

# Peel Health Facts

## POPULATION

### Population Projections – 2007, Region of Peel and Municipalities

	Mississauga	Brampton	Caledon	Peel
Male	351,890	230,910	30,640	613,410
Female	353,110	229,090	30,360	612,560
Total*	705,000	460,000	61,000	1,225,970

\*Total numbers have been rounded.

Source: Region of Peel Planning Department, September 2007

## LIFE EXPECTANCY

### Life Expectancy (in years) at Birth by Sex, Region of Peel and Ontario, 2003

	Peel	Ontario
Males	79.9	77.7
Females	83.7	82.3

Source: Ontario Mortality Database 2003, HELPS (Health Planning System), Public Health Branch, Ontario Ministry of Health and Long-Term Care. Life table template distributed by the Central East Health Information Partnership.

## SELECTED REPRODUCTIVE HEALTH INDICATORS

### Live Births, Region of Peel and Ontario, 2003

	Number	Crude Birth Rate*
Peel	14,438	12.8
Ontario	130,603	10.7

\*rate per 1,000 population

Source: Ontario Live Birth Database 2003, HELPS (Health Planning System), Public Health Branch, Ontario Ministry of Health and Long-Term Care.

### Infant Mortality, Region of Peel and Ontario, 2003

	Number	Infant Mortality Rate*
Peel	78	5.4
Ontario	680	5.2

\*rate per 1,000 live births

Source: Ontario Mortality Database 2003, HELPS (Health Planning System), Public Health Branch, Ontario Ministry of Health and Long-Term Care.

## TOP 15 CAUSES OF DEATH IN MALES

### Deaths by Selected Leading Causes, Region of Peel and Ontario, 2003

Rank	Cause of Death	Peel #	Peel %	Ontario %
1	Ischemic heart disease	408	18.9	20.9
2	Lung cancer	171	7.9	8.1
3	Stroke (cerebrovascular disease)	112	5.2	5.8
4	Chronic lower respiratory diseases	84	3.9	4.3
5	Colorectal cancer	83	3.8	3.9
6	Diabetes mellitus	76	3.5	4.0
7	Cancers of lymph, blood & related tissue	75	3.5	3.2
8	Prostate cancer	55	2.5	3.2
9	Dementia & Alzheimer's disease	52	2.4	2.5
10	Influenza and pneumonia	47	2.2	2.0
11	Liver disease	44	2.0	1.7
12	Suicide	43	2.0	1.8
13	Pancreatic cancer	37	1.7	1.4
14	Stomach cancer	35	1.6	1.1
14	Land transport*	35	1.6	1.4
15	Liver cancer	34	1.6	1.0
	Other causes	771	35.7	33.7
	<b>ALL CAUSE TOTAL</b>	<b>2,162</b>	<b>100.0</b>	<b>100.0</b>

## TOP 15 CAUSES OF DEATH IN FEMALES

### Deaths by Selected Leading Causes, Region of Peel and Ontario, 2003

Rank	Cause of Death	Peel #	Peel %	Ontario %
1	Ischemic heart disease	281	13.8	17.6
2	Stroke (cerebrovascular disease)	130	6.4	8.2
3	Lung cancer	123	6.1	6.0
4	Breast cancer	120	5.9	4.6
5	Dementia & Alzheimer's disease	113	5.7	6.1
6	Chronic lower respiratory diseases	87	4.3	4.1
7	Colorectal cancer	75	3.4	3.3
8	Diabetes mellitus	68	3.3	3.9
9	Cancers of lymph, blood & related tissue	53	2.6	2.7
10	Diseases of urinary system	50	2.5	2.2
11	Heart failure	45	2.2	2.1
12	Influenza and pneumonia	44	2.2	2.7
13	Ovarian cancer	35	1.7	1.5
14	Pancreatic cancer	32	1.6	1.6
14	Diseases of musculoskeletal & connective tissue	32	1.6	1.0
15	Certain conditions originating perinatally	30	1.5	0.4
	Other causes	712	35.2	32.0
	<b>ALL CAUSE TOTAL</b>	<b>2,030</b>	<b>100.0</b>	<b>100.0</b>

**Note:** Due to changes in methodology for estimating top external causes of death, comparisons should not be made between data reported in the Peel Health Facts section of this report, and data reported in State of the Region's Health reports prior to 2007.

Leading causes of death were based on ICD-10 coding.

\* Land transport includes motor vehicle accidents, railway accidents and other road accidents.

**Source:** Ontario Mortality Database 2003, HELPS (Health Planning System), Public Health Branch, Ontario Ministry of Health and Long-Term Care.

## TOP 15 CAUSES OF PREMATURE DEATH IN MALES

### Potential Years of Life Lost by Selected Leading Causes, Region of Peel and Ontario, 2003

Rank	Cause of Death	Peel #	Peel %	Ontario %
1	Ischemic heart disease	2,941	12.6	13.4
2	Certain conditions originating perinatally	2,250	9.6	5.0
3	Land transport*	1,426	6.1	6.2
4	Suicide	1,292	5.5	6.8
5	Lung cancer	1,215	5.2	6.8
6	Cancers of lymph, blood & related tissue	978	4.2	3.6
7	Liver disease	712	3.0	2.9
8	Congenital malformations, deformations, & chromosomal	704	3.0	2.5
9	Assault	629	2.7	1.4
10	Colorectal cancer	627	2.7	3.2
11	Diabetes mellitus	578	2.5	2.8
12	Stroke (cerebrovascular disease)	552	2.4	2.2
13	Accidental poisoning	449	1.9	2.0
14	Pancreatic cancer	429	1.8	1.3
15	Stomach cancer	332	1.4	1.1
	Other causes	8,239	35.4	38.8
	<b>ALL CAUSE TOTAL</b>	<b>23,353</b>	<b>100.0</b>	<b>100.0</b>

## TOP 15 CAUSES OF PREMATURE DEATH IN FEMALES

### Potential Years of Life Lost by Selected Leading Causes, Region of Peel and Ontario, 2003

Rank	Cause of Death	Peel #	Peel %	Ontario %
1	Certain conditions originating perinatally	2,250	14.0	6.6
2	Breast cancer	1,517	9.5	8.8
3	Lung cancer	949	5.9	8.2
4	Land transport*	799	5.0	3.6
5	Ischemic heart disease	791	4.9	5.9
6	Congenital malformations, deformations, & chromosomal	743	4.6	4.1
7	Suicide	570	3.6	3.5
8	Cancers of lymph, blood & related tissue	533	3.3	3.6
9	Colorectal cancer	498	3.1	3.5
10	Uterine cancer	439	2.7	2.2
11	Ovarian cancer	380	2.4	2.6
12	Diseases of urinary system	309	1.9	1.0
13	Stroke (cerebrovascular disease)	287	1.8	2.9
14	Brain cancer	267	1.7	1.5
15	Liver disease	254	1.6	1.0
	Other causes	5,465	34.0	41.0
	<b>ALL CAUSE TOTAL</b>	<b>16,051</b>	<b>100.0</b>	<b>100.0</b>

**Note:** Due to changes in methodology for estimating top external causes of death, comparisons should not be made between data reported in the Peel Health Facts section of this report, and data reported in State of the Region's Health reports prior to 2007.

Leading causes of death were based on ICD-10 coding.

\* Land transport includes motor vehicle accidents, railway accidents and other road accidents.

**Source:** Ontario Mortality Database 2003, HELPS (Health Planning System), Public Health Branch, Ontario Ministry of Health and Long-Term Care.

## TOP 15 CAUSES OF HOSPITALIZATION IN MALES

### Hospital Separations by Selected Leading Causes, Region of Peel and Ontario, 2005

Rank	Cause of Hospitalization	Peel #	Peel %	Ontario %
1	Ischemic heart disease	2,555	8.8	9.4
2	Certain conditions originating perinatally	2,494	8.6	5.1
3	Injury and poisoning	2,422	8.3	9.3
4	Chronic obstructive lung disease	1,157	4.0	4.1
5	Arthritis/rheumatism	1,120	3.8	4.3
6	Pneumonia and influenza	678	2.3	2.7
7	Hernia	597	2.0	2.3
8	Heart failure	596	2.0	2.5
9	Stroke (cerebrovascular disease)	593	2.0	2.2
10	Diseases of appendix	543	1.9	1.4
11	Mood disorder	440	1.5	2.3
12	Prostate cancer	389	1.3	1.2
13	Schizophrenia	367	1.3	1.3
14	Hyperplasia of prostate	365	1.3	1.3
15	Diabetes mellitus	361	1.2	1.6
	Other causes	14,456	49.6	49.0
	<b>ALL CAUSE TOTAL†</b>	<b>29,133</b>	<b>100.0</b>	<b>100.0</b>

## TOP 15 CAUSES OF HOSPITALIZATION IN FEMALES

### Hospital Separations by Selected Leading Causes, Region of Peel and Ontario, 2005

Rank	Cause of Hospitalization	Peel #	Peel %	Ontario %
1	Pregnancy, childbirth and the puerperium	15,937	36.1	24.9
2	Injury and poisoning	2,132	4.8	6.9
3	Certain conditions originating perinatally	1,913	4.3	3.0
4	Arthritis/rheumatism	1,561	3.5	4.1
5	Ischemic heart disease	1,125	2.5	3.7
6	Chronic obstructive lung disease	1,064	2.4	3.0
7	Mood disorder	811	1.8	2.6
8	Pneumonia and influenza	646	1.5	1.9
9	Heart failure	629	1.4	1.9
10	Stroke (cerebrovascular disease)	512	1.2	1.6
11	Cholelithiasis and other disorders of the gall bladder	497	1.1	1.2
12	Diseases of appendix	416	0.9	0.9
13	Diabetes mellitus	316	0.7	0.9
14	Congenital malformations, deformations and chromosomal abnormalities	305	0.7	0.5
15	Anemia	271	0.6	0.5
	Other causes	16,065	36.3	42.4
	<b>ALL CAUSE TOTAL†</b>	<b>44,200</b>	<b>100.0</b>	<b>100.0</b>

**Note:** Due to changes in methodology for estimating top causes of hospitalization, comparisons should not be made between data reported in the Peel Health Facts section of this report, and data reported in State of the Region's Health reports prior to 2007.

† All causes exclude Z-codes as the most responsible diagnosis.

Leading causes of hospitalization were based on ICD-10-CA coding.

**Source:** Hospital In-Patient Data 2005, Provincial Health Planning Database (PHPDB), Health Planning Branch, Ontario Ministry of Health and Long-Term Care.

## TOP 10 EXTERNAL CAUSES OF HOSPITALIZATION IN MALES

### External Causes of Hospital Separations by Selected Leading Causes, Region of Peel and Ontario, 2005

Rank	Cause of Hospitalization	Peel #	Peel %	Ontario %
1	Complications of medical and surgical care	2,875	9.9	10.7
2	Falls	869	3.0	3.6
3	Motor vehicle accidents	248	0.9	1.0
4	Environmental and natural factors	247	0.8	0.8
5	Other accidents*	230	0.8	0.9
6	Suicide and self-inflicted injury	154	0.5	0.8
7	Assault	101	0.3	0.5
8	Accidents caused by suffocation and foreign bodies	93	0.3	0.2
9	Accidental poisoning by drugs, medicaments and biologicals/solid, liquid substances, gases and vapours	90	0.3	0.3
10	Other road accidents**	54	0.2	0.2
	All other external causes	112	0.4	0.5
	<b>All External Causes†</b>	<b>5,073</b>	<b>17.4</b>	<b>19.7</b>
	<b>ALL CAUSE TOTAL</b>	<b>29,133</b>	<b>100.0</b>	<b>100.0</b>

## TOP 10 EXTERNAL CAUSES OF HOSPITALIZATION IN FEMALES

### External Causes of Hospital Separations by Selected Leading Causes, Region of Peel and Ontario, 2005

Rank	Cause of Hospitalization	Peel #	Peel %	Ontario %
1	Complications of medical and surgical care	2,811	6.4	8.0
2	Falls	1,106	2.5	3.9
3	Suicide and self-inflicted injury	303	0.7	0.9
4	Environmental and natural factors	182	0.4	0.5
5	Motor vehicle accidents	165	0.4	0.4
6	Accidental poisoning by drugs, medicaments and biologicals/solid, liquid substances, gases and vapours	94	0.2	0.3
7	Other accidents*	68	0.2	0.2
8	Accidents caused by suffocation and foreign bodies	54	0.1	0.1
9	Other road accidents**	21	0.0	0.1
10	Assault	13	0.0	0.1
	All other external causes	69	0.2	0.3
	<b>All External Causes†</b>	<b>4,886</b>	<b>11.1</b>	<b>14.8</b>
	<b>ALL CAUSE TOTAL</b>	<b>44,200</b>	<b>100.0</b>	<b>100.0</b>

**Note:** Due to changes in methodology for estimating top external causes of hospitalization, comparisons should not be made between data reported in the Peel Health Facts section of this report, and data reported in State of the Region's Health reports prior to 2007.

Leading external causes of hospitalization were based on ICD-10-CA coding.

\*Other accidents include: those caused by being struck by, against or between objects or persons; those involving machinery, cutting or piercing objects, firearms, explosive materials, hot, caustic or corrosive materials, electric currents, or radiation; or those resulting from overexertion and strenuous movements or other environmental factors.

\*\*Other road accidents exclude railway accidents and motor vehicle accidents

† All external causes exclude Z-codes as the most responsible diagnosis.

**Source:** Hospital In-Patient Data 2005, Provincial Health Planning Database (PHPDB), Health Planning Branch, Ontario Ministry of Health and Long-Term Care.

## TOP 15 CAUSES OF EMERGENCY DEPARTMENT VISITS IN MALES

### Emergency Department Visits by Selected Leading Causes, Region of Peel and Ontario, 2005

Rank	Cause of Emergency Department Visit	Peel #	Peel %	Ontario %
1	Injury and poisoning	47,802	34.8	31.7
2	Arthritis/rheumatism	4,239	3.1	3.9
3	Diseases of the skin and subcutaneous tissue	4,138	3.0	3.9
4	Chronic obstructive lung disease	3,716	2.7	3.1
5	Diseases of the ear	2,652	1.9	3.2
6	Diseases of the eye and adnexa	2,248	1.6	1.9
7	Pneumonia and influenza	1,632	1.2	1.6
8	Ischemic heart disease	1,592	1.2	1.1
9	Mood disorder	810	0.6	0.7
10	Heart failure	653	0.5	0.6
11	Diabetes mellitus	549	0.4	0.5
12	Stroke (cerebrovascular disease)	513	0.4	0.3
13	Schizophrenia	440	0.3	0.3
14	Anemia	396	0.3	0.2
15	Diseases of appendix	388	0.3	0.2
	Other causes	65,546	47.7	46.8
	<b>ALL CAUSE TOTAL†</b>	<b>137,314</b>	<b>100.0</b>	<b>100.0</b>

## TOP 15 CAUSES OF EMERGENCY DEPARTMENT VISITS IN FEMALES

### Emergency Department Visits by Selected Leading Causes, Region of Peel and Ontario, 2005

Rank	Cause of Emergency Department Visit	Peel #	Peel %	Ontario %
1	Injury and poisoning	31,434	22.9	21.7
2	Pregnancy, childbirth and the puerperium	5,707	4.2	2.5
3	Arthritis/rheumatism	4,305	3.1	3.8
4	Chronic obstructive lung disease	3,570	2.6	3.2
5	Diseases of the skin and subcutaneous tissue	3,559	2.6	3.3
6	Diseases of the ear	2,621	1.9	3.1
7	Diseases of the eye and adnexa	2,351	1.7	1.9
8	Pneumonia and influenza	1,495	1.1	1.4
9	Mood disorder	1,236	0.9	0.9
10	Ischemic heart disease	856	0.6	0.7
11	Heart failure	766	0.5	0.5
12	Cholelithiasis and other disorders of gallbladder	709	0.5	0.5
13	Diabetes mellitus	562	0.4	0.4
14	Anemia	524	0.4	0.3
15	Inflammatory diseases of female pelvic organs	469	0.3	0.3
	Other causes	77,256	56.2	55.5
	<b>ALL CAUSE TOTAL†</b>	<b>137,420</b>	<b>100.0</b>	<b>100.0</b>

Leading causes of emergency department visits were based on ICD-10-CA coding.

† All causes exclude Z-codes as the most responsible diagnosis.

**Source:** National Ambulatory Care Reporting System Data 2005, Provincial Health Planning Database (PHPDB), Knowledge Management and Reporting Branch, Ontario Ministry of Health and Long-Term Care.

## TOP 10 EXTERNAL CAUSES OF EMERGENCY DEPARTMENT VISITS IN MALES

External Causes of Emergency Department Visits  
by Selected Leading Causes,  
Region of Peel and Ontario, 2005

Rank	Cause of Emergency Department Visit	Peel #	Peel %	Ontario %
1	Other accidents*	14,702	10.7	9.9
2	Falls	11,614	8.5	7.7
3	Environmental and natural factors	10,771	7.8	6.9
4	Accidents caused by suffocation and foreign bodies	4,161	3.0	3.0
5	Motor vehicle accidents	3,280	2.4	1.9
6	Complications of medical and surgical care	1,635	1.2	1.6
7	Assault	1,547	1.1	1.2
8	Other road accidents**	1,153	0.8	0.8
9	Accidental poisoning by drugs, medicaments and biologicals/solid, liquid substances, gases and vapours	611	0.4	0.4
10	Suicide and self-inflicted injury	417	0.3	0.3
	All other external causes	720	0.5	0.6
	<b>All External Causes†</b>	<b>50,611</b>	<b>36.9</b>	<b>34.4</b>
	<b>ALL CAUSE TOTAL</b>	<b>137,314</b>	<b>100.0</b>	<b>100.0</b>

## TOP 10 EXTERNAL CAUSES OF EMERGENCY DEPARTMENT VISITS IN FEMALES

External Causes of Emergency Department Visits  
by Selected Leading Causes,  
Region of Peel and Ontario, 2005

Rank	Cause of Emergency Department Visit	Peel #	Peel %	Ontario %
1	Falls	11,129	8.1	7.8
2	Environmental and natural factors	7,674	5.6	5.5
3	Other accidents*	5,793	4.2	4.3
4	Motor vehicle accidents	3,283	2.4	1.6
5	Complications of medical and surgical care	1,981	1.4	1.8
6	Accidents caused by suffocation and foreign bodies	1,550	1.1	1.1
7	Suicide and self-inflicted injury	715	0.5	0.5
8	Accidental poisoning by drugs, medicaments and biologicals/solid, liquid substances, gases and vapours	551	0.4	0.4
9	Other road accidents**	477	0.3	0.3
10	Assault	475	0.3	0.4
	All other external causes	466	0.3	0.4
	<b>All External Causes†</b>	<b>34,094</b>	<b>24.8</b>	<b>24.1</b>
	<b>ALL CAUSE TOTAL</b>	<b>137,420</b>	<b>100.0</b>	<b>100.0</b>

\*Other accidents include: those caused by being struck by, against or between objects or persons; those involving machinery, cutting or piercing objects, firearms, explosive materials, hot, caustic or corrosive materials, electric currents, or radiation; or those resulting from overexertion and strenuous movements or other environmental factors.

\*\*Other road accidents exclude railway accidents and motor vehicle accidents

Leading external causes of emergency department visits were based on ICD-10-CA coding.

† All external causes exclude Z-codes as the most responsible diagnosis.

Source: National Ambulatory Care Reporting System Data 2005, Provincial Health Planning Database (PHPDB), Knowledge Management and Reporting Branch, Ontario Ministry of Health and Long-Term Care.