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## Risk factors

**Table 1. Risk factor indicators by household income quintile, geography and immigrant status**

Indicator	Household Income Quintile (Q)					Geography				Immigrant status		
	Q1 (Lowest)	Q2	Q3	Q4	Q5 (Highest)	Rural-Very Remote	Rural-Remote	Rural	Urban	Immigrant: <10 years in Canada	Immigrant: 10 years or more in Canada	Canadian-born
<b>1. Percentage of population (age≥12) reporting daily or occasional smoking, Canada - 2011</b>	24.9 (23.5-26.3)	21.1 (19.6-22.5)	19.9 (18.7-21.1)	18.1 (16.9-19.3)	15.2 (14.2-16.3)	24.0 (22.6-25.4)	21.4 (19.8-23.0)	22.9 (20.5-25.2)	19.3 (18.6-19.9)	12.5 (9.7-15.2)	13.3 (11.8-14.7)	22.0 (21.3-22.6)
<b>2. Percentage of recent smokers (age≥20) who have quit smoking in the last two years, Canada - 2011</b>	14.6 (12.3-16.9)	17.4 (15.2-19.7)	18.6 (16.2-20.9)	19.4 (16.7-22.2)	21.3 (18.6-23.9)	20.4 (17.5-23.3)	18.7 (15.5-21.9)	16.4 (12.2-20.6)	17.8 (16.6-19.0)	20.7 <sup>E</sup> (13.6-27.8)	15.7 (12.2-19.2)	18.3 (17.1-19.4)
<b>3. Percentage of population (age≥18) reporting exceeding low-risk drinking guidelines in previous 12 months, Canada - 2005</b>	5.7 (5.3-6.2)	7.6 (7.1-8.2)	9.4 (8.8-10.0)	10.7 (10.0-11.3)	14.2 (13.4-14.9)	8.9 (8.2-9.5)	9.1 (8.3-9.9)	10.6 (9.5-11.8)	9.2 (8.9-9.5)	2.3 <sup>E</sup> (1.5-3.0)	5.0 (4.5-5.5)	10.7 (10.4-11.0)

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<b>4. Percentage of population (age≥18) reporting exceeding low-risk drinking guidelines in previous 12 months, Canada (MB, NL, ON, QC, SK) - 2011</b>	6.5 (5.4-7.6)	8.4 (7.0-9.7)	9.3 (8.1-10.5)	11.0 (9.9-12.1)	12.7 (11.3-14.1)	9.1 (7.6-10.6)	9.3 (7.5-11.1)	10.8 (8.6-13.1)	9.6 (8.9-10.2)	*	4.2 (3.3-5.0)	11.6 (10.9-12.2)
<b>5. Percentage of population (age≥18) classified as overweight or obese, Canada - 2011</b>	48.7 (46.9-50.5)	51.3 (49.5-53.1)	52.8 (50.9-54.5)	53.4 (51.7-55.1)	54.2 (52.5-55.8)	60.7 (58.9-62.4)	58.4 (56.2-60.5)	57.7 (54.9-60.5)	50.7 (49.8-51.6)	35.6 (31.5-39.6)	51.8 (49.6-54.0)	53.8 (52.9-54.6)
<b>6. Percentage of population (age≥18, male) classified as overweight or obese, Canada - 2011</b>	51.1 (48.2-54.0)	57.0 (54.5-59.6)	60.0 (57.7-62.3)	63.0 (60.8-65.3)	65.9 (63.9-68.0)	67.7 (65.3-70.1)	65.9 (62.9-68.9)	68.6 (65.1-72.1)	58.6 (57.4-59.7)	44.3 (38.0-50.5)	58.8 (55.8-61.8)	61.8 (60.8-62.9)
<b>7. Percentage of population (age≥18, female) classified as overweight or obese, Canada - 2011</b>	46.9 (44.7-49.2)	46.2 (43.9-48.5)	45.9 (43.4-48.4)	41.8 (39.5-44.1)	38.8 (36.3-41.3)	53.1 (50.8-55.4)	50.9 (47.6-54.2)	45.7 (41.5-49.9)	42.9 (41.7-44.2)	26.6 (22.1-31.2)	44.7 (41.9-47.5)	45.7 (44.5-46.9)

The territories are excluded from income analysis in the Canadian Community Health Survey

\* Suppressed due to statistical unreliability caused by small numbers.

<sup>E</sup> Interpret with caution due to a large amount of variability in the estimate.

Data source: Canadian Community Health Survey (CCHS)

## Self-reported Screening

**Table 2. Self-reported screening indicators by household income quintile, geography and immigrant status**

Indicator	Household Income Quintile (Q)					Geography				Immigrant Status		
	Q1 (Lowest)	Q2	Q3	Q4	Q5 (Highest)	Rural-Very Remote	Rural-Remote	Rural	Urban	Immigrant: <10 years in Canada	Immigrant: 10 years or more in Canada	Canadian-born
<b>1. Percentage of eligible<sup>†</sup> women (aged 50 to 69) reporting a screening mammogram in the past two years, Canada - 2008</b>	61.1 (56.8-65.4)	72.1 (68.5-75.6)	77.7 (74.4-81.1)	77.4 (74.3-80.6)	77.0 (73.8-80.3)	71.1 (68.1-74.1)	71.2 (67.7-74.8)	67.8 (62.4-73.2)	72.8 (71.1-74.6)	40.6 <sup>E</sup> (23.3-57.9)	70.0 (66.0-74.0)	74.2 (72.7-75.6)
<b>2. Percentage of women (aged 21 to 69) who had at least one Pap test in the past three years, Canada - 2008</b>	72.0 (69.1-74.9)	77.9 (75.5-80.3)	81.2 (78.8-83.7)	85.0 (83.2-86.9)	88.0 (86.3-89.7)	80.2 (78.0-82.4)	78.5 (75.8-81.1)	77.9 (74.4-81.4)	80.2 (79.1-81.4)	63.7 (58.3-69.1)	75.2 (72.1-78.2)	83.1 (82.2-84.0)
<b>3. Percentage of population (aged 50 to 74) reporting FOBT in the past two years and/or sigmoidoscopy/colonoscopy in the past five years for asymptomatic reasons, Canada - 2008</b>	25.2 (22.7-27.7)	28.7 (26.1-31.4)	34.2 (31.5-36.9)	35.3 (32.6-37.9)	37.7 (35.0-40.4)	29.2 (27.0-31.3)	27.7 (25.3-30.0)	30.6 (26.5-34.8)	33.0 (31.7-34.3)	19.2 <sup>E</sup> (9.2-29.1)	35.0 (32.1-37.9)	31.7 (30.6-32.9)

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<b>4. Percentage of population (aged 50 to 74) reporting FOBT in the past two years for asymptomatic reasons, Canada - 2008</b>	17.9 (15.6-20.2)	20.0 (17.7-22.3)	23.7 (21.3-26.1)	23.2 (20.8-25.6)	21.9 (19.7-24.2)	20.1 (18.1-22.0)	17.5 (15.6-19.4)	18.9 (15.7-22.1)	21.6 (20.5-22.8)	*	24.5 (21.8-27.2)	20.2 (19.3-21.2)
<b>5. Percentage of population (aged 50 to 74) reporting sigmoidoscopy/colonoscopy in the past five years for asymptomatic reasons, Canada - 2008</b>	14.8 (12.7-17.0)	19.9 (17.3-22.5)	23.0 (19.9-26.1)	23.6 (20.4-26.7)	29.9 (26.7-33.2)	18.3 (16.2-20.4)	19.6 (16.8-22.4)	24.2 (19.6-28.7)	22.8 (21.4-24.2)	*	22.8 (19.8-25.7)	22.7 (21.4-24.0)

<sup>†</sup>Eligible women are those who have not had a previous lump, are not being followed up after breast cancer treatment and are not having a mammogram because of a breast problem or other specified reasons.

The territories are excluded from income analysis in the Canadian Community Health Survey

\* Suppressed due to statistical unreliability caused by small numbers.

<sup>E</sup> Interpret with caution due to a large amount of variability in the estimate.

Data source: Canadian Community Health Survey (CCHS)



## Diagnosis and outcomes

**Table 3a. Median and 90<sup>th</sup> percentile wait time from abnormal breast screen to resolution for women aged 50-69 requiring and not requiring a tissue biopsy, by neighbourhood income quintile (urban population) and by province/territory and Canada, 2007-08**

		Province/Territory											
Time from abnormal screen to final diagnosis		Neighbourhood income quintile (Q)	NT	BC	AB	SK	MB	ON	NB	NS	PE	NL	Canada
Completed without a tissue biopsy	Median (time in weeks)	Q1 (lowest)	7.6 <sup>§</sup>	3.0	5.3	2.9	2.6	2.3	3.3	3.9	5.1	2.9	2.7
		Q2	4.4 <sup>§</sup>	2.9	5.1	2.9	2.3	2.3	3.1	3.7	5.1	3.0	2.6
		Q3	5.1 <sup>§</sup>	2.9	4.9	3.0	2.5	2.3	3.1	3.6	5.0	3.1	2.6
		Q4	4.0 <sup>§</sup>	2.7	6.0	2.9	2.4	2.1	3.1	3.7	5.9	3.0	2.4
		Q5 (highest)	6.0 <sup>§</sup>	2.7	5.4	2.7	2.4	2.1	3.0	3.1	5.0	3.4	2.4
		Total cases	5.1	2.9	5.3	2.9	2.4	2.3	3.1	3.6	5.1	3.0	2.6
	90th percentile (time in weeks)	Q1 (lowest)	23.4 <sup>§</sup>	9.0	12.9	6.0	7.0	6.3	6.7	6.9	9.4	12.0	7.1
		Q2	12.3 <sup>§</sup>	8.9	14.9	5.9	6.5	6.1	6.3	6.1	9.0	13.6	7.1
		Q3	7.7 <sup>§</sup>	8.7	12.3	5.9	6.1	6.1	6.6	6.5	9.7	15.0	6.9
		Q4	6.0 <sup>§</sup>	8.0	12.3	5.6	7.1	6.0	6.6	6.9	9.0	12.3	6.7
		Q5 (highest)	14.0 <sup>§</sup>	7.9	13.7	5.7	6.0	5.9	6.1	6.0	9.9	11.9	6.6
		Total cases	13.3	8.4	12.7	5.9	6.6	6.0	6.4	6.6	9.4	12.9	6.9
	Percentage (%) within 5 weeks (Target = 90%)	Q1 (lowest)	33.3 <sup>§</sup>	73.1	47.8	84.9	78.7	84.7	77.9	78.2	49.2	67.0	80.1
		Q2	60.0 <sup>§</sup>	74.1	50.0	85.6	84.3	85.4	81.6	83.6	50.0	68.7	81.7
		Q3	46.2 <sup>§</sup>	75.8	55.9	85.2	83.4	85.2	76.9	81.0	51.8	71.3	81.7
		Q4	76.9 <sup>§</sup>	78.3	32.5	87.7	81.7	85.8	78.1	79.3	36.5	73.2	82.6

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		<b>Q5 (highest)</b>	20.0 <sup>§</sup>	78.9	43.4	85.3	86.7	86.1	82.1	82.6	51.4	69.0	83.2	
		<b>Total cases</b>	46.7	76.4	46.2	85.9	83.4	85.5	79.3	81.0	48.1	69.9	82.1	
<b>Completed with a tissue biopsy</b>	<b>Median (time in weeks)</b>	<b>Q1 (lowest)</b>	*	7.9	8.5 <sup>§</sup>	7.6	6.0	6.1	8.1	6.0	6.9*	6.7	6.7	
		<b>Q2</b>	*	7.8	6.2 <sup>§</sup>	7.7	6.1	6.3	7.9	6.0	9.1 <sup>§</sup>	6.9	6.9	
		<b>Q3</b>	*	7.1	6.4 <sup>§</sup>	6.4	6.1	6.1	7.4	6.2	10.3 <sup>§</sup>	7.2	6.7	
		<b>Q4</b>	*	7.0	6.6 <sup>§</sup>	6.6	6.6	6.0	6.6	5.4	9.0 <sup>§</sup>	7.9	6.3	
		<b>Q5 (highest)</b>	*	7.1	8.0 <sup>§</sup>	6.4	6.1	5.9	6.9	5.9	8.7	6.1	6.3	
		<b>Total cases</b>	9.1 <sup>§</sup>	7.3	7.3	6.9	6.2	6.1	7.3	5.9	9.0	7.0	6.6	
		<b>90th percentile (time in weeks)</b>												
	<b>Q1 (lowest)</b>	*	18.0	12.9 <sup>§</sup>	14.3	15.1	14.4	16.7	13.4	11.6 <sup>§</sup>	23.0	16.1		
		<b>Q2</b>	*	17.0	14.4 <sup>§</sup>	17.0	16.1	15.3	15.0	11.6	11.9 <sup>§</sup>	19.3	15.9	
		<b>Q3</b>	*	16.0	13.7 <sup>§</sup>	10.9	14.7	14.9	13.4	14.4	13.2 <sup>§</sup>	17.1	15.0	
		<b>Q4</b>	*	15.6	17.4 <sup>§</sup>	11.9	15.7	14.9	14.0	12.0	10.4 <sup>§</sup>	16.3	14.9	
		<b>Q5 (highest)</b>	*	15.9	14.6 <sup>§</sup>	13.7	15.6	14.6	13.3	11.3	14.3	18.7	15.0	
		<b>Total cases</b>	19.9 <sup>§</sup>	16.6	13.4	13.7	15.7	14.9	14.7	12.1	11.9	19.3	15.3	
	<b>Percentage (%) within 7 weeks (Target = 90%)</b>													
		<b>Q1 (lowest)</b>	*	43.6	33.3 <sup>§</sup>	42.9	55.3	58.4	40.8	63.8	60.0 <sup>§</sup>	54.1	53.4	
		<b>Q2</b>	*	44.3	61.5 <sup>§</sup>	42.0	57.4	55.2	44.4	62.4	20.0 <sup>§</sup>	55.6	52.2	
		<b>Q3</b>	*	48.0	54.2 <sup>§</sup>	59.2	58.1	57.1	46.7	56.1	25.0 <sup>§</sup>	50.0	54.2	
		<b>Q4</b>	*	52.0	52.2 <sup>§</sup>	57.9	54.1	58.6	55.7	68.7	31.6 <sup>§</sup>	42.0	56.8	
<b>Q5 (highest)</b>		*	49.6	48.2 <sup>§</sup>	55.7	54.4	60.0	52.8	67.2	35.1	55.8	56.7		
<b>Total cases</b>	18.2 <sup>§</sup>	47.9	50.0	52.6	55.8	58.0	48.2	63.6	33.3	51.4	54.9			

Includes only women living in urban centres as defined by Statistics Canada.

Alberta wait time data are from the Screen Test Program only.

Excludes Quebec because test date and date of diagnosis are not collected.

Excludes Yukon and Nunavut. Yukon does not submit records to the CBCSD and Nunavut has not developed an organized breast screening program but provides opportunistic screening

\*suppressed due to small numbers

§<30 cases, interpret with caution

See Technical Appendix for more details

Data Source: Canadian Breast Cancer Screening Database

**Table 3b. Median and 90<sup>th</sup> percentile wait time from abnormal breast screen to resolution for women aged 50-69 requiring and not requiring a tissue biopsy, by geography and by province/territory and Canada, 2007-08**

		Province/Territory											
Diagnostic Interval: Time from abnormal screen to diagnosis		Geography	NT	BC	AB	SK	MB	ON	NB	NS	PE	NL	Canada
Completed without a tissue biopsy	Median (time in weeks)	Urban	5.3	2.9	5.3	2.9	2.4	2.3	3.1	3.6	5.1	3.0	2.6
		Rural	*	2.9	4.9 <sup>§</sup>	3.4	2.9	2.7	3.0	3.9	4.6	2.9	2.9
		Rural-Remote	*	2.9	5.9	3.6	3.0	2.9	3.4	4.1	4.7	3.3	3.1
		Rural-Very Remote	5.0 <sup>§</sup>	3.6	5.9	3.9	3.6	2.9	2.1	4.6	3.9	3.9	3.7
		Total cases	5.1	2.9	5.7	3.1	2.7	2.3	3.1	3.9	4.9	3.3	2.7
	90th percentile (time in weeks)	Urban	12.9	8.4	12.7	5.9	6.6	6.0	6.4	6.6	9.4	12.9	6.9
		Rural	*	9.1	10.1 <sup>§</sup>	5.1	7.9	6.4	6.3	5.6	9.1	13.0	7.0
		Rural-Remote	*	8.7	12.3	7.4	7.9	8.1	7.0	7.1	8.4	12.1	8.1
		Rural-Very Remote	7.9 <sup>§</sup>	9.1	11.4	7.6	7.0	8.1	6.1	8.6	9.1	15.9	8.7
		Total cases	12.6	8.4	12.1	6.4	7.0	6.3	6.6	7.1	9.0	13.0	7.0
	Percentage (%) within 5 weeks (Target = 90%)	Urban	45.3	76.4	46.5	85.9	83.5	85.5	79.3	81.0	48.1	70.0	82.1
		Rural	*	71.7	57.9 <sup>§</sup>	88.7	77.1	82.1	81.7	83.1	59.7	70.2	79.7
		Rural-Remote	*	74.0	33.6	76.3	73.9	75.9	74.7	71.2	55.4	77.3	73.5
		Rural-Very Remote	55.6 <sup>§</sup>	70.3	37.4	72.9	76.7	74.7	85.7	59.7	63.8	69.1	70.4
		Total cases	46.6	76.0	41.7	81.4	81.2	84.4	79.3	74.6	53.1	70.7	80.6
Completed with a tissue	Median (time in weeks)	Urban	9.1 <sup>§</sup>	7.3	7.3	6.9	6.2	6.1	7.3	5.9	9.0	7.0	6.6
		Rural	*	6.1	*	10.7 <sup>§</sup>	7.1 <sup>§</sup>	6.6	7.7	7.3	8.0	4.7 <sup>§</sup>	6.9

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<b>biopsy</b>		Rural-Remote	*	7.7	7.9	8.1	6.9	7.1	8.3	7.4	7.9	12.6	7.6
		Rural-Very Remote	*	8.6	6.8	8.4	6.2	8.0	7.0	11.1	7.4 <sup>§</sup>	12.0	8.7
		<i>Total cases</i>	9.1 <sup>§</sup>	7.3	7.1	7.4	6.3	6.3	7.5	6.9	8.1	7.7	6.9
	<b>90th percentile (time in weeks)</b>	Urban	19.9 <sup>§</sup>	16.6	13.4	13.7	15.7	14.9	14.7	12.1	11.9	19.3	15.3
		Rural	*	12.6	*	14.1 <sup>§</sup>	16.4 <sup>§</sup>	14.1	19.0	14.0	12.3	18.6 <sup>§</sup>	14.1
		Rural-Remote	*	16.3	21.0	17.9	17.4	16.1	16.7	14.6	11.1	21.3	16.9
		Rural-Very Remote	*	17.7	14.0	13.9	15.4	16.3	15.3	18.1	11.0 <sup>§</sup>	22.0	16.6
		<i>Total cases</i>	19.9*	16.6	14.0	14.1	15.9	15.0	15.2	15.0	11.9	20.9	15.6
	<b>Percentage (%) within 7 weeks (Target = 90%)</b>	Urban	18.2*	47.8	50.0	52.3	55.8	57.9	48.2	63.7	33.3	51.4	54.9
		Rural	*	59.7	*	38.5 <sup>§</sup>	48.3 <sup>§</sup>	54.1	45.2	48.9	39.4	77.8 <sup>§</sup>	53.1
		Rural-Remote	*	42.7	44.6	40.0	52.8	48.1	38.8	45.7	34.3	33.3	45.2
		Rural-Very Remote	*	35.1	53.4	38.9	55.3	45.0	52.1	20.1	33.3 <sup>§</sup>	31.6	38.2
		<i>Total cases</i>	15.4 <sup>§</sup>	47.2	50.0	47.4	55.2	56.7	46.6	52.0	34.6	46.6	52.7

Alberta wait time data are from the Screen Test Program only.

Excludes Quebec because test date and date of diagnosis are not collected.

Excludes Yukon and Nunavut. Yukon does not submit records to the CBCSD and Nunavut has not developed an organized breast screening program but provides opportunistic screening

\* suppressed due to small numbers

<sup>§</sup><30 cases, interpret with caution

Data Source: Canadian Breast Cancer Screening Database

**Table 4a. Stage distribution for breast, colorectal, lung and prostate cancer by neighbourhood income quintile (urban population) and by province, 2010 and 2011 diagnosis years combined**

Cancer	Province	Stage	Q1-lowest				Q2				Q3				Q4				Q5-highest			
			Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
BREAST	Provinces Combined	Early	1,618	42.0	40.5	43.6	1,839	43.2	41.7	44.7	1,889	44.8	43.3	46.3	2,035	45.4	43.9	46.9	2,236	47.7	46.2	49.1
		Intermediate	1,451	37.7	36.2	39.3	1,599	37.6	36.1	39.1	1,528	36.2	34.8	37.7	1,627	36.3	34.9	37.7	1,657	35.3	34.0	36.7
		Advanced	779	20.2	19.0	21.5	815	19.2	18.0	20.4	799	19.0	17.8	20.2	821	18.3	17.2	19.5	797	17.0	15.9	18.1
	AB	Early	306	47.1	43.3	51.1	340	48.8	45.0	52.6	333	47.2	43.5	51.0	351	49.3	45.6	53.0	386	52.1	48.4	55.7
		Intermediate	216	33.3	29.7	37.1	232	33.3	29.8	36.9	245	34.8	31.2	38.4	221	31.0	27.7	34.6	249	33.6	30.2	37.1
		Advanced	127	19.6	16.6	22.8	125	17.9	15.2	21.0	127	18.0	15.2	21.1	140	19.7	16.8	22.8	106	14.3	11.9	17.0
	BC	Early	462	45.2	42.1	48.3	463	44.7	41.7	47.8	533	49.3	46.2	52.3	543	49.7	46.7	52.7	608	50.0	47.2	52.8
		Intermediate	371	36.3	33.3	39.3	376	36.3	33.4	39.3	346	32.0	29.2	34.8	387	35.4	32.6	38.3	406	33.4	30.7	36.1
		Advanced	190	18.6	16.2	21.1	196	18.9	16.6	21.5	203	18.8	16.5	21.2	163	14.9	12.9	17.2	202	16.6	14.6	18.8
	MB	Early	78	36.8	30.3	43.7	110	41.5	35.5	47.7	92	40.0	33.6	46.6	125	45.1	39.2	51.2	115	44.1	37.9	50.3
		Intermediate	84	39.6	33.0	46.5	110	41.5	35.5	47.7	90	39.1	32.8	45.8	90	32.5	27.0	38.4	91	34.9	29.1	41.0
		Advanced	50	23.6	18.0	29.9	45	17.0	12.7	22.1	48	20.9	15.8	26.7	62	22.4	17.6	27.8	55	21.1	16.3	26.5
	NB	Early	74	48.4	40.2	56.6	49	40.5	31.7	49.8	72	47.7	39.5	56.0	65	47.4	38.9	56.1	62	42.2	34.1	50.6
		Intermediate	55	35.9	28.4	44.1	40	33.1	24.8	42.2	44	29.1	22.0	37.1	46	33.6	25.7	42.1	51	34.7	27.0	43.0
		Advanced	24	15.7	10.3	22.4	32	26.4	18.8	35.2	35	23.2	16.7	30.7	26	19.0	12.8	26.6	34	23.1	16.6	30.8
	NL	Early	24	34.8	23.7	47.2	26	40.6	28.5	53.6	30	41.1	29.7	53.2	21	43.8	29.5	58.8	32	42.7	31.3	54.6
		Intermediate	*	*	*	*	*	*	*	*	*	*	*	*	21	43.8	29.5	58.8	*	*	*	*
		Advanced	*	*	*	*	*	*	*	*	*	*	*	*	6	12.5	4.7	25.2	*	*	*	*
	NS	Early	62	43.7	35.4	52.2	90	44.3	37.4	51.5	80	42.8	35.6	50.2	106	45.5	39.0	52.1	102	52.6	45.3	59.8
		Intermediate	52	36.6	28.7	45.1	80	39.4	32.6	46.5	73	39.0	32.0	46.4	81	34.8	28.7	41.3	60	30.9	24.5	37.9
		Advanced	28	19.7	13.5	27.2	33	16.3	11.5	22.1	34	18.2	12.9	24.5	46	19.7	14.8	25.4	32	16.5	11.6	22.5
	ON	Early	534	37.9	35.4	40.5	671	40.3	38.0	42.7	663	41.7	39.3	44.2	726	40.4	38.2	42.8	837	45.1	42.8	47.4
		Intermediate	580	41.2	38.6	43.8	665	40.0	37.6	42.4	624	39.3	36.9	41.7	728	40.6	38.3	42.9	702	37.8	35.6	40.1
		Advanced	294	20.9	18.8	23.1	328	19.7	17.8	21.7	302	19.0	17.1	21.0	341	19.0	17.2	20.9	316	17.0	15.4	18.8

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Cancer	Province	Stage	Q1-lowest				Q2				Q3				Q4				Q5-highest			
			Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
	PE	Early	20	55.6	38.1	72.1	11	45.8	25.6	67.2	9	37.5	18.8	59.4	15	51.7	32.5	70.6	13	48.1	28.7	68.1
		Intermediate	*	*	*	*	*	*	*	*	*	*	*	*	9	31.0	15.3	50.8	*	*	*	*
		Advanced	*	*	*	*	*	*	*	*	*	*	*	*	5	17.2	5.8	35.8	*	*	*	*
	SK	Early	58	37.2	29.6	45.3	79	43.9	36.5	51.5	77	44.0	36.5	51.7	83	52.2	44.1	60.2	81	46.6	39.0	54.3
		Intermediate	54	34.6	27.2	42.6	60	33.3	26.5	40.7	72	41.1	33.8	48.8	44	27.7	20.9	35.3	66	37.9	30.7	45.6
		Advanced	44	28.2	21.3	36.0	41	22.8	16.9	29.6	26	14.9	9.9	21.0	32	20.1	14.2	27.2	27	15.5	10.5	21.8
COLORECTAL	Provinces Combined	Early	1,620	48.1	46.4	49.8	1,611	47.5	45.8	49.2	1,687	49.3	47.6	51.0	1,615	48.2	46.5	49.9	1,575	49.2	47.5	51.0
		Intermediate	1,003	29.8	28.2	31.3	1,057	31.2	29.6	32.8	1,027	30.0	28.5	31.6	996	29.7	28.2	31.3	945	29.5	28.0	31.1
		Advanced	748	22.2	20.8	23.6	723	21.3	20.0	22.7	710	20.7	19.4	22.1	737	22.0	20.6	23.5	680	21.3	19.8	22.7
	AB	Early	239	48.2	43.7	52.7	225	43.6	39.3	48.0	259	49.2	44.9	53.6	227	44.6	40.2	49.0	260	49.3	45.0	53.7
		Intermediate	132	26.6	22.8	30.7	162	31.4	27.4	35.6	141	26.8	23.1	30.8	151	29.7	25.7	33.8	146	27.7	23.9	31.7
		Advanced	125	25.2	21.4	29.3	129	25.0	21.3	29.0	126	24.0	20.4	27.8	131	25.7	22.0	29.8	121	23.0	19.4	26.8
	BC	Early	375	43.4	40.0	46.7	337	44.1	40.6	47.7	371	46.1	42.7	49.7	375	47.2	43.7	50.7	318	43.4	39.8	47.1
		Intermediate	296	34.2	31.1	37.5	267	34.9	31.6	38.4	267	33.2	30.0	36.6	250	31.4	28.2	34.8	247	33.7	30.3	37.2
		Advanced	194	22.4	19.7	25.4	160	20.9	18.1	24.0	166	20.6	17.9	23.6	170	21.4	18.6	24.4	168	22.9	19.9	26.1
	MB	Early	100	45.0	38.4	51.8	122	52.1	45.5	58.7	111	51.4	44.5	58.2	103	49.5	42.5	56.5	108	48.4	41.7	55.2
		Intermediate	70	31.5	25.5	38.1	68	29.1	23.3	35.3	62	28.7	22.8	35.2	67	32.2	25.9	39.0	69	30.9	24.9	37.5
		Advanced	52	23.4	18.0	29.6	44	18.8	14.0	24.4	43	19.9	14.8	25.9	38	18.3	13.3	24.2	46	20.6	15.5	26.5
	NB	Early	69	54.8	45.7	63.6	51	42.9	33.8	52.3	55	44.0	35.1	53.2	62	51.2	42.0	60.4	51	54.8	44.2	65.2
		Intermediate	31	24.6	17.4	33.1	36	30.3	22.2	39.3	35	28.0	20.3	36.7	30	24.8	17.4	33.5	22	23.7	15.5	33.6
		Advanced	26	20.6	13.9	28.8	32	26.9	19.2	35.8	35	28.0	20.3	36.7	29	24.0	16.7	32.6	20	21.5	13.7	31.2
	NL	Early	50	52.1	41.6	62.4	40	47.1	36.1	58.2	40	47.6	36.6	58.8	33	46.5	34.5	58.7	33	55.0	41.6	67.9
		Intermediate	26	27.1	18.5	37.1	28	32.9	23.1	44.0	*	*	*	*	33	46.5	34.5	58.7	19	31.7	20.3	45.0
		Advanced	20	20.8	13.2	30.3	17	20.0	12.1	30.1	*	*	*	*	5	7.0	2.3	15.7	8	13.3	5.9	24.6
	NS	Early	83	50.0	42.2	57.8	95	51.6	44.2	59.0	94	50.8	43.4	58.2	97	56.4	48.6	63.9	101	54.6	47.1	61.9
		Intermediate	50	30.1	23.3	37.7	45	24.5	18.4	31.3	53	28.6	22.3	35.7	53	30.8	24.0	38.3	55	29.7	23.2	36.9
		Advanced	33	19.9	14.1	26.8	44	23.9	17.9	30.7	38	20.5	15.0	27.1	22	12.8	8.2	18.7	29	15.7	10.8	21.7
	ON	Early	595	49.9	47.0	52.8	662	50.5	47.7	53.2	660	50.5	47.7	53.2	644	49.2	46.5	51.9	640	51.1	48.3	53.9
		Intermediate	354	29.7	27.1	32.4	393	30.0	27.5	32.5	407	31.1	28.6	33.7	368	28.1	25.7	30.6	350	28.0	25.5	30.5
		Advanced	243	20.4	18.1	22.8	257	19.6	17.5	21.8	240	18.4	16.3	20.6	297	22.7	20.4	25.1	262	20.9	18.7	23.3

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Cancer	Province	Stage	Q1-lowest				Q2				Q3				Q4				Q5-highest			
			Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
	PE	Early	14	56.0	34.9	75.6	12	50.0	29.1	70.9	13	59.1	36.4	79.3	6	27.3	10.7	50.2	9	42.9	21.8	66.0
		Intermediate	5	20.0	6.8	40.7	6	25.0	9.8	46.7	*	*	*	*	5	22.7	7.8	45.4	7	33.3	14.6	57.0
		Advanced	6	24.0	9.4	45.1	6	25.0	9.8	46.7	*	*	*	*	11	50.0	28.2	71.8	5	23.8	8.2	47.2
	SK	Early	95	51.9	44.4	59.3	67	43.8	35.8	52.0	84	54.2	46.0	62.2	68	48.2	39.7	56.8	55	51.9	42.0	61.7
		Intermediate	39	21.3	15.6	28.0	52	34.0	26.5	42.1	33	21.3	15.1	28.6	39	27.7	20.5	35.8	30	28.3	20.0	37.9
		Advanced	49	26.8	20.5	33.8	34	22.2	15.9	29.6	38	24.5	18.0	32.1	34	24.1	17.3	32.0	21	19.8	12.7	28.7
LUNG	Provinces Combined	Early	1,926	42.6	41.1	44.0	1,725	42.9	41.4	44.5	1,479	41.6	40.0	43.3	1,351	42.4	40.6	44.1	1,263	43.8	42.0	45.6
		Advanced	2,598	57.4	56.0	58.9	2,294	57.1	55.5	58.6	2,074	58.4	56.7	60.0	1,839	57.6	55.9	59.4	1,620	56.2	54.4	58.0
	AB	Early	247	34.9	31.4	38.6	223	35.2	31.5	39.0	167	33.1	29.0	37.4	163	36.1	31.6	40.7	160	39.6	34.8	44.6
		Advanced	460	65.1	61.4	68.6	411	64.8	61.0	68.5	337	66.9	62.6	71.0	289	63.9	59.3	68.4	244	60.4	55.4	65.2
	BC	Early	398	37.8	34.9	40.8	369	39.5	36.4	42.7	317	37.7	34.4	41.1	250	35.1	31.6	38.7	272	40.4	36.7	44.2
		Advanced	655	62.2	59.2	65.1	565	60.5	57.3	63.6	524	62.3	58.9	65.6	462	64.9	61.3	68.4	401	59.6	55.8	63.3
	MB	Early	124	41.5	35.8	47.3	130	45.9	40.0	51.9	98	44.7	38.0	51.6	74	42.8	35.3	50.5	78	38.2	31.5	45.3
		Advanced	175	58.5	52.7	64.2	153	54.1	48.1	60.0	121	55.3	48.4	62.0	99	57.2	49.5	64.7	126	61.8	54.7	68.5
	NB	Early	89	49.4	41.9	57.0	70	48.3	39.9	56.7	52	40.0	31.5	49.0	65	45.8	37.4	54.3	47	52.2	41.4	62.9
		Advanced	91	50.6	43.0	58.1	75	51.7	43.3	60.1	78	60.0	51.0	68.5	77	54.2	45.7	62.6	43	47.8	37.1	58.6
	NL	Early	25	37.9	26.2	50.7	35	42.7	31.8	54.1	30	44.8	32.6	57.4	26	59.1	43.2	73.7	23	36.5	24.7	49.6
		Advanced	41	62.1	49.3	73.8	47	57.3	45.9	68.2	37	55.2	42.6	67.4	18	40.9	26.3	56.8	40	63.5	50.4	75.3
	NS	Early	116	41.6	35.7	47.6	80	36.2	29.9	42.9	90	41.3	34.7	48.1	69	36.9	30.0	44.2	52	39.4	31.0	48.3
		Advanced	163	58.4	52.4	64.3	141	63.8	57.1	70.1	128	58.7	51.9	65.3	118	63.1	55.8	70.0	80	60.6	51.7	69.0
	ON	Early	854	51.4	49.0	53.8	759	50.0	47.4	52.5	693	49.4	46.8	52.1	650	49.5	46.8	52.3	592	50.2	47.3	53.1
		Advanced	807	48.6	46.2	51.0	760	50.0	47.5	52.6	709	50.6	47.9	53.2	662	50.5	47.7	53.2	588	49.8	46.9	52.7
	PE	Early	17	45.9	29.5	63.1	10	40.0	21.1	61.3	7	25.0	10.7	44.9	13	44.8	26.4	64.3	9	39.1	19.7	61.5
		Advanced	20	54.1	36.9	70.5	15	60.0	38.7	78.9	21	75.0	55.1	89.3	16	55.2	35.7	73.6	14	60.9	38.5	80.3
	SK	Early	56	23.1	18.0	29.0	49	27.8	21.4	35.1	25	17.4	11.6	24.6	41	29.5	22.1	37.8	30	26.3	18.5	35.4
		Advanced	186	76.9	71.0	82.0	127	72.2	64.9	78.6	119	82.6	75.4	88.4	98	70.5	62.2	77.9	84	73.7	64.6	81.5
PROSTATE	Provinces Combined	Early	360	12.0	10.9	13.3	455	12.8	11.7	13.9	492	12.9	11.9	14.0	533	12.7	11.7	13.8	622	13.0	12.1	14.0
		Intermediate	1,917	64.2	62.4	65.9	2,281	64.1	62.5	65.7	2,500	65.7	64.2	67.2	2,725	65.0	63.5	66.4	3,182	66.5	65.2	67.9
		Advanced	711	23.8	22.3	25.4	822	23.1	21.7	24.5	814	21.4	20.1	22.7	934	22.3	21.0	23.6	978	20.5	19.3	21.6
	AB	Early	129	26.7	22.8	30.9	147	25.4	21.9	29.1	140	22.9	19.6	26.5	175	24.7	21.6	28.1	209	26.0	23.0	29.2

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Cancer	Province	Stage	Q1-lowest				Q2				Q3				Q4				Q5-highest				
			Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		
		Intermediate	251	52.0	47.4	56.5	313	54.1	49.9	58.2	343	56.1	52.1	60.1	381	53.8	50.1	57.5	440	54.8	51.3	58.3	
		Advanced	103	21.3	17.8	25.3	119	20.6	17.3	24.1	128	20.9	17.8	24.4	152	21.5	18.5	24.7	154	19.2	16.5	22.1	
	BC	Early	56	8.6	6.5	11.0	71	10.0	7.9	12.4	90	11.7	9.6	14.2	114	13.9	11.6	16.4	132	13.1	11.1	15.4	
		Intermediate	420	64.3	60.5	68.0	433	60.7	57.0	64.3	473	61.7	58.2	65.2	497	60.4	57.0	63.7	639	63.5	60.5	66.5	
		Advanced	177	27.1	23.7	30.7	209	29.3	26.0	32.8	203	26.5	23.4	29.8	212	25.8	22.8	28.9	235	23.4	20.8	26.1	
	MB	Early	12	9.4	5.0	15.9	24	15.7	10.3	22.4	37	21.3	15.4	28.1	34	17.7	12.6	23.9	56	24.1	18.8	30.2	
		Intermediate	71	55.9	46.8	64.7	91	59.5	51.3	67.3	93	53.4	45.7	61.0	109	56.8	49.4	63.9	128	55.2	48.5	61.7	
		Advanced	44	34.6	26.4	43.6	38	24.8	18.2	32.5	44	25.3	19.0	32.4	49	25.5	19.5	32.3	48	20.7	15.7	26.5	
	NB	Early	37	29.6	21.8	38.4	50	35.2	27.4	43.7	53	35.3	27.7	43.5	64	42.7	34.6	51.0	53	37.6	29.6	46.1	
		Intermediate	71	56.8	47.6	65.6	67	47.2	38.8	55.7	78	52.0	43.7	60.2	74	49.3	41.1	57.6	72	51.1	42.5	59.6	
		Advanced	17	13.6	8.1	20.9	25	17.6	11.7	24.9	19	12.7	7.8	19.1	12	8.0	4.2	13.6	16	11.3	6.6	17.8	
	NL	Early	17	26.6	16.3	39.1	20	23.0	14.6	33.2	17	25.8	15.8	38.0	12	18.5	9.9	30.0	23	29.5	19.7	40.9	
		Intermediate	38	59.4	46.4	71.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		Advanced	9	14.1	6.6	25.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	NS	Early	26	19.4	13.1	27.1	40	23.8	17.6	31.0	53	28.3	22.0	35.4	51	29.1	22.5	36.5	44	23.3	17.5	30.0	
		Intermediate	76	56.7	47.9	65.2	88	52.4	44.5	60.1	90	48.1	40.8	55.5	90	51.4	43.8	59.0	101	53.4	46.1	60.7	
		Advanced	32	23.9	16.9	32.0	40	23.8	17.6	31.0	44	23.5	17.6	30.3	34	19.4	13.8	26.1	44	23.3	17.5	30.0	
	ON	Early	53	4.2	3.2	5.5	56	3.6	2.7	4.6	55	3.3	2.5	4.3	42	2.2	1.6	3.0	56	2.6	2.0	3.4	
		Intermediate	922	73.3	70.8	75.7	1,163	74.6	72.4	76.8	1,301	77.6	75.6	79.6	1,443	76.0	74.0	77.9	1,673	78.1	76.3	79.8	
		Advanced	283	22.5	20.2	24.9	339	21.8	19.7	23.9	320	19.1	17.2	21.1	413	21.8	19.9	23.7	414	19.3	17.7	21.1	
	PE	Early	10	40.0	21.1	61.3	17	54.8	36.0	72.7	16	45.7	28.8	63.4	11	47.8	26.8	69.4	14	43.8	26.4	62.3	
		Intermediate	10	40.0	21.1	61.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		Advanced	5	20.0	6.8	40.7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	SK	Early	20	16.8	10.6	24.8	30	23.6	16.5	32.0	31	22.0	15.5	29.7	30	19.0	13.2	26.0	35	22.2	15.9	29.4	
		Intermediate	58	48.7	39.5	58.1	67	52.8	43.7	61.7	70	49.6	41.1	58.2	85	53.8	45.7	61.8	78	49.4	41.3	57.4	
		Advanced	41	34.5	26.0	43.7	30	23.6	16.5	32.0	40	28.4	21.1	36.6	43	27.2	20.4	34.9	45	28.5	21.6	36.2	

\* Suppressed due to small numbers or to prevent residual disclosure

Data for QC are not available

Stage at diagnosis was defined in the following ways for each of the cancer types:

Breast: Early includes stage I, intermediate includes stage II and advanced includes stages III and IV



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Prostate: Early includes stage I, intermediate includes stage II and advanced includes stages III and IV  
Colorectal: Early includes stages I and II, intermediate includes stage III and advanced includes stage IV  
Lung: Early includes stages I, II, IIIA and advanced includes stages IIIB, all other III, IV  
Data Source: Provincial cancer agencies

**Table 4b. Stage distribution for breast, colorectal, lung and prostate cancer by geography and by province, 2010 and 2011 diagnosis years combined**

			Geography															
			Urban				Rural				Rural Remote				Rural Very Remote			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
BREAST	Provinces Combined	Early	9,141	45.0	44.3	45.7	750	43.2	40.8	45.5	645	44.7	42.1	47.3	1,046	45.0	43.0	47.1
		Intermediate	7,373	36.3	35.6	37.0	670	38.6	36.3	40.9	514	35.6	33.1	38.1	797	34.3	32.4	36.3
		Advanced	3,795	18.7	18.2	19.2	317	18.2	16.5	20.1	285	19.7	17.7	21.9	479	20.6	19.0	22.3
	AB	Early	1,719	49.0	47.3	50.7	51	46.8	37.2	56.6	134	39.6	34.4	45.1	243	51.5	46.9	56.1
		Intermediate	1,163	33.1	31.6	34.7	33	30.3	21.8	39.8	134	39.6	34.4	45.1	140	29.7	25.6	34.0
		Advanced	627	17.9	16.6	19.2	25	22.9	15.4	32.0	70	20.7	16.5	25.4	89	18.9	15.4	22.7
	BC	Early	2,632	47.9	46.6	49.2	66	50.0	41.2	58.8	109	42.4	36.3	48.7	160	39.4	34.6	44.3
		Intermediate	1,901	34.6	33.3	35.9	32	24.2	17.2	32.5	100	38.9	32.9	45.2	161	39.7	34.9	44.6
		Advanced	962	17.5	16.5	18.5	34	25.8	18.5	34.1	48	18.7	14.1	24.0	85	20.9	17.1	25.2
	MB	Early	521	41.8	39.1	44.6	18	47.4	31.0	64.2	66	43.1	35.2	51.4	125	42.2	36.5	48.1
		Intermediate	465	37.3	34.6	40.1	*	*	*	*	52	34.0	26.5	42.1	101	34.1	28.7	39.8
		Advanced	260	20.9	18.6	23.2	*	*	*	*	35	22.9	16.5	30.4	70	23.6	18.9	28.9
	NB	Early	322	45.4	41.7	49.2	32	47.8	35.4	60.3	110	46.4	39.9	53.0	68	47.9	39.4	56.4
		Intermediate	236	33.3	29.8	36.9	29	43.3	31.2	56.0	79	33.3	27.4	39.7	*	*	*	*
		Advanced	151	21.3	18.3	24.5	6	9.0	3.4	18.5	48	20.3	15.3	25.9	*	*	*	*
	NL	Early	133	40.4	35.1	45.9	19	51.4	34.4	68.1	71	51.4	42.8	60.0	93	38.8	32.6	45.2
		Intermediate	116	35.3	30.1	40.7	10	27.0	13.8	44.1	46	33.3	25.5	41.9	81	33.8	27.8	40.1
		Advanced	80	24.3	19.8	29.3	8	21.6	9.8	38.2	21	15.2	9.7	22.3	66	27.5	22.0	33.6
	NS	Early	440	45.9	42.7	49.1	13	46.4	27.5	66.1	64	46.4	37.9	55.1	186	51.2	46.0	56.5
		Intermediate	346	36.1	33.0	39.2	*	*	*	*	50	36.2	28.2	44.8	116	32.0	27.2	37.0
		Advanced	173	18.0	15.7	20.6	*	*	*	*	24	17.4	11.5	24.8	61	16.8	13.1	21.1

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			Urban				Rural				Rural Remote				Rural Very Remote			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
	ON	Early	2,925	41.4	40.2	42.5	522	41.1	38.4	43.9	0	-	-	-	0	-	-	-
		Intermediate	2,794	39.5	38.4	40.7	514	40.5	37.8	43.2	0	-	-	-	0	-	-	-
		Advanced	1,353	19.1	18.2	20.1	234	18.4	16.3	20.7	0	-	-	-	0	-	-	-
	PE	Early	68	48.6	40.0	57.2	21	65.6	46.8	81.4	26	49.1	35.1	63.2	8	66.7	34.9	90.1
		Intermediate	55	39.3	31.1	47.9	*	*	*	*	17	32.1	19.9	46.3	*	*	*	*
		Advanced	17	12.1	7.2	18.7	*	*	*	*	10	18.9	9.4	32.0	*	*	*	*
	SK	Early	381	44.8	41.4	48.2	8	33.3	15.6	55.3	65	50.0	41.1	58.9	163	41.7	36.8	46.8
		Intermediate	297	34.9	31.7	38.3	*	*	*	*	36	27.7	20.2	36.2	144	36.8	32.0	41.8
		Advanced	172	20.2	17.6	23.1	*	*	*	*	29	22.3	15.5	30.4	84	21.5	17.5	25.9
COLORECTAL	Provinces Combined	Early	7,590	48.3	47.5	49.1	778	50.1	47.5	52.6	762	50.1	47.5	52.6	1,223	49.2	47.3	51.2
		Intermediate	4,728	30.1	29.4	30.8	469	30.2	27.9	32.5	441	29.0	26.7	31.3	734	29.5	27.8	31.4
		Advanced	3,388	21.6	20.9	22.2	307	19.8	17.8	21.8	319	21.0	18.9	23.1	527	21.2	19.6	22.9
	AB	Early	1,211	47.0	45.0	48.9	53	48.6	38.9	58.4	116	39.5	33.8	45.3	245	51.0	46.5	55.6
		Intermediate	735	28.5	26.8	30.3	40	36.7	27.7	46.5	96	32.7	27.3	38.3	133	27.7	23.7	31.9
		Advanced	633	24.5	22.9	26.3	16	14.7	8.6	22.7	82	27.9	22.8	33.4	102	21.3	17.7	25.2
	BC	Early	1,792	44.9	43.3	46.4	50	49.0	39.0	59.1	118	48.6	42.1	55.0	124	43.5	37.7	49.5
		Intermediate	1,339	33.5	32.1	35.0	34	33.3	24.3	43.4	80	32.9	27.0	39.2	105	36.8	31.2	42.7
		Advanced	864	21.6	20.4	22.9	18	17.6	10.8	26.4	45	18.5	13.8	24.0	56	19.6	15.2	24.7
	MB	Early	544	49.3	46.3	52.3	23	53.5	37.7	68.8	92	62.2	53.8	70.0	175	47.6	42.4	52.8
		Intermediate	336	30.5	27.8	33.3	14	32.6	19.1	48.5	34	23.0	16.5	30.6	117	31.8	27.1	36.8
		Advanced	223	20.2	17.9	22.7	6	14.0	5.3	27.9	22	14.9	9.6	21.6	76	20.7	16.6	25.2
	NB	Early	288	49.3	45.2	53.5	21	42.9	28.8	57.8	120	55.0	48.2	61.8	85	52.1	44.2	60.0
		Intermediate	154	26.4	22.8	30.1	15	30.6	18.3	45.4	57	26.1	20.4	32.5	*	*	*	*
		Advanced	142	24.3	20.9	28.0	13	26.5	14.9	41.1	41	18.8	13.8	24.6	*	*	*	*
	NL	Early	196	49.4	44.3	54.4	26	44.1	31.2	57.6	108	47.8	41.1	54.5	159	50.6	45.0	56.3

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			Urban				Rural				Rural Remote				Rural Very Remote			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
		Intermediate	130	32.7	28.1	37.6	23	39.0	26.5	52.6	72	31.9	25.8	38.4	93	29.6	24.6	35.0
		Advanced	71	17.9	14.2	22.0	10	16.9	8.4	29.0	46	20.4	15.3	26.2	62	19.7	15.5	24.6
	NS	Early	470	52.6	49.2	55.9	22	62.9	44.9	78.5	95	52.8	45.2	60.2	233	52.2	47.5	57.0
		Intermediate	257	28.7	25.8	31.8	*	*	*	*	48	26.7	20.4	33.8	120	26.9	22.8	31.3
		Advanced	167	18.7	16.2	21.4	*	*	*	*	37	20.6	14.9	27.2	93	20.9	17.2	24.9
	ON	Early	2,665	50.3	48.9	51.7	554	49.9	46.9	52.8	0	-	-	-	0	-	-	-
		Intermediate	1,554	29.3	28.1	30.6	330	29.7	27.0	32.5	0	-	-	-	0	-	-	-
		Advanced	1,079	20.4	19.3	21.5	227	20.4	18.1	22.9	0	-	-	-	0	-	-	-
	PE	Early	54	47.4	37.9	56.9	14	70.0	45.7	88.1	24	48.0	33.7	62.6	14	60.9	38.5	80.3
		Intermediate	29	25.4	17.7	34.4	*	*	*	*	11	22.0	11.5	36.0	*	*	*	*
		Advanced	31	27.2	19.3	36.3	*	*	*	*	15	30.0	17.9	44.6	*	*	*	*
	SK	Early	370	49.9	46.2	53.5	15	57.7	36.9	76.6	89	54.6	46.6	62.4	188	46.4	41.5	51.4
		Intermediate	194	26.1	23.0	29.5	*	*	*	*	43	26.4	19.8	33.8	126	31.1	26.6	35.9
		Advanced	178	24.0	21.0	27.2	*	*	*	*	31	19.0	13.3	25.9	91	22.5	18.5	26.9
LUNG	Provinces Combined	Early	7,131	42.0	41.2	42.7	880	49.7	47.3	52.0	656	39.5	37.2	41.9	897	37.1	35.2	39.1
		Advanced	9,867	58.0	57.3	58.8	891	50.3	48.0	52.7	1,004	60.5	58.1	62.8	1,521	62.9	60.9	64.8
	AB	Early	963	35.6	33.8	37.4	32	29.6	21.2	39.2	115	35.6	30.4	41.1	158	32.6	28.4	36.9
		Advanced	1,744	64.4	62.6	66.2	76	70.4	60.8	78.8	208	64.4	58.9	69.6	327	67.4	63.1	71.6
	BC	Early	1,637	38.4	36.9	39.9	57	44.9	36.1	54.0	110	40.1	34.3	46.2	139	36.8	31.9	41.9
		Advanced	2,629	61.6	60.1	63.1	70	55.1	46.0	63.9	164	59.9	53.8	65.7	239	63.2	58.1	68.1
	MB	Early	504	42.8	39.9	45.7	20	50.0	33.8	66.2	73	44.5	36.8	52.5	139	44.4	38.8	50.1
		Advanced	674	57.2	54.3	60.1	20	50.0	33.8	66.2	91	55.5	47.5	63.2	174	55.6	49.9	61.2
	NB	Early	325	47.2	43.4	51.0	43	55.1	43.4	66.4	145	44.6	39.1	50.2	83	47.2	39.6	54.8
		Advanced	364	52.8	49.0	56.6	35	44.9	33.6	56.6	180	55.4	49.8	60.9	93	52.8	45.2	60.4
	NL	Early	139	43.2	37.7	48.8	19	39.6	25.8	54.7	82	43.9	36.6	51.3	89	37.7	31.5	44.2

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			Urban				Rural				Rural Remote				Rural Very Remote			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
		Advanced	183	56.8	51.2	62.3	29	60.4	45.3	74.2	105	56.1	48.7	63.4	147	62.3	55.8	68.5
	NS	Early	408	39.3	36.3	42.3	16	50.0	31.9	68.1	78	42.6	35.4	50.1	180	43.1	38.3	48.0
		Advanced	631	60.7	57.7	63.7	16	50.0	31.9	68.1	105	57.4	49.9	64.6	238	56.9	52.0	61.7
	ON	Early	2,896	49.6	48.4	50.9	675	52.7	49.9	55.4	0	-	-	-	0	-	-	-
		Advanced	2,937	50.4	49.1	51.6	607	47.3	44.6	50.1	0	-	-	-	0	-	-	-
	PE	Early	56	39.4	31.3	48.0	12	48.0	27.8	68.7	17	30.4	18.8	44.1	6	35.3	14.2	61.7
		Advanced	86	60.6	52.0	68.7	13	52.0	31.3	72.2	39	69.6	55.9	81.2	11	64.7	38.3	85.8
	SK	Early	203	24.7	21.8	27.8	6	19.4	7.5	37.5	36	24.3	17.7	32.1	103	26.1	21.8	30.7
		Advanced	619	75.3	72.2	78.2	25	80.6	62.5	92.5	112	75.7	67.9	82.3	292	73.9	69.3	78.2
PROSTATE	Provinces Combined	Early	2,431	13.7	13.2	14.2	152	7.0	5.9	8.1	453	25.4	23.4	27.5	472	20.2	18.6	21.9
		Intermediate	11,428	64.2	63.5	64.9	1,540	70.6	68.6	72.5	956	53.6	51.3	56.0	1,300	55.7	53.6	57.7
		Advanced	3,930	22.1	21.5	22.7	489	22.4	20.7	24.2	374	21.0	19.1	22.9	564	24.1	22.4	25.9
	AB	Early	800	25.1	23.6	26.6	24	17.8	11.7	25.3	78	20.1	16.2	24.4	90	17.3	14.2	20.9
		Intermediate	1,731	54.3	52.5	56.0	72	53.3	44.6	62.0	221	57.0	51.9	61.9	322	62.0	57.7	66.2
		Advanced	657	20.6	19.2	22.1	39	28.9	21.4	37.3	89	22.9	18.8	27.4	107	20.6	17.2	24.4
	BC	Early	466	11.6	10.7	12.7	12	9.0	4.7	15.2	36	12.5	8.9	16.8	25	8.5	5.6	12.3
		Intermediate	2,495	62.3	60.8	63.8	83	62.4	53.6	70.7	178	61.6	55.7	67.2	187	63.4	57.6	68.9
		Advanced	1,045	26.1	24.7	27.5	38	28.6	21.1	37.0	75	26.0	21.0	31.4	83	28.1	23.1	33.6
	MB	Early	166	18.9	16.4	21.7	*	*	*	*	28	17.8	12.2	24.7	53	17.4	13.3	22.2
		Intermediate	490	55.8	52.5	59.1	*	*	*	*	83	52.9	44.8	60.9	173	56.9	51.1	62.5
		Advanced	222	25.3	22.4	28.3	14	43.8	26.4	62.3	46	29.3	22.3	37.1	78	25.7	20.8	31.0
	NB	Early	257	36.3	32.8	40.0	33	36.7	26.8	47.5	135	38.0	33.0	43.3	64	35.0	28.1	42.4
		Intermediate	362	51.1	47.4	54.9	45	50.0	39.3	60.7	177	49.9	44.5	55.2	*	*	*	*
		Advanced	89	12.6	10.2	15.2	12	13.3	7.1	22.1	43	12.1	8.9	16.0	*	*	*	*
	NL	Early	89	24.7	20.4	29.5	16	28.1	17.0	41.5	54	27.8	21.7	34.7	78	25.0	20.3	30.2

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			Geography															
			Urban				Rural				Rural Remote				Rural Very Remote			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
		Intermediate	197	54.7	49.4	59.9	33	57.9	44.1	70.9	97	50.0	42.8	57.2	162	51.9	46.2	57.6
		Advanced	74	20.6	16.5	25.1	8	14.0	6.3	25.8	43	22.2	16.5	28.7	72	23.1	18.5	28.2
	NS	Early	214	25.1	22.2	28.1	*	*	*	*	53	31.9	24.9	39.6	79	24.5	19.9	29.6
		Intermediate	446	52.2	48.8	55.6	*	*	*	*	81	48.8	41.0	56.7	162	50.3	44.7	55.9
		Advanced	194	22.7	19.9	25.7	8	29.6	13.8	50.2	32	19.3	13.6	26.1	81	25.2	20.5	30.3
	ON	Early	224	3.2	2.8	3.7	38	2.3	1.6	3.2	0	-	-	-	0	-	-	-
		Intermediate	5,287	76.2	75.2	77.2	1,245	76.1	74.0	78.1	0	-	-	-	0	-	-	-
		Advanced	1,428	20.6	19.6	21.6	353	21.6	19.6	23.7	0	-	-	-	0	-	-	-
	PE	Early	68	46.6	38.3	55.0	17	42.5	27.0	59.1	37	51.4	39.3	63.3	9	42.9	21.8	66.0
		Intermediate	59	40.4	32.4	48.8	15	37.5	22.7	54.2	29	40.3	28.9	52.5	*	*	*	*
		Advanced	19	13.0	8.0	19.6	8	20.0	9.1	35.6	6	8.3	3.1	17.3	*	*	*	*
	SK	Early	147	20.7	17.8	23.9	*	*	*	*	32	19.8	13.9	26.7	74	19.5	15.6	23.8
		Intermediate	361	50.8	47.1	54.6	*	*	*	*	90	55.6	47.6	63.4	184	48.4	43.3	53.6
		Advanced	202	28.5	25.2	31.9	9	29.0	14.2	48.0	40	24.7	18.3	32.1	122	32.1	27.4	37.1

\* Suppressed due to small numbers or to prevent residual disclosure.

Data for QC are not available

Stage at diagnosis was defined in the following ways for each of the cancer types:

Breast: Early includes stage I, intermediate includes stage II and advanced includes stages III and IV

Prostate: Early includes stage I, intermediate includes stage II and advanced includes stages III and IV

Colorectal: Early includes stages I and II, intermediate includes stage III and advanced includes stage IV

Lung: Early includes stages I, II, IIIA and advanced includes stages IIIB, all other III, IV

Data Source: Provincial cancer agencies

**Table 4c. Stage distribution for breast, colorectal, lung and prostate cancer by immigrant density tercile (T) and by province, 2010 and 2011 diagnosis years combined**

			Immigrant Density Tercile (T)											
			T1-lowest				T2				T3-highest			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
BREAST	Provinces Combined	Early	6,315	45.8	45.9	47.6	1,247	45.7	43.8	47.6	413	48.0	44.6	51.4
		Intermediate	4,615	34.2	33.4	35.0	989	36.3	34.4	38.1	304	35.3	32.2	38.6
		Advanced	2,576	19.1	18.4	19.7	492	18.0	16.6	19.5	143	16.6	14.2	19.3
	AB	Early	1,725	48.7	47.0	50.4	367	47.5	44.0	51.1	18	42.9	27.7	59.0
		Intermediate	1,172	33.1	31.5	34.7	260	33.7	30.3	37.1	*	*	*	*
		Advanced	645	18.2	17.0	19.5	145	18.8	16.1	21.7	*	*	*	*
	BC	Early	1,698	47.4	45.8	49.1	793	46.6	44.2	49.0	393	48.8	45.3	52.3
		Intermediate	1,212	33.8	32.3	35.4	621	36.5	34.2	38.8	284	35.2	31.9	38.6
		Advanced	672	18.8	17.5	20.1	289	17.0	15.2	18.8	129	16.0	13.5	18.7
	MB	Early	641	43.9	41.3	46.5	74	32.9	26.8	39.4	*	*	*	*
		Intermediate	516	35.3	32.9	37.9	100	44.4	37.8	51.2	*	*	*	*
		Advanced	303	20.8	18.7	22.9	51	22.7	17.4	28.7	*	*	*	*
	NB	Early	528	46.1	43.2	49.1	*	*	*	*	0	-	-	-
		Intermediate	393	34.3	31.6	37.2	*	*	*	*	0	-	-	-
		Advanced	224	19.6	17.3	22.0	*	*	*	*	*	*	*	*
	NL	Early	315	42.5	38.9	46.1	0	-	-	-	0	-	-	-
		Intermediate	252	34.0	30.6	37.5	0	-	-	-	0	-	-	-
		Advanced	175	23.6	20.6	26.8	0	-	-	-	0	-	-	-
	NS	Early	695	47.2	44.7	49.8	7	63.6	30.8	89.1	0	-	-	-
		Intermediate	520	35.4	32.9	37.9	*	*	*	*	0	-	-	-
		Advanced	256	17.4	15.5	19.4	*	*	*	*	0	-	-	-
	PE	Early	123	52.1	45.5	58.6	0	-	-	-	0	-	-	-
		Intermediate	83	35.2	29.1	41.6	0	-	-	-	0	-	-	-

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			Immigrant Density Tercile (T)											
			T1-lowest				T2				T3-highest			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
		Advanced	30	12.7	8.7	17.6	0	-	-	-	0	-	-	-
	SK	Early	590	44.4	41.7	47.1	*	*	*	*	*	*	*	*
		Intermediate	467	35.2	32.6	37.8	5	38.5	13.9	68.4	0	-	-	-
		Advanced	271	20.4	18.3	22.7	*	*	*	*	0	-	-	-
COLORECTAL	Provinces Combined	Early	5,843	48.7	47.8	49.5	898	46.8	44.6	49.1	250	42.2	38.1	46.2
		Intermediate	3,561	29.7	28.8	30.5	596	31.1	29.0	33.2	221	37.3	33.4	41.3
		Advanced	2,606	21.7	21.0	22.4	424	22.1	20.3	24.0	122	20.6	17.4	24.1
	AB	Early	1,327	46.9	45.0	48.7	263	48.1	43.8	52.4	*	*	*	*
		Intermediate	831	29.4	27.7	31.1	150	27.4	23.7	31.4	*	*	*	*
		Advanced	672	23.7	22.2	25.4	134	24.5	20.9	28.3	*	*	*	*
	BC	Early	1,271	45.8	44.0	47.7	516	45.1	42.2	48.0	238	42.7	38.5	46.9
		Intermediate	918	33.1	31.3	34.9	375	32.8	30.0	35.6	211	37.8	33.8	42.0
		Advanced	585	21.1	19.6	22.7	254	22.2	19.8	24.7	109	19.5	16.3	23.1
	MB	Early	711	50.4	47.8	53.1	102	51.8	44.6	58.9	*	*	*	*
		Intermediate	418	29.6	27.3	32.1	65	33.0	26.5	40.0	*	*	*	*
		Advanced	281	19.9	17.9	22.1	30	15.2	10.5	21.0	*	*	*	*
	NB	Early	507	50.5	47.4	53.6	*	*	*	*	0	-	-	-
		Intermediate	258	25.7	23.0	28.5	0	-	-	-	0	-	-	-
		Advanced	239	23.8	21.2	26.6	0	-	-	-	0	-	-	-
	NL	Early	486	49.1	45.9	52.3	*	*	*	*	0	-	-	-
		Intermediate	315	31.8	28.9	34.8	0	-	-	-	0	-	-	-
		Advanced	189	19.1	16.7	21.7	0	-	-	-	0	-	-	-
	NS	Early	811	52.9	50.4	55.4	5	50.0	18.7	81.3	0	-	-	-
		Intermediate	427	27.9	25.6	30.2	*	*	*	*	0	-	-	-
		Advanced	295	19.2	17.3	21.3	*	*	*	*	0	-	-	-
	PE	Early	106	51.2	44.2	58.2	0	-	-	-	0	-	-	-
		Intermediate	49	23.7	18.1	30.1	0	-	-	-	0	-	-	-



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			Immigrant Density Tercile (T)											
			T1-lowest				T2				T3-highest			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
		Advanced	52	25.1	19.4	31.6	0	-	-	-	0	-	-	-
	SK	Early	624	49.4	46.7	52.2	9	56.3	29.9	80.2	0	-	-	-
		Intermediate	345	27.3	24.9	29.9	*	*	*	*	0	-	-	-
		Advanced	293	23.2	20.9	25.6	*	*	*	*	0	-	-	-
LUNG	Provinces Combined	Early	4,924	38.4	37.6	39.3	757	38.1	36.0	40.3	196	34.0	30.1	38.0
		Advanced	7,893	61.6	60.7	62.4	1,228	61.9	59.7	64.0	381	66.0	62.0	69.9
	AB	Early	1,050	35.2	33.5	37.0	199	35.3	31.3	39.4	*	*	*	*
		Advanced	1,931	64.8	63.0	66.5	365	64.7	60.6	68.7	*	*	*	*
	BC	Early	1,252	39.4	37.7	41.1	448	38.4	35.6	41.3	189	34.8	30.8	39.0
		Advanced	1,926	60.6	58.9	62.3	718	61.6	58.7	64.4	354	65.2	61.0	69.2
	MB	Early	617	43.5	40.9	46.1	96	43.2	36.6	50.0	*	*	*	*
		Advanced	801	56.5	53.9	59.1	126	56.8	50.0	63.4	*	*	*	*
	NB	Early	587	46.8	44.0	49.6	*	100.0	29.2	100.0	0	-	-	-
		Advanced	667	53.2	50.4	56.0	0	-	-	-	0	-	-	-
	NL	Early	329	41.6	38.2	45.2	*	66.7	9.4	99.2	0	-	-	-
		Advanced	461	58.4	54.8	61.8	*	33.3	0.8	90.6	*	100.0	15.8	100.0
	NS	Early	672	40.9	38.5	43.3	*	37.5	8.5	75.5	0	-	-	-
		Advanced	972	59.1	56.7	61.5	*	62.5	24.5	91.5	0	-	-	-
	PE	Early	91	38.1	31.9	44.6	0	-	-	-	0	-	-	-
		Advanced	148	61.9	55.4	68.1	0	-	-	-	0	-	-	-
	SK	Early	326	24.8	22.5	27.3	6	31.6	12.6	56.6	0	-	-	-
		Advanced	987	75.2	72.7	77.5	13	68.4	43.4	87.4	0	-	-	-
PROSTATE	Provinces Combined	Early	2,764	21.9	21.2	22.6	361	17.9	16.2	19.6	79	14.3	11.5	17.5
		Intermediate	7,033	55.7	54.8	56.6	1,161	57.4	55.2	59.6	313	56.8	52.6	61.0
		Advanced	2,825	22.4	21.7	23.1	500	24.7	22.9	26.7	159	28.9	25.1	32.8
	AB	Early	812	23.6	22.1	25.0	164	24.0	20.9	27.4	*	*	*	*
		Intermediate	1,914	55.5	53.8	57.2	372	54.5	50.7	58.3	*	*	*	*

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			Immigrant Density Tercile (T)											
			T1-lowest				T2				T3-highest			
Cancer	Province	Stage	Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval		Case	Percent (%)	95% Confidence Interval	
		<b>Advanced</b>	721	20.9	19.6	22.3	146	21.4	18.4	24.7	*	*	*	*
	BC	<b>Early</b>	291	10.0	8.9	11.2	165	14.1	12.2	16.2	67	13.4	10.5	16.7
		<b>Intermediate</b>	1,877	64.5	62.8	66.3	697	59.6	56.7	62.4	286	57.1	52.6	61.5
		<b>Advanced</b>	741	25.5	23.9	27.1	308	26.3	23.8	28.9	148	29.5	25.6	33.7
	MB	<b>Early</b>	218	18.4	16.2	20.7	26	18.1	12.1	25.3	*	*	*	*
		<b>Intermediate</b>	664	56.1	53.2	58.9	76	52.8	44.3	61.1	*	*	*	*
		<b>Advanced</b>	302	25.5	23.0	28.1	42	29.2	21.9	37.3	*	*	*	*
	NB	<b>Early</b>	489	36.8	34.2	39.5	0	-	-	-	0	-	-	-
		<b>Intermediate</b>	678	51.1	48.3	53.8	*	*	*	*	0	-	-	-
		<b>Advanced</b>	161	12.1	10.4	14.0	0	-	-	-	0	-	-	-
	NL	<b>Early</b>	236	25.8	23.0	28.7	0	-	-	-	0	-	-	-
		<b>Intermediate</b>	484	52.8	49.5	56.1	*	*	*	*	0	-	-	-
		<b>Advanced</b>	196	21.4	18.8	24.2	0	-	-	-	0	-	-	-
	NS	<b>Early</b>	346	25.7	23.4	28.2	*	*	*	*	0	-	-	-
		<b>Intermediate</b>	687	51.1	48.4	53.8	9	69.2	38.6	90.9	0	-	-	-
		<b>Advanced</b>	311	23.1	20.9	25.5	*	*	*	*	0	-	-	-
	PE	<b>Early</b>	130	46.8	40.8	52.8	0	-	-	-	0	-	-	-
		<b>Intermediate</b>	111	39.9	34.1	45.9	0	-	-	-	0	-	-	-
		<b>Advanced</b>	37	13.3	9.5	17.9	0	-	-	-	0	-	-	-
	SK	<b>Early</b>	242	19.9	17.7	22.3	*	*	*	*	0	-	-	-
		<b>Intermediate</b>	618	50.8	48.0	53.7	*	*	*	*	0	-	-	-
		<b>Advanced</b>	356	29.3	26.7	31.9	*	*	*	*	0	-	-	-

Data for QC and ON are not available

\* Suppressed due to small numbers or to prevent residual disclosure.

Stage at diagnosis was defined in the following ways for each of the cancer types:

Breast: Early includes stage I, intermediate includes stage II and advanced includes stages III and IV

Prostate: Early includes stage I, intermediate includes stage II and advanced includes stages III and IV

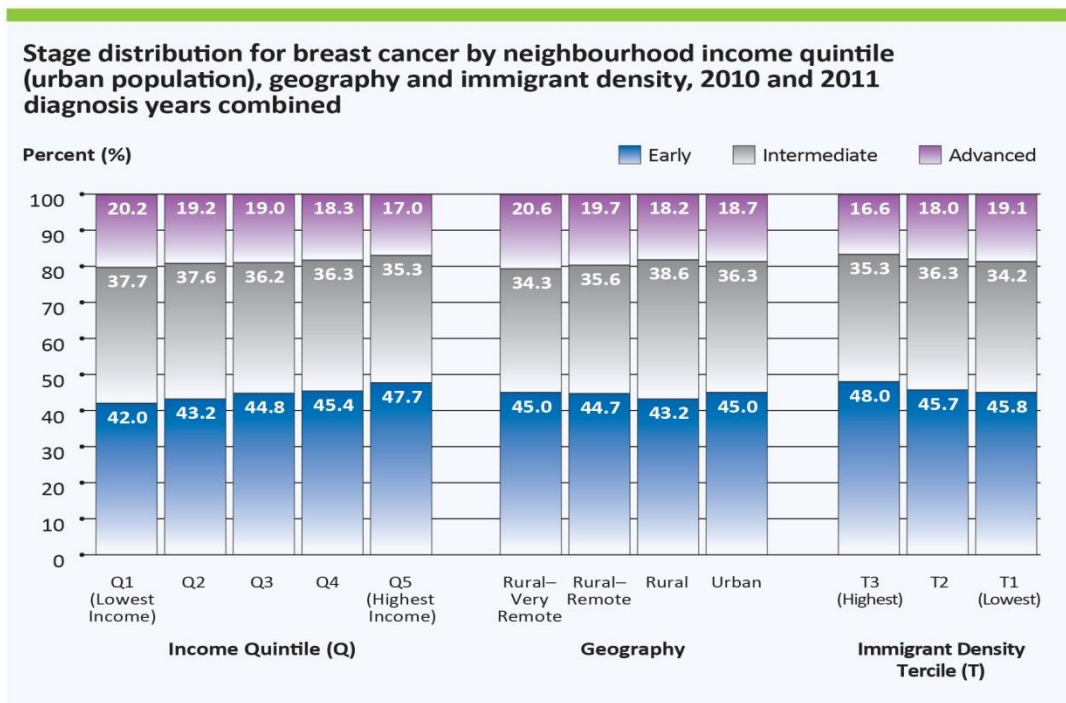
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Colorectal: Early includes stages I and II, intermediate includes stage III and advanced includes stage IV

Lung: Early includes stages I, II, IIIA and advanced includes stages IIIB, all other III, IV

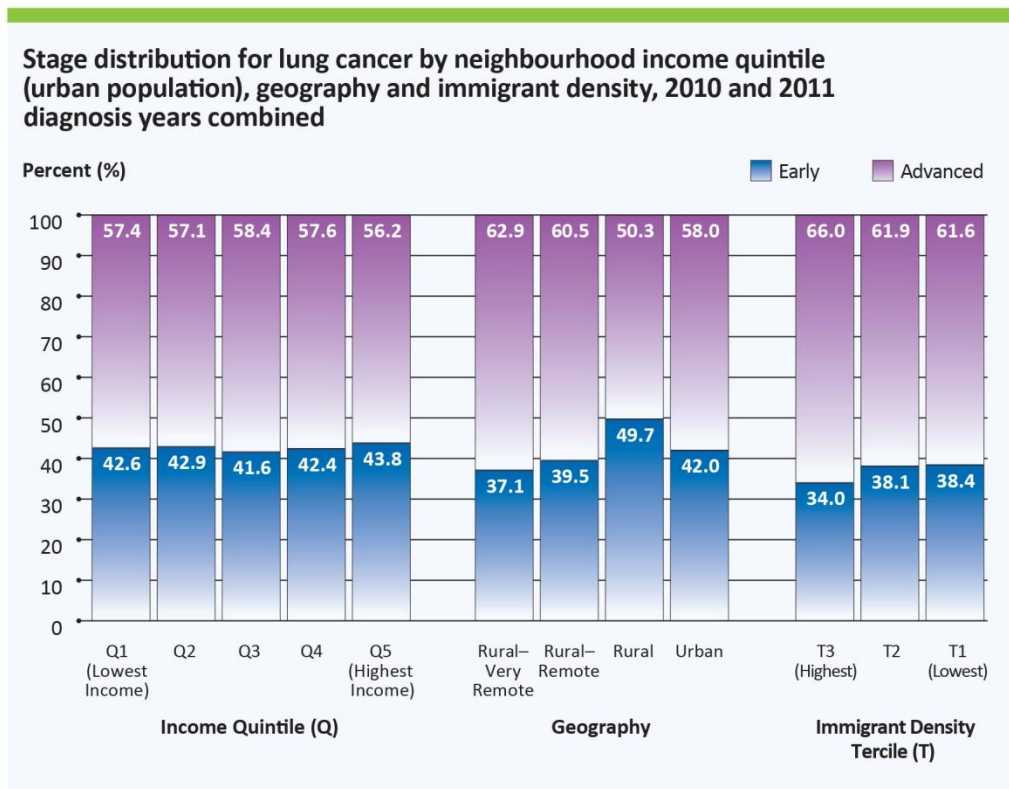
Data Source: Provincial cancer agencies

**Figure A1: Stage distribution for breast cancer by neighbourhood income quintile (urban population), geography and immigrant density tercile for provinces combined, 2010 and 2011 diagnosis years**



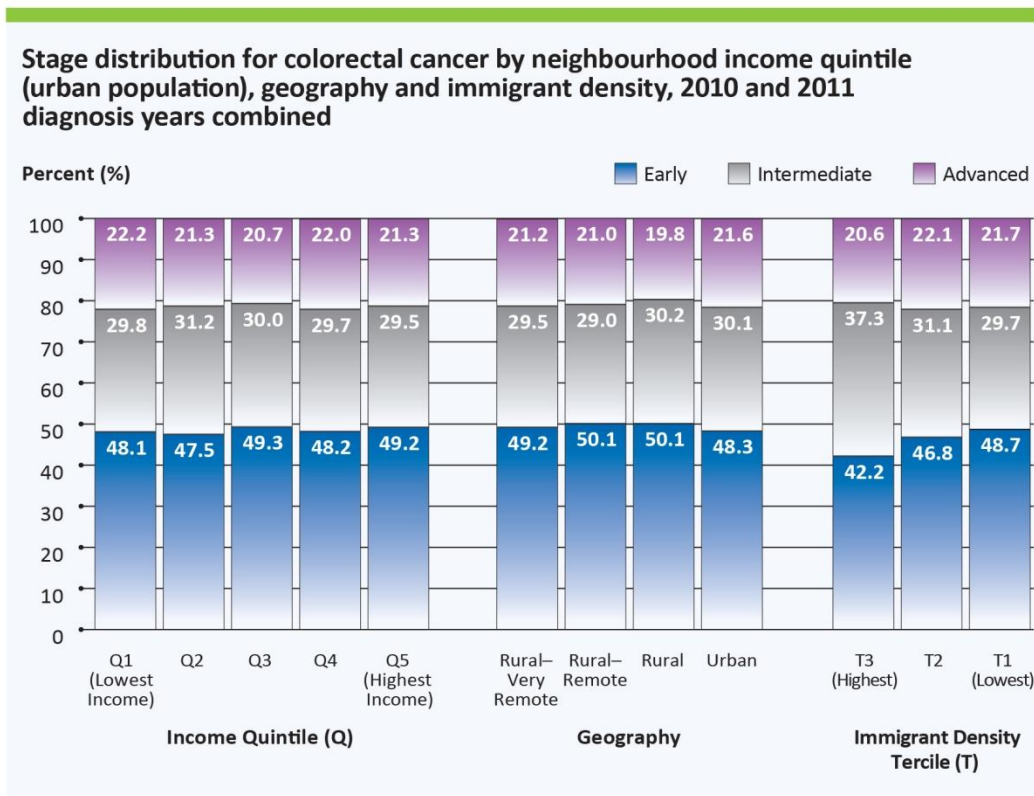
Notes: Excludes QC and the Territories.  
 Early includes stage I, intermediate includes stage II and advanced includes stages III and IV.  
 Data Source: Provincial cancer agencies.

**Figure A2: Stage distribution for lung cancer by neighbourhood income quintile (urban population), geography and immigrant density tercile for provinces combined, 2010 and 2011 diagnosis years**



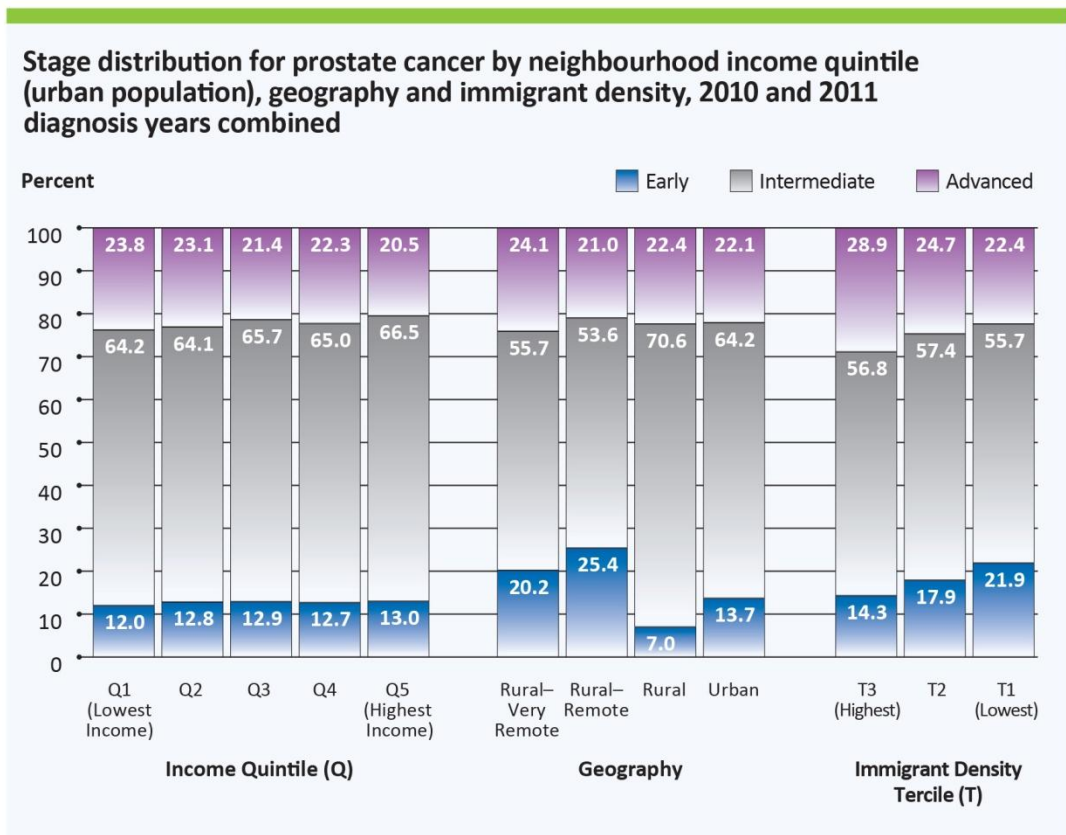
Notes: Excludes QC and the Territories  
 Early includes stages I, II, IIIA and advanced includes stages IIIB, all other III, IV  
 Data Source: Provincial cancer agencies

**Figure A3: Stage distribution for colorectal cancer by neighbourhood income quintile (urban population), geography and immigrant density tercile for provinces combined, 2010 and 2011 diagnosis years**



Notes: Excludes QC and the Territories.  
 Early includes stage I and II, intermediate includes stage III and advanced includes stage IV.  
 Data Source: Provincial cancer agencies.

**Figure A4: Stage distribution for prostate cancer by neighbourhood income quintile (Q) (urban population), geography and immigrant density tercile (T) for provinces combined, 2010 and 2011 diagnosis years**



Excludes QC and the Territories.  
 Early includes stage I, intermediate includes stage II and advanced includes stages III and IV.  
 Data source: Provincial cancer agencies

**Table 5a. Age-standardized incidence of breast, colorectal, lung and prostate cancer by neighbourhood income quintile, Canada 2007**

Cancer	Neighbourhood Income Quintile (Q)	Total Cases	Population	Age-Standardized Incident Rate (per 100,000)	95% Confidence Interval	
Breast	Q1 (lowest)	3,869	3,270,120	93.0	90.0	96.1
	Q2	4,110	3,229,440	95.1	92.2	98.2
	Q3	4,013	3,207,285	97.6	94.5	100.7
	Q4	4,195	3,199,620	103.7	100.6	107.0
	Q5 (highest)	4,428	3,153,620	108.5	105.2	111.9
Colorectal	Q1 (lowest)	4,225	6,335,035	51.6	50.1	53.3
	Q2	4,249	6,296,585	50.3	48.8	51.9
	Q3	4,084	6,295,445	52.1	50.5	53.7
	Q4	3,810	6,306,665	50.2	48.6	51.9
	Q5 (highest)	3,676	6,221,775	48.2	46.6	49.8
Lung	Q1 (lowest)	5,525	6,335,035	69.6	67.7	71.5
	Q2	5,095	6,296,585	61.0	59.4	62.8
	Q3	4,479	6,295,445	57.3	55.7	59.1
	Q4	3,920	6,306,665	52.3	50.6	54.0
	Q5 (highest)	3,251	6,221,775	43.1	41.6	44.6
Prostate	Q1 (lowest)	3,747	3,064,915	110.3	106.8	113.9
	Q2	4,417	3,067,145	120.7	117.2	124.4
	Q3	4,620	3,088,160	129.9	126.2	133.7
	Q4	4,714	3,107,045	133.5	129.7	137.4
	Q5 (highest)	5,184	3,068,155	140.5	136.6	144.4

Data Source: Statistics Canada, Canadian Cancer Registry



**Table 5b. Age-standardized incidence of breast, colorectal, lung and prostate cancer by geography, Canada 2007**

Cancer	Geography	Total Cases	Population	Age-Standardized Incident Rate (per 100,000)	95% Confidence Interval	
Breast	Urban	16,698	13,145,215	100.3	98.8	101.9
	Rural	830	667,945	91.2	84.9	97.8
	Rural - Remote	1,558	1,111,845	92.6	87.9	97.6
	Rural - Very Remote	1,529	1,193,765	96.1	91.2	101.2
Colorectal	Urban	15,577	25,622,505	49.3	48.6	50.1
	Rural	929	1,349,095	52.7	49.3	56.3
	Rural - Remote	1,797	2,219,320	52.9	50.4	55.4
	Rural - Very Remote	1,741	2,385,055	54.3	51.8	57.0
Lung	Urban	17,167	25,622,505	55.0	54.1	55.8
	Rural	1,116	1,349,095	62.9	59.3	66.8
	Rural - Remote	1,998	2,219,320	58.6	56.0	61.3
	Rural - Very Remote	1,989	2,385,055	62.8	60.0	65.6
Prostate	Urban	17,578	12,477,290	126.9	125.0	128.8
	Rural	1,197	681,150	134.1	126.5	142.0
	Rural - Remote	2,007	1,107,475	122.2	116.9	127.7
	Rural - Very Remote	1,900	1,191,290	125.5	119.9	131.3

Data Source: Statistics Canada, Canadian Cancer Registry

**Table 6a. Age-standardized mortality of breast, colorectal, lung and prostate cancer by neighbourhood income quintile, Canada 2007**

Cancer	Category	Total Cases	Population	Age-Standardized Mortality Rate (per 100,000)	95% Confidence Interval	
Breast	Q1 (lowest income)	1,048	3,270,120	21.5	20.2	22.9
	Q2	1,027	3,229,440	21.4	20.0	22.8
	Q3	914	3,207,285	20.7	19.3	22.1
	Q4	927	3,199,620	21.9	20.5	23.4
	Q5 (highest income)	929	3,153,620	22.2	20.8	23.8
Colorectal	Q1 (lowest income)	1,882	6,335,035	21.3	20.3	22.3
	Q2	1,749	6,296,585	19.9	19.0	20.9
	Q3	1,624	6,295,445	20.2	19.2	21.2
	Q4	1,579	6,306,665	20.7	19.7	21.8
	Q5 (highest income)	1,505	6,221,775	19.7	18.7	20.7
Lung	Q1 (lowest income)	4,441	6,335,035	54.7	53.1	56.4
	Q2	4,086	6,296,585	48.2	46.7	49.7
	Q3	3,459	6,295,445	44.2	42.7	45.7
	Q4	3,059	6,306,665	40.6	39.2	42.1
	Q5 (highest income)	2,677	6,221,775	35.5	34.1	36.9
Prostate	Q1 (lowest income)	720	3,064,915	20.4	18.9	22.0
	Q2	742	3,067,145	20.1	18.7	21.6
	Q3	654	3,088,160	19.7	18.2	21.3
	Q4	642	3,107,045	20.5	18.9	22.1
	Q5 (highest income)	651	3,068,155	20.7	19.1	22.4

Data Source: Statistics Canada, Vital Statistics Database

**Table 6b. Age-standardized mortality of breast, colorectal, lung and prostate cancer by geography, Canada 2007**

Cancer	Category	Total Cases	Population	Age-Standardized Mortality Rate (per 100,000)	95% Confidence Interval	
Breast	Urban	3,899	13,145,215	21.6	20.9	22.3
	Rural	191	667,945	20.3	17.5	23.5
	Rural - Remote	391	1,111,845	20.8	18.7	23.2
	Rural - Very Remote	364	1,193,765	20.4	18.3	22.7
Colorectal	Urban	6,371	25,622,505	19.5	19.0	20.0
	Rural	400	1,349,095	22.8	20.6	25.2
	Rural - Remote	803	2,219,320	22.9	21.3	24.6
	Rural - Very Remote	765	2,385,055	22.6	21.0	24.3
Lung	Urban	13,598	25,622,505	43.1	42.4	43.8
	Rural	835	1,349,095	47.5	44.3	50.9
	Rural - Remote	1,652	2,219,320	48.1	45.8	50.5
	Rural - Very Remote	1,637	2,385,055	51.2	48.7	53.8
Prostate	Urban	2,511	12,477,290	19.0	18.3	19.8
	Rural	171	681,150	23.0	19.6	26.7
	Rural - Remote	357	1,107,475	23.1	20.7	25.6
	Rural - Very Remote	370	1,191,290	24.3	21.9	26.9

Data Source: Statistics Canada, Vital Statistics Database

## Treatment

**Table 7a. Percentage of cancer patients receiving radiation therapy within 2 years of diagnosis by neighbourhood income quintile (urban population), by province and provinces combined – 2010**

Province	Neighbourhood Income Quintile (Q)																							
	Q1-lowest				Q2				Q3				Q4				Q5-highest							
	RT Receiv ed	Diagnos ed Cancers	Perce nt (%)	95% Confidence Interval	RT Receiv ed	Diagnos ed Cancers	Perce nt (%)	95% Confidence Interval	RT Receiv ed	Diagnos ed Cancers	Perce nt (%)	95% Confidence Interval	RT Receiv ed	Diagnos ed Cancers	Perce nt (%)	95% Confidence Interval	RT Receiv ed	Diagnos ed Cancers	Perce nt (%)	95% Confidence Interval	RT Receiv ed	Diagnos ed Cancers	Perce nt (%)	95% Confidence Interval
Province s Combin ed	2,874	9,070	31.7	30.7 32.7	2,902	8,905	32.6	31.6 33.6	2,887	8,750	33.0	32.0 34.0	2,893	8,831	32.8	31.8 33.7	2,927	9,088	32.2	31.2 33.2				
AB	703	2,220	31.7	29.7 33.6	763	2,322	32.9	31.0 34.8	697	2,238	31.1	29.2 33.1	724	2,336	31.0	29.1 32.9	692	2,359	29.3	27.5 31.2				
BC	1,238	3,778	32.8	31.3 34.3	1,210	3,628	33.4	31.8 34.9	1,223	3,496	35.0	33.4 36.6	1,245	3,589	34.7	33.1 36.3	1,338	3,826	35.0	33.5 36.5				
MB	237	819	28.9	25.9 32.2	242	853	28.4	25.4 31.5	252	835	30.2	27.1 33.4	261	805	32.4	29.2 35.8	274	901	30.4	27.4 33.5				
NB	162	534	30.3	26.5 34.4	157	492	31.9	27.8 36.2	186	547	34.0	30.0 38.1	158	511	30.9	26.9 35.1	133	448	29.7	25.5 34.2				
NL	87	255	34.1	28.3 40.3	104	286	36.4	30.8 42.2	87	275	31.6	26.2 37.5	72	243	29.6	24.0 35.8	79	282	28.0	22.9 33.6				
NS	231	700	33.0	29.5 36.6	238	710	33.5	30.1 37.1	225	723	31.1	27.8 34.6	228	704	32.4	28.9 36.0	206	667	30.9	27.4 34.5				
PE	37	100	37.0	27.6 47.2	33	76	43.4	32.1 55.3	31	90	34.4	24.7 45.2	32	101	31.7	22.8 41.7	41	91	45.1	34.6 55.8				
SK	179	664	27.0	23.6 30.5	155	538	28.8	25.0 32.8	186	546	34.1	30.1 38.2	173	542	31.9	28.0 36.0	164	514	31.9	27.9 36.1				

Excludes ON, QC and the territories.

RT=Radiation therapy

Data Source: Provincial cancer agencies

**Table 7b. Percentage of cancer patients receiving radiation therapy within 2 years of diagnosis by geography, by province and provinces combined – 2010**

Province	Geography																			
	Urban					Rural					Rural Remote				Rural Very Remote					
	RT Received	Diagnosed Cancers	Percent (%)	95% Confidence Interval		RT Received	Diagnosed Cancers	Percent (%)	95% Confidence Interval		RT Received	Diagnosed Cancers	Percent (%)	95% Confidence Interval		RT Received	Diagnosed Cancers	Percent (%)	95% Confidence Interval	
<b>Provinces Combined</b>	14,552	44,840	32.5	32.0	32.9	607	1,857	32.7	30.6	34.9	1,812	5,957	30.4	29.3	31.6	2,541	9,136	27.8	26.9	28.7
<b>AB</b>	3,584	11,485	31.2	30.4	32.1	127	412	30.8	26.4	35.5	375	1,246	30.1	27.6	32.7	531	1,849	28.7	26.7	30.8
<b>BC</b>	6,310	18,474	34.2	33.5	34.8	170	498	34.1	30.0	38.5	401	1,122	35.7	32.9	38.6	452	1,461	30.9	28.6	33.4
<b>MB</b>	1,268	4,216	30.1	28.7	31.5	46	153	30.1	22.9	38.0	183	606	30.2	26.6	34.0	299	1,190	25.1	22.7	27.7
<b>NB</b>	796	2,534	31.4	29.6	33.3	80	254	31.5	25.8	37.6	275	951	28.9	26.1	31.9	179	658	27.2	23.8	30.8
<b>NL</b>	429	1,342	32.0	29.5	34.5	59	170	34.7	27.6	42.4	186	619	30.0	26.5	33.8	293	1,000	29.3	26.5	32.2
<b>NS</b>	1,128	3,506	32.2	30.6	33.7	39	123	31.7	23.6	40.7	171	638	26.8	23.4	30.4	363	1,514	24.0	21.8	26.2
<b>PE</b>	174	458	38.0	33.5	42.6	39	118	33.1	24.7	42.3	61	188	32.4	25.8	39.6	21	55	38.2	25.4	52.3
<b>SK</b>	863	2,825	30.5	28.9	32.3	47	129	36.4	28.1	45.4	160	587	27.3	23.7	31.1	403	1,409	28.6	26.3	31.0

Excludes ON, QC and the territories.

RT=Radiation therapy

Data Source: Provincial cancer agencies

**Table 7c. Percentage of cancer patients receiving radiation therapy within 2 years of diagnosis by immigrant density tercile (T), by province and provinces combined – 2010**

Province	Immigrant Density Tercile (T)														
	T1-lowest				T2				T3-highest						
	RT Received	Diagnosed Cancers	Percent (%)	95% Confidence Interval		RT Received	Diagnosed Cancers	Percent (%)	95% Confidence Interval		RT Received	Diagnosed Cancers	Percent (%)	95% Confidence Interval	
<b>Provinces Combined</b>	15,310	48,951	31.3	30.9	31.7	2,872	8,779	32.7	31.7	33.7	886	2,673	33.1	31.4	35.0
<b>AB</b>	3,719	12,083	30.8	30.0	31.6	788	2,552	30.9	29.1	32.7	48	144	33.3	25.7	41.7
<b>BC</b>	4,427	13,003	34.0	33.2	34.9	1,841	5,374	34.3	33.0	35.5	830	2,499	33.2	31.4	35.1
<b>MB</b>	1,509	5,203	29.0	27.8	30.3	223	746	29.9	26.6	33.3	*	*	*	*	*
<b>NB</b>	1,324	4,351	30.4	29.1	31.8	*	*	*	*	*	0	0	-	-	-
<b>NL</b>	959	3,108	30.9	29.2	32.5	*	*	*	*	*	0	0	-	-	-
<b>NS</b>	1,682	5,694	29.5	28.4	30.7	5	38	13.2	4.4	28.1	0	0	-	-	-
<b>PE</b>	295	817	36.1	32.8	39.5	0	0	-	-	-	0	0	-	-	-
<b>SK</b>	1,395	4,692	29.7	28.4	31.1	12	48	25.0	13.6	39.6	*	*	*	*	*

\*Suppression due to small numbers or to prevent residual disclosure

RT=Radiation therapy

Excludes ON, QC and the territories

- Not applicable

Data Source: Provincial cancer agencies

**Table 7d. Percentage of cancer patients receiving radiation therapy within 2 years of diagnosis by travel time (in minutes) to the nearest radiation treatment facility, by province and provinces combined – 2010**

Province	Travel time (in minutes) to the nearest radiation treatment facility											
	0-39 minutes			40-89 minutes			90-179 minutes			180+ minutes		
	RT Received	Diagnosed	Percent (%)	RT Received	Diagnosed	Percent (%)	RT Received	Diagnosed	Percent (%)	RT Received	Diagnosed	Percent (%)
<b>Provinces Combined</b>	11,659	35,660	32.7	2,735	8,846	30.9	3,154	10,518	30.0	1,868	6,469	28.9
<b>AB</b>	3,074	9,772	31.5	637	2,094	30.4	600	2,240	26.8	296	853	34.7
<b>BC</b>	4,780	13,833	34.6	661	1,884	35.1	1,098	3,057	35.9	718	2,567	28.0
<b>MB</b>	1,219	4,067	30.0	307	1,081	28.4	171	685	25.0	87	294	29.6
<b>NB</b>	582	1,835	31.7	288	960	30.0	335	1,099	30.5	129	502	25.7
<b>NL</b>	322	977	33.0	117	356	32.9	84	248	33.9	443	1,547	28.6
<b>NS</b>	869	2,656	32.7	404	1,384	29.2	347	1,468	23.6	81	273	29.7
<b>PE</b>	176	459	38.3	96	286	33.6	23	74	31.1	0	0	0.0
<b>SK</b>	637	2,061	30.9	225	801	28.1	496	1,647	30.1	114	433	26.3

RT=Radiation therapy

Excludes ON, QC and the territories.

Data Source: Provincial cancer agencies

**Table 8a Percentage of patients starting radiation treatment within target timeframe for all cancers combined, lung and prostate cancers, by neighbourhood income quintile (urban population), by province**

Cancer	Province	Q1-lowest			Q2			Q3			Q4			Q5-highest		
		Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)
ALL	Provinces Combined <sup>1</sup>	4,021	4,272	94.1	4,192	4,413	95.0	4,171	4,410	94.6	4,281	4,527	94.6	4,235	4,505	94.0
	AB	965	1,013	95.3	1,070	1,116	95.9	1,064	1,126	94.5	1,077	1,131	95.2	1,070	1,121	95.5
	BC	1,830	1,958	93.5	1,869	1,998	93.5	1,845	1,938	95.2	1,856	1,978	93.8	1,925	2,076	92.7
	MB	359	365	98.4	400	402	99.5	377	381	99.0	445	447	99.6	423	425	99.5
	NB	217	242	89.7	207	216	95.8	243	267	91.0	223	240	92.9	209	224	93.3
	NL	128	131	97.7	157	161	97.5	114	116	98.3	125	127	98.4	138	146	94.5
	NS	239	274	87.2	243	270	90.0	293	342	85.7	297	340	87.4	259	296	87.5
	PE	41	42	97.6	45	47	95.7	38	39	97.4	38	39	97.4	38	40	95.0
	SK	242	247	98.0	201	203	99.0	197	201	98.0	220	225	97.8	173	177	97.7
	LUNG	Provinces Combined	890	903	98.6	850	859	99.0	750	767	97.8	701	707	99.2	558	568
AB		197	200	98.5	204	205	99.5	174	181	96.1	162	162	100.0	140	144	97.2
BC		418	422	99.1	384	387	99.2	342	345	99.1	314	314	100.0	265	266	99.6
MB		94	95	98.9	83	83	100.0	58	58	100.0	77	77	100.0	47	48	97.9
NB		53	54	98.1	52	52	100.0	53	54	98.1	37	39	94.9	26	26	100.0
NL		24	24	100.0	38	40	95.0	26	26	100.0	25	25	100.0	25	27	92.6
NS		60	64	93.8	52	55	94.5	65	71	91.5	54	58	93.1	39	41	95.1
PE		10	10	100.0	14	14	100.0	8	8	100.0	6	6	100.0	6	6	100.0
SK		34	34	100.0	23	23	100.0	24	24	100.0	26	26	100.0	10	10	100.0
PROSTATE		Provinces Combined	459	549	83.6	514	607	84.7	526	611	86.1	552	666	82.9	578	700
	AB	112	142	78.9	134	162	82.7	159	197	80.7	142	182	78.0	136	175	77.7
	BC	219	258	84.9	234	283	82.7	218	250	87.2	251	304	82.6	283	347	81.6



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Cancer	Province	Q1-lowest			Q2			Q3			Q4			Q5-highest		
		Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)
	MB	37	40	92.5	43	44	97.7	47	50	94.0	44	46	95.7	53	54	98.1
	NB	26	35	74.3	13	18	72.2	25	27	92.6	31	37	83.8	28	34	82.4
	NL	21	23	91.3	22	23	95.7	20	21	95.2	20	22	90.9	21	22	95.5
	NS	*	*	*	41	47	87.2	34	40	85.0	*	*	*	*	*	*
	PE	*	*	*	7	7	100.0	6	6	100.0	*	*	*	*	*	*
	SK	25	29	86.2	20	23	87.0	17	20	85.0	25	28	89.3	13	17	76.5

\*Suppression due to small numbers or to prevent residual disclosure

<sup>1</sup>Percentages for 'provinces combined' differ from those reported in *Examining Disparities in Cancer Control: A System Performance Special Focus Report* as data for NL were added after the publication of the report.

Excludes ON, QC and the territories.

Income quintiles include only people living in urban centres as defined by Statistics Canada.

Radiation therapy wait time target is 28 days from ready to treat to start of treatment.

Data Source: Provincial cancer agencies

**Table 8b Percentage of patients starting radiation treatment within target timeframe for all cancers combined, lung and prostate cancers by geography, by province and provinces combined – 2012**

Cancer	Province	Urban			Rural			Rural Remote			Rural Very Remote		
		Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)
ALL	Provinces Combined <sup>1</sup>	21,024	22,255	94.5	842	909	92.6	2,484	2,629	94.5	3,446	3,646	94.5
	AB	5,250	5,511	95.3	161	170	94.7	511	531	96.2	736	760	96.8
	BC	9,430	10,057	93.8	268	299	89.6	488	520	93.8	568	617	92.1
	MB	2,006	2,021	99.3	84	84	100.0	252	254	99.2	513	517	99.2
	NB	1,099	1,189	92.4	121	133	91.0	427	474	90.1	251	265	94.7
	NL	662	681	97.2	76	76	100.0	302	309	97.7	409	425	96.2
	NS	1,333	1,525	87.4	39	53	73.6	205	235	87.2	466	543	85.8
	PE	200	207	96.6	45	45	100.0	90	93	96.8	24	24	100.0
	SK	1,044	1,064	98.1	48	49	98.0	209	213	98.1	479	495	96.8
	LUNG	Provinces Combined	3,774	3,829	98.6	153	156	98.1	528	542	97.4	636	650
AB		877	892	98.3	19	20	95.0	88	88	100.0	112	114	98.2
BC		1,746	1,757	99.4	58	58	100.0	102	103	99.0	124	124	100.0
MB		359	361	99.4	11	11	100.0	42	43	97.7	92	92	100.0
NB		221	225	98.2	27	27	100.0	113	118	95.8	55	55	100.0
NL		138	142	97.2	16	16	100.0	81	81	100.0	87	90	96.7
NS		271	290	93.4	*	*	*	57	64	89.1	112	121	92.6
PE		44	44	100.0	12	12	100.0	21	21	100.0	7	7	100.0
SK		118	118	100.0	*	*	*	24	24	100.0	47	47	100.0
PROSTATE		Provinces Combined	2,645	3,153	83.9	116	142	81.7	404	464	87.1	510	594
	AB	685	860	79.7	24	29	82.8	79	95	83.2	111	121	91.7
	BC	1,217	1,457	83.5	43	53	81.1	84	101	83.2	95	121	78.5

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Cancer	Province	Urban			Rural			Rural Remote			Rural Very Remote		
		Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)
	MB	224	234	95.7	11	11	100.0	46	47	97.9	76	79	96.2
	NB	123	151	81.5	20	25	80.0	76	92	82.6	34	41	82.9
	NL	104	111	93.7	7	7	100.0	48	50	96.0	78	86	90.7
	NS	172	201	85.6	*	*	*	32	35	91.4	64	83	77.1
	PE	18	20	90.0	5	5	100.0	11	13	84.6	7	7	100.0
	SK	102	119	85.7	*	*	*	28	31	90.3	45	56	80.4

\*Suppression due to small numbers or to prevent residual disclosure

<sup>†</sup>Percentages for 'provinces combined' differ from those reported in *Examining Disparities in Cancer Control: A System Performance Special Focus Report* as data for NL were added after the publication of the report.

Excludes ON, QC and the territories.

Radiation therapy wait time target is 28 days from ready to treat to start of treatment.

Data Source: Provincial cancer agencies

**Table 8c Percentage of patients starting radiation treatment within target timeframe for all cancers combined, lung and prostate cancers by immigrant density tercile (T), by province and provinces combined - 2012**

Cancer	Province	T1-lowest			T2			T3-highest		
		Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)
ALL	Provinces Combined <sup>l</sup>	21,550	22,862	94.3	4,210	4,442	94.8	1,401	1,466	95.6
	AB	5,403	5,650	95.6	1,095	1,157	94.6	71	73	97.3
	BC	6,365	6,853	92.9	2,731	2,896	94.3	1,310	1,373	95.4
	MB	2,398	2,416	99.3	357	360	99.2	20	20	100.0
	NB	1,887	2,048	92.1	*	*	*	0	0	.
	NL	1,443	1,485	97.2	.	0	.	.	0	.
	NS	2,015	2,324	86.7	*	*	*	0	0	.
	PE	358	368	97.3	0	0	.	0	0	.
	SK	1,681	1,718	97.8	16	16	100.0	0	0	.
LUNG	Provinces Combined	4,062	4,140	98.1	676	684	98.8	242	242	100.0
	AB	909	924	98.4	174	177	98.3	*	*	*
	BC	1,283	1,291	99.4	434	438	99.1	239	239	100.0
	MB	429	431	99.5	65	66	98.5	*	*	*
	NB	412	421	97.9	*	*	*	0	0	.
	NL	320	327	97.9	.	0	.	.	0	.
	NS	437	474	92.2	*	*	*	0	0	.
	PE	84	84	100.0	0	0	.	0	0	.
	SK	188	188	100.0	0	0	.	0	0	.
PROSTATE	Provinces Combined	2,885	3,430	84.1	527	626	84.2	166	188	88.3
	AB	725	890	81.5	146	186	78.5	*	*	*

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Cancer	Province	T1-lowest			T2			T3-highest		
		Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)	Within Target	Received RT	Percent (%)
	BC	881	1,088	81.0	350	408	85.8	153	175	87.4
	MB	319	333	95.8	25	25	100.0	*	*	*
	NB	251	306	82.0	0	0	.	0	0	.
	NL	234	251	93.2	.	0	.	.	0	.
	NS	270	324	83.3	*	*	*	0	0	.
	PE	40	44	90.9	0	0	.	0	0	.
	SK	165	194	85.1	*	*	*	0	0	.

\*Suppression due to small numbers or to prevent residual disclosure

. Not applicable

<sup>l</sup> Percentages for 'provinces combined' differ from those reported in *Examining Disparities in Cancer Control: A System Performance Special Focus Report* as data for NL were added after the publication of the report.

Excludes ON, QC and the territories.

Radiation therapy wait time target is 28 days from ready to treat to start of treatment.

Data Source: Provincial cancer agencies

**Table 8d Percentage of patients starting radiation treatment within target timeframe for all cancers combined, lung and prostate cancers by travel time (in minutes) to the nearest radiation treatment facility, by province and provinces combined - 2012**

		Travel time to the nearest radiation treatment facility											
		0-39 minutes			40-89 minutes			90-179 minutes			180+ minutes		
Cancer	Province	Target	Total	Percent (%)	Target	Total	Percent (%)	Target	Total	Percent (%)	Target	Total	Percent (%)
ALL	Provinces Combined <sup>1</sup>	16,980	17,907	94.8	3,717	3,954	94.0	4,252	4,583	92.8	2,565	2,704	94.9
	AB	4,516	4,729	95.5	909	952	95.5	850	890	95.5	366	384	95.3
	BC	7,156	7,598	94.2	899	969	92.8	1,474	1,630	90.4	994	1,058	94.0
	MB	1,950	1,964	99.3	455	459	99.1	302	305	99.0	125	125	100.0
	NB	802	869	92.3	424	458	92.6	461	507	90.9	211	227	93.0
	NL	532	548	97.1	166	169	98.2	115	117	98.3	635	656	96.8
	NS	1,022	1,170	87.4	456	534	85.4	473	543	87.1	85	100	85.0
	PE	221	230	96.1	114	115	99.1	24	24	100.0	0	0	0.0
	SK	781	799	97.7	294	298	98.7	553	567	97.5	149	154	96.8
LUNG	Provinces Combined	2,953	2,991	98.7	694	718	96.7	848	866	97.9	550	556	98.9
	AB	732	743	98.5	139	142	97.9	161	165	97.6	60	60	100.0
	BC	1,260	1,267	99.4	193	195	99.0	310	312	99.4	231	232	99.6
	MB	345	347	99.4	70	71	98.6	61	61	100.0	24	24	100.0
	NB	179	181	98.9	82	87	94.3	99	101	98.0	56	56	100.0
	NL	106	110	96.4	42	42	100.0	*	*	*	146	149	98.0
	NS	190	202	94.1	115	128	89.8	121	131	92.4	20	22	90.9
	PE	50	50	100.0	31	31	100.0	*	*	*	0	0	0.0
	SK	91	91	100.0	22	22	100.0	65	65	100.0	13	13	100.0
PROSTATE	Provinces Combined	2,087	2,463	84.7	550	636	86.5	601	740	81.2	395	466	84.8
	AB	570	713	79.9	160	191	83.8	116	134	86.6	53	67	79.1

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		Travel time to the nearest radiation treatment facility											
		0-39 minutes			40-89 minutes			90-179 minutes			180+ minutes		
Cancer	Province	Target	Total	Percent (%)	Target	Total	Percent (%)	Target	Total	Percent (%)	Target	Total	Percent (%)
	BC	895	1,052	85.1	138	168	82.1	217	288	75.3	157	186	84.4
	MB	216	225	96.0	69	71	97.2	48	51	94.1	17	17	100.0
	NB	100	120	83.3	57	63	90.5	69	92	75.0	27	34	79.4
	NL	78	83	94.0	21	22	95.5	18	18	100.0	119	130	91.5
	NS	130	152	85.5	68	82	82.9	65	80	81.3	8	13	61.5
	PE	23	27	85.2	8	8	100.0	10	10	100.0	0	0	0.0
	SK	75	91	82.4	29	31	93.5	58	67	86.6	14	19	73.7

\*Suppression due to small numbers or to prevent residual disclosure  
 Excludes ON, QC and the territories.  
 Radiation therapy wait time target is 28 days from ready to treat to start of treatment.  
 Data Source: Provincial cancer agencies

**Table 9a. Median and 90th Percentile wait time (days) for radiation therapy for all cancers combined, lung and prostate cancers by neighbourhood income quintile (urban population), by province and provinces combined – 2012**

		Neighbourhood Income Quintile (Q)									
		Q1-lowest		Q2		Q3		Q4		Q5-highest	
Cancer	Province	Median	90th	Median	90th	Median	90th	Median	90th	Median	90th
<b>ALL CANCERS</b>	<b>AB</b>	8.0	23.0	7.0	23.0	7.0	24.0	7.0	22.0	7.0	22.0
	<b>BC</b>	8.0	22.0	8.0	22.0	8.0	21.0	8.0	21.0	7.0	23.0
	<b>MB</b>	6.0	21.0	6.5	21.0	7.0	23.0	6.0	22.0	7.0	24.0
	<b>NB</b>	11.0	29.0	8.0	24.0	7.0	28.0	8.0	23.0	10.0	25.0
	<b>NL</b>	6.0	18.0	6.0	18.0	3.0	20.0	3.0	18.0	3.0	20.0
	<b>NS</b>	11.0	31.0	12.0	28.5	13.0	30.0	8.0	31.0	12.5	31.0
	<b>PE</b>	12.5	24.0	14.0	24.0	15.0	24.0	11.0	22.0	14.0	21.0
	<b>SK</b>	3.0	14.0	3.0	13.0	5.0	14.0	2.0	15.0	6.0	19.0
<b>LUNG</b>	<b>AB</b>	6.0	19.0	5.0	18.0	6.0	21.0	5.0	16.0	5.0	16.0
	<b>BC</b>	5.0	15.0	5.0	16.0	5.0	15.0	5.0	17.0	5.0	14.0
	<b>MB</b>	4.0	14.0	5.0	20.0	4.0	19.0	4.0	19.0	4.0	14.0
	<b>NB</b>	5.0	15.0	6.0	20.0	4.5	20.0	7.0	20.0	10.0	18.0
	<b>NL</b>	5.5	18.0	5.0	15.0	3.0	17.0	1.0	20.0	2.0	21.0
	<b>NS</b>	11.0	25.0	10.0	24.0	8.0	27.0	7.0	23.0	8.0	21.0
	<b>PE</b>	12.0	24.5	7.5	18.0	1.5	23.0	5.0	19.0	5.0	16.0
	<b>SK</b>	2.5	12.0	5.0	11.0	4.0	16.0	4.0	11.0	2.0	9.5
<b>PROSTATE</b>	<b>AB</b>	13.0	46.0	7.0	46.0	7.0	53.0	8.0	54.0	10.0	57.0
	<b>BC</b>	12.0	35.0	13.0	37.0	12.0	32.0	13.0	37.0	14.0	36.0
	<b>MB</b>	12.0	28.0	18.0	28.0	18.0	27.0	16.0	27.0	20.0	28.0
	<b>NB</b>	14.0	39.0	14.0	37.0	8.0	25.0	8.0	46.0	12.5	39.0
	<b>NL</b>	4.0	19.0	8.0	26.0	5.0	25.0	7.0	28.0	14.0	27.0
	<b>NS</b>	3.5	34.5	7.0	34.0	11.0	31.0	6.0	35.0	8.0	35.0
	<b>PE</b>	16.0	24.0	15.0	28.0	20.5	22.0	23.5	46.0	21.0	30.0
	<b>SK</b>	11.0	41.0	9.0	30.0	0.5	50.0	0.0	30.0	15.0	56.0

Excludes ON, QC and the territories.



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See Technical Appendix for more details  
Data Source: Provincial cancer agencies

**Table 9b. Median and 90th Percentile wait time (days) for radiation therapy for all cancers combined, lung and prostate cancers by geography, by province and provinces combined – 2012**

		Geography							
		Rural		Rural Remote		Rural Very Remote		Urban	
Cancer	Province	Median	90th	Median	90th	Median	90th	Median	90th
<b>ALL CANCERS</b>	<b>AB</b>	8.0	25.0	6.0	21.0	7.0	22.0	7.0	23.0
	<b>BC</b>	8.0	27.0	8.0	25.0	8.0	25.0	8.0	22.0
	<b>MB</b>	6.0	22.0	6.5	22.0	7.0	23.0	7.0	22.0
	<b>NB</b>	8.0	28.0	8.0	28.0	7.0	22.0	9.0	26.0
	<b>NL</b>	4.0	16.0	3.0	18.0	5.0	21.0	3.0	19.0
	<b>NS</b>	15.0	40.0	11.0	29.0	12.0	32.0	12.0	31.0
	<b>PE</b>	12.0	22.0	13.0	22.0	13.5	21.0	13.0	23.0
	<b>SK</b>	3.0	18.0	3.0	14.0	5.0	18.0	4.0	15.0
<b>LUNG</b>	<b>AB</b>	10.0	25.0	5.0	18.0	4.5	15.0	5.0	18.0
	<b>BC</b>	5.0	19.0	4.0	18.0	3.0	14.0	5.0	15.0
	<b>MB</b>	5.0	6.0	4.0	21.0	5.0	20.0	4.0	17.0
	<b>NB</b>	5.0	17.0	3.0	18.0	4.0	20.0	6.0	18.0
	<b>NL</b>	4.0	10.0	3.0	15.0	5.0	19.0	3.0	18.0
	<b>NS</b>	21.0	41.0	11.0	31.0	8.0	25.0	8.0	25.0
	<b>PE</b>	7.0	21.0	9.0	19.0	11.0	15.0	6.5	20.0
	<b>SK</b>	0.0	13.0	2.0	14.0	5.0	11.0	4.0	12.0
<b>PROSTATE</b>	<b>AB</b>	7.0	54.0	6.0	35.0	6.0	26.0	8.0	53.0
	<b>BC</b>	14.0	37.0	14.0	40.0	15.0	36.0	13.0	36.0
	<b>MB</b>	21.0	27.0	7.0	27.0	17.0	28.0	17.0	28.0
	<b>NB</b>	12.0	36.0	11.0	40.0	12.0	34.0	11.0	37.0
	<b>NL</b>	0.0	18.0	7.0	22.0	14.0	27.0	7.0	27.0
	<b>NS</b>	35.0	50.0	2.0	27.0	13.0	37.0	7.0	34.0
	<b>PE</b>	18.0	28.0	13.0	29.0	20.0	27.0	20.0	29.0
	<b>SK</b>	13.5	49.0	10.0	28.0	7.0	40.0	5.0	40.0

Excludes ON, QC and the territories.

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Data Source: Provincial cancer agencies

**Table 9c. Median and 90th Percentile wait time (days) for radiation therapy for all cancers combined, lung and prostate cancers by immigrant density tercile (T), by province and provinces combined – 2012**

		Immigrant Density Tercile (T)					
		T1-lowest		T2		T3-highest	
Cancer	Province	Median	90th	Median	90th	Median	90th
<b>ALL CANCERS</b>	AB	7.0	22.0	8.0	25.0	7.0	23.0
	BC	8.0	24.0	8.0	21.0	8.0	21.0
	MB	7.0	22.0	6.0	21.0	13.0	25.0
	NB	8.0	26.0	.	.	.	.
	NL	4.0	19.0	.	.	.	.
	NS	12.0	31.0	14.5	30.0	.	.
	PE	13.0	22.0	.	.	.	.
	SK	4.0	15.0	5.0	16.0	.	.
	<b>LUNG</b>	AB	5.0	18.0	6.0	20.0	*
BC		5.0	17.0	6.0	15.0	5.0	15.0
MB		4.0	19.0	5.0	15.0	7.0	7.0
NB		4.0	18.0	.	.	.	.
NL		4.0	17.0	.	.	.	.
NS		9.0	26.0	7.5	15.0	.	.
PE		7.0	20.0	.	.	.	.
SK		3.5	12.0	.	.	.	.
<b>PROSTATE</b>		AB	7.0	47.0	14.0	54.0	12.5
	BC	14.0	37.0	12.0	36.0	14.0	30.0
	MB	16.0	28.0	19.0	28.0	26.0	26.0
	NB	11.0	37.0	.	.	.	.
	NL	8.0	26.0	.	.	.	.
	NS	8.0	35.0	20.5	35.0	.	.
	PE	18.0	28.0	.	.	.	.
	SK	7.0	38.0	7.0	19.0	.	.

\*Suppressed due to small numbers

. Not available

Excludes ON, QC and the territories.  
Data Source: Provincial cancer agencies

**Table 9d. Median and 90th Percentile wait time (days) for radiation therapy for all cancers combined, lung and prostate cancers by travel time (in minutes) to the nearest radiation treatment facility, by province and provinces combined – 2012**

		Travel time to the nearest radiation treatment facility								
		0-39 minutes		40-89 minutes		90-179 minutes		180+ minutes		
Cancer	Province	Median	90 <sup>th</sup>	Median	90 <sup>th</sup>	Median	90 <sup>th</sup>	Median	90 <sup>th</sup>	
ALL	AB	7.0	23.0	7.0	22.0	7.0	23.0	6.0	25.0	
	BC	8.0	21.0	7.0	25.0	8.0	27.0	8.0	23.0	
	MB	7.0	22.0	6.0	23.0	7.0	23.0	7.0	22.0	
	NB	8.0	27.0	9.0	26.0	8.0	27.0	7.0	21.0	
	NL	5.0	19.0	4.0	18.0	4.0	20.0	3.0	19.0	
	NS	12.0	30.5	11.0	31.0	12.0	31.0	12.5	32.5	
	PE	13.0	23.0	13.0	21.0	14.0	23.0	.	.	
	SK	4.0	15.0	3.0	14.0	5.0	16.0	3.5	18.0	
	LUNG	AB	5.0	18.0	6.0	16.0	6.0	19.0	2.5	13.0
		BC	5.0	15.0	5.0	19.0	4.0	18.0	3.0	15.0
MB		4.0	18.0	6.0	21.0	5.0	20.0	5.0	15.0	
NB		5.0	17.0	7.0	21.0	3.0	18.0	4.0	13.0	
NL		3.0	18.0	5.0	15.0	6.0	18.0	3.0	15.0	
NS		8.5	23.0	11.0	29.0	8.0	24.0	8.0	25.0	
PE		7.0	20.0	7.0	21.0	11.0	13.0	.	.	
SK	3.0	11.0	3.0	13.0	5.0	13.0	2.0	9.0		
PROSTATE	AB	8.0	53.0	7.0	39.0	6.5	32.0	12.0	60.0	
	BC	13.0	36.0	12.0	38.0	16.0	38.0	16.0	33.0	
	MB	17.0	28.0	16.0	27.0	12.0	27.0	9.0	28.0	
	NB	10.5	36.5	10.0	24.0	12.0	46.0	12.5	46.0	
	NL	7.0	26.0	7.0	19.0	3.0	24.0	11.0	27.0	
	NS	8.0	35.0	8.0	35.0	8.5	34.0	22.0	46.0	
	PE	20.0	30.0	13.0	19.0	17.0	25.0	.	.	
SK	5.0	40.0	8.0	26.0	8.0	37.0	6.0	48.0		

. Not available  
Excludes ON, QC and the territories.  
Data Source: Provincial cancer agencies

**Table 10a. Percentage of breast cancer resections that are mastectomies by neighbourhood income quintile (urban population), by province - 2007/08 to 2011/12 combined**

Province <sup>†</sup>	Neighbourhood income quintile (Q)																			
	Q1-Lowest				Q2				Q3				Q4				Q5-Highest			
	Mastectomy	BCS or mastectomy <sup>‡</sup> %	95% CI	Mastectomy	BCS or mastectomy <sup>‡</sup> %	95% CI	Mastectomy	BCS or mastectomy <sup>‡</sup> %	95% CI	Mastectomy	BCS or mastectomy <sup>‡</sup> %	95% CI	Mastectomy	BCS or mastectomy <sup>‡</sup> %	95% CI	Mastectomy	BCS or mastectomy <sup>‡</sup> %	95% CI		
<b>Provinces Combined</b>	3,255	8,161	39.9	38.8, 41.0	3,575	9,239	38.7	37.7, 39.7	3,459	9,423	36.7	35.7, 37.7	3,662	9,926	36.9	35.9, 37.9	3,667	10,301	35.6	34.7, 36.5
<b>BC</b>	552	1,180	46.8	43.9, 49.7	654	1,328	49.2	46.5, 52.0	618	1,367	45.2	42.5, 47.9	613	1,351	45.4	42.7, 48.1	580	1,464	39.6	37.1, 42.2
<b>AB</b>	426	688	61.9	58.2, 65.6	455	818	55.6	52.1, 59.1	443	803	55.2	51.7, 58.6	443	861	51.5	48.1, 54.8	479	942	50.8	47.6, 54.1
<b>SK</b>	126	214	58.9	52.0, 65.5	118	184	64.1	56.7, 71.1	123	185	66.5	59.2, 73.2	145	211	68.7	62.0, 74.9	109	204	53.4	46.3, 60.4
<b>MB</b>	74	226	32.7	26.7, 39.3	99	309	32.0	26.9, 37.6	80	268	29.9	24.4, 35.7	108	305	35.4	30.0, 41.1	104	302	34.4	29.1, 40.1
<b>ON</b>	1,221	3,204	38.1	36.4, 39.8	1,310	3,593	36.5	34.9, 38.1	1,304	3,741	34.9	33.3, 36.4	1,497	4,182	35.8	34.3, 37.3	1,549	4,389	35.3	33.9, 36.7
<b>QC</b>	613	2,204	27.8	26.0, 29.7	664	2,492	26.6	24.9, 28.4	632	2,525	25.0	23.4, 26.8	590	2,463	24.0	22.3, 25.7	578	2,449	23.6	21.9, 25.3
<b>NB</b>	84	158	53.2	45.1, 61.1	80	168	47.6	39.9, 55.5	76	184	41.3	34.1, 48.8	78	173	45.1	37.5, 52.8	71	175	40.6	33.2, 48.2
<b>NS</b>	98	177	55.4	47.7, 62.8	124	243	51.0	44.6, 57.5	120	227	52.9	46.1, 59.5	137	271	50.6	44.4, 56.7	118	238	49.6	43.1, 56.1
<b>PE</b>	14	35	40.0	23.9, 57.9	12	23	52.2	30.6, 73.2	15	32	46.9	29.1, 65.3	15	37	40.5	24.8, 57.9	16	35	45.7	28.8, 63.4
<b>NL</b>	47	75	62.7	50.7, 73.6	59	81	72.8	61.8, 82.1	48	91	52.7	42.0, 63.3	36	72	50.0	38.0, 62.0	63	103	61.2	51.1, 70.6

The Territories are excluded from the analysis due to small sample size.

Data for AB are for 2007/08 to 2009/10

<sup>‡</sup>BCS stands for breast conserving surgery

Mastectomy rates include women who receive a mastectomy first as well as women who receive breast conserving surgery first followed by a mastectomy within one year.

Data sources: Hospital Morbidity Database, Canadian Institute for Health Information

National Ambulatory Care Reporting System, Canadian Institute for Health Information

Fichier des hospitalisations MED-ÉCHO, Ministère de la Santé et des Services Sociaux du Québec

Alberta Ambulatory Care Reporting System.



**Table 10b. Percentage of breast cancer resections that are mastectomies by geography and by province -2007/08 to 2011/12 combined**

Province	Geography																			
	Urban				Rural					Rural-Remote					Rural-Very Remote					
	Mastectomy	BCS or mastectomy <sup>†</sup>	%	95% CI		Mastectomy	BCS or mastectomy <sup>†</sup>	%	95% CI		Mastectomy	BCS or mastectomy <sup>†</sup>	%	95% CI		Mastectomy	BCS or mastectomy <sup>†</sup>	%	95% CI	
<b>Provinces Combined</b>	17,718	47,279	37.5	37.0	37.9	995	2,589	38.4	36.6	40.3	1,816	4,329	41.9	40.5	43.4	2,158	4,127	52.3	50.8	53.8
<b>BC</b>	3,047	6,743	45.2	44.0	46.4	96	203	47.3	40.3	54.4	143	340	42.1	36.8	47.5	256	449	57.0	52.3	61.6
<b>AB</b>	2,250	4,122	54.6	53.1	56.1	89	144	61.8	53.3	69.8	233	399	58.4	53.4	63.3	353	591	59.7	55.7	63.7
<b>SK</b>	622	1,002	62.1	59.0	65.1	26	42	61.9	45.6	76.4	104	158	65.8	57.9	73.2	298	468	63.7	59.1	68.0
<b>MB</b>	466	1,414	33.0	30.5	35.5	12	46	26.1	14.3	41.1	62	176	35.2	28.2	42.8	156	356	43.8	38.6	49.1
<b>ON</b>	6,902	19,177	36.0	35.3	36.7	445	1,111	40.1	37.2	43.0	477	1,054	45.3	42.2	48.3	257	514	50.0	45.6	54.4
<b>QC</b>	3,082	12,157	25.4	24.6	26.1	210	838	25.1	22.2	28.1	385	1,523	25.3	23.1	27.5	249	772	32.3	29.0	35.7
<b>NB</b>	389	858	45.3	42.0	48.7	41	79	51.9	40.4	63.3	127	263	48.3	42.1	54.5	89	194	45.9	38.7	53.2
<b>NS</b>	598	1,159	51.6	48.7	54.5	22	44	50.0	34.6	65.4	116	188	61.7	54.3	68.7	253	439	57.6	52.9	62.3
<b>PE</b>	72	162	44.4	36.6	52.4	20	37	54.1	36.9	70.5	34	61	55.7	42.4	68.5	9	16	56.3	29.9	80.2
<b>NL</b>	253	422	60.0	55.1	64.7	34	45	75.6	60.5	87.1	135	167	80.8	74.0	86.5	201	270	74.4	68.8	79.5
<b>Territories</b>	37	63	58.7	45.6	71.0	0	0	-	-	-	0	0	-	-	-	37	58	63.8	50.1	76.0

-Not applicable

Data for AB are for 2007/08 to 2009/10

<sup>†</sup>BCS stands for breast conserving surgery

Mastectomy rates include women who receive a mastectomy first as well as women who receive breast conserving surgery first followed by a mastectomy within one year.

Data sources: Hospital Morbidity Database, Canadian Institute for Health Information

National Ambulatory Care Reporting System, Canadian Institute for Health Information

Fichier des hospitalisations MED-ÉCHO, Ministère de la Santé et des Services Sociaux du Québec

Alberta Ambulatory Care Reporting System.

**Table 10c. Percentage of breast cancer resections that are mastectomies by immigrant density tercile (T) and by province -2007/08 to 2011/12 combined**

Province <sup>†</sup>	Immigrant density tercile (T)														
	T1-Lowest					T2					T3-Highest				
	Mastectomy	BCS or mastectomy <sup>‡</sup>	%	95% CI		Mastectomy	BCS or mastectomy <sup>‡</sup>	%	95% CI		Mastectomy	BCS or mastectomy <sup>‡</sup>	%	95% CI	
<b>Provinces Combined</b>	13,432	29,195	46.0	45.4	46.6	3,389	8,653	39.2	38.1	40.2	1,635	4,547	36.0	34.6	37.4
<b>BC</b>	2,039	4,399	46.4	44.9	47.8	917	2,111	43.4	41.3	45.6	471	1,008	46.7	43.6	49.9
<b>AB</b>	2,354	4,192	56.2	54.6	57.7	511	940	54.4	51.1	57.6	*	*	*	*	*
<b>SK</b>	1,008	1,606	62.8	60.3	65.1	*	*	*	*	*	0	0	-	-	-
<b>MB</b>	595	1,694	35.1	32.8	37.5	*	*	*	*	*	*	*	*	*	*
<b>ON</b>	4,997	12,834	38.9	38.1	39.8	1,864	5,340	34.9	33.6	36.2	1,138	3,478	32.7	31.2	34.3
<b>Atlantic</b>	71	116	61.2	51.7	70.1	0	0	-	-	-	0	0	-	-	-
<b>Territories</b>	2,368	4,354	54.4	52.9	55.9	7	16	43.8	19.8	70.1	0	0	-	-	-

-Not applicable

Excludes QC

Data for AB are for 2007/08 to 2009/10

Atlantic includes NB, NS, PE and NL

\*Suppressed due to small numbers or to prevent residual disclosure

<sup>‡</sup>BCS stands for breast conserving surgery

Mastectomy rates include women who receive a mastectomy first as well as women who receive breast conserving surgery first followed by a mastectomy within one year.

Data sources: Hospital Morbidity Database, Canadian Institute for Health Information

National Ambulatory Care Reporting System, Canadian Institute for Health Information

Fichier des hospitalisations MED-ÉCHO, Ministère de la Santé et des Services Sociaux du Québec

Alberta Ambulatory Care Reporting System.

**Table 10d. Percentage of breast cancer resections that are mastectomies by travel time to the nearest radiation treatment facility and by province -2007/08 to 2011/12 combined**

Province <sup>†</sup>	Travel time to the nearest radiation treatment facility															
	0-39 minutes				40-89 minutes				90-179 minutes				180+ minutes			
	Mastectomy	BCS or mastectomy <sup>‡</sup>	%	95% CI	Mastectomy	BCS or mastectomy <sup>‡</sup>	%	95% CI	Mastectomy	BCS or mastectomy <sup>‡</sup>	%	95% CI	Mastectomy	BCS or mastectomy <sup>‡</sup>	%	95% CI
<b>Provinces Combined</b>	10,330	25,614	40.3	39.7, 40.9	3,147	7,420	42.4	41.3, 43.5	2,774	5,437	51.0	49.7, 52.4	2,311	4,133	55.9	54.4, 57.4
<b>BC</b>	2,197	4,883	45.0	43.6, 46.4	319	738	43.2	39.6, 46.9	293	745	39.3	35.8, 42.9	629	1,148	54.8	51.9, 57.7
<b>AB</b>	1,501	2,834	53.0	51.1, 54.8	483	921	52.4	49.2, 55.7	523	820	63.8	60.4, 67.1	402	658	61.1	57.3, 64.8
<b>SK</b>	451	697	64.7	61.0, 68.3	107	175	61.1	53.5, 68.4	304	488	62.3	57.8, 66.6	188	304	61.8	56.1, 67.3
<b>MB</b>	388	1,209	32.1	29.5, 34.8	85	236	36.0	29.9, 42.5	81	212	38.2	31.6, 45.1	139	312	44.6	39.0, 50.3
<b>ON</b>	5,008	14,353	34.9	34.1, 35.7	1,826	4,730	38.6	37.2, 40.0	948	2,141	44.3	42.2, 46.4	278	572	48.6	44.4, 52.8
<b>NB</b>	207	460	45.0	40.4, 49.7	97	199	48.7	41.6, 55.9	122	245	49.8	43.4, 56.2	216	483	44.7	40.2, 49.3
<b>NS</b>	354	738	48.0	44.3, 51.6	143	284	50.4	44.4, 56.3	390	633	61.6	57.7, 65.4	99	169	58.6	50.8, 66.1
<b>PE</b>	62	145	42.8	34.6, 51.2	33	67	49.3	36.8, 61.8	31	51	60.8	46.1, 74.2	9	13	69.2	38.6, 90.9
<b>NL</b>	162	295	54.9	49.0, 60.7	54	70	77.1	65.6, 86.3	82	102	80.4	71.4, 87.6	309	410	75.4	70.9, 79.5
<b>Territories</b>	0	0	-	-	0	0	-	-	0	0	-	-	42	64	65.6	52.7, 77.1

-Not applicable

Excludes QC

Data for AB are for 2007/08 to 2009/10

<sup>‡</sup>BCS stands for breast conserving surgery

Mastectomy rates Include women who receive a mastectomy first as well as women who receive breast conserving surgery first followed by a mastectomy within one year.

Data sources: Hospital Morbidity Database, Canadian Institute for Health Information

National Ambulatory Care Reporting System, Canadian Institute for Health Information

Fichier des hospitalisations MED-ÉCHO, Ministère de la Santé et des Services Sociaux du Québec

Alberta Ambulatory Care Reporting System.

**Table 11a. Percentage of rectal cancer resections that include a permanent colostomy, by neighbourhood income quintile (urban population), 2007/08 to 2011/12 combined**

Province	Neighbourhood Income Quintile (Q)																								
	Q1-Lowest				Q2				Q3				Q4				Q5-Highest								
	Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI	
Provinces Combined	587	1,526	38.5	36.0	41.0	596	1,668	35.7	33.4	38.1	616	1,633	37.7	35.4	40.1	529	1,637	32.3	30.1	34.6	555	1,569	35.4	33.0	37.8
BC	133	344	38.7	33.5	44.0	124	341	36.4	31.2	41.7	125	343	36.4	31.3	41.8	104	327	31.8	26.8	37.2	102	321	31.8	26.7	37.2
AB	60	157	38.2	30.6	46.3	60	166	36.1	28.8	44.0	57	164	34.8	27.5	42.6	55	161	34.2	26.6	42.0	49	158	31.0	23.9	38.8
SK	30	61	49.2	36.1	62.3	26	61	42.6	30.0	55.9	22	48	45.8	31.4	60.8	23	57	40.4	27.6	54.2	19	45	42.2	27.7	57.8
MB	18	54	33.3	21.1	47.5	35	90	38.9	28.8	49.7	33	84	39.3	28.8	50.5	32	84	38.1	27.7	49.3	29	70	41.4	29.8	53.8
ON	295	754	39.1	35.6	42.7	297	867	34.3	31.1	37.5	298	815	36.6	33.3	40.0	261	861	30.3	27.3	33.5	303	839	36.1	32.9	39.5
QC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NB	15	50	30.0	17.9	44.6	15	44	34.1	20.5	49.9	23	52	44.2	30.5	58.7	16	45	35.6	21.9	51.2	16	40	40.0	24.9	56.7
NS	22	63	34.9	23.3	48.0	24	62	38.7	26.6	51.9	36	83	43.4	32.5	54.7	27	75	36.0	25.2	47.9	24	68	35.3	24.1	47.8
PE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NL	11	30	36.7	19.9	56.1	10	22	45.5	24.4	67.8	11	23	47.8	26.8	69.4	7	20	35.0	15.4	59.2	*	*	*	*	*
Territories	*	*	*	*	*	*	*	*	*	*	0	0	-	-	-	*	*	*	*	*	*	*	*	*	*

\*Suppressed due to small numbers or to prevent residual disclosure

†Rectal resection includes permanent colostomy/ileostomy, temporary colostomy and other rectal section

Data source: Hospital Morbidity Database, Canadian Institute for Health Information

National Ambulatory Care Reporting System, Canadian Institute for Health Information

Fichier des hospitalisations MED-ÉCHO, Ministère de la Santé et des Services Sociaux du Québec

Alberta Ambulatory Care Reporting System

**Table 11b. Percentage of rectal cancer resections that include a permanent colostomy, by geography, 2007/08 to 2011/12 combined**

Province	Geography																			
	Urban					Rural					Rural-Remote					Rural-Very Remote				
	Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>†</sup>	%	95% CI	
<b>Provinces Combined</b>	2,898	8,070	35.9	34.9	37.0	178	493	36.1	31.9	40.5	367	916	40.1	36.9	43.3	452	1,080	41.9	38.9	44.9
<b>BC</b>	593	1,689	35.1	32.8	37.4	13	50	26.0	14.6	40.3	41	124	33.1	24.9	42.1	65	161	40.4	32.7	48.4
<b>AB</b>	281	808	34.8	31.5	38.2	12	37	32.4	18.0	49.8	36	98	36.7	27.2	47.1	55	141	39.0	30.9	47.6
<b>SK</b>	120	272	44.1	38.1	50.2	*	*	*	*	*	33	61	54.1	40.8	66.9	94	177	53.1	45.5	60.6
<b>MB</b>	148	385	38.4	33.6	43.5	*	*	*	*	*	22	61	36.1	24.2	49.4	65	138	47.1	38.6	55.8
<b>ON</b>	1,461	4,148	35.2	33.8	36.7	104	309	33.7	28.4	39.2	136	347	39.2	34.0	44.5	60	180	33.3	26.5	40.7
<b>QC</b>	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>NB</b>	86	234	36.8	30.6	43.3	*	*	*	*	*	36	88	40.9	30.5	51.9	18	75	24.0	14.9	35.3
<b>NS</b>	133	352	37.8	32.7	43.1	8	20	40.0	19.1	63.9	23	59	39.0	26.5	52.6	37	91	40.7	30.5	51.5
<b>PE</b>	21	44	47.7	32.5	63.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>NL</b>	51	119	42.9	33.8	52.3	*	*	*	*	*	29	56	51.8	38.0	65.3	54	108	50.0	40.2	59.8
<b>Territories</b>	*	*	*	*	*	0	0	-	-	-	0	0	-	-	-	0	0	-	-	-

\*Suppressed due to small numbers or to prevent residual disclosure

<sup>†</sup>Rectal resection includes permanent colostomy/ileostomy, temporary colostomy and other rectal section

Data source: Hospital Morbidity Database, Canadian Institute for Health Information

National Ambulatory Care Reporting System, Canadian Institute for Health Information

Fichier des hospitalisations MED-ÉCHO, Ministère de la Santé et des Services Sociaux du Québec

Alberta Ambulatory Care Reporting System

**Table 11c. Percentage of rectal cancer resections that include a permanent colostomy, by immigrant density, 2007/08 to 2011/12 combined**

Province <sup>†</sup>	Immigrant density tercile (T)														
	T1-Lowest					T2					T3-Highest				
	Permanent colostomy/ileostomy	Rectal resection <sup>‡</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>‡</sup>	%	95% CI		Permanent colostomy/ileostomy	Rectal resection <sup>‡</sup>	%	95% CI	
<b>Provinces Combined</b>	2,945	7,775	37.9	36.8	39.0	624	1,748	35.7	33.4	38.0	254	839	30.3	27.2	33.5
<b>BC</b>	448	1,260	35.6	32.9	38.3	170	487	34.9	30.7	39.3	71	219	32.4	26.3	39.1
<b>AB</b>	328	921	35.6	32.5	38.8	50	143	35.0	27.2	43.4	*	*	*	*	*
<b>SK</b>	240	498	48.2	43.7	52.7	*	*	*	*	*	0	0	-	-	-
<b>MB</b>	201	502	40.0	35.7	44.5	27	68	39.7	28.0	52.3	*	*	*	*	*
<b>ON</b>	1,191	3,277	36.3	34.7	38.0	375	1,046	35.9	32.9	38.8	176	606	29.0	25.5	32.8
<b>NB</b>	148	406	36.5	31.8	41.3	*	*	*	*	*	0	0	-	-	-
<b>NS</b>	199	515	38.6	34.4	43.0	*	*	*	*	*	0	0	-	-	-
<b>PE</b>	37	72	51.4	39.3	63.3	0	0	-	-	-	0	0	-	-	-
<b>NL</b>	142	295	48.1	42.3	54.0	0	0	-	-	-	0	0	-	-	-
<b>Territories</b>	11	25	44.0	24.4	65.1	0	0	-	-	-	0	0	-	-	-

-Not available

\*Suppressed due to small numbers or to prevent residual disclosure

Excludes QC

<sup>‡</sup>Rectal resection includes permanent colostomy/ileostomy, temporary colostomy and other rectal section

Data source: Hospital Morbidity Database, Canadian Institute for Health Information

National Ambulatory Care Reporting System, Canadian Institute for Health Information

Fichier des hospitalisations MED-ÉCHO, Ministère de la Santé et des Services Sociaux du Québec

Alberta Ambulatory Care Reporting System

**Table 11d. Percentage of rectal cancer resections that include a permanent colostomy, by travel time to the nearest hospital performing surgery, 2007/08 to 2011/12 combined**

Province †	Travel time to the nearest hospital performing surgery																			
	0-39 minutes					40-89 minutes					90-179 minutes					180+ minutes				
	Permanent colostomy/ileostomy	Rectal resection ‡%	95% CI			Permanent colostomy/ileostomy	Rectal resection ‡%	95% CI			Permanent colostomy/ileostomy	Rectal resection ‡%	95% CI			Permanent colostomy/ileostomy	Rectal resection ‡%	95% CI		
<b>Provinces Combined</b>	3,115	8,687	35.9	34.8	36.9	511	1,224	41.7	39.0	44.6	216	508	42.5	38.2	47.0	23	54	42.6	29.2	56.8
<b>BC</b>	609	1,748	34.8	32.6	37.1	54	146	37.0	29.2	45.4	36	91	39.6	29.5	50.4	*	*	*	*	*
<b>AB</b>	295	844	35.0	31.7	38.3	57	162	35.2	27.9	43.1	29	71	40.8	29.3	53.2	*	*	*	*	*
<b>SK</b>	131	294	44.6	38.8	50.4	54	105	51.4	41.5	61.3	67	122	54.9	45.7	63.9	*	*	*	*	*
<b>MB</b>	172	454	37.9	33.4	42.5	45	99	45.5	35.4	55.8	16	35	45.7	28.8	63.4	*	*	*	*	*
<b>ON</b>	1,572	4,499	34.9	33.5	36.4	166	407	40.8	36.0	45.7	18	59	30.5	19.2	43.9	*	*	*	*	*
<b>NB</b>	85	235	36.2	30.0	42.7	44	107	41.1	31.7	51.0	19	62	30.6	19.6	43.7	*	*	*	*	*
<b>NS</b>	140	378	37.0	32.2	42.1	54	128	42.2	33.5	51.2	*	*	*	*	*	0	0	-	-	-
<b>PE</b>	*	*	51.8	38.0	65.3	*	*	*	*	*	*	*	*	*	*	0	0	-	-	-
<b>NL</b>	80	170	47.1	39.4	54.9	32	60	53.3	40.0	66.3	23	49	46.9	32.5	61.7	*	*	*	*	*
<b>Territories</b>	*	*	*	*	*	*	*	*	*	*	0	0	-	-	-	*	*	*	*	*

\*Suppressed due to small numbers or to prevent residual disclosure

Excludes QC

‡Rectal resection includes permanent colostomy/ileostomy, temporary colostomy and other rectal section

Data source: Hospital Morbidity Database, Canadian Institute for Health Information

National Ambulatory Care Reporting System, Canadian Institute for Health Information

Fichier des hospitalisations MED-ÉCHO, Ministère de la Santé et des Services Sociaux du Québec

Alberta Ambulatory Care Reporting System

## Research

**Table 12a. Clinical Trials Participation Ratio by neighbourhood Income quintile (urban population), by province and provinces combined – 2012**

Province	Neighbourhood Income Quintile (Q)														
	Q1-lowest			Q2			Q3			Q4			Q5-highest		
	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio
<b>Provinces Combined</b>	187	8,201	0.023	263	8,219	0.032	294	8,212	0.036	331	8,191	0.040	343	8,280	0.041
<b>AB</b>	87	2,327	0.037	136	2,362	0.058	135	2,399	0.056	160	2,417	0.066	154	2,491	0.062
<b>BC</b>	72	3,762	0.019	87	3,737	0.023	117	3,784	0.031	118	3,819	0.031	137	3,859	0.036
<b>MB</b>	7	815	0.009	18	920	0.020	26	851	0.031	17	827	0.021	26	842	0.031
<b>NB</b>	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>PE</b>	*	*	*	*	*	*	0	94	0.000	*	*	*	*	*	*
<b>SK</b>	17	642	0.026	15	598	0.025	*	*	*	31	581	0.053	19	551	0.034

\*Suppression due to small numbers or to prevent residual disclosure

Includes BC, AB, SK, MB, NB and PE

See Technical Appendix for more details

Data Source: Provincial cancer agencies



**Table 12b. Clinical Trials Participation Ratio by geography, by province and provinces combined – 2012**

Province	Geography											
	Urban			Rural			Rural Remote			Rural Very Remote		
	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio
<b>Provinces Combined</b>	1,425	41,308	0.034	51	1,634	0.031	119	4,789	0.025	143	6,659	0.021
<b>AB</b>	672	12,015	0.056	23	418	0.055	63	1,246	0.051	80	1,915	0.042
<b>BC</b>	538	19,126	0.028	15	580	0.026	27	1,152	0.023	20	1,481	0.014
<b>MB</b>	94	4,259	0.022	*	*	*	7	610	0.011	12	1,216	0.010
<b>NB</b>	19	2,427	0.008	0	260	0.000	5	1,013	0.005	6	612	0.010
<b>PE</b>	6	494	0.012	*	*	*	0	197	0.000	0	61	0.000
<b>SK</b>	96	2,987	0.032	8	116	0.069	17	571	0.030	25	1,374	0.018

\*Suppression due to small numbers or to prevent residual disclosure

See Technical Appendix for more details

Data Source: Provincial cancer agencies

**Table 12c. Clinical Trials Participation Ratio by immigrant density tercile, by province and provinces combined – 2012**

Province	T1-lowest			T2			T3-highest		
	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio	Clinical Trial	Diagnosed	Ratio
Provinces Combined	1,275	41,307	<b>0.031</b>	341	8,950	<b>0.038</b>	94	2,773	<b>0.034</b>
AB	684	12,632	<b>0.054</b>	144	2,569	<b>0.056</b>	*	*	*
BC	311	13,473	<b>0.023</b>	187	5,550	<b>0.034</b>	84	2,588	<b>0.032</b>
MB	102	5,279	<b>0.019</b>	*	*	*	*	*	*
NB	30	4,274	<b>0.007</b>	0	10	<b>0.000</b>	0	0	.
PE	7	850	<b>0.008</b>	0	0	.	0	0	.
SK	141	4,799	<b>0.029</b>	*	*	*	.	.	.

\*Suppression due to small numbers or to prevent residual disclosure

See Technical Appendix for more details

Data Source: Provincial cancer agencies

## Relative Survival

**Table 13a. Relative survival ratios for urban Canada for all cancers, by neighbourhood income quintile, Canada 2004-2006**

Neighbourhood income quintile	Years since diagnosis	Relative survival for urban Canada
Q1 (Lowest)	0	100
Q1 (Lowest)	1	76.5
Q1 (Lowest)	2	69.2
Q1 (Lowest)	3	65.2
Q1 (Lowest)	4	62.8
Q1 (Lowest)	5	61.1
Q2	0	100
Q2	1	79.6
Q2	2	72.6
Q2	3	69.2
Q2	4	66.7
Q2	5	64.9
Q3	0	100
Q3	1	81.6
Q3	2	74.9
Q3	3	71.5
Q3	4	69.0
Q3	5	67.3
Q4	0	100

Q4	1	83.5
Q4	2	77.7
Q4	3	74.3
Q4	4	72.2
Q4	5	70.5
Q5 (Highest)	0	100
Q5 (Highest))	1	85.8
Q5 (Highest)	2	80.2
Q5 (Highest)	3	77.1
Q5 (Highest)	4	75.0
Q5 (Highest)	5	73.5

**Table 13b. Relative survival ratios for urban Canada for all cancers excluding lung and prostate cancer, by neighbourhood income quintile, Canada 2004-2006**

Neighbourhood income quintile	Years since diagnosis	Relative survival for urban Canada
Q1 (Lowest)	0	100
Q1 (Lowest)	1	79.7
Q1 (Lowest)	2	72.7
Q1 (Lowest)	3	68.6
Q1 (Lowest)	4	65.7
Q1 (Lowest)	5	63.7
Q2	0	100
Q2	1	81.6
Q2	2	74.9
Q2	3	71.2
Q2	4	68.2
Q2	5	66.2
Q3	0	100
Q3	1	83.1
Q3	2	76.2
Q3	3	72.4
Q3	4	69.6
Q3	5	67.5
Q4	0	100
Q4	1	84.3
Q4	2	78.5
Q4	3	74.7

Q4	4	72.3
Q4	5	70.1
Q5 (Highest)	0	100
Q5 (Highest)	1	85.9
Q5 (Highest)	2	79.9
Q5 (Highest)	3	76.4
Q5 (Highest)	4	73.8
Q5 (Highest)	5	72.0