

## Cancer Incidence, Waterloo Region and Ontario, 2010, 2011, 2012

**Table 1. Number and age-standardized rate per 100,000 population of new cancer cases, all cancer sites, Waterloo Region & Ontario, 2010, 2011, 2012**

Place of residence	Year	Number	Rate
Waterloo Region	2010	2,809	483.6
	2011	2,841	473.8
	2012	2,730	442.2
Ontario	2010	75,942	459.5
	2011	79,012	466.7
	2012	77,941	448.6

### Definition:

Total number of new cases of malignant cancer relative to the total population (per 100,000) over a specified period of time.

### Limitations and Notes:

When comparing Cancer Care Ontario (CCO) cancer data to other Canadian cancer incidence data sources, users must be aware that International Classification of Diseases (ICD) codes used for cancer sites can vary. Discrepancies are highlighted in a document "Comparisons - Differences in Canadian Cancer Incidence/Death definitions" available on the Association of Public Health Epidemiologists of Ontario (APHEO) website.

Population data included with CCO's SEER\*Stat may differ slightly from population figures supplied by IntelliHEALTH Ontario. When using CCO's SEER\*Stat data, be sure to read the accompanying documentation, particularly any document with details of issues concerning data and data quality. Changes in incidence may reflect trends in risk factors or changes in early detection and diagnostic practices.

## Limitations and Notes (continued):

Overall rates have been age-standardized to the 1991 Canadian Standard population. Age standardization is a method of adjusting rates to minimize the effects of different age distributions between two or more populations (in this case, Waterloo Region and Ontario).

'NR' means Not Reportable. Case counts and rates are not reportable where the number of cancer cases is less than 6.

### Source:

Cancer Care Ontario SEER\*Stat Package Release 10 - Ontario Cancer Registry (Aug. 2015)

**Table 2. Number and age-standardized rate per 100,000 population of new cancer cases, by age group, Waterloo Region & Ontario, 2012**

Place of residence	Age group	Number	Rate
<b>Waterloo Region</b>	<b>Less than 20 years</b>	25	19.5
	<b>20 to 44 years</b>	216	112.5
	<b>45 to 64 years</b>	1,007	724.4
	<b>65 to 74 years</b>	714	1,961.1
	<b>75 years and older</b>	768	2,522.1
<b>Ontario</b>	<b>Less than 20 years</b>	658	21.1
	<b>20 to 44 years</b>	5,702	123.3
	<b>45 to 64 years</b>	27,658	730.0
	<b>65 to 74 years</b>	20,792	1,939.2
	<b>75 years and older</b>	23,131	2,564.1

**Table 3. Number and age-standardized rate per 100,000 population of new cancer cases, by select cancer sites, Waterloo Region & Ontario, 2012**

Rank	Waterloo Region		Ontario	
	Cancer site	Number Rate	Cancer site	Number Rate
1	Breast (Female)	367 111.5	Breast (Female)	10,283 112.6
2	Prostate (Male)	246 85.8	Prostate (Male)	8,500 102.7
3	Colorectal	349 54.9	Lung	10,072 56.2
4	Lung	338 54.9	Colorectal	9,172 51.0
5	Uterine (Female)	101 30.1	Uterine (Female)	2,527 27.1
6	Bladder	157 25.3	Bladder	4,579 25.4
7	Non-Hodgkin Lymphoma	150 25.2	Thyroid	3,282 21.9
8	Melanoma	127 20.8	Non-Hodgkin Lymphoma	3,726 21.7
9	Thyroid	95 17.1	Melanoma	3,074 18.1
10	Leukemia	88 15.2	Leukemia	2,311 13.8
11	Kidney	87 14.0	Neck and Head	2,434 13.8
12	Ovarian (Female)	42 13.0	Ovarian (Female)	1,157 12.7
13	Neck and Head	77 12.0	Kidney	2,187 12.6
14	Pancreas	66 10.5	Oral	1,912 10.8
15	Oral	58 9.0	Pancreas	1,862 10.3
16	Stomach	53 8.5	Stomach	1478 8.3
17	Testicular (Male)	20 7.9	Cervical (Female)	621 8.2
18	Cervical (Female)	21 7.3	Testicular (Male)	429 7.4
19	Liver	24 3.9	Liver	839 4.7
20	Anal	7 1.0	Anal	262 1.5



**Table 4. Number and age-standardized rate per 100,000 population of new cancer cases, by sex and select cancer sites, Waterloo Region, 2012**

Rank	Males			Females		
	Cancer site	Number	Rate	Cancer site	Number	Rate
1	Prostate (Male)	246	85.8	Breast (Female)	367	111.5
2	Lung	184	66.5	Colorectal	186	53.0
3	Colorectal	163	57.0	Lung	154	46.2
4	Bladder	111	39.6	Uterine (Female)	101	30.1
5	Non-Hodgkin Lymphoma	86	30.9	Thyroid	76	27.5
6	Melanoma	74	25.3	Non-Hodgkin Lymphoma	64	20.7
7	Neck and Head	62	20.9	Melanoma	53	16.9
8	Leukemia	56	20.7	Bladder	46	13.5
9	Kidney	52	18.0	Ovarian (Female)	42	13.0
10	Oral	45	14.9	Kidney	35	10.7
11	Pancreas	32	11.7	Leukemia	32	10.3
12	Stomach	31	10.6	Pancreas	34	9.4
13	Testicular (Male)	20	7.9	Cervical (Female)	21	7.3
14	Thyroid	19	6.9	Stomach	22	7.1
15	Liver	19	6.7	Neck and Head	15	4.5
16	Anal	NR	NR	Oral	13	3.9
17				Anal	6	1.8
18				Liver	NR	NR

## Contact Information:

**Region of Waterloo Public Health**  
Epidemiology and Health Analytics Team  
99 Regina Street South, Third Floor  
Waterloo, Ontario N2J 4V3  
Canada

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Phone: 519-575-4400

Fax: 519-883-2241

TTY: 519-575-4608

Website: <http://chd.region.waterloo.on.ca/>

Email: [eha@regionofwaterloo.ca](mailto:eha@regionofwaterloo.ca)

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