

Peel Health Data Zone M5

Health Profile 2016

The burden of illness and preventable loss of life arises in large part because of the conditions in which people are born, grow, live, work and age.¹ Peel Health Data Zones (PHDZ) arose out of a need for data at small areas of geography to aid with planning programs and services that will in turn work towards improving public health outcomes. The PHDZ are defined geographic areas within Peel that are smaller than the municipality level, use Census Tracts as the building blocks, and where plausible, respect natural and man-made boundaries.

Description:

PHDZ M5 is located in the south-west corner of Mississauga and is mostly sprawling suburban neighbourhoods with some industrial/employment areas (see Map 1).

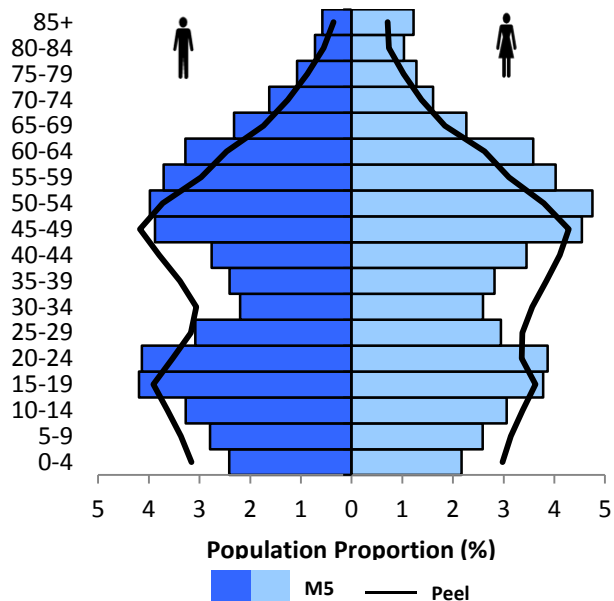
Socio-demographic summary:

A higher proportion of M5's population is aged 55 years and older compared to Peel. The average household income is \$89,620, about \$10,500 more than Peel's average. M5 has a similar prevalence of low income households compared to Peel. The top three languages spoken at home are English, Chinese and Urdu. Forty-seven per cent of M5's population identifies as English, Canadian or Scottish.

Adult Health:

Life expectancy at birth in M5 is similar to that in Peel. The leading causes of death among those 20 years and older in M5 are: ischemic heart disease, dementia and Alzheimer's disease and lung cancer. Age standardized mortality rates in M5 compared to Peel were lower for ischemic heart disease and stroke and higher for injuries or poisonings. Just over half of M5 residents are classified as overweight or obese (53%) which is similar to Peel (51%). Fewer residents in M5 were physically inactive during leisure time (42%) compared to Peel (54%).

Population Distribution by Age Group, M5 and Peel, 2011



Population: 62,480

Source: 2011 Census, Statistics Canada

Child health:

A higher proportion of the population under six years are living in low income in M5 (21%) compared to Peel (17%). Both the *general fertility rate* and *pre-term live birth rate* are similar to the Peel rates.

SOCIO-DEMOGRAPHIC SUMMARY

Indicator	M5	Peel	Compared to Peel
Population			
Total population	62,480	1,296,815	
Population aged 0-4 years	4.6%	6.1%	Lower
Population aged 5-9 years	5.4%	6.5%	Similar
Population aged 10-14 years	6.3%	7.0%	Similar
Population aged 15-19 years	8.0%	7.5%	Similar
Population aged 20-24 years	8.0%	6.9%	Similar
Population aged 25-29 years	6.0%	6.5%	Similar
Population aged 30-34 years	4.8%	6.6%	Lower
Population aged 35-39 years	5.2%	7.2%	Lower
Population aged 40-44 years	6.2%	7.9%	Lower
Population aged 45-49 years	8.4%	8.5%	Similar
Population aged 50-54 years	8.7%	7.5%	Similar
Population aged 55-59 years	7.7%	6.1%	Higher
Population aged 60-64 years	6.9%	5.1%	Higher
Population aged 65-69 years	4.6%	3.6%	Higher
Population aged 70-74 years	3.2%	2.6%	Higher
Population aged 75-79 years	2.4%	1.9%	Higher
Population aged 80-84 years	1.8%	1.3%	Higher
Population aged 85+ years	1.8%	1.1%	Higher
Language/Immigration			
Knowledge of official language – neither English nor French	2.1%	3.9%	Lower
Immigration status – Immigrants	43.2%	50.5%	Similar
Time period of immigration: immigrated between 2006-2011	12.7%	15.5%	Similar
Education			
Highest level of education achieved (ages 25-64 years), 2011			
Less than high school	6.5%	10.4%	Lower
High school certificate or equivalent	21.6%	23.6%	Similar
Apprenticeship or trades certificate or diploma	5.5%	6.5%	Similar
College, CEGEP or other non-university certificate or diploma	21.8%	21.0%	Similar
University certificate, diploma or degree	44.6%	38.5%	Similar
Income			
Private household after-tax median income	\$74,128	\$68,251	Similar
Private household after-tax average income	\$89,620	\$79,146	Similar
Prevalence of low income in private households (LIM-AT)	13.5%	12.6%	Similar
Less than 18 years	18.7%	16.3%	Similar
Less than 6 years	20.8%	17.1%	Higher
18-64 years	13.2%	12.0%	Similar
65 years and over	7.1%	7.8%	Similar
Tenant households spending 30%+ of household income on shelter cost	39.4%	41.5%	Similar
Owner households spending 30+ of household income on shelter cost	22.0%	28.1%	Lower

Sources: Census 2011, Statistics Canada.

National Household Survey 2011, Statistics Canada.

Top 10 Languages Spoken at Home, Data Zone M5 and Peel, 2011

M5		Peel	
Language	Per cent	Language	Per cent
English	79.3	English	70.6
Chinese	3.2	Panjabi (Punjabi)	7.4
Urdu	2.9	Chinese	2.8
Polish	2.7	Urdu	2.7
Arabic	1.3	Polish	1.8
Spanish	1.1	Spanish	1.4
Tagalog (Pilipino, Filipino)	0.9	Tamil	1.2
Panjabi (Punjabi)	0.8	Arabic	1.2
Persian (Farsi)	0.8	Tagalog (Pilipino, Filipino)	1.1
Korean	0.7	Portuguese	1.1

Source: Census 2011, Statistics Canada

Top Three Ethnic Origins, Data Zone M5 and Peel, 2011

M5		Peel	
Ethnic Origin	Per cent	Ethnic Origin	Per cent
English	18.8	East Indian	20.9
Canadian	15.6	Canadian	12.1
Scottish	12.5	English	11.2

Only single origins were included in the top three ranking.

Source: Census 2011, Statistics Canada

CHILD HEALTH

Top 5 Leading Causes of Mortality (ages 1 to 19 years, 2007-2011 combined)	M5 [†]	Peel [†]
Injuries or poisonings	NR	5.2
Cancer of the brain or central nervous system	NR	0.8
Bone cancer	NR	0.7
Metabolic disorders	NR	0.5
Epilepsy	NR	0.3
Asthma	NR	0.3

[†] Age specific rate per 100,000 population.

NR = Not releasable due to small numbers.

Sources: Ontario Mortality Database 2011, Ontario Registrar General. IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.

Population Estimates 2011, Statistics Canada. IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.

Indicator	M5	Peel	Compared to Peel
Number of live births ¹	569	15,827	
General fertility rate ^{1,2} (per 1,000 females age 15-49 years)	38.0	43.8	Similar
Pre-term live births rate (per 100 live births) ¹	8.3	8.2	Similar
Small for gestational age rate ¹ (per 100 singleton births 22-43 weeks gestation)	11.9	12.1	Similar
Infant mortality rate ³ (per 1,000 live births)	NR	5.1	
Vulnerable in one or more Early Development Instrument domains ⁴	30.5%	30.3%	Similar

NR = Not releasable due to small numbers.

Source: ¹Ontario Live Birth Database 2011, Ontario Registrar General. IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.

²Population Estimates 2011, Statistics Canada. IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.

³Ontario Mortality Database 2011, Office of the Registrar General, obtained through IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.

⁴Early Development Instrument 2010, Ontario Ministry of Children and Youth Services. Offord Centre for Child Studies, McMaster University.

ADULT HEALTH

Health Behaviour Indicator	M5	Peel	Compared to Peel
Current smoker (age 18+, 2009-2014 combined)	17.9*%	14.6%	Similar
Exceeded Low Risk Drinking Guidelines (age 19+, 2009-2014 combined)	19.3*%	15.5%	Similar
Overweight or obese adults (age 18+, 2009-2014 combined)	52.8%	51.0%	Similar
Physically inactivity during leisure time (age 12+, 2009-2014 combined)	41.7%	53.8%	Lower
Consume fruits and vegetables less than five times per day (age 18+, 2009-2014 combined)	61.6%	58.3%	Similar
Had a flu shot in the past year (age 18+, 2009-2014 combined)	59.4%	57.1%	Similar
Ever had a mammogram – Breast cancer screening (females age 35+, 2007/2008 and 2011/2012 combined)	72.1*%	60.2%	Similar
Ever had PAP test – Cervical cancer screening (sexually active females 18+, 2007/2008 and 2011/2012 combined)	91.0%	88.1%	Similar
Ever had fecal occult blood test – Colorectal cancer screening (age 50+, 2007/2008 to 2011/2012 combined)	53.1*%	46.4%	Similar

*Use estimate with caution.

Current Smoker is defined as a person who currently smokes daily or occasionally, has smoked at least 100 cigarettes in their lifetime and some in the past 30 days. **Low Risk Drinking** includes female who have nine or less drinks in the past week, males who have 14 or less drinks in the past week and no more than two drinks on each day of the week for both males and females.

Source: Canadian Community Health Survey Share File, 2007/2008, 2009/2010, 2011/2012, 2013/2014, Statistics Canada. Ontario Ministry of Health and Long-Term Care.

Cause of Death and Life Expectancy	M5	Peel	Compared to Peel
Top 5 Leading Causes of Mortality (age 20+ years)[†]			
Ischemic heart disease	33.5	48.1	Lower
Dementia and Alzheimer's disease	31.1	27.5	Similar
Lung cancer	29.9	28.1	Similar
Injuries or poisonings	30.4	24.6	Higher
Stroke	15.9	21.0	Lower
Life Expectancy			
Life expectancy at birth - Males	82.7 years	82.3 years	Similar
Life expectancy at birth - Females	85.7 years	86.1 years	Similar

[†] Age standardized rate (per 100,000 population) to the 1991 Canadian population.

Source: Ontario Mortality Database 2011, Ontario Registrar General. IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.

Population Estimates 2011, Statistics Canada. IntelliHEALTH Ontario, Ministry of Health and Long-Term Care.

Notes:

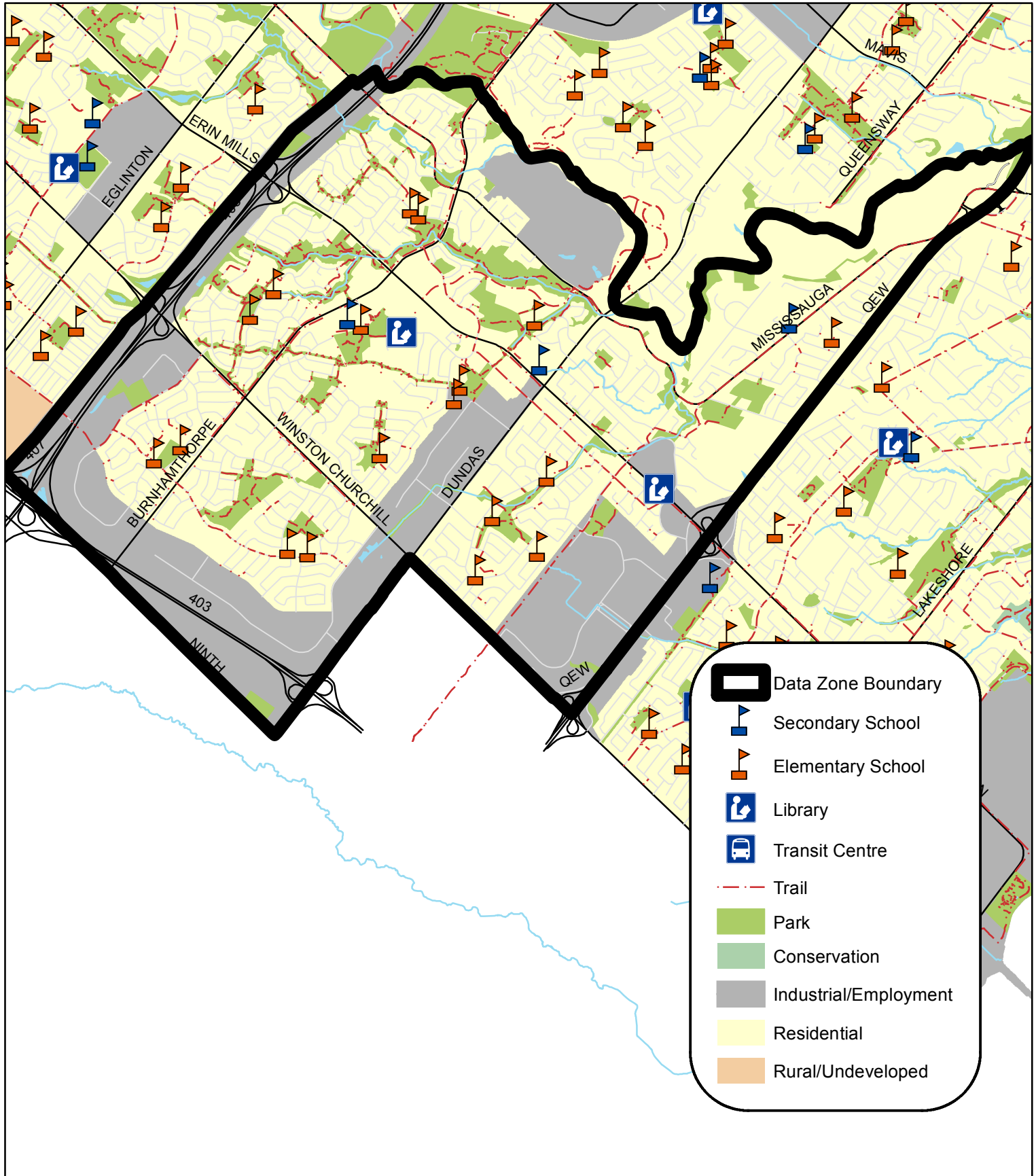
For the Canadian Community Health Survey indicators presented in the tables above the term “lower” or “higher” means the 95% confidence intervals do not overlap between the data zone and Peel and therefore the differences between the estimates are statistically significant.

For the remaining indicators presented in the tables above, the term “lower” or “higher” refer to data zones with a rate that falls 20% above or 20% below the Peel rate.

For more information about these and other health related indicators in Peel please refer to the [Health Status Data](#) website.

¹ Rose G, Day S. The population mean predicts the number of deviant individuals. BMJ. 1990 Nov 3; 301 (6759):1031-4.

Map 1: Data Zone M5



0 0.5 1 2 3 Kilometers

Source: Compiled with data available through the Peel Data Centre Core GIS Data List
Date created: January 2016

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