Regional Institute
University at Buffalo The State University of New York

RKN

Regional Knowledge Network

A central resource for information on the binational Buffalo Niagara region

Regional Report For:

Southern Ontario

Southern Ontario is the largest of our Canadian geographies. It encompasses two census divisions (City of Hamilton and Regional Municipality of Niagara) in Southern Ontario. It includes 12 municipal-level jurisdictions all within the Regional Municipality of Niagara (5 cities, 5 towns and 2 townships).

Southern Ontario totals are calculated as aggregates of data from the City of Hamilton and the Regional Municipality of Niagara.

Population & Demographics	Region totals
Population	
Population Estimate, 2009	973,328
Population, 2006	931,980
% Population Change, 2000 - 2009	8%
% Female, 2006	51.4%
Race and Ethnicity	
% Aboriginal Identity Population, 2006	1.6%
% Visible Minority Population, 2006	10.3%
Age, 2006	
% Under 18 and Over 64 Population , 2006	40.3%
Income	
% Households with Income less than $30,000, 2006	24.4%
% Households with Income greater than $100,000, 2006	19.7%
Educational Attainment	
% with HS Diploma or GED or higher, 2006	78.5%
% with Bachelor's Degree or higher, 2006	16.1%
Household Characteristics	
% Households Change, 2001 - 2006	3.8%
% Married Couple Households, 2006	60.1%
% Single Parent Households, 2006	12.4%
% Nonfamily Households, 2006	27.4%
Government	**Region totals**
Government Structure	
Municipal Governments Per 10,000 Capita	0.1

Economy	Region totals
Workforce	
Labor Force Participation Rate, 2006	64.6%
Female Presence in Labor Force, 2006	47.7%
% Commuting by Automobile, 2006	86.4%
Unemployment	
Unemployment Rate, 2006	6.3%
Industrial Structure	
% Manufacturing, 2006	14.9%
% Public Administration, 2006	4.8%
Environment	**Region totals**
Air Quality	
Number of Air Pollutant Emitters, 2007	231
Transportation & Land Use	**Region totals**
Housing Characteristics	
Owner-Occupied Units, % of Total Units, 2006	71.7%
Health & Human Services	**Region totals**
Disease (per 100,000 Population)	
Lung & Bronchus Cancer Incidence, 2005	51.3
Colorectal Cancer Incidence, 2005	48.6
Breast Cancer Incidence, 2005	101.2
Prostate Cancer Incidence, 2005	116.1
Mortality (per 100,000 Population)	
General Mortality, 2006	843.8
Lung & Bronchus Cancer Mortality, 2006	59.6
Colorectal Cancer Mortality, 2006	27.5
Breast Cancer Mortality, 2006	39.5
Prostate Cancer Mortality, 2005	33.2
Health Behaviors	
% of Population Who Smoke, 2005	22.7%
% of Population Overweight or Obese, 2005	52.4%
Child Health	
Infant Mortality Rate (per 1,000 Live Births), 2006	5.3
Mental Health	
Suicides (per 100,000 Population), 2006	7.4
Civic Infrastructure	**Region totals**
Civic Engagement	
% Christian, Roman Catholic, 2001	36.1%
% Christian, non-Roman Catholic, 2001	42%
% Other Religion, 2001	3.6%

% No Religion, 2001 16.2%

Southern Ontario Map

Data Sources and Notes

Population

Population Estimate, 2009

Description: Population estimate for 2009, based on data for deaths, births and migration.
Sources: Population Estimates Program, Table 4, Estimates for the Population for Incorporated Places, US Census
Sources: Statistics Canada, Table 051-0052 Estimates of population by census division, sex and age group, 2006 Census boundaries, annual (table). CANSIM (database). Using E-STAT (distributor)

Population, 2006

Description: Total population in 2006.
Note: Population totals are estimates for the United States.
Sources: Statistics Canada 2006 Community Profiles
Sources: Population Estimates Program, Table 4, Estimates for the Population for Incorporated Places, US Census

% Population Change, 2000 - 2009

Description: Percent change in population 2000-2009.
Calculation = (Population 2009 - Population 2000)/Population 2000
Sources: Summary File 1, Table P1. 2000 Census of Population and Housing. US Census Bureau 2000.
Sources: Population Estimates Program, Table 4, Estimates for the Population for Incorporated Places
Sources: Statistics Canada 2001 CD
Sources: Statistics Canada, Table 051-0052 Estimates of population by census division, sex and age group, 2006 Census boundaries, annual (table). CANSIM (database). Using E-STAT (distributor)

% Female, 2006

Description: Percentage of total population that is female, 2006.
Note: Population totals are estimates for the United States.
Calculation = Female Population 2006/Total Population 2006
Sources: Statistics Canada 2006 Community Profiles
Sources: Population Estimates Program, Table 4, Estimates for the Population for Incorporated Places, US Census

Race and Ethnicity

% Aboriginal Identity Population, 2006

Description: Percentage of population who self-identify with at least one Aboriginal group. Stats Canada defines Aboriginal population as those who self-identify with at least one Aboriginal group ("North American Indian," "Metis" or "Inuit"); and/or those who report being a Treaty Indian or Registered Indian, as defined by the Indian Act of Canada; and/or those who report they were members of an Indian Band or Nation.
Calculation = Aboriginal Population 2006/Total Population 2006
Sources: Statistics Canada 2006 Community Profiles

% Visible Minority Population, 2006

Description: Percentage of population non-Caucasian in race or non-white in color.
Calculation = Visible Minority Population 2006/Total Population 2006
Sources: Statistics Canada 2006 Community Profiles

Age, 2006

% Under 18 and Over 64 Population , 2006

Description: Percentage of population younger than age 18 or aged 65 and older, traditionally considered the ages dependent on the working age population. Age of individual usually obtained based on date of birth information. Reported age used only when date of birth information is not available.
Note: Population figures are estimates for the United States.
Calculation = (Population <18 + Population 65+)/Total Population 2006
Sources: Statistics Canada 2006 Community Profiles
Sources: Population Estimates Program, Table 4, Estimates for the Population for Incorporated Places

Income

% Households with Income less than $30,000, 2006

Description: Percentage of total households with income less than $30,000 Canadian in 2006. Total household income sums total income for all members of a household.
Calculation = Households with Income <$30,000 Canadian in 2006/Total Occupied Private Dwellings
Sources: Statistics Canada 2006 Community Profiles

% Households with Income greater than $100,000, 2006

Description: Percentage of total households with income more than $30,000 Canadian in 2006. Total household income sums total income for all members of a household.
Calculation = Households with Income >$100,000 Canadian in 2006/Total Occupied Private Dwellings
Sources: Statistics Canada 2006 Community Profiles

Educational Attainment

% with HS Diploma or GED or higher, 2006

Description: Percentage of population 25 years and older holding a High School Diploma or

equivalent, 2006.
Calculation = Population 25+ with HS Diploma or equivalent/Total Population 25+
Sources: Statistics Canada 2006 Community Profiles

% with Bachelor's Degree or higher, 2006

Description: Percentage of population 25 years and older holding a Bachelor's degree or higher graduate degree, 2000. Graduate degrees include MA and MS master's degrees, field-specific degrees such as MSW, MEng and MUP, professional degrees in medicine, dentistry, chiropractics, veterinary medicine and law, and the PhD.
Calculation = Population 25+ with Bachelor's degree or higher graduate degree/Total Population 25+
Sources: Statistics Canada 2006 Community Profiles

Household Characteristics

% Households Change, 2001 - 2006

Description: Percentage change in number of households for 2001-2006.
Calculation = (Households 2006 - Households 2001)/Households 2001
Sources: Statistics Canada 2006 Community Profiles

% Married Couple Households, 2006

Description: Percentage of households composed of a married couple in 2006. Married couples include those formally married and in common law marriages.
Calculation = Married Couple Households/Total Households
Sources: Statistics Canada 2006 Community Profiles

% Single Parent Households, 2006

Description: Percentage of family households composed of a male or female lone parent with no spouse or common law partner present living in a dwelling with one or more of their children under age 18 in 2006.
Calculation = Single-Parent Family Households/Total Households
Sources: Statistics Canada 2006 Community Profiles

% Nonfamily Households, 2006

Description: Percentage of households comprised of one person living alone or two or more persons who share a dwelling but do not constitute a family in 2006. Persons in nonfamily households are not related by birth, marriage or adoption.
Calculation = Nonfamily Households/Total Households
Sources: Statistics Canada 2006 Community Profiles

Government Structure

Municipal Governments Per 10,000 Capita

Description: Number of municipal governments in an area divided by total population (in tens of thousands) in the area.
Sources: Summary File 1, Table P1. 2000 Census of Population and Housing. US Census Bureau 2000.
Sources: Statistics Canada CD 2001

Workforce

Labor Force Participation Rate, 2006

Description: Percentage of the population eligible to work that is in the labor force, for 2006.
Calculation = Labor Force Population/Population Eligible to Work.
Sources: Statistics Canada 2006 Community Profiles

Female Presence in Labor Force, 2006

Description: Percentage of labor force that is female, in 2006.
Calculation = Female Labor Force/Total Labor Force
Sources: Statistics Canada 2006 Community Profiles

% Commuting by Automobile, 2006

Description: Percentage of total commuters who commute to work by automobile as a driver or passenger, in 2006. Data include commuters in car, van or truck, and exclude persons working at home.
Calculation = Population who travel to work by automobile/Population who travel to work
Sources: Statistics Canada 2006 Community Profiles

Unemployment

Unemployment Rate, 2006

Description: Percentage of persons in the labor force who are neither working for pay nor self employed. Unemployed persons are those without a job who are available to work and have actively searched for work within the previous four weeks of the reference week reported by Statistics Canada in 2006.
Calculation = (Unemployed Population) / (Labor Force)
Sources: Statistics Canada 2006 Community Profiles
Sources: NYS Department of Labor - Local Area Unemployment Statistics

Industrial Structure

% Manufacturing, 2006

Description: Percentage of total employed in Manufacturing (NAICS 31). This category includes manufacturing of durable goods (for example, computers and peripheral equipment, machinery and motor vehicle parts) and non-durable goods (for example, textiles, food and beverages, plastics and rubber products).
Calculation = (Total Employed in Manufacturing) / (Total Employed Persons in Canada)
Sources: Statistics Canada 2006 Community Profiles

% Public Administration, 2006

Description: Percentage of employed in the Public Administration (NAICS 92).
Calculation = (Total Employed in Public Administration) / (Total Employed Persons in Canada)
Sources: Statistics Canada 2006 Community Profiles

Air Quality

Number of Air Pollutant Emitters, 2007

Description: Total number of facilities that release air pollutants.
Sources: Envirofacts Data Warehouse - U.S. Environmental Protection Agency.
Sources: Environment Canada's National Pollutant Release Inventory (NPRI).

Housing Characteristics

Owner-Occupied Units, % of Total Units, 2006

Description: Percentage of occupied housing units that were occupied by owner in 2006.
Calculation: (Owner-occupied Housing Units / Occupied Housing Units)
Sources: Statistics Canada 2006 Community Profiles

Disease (per 100,000 Population)

Lung & Bronchus Cancer Incidence, 2005

Description: Number of cases of Lung and Bronchus Cancer per 100,000 total population.

U.S. Calculation: (2001-2005 Average Annual # of Lung and Bronchus Cancer Instances) / (Population Estimate 2003 / 100,000)
Canada Calculation: (2000-2002 Total, Age-Adjusted, Lung Cancer Incidences) / ((Population Estimate 2001 * 3) / 100,000)
Sources: New York State Cancer Incidence and Mortality Report, 2001-2005
Sources: Statistics Canada, Canadian Cancer Registry (CCR) Database and Demography Division

Colorectal Cancer Incidence, 2005

Description: Number of cases of Colorectal Cancer per 100,000 total population.
U.S. Calculation: (2001-2005 Average Annual # of Colorectal Cancer Incidences) / (Population Estimate 2003 / 100,000)
Canada Calculation: (2000-2002 Total, Age-Adjusted, Colorectal Cancer Incidences) / ((Population Estimate 2001 * 3) / 100,000)
Sources: New York State Cancer Incidence and Mortality Report, 2001-2005
Sources: Statistics Canada, Canadian Cancer Registry (CCR) Database and Demography Division

Breast Cancer Incidence, 2005

Description: Number of cases of Breast Cancer per 100,000 female population.
U.S. Calculation: (2001-2005 Average Annual # of Breast Cancer Instances) / (Female Population Estimate 2003 / 100,000)
Canada Calculation: (2000-2002 Total, Age-Adjusted, Breast Cancer Incidences) / ((Female Population Estimate 2001 * 3) / 100,000)
Sources: New York State Cancer Incidence and Mortality Report, 2001-2005
Sources: Statistics Canada, Canadian Cancer Registry (CCR) Database and Demography Division

Prostate Cancer Incidence, 2005

Description: Number of cases of Prostate Cancer per 100,000 male population.
U.S. Calculation: (2001-2005 Average Annual # of Prostate Cancer Instances) / (Male Population Estimate 2003 / 100,000)
Canada Calculation: (2000-2002 Total, Age-Adjusted, Prostate Cancer Incidences) / ((Male Population Estimate 2001 * 3) / 100,000)
Sources: New York State Cancer Incidence and Mortality Report, 2001-2005
Sources: Statistics Canada, Canadian Cancer Registry (CCR) Database and Demography Division

Mortality (per 100,000 Population)

General Mortality, 2006

Description: Number of deaths due to all causes per 100,000 total population.
U.S. Calculation: (Total # of Deaths) / (Population Estimate 2006 / 100,000)
Canada Calculation: (1999-2001 Average, Age-Adjusted, Annual Deaths) / ((Population Estimate 2000) / 100,000)
Sources: New York State Department of Health 2006 Vital Statistics Report Table 38
Sources: Canada, Canadian Vital Statistics, Death Database and Demography Division (population estimates)

Lung & Bronchus Cancer Mortality, 2006

Description: Number of deaths due to Lung and Bronchus Cancer per 100,000 total population.
U.S. Calculation: (2002-2006 Average Annual # of Lung and Bronchus Cancer Deaths) / (Population Estimate 2004 / 100,000)
Canada Calculation: (1999-2001 Average Annual, Age-Adjusted, Lung Cancer Deaths) / ((Population Estimate 2000) / 100,000)
Sources: New York State Department of Health, 2002-2006 Vital Statistics Data
Sources: Canada, Canadian Vital Statistics, Death Database and Demography Division (population estimates)

Colorectal Cancer Mortality, 2006

Description: Number of deaths due to Colorectal Cancer per 100,000 total population.
U.S. Calculation: (2002-2006 Average Annual # of Colorectal Cancer Deaths) / (Population

Estimate 2004 / 100,000)
Canada Calculation: (1999-2001 Average Annual, Age-Adjusted, Colon Cancer Deaths) / ((Population Estimate 2000) / 100,000)
Sources: New York State Department of Health, 2002-2006 Vital Statistics Data
Sources: Canada, Canadian Vital Statistics, Death Database and Demography Division (population estimates)

Breast Cancer Mortality, 2006

Description: Number of deaths due to Breast Cancer per 100,000 female population.
U.S. Calculation: (2002-2006 Average Annual # of Breast Cancer Deaths) / (Female Population Estimate 2004 / 100,000)
Canada Calculation: (1999-2001 Average Annual, Age-Adjusted, Breast Cancer Deaths) / ((Female Population Estimate 2000) / 100,000)
Sources: New York State Department of Health, 2002-2006 Vital Statistics Data
Sources: Canada, Canadian Vital Statistics, Death Database and Demography Division (population estimates)

Prostate Cancer Mortality, 2005

Description: Number of deaths due to Prostate Cancer per 100,000 male population.
U.S. Calculation: (2001-2005 Average Annual # of Prostate Cancer Deaths) / (Male Population Estimate 2003 / 100,000)
Canada Calculation: (1999-2001 Average Annual, Age-Adjusted, Prostate Cancer Deaths) / ((Male Population Estimate 2000) / 100,000)
Sources: New York State Cancer Incidence and Mortality Report, 2001-2005
Sources: Canada, Canadian Vital Statistics, Death Database and Demography Division (population estimates)

Health Behaviors

% of Population Who Smoke, 2005

Description: Percentage of the total population who currently smoke (as of survey date).
Sources: WNY Public Health Alliance Health Risk Assessment
Sources: Statistics Canada, Canadian Community Health Survey (CCHS 3.1), January to June 2005

% of Population Overweight or Obese, 2005

Description: Percentage of the total population who are overwieght or obese.
Sources: WNY Public Health Alliance Health Risk Assessment
Sources: Statistics Canada, Canadian Community Health Survey (CCHS 3.1), January to June 2005

Child Health

Infant Mortality Rate (per 1,000 Live Births), 2006

Description: Number of infant deaths, under 1 year of age, per 1,000 live births.
Canada Calculation: (1999-2001 Average Annual Infant Deaths up to 1 year old) / (Total Live Births / 1,000)
Sources: New York State Department of Health 2006 Vital Statistics Report Table 45
Sources: Statistics Canada, Canadian Vital Statistics 2001, Birth and Death Databases

Mental Health

Suicides (per 100,000 Population), 2006

Description: Number of suicide deaths per 100,000 total population.
U.S. Calculation: ((2004-2006 Total Suicides) / (Population 2005 / 100,000) / 3)
Canada Calculation: (1999-2001 Average, Age-Adjusted, Annual Suicide & Intentional Injury Deaths) / (Population Estimate 2000 / 100,000)

Sources: New York State Department of Health, 2004-2006 Vital Statistics Data
Sources: Canada, Canadian Vital Statistics, Death Database and Demography Division (population estimates)

Civic Engagement

% Christian, Roman Catholic, 2001

Description: Percent of total population who identified themselves as Roman Catholic.
Calculation: (Roman Catholic Population, 2001) / (Total Population, 2001)
Sources: Statistics Canada 2001 CD

% Christian, non-Roman Catholic, 2001

Description: Percent of total population who identified themselves as any one of numerous Christian denominations other than Roman Catholic. Denominations included United Church, Anglican, Baptist, Lutheran, Presbyterian, Pentecostal, Greek Orthodox, Mennonite Jehovah's Witness, Ukrainian Catholic, Mormon, Salvation Army, Christian Reformed Church, Christian and Missionary Alliance, Adventist, Non-denominational, Ukrainian Orthodox, Methodist, Brethren in Christ, and Serbian Orthodox.
Calculation: (non-Roman Catholic Christian Population, 2001) / (Total Population, 2001)
Sources: Statistics Canada 2001 CD

% Other Religion, 2001

Description: Percent of total population who identified themselves as any one of numerous non-Christian religions. Religions included Muslim, Jewish, Buddhist, Hindu, Sikh, Aboriginal Spirituality, and Pagan.
Calculation: (Non-Christian Religious Population, 2001) / (Total Population, 2001)
Sources: Statistics Canada 2001 CD

% No Religion, 2001

Description: Percent of total population who identified themselves having no religion.
Calculation: (No Religion Population, 2001) / (Total Population, 2001)
Sources: Statistics Canada 2001 CD

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