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# Cancer in Manitoba

2018 ANNUAL STATISTICAL REPORT



Department of Epidemiology  
& Cancer Registry

CancerCareManitoba  
*ActionCancerManitoba*

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# Department of Epidemiology and Cancer Registry

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## Vision

A world free of cancer

## Mission

To reduce and, where possible, eliminate the burden of cancer on the people of Manitoba through exemplary programs of prevention, diagnosis, treatment, rehabilitation, continuing care, research and education.

## Introduction to the Data

The Manitoba Cancer Registry is an essential tool for evidence-based, data-driven decision making that has an immense impact on treatment and research. This year's report is based on the following information.

**NOTE:** *All statistics in the body of this report only include Manitoba residents.*

### Manitoba Cancer Registry data is used for:

- health care planning and monitoring
- surveillance and studies on the causes and prevention of cancer, cancer clusters, treatment patterns, outcomes and survival
- patient care
- quality assurance
- reporting to the Canadian Cancer Registry, the North American Association of Central Cancer Registries and the International Association of Cancer Registries

### Information sources include:

- provincial cytology and pathology departments
- admission/separation data from the provincial hospital abstracting system
- Manitoba Provincial Client Registry
- letters and “Report of Malignant Neoplasm Forms” from physicians and other health care providers
- hospital health records
- correspondence from other provincial and territorial cancer registries on Manitoba residents diagnosed and/or treated in those jurisdictions

### Incidence data

Incidence refers to the number of new cases of cancer diagnosed in Manitoba every year. Cancer cases referenced were diagnosed in the 2018 calendar year. Incidence is also provided by stage of disease at diagnosis.

The Manitoba Cancer Registry uses disease site groupings according to the International Classification of Diseases for Oncology Third Edition (ICD-O3), based on Surveillance Epidemiology and End Results (SEER) Groups. See [Appendix 1](#) for the primary site groupings used for incidence.

### Mortality data

Mortality information refers to Manitobans who died of cancer in the 2018 calendar year, however, those patients may not have been diagnosed in 2018. The Vital Statistics Agency of Manitoba reported cancer as the leading cause of death in the province. In 2018, there were 2,696 deaths due to invasive cancer (age standardized rate – 198.2 per 100,000). The totals in the summary on page 10 include all cancer deaths occurring in Manitoba.

### Rates

Incidence counts and rates are presented in this report. Annual age-standardized rates are per 100,000 population and allow for comparison of cancer rates in different regions with different age structures. Rates are age-standardized (using the direct method) to the 2011 Manitoba population.

### Staging data

The Manitoba Cancer Registry has collected cancer stage for all cases of cancer (excluding non-melanoma skin cancer) diagnosed since January 1, 2004. From 2004 to 2017, collection followed the Collaborative Staging method consistent with the American Joint Committee on Cancer (AJCC) 6th and 7th Tumour, Nodes, and Metastases (TNM) editions. For cancer cases diagnosed January 1, 2018 and forward, cancer stage data is being collected following the AJCC 8th edition of the TNM manual.

In this report, stage data is shown for all disease site groups with a cancer incidence of 45 cases per year or more and is represented using pie charts. Stage information, along with frequency of incidence for each of these sites, can also be found in table format on page 8. Due to changes in the staging system, this year we have presented data as early and intermediate stage, and late stage.

### Population data

Data are based on Manitoba estimates provided by Manitoba Health.

**Additional statistical information is available upon request. Please contact the Manitoba Cancer Registry at:**

**1-877-787-1272 (toll-free), or**  
[CCMBepireg@cancercare.mb.ca](mailto:CCMBepireg@cancercare.mb.ca)

## Manitoba's Cancer Profile

### Facts & Figures

#### Manitoba's cancer profile

Cancer is a significant health issue. In 2018, **12,389** Manitobans were diagnosed with cancer:

- **6,973** invasive cancers
- **4,926** *in situ* (confined to the area of origin)
- **366** unspecified cancers
- **124** benign brain and CNS (central nervous system)

In this same year, **2,696** people died from the disease.

The number of cancer cases in Manitoba is influenced by three factors:

- the age of the population
- the size of the population
- risk factors such as unhealthy living (including smoking, poor diet, inactivity, sun exposure), some environmental carcinogens, genetic predisposition and not being screened.

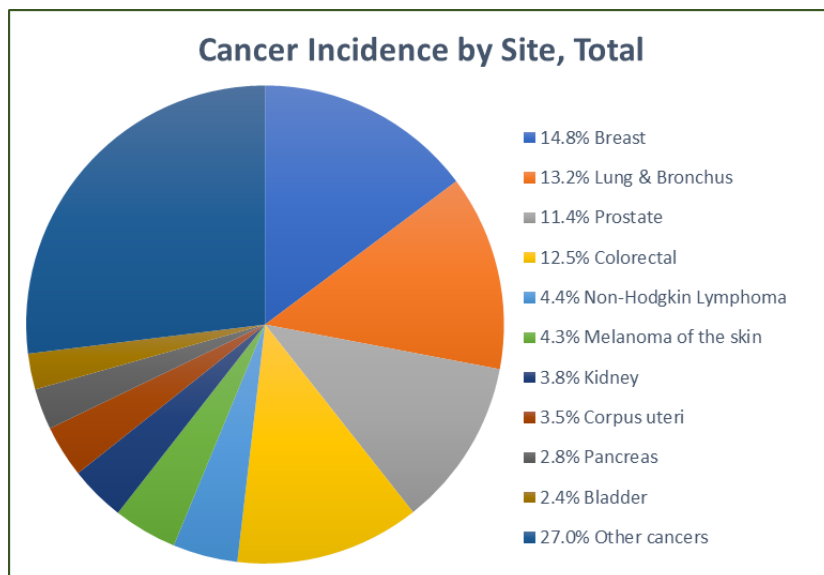
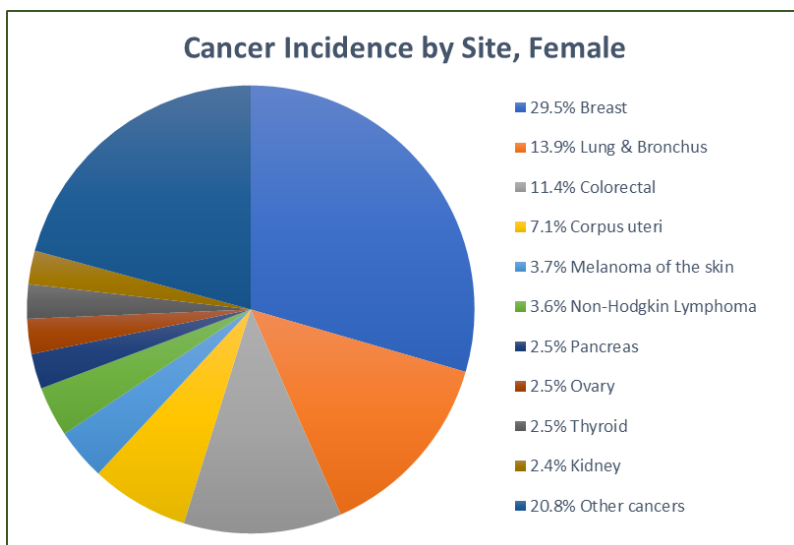
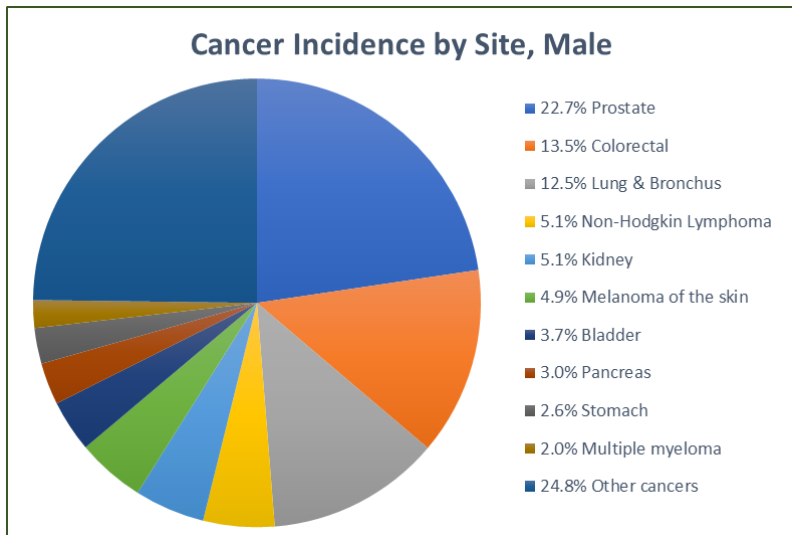
## Most Common Cancer Diagnoses, 2018

### Incidence

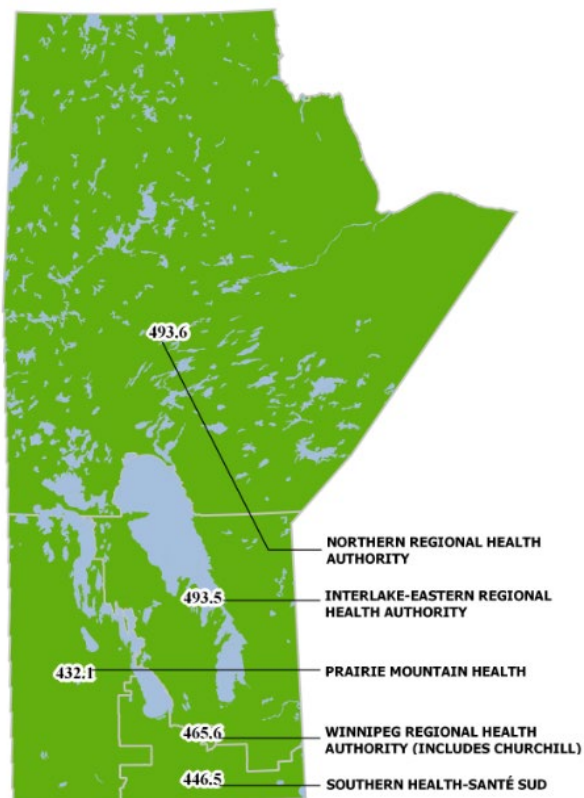
Male		Female		Total	
<u>SITE</u>	<u>CASES</u>	<u>SITE</u>	<u>CASES</u>	<u>SITE</u>	<u>CASES</u>
Prostate	793	Breast	1024	Breast	1030
Colorectal	474	Lung & bronchus	483	Lung & bronchus	922
Lung & bronchus	439	Colorectal	397	Colorectal	871
Non-Hodgkin Lymphoma	180	Corpus uteri	246	Prostate	793
Kidney	178	Melanoma of the skin	129	Non-Hodgkin Lymphoma	306
Melanoma of the skin	172	Non-Hodgkin Lymphoma	126	Melanoma of the skin	301
Bladder	131	Pancreas	88	Kidney	262
Pancreas	106	Ovary	88	Corpus uteri	246
Stomach	90	Thyroid	86	Pancreas	194
Multiple myeloma	78	Kidney	84	Bladder	169

# Cancer Incidence by Site

Invasive cancers only

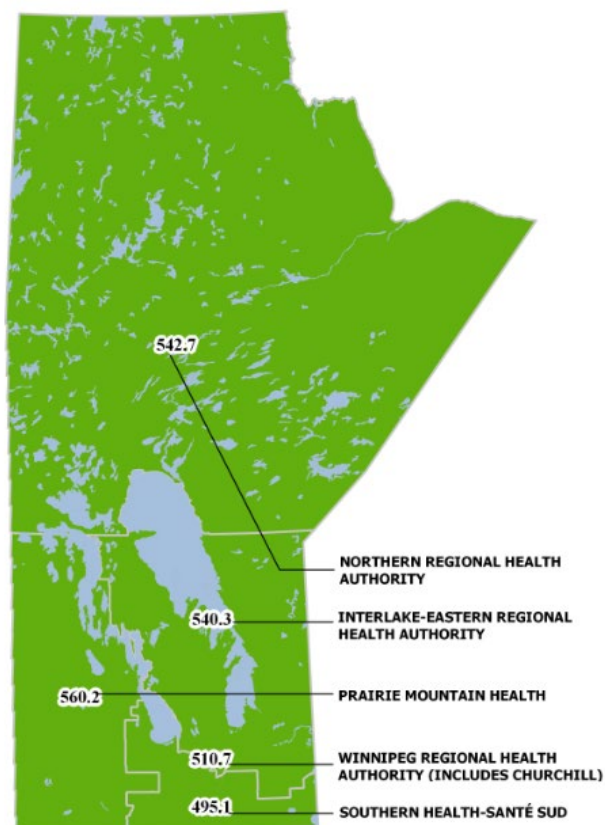


## Manitoba Cancer Rates by Regional Health Authority



### 2018 All Invasive Cancers Male Incidence

Age-standardized rate per 100,000  
Standard population: Manitoba 2011  
Out-of-province residents excluded



## Cancer Incidence - Cases and Rates in Manitoba by Site, 2018

	Cancer Site	Age group																								Total Count			ASIR*		
		00-29			30-39			40-49			50-59			60-69			70-79			80+											
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
Buccal cavity & pharynx	Lip	0	0	0	1	0	1	1	0	1	3	0	3	8	6	14	16	7	23	11	5	16	40	18	58	6.15	2.21	3.96			
	Tongue	0	0	0	1	0	1	2	2	4	9	2	11	9	3	12	5	5	10	3	2	5	29	14	43	4.3	1.87	3.03			
	Major salivary gland	0	0	0	0	0	0	0	0	0	1	0	1	4	1	5	2	3	5	1	1	2	8	5	13	1.14	0.61	0.87			
	Floor of mouth	0	0	0	0	0	0	0	0	0	3	1	4	0	0	0	1	0	1	0	1	1	4	2	6	0.6	0.28	0.45			
	Gum & other mouth	0	2	2	2	2	4	1	0	1	2	2	4	2	1	3	2	1	3	0	0	0	9	8	17	1.27	1.14	1.2			
	Nasopharynx	0	0	0	0	0	0	3	1	4	3	0	3	5	0	5	0	0	0	1	0	1	12	1	13	1.81	0.16	0.96			
	Oropharynx	0	0	0	0	0	0	0	0	0	3	2	5	4	1	5	0	0	0	0	0	0	7	3	10	0.99	0.44	0.71			
	Hypopharynx	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2	0	0	0	0	0	0	4	0	4	0.57	0	0.28			
	Other buccal cavity & pharynx	0	0	0	0	0	0	1	0	1	8	1	9	8	0	8	2	3	5	1	1	2	20	5	25	2.91	0.64	1.76			
	Digestive	Esophagus	0	0	0	0	0	0	2	0	2	6	1	7	15	4	19	13	7	20	12	5	17	48	17	65	7.36	2.12	4.49		
Stomach		0	0	0	0	1	1	2	1	3	17	1	18	29	14	43	23	7	30	19	13	32	90	37	127	13.63	4.68	8.82			
Small intestine		0	0	0	0	0	0	3	0	3	4	1	5	2	5	7	6	5	11	1	2	3	16	13	29	2.37	1.63	2.01			
Colorectal		5	6	11	9	9	18	23	23	46	88	62	150	132	83	215	132	99	231	85	115	200	474	397	871	71.23	52.23	61.2			
Colon excluding rectum		3	5	8	6	4	10	11	13	24	47	36	83	79	59	138	91	79	170	65	96	161	302	292	594	45.83	37.9	41.64			
Rectum & rectosigmoid		2	1	3	3	5	8	12	10	22	41	26	67	53	24	77	41	20	61	20	19	39	172	105	277	25.4	14.32	19.56			
Anus		0	0	0	0	0	0	0	1	1	1	5	6	1	7	8	4	5	9	1	6	7	7	24	31	102	3.17	2.17	2.17		
Liver		1	1	2	2	0	2	1	1	2	11	3	14	24	3	27	18	8	26	7	2	9	64	18	82	9.22	2.37	5.6			
Gallbladder		0	0	0	1	0	1	1	0	1	2	2	4	2	6	8	6	3	9	3	4	7	15	15	30	2.27	1.93	2.08			
Pancreas		1	0	1	1	5	6	2	6	8	13	6	19	32	20	52	38	23	61	19	28	47	106	88	194	15.68	11.37	13.41			
Other digestive system		0	1	1	0	0	0	2	1	3	4	5	9	16	9	25	22	8	30	11	11	22	55	35	90	8.18	4.56	6.2			
Respiratory		Larynx	0	0	0	0	0	0	2	0	2	4	2	6	15	1	16	8	4	12	9	0	9	38	7	45	5.78	0.91	3.1		
	Lung & bronchus	0	0	0	3	1	4	7	5	12	44	45	89	130	150	280	158	165	323	97	117	214	439	483	922	65.89	61.16	62.93			
	Other respiratory system	0	0	0	1	0	1	3	0	3	1	1	2	1	1	2	1	0	1	0	3	3	7	5	12	1.05	0.66	0.89			
Bones & joints	4	3	7	1	0	1	1	2	3	1	0	1	0	0	0	0	0	0	1	0	1	8	5	13	1.24	0.79	0.99				
Mesothelial & soft tissue (inc. heart)	Soft tissue (including heart)	2	1	3	5	0	5	2	1	3	2	1	3	4	1	5	4	3	7	3	4	7	22	11	33	3.27	1.46	2.34			
	Kaposi sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0.13	0	0.06			
	Mesothelioma	0	0	0	0	0	0	1	0	1	1	0	1	2	1	3	5	3	8	6	0	6	15	4	19	2.45	0.48	1.32			
Melanoma of the skin	2	4	6	1	13	14	10	9	19	22	26	48	56	30	86	48	23	71	33	24	57	172	129	301	25.81	17.45	21.06				
Breast	0	4	4	0	44	44	0	122	122	1	195	196	4	300	304	1	210	211	0	149	149	6	1024	1030	0.81	138.65	72.8				
Female genital	Cervix uteri	0	4	4	0	11	11	0	9	9	0	10	10	0	3	3	0	2	2	0	0	0	0	39	39	0	5.77	0			
	Corpus uteri	0	2	2	0	8	8	0	24	24	0	50	50	0	91	91	0	48	48	0	23	23	0	246	246	0	33.24	0			
	Uterus, NOS	0	0	0	0	0	0	0	1	1	0	3	3	0	2	2	0	1	1	0	1	1	0	8	8	0	1.13	0			
	Ovary	0	2	2	0	4	4	0	10	10	0	19	19	0	23	23	0	20	20	0	10	10	0	88	88	0	12	0			
	Other female genital system	0	1	1	0	0	0	0	2	2	0	4	4	0	16	16	0	11	11	0	15	15	0	49	49	0	6.31	0			

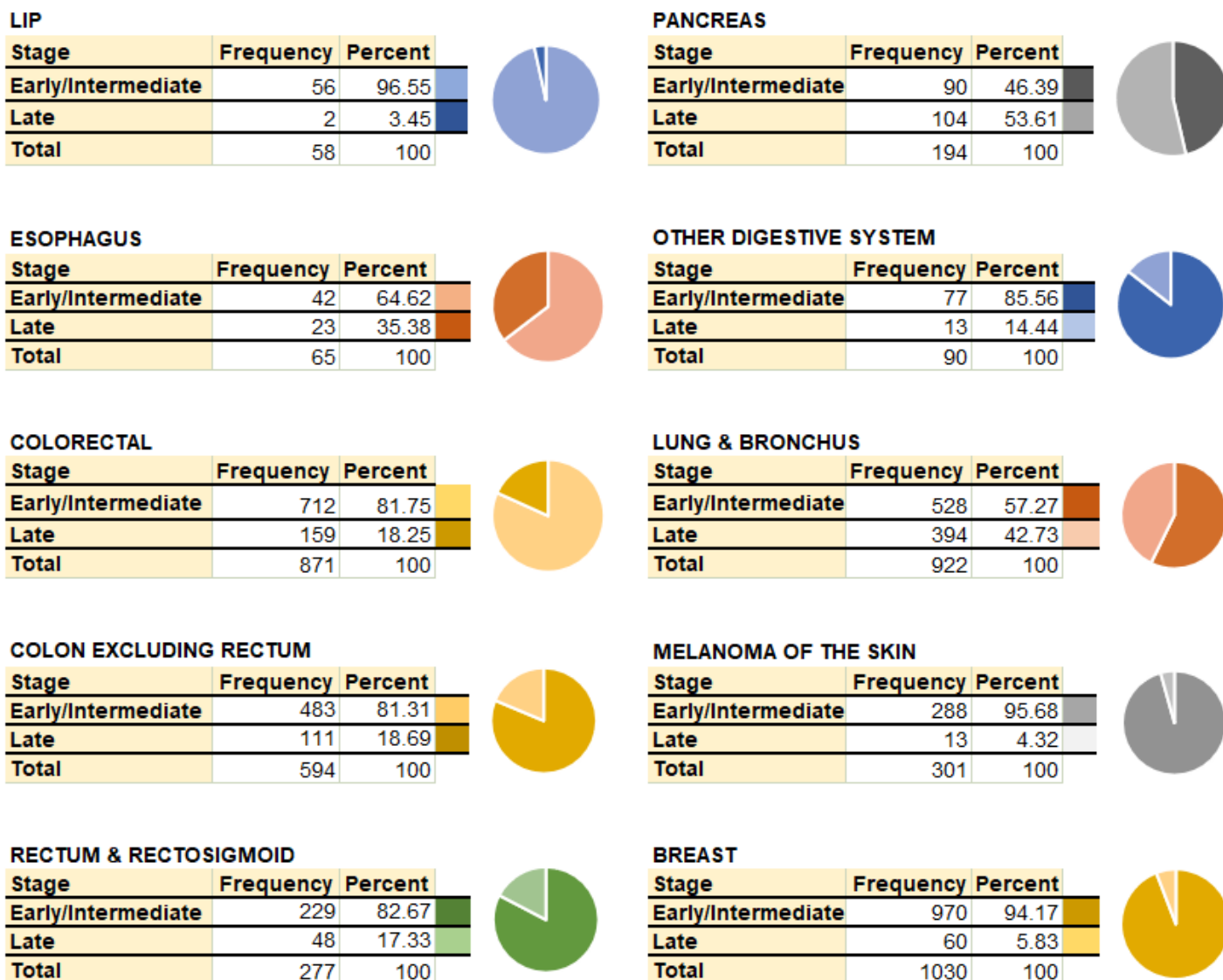
	Cancer Site	Age group																		Total Count			ASIR*					
		00-29			30-39			40-49			50-59			60-69			70-79									80+		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Male genital	Prostate	0	0	0	0	0	0	9	0	9	103	0	103	299	0	299	270	0	270	112	0	112	793	0	793	114.95	0	0
	Testis	12	0	12	13	0	13	2	0	2	2	0	2	3	0	3	0	0	0	0	0	0	32	0	32	4.55	0	0
	Penis	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	4	0	4	7	0	7	13	0	13	2.25	0	0
	Other male genital system	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1	0.13	0	0
Urinary	Bladder	0	0	0	1	1	2	3	0	3	12	1	13	23	11	34	42	8	50	50	17	67	131	38	169	21.13	4.76	11.88
	Kidney	4	1	5	7	7	14	20	10	30	49	13	62	49	22	71	31	21	52	18	10	28	178	84	262	26.53	11.31	18.59
	Ureter	0	0	0	0	0	0	0	0	0	2	0	2	1	0	1	4	1	5	0	1	1	7	2	9	0.97	0.24	0.61
	Other urinary system	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	6	2	8	1	3	4	9	5	14	1.26	0.61	0.94
	Eye	2	0	2	0	0	0	1	0	1	3	1	4	0	1	1	0	2	2	2	1	3	8	5	13	1.32	0.65	0.96
Brain & other CNS	Brain	7	7	14	4	2	6	3	4	7	6	8	14	15	5	20	17	10	27	5	5	10	57	41	98	8.21	5.69	6.86
	Other nervous system	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	2	2	0	0	0	1	4	5	0.15	0.55	0.36
Endocrine	Thyroid	1	8	9	6	17	23	11	26	37	5	18	23	10	8	18	7	6	13	1	3	4	41	86	127	5.98	12.73	9.35
	Other endocrine	2	3	5	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	2	3	5	8	0.42	0.71	0.59
Lymphoma	Hodgkin lymphoma	3	6	9	4	1	5	3	2	5	6	2	8	3	2	5	1	0	1	2	2	4	22	15	37	3.33	2.19	2.73
	Non-Hodgkin lymphoma	3	2	5	12	3	15	10	7	17	27	12	39	52	37	89	51	39	90	25	26	51	180	126	306	26.5	16.3	21.12
	Multiple myeloma	0	0	0	0	0	0	1	2	3	8	11	19	25	15	40	23	12	35	13	13	26	70	53	123	10.34	6.99	8.49
Leukemias	Acute lymphocytic leukemia	7	7	14	1	1	2	0	0	0	0	0	0	0	3	3	1	0	1	0	0	0	9	11	20	1.28	1.58	1.43
	Chronic lymphocytic leukemia	0	0	0	0	0	0	0	1	1	7	2	9	16	17	33	19	7	26	9	9	18	51	36	87	7.51	4.58	5.92
	Acute myeloid leukemia	1	2	3	3	0	3	1	0	1	2	3	5	7	6	13	10	4	14	7	9	16	31	24	55	4.68	3.13	3.85
	Acute monocytic leukemia	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	2	3	0.13	0.26	0.21
	Chronic myeloid leukemia	1	0	1	2	2	4	0	1	1	0	2	2	3	1	4	2	5	7	3	1	4	11	12	23	1.68	1.6	1.59
	Other leukemias	0	1	1	0	0	0	4	1	5	0	0	0	1	1	2	2	1	3	1	2	3	8	6	14	1.25	0.81	1.03
	Other ill-defined & unknown	3	1	4	1	1	2	4	2	6	12	12	24	28	24	52	40	27	67	40	52	92	128	119	247	20.11	15.23	17.42
	<b>TOTAL - ALL INVASIVE</b>	61	70	131	82	134	216	142	278	420	503	535	1038	1046	935	1981	1047	821	1868	620	699	1319	3501	3472	6973	521.81	461.32	485.78
In situ	Non-Melanoma skin & in situ skin	6	3	9	23	39	62	80	113	193	228	240	468	524	411	935	661	456	1117	469	446	915	1991	1708	3699	303.15	223.7	257.8
	Breast in situ	0	1	1	0	1	1	0	11	11	0	30	30	1	33	34	0	23	23	0	7	7	1	106	107	0.13	14.56	7.54
	Cervix in situ	0	164	164	0	133	133	0	75	75	0	24	24	0	15	15	0	4	4	0	0	0	0	415	415	0	61.62	0
	Prostate in situ	0	0	0	0	0	0	0	0	0	2	0	2	10	0	10	8	0	8	0	0	0	20	0	20	2.68	0	0
	Bladder in situ	0	0	0	1	0	1	4	1	5	18	3	21	40	8	48	59	15	74	32	10	42	154	37	191	23.09	4.68	13.08
	Colorectal in situ	1	0	1	3	1	4	6	7	13	48	30	78	62	41	103	60	43	103	39	16	55	219	138	357	32.88	18.26	24.79
	Other in situ (Excl. Breast, Skin, Cervix, Prostate, Bladder, Colorectal)	1	0	1	0	3	3	0	11	11	13	23	36	16	22	38	17	14	31	8	9	17	55	82	137	8.12	11.38	9.68
	<b>TOTAL - ALL INVASIVE &amp; IN SITU</b>	69	238	307	109	311	420	232	496	728	812	885	1697	1699	1465	3164	1852	1376	3228	1168	1187	2355	5941	5958	11899	891.86	795.53	830.47
	Brain uncertain & unspecified	1	1	2	0	3	3	0	3	3	0	4	4	3	2	5	3	3	6	1	2	3	8	18	26	1.14	2.54	1.84
	Neoplasms (Uncertain & unspecified, excluding brain)	5	12	17	4	11	15	10	17	27	27	26	53	49	36	85	44	30	74	33	36	69	172	168	340	25.98	22.8	24.04
	Brain & nervous system benign	1	4	5	3	5	8	9	11	20	9	16	25	10	18	28	8	14	22	3	13	16	43	81	124	6.39	11.16	8.91
	<b>ALL CANCERS</b>	76	255	331	116	330	446	251	527	778	848	931	1779	1761	1521	3282	1907	1423	3330	1205	1238	2443	6164	6225	12389	925.37	832.03	865.27

\*Age standardized incidence rate per 100,000  
Standard Population: Manitoba 2011



## Tumour Staging by Site

### Staging on sites with more than 45 cases



\*Early/Intermediate includes non-metastatic and unknown stage cancer diagnoses, while Late stage includes metastatic cancer diagnoses.

\*\*In keeping with international coding conventions, all invasive brain tumors, multiple myeloma and non-CLL leukemia are considered unstageable using the AJCC TNM 8th edition staging system utilized by all population-based North American Cancer Registries.

**CORPUS UTERI**

Stage	Frequency	Percent
Early/Intermediate	228	92.68
Late	18	7.32
Total	246	100

**KIDNEY**

Stage	Frequency	Percent
Early/Intermediate	216	82.44
Late	46	17.56
Total	262	100

**OVARY**

Stage	Frequency	Percent
Early/Intermediate	72	81.82
Late	16	18.18
Total	88	100

**THYROID**

Stage	Frequency	Percent
Early/Intermediate	124	97.64
Late	3	2.36
Total	127	100

**OTHER FEMALE GENITAL SYSTEM**

Stage	Frequency	Percent
Early/Intermediate	45	91.84
Late	4	8.16
Total	49	100

**NON-HODGKIN LYMPHOMA**

Stage	Frequency	Percent
Early/Intermediate	186	60.78
Late	120	39.22
Total	306	100

**PROSTATE**

Stage	Frequency	Percent
Early/Intermediate	638	80.45
Late	155	19.55
Total	793	100

**LIVER**

Stage	Frequency	Percent
Early/Intermediate	62	75.61
Late	20	24.39
Total	82	100

**BLADDER**

Stage	Frequency	Percent
Early/Intermediate	143	84.62
Late	26	15.38
Total	169	100

**STOMACH**

Stage	Frequency	Percent
Early/Intermediate	82	64.57
Late	45	35.43
Total	127	100

**CHRONIC LYMPHOCYTIC LEUKEMIA/SMALL LYMPHOCYTIC LYMPHOMA**

Stage	Frequency	Percent
Early/Intermediate	81	93.10
Late	6	6.90
Total	87	100



\*\*Using Lugano and/or RAI stage

\*Early/Intermediate includes non-metastatic and unknown stage cancer diagnoses, while Late stage includes metastatic cancer diagnoses.

\*\*In keeping with international coding conventions, all invasive brain tumors, multiple myeloma and non-CLL leukemia are considered unstageable using the AJCC TNM 8th edition staging system utilized by all population-based North American Cancer Registries.

## Deaths by Underlying Cause in Manitoba<sup>1</sup>

(Rate per 100,000)

CAUSES OF DEATH	2018			2017			2016		
	Number	Rate per MB Health Population	Rate per Statistics Canada Population*	Number	Rate per MB Health Population*	Rate per Statistics Canada Population*	Number	Rate per MB Health Population*	Rate per Statistics Canada Population*
Accidents (V01-X59, Y85-Y86)	379	27.9	28	422	31.1	31.5	530	39.6	40.2
Cancer (C00 - C97)	2,696	198.2	199.4	2,456	181	183.5	2,801	209.1	212.5
Cerebrovascular Disease (I60 - I69)	526	38.7	38.9	561	41.3	41.9	604	45.1	45.8
Diabetes (E10 - E14)	315	23.2	23.3	276	20.3	20.6	319	23.8	24.2
Diseases of the heart (I00 - I09, I11, I13, I20 - I25, I26 - I51)	1,951	143.4	144.3	1,883	138.8	140.7	2,166	161.7	164.3
Pneumonia (J12 - J18)	187	13.7	13.8	184	13.6	13.8	237	17.7	18
Intentional Self-Harm (X60 - X84, Y890)	219	16.1	16.2	166	12.2	12.4	193	14.4	14.6

### Reference

<sup>1</sup> Vital Statistics Agency, 2018/19 Annual Report. Government of Manitoba; 2019. [cited March 06, 2023].

[http://vitalstats.gov.mb.ca/pdf/2019\\_vs\\_annual\\_report\\_en.pdf](http://vitalstats.gov.mb.ca/pdf/2019_vs_annual_report_en.pdf)

## Appendix 1

### INTERNATIONAL CLASSIFICATION OF DISEASES FOR ONCOLOGY

#### 3rd Edition

PRIMARY SITE	SITE/ CELL TYPE	PRIMARY SITE	SITE/ CELL TYPE
<b>Buccal cavity and pharynx</b>	C00:C14	<b>Male genital system</b>	C60:C63
Lip	C000:C009	Prostate	C619
Tongue	C019:C029	Testis	C620:C629
Major salivary gland	C079:C089	Penis	C600:C609
Floor of mouth	C040:C049	Other male genital system	C630:C639
Gum & other mouth	C030:C039, C050:C059, C060:C069	<b>Urinary system</b>	C64:C68
Nasopharynx	C110:C119	Bladder (incl. <i>in situ</i> )	C670:C679
Oropharynx	C100:C109	Kidney and renal pelvis	C649, C659
Hypopharynx	C129, C130:C139	Ureter	C669
Other buccal cavity & pharynx	C090:C099, C140, C142:C148	Other urinary system	C680:C689
<b>Digestive system</b>	C15:C26	<b>Eye</b>	C690:C699
Esophagus	C150:C159	<b>Brain &amp; other nervous system</b>	C70:C72
Stomach	C160:C169	Brain	C710:C719
Small intestine	C170:C179	Other nervous system	C710:C719 ( 953), C700:C709, C720:C729
Colon excluding rectum	C180:C189, C260	<b>Endocrine</b>	C73:C75
Rectum & Rectosigmoid	C199, C209	Thyroid	C739
Anus	C210:C212, C218	Other endocrine	C379, C740:C749, C750:C759
Liver	C220	<b>Lymphomas</b>	
Gallbladder	C239	Hodgkin lymphoma	9650-9667
Pancreas	C250:C259	Non-Hodgkin lymphoma	9590-9597, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687-9691, 9695, 9698-9702, 9705, 9708-9709, 9712, 9714-9719, 9724-9729, 9735, 9737, 9738
Other digestive system	C240:C249, C221, C480, C481:C482, C268:C269, C488		9811-9818 (except C420, C421, C424) 9823 (except C420, C421, C424) 9827 (except C420, C421, C424) 9837 (except C420, C421, C424)
<b>Respiratory system</b>	C30:C39	Myeloma	9731-9732, 9734
Larynx	C320:C329	<b>Leukemias</b>	C42
Lung & bronchus	C340:C349	Acute lymphocytic	9826, 9835-9836 9811-9818 (only C421) 9837 (only C421)
Other respiratory system	C300:C301, C310:C319, C384, C339, C381:C383, C388, C390:C399	Chronic lymphocytic	9823 (only C421, if SLL C77)
<b>Bones &amp; joints</b>	C400:C419	Acute myeloid	9840, 9861, 9865-9867, 9869, 9871-9874, 9895-9897, 9898, 9910-9911, 9920,
<b>Soft tissue (including heart)</b>	C380, C470:C479, C490:C499	Acute monocytic	9891
<b>Mesothelioma</b>	9050:9055	Chronic myeloid	9863, 9875-9876, 9945-9946
<b>Kaposi sarcoma</b>	9140	Other	9733, 9742, 9800, 9801, 9805-9809, 9820, 9831-9834, 9860, 9870, 9930, 9931, 9940, 9948, 9963, 9964 9827 (only C421)
<b>Skin</b>	C44	<b>Other, ill-defined, &amp; unknown</b>	9740-9741, 9750-9769, 9950, 9960-9962, 9965-9967, 9970-9971, 9975, 9980, 9982-9987, 9989, 9991-9992 C420-C424 (except 9050-9055, 9140, 9590-9992) C760-C768 (except 9050-9055, 9140, 9590-9992) C770-C779 (except 9050-9055, 9140, 9590-9992) C809 (except 9050-9055, 9140, 9590-9992)
Melanomas of the skin	C440:C449 ( 8720:8790)		
Other skin	C440:C449		
<b>Breast</b>	C500:C509		
<b>Female genital system</b>	C51:C58		
Cervix uteri	C530:C539		
Corpus uteri	C540:C549		
Uterus, NOS	C559		
Ovary	C569		
Other female genital system	C529, C510:C519, C570:C589		

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## CONTACT DETAILS

Epidemiology and  
Cancer Registry  
CancerCare Manitoba  
675 McDermot Ave.  
Winnipeg, MB R3E 0V9

Main line: (204) 787-2174  
Email: [CCMBepireg@cancercare.mb.ca](mailto:CCMBepireg@cancercare.mb.ca)

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Find the Department of Epidemiology and Cancer Registry and data request guidelines online under the Research tab at [www.cancercare.mb.ca](http://www.cancercare.mb.ca)

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