

N82 - Niagara Profile: Prevention

Indicators	Niagara				City of Toronto			Toronto Central LHIN		
	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**	Males :	Females :	Both sexes	Males :	Females :	Both sexes
Mammograms (2013/14 to 2014/15)	:	:	:	:	:	:	:	:	:	:
Total eligible population ***	:	:	:	:	:	:	:	:	:	:
Age 50-59	:	1,137	:	:	:	210,428	:	:	88,165	:
Age 60-69	:	734	:	:	:	154,193	:	:	65,246	:
All Ages 50-69	:	1,871	:	:	:	364,621	:	:	153,411	:
Age 50-59	:	:	:	:	:	:	:	:	:	:
# who had mammogram	:	612	:	:	:	123,394	:	:	50,207	:
% having a mammogram	:	53.8	:	0.92 L	:	58.6	:	:	56.9	:
	:	(50.9-56.7)	:	:	:	:	:	:	:	:
Age 60-69	:	:	:	:	:	:	:	:	:	:
# who had mammogram	:	406	:	:	:	97,460	:	:	39,898	:
% having a mammogram	:	55.3	:	0.88 L	:	63.2	:	:	61.2	:
	:	(51.7-58.9)	:	:	:	:	:	:	:	:
All Ages 50-69	:	:	:	:	:	:	:	:	:	:
Age-Standardized %	:	:	:	:	:	:	:	:	:	:
# who had mammogram	:	1,018	:	:	:	220,854	:	:	90,105	:
% having a mammogram	:	54.5	:	0.90 L	:	60.8	:	:	59.0	:
	:	(52.2-56.8)	:	:	:	:	:	:	:	:

CI Confidence Interval; LL = Lower Limit; UL = Upper Limit

H / L / NS Chances are at least 19 in 20 that the rate is higher (H) or lower (L) than the City of Toronto rate ($p < 0.05$). Rates marked not significantly (NS) different do not reach this level of significance.

* **Rates based on fewer than 20 events are likely to be unstable.**

Reporting with caution if numerator contains 6-19 events OR denominator contains 6-29.

** Rate ratios were created by dividing the local area rate by the City of Toronto aggregate rate.

Rates are age-standardized using the direct method and the 1991 Canada population as the standard population.

Data source: Ontario Ministry of Health and Long-term Care (MOHLTC) physician and laboratory claims. Includes data from the Ontario Breast Screening Program (OBSP). Does not include data from providers at Community Health Centres (CHCs).

*** Denominator: Women eligible for provincial health insurance (OHIP) between April 1st, 2014-March 31st, 2015 who had contact with the health system within the previous 3 years. Please see "About the Data" section for full list of eligibility criteria.

Numerator: Includes women belonging to denominator group who had mammogram between April 1st, 2013 and March 31st, 2015.

These datasets were linked using unique, encoded identifiers and analyzed at the Institute for Clinical Evaluative Sciences (ICES).

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Pap smears (2012/13 to 2014/15)	:	:	:	:	:	:	:	:	:	:
Total eligible population ***	:	:	:	:	:	:	:	:	:	:
Age 21-34	:	5,638	:	:	:	317,246	:	:	155,017	:
Age 35-49	:	3,357	:	:	:	326,207	:	:	149,565	:
Age 50-69	:	1,848	:	:	:	358,762	:	:	150,934	:
All Ages 21-69	:	10,843	:	:	:	1,002,215	:	:	455,516	:
Age 21-34	:	:	:	:	:	:	:	:	:	:
# who had Pap smear	:	3,298	:	:	:	157,348	:	:	80,758	:
% having a Pap smear	:	58.5	:	1.18 H	:	49.6	:	:	52.1	:
	:	(57.2-59.8)	:	:	:	:	:	:	:	:
Age 35-49	:	:	:	:	:	:	:	:	:	:
# who had Pap smear	:	2,017	:	:	:	187,634	:	:	86,086	:
% having a Pap smear	:	60.1	:	1.05 H	:	57.5	:	:	57.6	:
	:	(58.4-61.7)	:	:	:	:	:	:	:	:
Age 50-69	:	:	:	:	:	:	:	:	:	:
# who had Pap smear	:	868	:	:	:	185,399	:	:	77,655	:
% having a Pap smear	:	47.0	:	0.91 L	:	51.7	:	:	51.4	:
	:	(44.7-49.2)	:	:	:	:	:	:	:	:
All Ages 21-69	:	:	:	:	:	:	:	:	:	:
Age-Standardized %	:	:	:	:	:	:	:	:	:	:
# who had Pap smear	:	6,183	:	:	:	530,381	:	:	244,499	:
% having a Pap smear	:	55.8	:	1.05 H	:	52.9	:	:	53.8	:
	:	(54.8-56.8)	:	:	:	:	:	:	:	:

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Data source: Ontario Ministry of Health and Long-term Care (MOHLTC) physician and laboratory claims. Does not include laboratory data from hospitals.

*** Denominator: Women eligible for provincial health insurance (OHIP) between April 1st, 2014-March 31st, 2015 who had contact with the health system within the previous 3 years. Please see "About the Data" section for full list of eligibility criteria.

Numerator: Includes women belonging to denominator group who had Pap smear between April 1st, 2012 and March 31st, 2015.

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	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate : Ratio**	Males :	Females :	Both sexes	Males :	Females :	Both sexes
Any Colorectal Cancer Screening (ACCS) 2015	:	:	:	:	:	:	:	:	:	:
Total eligible population ***	:	:	:	:	:	:	:	:	:	:
Age 50-59	:	:	1,535	:	:	:	294,722	:	:	124,642
Age 60-74	:	:	1,599	:	:	:	362,073	:	:	152,947
All Ages 50-74	:	:	3,134	:	:	:	656,795	:	:	277,589
Age 50-59	:	:	:	:	:	:	:	:	:	:
# who had ACCS	:	:	796	:	:	:	165,488	:	:	69,652
% screened	:	:	51.9	: 0.92 L	:	:	56.2	:	:	55.9
	:	:	(49.4-54.4)	:	:	:	:	:	:	:
Age 60-74	:	:	:	:	:	:	:	:	:	:
# who had ACCS	:	:	969	:	:	:	236,955	:	:	99,038
% screened	:	:	60.6	: 0.93 L	:	:	65.4	:	:	64.8
	:	:	(58.2-63.0)	:	:	:	:	:	:	:
All Ages 50-74	:	:	:	:	:	:	:	:	:	:
Age-Standardized %	:	:	:	:	:	:	:	:	:	:
# who had ACCS	:	:	1,765	:	:	:	402,443	:	:	168,690
% screened	:	:	56.7	: 0.92 L	:	:	61.3	:	:	60.8
	:	:	(55.0-58.5)	:	:	:	:	:	:	:

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** Rate ratios were created by dividing the local area rate by the City of Toronto aggregate rate.

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Data source: Ontario Ministry of Health and Long-term Care (MOHLTC) physician and laboratory claims. Does not include data from providers at Community Health Centres (CHCs.).

*** Denominator: Population eligible for provincial health insurance (OHIP) between April 1st, 2014-March 31st, 2015 who had contact with the health system within the previous 3 years. Please see "About the Data" section for full list of eligibility criteria.

Numerator: Includes individuals belonging to denominator group who had any colorectal investigation between April 1st, 2013 and March 31st, 2015 for fecal occult blood testing; between April 1st, 2010 and March 31st, 2015 for sigmoidoscopy and barium enema; between April 1st, 2005 and March 31st, 2015 for colonoscopy. Please see "About the Data" section for full list of eligibility criteria.

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Colonoscopy (2005/06 to 2014/15)	:	:	:	:	:	:	:	:	:	:
Total eligible population ***	:	:	:	:	:	:	:	:	:	:
Age 50-59	:	:	1,535	:	:	:	294,722	:	:	124,642
Age 60-74	:	:	1,599	:	:	:	362,073	:	:	152,947
All Ages 50-74	:	:	3,134	:	:	:	656,795	:	:	277,589
Age 50-59	:	:	:	:	:	:	:	:	:	:
# who had colonoscopy	:	:	512	:	:	:	99,416	:	:	45,269
% screened	:	:	33.4	0.99 NS	:	:	33.7	:	:	36.3
	:	:	(31.0-35.7)	:	:	:	:	:	:	:
Age 60-74	:	:	:	:	:	:	:	:	:	:
# who had colonoscopy	:	:	663	:	:	:	159,525	:	:	70,874
% screened	:	:	41.5	0.94 L	:	:	44.1	:	:	46.3
	:	:	(39.0-43.9)	:	:	:	:	:	:	:
All Ages 50-74	:	:	:	:	:	:	:	:	:	:
Age-Standardized %	:	:	:	:	:	:	:	:	:	:
# who had colonoscopy	:	:	1,175	:	:	:	258,941	:	:	116,143
% screened	:	:	37.9	0.96 NS	:	:	39.5	:	:	41.9
	:	:	(36.2-39.6)	:	:	:	:	:	:	:

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*** Denominator: Population eligible for provincial health insurance (OHIP) between April 1st, 2014-March 31st, 2015 who had contact with the health system within the previous 3 years. Please see "About the Data" section for full list of eligibility criteria.

Numerator: Includes individuals belonging to denominator group who had colonoscopy between April 1st, 2005 and March 31st, 2015.

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Fecal Occult Blood Testing (FOBT) (2013/14 to 2014/15)	:	:	:	:	:	:	:	:	:	:
Total eligible population ***	:	:	:	:	:	:	:	:	:	:
Age 50-59	:	:	994	:	:	:	191,783	:	:	77,652
Age 60-74	:	:	916	:	:	:	198,472	:	:	80,204
All Ages 50-74	:	:	1,910	:	:	:	390,255	:	:	157,856
Age 50-59	:	:	:	:	:	:	:	:	:	:
# who had FOBT	:	:	256	:	:	:	62,667	:	:	22,738
% screened	:	:	25.8	0.79 L	:	:	32.7	:	:	29.3
	:	:	(23.0-28.5)	:	:	:	:	:	:	:
Age 60-74	:	:	:	:	:	:	:	:	:	:
# who had FOBT	:	:	286	:	:	:	73,457	:	:	26,356
% screened	:	:	31.2	0.84 L	:	:	37.0	:	:	32.9
	:	:	(28.2-34.2)	:	:	:	:	:	:	:
All Ages 50-74	:	:	:	:	:	:	:	:	:	:
Age-Standardized %	:	:	:	:	:	:	:	:	:	:
# who had FOBT	:	:	542	:	:	:	136,124	:	:	49,094
% screened	:	:	28.8	0.82 L	:	:	35.1	:	:	31.3
	:	:	(26.7-30.9)	:	:	:	:	:	:	:

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Numerator: Includes individuals belonging to denominator group who had Fecal Occult Blood Testing (FOBT) between April 1st, 2013 and March 31st, 2015. Please see "About the Data" section for full list of eligibility criteria.

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