflection of the community and if any important measurements were missing. This group included: St. Lawrence College, Limestone District School Board, Kingston Health Sciences Centre, South East Local Health Integration Network, Municipal Accessibility Advisory Committee, Kingston Coalition for Active Transportation, Kingston Public Library, Food Policy Council, SWITCH, Age-friendly Kingston

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Community Alliance, Queen's University, Children and Youth Services Planning Table and all City of Kingston department directors.

The results of this survey were used to determine the list of indicators that would be used for the public engagement process. An online survey was made available to the public and a public meeting held to allow residents to provide input in person. There were one hundred and three (103) residents that provided feedback and suggestions.

The results were reviewed by the Steering Committee and final list of indicators was selected. The Steering Committee determined that an infographic would be the best tool to report out to the public on the indicators selected and the supporting background information would be provided in a separate document. Data sources were then identified and used to create the infographic. The community indicators selected is a quality of life assessment tool that reports on population indicators in five categories. The five categories are: Community Context; Prosperous City; Healthy and Green; Safe and Vibrant Communities; and Vulnerable Populations. The infographic shows the most current data available. Some is from the 2016 Census while other data is sourced from various agencies and groups for 2017 and 2018 where available. The provincial average has been included where available.

To provide the background to the snapshot infographic, a community indicator definition and data source document will be posted on the City's website. For each indicator selected, a definition, source and data is cited.

Next Steps

The Community Snapshot, along with definitions and sources document, as well as other neighbourhood and community data resources, will be posted on the City's website by the end of February 2019.

The snapshot will be reviewed annually and updated with available data from the previous year, where it is available. Comparables with other communities that track similar indicators will be included in the annual update. This regular check-up will illustrate how Kingston, as a community, is doing.

Existing Policy/By-Law:

Not applicable

Notice Provisions:

Not applicable

Accessibility Considerations:

Not applicable

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Financial Considerations:

Not applicable

Contacts:

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Other City of Kingston Staff Consulted:

All City Directors

Exhibits Attached:

Exhibit A Community Indicators Infographic

Exhibit B Community Indicators Definition and Sources

Community Indicator Snapshot

Community Context¹

City of Kingston is a community of **123,798** people

Population under age 14 down 2.1% from 2006	Population aged 65+ increased by 29.6% from 2006
5.6% Population change since 2006	1.8% of residents speak French most often at home (Ont. 2.1%)
2.2% of residents speak multiple languages at home (Ont. 5.9%)	13.1% of population born outside of Canada (Ont. 29.1%)
3.5% of residents self identified as Indigenous (Ont. 2.8%)	

Prosperous City

60.2% of residents over the age of 15 are employed (Ont. 60.9%)³

5.5% are unemployed (Ont. 5.6%)³

14.1% of youth 15 to 24 are unemployed (Ont. 11.9%)³

68% of residents aged 25-64 have completed postsecondary education (Ont. 65%)¹

\$31,772 median after-tax income for individuals (Ont. \$30,641)¹

19% employed in health care and social assistance

15% employed in wholesale and retail trade³

11% employed in educational services³

Healthy and Green

61% of residential waste diverted for recycling²

32% GHG (greenhouse gas) reduction community-wide between 2011 and 2017

16 hectares of parkland and unmaintained open space per 1000 people

6.2 million transit passenger trips²

18.3% increase since 2016

63% of residents identify their own overall health as excellent or very good (Ont. 61%)¹

60% of adults participate in physical activity

Safe & Vibrant Communities

41.3% of eligible voters voted in the 2018 municipal election (Average Ontario turnout, 37.7%)³

74% of residents over the age of 12 years feel a strong sense of belonging to their local community (Ont. 71%)¹

91% of residents have a healthcare provider they see or talk to regularly (Ont. 90%)¹

\$31.52 per person cost to provide cultural services (median: \$25.05)¹

Arts, Heritage and Festival grants awarded cost **\$7.64** per person (median: \$7.52)¹

69.38 crime severity index (Ont. 50.4)²

12% down by from 2007²

Vulnerable Populations

29.3% of children 5 years of age are not developmentally prepared for their school-age years (Ont. 29.4%)¹

7.3% of households experience food insecurity (Ont. 9%)¹

24.9% of residents identify that most days in their life were stressful (Ont. 22%)¹

14.8% of population are living in poverty (Ont. 14.4%)¹

0.6% vacancy rate (Ont. 1.8%)³

48.5% of renters are spending more than 30% of their income on shelter (Ont. 68.7%)¹

¹ 2016 data ² 2017 data ³ 2018 data. Data sources available upon request. Data available in alternate formats through contactus at 613-546-0000

Community Indicator	Source	Definition	Data
Community Context			
Population	Statistics Canada. 2016 census. Kingston, CY [Census subdivision], Ontario. Census Profile. 2016 Census. Statistics Canada	Population census is the total process of collecting, compiling, evaluating, analysing and publishing or otherwise disseminating demographic, economic and social data pertaining, at a specified time, to all persons in a specific geographic area.	2016 - City of Kingston - 123,798
Age	Statistics Canada. 2016 census. Kingston, CY [Census subdivision], Ontario. Census Profile. 2016 Census. Statistics Canada	Population Age cohorts within this document are broken down into broad age categories	City of Kingston - age groupings 2016 0-14 - 18,105 (15%) 15-29 - 25,510 (21%) 30-44 - 22,470 (18%) 45-64 - 33,710 (27%) 65+ - 24,020 (19%)
Population Change	Statistics Canada. 2016 census. Kingston, CY [Census subdivision], Ontario. Census Profile. 2016 Census. Statistics Canada	Population change refers to the change in the number of people from the current census period (2016) to the decade previous census period (2006).	City of Kingston change since 2006 - 5.6%
Language at Home -French	Statistics Canada. 2016 census. Kingston, CY [Census subdivision], Ontario. Census Profile. 2016 Census. Statistics Canada	Language spoken most often at home' refers to the language the person speaks most often at home at the time of data collection.	City of Kingston 2,095/ total population 120,865 1.8% Ontario 277,045/ 13,312,865 (2.1%)
Multiple Languages at Home	Statistics Canada. 2016 census. Kingston, CY [Census subdivision], Ontario. Census Profile. 2016 Census. Statistics Canada	A person can report more than one language as "spoken most often at home" if the languages are spoken equally often.	City of Kingston 2,660/ total population 120,865 2.2% Ontario 790,825/ 13,312,865 (5.9%)
Indigenous Population	Statistics Canada. 2016 census. Kingston, CY [Census subdivision], Ontario. Census Profile. 2016 Census. Statistics Canada	'Aboriginal identity' refers to whether the person identified with the Aboriginal peoples of Canada. This includes those who are First Nations (North American Indian), Métis or Inuk (Inuit) and/or those who are Registered or Treaty Indians (that is, registered under the Indian Act of Canada), and/or those who have membership in a First Nation or Indian band. Aboriginal peoples of Canada are defined in the Constitution Act, 1982, Section 35 (2) as including the Indian, Inuit and Métis peoples of Canada.	City of Kingston 4,220/ total population 120,220 3.5% Ontario 374,395/ 13,242,160 (2.8%)
Population born outside of Canada	Statistics Canada. 2016 census. Kingston, CY [Census subdivision], Ontario. Census Profile. 2016 Census. Statistics Canada	Immigrant - refers to a person who is, or who has ever been, a landed immigrant or permanent resident. Such a person has been granted the right to live in Canada permanently by immigration authorities. Immigrants who have obtained Canadian citizenship by naturalization are included in this group. Recent immigrants are those individuals that arrived since the last census period (2011-2016).	City of Kingston immigrant population = 15,840 or 13.1% of total population (120,215); Ontario 3,852,145 (29.1%)
Prosperous City			
Employment Rate	Statistics Canada, Labour Force Survey; Table 14-10-0096-01- Labour Force Characteristics by Census Metropolitan Areas, Annual, 2018 Provincial data - Table 14-10-0018-01	The employment rate is the number of persons employed expressed as a percentage of the population 15 years of age and over. The employment rate for a particular group (age, sex, marital status, etc.) is the number employed in that group expressed as a percentage of the population for that group. Estimates are percentages, rounded to the nearest tenth.	Kingston CMA 15 years and over 2017 - 61.8% 2018 - 60.2% Youth - 15 to 24 years 2017 - 61.7% 2018 - 59.4%
Unemployment Rate	Statistics Canada, Labour Force Survey; Table 14-10-0096-01- Labour Force Characteristics by Census Metropolitan Areas, Annual, 2018 Provincial data - Table 14-10-0018-01	The unemployment rate is the number of unemployed persons expressed as a percentage of the labour force. The unemployment rate for a particular group (age, sex, marital status, etc.) is the number unemployed in that group expressed as a percentage of the labour force for that group. Estimates are percentages, rounded to the nearest tenth.	Kingston CMA 15 years and over 2017 - 5.5% 2018 - 5.5% Youth - 15 to 24 years 2017 - suppressed 2018 - 59.4%
Educational Achievement - % of population 25 to 64 with post secondary education	Statistics Canada, 2016 census; Education data table catalogue no. 98-400-2016242- Highest Certificate, Diploma or Degree (15), Major Field of Study - Classification of Instructional Programs (CIP) 2016 (14), School Attendance (3), Age (13A) and Sex (3) for the Population Aged 15 Years and Over in Private Households of Canada, Provinces and Territories, Census Divisions and Census Subdivisions, 2016 Census - 25% Sample Data - City of Kingston	Educational attainment - refers to the highest level of education that a person has successfully completed.	City of Kingston 43,405/63,860 (68%) Ontario 4,707,165/7,229,120 (65%)
Median individual income after taxes	Statistics Canada, 2016 census; Income data table 98-400-X2016119 - Income Sources and taxes and Income Statistics for the population aged 15 years and over in private households, by census subdivision - City of Kingston	Median income - The median income of a specified group is the amount that divides the income distribution of that group into two halves, i.e., the incomes of half of the units in that group are below the median, while those of the other half are above the median. Median incomes of individuals are calculated for those with income (positive or negative).	City of Kingston \$31,772 Ontario \$30,641
Percentage of employment by industry	Statistics Canada, Labour Force Survey; Table 14-10-0098-01 Employment by Industry, annual, CMA (x1000). Labour Force Survey estimates for employment by industry by census metropolitan area	Industry by NAICS - North American Industry Classification System. Industry refers to the general nature of the business carried out by the employer for whom the respondent works (main job only). Industry estimates in this table are based on 2012 NAICS.	Top 3 - 2018 19% - Health care and social assistance 15% - wholesale and retail trade 11% - educational services
Healthy and Green			
Recycling - % of residential waste diverted for recycling	City of Kingston, 2017	"Diversion" means those facilities, equipment, programs and services of the Solid Waste Management System operated for the purpose of diverting Waste from landfill, including but not limited to, recycling, composting and Municipal Hazardous or Special Waste.	61% of residential waste diverted for recycling - 2017

Climate Action - green house gas emission reduction	City of Kingston 2017 Community Greenhouse Gas Inventory, Sustainable Solutions Group, October 2018	A target defined by a reduction in absolute (or total) emissions over time (e.g., reduce total greenhouse gas emissions by 20% below 2007 levels by 2015). ... The baseline GHG inventory is the level of greenhouse gas emissions against which future GHG inventories are compared	32% GJ reduction community wide between 2011-2017
Parks/Open Space - # of acres of natural and maintained parkland and open space	City of Kingston and Cataraqui Region Conservation Authority (CRCA), 2016	For reference, Kingston has 123,798 residents and approximately 4843 acres (1960 hectares) of parkland and open space (city land (1379ac = 558 hc) and CRCA land (3464ac = 1402hc)) within its city boundaries. That equates to 39 acres or 16hc of parkland and open space per person.	39 acres or 16 hectares of parkland and unmaintained open space per 1000 people
Transit - # of conventional transit passenger trips per capita	City - Active Transportation Master Plan (ATMP) (2018) - City of Kingston & Public Health	Number of trips taken by ridership on Kingston Transit per year	2017 - 6.2 million transit passenger trips - increase 18.3% since 2016
Perceived overall health as excellent or very good	CCHS - Statistics Canada. Table 105-0509 - Canadian health characteristics, two year period estimates, by age group and sex, Canada, provinces, territories and health regions, occasional (number unless otherwise noted), CANSIM https://www150.statcan.gc.ca/n1/en/type/data?M=1	Population aged 12 and over who reported perceiving their own health status as being either excellent or very good or fair or poor, depending on the indicator. Perceived health refers to the perception of a person's health in general, either by the person himself or herself, or, in the case of proxy response, by the person responding. Health means not only the absence of disease or injury but also physical, mental and social well-being.	KFLA Heath Unit region 63% of people identified their own overall health as excellent or very good (Ont. 61%)
Adults participate in physical activity weekly	CCHS - Statistics Canada. Table 105-0509 - Canadian health characteristics, two year period estimates, by age group and sex, Canada, provinces, territories and health regions, occasional (number unless otherwise noted), CANSIM https://www150.statcan.gc.ca/n1/en/type/data?M=1	Canadians aged 18 and over. Indicates whether adults are physically active, meaning that they participate in at least 150 minutes of moderate to vigorous intensity aerobic physical activity per week, in bouts of 10 minutes or more. Moderate exercise is defined as an activity that causes a person to breathe harder and sweat at least a little.	60% of adults participate in 2.5 hours of moderate to vigorous physical activity weekly (Ont. 57.4%)
Safe and Vibrant Communities			
Civic Engagement - Voter turnout	City of Kingston; Association of Municipalities Ontario - 2018 municipal election stats	2018 Municipal election voter turnout	City of Kingston - 41.3% Average Ontario voter turnout 37.7%
Sense of belonging to local community	CACHES - Statistics Canada. Table 105-0509 - Canadian health characteristics, two year period estimates, by age group and sex, Canada, provinces, territories and health regions, occasional (number unless otherwise noted), CARSEM https://www150.statcan.gc.ca/n1/en/type/data?M=1	Population aged 12 and over who reported their sense of belonging to their local community as being very strong or somewhat strong. Research shows a high correlation of sense of community-belonging with physical and mental health.	74% of individuals over the age of 12 years felt a strong sense of belonging to their local community (Ont. 71 %)
Residents that have a healthcare provider they see or talk to regularly	CCHS - Statistics Canada. Table 105-0509 - Canadian health characteristics, two year period estimates, by age group and sex, Canada, provinces, territories and health regions, occasional (number unless otherwise noted), CANSIM https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1310011301	Population aged 12 and over who have a health care provider they regularly see or talk to when they need normal care or advice for their health.	91% of people have a healthcare provider they see or talk to regularly (Ont. 90%)
Per capita cost to provide cultural service	Local data - City of Kingston - Cultural Services Median data - Municipal benchmarking Network of Canada Http://mbncanada.ca/practice/culture Accessed 2016 data		2016 \$31.52 per person cost to provide cultural services (median \$25.50)
Arts, Heritage and festival grants awarded (cost per person)	Local data - City of Kingston - Cultural Services Median data - Municipal benchmarking Network of Canada Http://mbncanada.ca/practice/culture Accessed 2016 data		2016 \$7.64 per person cost for Arts, Heritage and Festival grants awarded
Crime - crime severity index	Stats Can - Table 35-10-0188-01 (formerly 252-0085); Crime severity index and weighted clearance rates, by police services, Ontario, annual, 2007-2017	The Crime Severity Index (CSI) monitors the severity level of police-reported crime. The CSI measures the overall seriousness of crime from one year to the next by tracking both the prevalence of crime within a community, and the seriousness of the crimes committed.	2017 - 69.38 - down 12% from 2007 2016 - 62% crime severity index (ONT 53%) 2015 - 60% (2% change) - 49% (4% change)
Vulnerable Populations			
Children's Developmental Health (age 5)	Ministry of Education - Early Development Instrument - 2015	The Early Developmental Instrument (EDI) is a questionnaire completed by kindergarten teachers that measures children's ability to meet age-appropriate developmental expectations in 5 general categories; Physical Health & Well-being, Social Competence, Emotional Maturity, Language and Cognitive Development and Communications Skills and General Knowledge	EDI vulnerable on one or more domains: Kingston & Frontenac 29.3% Ontario 29.4%
Food Insecurity	CACHES - Statistics Canada. Table 105-0509 - Canadian health characteristics, two year period estimates, by age group and sex, Canada, provinces, territories and health regions, occasional (number unless otherwise noted), CARSEM https://www150.statcan.gc.ca/n1/en/type/data?M=1	Variable is based on the Canadian Community Health Survey (CCHS) Food Security module, a set of 18 questions, and indicates whether households both with and without children were able to afford the food they needed in the previous 12 months. The levels of food security are defined as: 1- Food secure: No, or one, indication of difficulty with income-related food access; 2- Moderately food insecure: Indication of compromise in quality and/or quantity of food consumed; 3- Severely food insecure: Indication of reduced food intake and disrupted eating patterns.	7.3% of households experienced food insecurity (Ont. 9%)

<p>Perceived life stress, most days quite a bit or extremely stressful</p>	<p>CCHS - Statistics Canada. Table 105-0509 - Canadian health characteristics, two year period estimates, by age group and sex, Canada, provinces, territories and health regions, occasional (number unless otherwise noted), CANSIM (database). (accessed: 04.26.2018) https://www150.statcan.gc.ca/n1/en/type/data?M=1</p>	<p>Population aged 12 and over who reported perceiving their own health status as being either excellent or very good or fair or poor, depending on the indicator. Perceived health refers to the perception of a person's health in general, either by the person himself or herself, or, in the case of proxy response, by the person responding. Health means not only the absence of disease or injury but also physical, mental and social well-being.</p>	<p>2015/2016 - KFLA Health Unit region - 24.9% 2015/2016 Ont. 22%</p>
<p>Poverty - % living below Low income measure (LIM-AT)</p>	<p>98-400-X2016127: Low-income Indicators (4), Individual Low-income Status (6), Age (8) and Sex (3) for the Population in Private Households of Canada, Provinces and Territories, Census Divisions and Census Subdivisions, 2016 Census - 100% Data Source: Statistics Canada 2016 Census - Low income measure After tax (LIM-AT) 2015, City of Kingston</p>	<p>Low-income measure, after tax (LIM-AT) - The Low-income measure, after tax, refers to a fixed percentage (50%) of median adjusted after-tax income of private households. The household after-tax income is adjusted by an equivalence scale to take economies of scale into account. This adjustment for different household sizes reflects the fact that a household's needs increase, but at a decreasing rate, as the number of members increases. Using data from the 2016 Census of Population, the line applicable to a household is defined as half the Canadian median of the adjusted household after-tax income, multiplied by the square root of household size. The median is determined based on all persons in private households where low-income concepts are applicable.</p>	<p>Prevalence of low income based on LIM-AT: City of Kingston 14.8% Ontario 14.4%</p>
<p>Vacancy Rate</p>	<p>CMHC Rental Market Report - Kingston CMA (2018) CANSIM table - 34-10-0130-01: CMHC, vacancy rates, row and apartment structures of three units and over, privately initiated in CMAs, weighted average, annual</p>	<p>Vacancy is defined as a unit that is considered vacant if, at the time of the survey, it is physically unoccupied and available for immediate rental.</p>	<p>2.6% Vacancy rate in 2016 dropped to 0.8% in 2017 2018 - Kingston CMA - 0.6% & Ontario 1.8%</p>
<p>Percentage of renters spending more than 30% of their income on shelter</p>	<p>Statistics Canada. 2016 census. Kingston, CY [Census subdivision], Ontario. Census Profile. 2016 Census. Statistics Canada</p>	<p>Shelter-cost-to-income ratio - Refers to the proportion of average total income of household which is spent on shelter costs. For renters households, shelter costs include, where applicable, the rent and the costs of electricity, heat, water, and other municipal services.</p>	<p>City of Kingston - 48.5% Ontario - 45.7%</p>