

Appendix G: Report Card Indicator Framework

sustainable
Peterborough



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“Let's raise our eyes beyond the conventional horizon of a year and ask, What kind of world would we like to have in a generation?” – David Suzuki

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ABOUT THIS DOCUMENT

The following indicators are to be used for the annual Report Card, reporting on the progress related to Sustainable Peterborough. The indicator framework is a representative set of indicators that provides a 'big picture' indication of change spanning multiple sustainability pillars and themes. These indicators have been developed based on best practices and are suited to the needs of the Greater Peterborough Area. They use readily available data sources and some simple data tracking and compilation. Annual reporting of these indicators allow for the comparison of where we stand with respect to our progress towards sustainability over time.

ENVIRONMENTAL PILLAR

Indicator	Description	Unit of Measure	Source
Waste Diversion, Residential	Current level of residential waste diverted (recycling, green bin, etc.)	% diverted	Waste Diversion Ontario – GAP Diversion Rates
Air Quality, Fine Particulate Matter – PM _{2.5}	Particulate Matter, 98th percentile of 24 hour means	Micrograms per cubic meter (µg/m ³)	Environment Canada
Greenhouse Gas Emission Reduction	Current % GHG emission reduction achieved in reference to base year defined in target	Average, municipal corporation % reduction and community % reduction	Survey
Green Buildings	Current number of LEED certified buildings	Number of LEED certified buildings	Survey
Renewable Energy	Current number of renewable energy projects and total capacity of renewable energy output	Number of renewable energy projects, total renewable energy output (kilowatts)	Ontario Power Authority; Survey
Sustainable Transportation Use	Number of people in a city using an active and efficient mode of transportation to work: public transit, walking, biking, carpooling, other	% of total employed labour force 15 years and over with a usual place of work or no fixed workplace address using a sustainable mode of transportation to work	Statistics Canada
Trails	Total Kilometers of trails	Kilometers (km)	Municipal Performance Measures Program (MPMP)
Open Space	Amount of municipally owned open space	Hectares (ha)	Municipal Performance Measures Program (MPMP)
Biodiversity	Current number of wintering birds in count areas in the Greater Peterborough Area	Number of species of wintering birds	Bird Studies Canada Christmas Bird Count
Water Quality	Current water quality measurements based on water quality guidelines	Canadian Environmental Sustainability Index (CESI) freshwater quality indicator (WQI) ranking: Excellent, Good, Fair, Marginal, Poor	Environment Canada

SOCIAL AND CULTURAL PILLAR

Indicator	Description	Unit of Measure	Source
Education	% of population who does not have a high school or higher diploma and % of population who has a degree, certificate, diploma, etc., awarded above the high school level	Average, % of total population 15 years and older who does not have a high school level diploma or above and % of total population 15 years and older who has a degree above high school level	Statistics Canada
Life Satisfaction	% of people who describe themselves as 'satisfied' or 'very satisfied' with their life	% of population	Statistics Canada
Voter Turnout	Rate of participation in the most recent municipal election	%	Survey – Municipalities/First Nations
Council Representation	The representation of gender and visible minorities on councils	Average, council gender gap and council visible minority gap relative to % visible minorities	Survey – Municipalities/First Nations
Density	Number of people per square kilometer of Greater Peterborough Area	Number of people/km ²	Statistics Canada
Crime Rate	Rate of homicides and hate crimes occurring in Greater Peterborough Area	Average, rate of homicides per 100,000 people and rate of hate crimes (race, religion, sexual, other) per 100,000 people	Statistics Canada
Health and Access to Care	Level of physical activity	Leisure-time physical activity, moderately active or active (%)	Statistics Canada – Canadian Community Health Survey
Homelessness	Assessment of the capacity to address and support homelessness	Number of shelter beds per person	Homeless Individuals and Families Information System Initiative (HIFIS) – Homelessness Partnering Secretariat

Local Food Production and Access	Number of year-round and seasonal farmers' markets operating in the Greater Peterborough Area and total area allocated to community gardens	Average, number of farmer's markets and total area of all community gardens	Survey
Cultural Events	Number of major cultural events/festivals held in an outdoor or community space, with a cultural focus, costing \$10 or less	Number of events	Survey

ECONOMIC PILLAR

Indicator	Description	Unit of Measure	Source
Employment Participation Rate	Employment participation rate, all sectors, seasonally adjusted, 15 years and over	%	Statistics Canada
Green and Clean-tech Business Opportunities	Current green classified jobs in the Greater Peterborough Area	NAICS codes classifications	Statistics Canada; GPAEDC
Household Spending on Shelter	% household expenditure allocated to shelter	%	Statistics Canada
Unemployment Rate	Unemployment rate, all sectors, seasonally adjusted, 15 years and over	%	Statistics Canada
% Low Income People	% low income before tax, all people	%	Statistics Canada
Household Debt	Average household long-term debt	\$, CAD	Frontier Center for Public Policy