



**Alberta Health
Services**

Cancer Care

**ALBERTA
CANCER
REGISTRY**

2010

Annual Report
of Cancer Statistics

April 2013

ISSN: 1705-0251

TABLE OF CONTENTS

2010 Annual Report of Cancer Statistics

About The Alberta Cancer Registry	2
Introduction	3
Highlights	3
Data	3
Definitions and Explanatory Notes	4
Tables	
1. Top Cancer Sites	
1.1 Top Cancer Sites by Sex	5
1.2 Top Causes of Death due to Cancer by Sex	5
2. New Invasive Cancers by Site	
2.1 Females	6
2.2 Males	8
2.3 Overall	10
3. Incidence Rates per 100,000 of Invasive Cancer by Site	
3.1 Females	12
3.2 Males	15
3.3 Overall	18
4. Deaths Due to Cancer by Site	
4.1 Females	22
4.2 Males	24
4.3 Overall	26
5. Mortality Rates per 100,000 Due to Cancer by Site	
5.1 Females	28
5.2 Males	31
5.3 Overall	34
6. New In Situ Cancers for Most Frequent Sites	
6.1 Females	38
6.2 Males	38
Appendix	39
Contact Information	40

About The Alberta Cancer Registry

The Alberta Cancer Registry is a population-based registry, established in 1942, that records and maintains data on all new cancer cases and cancer deaths occurring in the province. The Alberta Cancer Registry is operated by the Alberta Health Services-Cancer Care and is mandated by the Regional Health Authorities Act of Alberta.

In Alberta, information on new cancer cases and cancer-related deaths is recorded in the Alberta Cancer Registry. The Registry records information about the type of cancer, as well as personal information, such as name, date of birth, sex, provincial health care number and postal code.

The Alberta Cancer Registry is notified of new cancer cases by doctors and laboratories throughout the province. Cancer-related deaths are recorded by the Registry using information from Alberta Vital Statistics and Statistics Canada.

Confidentiality and security of personal information are protected by the Cancer Registry Regulation under Regional Health Authorities Act, Alberta Health Services policies, and the Health Information Act (HIA). The Alberta Cancer Registry maintains the trust of the patient, the government, the data provider, and the general public by requiring rigorous confidentiality and security practices to access the Registry database. Formal policies on information disclosure are available on request from the Alberta Cancer Registry.

By recording information on cancer cases and cancer-related deaths over the past few decades, the Alberta Cancer Registry has been able to compare cancer rates in Alberta with other provinces and countries. The Registry also shares data with health care providers throughout the province so that they can plan effective prevention, treatment and research programs. The registry data can also help identify Albertans who may be eligible for participation in research studies that have been approved by a Research Ethics Board as designated in the Health Information Act. These individuals may then be contacted by the Alberta Cancer Registry on behalf of the researchers.

The Alberta Cancer Registry is certified by the North American Association of Central Cancer Registries (NAACCR). Historically NAACCR has awarded Gold Certification for Alberta Cancer Registry's data based on the completeness of our data, timely reporting, and other measures that judge data quality. Certification for 2010 data is still under review.

If you require further information about the Alberta Cancer Registry, please contact our Cancer Registry offices in Edmonton or Calgary (pg 40).

2010 Annual Report of Cancer Statistics

Introduction

This report is produced by Alberta Health Services, Cancer Measurement Outcomes Research and Evaluation (C-MORE), Cancer Care, Surveillance and Reporting using 2010 Alberta Cancer Registry data. Surveillance and Reporting conducts ongoing, systematic analysis and interpretation of data collected by the Alberta Cancer Registry. Relevant cancer information, such as cancer incidence and mortality in Alberta, is disseminated to clinicians, researchers, oncologists, public health professionals and governmental organizations so that they can plan effective prevention, treatment and research programs.

If further information on cancer statistics is required, please contact Surveillance and Reporting, Cancer Care, Alberta Health Services (pg 40).

Highlights

- In 2010, there were 14,891 cases of cancer diagnosed in Alberta and 5,578 people died from this disease.
- The most common cancers in Alberta in 2010 were breast, prostate, colorectal and lung. These four cancers accounted for 54% of new cancer cases and 51% of cancer deaths.

Data

The numbers published in this report should be considered provisional, as a few 2010 cases and deaths will be registered in subsequent years. The data in this report reflects the state of the Cancer Registry as of July 31, 2012.

Methods for the coding of cancers and deaths from cancer have varied slightly through the years. For this reason, caution should be exercised when comparing this data to that of previous years.

The incidence and mortality rates presented in this report are based on Alberta Health population figures and are standardized to the World, US 2000 and 1991 Canadian standard populations (Appendix).

The incidence cases in this report represent new cases of cancer in Alberta residents. For example, to be included as an incident case, the person must have been an Alberta resident when diagnosed with cancer. The mortality figures in this report represent deaths due to cancer of Alberta residents, regardless of where they were when they died. For example, an Alberta resident dying of cancer while on vacation in British Columbia would be included in this report while a British Columbia resident dying of cancer while on vacation in Alberta would not.

Definitions and Explanatory Notes

<i>Age</i>	The age of the individual (in completed years) at the time of diagnosis or death.
<i>Incidence count</i>	The number of new invasive cases of a particular type of cancer diagnosed during the calendar year. For most sites, the basic unit of reporting is a new primary invasive neoplasm, not an individual person. For basal and squamous cell skin cancers and bladder cancer, only the first invasive cancer of a given histologic type is reported. In situ bladder cancer cases are excluded from bladder cancer incidence counts.
<i>Mortality count</i>	The number of deaths attributed to the particular type of cancer that occurred during the year.
<i>Primary site of cancer</i>	The tissue or organ in which the cancer originates.
<i>Cancer diagnosis site</i>	Cancers are currently coded according to the International Classification of Diseases for Oncology, Third Edition (ICDO-3) which classifies all tumours by site and morphology. The groupings used in this report closely follow SEER groupings for sites. Classification of morphology takes precedence over topography.
<i>Cause of death</i>	The underlying cause of death is coded according to the Tenth Edition of the International Classification of Disease (ICD-10). The groupings used in this report closely follow SEER groupings for sites.
Incidence and Mortality Rates	
<i>Age-specific rate</i>	The number of new cases of cancer or cancer deaths during the year expressed as a rate per 100,000 persons in a given age range. The population used in computing rates is from Alberta Health.
<i>Age-standardized rate</i>	A weighted average of age-specific rates using a standard population distribution. This reflects the overall numbers that would be expected if the population of interest had an age-structure identical to the standard population (1991 Canadian population) and are used to compare cancer rates among populations or identify trends over time. Rates are also standardized to the World and United States 2000 standard populations: consult the Appendix for more details. The Alberta population used in computing rates is from Alberta Health.

Tables

Table 1.1

Top Invasive Cancer Sites by Sex in 2010, Alberta

July 31, 2012

	NUMBER OF CASES		
	FEMALE	MALE	TOTAL
All Cancers (excluding NMSC)	7290	7601	14891
Breast	2266	8	2274
Prostate Gland	n/a	2081	2081
Colorectal	797	1053	1850
Bronchus/Lung	908	935	1843
Non-Hodgkin Lymphoma	299	341	640
Melanoma of Skin	245	290	535
Leukemia	197	320	517
Endometrium	427	n/a	427
Thyroid Gland	317	103	420
Kidney	147	254	401
Pancreas	170	191	361
Bladder	74	246	320
Other Hematopoietic & Reticuloendothelial	109	162	271
Stomach	90	160	250
Unknown Primary	121	97	218
Liver & Intrahepatic Bile Ducts	58	148	206
Multiple Myeloma & Plasmacytoma	78	116	194
Brain	79	114	193
Ovary	173	n/a	173
Esophagus	31	122	153
Cervix Uteri	150	n/a	150
Testis	n/a	129	129
Connective, Subcutaneous & Other Soft Tissues	45	61	106
All Other Cancers (excluding NMSC)	509	670	1179

Table 1.2

Top Causes of Death Due to Cancer by Sex in 2010, Alberta

July 31, 2012

	NUMBER OF DEATHS		
	FEMALE	MALE	TOTAL
All Cancers	2594	2984	5578
Bronchus/Lung	658	787	1445
Breast	399	3	402
Colorectal	319	350	669
Prostate Gland	n/a	349	349
Pancreas	141	154	295
Non-Hodgkin Lymphoma	83	113	196
Unknown Primary	103	78	181
Leukemia	80	100	180
Brain	59	113	172
Stomach	52	110	162
Bladder	37	112	149
Esophagus	36	108	144
Liver & Intrahepatic Bile Ducts	39	89	128
Ovary	125	n/a	125
Kidney	39	70	109
Multiple Myeloma & Plasmacytoma	31	51	82
Melanoma of Skin	18	55	73
Other Hematopoietic & Reticuloendothelial	20	34	54
Endometrium	53	n/a	53
All Other Cancers	302	308	610

Table 2.1

Female New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Head & Neck	0	1	0	1	1	0	4	2	4	7	11	19	9	10	14	8	13	11	2	117
Lip	0	0	0	0	0	0	1	1	0	0	0	2	2	0	1	0	1	0	0	8
Base of Tongue	0	0	0	0	0	0	0	0	1	0	1	2	1	2	0	3	1	1	0	12
Tongue, other & unspecified	0	0	0	0	0	0	1	1	0	4	2	3	1	2	0	1	4	3	1	23
Gum	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	1	3	0	7
Floor of mouth	0	0	0	0	0	0	0	0	0	1	1	2	0	0	2	0	2	1	0	9
Palate	0	0	0	0	0	0	0	0	1	0	3	1	0	2	0	0	0	1	0	8
Mouth, other & unspecified	0	0	0	0	0	0	0	0	1	0	0	2	1	0	3	1	1	1	0	10
Parotid Gland	0	0	0	0	1	0	1	0	0	0	0	1	1	3	0	0	0	0	0	7
Tonsil	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	5
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Nasopharynx	0	1	0	0	0	0	1	0	0	1	1	1	0	0	0	2	0	0	0	7
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
Accessory Sinuses	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	4
Larynx	0	0	0	0	0	0	0	0	0	0	2	3	1	0	2	2	0	0	0	10
Digestive Organs	0	0	0	0	3	3	8	11	26	48	99	121	136	137	149	186	168	124	60	1279
Esophagus	0	0	0	0	0	0	0	0	0	2	2	3	2	5	4	4	6	3	0	31
Stomach	0	0	0	0	0	1	1	1	2	5	8	7	6	7	5	11	16	10	10	90
Small Intestine	0	0	0	0	0	0	0	0	0	1	4	2	7	2	2	2	1	2	0	23
Colon	0	0	0	0	1	1	2	4	11	17	38	41	65	63	84	86	93	64	24	594
Rectosigmoid Junction	0	0	0	0	0	1	0	1	0	4	7	5	6	4	2	5	4	7	2	48
Rectum	0	0	0	0	1	0	2	4	7	7	15	25	18	10	15	29	14	4	4	155
Anus & Anal Canal	0	0	0	0	0	0	0	0	2	6	6	7	3	3	1	4	1	2	1	36
Liver & Intrahepatic Bile Ducts	0	0	0	0	1	0	2	0	3	1	1	5	7	6	12	5	7	7	1	58
Gall bladder	0	0	0	0	0	0	0	0	0	0	6	7	2	4	4	4	1	3	3	34
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	1	2	1	2	2	7	4	4	4	3	1	31
Pancreas	0	0	0	0	0	0	1	1	0	3	11	16	15	24	16	31	21	17	14	170
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0	1	0	2	0	9
Respiratory & Intrathoracic Organs	0	0	0	0	1	0	0	3	5	29	54	76	129	131	174	145	106	47	19	919
Trachea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Bronchus/Lung	0	0	0	0	1	0	0	2	5	28	53	75	127	130	173	142	106	47	19	908
Thymus	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0	4
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	1	1	0	2	0	1	1	0	0	0	6
Bones & Connective Tissue	3	0	1	2	1	2	0	2	3	0	3	8	2	6	4	5	4	4	2	52
Bones, Joints & Articular Cartilage of Limbs	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	4
Connective, Subcutaneous & Other Soft Tissues	3	0	1	1	1	2	0	2	2	0	3	7	2	5	4	2	4	4	2	45

(continued)

Table 2.1

Female New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Melanoma	0	0	0	0	4	15	9	16	22	25	36	26	33	20	8	14	19	9	7	263
Melanoma of Skin	0	0	0	0	4	15	9	16	22	25	35	22	29	20	6	10	19	7	6	245
Melanoma of Eye	0	0	0	0	0	0	0	0	0	0	1	2	2	0	1	2	0	1	0	9
Melanoma - other	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	2	0	1	1	9
Nonmelanoma Skin	0	0	1	0	7	18	36	72	123	223	298	274	303	297	283	285	296	211	155	2882
Peripheral Nerves & Autonomic Nervous System	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	2	0	4	1	4	7	3	5	7	4	0	0	37
Breast	0	0	0	0	2	9	32	67	135	265	294	282	310	232	205	185	120	85	43	2266
Female Genital Organs	0	0	2	1	8	11	27	33	34	76	110	117	131	90	57	56	43	24	11	831
Vulva	0	0	0	0	0	0	2	0	0	4	8	3	2	3	3	6	3	1	1	36
Vagina	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	1	1	0	0	8
Cervix Uteri	0	0	0	0	4	8	20	20	14	23	11	14	12	9	2	5	3	4	1	150
Endometrium	0	0	0	0	1	1	3	10	8	32	62	70	90	56	34	28	19	9	4	427
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	1	4	1	1	3	0	0	2	1	0	13
Ovary	0	0	2	1	3	2	2	3	9	13	25	23	22	15	13	14	13	8	5	173
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	3	3	0	5	4	2	2	2	2	1	0	24
Urinary Tract	1	0	0	0	1	0	3	6	8	17	19	23	36	23	33	27	27	19	11	254
Kidney	1	0	0	0	1	0	3	6	7	15	13	14	22	14	17	13	9	8	4	147
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	2	2	1	2	2	3	1	1	1	15
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3	3	17
Bladder	0	0	0	0	0	0	0	0	1	2	4	7	13	4	11	8	14	7	3	74
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Eye, Brain & Other CNS	6	5	0	2	1	7	4	7	4	8	10	6	3	5	7	1	4	4	2	86
Eye & Adnexa	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	4
Meninges	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
Brain	4	4	0	2	1	7	4	7	4	6	9	6	3	5	7	1	4	3	2	79
Spinal Cord, Cranial Nerves and other CNS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Thyroid & Other Endocrine Glands	1	0	1	4	12	21	28	37	41	47	42	30	12	20	14	6	6	0	2	324
Thyroid Gland	0	0	1	4	12	21	28	36	41	47	41	29	12	18	14	5	6	0	2	317
Adrenal Gland	1	0	0	0	0	0	0	0	0	0	1	1	0	2	0	1	0	0	0	6
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Hematopoietic & Reticuloendothelial Systems	15	5	4	8	8	14	8	14	12	40	43	60	72	81	84	94	86	62	24	734
Non-Hodgkin lymphoma	1	1	2	1	2	3	2	7	4	20	19	24	29	35	35	44	31	25	14	299
Hodgkin lymphoma	0	1	2	5	5	6	0	4	2	2	2	0	2	6	2	1	1	0	0	41
Leukemia	10	3	0	1	1	4	3	3	4	10	10	19	19	21	19	16	27	19	8	197
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	1	4	6	8	11	11	9	9	12	5	2	78
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	1	0	3	0	10
Other Hematopoietic & Reticuloendothelial	4	0	0	1	0	1	3	0	1	4	6	8	9	8	16	23	15	10	0	109
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	1	1	5
Unknown Primary	0	0	0	0	1	1	0	2	1	2	7	11	13	10	6	21	16	21	9	121
All Sites	26	11	10	18	50	101	159	274	419	791	1027	1058	1196	1065	1043	1040	913	623	348	10172
All Sites Excluding Nonmelanoma Skin	26	11	9	18	43	83	123	202	296	568	729	784	893	768	760	755	617	412	193	7290

Table 2.2

Male New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																		Total	
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89		90+
Head & Neck	0	0	0	0	1	3	3	7	9	27	47	66	47	48	25	20	16	9	3	331
Lip	0	0	0	0	0	0	0	0	0	2	2	3	1	2	4	0	1	0	0	15
Base of Tongue	0	0	0	0	0	0	0	0	2	5	15	13	10	6	3	2	0	1	0	57
Tongue, other & unspecified	0	0	0	0	0	1	0	2	2	5	4	6	2	2	1	0	3	0	1	29
Gum	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	1	2	0	0	8
Floor of mouth	0	0	0	0	0	0	0	0	0	0	2	5	5	2	0	1	0	0	0	15
Palate	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	3
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	2	5	2	2	1	1	1	0	15
Parotid Gland	0	0	0	0	0	0	1	0	1	0	2	1	2	0	0	1	1	2	1	12
Tonsil	0	0	0	0	0	0	0	0	2	7	10	12	8	4	3	4	1	0	0	51
Oropharynx	0	0	0	0	0	0	0	1	1	0	0	3	1	3	1	0	1	0	0	11
Nasopharynx	0	0	0	0	0	0	1	3	1	4	2	3	3	5	1	1	1	0	0	25
Pyramidal Sinus	0	0	0	0	0	0	0	0	0	0	3	1	2	0	0	2	1	0	0	9
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	5
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	3
Nasal Cavity & Middle Ear	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	4
Accessory Sinuses	0	0	0	0	0	0	0	1	0	0	1	1	2	0	0	0	0	0	0	5
Larynx	0	0	0	0	0	0	0	0	0	3	5	11	4	18	9	6	4	3	1	64
Digestive Organs	2	0	0	4	2	8	7	8	33	78	144	229	218	227	233	242	192	113	32	1772
Esophagus	0	0	0	0	1	0	0	0	1	3	13	19	14	17	20	10	17	5	2	122
Stomach	0	0	0	0	0	1	0	1	4	6	13	11	24	21	16	37	9	15	2	160
Small Intestine	0	0	0	0	0	0	0	0	0	5	3	3	2	7	3	5	5	1	1	35
Colon	0	0	0	1	0	2	2	3	11	23	45	73	66	78	94	96	68	46	9	617
Rectosigmoid Junction	0	0	0	0	0	1	0	2	1	8	8	15	9	16	9	14	12	1	2	98
Rectum	0	0	0	2	1	0	4	0	10	15	28	49	36	52	44	39	31	17	10	338
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	0	2	2	4	2	1	2	1	1	0	15
Liver & Intrahepatic Bile Ducts	2	0	0	1	0	1	0	0	2	7	15	30	31	11	15	12	10	11	0	148
Gall bladder	0	0	0	0	0	1	0	0	0	1	1	2	0	0	1	1	3	2	0	12
Biliary Tract, other & unspecified	0	0	0	0	0	1	0	0	0	1	0	6	5	3	3	5	3	2	1	30
Pancreas	0	0	0	0	0	0	1	2	4	9	16	19	27	20	27	21	30	11	4	191
Digestive Organs, other & ill-defined	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	1	1	6
Respiratory & Intrathoracic Organs	0	0	0	0	1	3	1	0	12	17	45	84	142	139	173	178	130	39	14	978
Bronchus/Lung	0	0	0	0	0	2	0	0	11	17	44	83	135	134	161	171	127	36	14	935
Thymus	0	0	0	0	0	0	1	0	1	0	0	0	2	2	2	1	0	0	0	9
Heart, Mediastinum & Pleura	0	0	0	0	1	1	0	0	0	0	1	0	5	3	10	6	3	3	0	33
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Bones & Connective Tissue	4	1	2	3	3	1	0	4	4	8	10	9	7	4	5	9	2	0	1	77
Bones, Joints & Articular Cartilage of Limbs	0	0	1	1	1	0	0	0	1	0	1	1	1	0	0	1	0	0	0	8
Bones, Joints & Articular Cartilage of Other Sites	0	0	1	1	0	0	0	1	0	0	2	0	1	1	0	0	1	0	0	8
Connective, Subcutaneous & Other Soft Tissues	4	1	0	1	2	1	0	3	3	8	7	8	5	3	5	8	1	0	1	61

(continued)

**Table 2.2
Male New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta**

July 31, 2012

	Age at Diagnosis																			Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Melanoma	2	0	1	3	0	3	6	16	10	20	43	30	38	22	41	34	23	13	5	310
Melanoma of Skin	0	0	1	3	0	3	5	16	10	18	39	30	37	21	39	29	23	11	5	290
Melanoma of Eye	0	0	0	0	0	0	1	0	0	1	4	0	1	1	2	4	0	0	0	14
Melanoma - other	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	0	6
Nonmelanoma Skin	0	0	0	4	1	11	27	52	104	185	296	358	495	488	458	471	407	244	98	3699
Peripheral Nerves & Autonomic Nervous System	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	0	0	1	2	3	2	1	1	0	1	0	0	11
Breast	0	0	0	0	0	0	0	1	0	0	0	1	2	2	0	1	1	0	0	8
Male Genital Organs	1	1	1	4	21	21	28	17	26	76	153	326	377	418	317	238	127	63	16	2231
Penis	0	1	0	0	0	0	1	0	2	1	0	1	0	3	3	3	1	2	0	18
Prostate Gland	0	0	0	0	0	0	0	1	10	62	145	323	377	414	313	233	126	61	16	2081
Testis	1	0	1	4	21	21	27	16	14	12	7	2	0	1	1	1	0	0	0	129
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	3
Urinary Tract	0	1	0	0	1	1	3	5	12	30	38	61	76	67	66	75	52	41	12	541
Kidney	0	1	0	0	1	0	3	5	9	20	29	35	40	38	31	22	14	5	1	254
Renal Pelvis	0	0	0	0	0	0	0	0	0	1	0	3	1	3	1	3	2	1	0	15
Ureter	0	0	0	0	0	0	0	0	0	0	1	2	0	2	3	6	0	0	0	14
Bladder	0	0	0	0	0	1	0	0	3	8	8	20	35	23	30	43	35	30	10	246
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	5	1	12
Eye, Brain & Other CNS	8	2	2	2	2	3	4	4	7	10	12	12	16	11	7	7	8	2	1	120
Eye & Adnexa	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	3
Meninges	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Brain	7	2	2	2	2	3	4	3	6	10	12	12	15	10	7	7	7	2	1	114
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Thyroid & Other Endocrine Glands	2	1	2	2	4	4	6	7	14	15	15	10	11	8	6	1	4	1	0	113
Thyroid Gland	0	0	0	1	3	4	5	7	14	15	14	10	10	8	6	1	4	1	0	103
Adrenal Gland	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Other Endocrine Glands & Related Structures	0	1	2	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	7
Hematopoietic & Reticuloendothelial Systems	13	6	4	7	17	19	9	29	29	45	68	93	135	112	117	123	93	61	13	993
Non-Hodgkin Lymphoma	1	0	0	4	1	5	6	12	17	20	31	35	45	34	42	46	22	16	4	341
Hodgkin Lymphoma	0	0	2	0	10	6	3	6	2	2	1	2	3	0	1	0	1	0	0	39
Leukemia	11	4	2	2	5	6	0	5	7	12	24	29	44	41	42	31	27	24	4	320
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	1	0	3	1	6	7	14	20	11	13	19	14	5	2	116
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	3	0	0	0	15
Other Hematopoietic & Reticuloendothelial	1	2	0	1	1	1	0	3	2	5	4	11	20	23	16	24	29	16	3	162
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	3	2	3	2	2	2	3	0	0	0	0	17
Unknown Primary	1	0	0	0	1	0	0	1	0	2	3	7	9	9	16	18	18	11	1	97
All Sites	33	12	12	29	55	77	94	151	263	516	879	1291	1577	1558	1468	1418	1074	597	196	11300
All Sites Excluding Nonmelanoma Skin	33	12	12	25	54	66	67	99	159	331	583	933	1082	1070	1010	947	667	353	98	7601

Table 2.3
Overall New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Head & Neck	0	1	0	1	2	3	7	9	13	34	58	85	56	58	39	28	29	20	5	448
Lip	0	0	0	0	0	0	1	1	0	2	2	5	3	2	5	0	2	0	0	23
Base of Tongue	0	0	0	0	0	0	0	0	3	5	16	15	11	8	3	5	1	2	0	69
Tongue, other & unspecified	0	0	0	0	0	1	1	3	2	9	6	9	3	4	1	1	7	3	2	52
Gum	0	0	0	0	0	1	0	0	0	0	0	5	0	0	2	1	3	3	0	15
Floor of mouth	0	0	0	0	0	0	0	0	0	1	3	7	5	2	2	1	2	1	0	24
Palate	0	0	0	0	0	0	0	0	1	1	3	1	0	3	0	0	0	2	0	11
Mouth, other & unspecified	0	0	0	0	0	0	0	0	1	0	1	4	6	2	5	2	2	2	0	25
Parotid Gland	0	0	0	0	1	0	2	0	1	0	2	2	3	3	0	1	1	2	1	19
Tonsil	0	0	0	0	0	0	0	0	3	8	11	12	9	5	3	4	1	0	0	56
Oropharynx	0	0	0	0	0	0	0	1	1	0	0	3	1	3	1	0	1	1	0	12
Nasopharynx	0	1	0	0	0	0	2	3	1	5	3	4	3	5	1	1	3	0	0	32
Pyramidal Sinus	0	0	0	0	0	0	0	0	0	0	3	1	2	0	0	2	1	0	0	9
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0	1	7
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	0	0	4
Nasal Cavity & Middle Ear	0	0	0	0	1	0	1	0	0	0	0	0	1	0	2	1	0	1	0	7
Accessory Sinuses	0	0	0	1	0	0	0	1	0	0	1	2	2	0	2	0	0	0	0	9
Larynx	0	0	0	0	0	0	0	0	0	3	7	14	5	18	11	8	4	3	1	74
Digestive Organs	2	0	0	4	5	11	15	19	59	126	243	350	354	364	382	428	360	237	92	3051
Esophagus	0	0	0	0	1	0	0	0	1	5	15	22	16	22	24	14	23	8	2	153
Stomach	0	0	0	0	0	2	1	2	6	11	21	18	30	28	21	48	25	25	12	250
Small Intestine	0	0	0	0	0	0	0	0	0	6	7	5	9	9	5	7	6	3	1	58
Colon	0	0	0	1	1	3	4	7	22	40	83	114	131	141	178	182	161	110	33	1211
Rectosigmoid Junction	0	0	0	0	0	2	0	3	1	12	15	20	15	20	11	19	16	8	4	146
Rectum	0	0	0	2	2	0	6	4	17	22	43	74	54	62	59	68	45	21	14	493
Anus & Anal Canal	0	0	0	0	0	0	0	0	2	6	8	9	7	5	2	6	2	3	1	51
Liver & Intrahepatic Bile Ducts	2	0	0	1	1	1	2	0	5	8	16	35	38	17	27	17	17	18	1	206
Gall bladder	0	0	0	0	0	1	0	0	0	1	7	9	2	4	5	5	4	5	3	46
Biliary Tract, other & unspecified	0	0	0	0	0	1	0	0	1	3	1	8	7	10	7	9	7	5	2	61
Pancreas	0	0	0	0	0	0	2	3	4	12	27	35	42	44	43	52	51	28	18	361
Digestive Organs, other & ill-defined	0	0	0	0	0	1	0	0	0	0	0	1	3	2	0	1	3	3	1	15
Respiratory & Intrathoracic Organs	0	0	0	0	2	3	1	3	17	46	99	160	271	270	347	323	236	86	33	1897
Trachea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Bronchus/Lung	0	0	0	0	1	2	0	2	16	45	97	158	262	264	334	313	233	83	33	1843
Thymus	0	0	0	0	0	0	1	1	1	0	0	1	2	3	2	2	0	0	0	13
Heart, Mediastinum & Pleura	0	0	0	0	1	1	0	0	0	1	2	0	7	3	11	7	3	3	0	39
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Bones & Connective Tissue	7	1	3	5	4	3	0	6	7	8	13	17	9	10	9	14	6	4	3	129
Bones, Joints & Articular Cartilage of Limbs	0	0	1	2	1	0	0	0	1	0	1	1	1	0	0	3	0	0	0	11
Bones, Joints & Articular Cartilage of Other Sites	0	0	1	1	0	0	0	1	1	0	2	1	1	2	0	1	1	0	0	12
Connective, Subcutaneous & Other Soft Tissues	7	1	1	2	3	3	0	5	5	8	10	15	7	8	9	10	5	4	3	106
Melanoma	2	0	1	3	4	18	15	32	32	45	79	56	71	42	49	48	42	22	12	573
Melanoma of Skin	0	0	1	3	4	18	14	32	32	43	74	52	66	41	45	39	42	18	11	535
Melanoma of Eye	0	0	0	0	0	0	1	0	0	1	5	2	3	1	3	6	0	1	0	23
Melanoma - other	2	0	0	0	0	0	0	0	0	1	0	2	2	0	1	3	0	3	1	15

(continued)

Table 2.3

Overall New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Nonmelanoma Skin	0	0	1	4	8	29	63	124	227	408	594	632	798	785	741	756	703	455	253	6581
Peripheral Nerves & Autonomic Nervous System	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	4
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	2	0	5	3	7	9	4	6	7	5	0	0	48
Breast	0	0	0	0	2	9	32	68	135	265	294	283	312	234	205	186	121	85	43	2274
Female Genital Organs	0	0	2	1	8	11	27	33	34	76	110	117	131	90	57	56	43	24	11	831
Vulva	0	0	0	0	0	0	2	0	0	4	8	3	2	3	3	6	3	1	1	36
Vagina	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	1	1	0	0	8
Cervix Uteri	0	0	0	0	4	8	20	20	14	23	11	14	12	9	2	5	3	4	1	150
Endometrium	0	0	0	0	1	1	3	10	8	32	62	70	90	56	34	28	19	9	4	427
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	1	4	1	1	3	0	0	2	1	0	13
Ovary	0	0	2	1	3	2	2	3	9	13	25	23	22	15	13	14	13	8	5	173
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	3	3	0	5	4	2	2	2	2	1	0	24
Male Genital Organs	1	1	1	4	21	21	28	17	26	76	153	326	377	418	317	238	127	63	16	2231
Penis	0	1	0	0	0	0	1	0	2	1	0	1	0	3	3	3	1	2	0	18
Prostate Gland	0	0	0	0	0	0	0	1	10	62	145	323	377	414	313	233	126	61	16	2081
Testis	1	0	1	4	21	21	27	16	14	12	7	2	0	1	1	1	0	0	0	129
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	3
Urinary Tract	1	1	0	0	2	1	6	11	20	47	57	84	112	90	99	102	79	60	23	795
Kidney	1	1	0	0	2	0	6	11	16	35	42	49	62	52	48	35	23	13	5	401
Renal Pelvis	0	0	0	0	0	0	0	0	0	1	2	5	2	5	3	6	3	2	1	30
Ureter	0	0	0	0	0	0	0	0	0	0	1	2	0	4	6	9	3	3	3	31
Bladder	0	0	0	0	0	1	0	0	4	10	12	27	48	27	41	51	49	37	13	320
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	1	1	5	1	13
Eye, Brain & Other CNS	14	7	2	4	3	10	8	11	11	18	22	18	19	16	14	8	12	6	3	206
Eye & Adnexa	3	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	7
Meninges	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	3
Brain	11	6	2	4	3	10	8	10	10	16	21	18	18	15	14	8	11	5	3	193
Spinal Cord, Cranial Nerves and other CNS	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	3
Thyroid & Other Endocrine Glands	3	1	3	6	16	25	34	44	55	62	57	40	23	28	20	7	10	1	2	437
Thyroid Gland	0	0	1	5	15	25	33	43	55	62	55	39	22	26	20	6	10	1	2	420
Adrenal Gland	3	0	0	1	0	0	0	0	0	0	1	1	0	2	0	1	0	0	0	9
Other Endocrine Glands & Related Structures	0	1	2	0	1	0	1	1	0	0	1	0	1	0	0	0	0	0	0	8
Hematopoietic & Reticuloendothelial Systems	28	11	8	15	25	33	17	43	41	85	111	153	207	193	201	217	179	123	37	1727
Non-Hodgkin lymphoma	2	1	2	5	3	8	8	19	21	40	50	59	74	69	77	90	53	41	18	640
Hodgkin lymphoma	0	1	4	5	15	12	3	10	4	4	3	2	5	6	3	1	2	0	0	80
Leukemia	21	7	2	3	6	10	3	8	11	22	34	48	63	62	61	47	54	43	12	517
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	1	0	3	2	10	13	22	31	22	22	28	26	10	4	194
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	1	3	5	3	6	4	0	3	0	25
Other Hematopoietic & Reticuloendothelial	5	2	0	2	1	2	3	3	3	9	10	19	29	31	32	47	44	26	3	271
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	3	2	3	3	2	2	3	0	1	2	1	22
Unknown Primary	1	0	0	0	2	1	0	3	1	4	10	18	22	19	22	39	34	32	10	218
All Sites	59	23	22	47	105	178	253	425	682	1307	1906	2349	2773	2623	2511	2458	1987	1220	544	21472
All Sites Excluding Nonmelanoma Skin	59	23	21	43	97	149	190	301	455	899	1312	1717	1975	1838	1770	1702	1284	765	291	14891

**Table 3.1
Female Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta**

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Head & Neck	0.0	0.9	0.0	0.8	0.7	0.0	2.9	1.5	3.1	4.8	8.0	17.1	10.2	16.1	28.9	19.8	40.3	51.5	15.3	4.1	6.1	5.5
Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	1.8	2.3	0.0	2.1	0.0	3.1	0.0	0.0	0.3	0.4	0.4
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.7	1.8	1.1	3.2	0.0	7.4	3.1	4.7	0.0	0.4	0.6	0.6
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	2.7	1.5	2.7	1.1	3.2	0.0	2.5	12.4	14.0	7.7	0.7	1.2	1.0
Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	4.1	0.0	3.1	14.0	0.0	0.2	0.4	0.3
Floor of mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.8	0.0	0.0	4.1	0.0	6.2	4.7	0.0	0.3	0.5	0.4
Palate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.2	0.9	0.0	3.2	0.0	0.0	0.0	4.7	0.0	0.3	0.4	0.4
Mouth, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.8	1.1	0.0	6.2	2.5	3.1	4.7	0.0	0.3	0.6	0.5
Parotid Gland	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.9	1.1	4.8	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.4
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.7	0.0	1.1	1.6	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0
Nasopharynx	0.0	0.9	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.7	0.9	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.3	0.4	0.3
Pyriform Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	7.7	0.0	0.1	0.1
Lip, Oral Cavity & Pharynx, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.1	0.0
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	4.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2
Accessory Sinuses	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.2	0.2	0.2
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.7	1.1	0.0	4.1	4.9	0.0	0.0	0.0	0.4	0.5	0.5
Digestive Organs	0.0	0.0	0.0	0.0	2.2	2.0	5.7	8.3	19.9	33.0	71.9	108.8	154.5	219.9	307.5	459.3	520.3	580.4	459.2	41.1	68.4	60.1
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	2.7	2.3	8.0	8.3	9.9	18.6	14.0	0.0	1.0	1.7	1.5
Stomach	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.8	1.5	3.4	5.8	6.3	6.8	11.2	10.3	27.2	49.6	46.8	76.5	2.6	4.7	4.0
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.9	1.8	8.0	3.2	4.1	4.9	3.1	9.4	0.0	0.8	1.1	1.1
Colon	0.0	0.0	0.0	0.0	0.7	0.7	1.4	3.0	8.4	11.7	27.6	36.9	73.9	101.1	173.4	212.4	288.0	299.5	183.7	18.7	32.2	28.2
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	2.7	5.1	4.5	6.8	6.4	4.1	12.3	12.4	32.8	15.3	1.6	2.4	2.1
Rectum	0.0	0.0	0.0	0.0	0.7	0.0	1.4	3.0	5.4	4.8	10.9	22.5	20.5	16.1	31.0	71.6	43.4	18.7	30.6	5.3	8.3	7.5
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.1	4.4	6.3	3.4	4.8	2.1	9.9	3.1	9.4	7.7	1.3	1.8	1.6
Liver & Intrahepatic Bile Ducts	0.0	0.0	0.0	0.0	0.7	0.0	1.4	0.0	2.3	0.7	0.7	4.5	8.0	9.6	24.8	12.3	21.7	32.8	7.7	2.0	3.2	2.9
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	6.3	2.3	6.4	8.3	9.9	3.1	14.0	23.0	1.1	1.7	1.5
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	0.7	1.8	2.3	11.2	8.3	9.9	12.4	14.0	7.7	1.0	1.7	1.5
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	2.1	8.0	14.4	17.0	38.5	33.0	76.5	65.0	79.6	107.1	5.2	9.1	8.0
Digestive Organs, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.4	3.2	0.0	2.5	0.0	9.4	0.0	0.3	0.4	0.4
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.3	3.8	19.9	39.2	68.3	146.6	210.3	359.1	358.1	328.3	220.0	145.4	31.8	50.5	45.9
Trachea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.1	0.1
Bronchus/Lung	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.5	3.8	19.2	38.5	67.4	144.3	208.7	357.1	350.6	328.3	220.0	145.4	31.4	49.9	45.4
Thymus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.9	0.0	1.6	0.0	2.5	0.0	0.0	0.0	0.2	0.2	0.2

(continued)

**Table 3.1
Female Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta**

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	2.3	0.0	2.1	2.5	0.0	0.0	0.0	0.2	0.3	0.3
Respiratory & Intrathoracic, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bones & Connective Tissue	2.4	0.0	0.9	1.7	0.7	1.3	0.0	1.5	2.3	0.0	2.2	7.2	2.3	9.6	8.3	12.3	12.4	18.7	15.3	2.1	2.8	2.6
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.1	0.2	0.2
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.9	0.0	1.6	0.0	2.5	0.0	0.0	0.0	0.2	0.2	0.2
Connective, Subcutaneous & Other Soft Tissues	2.4	0.0	0.9	0.8	0.7	1.3	0.0	1.5	1.5	0.0	2.2	6.3	2.3	8.0	8.3	4.9	12.4	18.7	15.3	1.9	2.4	2.2
Melanoma	0.0	0.0	0.0	0.0	2.9	9.9	6.4	12.0	16.8	17.2	26.1	23.4	37.5	32.1	16.5	34.6	58.8	42.1	53.6	10.1	13.4	12.6
Melanoma of Skin	0.0	0.0	0.0	0.0	2.9	9.9	6.4	12.0	16.8	17.2	25.4	19.8	33.0	32.1	12.4	24.7	58.8	32.8	45.9	9.5	12.5	11.8
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	2.3	0.0	2.1	4.9	0.0	4.7	0.0	0.3	0.5	0.4
Melanoma - other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.3	0.0	2.1	4.9	0.0	4.7	7.7	0.3	0.5	0.4
Nonmelanoma Skin	0.0	0.0	0.9	0.0	5.2	11.9	25.7	54.2	94.0	153.1	216.3	246.4	344.3	476.7	584.1	703.8	916.8	987.6	1186.2	98.4	151.7	135.0
Peripheral Nerves & Autonomic Nervous System	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.7	0.7	3.6	8.0	4.8	10.3	17.3	12.4	0.0	0.0	1.3	2.0	1.9
Breast	0.0	0.0	0.0	0.0	1.5	5.9	22.8	50.5	103.2	182.0	213.4	253.6	352.3	372.4	423.1	456.8	371.7	397.8	329.1	84.9	118.0	107.8
Female Genital Organs	0.0	0.0	1.8	0.8	5.9	7.3	19.3	24.9	26.0	52.2	79.9	105.2	148.9	144.5	117.6	138.3	133.2	112.3	84.2	32.0	42.6	39.9
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	2.7	5.8	2.7	2.3	4.8	6.2	14.8	9.3	4.7	7.7	1.2	1.9	1.7
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	3.2	6.2	2.5	3.1	0.0	0.0	0.3	0.5	0.4
Cervix Uteri	0.0	0.0	0.0	0.0	2.9	5.3	14.3	15.1	10.7	15.8	8.0	12.6	13.6	14.4	4.1	12.3	9.3	18.7	7.7	6.2	7.8	7.8
Endometrium	0.0	0.0	0.0	0.0	0.7	0.7	2.1	7.5	6.1	22.0	45.0	62.9	102.3	89.9	70.2	69.1	58.8	42.1	30.6	16.5	21.6	20.2
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.9	0.9	1.1	4.8	0.0	0.0	6.2	4.7	0.0	0.5	0.6	0.6
Ovary	0.0	0.0	1.8	0.8	2.2	1.3	1.4	2.3	6.9	8.9	18.1	20.7	25.0	24.1	26.8	34.6	40.3	37.4	38.3	6.4	8.9	8.1
Female Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.1	0.0	4.5	4.5	3.2	4.1	4.9	6.2	4.7	0.0	0.9	1.3	1.2
Urinary Tract	0.8	0.0	0.0	0.0	0.7	0.0	2.1	4.5	6.1	11.7	13.8	20.7	40.9	36.9	68.1	66.7	83.6	88.9	84.2	8.8	13.5	12.1
Kidney	0.8	0.0	0.0	0.0	0.7	0.0	2.1	4.5	5.4	10.3	9.4	12.6	25.0	22.5	35.1	32.1	27.9	37.4	30.6	5.5	7.8	7.1
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.8	1.1	3.2	4.1	7.4	3.1	4.7	7.7	0.5	0.8	0.7
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	6.2	7.4	9.3	14.0	23.0	0.4	0.9	0.8
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	2.9	6.3	14.8	6.4	22.7	19.8	43.4	32.8	23.0	2.3	3.9	3.4
Urinary Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Eye, Brain & Other CNS	4.9	4.6	0.0	1.7	0.7	4.6	2.9	5.3	3.1	5.5	7.3	5.4	3.4	8.0	14.4	2.5	12.4	18.7	15.3	4.0	4.6	4.4
Eye & Adnexa	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.2	0.2	0.2
Meninges	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Brain	3.3	3.7	0.0	1.7	0.7	4.6	2.9	5.3	3.1	4.1	6.5	5.4	3.4	8.0	14.4	2.5	12.4	14.0	15.3	3.6	4.2	4.1
Spinal Cord, Cranial Nerves and other CNS	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1

(continued)

**Table 3.1
Female Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta**

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Thyroid & Other Endocrine Glands	0.8	0.0	0.9	3.3	8.8	13.9	20.0	27.9	31.3	32.3	30.5	27.0	13.6	32.1	28.9	14.8	18.6	0.0	15.3	13.9	17.0	16.7
Thyroid Gland	0.0	0.0	0.9	3.3	8.8	13.9	20.0	27.1	31.3	32.3	29.8	26.1	13.6	28.9	28.9	12.3	18.6	0.0	15.3	13.6	16.6	16.3
Adrenal Gland	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	3.2	0.0	2.5	0.0	0.0	0.0	0.3	0.3	0.3
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Hematopoietic & Reticuloendothelial Systems	12.2	4.6	3.6	6.7	5.9	9.2	5.7	10.5	9.2	27.5	31.2	53.9	81.8	130.0	173.4	232.1	266.4	290.2	183.7	26.5	39.5	35.7
Non-Hodgkin lymphoma	0.8	0.9	1.8	0.8	1.5	2.0	1.4	5.3	3.1	13.7	13.8	21.6	33.0	56.2	72.2	108.7	96.0	117.0	107.1	10.2	16.1	14.4
Hodgkin lymphoma	0.0	0.9	1.8	4.2	3.7	4.0	0.0	3.0	1.5	1.4	1.5	0.0	2.3	9.6	4.1	2.5	3.1	0.0	0.0	2.2	2.2	2.3
Leukemia	8.2	2.7	0.0	0.8	0.7	2.6	2.1	2.3	3.1	6.9	7.3	17.1	21.6	33.7	39.2	39.5	83.6	88.9	61.2	7.4	10.4	9.4
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.7	4.4	7.2	12.5	17.7	18.6	22.2	37.2	23.4	15.3	2.6	4.1	3.7
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.3	0.0	6.2	2.5	0.0	14.0	0.0	0.3	0.5	0.5
Other Hematopoietic & Reticuloendothelial	3.3	0.0	0.0	0.8	0.0	0.7	2.1	0.0	0.8	2.7	4.4	7.2	10.2	12.8	33.0	56.8	46.5	46.8	0.0	3.8	6.1	5.4
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	3.1	9.4	7.7	0.1	0.2	0.2
Unknown Primary	0.0	0.0	0.0	0.0	0.7	0.7	0.0	1.5	0.8	1.4	5.1	9.9	14.8	16.1	12.4	51.9	49.6	98.3	68.9	3.5	6.3	5.4
All Sites	21.2	10.1	9.0	15.0	36.9	66.7	113.4	206.3	320.4	543.1	745.5	951.3	1359.1	1709.4	2152.7	2568.1	2827.8	2915.8	2663.2	362.9	536.9	485.8
All Sites Excluding Nonmelanoma Skin	21.2	10.1	8.1	15.0	31.7	54.8	87.7	152.1	226.3	390.0	529.2	704.9	1014.8	1232.7	1568.6	1864.3	1911.0	1928.3	1477.0	264.5	385.2	350.8

Table 3.2

Male Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Head & Neck	0.0	0.0	0.0	0.0	0.7	2.0	2.1	5.1	6.7	18.3	32.9	56.8	52.8	78.6	55.3	56.4	66.7	74.5	60.1	12.9	17.7	16.3
Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.6	1.1	3.3	8.8	0.0	4.2	0.0	0.0	0.6	0.8	0.8
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.4	10.5	11.2	11.2	9.8	6.6	5.6	0.0	8.3	0.0	2.2	2.8	2.5
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.5	1.5	3.4	2.8	5.2	2.2	3.3	2.2	0.0	12.5	0.0	20.0	1.1	1.5	1.4
Gum	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	2.8	8.3	0.0	0.0	0.3	0.4	0.4
Floor of mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	4.3	5.6	3.3	0.0	2.8	0.0	0.0	0.0	0.6	0.7	0.7
Palate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.6	0.0	0.0	0.0	8.3	0.0	0.1	0.2	0.2
Mouth, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	5.6	3.3	4.4	2.8	4.2	8.3	0.0	0.6	0.8	0.8
Parotid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	1.4	0.9	2.2	0.0	0.0	2.8	4.2	16.6	20.0	0.4	0.8	0.6
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.8	7.0	10.3	9.0	6.6	6.6	11.3	4.2	0.0	0.0	2.0	2.6	2.3
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	2.6	1.1	4.9	2.2	0.0	4.2	0.0	0.0	0.4	0.6	0.6
Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.2	0.7	2.7	1.4	2.6	3.4	8.2	2.2	2.8	4.2	0.0	0.0	1.0	1.3	1.3
Pyiform Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.9	2.2	0.0	0.0	5.6	4.2	0.0	0.0	0.3	0.5	0.4
Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	3.3	2.2	0.0	0.0	0.0	0.0	0.2	0.3	0.3
Lip, Oral Cavity & Pharynx, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	8.3	0.0	0.2	0.3	0.2
Accessory Sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.5	9.5	4.5	29.5	19.9	16.9	16.7	24.8	20.0	2.5	3.8	3.5
Digestive Organs	1.5	0.0	0.0	3.2	1.5	5.4	5.0	5.8	24.7	53.0	100.9	197.1	244.8	371.9	515.0	682.7	800.2	935.4	641.3	65.6	107.8	95.0
Esophagus	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	2.0	9.1	16.4	15.7	27.9	44.2	28.2	70.9	41.4	40.1	4.5	7.3	6.4
Stomach	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	3.0	4.1	9.1	9.5	27.0	34.4	35.4	104.4	37.5	124.2	40.1	5.9	10.1	8.8
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	2.1	2.6	2.2	11.5	6.6	14.1	20.8	8.3	20.0	1.3	2.1	1.9
Colon	0.0	0.0	0.0	0.8	0.0	1.3	1.4	2.2	8.2	15.6	31.5	62.8	74.1	127.8	207.7	270.8	283.4	380.8	180.4	22.6	38.5	33.7
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.5	0.7	5.4	5.6	12.9	10.1	26.2	19.9	39.5	50.0	8.3	40.1	3.6	5.7	5.2
Rectum	0.0	0.0	0.0	1.6	0.7	0.0	2.8	0.0	7.5	10.2	19.6	42.2	40.4	85.2	97.2	110.0	129.2	140.7	200.4	12.8	20.3	18.1
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	4.5	3.3	2.2	5.6	4.2	8.3	0.0	0.6	0.8	0.8
Liver & Intrahepatic Bile Ducts	1.5	0.0	0.0	0.8	0.0	0.7	0.0	0.0	1.5	4.8	10.5	25.8	34.8	18.0	33.2	33.9	41.7	91.1	0.0	5.7	8.3	7.4
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.7	1.7	0.0	0.0	2.2	2.8	12.5	16.6	0.0	0.4	0.8	0.6
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.0	5.2	5.6	4.9	6.6	14.1	12.5	16.6	20.0	1.1	1.8	1.6
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	3.0	6.1	11.2	16.4	30.3	32.8	59.7	59.2	125.0	91.1	80.2	6.9	11.7	10.3
Digestive Organs, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	8.3	20.0	0.2	0.4	0.4
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.7	2.0	0.7	0.0	9.0	11.5	31.5	72.3	159.5	227.7	382.3	502.1	541.8	322.8	280.6	36.1	61.5	54.9
Trachea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bronchus/Lung	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	8.2	11.5	30.8	71.5	151.6	219.5	355.8	482.4	529.3	298.0	280.6	34.4	58.7	52.4

(continued)

Table 3.2

Male Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Thymus	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	2.2	3.3	4.4	2.8	0.0	0.0	0.0	0.4	0.5	0.5
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.7	0.0	5.6	4.9	22.1	16.9	12.5	24.8	0.0	1.3	2.2	2.0
Respiratory & Intrathoracic, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bones & Connective Tissue	3.1	0.9	1.7	2.4	2.2	0.7	0.0	2.9	3.0	5.4	7.0	7.7	7.9	6.6	11.1	25.4	8.3	0.0	20.0	3.5	4.3	3.9
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.9	0.8	0.7	0.0	0.0	0.0	0.7	0.0	0.7	0.9	1.1	0.0	0.0	2.8	0.0	0.0	0.0	0.4	0.4	0.4
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.0	0.9	0.8	0.0	0.0	0.0	0.7	0.0	0.0	1.4	0.0	1.1	1.6	0.0	0.0	4.2	0.0	0.0	0.4	0.4	0.4
Connective, Subcutaneous & Other Soft Tissues	3.1	0.9	0.0	0.8	1.5	0.7	0.0	2.2	2.2	5.4	4.9	6.9	5.6	4.9	11.1	22.6	4.2	0.0	20.0	2.7	3.4	3.1
Melanoma	1.5	0.0	0.9	2.4	0.0	2.0	4.3	11.7	7.5	13.6	30.1	25.8	42.7	36.0	90.6	95.9	95.9	107.6	100.2	12.0	18.2	16.2
Melanoma of Skin	0.0	0.0	0.9	2.4	0.0	2.0	3.5	11.7	7.5	12.2	27.3	25.8	41.6	34.4	86.2	81.8	95.9	91.1	100.2	11.1	16.9	15.2
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	2.8	0.0	1.1	1.6	4.4	11.3	0.0	0.0	0.0	0.5	0.8	0.7
Melanoma - other	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	2.8	0.0	16.6	0.0	0.3	0.4	0.3
Nonmelanoma Skin	0.0	0.0	0.0	3.2	0.7	7.4	19.1	37.9	77.7	125.6	207.4	308.2	555.9	799.5	1012.2	1328.6	1696.3	2019.9	1963.9	137.5	226.9	200.1
Peripheral Nerves & Autonomic Nervous System	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.1	0.1	0.1
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.6	2.2	1.6	2.2	0.0	4.2	0.0	0.0	0.4	0.5	0.5
Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.9	2.2	3.3	0.0	2.8	4.2	0.0	0.0	0.3	0.5	0.4
Male Genital Organs	0.8	0.9	0.9	3.2	15.5	14.1	19.8	12.4	19.4	51.6	107.2	280.6	423.4	684.8	700.6	671.4	529.3	521.5	320.6	88.9	127.3	119.6
Penis	0.0	0.9	0.0	0.0	0.0	0.0	0.7	0.0	1.5	0.7	0.0	0.9	0.0	4.9	6.6	8.5	4.2	16.6	0.0	0.7	1.2	1.1
Prostate Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	7.5	42.1	101.6	278.1	423.4	678.3	691.8	657.3	525.1	505.0	320.6	81.8	119.3	111.1
Testis	0.8	0.0	0.9	3.2	15.5	14.1	19.1	11.7	10.5	8.1	4.9	1.7	0.0	1.6	2.2	2.8	0.0	0.0	0.0	6.2	6.6	7.3
Male Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.1	0.2	0.1
Urinary Tract	0.0	0.9	0.0	0.0	0.7	0.7	2.1	3.6	9.0	20.4	26.6	52.5	85.3	109.8	145.9	211.6	216.7	339.4	240.5	20.1	33.1	29.1
Kidney	0.0	0.9	0.0	0.0	0.7	0.0	2.1	3.6	6.7	13.6	20.3	30.1	44.9	62.3	68.5	62.1	58.3	41.4	20.0	10.1	14.1	13.1
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.6	1.1	4.9	2.2	8.5	8.3	8.3	0.0	0.5	0.9	0.8
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	0.0	3.3	6.6	16.9	0.0	0.0	0.0	0.5	0.9	0.8
Bladder	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.2	5.4	5.6	17.2	39.3	37.7	66.3	121.3	145.9	248.3	200.4	8.6	16.2	13.7
Urinary Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.9	0.0	1.6	2.2	2.8	4.2	41.4	20.0	0.4	0.9	0.7
Eye, Brain & Other CNS	6.2	1.7	1.7	1.6	1.5	2.0	2.8	2.9	5.2	6.8	8.4	10.3	18.0	18.0	15.5	19.7	33.3	16.6	20.0	5.4	6.6	6.2
Eye & Adnexa	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	4.2	0.0	0.0	0.2	0.2	0.2
Meninges	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Brain	5.4	1.7	1.7	1.6	1.5	2.0	2.8	2.2	4.5	6.8	8.4	10.3	16.8	16.4	15.5	19.7	29.2	16.6	20.0	5.1	6.3	5.9
Spinal Cord, Cranial Nerves and other CNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1

(continued)

Table 3.2

Male Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Thyroid & Other Endocrine Glands	1.5	0.9	1.7	1.6	3.0	2.7	4.3	5.1	10.5	10.2	10.5	8.6	12.4	13.1	13.3	2.8	16.7	8.3	0.0	5.0	6.0	5.7
Thyroid Gland	0.0	0.0	0.0	0.8	2.2	2.7	3.5	5.1	10.5	10.2	9.8	8.6	11.2	13.1	13.3	2.8	16.7	8.3	0.0	4.3	5.4	5.2
Adrenal Gland	1.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2
Other Endocrine Glands & Related Structures	0.0	0.9	1.7	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.7	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
Hematopoietic & Reticuloendothelial Systems	10.1	5.2	3.4	5.6	12.5	12.7	6.4	21.1	21.7	30.6	47.7	80.1	151.6	183.5	258.6	347.0	387.6	505.0	260.5	39.2	59.8	53.9
Non-Hodgkin lymphoma	0.8	0.0	0.0	3.2	0.7	3.3	4.3	8.7	12.7	13.6	21.7	30.1	50.5	55.7	92.8	129.8	91.7	132.5	80.2	13.2	20.2	18.2
Hodgkin lymphoma	0.0	0.0	1.7	0.0	7.4	4.0	2.1	4.4	1.5	1.4	0.7	1.7	3.4	0.0	2.2	0.0	4.2	0.0	0.0	1.9	2.0	2.2
Leukemia	8.5	3.5	1.7	1.6	3.7	4.0	0.0	3.6	5.2	8.1	16.8	25.0	49.4	67.2	92.8	87.4	112.5	198.7	80.2	13.3	19.2	17.4
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.2	0.7	4.1	4.9	12.1	22.5	18.0	28.7	53.6	58.3	41.4	40.1	4.2	7.0	6.2
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	3.4	4.9	6.6	8.5	0.0	0.0	0.0	0.6	0.9	0.8
Other Hematopoietic & Reticuloendothelial	0.8	1.7	0.0	0.8	0.7	0.7	0.0	2.2	1.5	3.4	2.8	9.5	22.5	37.7	35.4	67.7	120.9	132.5	60.1	6.0	10.5	9.1
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.4	2.1	1.7	2.2	3.3	6.6	0.0	0.0	0.0	0.0	0.7	0.9	0.8
Unknown Primary	0.8	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.0	1.4	2.1	6.0	10.1	14.7	35.4	50.8	75.0	91.1	20.0	3.4	6.5	5.5
All Sites	25.6	10.5	10.2	23.0	40.6	51.5	66.6	110.0	196.5	350.4	616.0	1111.4	1771.0	2552.5	3244.4	4000.0	4476.1	4942.1	3927.9	431.1	677.6	608.4
All Sites Excluding Nonmelanoma Skin	25.6	10.5	10.2	19.8	39.8	44.2	47.5	72.1	118.8	224.8	408.6	803.2	1215.1	1753.0	2232.2	2671.4	2779.9	2922.2	1963.9	293.5	450.7	408.4

Table 3.3

Overall Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Head & Neck	0.0	0.4	0.0	0.4	0.7	1.0	2.5	3.3	4.9	11.6	20.7	37.4	31.6	47.0	41.6	36.9	51.5	59.8	27.7	8.5	11.8	10.8
Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.7	0.7	2.2	1.7	1.6	5.3	0.0	3.6	0.0	0.0	0.4	0.6	0.6
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.7	5.7	6.6	6.2	6.5	3.2	6.6	1.8	6.0	0.0	1.3	1.7	1.6
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.3	0.4	1.1	0.8	3.1	2.1	4.0	1.7	3.2	1.1	1.3	12.4	9.0	11.1	0.9	1.4	1.2
Gum	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.1	1.3	5.3	9.0	0.0	0.2	0.4	0.4
Floor of mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	3.1	2.8	1.6	2.1	1.3	3.6	3.0	0.0	0.4	0.6	0.5
Palate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.1	0.4	0.0	2.4	0.0	0.0	0.0	6.0	0.0	0.2	0.3	0.3
Mouth, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	1.8	3.4	1.6	5.3	2.6	3.6	6.0	0.0	0.5	0.7	0.6
Parotid Gland	0.0	0.0	0.0	0.0	0.4	0.0	0.7	0.0	0.4	0.0	0.7	0.9	1.7	2.4	0.0	1.3	1.8	6.0	5.5	0.4	0.5	0.5
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.7	3.9	5.3	5.1	4.1	3.2	5.3	1.8	0.0	0.0	1.1	1.4	1.3
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	1.3	0.6	2.4	1.1	0.0	1.8	3.0	0.0	0.2	0.3	0.3
Nasopharynx	0.0	0.4	0.0	0.0	0.0	0.0	0.7	1.1	0.4	1.7	1.1	1.8	1.7	4.1	1.1	1.3	5.3	0.0	0.0	0.7	0.8	0.8
Pyiform Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	1.1	0.0	0.0	2.6	1.8	0.0	0.0	0.2	0.2	0.2
Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.6	1.1	1.3	0.0	0.0	5.5	0.1	0.2	0.2
Lip, Oral Cavity & Pharynx, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.0	0.0	1.8	0.0	0.0	0.1	0.1	0.1
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.1	1.3	0.0	3.0	0.0	0.1	0.2	0.2
Accessory Sinuses	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.9	1.1	0.0	2.1	0.0	0.0	0.0	0.0	0.2	0.2	0.2
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.5	6.2	2.8	14.6	11.7	10.5	7.1	9.0	5.5	1.4	2.0	1.9
Digestive Organs	0.8	0.0	0.0	1.6	1.8	3.7	5.3	7.0	22.3	43.0	86.6	153.9	199.9	295.1	407.7	563.6	639.6	708.6	509.5	52.9	86.7	76.5
Esophagus	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	1.7	5.3	9.7	9.0	17.8	25.6	18.4	40.9	23.9	11.1	2.7	4.3	3.8
Stomach	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.7	2.3	3.8	7.5	7.9	16.9	22.7	22.4	63.2	44.4	74.7	66.5	4.2	7.2	6.3
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.5	2.2	5.1	7.3	5.3	9.2	10.7	9.0	5.5	1.0	1.6	1.4
Colon	0.0	0.0	0.0	0.4	0.4	1.0	1.4	2.6	8.3	13.7	29.6	50.1	74.0	114.3	190.0	239.6	286.1	328.9	182.8	20.6	35.1	30.8
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.1	0.4	4.1	5.3	8.8	8.5	16.2	11.7	25.0	28.4	23.9	22.2	2.6	4.0	3.6
Rectum	0.0	0.0	0.0	0.8	0.7	0.0	2.1	1.5	6.4	7.5	15.3	32.5	30.5	50.3	63.0	89.5	80.0	62.8	77.5	8.9	13.8	12.4
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.0	2.9	4.0	4.0	4.1	2.1	7.9	3.6	9.0	5.5	0.9	1.3	1.2
Liver & Intrahepatic Bile Ducts	0.8	0.0	0.0	0.4	0.4	0.3	0.7	0.0	1.9	2.7	5.7	15.4	21.5	13.8	28.8	22.4	30.2	53.8	5.5	3.8	5.6	5.0

(continued)

Table 3.3

Overall Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																					
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	World Std	US 2000 Std	Canada 1991 Std
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	2.5	4.0	1.1	3.2	5.3	6.6	7.1	14.9	16.6	0.8	1.3	1.1
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.4	1.0	0.4	3.5	4.0	8.1	7.5	11.9	12.4	14.9	11.1	1.1	1.7	1.6
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.1	1.5	4.1	9.6	15.4	23.7	35.7	45.9	68.5	90.6	83.7	99.7	6.1	10.4	9.1
Digestive Organs, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.4	1.7	1.6	0.0	1.3	5.3	9.0	5.5	0.2	0.4	0.4
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.7	1.0	0.4	1.1	6.4	15.7	35.3	70.4	153.1	218.9	370.3	425.3	419.3	257.1	182.8	33.7	55.3	49.9
Trachea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
Bronchus/Lung	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.7	6.0	15.4	34.6	69.5	148.0	214.0	356.5	412.1	414.0	248.2	182.8	32.7	53.7	48.4
Thymus	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.4	1.1	2.4	2.1	2.6	0.0	0.0	0.0	0.3	0.4	0.4
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.3	0.7	0.0	4.0	2.4	11.7	9.2	5.3	9.0	0.0	0.7	1.2	1.1
Respiratory & Intrathoracic, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bones & Connective Tissue	2.8	0.4	1.3	2.0	1.5	1.0	0.0	2.2	2.6	2.7	4.6	7.5	5.1	8.1	9.6	18.4	10.7	12.0	16.6	2.8	3.6	3.3
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.4	0.8	0.4	0.0	0.0	0.0	0.4	0.0	0.4	0.4	0.6	0.0	0.0	4.0	0.0	0.0	0.0	0.3	0.3	0.3
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.4	0.4	0.0	0.7	0.4	0.6	1.6	0.0	1.3	1.8	0.0	0.0	0.3	0.3	0.3
Connective, Subcutaneous & Other Soft Tissues	2.8	0.4	0.4	0.8	1.1	1.0	0.0	1.9	1.9	2.7	3.6	6.6	4.0	6.5	9.6	13.2	8.9	12.0	16.6	2.3	2.9	2.7
Melanoma	0.8	0.0	0.4	1.2	1.5	6.0	5.3	11.8	12.1	15.4	28.2	24.6	40.1	34.1	52.3	63.2	74.6	65.8	66.5	10.9	15.5	14.2
Melanoma of Skin	0.0	0.0	0.4	1.2	1.5	6.0	5.0	11.8	12.1	14.7	26.4	22.9	37.3	33.2	48.0	51.4	74.6	53.8	60.9	10.2	14.4	13.3
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.3	1.8	0.9	1.7	0.8	3.2	7.9	0.0	3.0	0.0	0.4	0.6	0.6
Melanoma - other	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.9	1.1	0.0	1.1	4.0	0.0	9.0	5.5	0.3	0.4	0.4
Nonmelanoma Skin	0.0	0.0	0.4	1.6	3.0	9.6	22.4	45.9	85.8	139.3	211.8	278.0	450.7	636.5	790.8	995.4	1249.1	1360.4	1401.1	116.5	185.0	164.4
Peripheral Nerves & Autonomic Nervous System	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.1	0.1	0.1
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.7	1.1	3.1	5.1	3.2	6.4	9.2	8.9	0.0	0.0	0.9	1.3	1.2
Breast	0.0	0.0	0.0	0.0	0.7	3.0	11.4	25.2	51.0	90.5	104.8	124.5	176.2	189.7	218.8	244.9	215.0	254.1	238.1	43.1	61.0	55.4
Female Genital Organs	0.0	0.0	0.9	0.4	3.0	3.7	9.6	12.2	12.8	25.9	39.2	51.5	74.0	73.0	60.8	73.7	76.4	71.8	60.9	16.1	21.8	20.3
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.4	2.9	1.3	1.1	2.4	3.2	7.9	5.3	3.0	5.5	0.6	1.0	0.9
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.6	3.2	1.3	1.8	0.0	0.0	0.2	0.2	0.2

(continued)

**Table 3.3
Overall Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta**

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Cervix Uteri	0.0	0.0	0.0	0.0	1.5	2.7	7.1	7.4	5.3	7.9	3.9	6.2	6.8	7.3	2.1	6.6	5.3	12.0	5.5	3.1	3.9	3.9
Endometrium	0.0	0.0	0.0	0.0	0.4	0.3	1.1	3.7	3.0	10.9	22.1	30.8	50.8	45.4	36.3	36.9	33.8	26.9	22.2	8.3	11.0	10.3
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.4	0.4	0.6	2.4	0.0	0.0	3.6	3.0	0.0	0.2	0.3	0.3
Ovary	0.0	0.0	0.9	0.4	1.1	0.7	0.7	1.1	3.4	4.4	8.9	10.1	12.4	12.2	13.9	18.4	23.1	23.9	27.7	3.3	4.6	4.2
Female Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.0	0.0	2.2	2.3	1.6	2.1	2.6	3.6	3.0	0.0	0.5	0.6	0.6
Male Genital Organs	0.4	0.4	0.4	1.6	7.7	7.0	9.9	6.3	9.8	25.9	54.6	143.4	212.9	338.9	338.3	313.4	225.7	188.4	88.6	43.5	60.9	57.7
Penis	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.0	0.8	0.3	0.0	0.4	0.0	2.4	3.2	4.0	1.8	6.0	0.0	0.4	0.5	0.5
Prostate Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.8	21.2	51.7	142.1	212.9	335.7	334.1	306.8	223.9	182.4	88.6	40.0	57.0	53.5
Testis	0.4	0.0	0.4	1.6	7.7	7.0	9.6	5.9	5.3	4.1	2.5	0.9	0.0	0.8	1.1	1.3	0.0	0.0	0.0	3.1	3.3	3.7
Male Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.1	0.1	0.1
Urinary Tract	0.4	0.4	0.0	0.0	0.7	0.3	2.1	4.1	7.6	16.0	20.3	36.9	63.3	73.0	105.7	134.3	140.4	179.4	127.4	14.1	22.4	20.0
Kidney	0.4	0.4	0.0	0.0	0.7	0.0	2.1	4.1	6.0	12.0	15.0	21.5	35.0	42.2	51.2	46.1	40.9	38.9	27.7	7.7	10.9	10.0
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	2.2	1.1	4.1	3.2	7.9	5.3	6.0	5.5	0.5	0.9	0.8
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.0	3.2	6.4	11.9	5.3	9.0	16.6	0.5	1.0	0.8
Bladder	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	1.5	3.4	4.3	11.9	27.1	21.9	43.8	67.2	87.1	110.6	72.0	5.2	9.3	8.0
Urinary Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.0	1.6	1.1	1.3	1.8	14.9	5.5	0.2	0.4	0.3
Eye, Brain & Other CNS	5.6	3.1	0.9	1.6	1.1	3.3	2.8	4.1	4.2	6.1	7.8	7.9	10.7	13.0	14.9	10.5	21.3	17.9	16.6	4.7	5.5	5.3
Eye & Adnexa	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.6	0.0	0.0	0.0	1.8	3.0	0.0	0.2	0.2	0.2
Meninges	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Brain	4.4	2.7	0.9	1.6	1.1	3.3	2.8	3.7	3.8	5.5	7.5	7.9	10.2	12.2	14.9	10.5	19.5	14.9	16.6	4.4	5.2	4.9
Spinal Cord, Cranial Nerves and other CNS	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Thyroid & Other Endocrine Glands	1.2	0.4	1.3	2.4	5.9	8.3	12.1	16.3	20.8	21.2	20.3	17.6	13.0	22.7	21.3	9.2	17.8	3.0	11.1	9.4	11.5	11.2
Thyroid Gland	0.0	0.0	0.4	2.0	5.5	8.3	11.7	15.9	20.8	21.2	19.6	17.2	12.4	21.1	21.3	7.9	17.8	3.0	11.1	8.9	11.0	10.7
Adrenal Gland	1.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	1.6	0.0	1.3	0.0	0.0	0.0	0.3	0.2	0.2
Other Endocrine Glands & Related Structures	0.0	0.4	0.9	0.0	0.4	0.0	0.4	0.4	0.0	0.0	0.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2

Table 3.3

Overall Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2010, Alberta

July 31, 2012

	Age at Diagnosis																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Hematopoietic & Reticuloendothelial Systems	11.1	4.9	3.5	6.1	9.2	11.0	6.0	15.9	15.5	29.0	39.6	67.3	116.9	156.5	214.5	285.7	318.0	367.8	204.9	32.6	48.9	44.3
Non-Hodgkin lymphoma	0.8	0.4	0.9	2.0	1.1	2.7	2.8	7.0	7.9	13.7	17.8	25.9	41.8	55.9	82.2	118.5	94.2	122.6	99.7	11.7	18.1	16.3
Hodgkin lymphoma	0.0	0.4	1.8	2.0	5.5	4.0	1.1	3.7	1.5	1.4	1.1	0.9	2.8	4.9	3.2	1.3	3.6	0.0	0.0	2.0	2.1	2.2
Leukemia	8.3	3.1	0.9	1.2	2.2	3.3	1.1	3.0	4.2	7.5	12.1	21.1	35.6	50.3	65.1	61.9	95.9	128.6	66.5	10.2	14.5	13.2
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.1	0.8	3.4	4.6	9.7	17.5	17.8	23.5	36.9	46.2	29.9	22.2	3.4	5.5	4.9
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.3	2.8	2.4	6.4	5.3	0.0	9.0	0.0	0.5	0.7	0.7
Other Hematopoietic & Reticuloendothelial	2.0	0.9	0.0	0.8	0.4	0.7	1.1	1.1	1.1	3.1	3.6	8.4	16.4	25.1	34.2	61.9	78.2	77.7	16.6	4.8	8.0	7.0
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	1.1	1.3	1.1	1.6	3.2	0.0	1.8	6.0	5.5	0.4	0.6	0.5
Unknown Primary	0.4	0.0	0.0	0.0	0.7	0.3	0.0	1.1	0.4	1.4	3.6	7.9	12.4	15.4	23.5	51.4	60.4	95.7	55.4	3.5	6.4	5.4
All Sites	23.4	10.3	9.6	19.1	38.7	59.2	89.9	157.4	257.7	446.3	679.6	1033.1	1566.2	2126.6	2679.9	3236.5	3530.5	3647.7	3012.7	393.8	598.2	540.5
All Sites Excluding Nonmelanoma Skin	23.4	10.3	9.2	17.5	35.8	49.5	67.5	111.5	171.9	307.0	467.8	755.1	1115.5	1490.2	1889.0	2241.0	2281.4	2287.3	1611.6	277.3	413.2	376.1

**Table 4.1
Female Deaths Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																		Total
	0-4	5-9	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Head & Neck	0	0	0	0	0	0	0	0	1	3	5	4	2	7	12	7	5	2	48
Base of Tongue	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	1	1	7
Tongue, other & unspecified	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	3	0	0	9
Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	4
Floor of mouth	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	4
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	4
Parotid Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Tonsil	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Nasopharynx	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
Larynx	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	4
Digestive Organs	0	0	0	0	4	3	2	10	19	36	52	62	74	69	76	111	86	54	658
Esophagus	0	0	0	0	0	0	0	1	2	0	2	3	7	6	3	9	2	1	36
Stomach	0	0	0	0	2	1	0	1	2	3	2	8	6	2	4	5	8	8	52
Small Intestine	0	0	0	0	0	0	0	0	0	2	3	1	1	0	1	3	2	1	14
Colon	0	0	0	0	1	2	1	2	2	10	12	20	25	21	24	41	37	25	223
Rectosigmoid Junction	0	0	0	0	0	0	0	1	2	2	1	2	4	1	3	5	3	2	26
Rectum	0	0	0	0	1	0	1	2	6	3	6	4	5	10	6	12	9	5	70
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	1	3	3	1	1	1	3	0	0	13
Liver & Intrahepatic Bile Ducts	0	0	0	0	0	0	0	1	3	0	5	5	2	7	6	5	5	0	39
Gall bladder	0	0	0	0	0	0	0	1	0	4	3	3	0	1	4	0	1	2	19
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	2	1	2	3	2	4	4	0	18
Pancreas	0	0	0	0	0	0	0	1	2	11	12	11	20	17	22	24	12	9	141
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3	1	7
Respiratory & Intrathoracic Organs	0	0	0	0	1	0	0	3	14	30	51	87	98	115	101	94	48	22	664
Bronchus/Lung	0	0	0	0	0	0	0	3	14	30	51	87	97	113	101	93	47	22	658
Thymus	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	5
Bones & Connective Tissue	0	1	0	1	0	1	1	1	1	3	1	1	3	2	3	1	2	0	22
Bones, Joints & Articular Cartilage of Limbs	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	3
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Connective, Subcutaneous & Other Soft Tissues	0	1	0	0	0	0	1	1	1	1	1	1	3	2	3	1	2	0	18
Melanoma	0	0	0	0	0	0	0	2	1	3	3	5	3	1	1	2	1	3	25
Melanoma of Skin	0	0	0	0	0	0	0	1	0	2	3	3	3	0	1	2	0	3	18
Melanoma of Eye	0	0	0	0	0	0	0	1	1	1	0	2	0	1	0	0	1	0	7
Nonmelanoma Skin	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	4	5	12
Retroperitoneum & Peritoneum	0	0	0	0	0	0	1	0	1	3	2	3	1	4	4	2	0	1	22
Breast	0	0	0	0	1	1	7	13	27	35	32	35	47	35	43	54	36	33	399

(continued)

**Table 4.1
Female Deaths Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																		Total
	0-4	5-9	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Female Genital Organs	0	0	0	0	0	4	1	7	13	16	25	29	24	33	25	29	15	17	238
Vulva	0	0	0	0	0	0	0	0	0	1	0	0	1	0	4	0	0	1	7
Vagina	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	4
Cervix Uteri	0	0	0	0	0	2	0	1	6	3	7	3	2	3	1	2	1	2	33
Endometrium	0	0	0	0	0	1	1	1	0	3	4	5	8	9	2	4	6	9	53
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	1	0	2	1	3	1	0	0	0	1	1	10
Ovary	0	0	0	0	0	1	0	4	7	7	11	15	11	20	17	21	7	4	125
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	1	0	0	6
Male Genital Organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Urinary Tract	0	0	0	0	0	0	0	0	2	2	3	9	9	18	13	19	12	4	91
Kidney	0	0	0	0	0	0	0	0	1	1	1	4	5	7	6	7	7	0	39
Renal Pelvis	0	0	0	0	0	0	0	0	0	1	0	1	1	2	3	0	0	0	8
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	2	1	7
Bladder	0	0	0	0	0	0	0	0	1	0	2	4	3	8	4	9	3	3	37
Eye, Brain & Other CNS	2	2	0	1	1	5	0	2	4	4	5	9	3	9	2	6	5	2	62
Eye & Adnexa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Meninges	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
Brain	2	2	0	1	1	4	0	2	4	4	5	9	3	9	2	6	4	1	59
Thyroid & Other Endocrine Glands	0	1	0	0	0	0	0	0	0	0	0	0	0	3	2	4	1	2	13
Thyroid Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	4	1	2	12
Adrenal Gland	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hematopoietic & Reticuloendothelial Systems	1	0	1	1	0	4	1	4	3	5	8	15	25	25	28	39	41	21	222
Non-Hodgkin lymphoma	0	0	0	0	0	0	0	0	2	3	3	5	7	10	14	15	19	5	83
Hodgkin lymphoma	0	0	1	0	0	1	1	1	0	0	0	1	1	0	0	1	0	0	7
Leukemia	0	0	0	1	0	3	0	3	1	1	3	6	7	10	8	15	10	12	80
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	0	1	0	3	8	3	2	5	6	3	31
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Other Hematopoietic & Reticuloendothelial	1	0	0	0	0	0	0	0	0	0	2	0	2	2	4	3	5	1	20
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	0	6	2	14
Unknown Primary	0	0	0	0	0	0	4	1	3	3	8	12	7	5	17	14	23	6	103
All Sites	3	4	1	3	7	18	17	43	90	143	196	272	297	328	330	383	285	174	2594

**Table 4.2
Male Deaths Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Head & Neck	0	0	0	0	1	0	1	0	1	1	4	19	12	13	9	12	10	9	3	95
Base of Tongue	0	0	0	0	0	0	0	0	0	1	0	4	4	0	1	1	0	1	0	12
Tongue, other & unspecified	0	0	0	0	0	0	0	0	1	0	1	0	0	3	1	1	0	2	1	10
Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	4
Palate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	0	0	5
Parotid Gland	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	3
Tonsil	0	0	0	0	0	0	0	0	0	0	0	3	1	2	0	0	1	0	0	7
Nasopharynx	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	2	1	1	1	9
Pyriform Sinus	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	1	0	0	6
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	3
Nasal Cavity & Middle Ear	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	4
Larynx	0	0	0	0	0	0	0	0	0	0	0	6	2	4	3	4	5	3	1	28
Digestive Organs	0	0	1	0	0	2	2	4	15	22	57	93	122	102	119	124	109	79	31	882
Esophagus	0	0	0	0	0	0	0	1	1	3	9	8	19	16	15	14	11	10	1	108
Stomach	0	0	0	0	0	0	0	1	2	4	7	11	18	16	15	15	10	8	3	110
Small Intestine	0	0	0	0	0	1	0	0	1	0	1	2	2	2	5	2	3	0	1	20
Colon	0	0	0	0	0	1	0	0	2	2	9	24	23	22	31	45	25	25	8	217
Rectosigmoid Junction	0	0	0	0	0	0	0	0	0	2	1	4	7	4	4	7	3	2	2	36
Rectum	0	0	0	0	0	0	0	0	3	3	7	12	14	16	15	4	12	6	5	97
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	0	2	1	1	0	1	1	2	1	0	9
Liver & Intrahepatic Bile Ducts	0	0	1	0	0	0	0	1	2	2	12	13	16	10	8	9	8	7	0	89
Gall bladder	0	0	0	0	0	0	1	0	1	0	1	2	0	0	1	2	0	3	1	12
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	2	0	1	6	4	4	1	4	1	1	24
Pancreas	0	0	0	0	0	0	1	1	3	4	8	15	16	12	20	23	28	15	8	154
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	1	6
Respiratory & Intrathoracic Organs	0	0	0	0	0	0	0	0	2	14	43	65	109	110	141	143	125	54	15	821
Bronchus/Lung	0	0	0	0	0	0	0	0	2	14	41	63	106	105	133	136	121	51	15	787
Thymus	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	0	1	2	3	5	8	7	4	3	0	33
Bones & Connective Tissue	1	0	0	2	4	4	2	1	1	2	2	2	2	3	4	3	1	1	0	35
Bones, Joints & Articular Cartilage of Limbs	0	0	0	0	2	3	0	0	1	1	0	0	0	0	0	1	0	0	0	8
Bones, Joints & Articular Cartilage of Other Sites	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	5
Connective, Subcutaneous & Other Soft Tissues	0	0	0	1	2	1	2	1	0	1	2	2	2	2	3	1	1	1	0	22
Melanoma	0	0	0	0	2	0	0	0	0	5	7	9	4	6	6	6	8	7	0	60
Melanoma of Skin	0	0	0	0	2	0	0	0	0	5	7	8	3	6	6	5	8	5	0	55
Melanoma of Eye	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	2	0	5
Nonmelanoma Skin	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3	1	1	8
Peripheral Nerves & Autonomic Nervous System	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	6
Breast	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	3

(continued)

**Table 4.2
Male Deaths Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																				Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+		
Male Genital Organs	0	0	0	0	1	0	1	0	0	1	2	12	14	27	45	71	82	65	32	353	
Penis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
Prostate Gland	0	0	0	0	0	0	0	0	0	1	2	11	14	26	45	71	82	65	32	349	
Testis	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	3	
Urinary Tract	0	0	0	0	0	0	0	1	3	1	11	24	9	18	28	29	38	23	13	198	
Kidney	0	0	0	0	0	0	0	1	2	1	8	11	5	7	12	7	9	6	1	70	
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	5	
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	5	
Bladder	0	0	0	0	0	0	0	0	1	0	3	12	3	10	14	17	25	15	12	112	
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	1	0	0	6	
Eye, Brain & Other CNS	3	0	1	1	3	2	3	4	3	7	16	16	15	11	11	9	8	3	1	117	
Meninges	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	
Brain	2	0	1	1	2	2	3	4	3	7	16	15	15	10	11	9	8	3	1	113	
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	
Thyroid & Other Endocrine Glands	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1	1	0	0	6	
Thyroid Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3	
Adrenal Gland	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
Hematopoietic & Reticuloendothelial Systems	0	1	0	0	3	3	2	1	4	8	23	15	30	27	45	48	47	37	14	308	
Non-Hodgkin lymphoma	0	0	0	0	0	1	1	1	3	2	9	9	12	11	13	19	14	12	6	113	
Hodgkin lymphoma	0	0	0	0	1	0	0	0	0	1	1	1	0	2	2	0	0	0	0	8	
Leukemia	0	1	0	0	2	1	1	0	0	4	9	1	11	7	15	13	20	11	4	100	
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	1	1	3	3	6	4	9	8	6	7	3	51	
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	1	0	0	0	0	1	1	1	3	6	7	7	6	1	34	
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	5	2	0	13	
Unknown Primary	0	0	0	0	1	2	0	0	1	0	5	4	9	6	11	17	9	12	1	78	
All Sites	4	1	2	4	15	13	11	12	30	61	171	263	327	328	423	468	447	293	111	2984	

**Table 4.3
Overall Deaths Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																		Total	
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89		90+
Head & Neck	0	0	0	0	1	0	1	0	1	2	7	24	16	15	16	24	17	14	5	143
Base of Tongue	0	0	0	0	0	0	0	0	0	1	0	5	4	0	1	3	2	2	1	19
Tongue, other & unspecified	0	0	0	0	0	0	0	0	1	1	2	1	1	4	2	1	3	2	1	19
Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	5
Floor of mouth	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	3	0	0	0	8
Palate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	1	2	1	0	9
Parotid Gland	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	0	5
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Tonsil	0	0	0	0	0	0	0	0	0	0	0	3	2	2	0	2	1	0	0	10
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Nasopharynx	0	0	0	0	1	0	0	0	0	0	2	2	1	1	0	2	1	1	1	12
Pyiform Sinus	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	1	0	0	6
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	4
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Nasal Cavity & Middle Ear	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	3
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	1	0	1	0	7
Larynx	0	0	0	0	0	0	0	0	0	0	0	6	2	5	4	6	5	3	1	32
Digestive Organs	0	0	1	0	0	6	5	6	25	41	93	145	184	176	188	200	220	165	85	1540
Esophagus	0	0	0	0	0	0	0	1	2	5	9	10	22	23	21	17	20	12	2	144
Stomach	0	0	0	0	0	2	1	1	3	6	10	13	26	22	17	19	15	16	11	162
Small Intestine	0	0	0	0	0	1	0	0	1	0	3	5	3	3	5	3	6	2	2	34
Colon	0	0	0	0	0	2	2	1	4	4	19	36	43	47	52	69	66	62	33	440
Rectosigmoid Junction	0	0	0	0	0	0	0	0	1	4	3	5	9	8	5	10	8	5	4	62
Rectum	0	0	0	0	0	1	0	1	5	9	10	18	18	21	25	10	24	15	10	167
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	0	3	4	4	1	2	2	5	1	0	22
Liver & Intrahepatic Bile Ducts	0	0	1	0	0	0	0	1	3	5	12	18	21	12	15	15	13	12	0	128
Gall bladder	0	0	0	0	0	0	1	0	2	0	5	5	3	0	2	6	0	4	3	31
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	2	0	3	7	6	7	3	8	5	1	42
Pancreas	0	0	0	0	0	0	1	1	4	6	19	27	27	32	37	45	52	27	17	295
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	3	4	2	13
Respiratory & Intrathoracic Organs	0	0	0	0	0	1	0	0	5	28	73	116	196	208	256	244	219	102	37	1485
Bronchus/Lung	0	0	0	0	0	0	0	0	5	28	71	114	193	202	246	237	214	98	37	1445
Thymus	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	0	1	2	3	6	10	7	5	4	0	38
Bones & Connective Tissue	1	1	0	2	5	4	3	2	2	3	5	3	3	6	6	6	2	3	0	57
Bones, Joints & Articular Cartilage of Limbs	0	0	0	0	3	3	1	0	1	1	1	0	0	0	0	1	0	0	0	11
Bones, Joints & Articular Cartilage of Other Sites	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	6
Connective, Subcutaneous & Other Soft Tissues	0	1	0	1	2	1	2	2	1	2	3	3	3	5	5	4	2	3	0	40
Melanoma	0	0	0	0	2	0	0	0	2	6	10	12	9	9	7	7	10	8	3	85
Melanoma of Skin	0	0	0	0	2	0	0	0	1	5	9	11	6	9	6	6	10	5	3	73
Melanoma of Eye	0	0	0	0	0	0	0	0	1	1	1	1	3	0	1	1	0	3	0	12

(continued)

**Table 4.3
Overall Deaths Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			Total
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Nonmelanoma Skin	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	1	4	5	6	20
Peripheral Nerves & Autonomic Nervous System	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	1	0	1	4	3	3	2	5	5	3	0	1	28
Breast	0	0	0	0	0	1	1	7	13	27	35	33	35	47	35	45	54	36	33	402
Female Genital Organs	0	0	0	0	0	0	4	1	7	13	16	25	29	24	33	25	29	15	17	238
Vulva	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	4	0	0	1	7
Vagina	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	4
Cervix Uteri	0	0	0	0	0	0	2	0	1	6	3	7	3	2	3	1	2	1	2	33
Endometrium	0	0	0	0	0	0	1	1	1	0	3	4	5	8	9	2	4	6	9	53
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	1	0	2	1	3	1	0	0	0	1	1	10
Ovary	0	0	0	0	0	0	1	0	4	7	7	11	15	11	20	17	21	7	4	125
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	1	0	0	6
Male Genital Organs	0	0	0	0	1	0	1	0	0	1	2	12	14	27	45	72	82	65	32	354
Penis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Prostate Gland	0	0	0	0	0	0	0	0	0	1	2	11	14	26	45	71	82	65	32	349
Testis	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	3
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Urinary Tract	0	0	0	0	0	0	0	1	3	3	13	27	18	27	46	42	57	35	17	289
Kidney	0	0	0	0	0	0	0	1	2	2	9	12	9	12	19	13	16	13	1	109
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3	4	1	2	0	13
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	5	2	1	12
Bladder	0	0	0	0	0	0	0	0	1	1	3	14	7	13	22	21	34	18	15	149
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	1	0	0	6
Eye, Brain & Other CNS	5	2	1	1	4	3	8	4	5	11	20	21	24	14	20	11	14	8	3	179
Eye & Adnexa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Meninges	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	4
Brain	4	2	1	1	3	3	7	4	5	11	20	20	24	13	20	11	14	7	2	172
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
Thyroid & Other Endocrine Glands	0	1	0	1	0	0	0	1	0	0	0	0	1	0	4	3	5	1	2	19
Thyroid Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	5	1	2	15
Adrenal Gland	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Hematopoietic & Reticuloendothelial Systems	1	1	0	1	4	3	6	2	8	11	28	23	45	52	70	76	86	78	35	530
Non-Hodgkin lymphoma	0	0	0	0	0	1	1	1	3	4	12	12	17	18	23	33	29	31	11	196
Hodgkin lymphoma	0	0	0	1	1	0	1	1	1	1	1	1	1	3	2	0	1	0	0	15
Leukemia	0	1	0	0	3	1	4	0	3	5	10	4	17	14	25	21	35	21	16	180
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	1	1	4	3	9	12	12	10	11	13	6	82
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3
Other Hematopoietic & Reticuloendothelial	1	0	0	0	0	1	0	0	0	0	1	3	1	5	8	11	10	11	2	54
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	0	2	1	2	4	3	5	8	2	27
Unknown Primary	0	0	0	0	1	2	0	4	2	3	8	12	21	13	16	34	23	35	7	181
All Sites	7	5	2	5	18	20	29	29	73	151	314	459	599	625	751	798	830	578	285	5578

Table 5.1

Female Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta

July 31, 2012

	Age at Death																					
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	World Std	US 2000 Std	Canada 1991 Std
Head & Neck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.2	4.5	4.5	3.2	14.4	29.6	21.7	23.4	15.3	1.4	2.7	2.2
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	4.9	6.2	4.7	7.7	0.1	0.4	0.3
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.9	1.1	1.6	2.1	0.0	9.3	0.0	0.0	0.3	0.5	0.4
Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.5	0.0	4.7	7.7	0.1	0.2	0.2
Floor of mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.1	0.2	0.2
Palate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mouth, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.5	3.1	4.7	0.0	0.1	0.2	0.2
Parotid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.5	0.0	0.0	0.0	0.1	0.1	0.1
Major Salivary Glands, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.1	0.1
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	4.9	0.0	0.0	0.0	0.1	0.2	0.2
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0
Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Pyriform Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lip, Oral Cavity & Pharynx, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.1	0.0
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0
Accessory Sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	2.5	0.0	0.0	0.0	0.1	0.2	0.2
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.1	4.9	0.0	0.0	0.0	0.1	0.3	0.2
Digestive Organs	0.0	0.0	0.0	0.0	0.0	2.6	2.1	1.5	7.6	13.0	26.1	46.8	70.5	118.8	142.4	187.7	343.8	402.5	413.3	19.7	34.7	30.0
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	0.0	1.8	3.4	11.2	12.4	7.4	27.9	9.4	7.7	1.2	2.0	1.8
Stomach	0.0	0.0	0.0	0.0	0.0	1.3	0.7	0.0	0.8	1.4	2.2	1.8	9.1	9.6	4.1	9.9	15.5	37.4	61.2	1.6	2.6	2.3
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.7	1.1	1.6	0.0	2.5	9.3	9.4	7.7	0.4	0.7	0.6
Colon	0.0	0.0	0.0	0.0	0.0	0.7	1.4	0.8	1.5	1.4	7.3	10.8	22.7	40.1	43.3	59.3	127.0	173.2	191.3	6.3	11.7	9.9
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	1.5	0.9	2.3	6.4	2.1	7.4	15.5	14.0	15.3	0.8	1.4	1.2
Rectum	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	1.5	4.1	2.2	5.4	4.5	8.0	20.6	14.8	37.2	42.1	38.3	2.1	3.7	3.2
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.7	3.4	1.6	2.1	2.5	9.3	0.0	0.0	0.4	0.7	0.6
Liver & Intrahepatic Bile Ducts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.1	0.0	4.5	5.7	3.2	14.4	14.8	15.5	23.4	0.0	1.3	2.1	1.9

**Table 5.1
Female Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.9	2.7	3.4	0.0	2.1	9.9	0.0	4.7	15.3	0.6	1.0	0.8
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.1	3.2	6.2	4.9	12.4	18.7	0.0	0.5	1.0	0.8
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	8.0	10.8	12.5	32.1	35.1	54.3	74.3	56.2	68.9	4.3	7.6	6.6
Digestive Organs, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	1.6	0.0	0.0	0.0	14.0	7.7	0.2	0.3	0.3
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.3	9.6	21.8	45.9	98.9	157.3	237.4	249.4	291.1	224.7	168.4	22.1	36.4	32.7
Bronchus/Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	9.6	21.8	45.9	98.9	155.7	233.2	249.4	288.0	220.0	168.4	21.9	36.0	32.4
Thymus	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	4.1	0.0	3.1	4.7	0.0	0.2	0.3	0.3
Bones & Connective Tissue	0.0	0.9	0.0	0.0	0.7	0.0	0.7	0.8	0.8	0.7	2.2	0.9	1.1	4.8	4.1	7.4	3.1	9.4	0.0	0.9	1.2	1.1
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Connective, Subcutaneous & Other Soft Tissues	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.7	0.7	0.9	1.1	4.8	4.1	7.4	3.1	9.4	0.0	0.7	1.0	0.9
Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.7	2.2	2.7	5.7	4.8	2.1	2.5	6.2	4.7	23.0	0.9	1.3	1.1
Melanoma of Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.5	2.7	3.4	4.8	0.0	2.5	6.2	0.0	23.0	0.6	0.9	0.8
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.7	0.0	2.3	0.0	2.1	0.0	0.0	4.7	0.0	0.3	0.4	0.3
Nonmelanoma Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.6	0.0	0.0	3.1	18.7	38.3	0.2	0.6	0.4
Peripheral Nerves & Autonomic Nervous System	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.7	2.2	1.8	3.4	1.6	8.3	9.9	6.2	0.0	7.7	0.8	1.2	1.1
Breast	0.0	0.0	0.0	0.0	0.0	0.7	0.7	5.3	9.9	18.5	25.4	28.8	39.8	75.4	72.2	106.2	167.2	168.5	252.5	12.7	21.0	18.3
Female Genital Organs	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.8	5.4	8.9	11.6	22.5	33.0	38.5	68.1	61.7	89.8	70.2	130.1	7.9	12.6	11.2
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.6	0.0	9.9	0.0	0.0	7.7	0.2	0.4	0.3
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.6	2.1	0.0	3.1	0.0	0.0	0.2	0.2	0.2
Cervix Uteri	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.8	4.1	2.2	6.3	3.4	3.2	6.2	2.5	6.2	4.7	15.3	1.2	1.7	1.5
Endometrium	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.8	0.0	2.2	3.6	5.7	12.8	18.6	4.9	12.4	28.1	68.9	1.7	2.8	2.5
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.5	0.9	3.4	1.6	0.0	0.0	0.0	4.7	7.7	0.4	0.5	0.4
Ovary	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	3.1	4.8	5.1	9.9	17.0	17.7	41.3	42.0	65.0	32.8	30.6	4.1	6.8	6.0
Female Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.3	0.0	0.0	2.5	3.1	0.0	0.0	0.2	0.3	0.3

(continued)

Table 5.1

Female Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Urinary Tract	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	2.7	10.2	14.4	37.2	32.1	58.8	56.2	30.6	2.7	5.0	4.3
Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.9	4.5	8.0	14.4	14.8	21.7	32.8	0.0	1.2	2.2	1.9
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.1	1.6	4.1	7.4	0.0	0.0	0.0	0.3	0.5	0.4
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	9.3	9.4	7.7	0.1	0.4	0.3
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.8	4.5	4.8	16.5	9.9	27.9	14.0	23.0	1.1	2.0	1.8
Urinary Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eye, Brain & Other CNS	1.6	1.8	0.0	0.0	0.7	0.7	3.6	0.0	1.5	2.7	2.9	4.5	10.2	4.8	18.6	4.9	18.6	23.4	15.3	2.5	3.2	3.0
Eye & Adnexa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0
Meninges	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.1	0.1	0.1
Brain	1.6	1.8	0.0	0.0	0.7	0.7	2.9	0.0	1.5	2.7	2.9	4.5	10.2	4.8	18.6	4.9	18.6	18.7	7.7	2.4	3.1	2.9
Spinal Cord, Cranial Nerves and other CNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thyroid & Other Endocrine Glands	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	4.9	12.4	4.7	15.3	0.4	0.8	0.6
Thyroid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	4.9	12.4	4.7	15.3	0.3	0.7	0.6
Adrenal Gland	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hematopoietic & Reticuloendothelial Systems	0.8	0.0	0.0	0.8	0.7	0.0	2.9	0.8	3.1	2.1	3.6	7.2	17.0	40.1	51.6	69.1	120.8	191.9	160.7	6.3	11.9	10.2
Non-Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.2	2.7	5.7	11.2	20.6	34.6	46.5	88.9	38.3	2.2	4.5	3.7
Hodgkin lymphoma	0.0	0.0	0.0	0.8	0.0	0.0	0.7	0.8	0.8	0.0	0.0	0.0	1.1	1.6	0.0	0.0	3.1	0.0	0.0	0.3	0.4	0.4
Leukemia	0.0	0.0	0.0	0.0	0.7	0.0	2.1	0.0	2.3	0.7	0.7	2.7	6.8	11.2	20.6	19.8	46.5	46.8	91.8	2.3	4.3	3.7
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	3.4	12.8	6.2	4.9	15.5	28.1	23.0	0.9	1.6	1.4
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0
Other Hematopoietic & Reticuloendothelial	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	3.2	4.1	9.9	9.3	23.4	7.7	0.6	1.1	0.9
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	4.1	4.9	0.0	28.1	15.3	0.3	0.7	0.6
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.8	2.1	2.2	7.2	13.6	11.2	10.3	42.0	43.4	107.6	45.9	2.9	5.4	4.5
All Sites	2.4	3.7	0.0	0.8	2.2	4.6	12.8	12.8	32.9	61.8	103.8	176.2	309.1	476.7	677.0	812.4	1186.2	1333.9	1331.6	81.7	138.7	121.5

**Table 5.2
Male Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Head & Neck	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.7	0.7	2.8	16.4	13.5	21.3	19.9	33.9	41.7	74.5	60.1	3.5	5.8	5.1
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	3.4	4.5	0.0	2.2	2.8	0.0	8.3	0.0	0.5	0.6	0.6
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	4.9	2.2	2.8	0.0	16.6	20.0	0.4	0.7	0.6
Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.1	0.1
Floor of mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	2.2	5.6	0.0	0.0	0.0	0.1	0.3	0.2
Palate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.1	0.1
Mouth, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	1.6	2.2	0.0	4.2	0.0	0.0	0.2	0.3	0.3
Parotid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.1	0.2	0.1
Major Salivary Glands, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.1	3.3	0.0	0.0	4.2	0.0	0.0	0.3	0.4	0.3
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nasopharynx	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	1.6	0.0	5.6	4.2	8.3	20.0	0.3	0.6	0.5
Pyiform Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	3.3	2.2	0.0	4.2	0.0	0.0	0.2	0.3	0.3
Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Lip, Oral Cavity & Pharynx, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.1	0.1	0.1
Accessory Sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	8.3	0.0	0.2	0.2	0.2
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	2.2	6.6	6.6	11.3	20.8	24.8	20.0	1.0	1.8	1.5
Digestive Organs	0.0	0.0	0.9	0.0	0.0	1.3	1.4	2.9	11.2	14.9	39.9	80.1	137.0	167.1	263.0	349.8	454.3	654.0	621.2	32.0	55.8	48.3
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	2.0	6.3	6.9	21.3	26.2	33.2	39.5	45.8	82.8	20.0	4.1	6.7	5.9
Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.7	4.9	9.5	20.2	26.2	33.2	42.3	41.7	66.2	60.1	4.1	6.8	6.0
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.7	1.7	2.2	3.3	11.1	5.6	12.5	0.0	20.0	0.8	1.2	1.1
Colon	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.5	1.4	6.3	20.7	25.8	36.0	68.5	126.9	104.2	207.0	160.3	7.6	14.4	12.2
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.7	3.4	7.9	6.6	8.8	19.7	12.5	16.6	40.1	1.3	2.2	2.0
Rectum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.0	4.9	10.3	15.7	26.2	33.2	11.3	50.0	49.7	100.2	3.7	5.9	5.2
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.9	1.1	0.0	2.2	2.8	8.3	8.3	0.0	0.3	0.6	0.5
Liver & Intrahepatic Bile Ducts	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.7	1.5	1.4	8.4	11.2	18.0	16.4	17.7	25.4	33.3	57.9	0.0	3.3	5.1	4.6
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.7	1.7	0.0	0.0	2.2	5.6	0.0	24.8	20.0	0.4	0.8	0.7

(continued)

**Table 5.2
Male Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.9	6.7	6.6	8.8	2.8	16.7	8.3	20.0	0.9	1.5	1.3
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	2.2	2.7	5.6	12.9	18.0	19.7	44.2	64.9	116.7	124.2	160.3	5.3	10.2	8.5
Digestive Organs, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	12.5	8.3	20.0	0.1	0.5	0.4
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	9.5	30.1	56.0	122.4	180.2	311.6	403.4	521.0	447.0	300.6	29.6	52.7	46.1
Bronchus/Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	9.5	28.7	54.2	119.0	172.0	293.9	383.6	504.3	422.2	300.6	28.4	50.4	44.1
Thymus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	3.4	8.2	17.7	19.7	16.7	24.8	0.0	1.2	2.2	1.9
Bones & Connective Tissue	0.8	0.0	0.0	1.6	3.0	2.7	1.4	0.7	0.7	1.4	1.4	1.7	2.2	4.9	8.8	8.5	4.2	8.3	0.0	1.6	2.0	1.9
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.0	0.0	1.5	2.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.4	0.4	0.5
Bones, Joints & Articular Cartilage of Other Sites	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.2	2.8	0.0	0.0	0.0	0.3	0.3	0.3
Connective, Subcutaneous & Other Soft Tissues	0.0	0.0	0.0	0.8	1.5	0.7	1.4	0.7	0.0	0.7	1.4	1.7	2.2	3.3	6.6	2.8	4.2	8.3	0.0	1.0	1.2	1.2
Melanoma	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	3.4	4.9	7.7	4.5	9.8	13.3	16.9	33.3	57.9	0.0	2.2	3.6	3.1
Melanoma of Skin	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	3.4	4.9	6.9	3.4	9.8	13.3	14.1	33.3	41.4	0.0	2.0	3.3	2.8
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	2.8	0.0	16.6	0.0	0.2	0.3	0.3
Nonmelanoma Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	2.8	12.5	8.3	20.0	0.2	0.6	0.5
Peripheral Nerves & Autonomic Nervous System	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	1.6	2.2	2.8	4.2	0.0	0.0	0.2	0.4	0.3
Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.1	0.2	0.2
Male Genital Organs	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.7	1.4	10.3	15.7	44.2	99.5	200.3	341.8	538.1	641.3	11.1	26.3	20.9
Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Prostate Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	9.5	15.7	42.6	99.5	200.3	341.8	538.1	641.3	10.9	26.1	20.7
Testis	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
Male Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Urinary Tract	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.2	0.7	7.7	20.7	10.1	29.5	61.9	81.8	158.4	190.4	260.5	6.6	13.4	11.1
Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.7	5.6	9.5	5.6	11.5	26.5	19.7	37.5	49.7	20.0	2.5	4.3	3.7
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.8	4.2	16.6	0.0	0.2	0.4	0.3
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.2	2.8	8.3	0.0	0.0	0.2	0.4	0.3

(continued)

**Table 5.2
Male Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.1	10.3	3.4	16.4	30.9	48.0	104.2	124.2	240.5	3.6	8.0	6.4
Urinary Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	8.5	4.2	0.0	0.0	0.2	0.4	0.3
Eye, Brain & Other CNS	2.3	0.0	0.9	0.8	2.2	1.3	2.1	2.9	2.2	4.8	11.2	13.8	16.8	18.0	24.3	25.4	33.3	24.8	20.0	4.8	6.5	6.0
Eye & Adnexa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Meninges	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Brain	1.5	0.0	0.9	0.8	1.5	1.3	2.1	2.9	2.2	4.8	11.2	12.9	16.8	16.4	24.3	25.4	33.3	24.8	20.0	4.5	6.3	5.8
Spinal Cord, Cranial Nerves and other CNS	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Thyroid & Other Endocrine Glands	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.1	0.0	2.2	2.8	4.2	0.0	0.0	0.3	0.4	0.3
Thyroid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.8	4.2	0.0	0.0	0.1	0.2	0.2
Adrenal Gland	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Hematopoietic & Reticuloendothelial Systems	0.0	0.9	0.0	0.0	2.2	2.0	1.4	0.7	3.0	5.4	16.1	12.9	33.7	44.2	99.5	135.4	195.9	306.3	280.6	10.9	20.5	17.3
Non-Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	2.2	1.4	6.3	7.7	13.5	18.0	28.7	53.6	58.3	99.3	120.2	4.0	7.4	6.3
Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.7	0.9	0.0	3.3	4.4	0.0	0.0	0.0	0.0	0.4	0.4	0.4
Leukemia	0.0	0.9	0.0	0.0	1.5	0.7	0.7	0.0	0.0	2.7	6.3	0.9	12.4	11.5	33.2	36.7	83.4	91.1	80.2	3.5	6.7	5.6
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	2.1	2.6	6.7	6.6	19.9	22.6	25.0	57.9	60.1	1.8	3.4	2.9
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	8.3	0.0	0.1	0.2	0.1
Other Hematopoietic & Reticuloendothelial	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.9	1.1	4.9	13.3	19.7	29.2	49.7	20.0	1.1	2.5	2.0
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	3.3	4.4	2.8	20.8	16.6	0.0	0.4	0.9	0.8
Unknown Primary	0.0	0.0	0.0	0.0	0.7	1.3	0.0	0.0	0.7	0.0	3.5	3.4	10.1	9.8	24.3	48.0	37.5	99.3	20.0	2.8	5.2	4.4
All Sites	3.1	0.9	1.7	3.2	11.1	8.7	7.8	8.7	22.4	41.4	119.8	226.4	367.2	537.4	934.9	1320.2	1863.0	2425.5	2224.4	106.2	194.4	166.3

**Table 5.3
Overall Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Head & Neck	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.7	2.5	10.6	9.0	12.2	17.1	31.6	30.2	41.9	27.7	2.4	4.1	3.6
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.2	2.3	0.0	1.1	4.0	3.6	6.0	5.5	0.3	0.5	0.4
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.7	0.4	0.6	3.2	2.1	1.3	5.3	6.0	5.5	0.3	0.5	0.5
Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	1.8	3.0	5.5	0.1	0.2	0.1
Floor of mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.6	0.0	1.1	4.0	0.0	0.0	0.0	0.1	0.2	0.2
Palate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
Mouth, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.8	2.1	1.3	3.6	3.0	0.0	0.1	0.3	0.2
Parotid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	1.1	1.3	0.0	3.0	0.0	0.1	0.1	0.1
Major Salivary Glands, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.1	1.6	0.0	2.6	1.8	0.0	0.0	0.2	0.3	0.3
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
Nasopharynx	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.6	0.8	0.0	2.6	1.8	3.0	5.5	0.2	0.3	0.3
Pyiform Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.6	1.1	0.0	1.8	0.0	0.0	0.1	0.2	0.2
Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.6	0.0	1.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Lip, Oral Cavity & Pharynx, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	3.0	0.0	0.0	0.1	0.1
Accessory Sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.1	1.3	0.0	3.0	0.0	0.1	0.2	0.2
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.1	4.1	4.3	7.9	8.9	9.0	5.5	0.5	0.9	0.8
Digestive Organs	0.0	0.0	0.4	0.0	0.0	2.0	1.8	2.2	9.4	14.0	33.2	63.8	103.9	142.7	200.6	263.3	390.9	493.3	470.7	25.5	44.3	38.5
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.7	3.2	4.4	12.4	18.6	22.4	22.4	35.5	35.9	11.1	2.5	4.1	3.7
Stomach	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.4	1.1	2.0	3.6	5.7	14.7	17.8	18.1	25.0	26.7	47.8	60.9	2.8	4.6	4.1
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.4	0.0	1.1	2.2	1.7	2.4	5.3	4.0	10.7	6.0	11.1	0.6	1.0	0.8
Colon	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.4	1.5	1.4	6.8	15.8	24.3	38.1	55.5	90.9	117.3	185.4	182.8	6.9	13.0	11.0
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.4	1.1	2.2	5.1	6.5	5.3	13.2	14.2	14.9	22.2	1.0	1.8	1.5

(continued)

**Table 5.3
Overall Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Rectum	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	1.9	3.1	3.6	7.9	10.2	17.0	26.7	13.2	42.6	44.8	55.4	2.9	4.7	4.2
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.8	2.3	0.8	2.1	2.6	8.9	3.0	0.0	0.4	0.6	0.5
Liver & Intrahepatic Bile Ducts	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	1.1	1.7	4.3	7.9	11.9	9.7	16.0	19.8	23.1	35.9	0.0	2.3	3.5	3.1
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.8	0.0	1.8	2.2	1.7	0.0	2.1	7.9	0.0	12.0	16.6	0.5	0.9	0.7
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.3	4.0	4.9	7.5	4.0	14.2	14.9	5.5	0.7	1.2	1.1
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.5	2.0	6.8	11.9	15.3	25.9	39.5	59.3	92.4	80.7	94.1	4.7	8.6	7.4
Digestive Organs, other & ill-defined	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.8	0.0	1.3	5.3	12.0	11.1	0.2	0.4	0.3
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	1.9	9.6	26.0	51.0	110.7	168.6	273.2	321.3	389.1	305.0	204.9	25.5	43.5	38.7
Bronchus/Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	9.6	25.3	50.1	109.0	163.8	262.5	312.1	380.2	293.0	204.9	24.8	42.3	37.6
Thymus	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.7	4.9	10.7	9.2	8.9	12.0	0.0	0.7	1.2	1.0
Bones & Connective Tissue	0.4	0.4	0.0	0.8	1.8	1.3	1.1	0.7	0.8	1.0	1.8	1.3	1.7	4.9	6.4	7.9	3.6	9.0	0.0	1.2	1.6	1.5
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.0	0.0	1.1	1.0	0.4	0.0	0.4	0.3	0.4	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.3	0.3	0.3
Bones, Joints & Articular Cartilage of Other Sites	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.8	1.1	1.3	0.0	0.0	0.0	0.2	0.2	0.2
Connective, Subcutaneous & Other Soft Tissues	0.0	0.4	0.0	0.4	0.7	0.3	0.7	0.7	0.4	0.7	1.1	1.3	1.7	4.1	5.3	5.3	3.6	9.0	0.0	0.8	1.1	1.1
Melanoma	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.8	2.0	3.6	5.3	5.1	7.3	7.5	9.2	17.8	23.9	16.6	1.5	2.3	2.0
Melanoma of Skin	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.4	1.7	3.2	4.8	3.4	7.3	6.4	7.9	17.8	14.9	16.6	1.3	2.0	1.7
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.4	0.4	1.7	0.0	1.1	1.3	0.0	9.0	0.0	0.2	0.3	0.3
Nonmelanoma Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	2.4	0.0	1.3	7.1	14.9	33.2	0.2	0.6	0.5
Peripheral Nerves & Autonomic Nervous System	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	1.4	1.3	1.7	1.6	5.3	6.6	5.3	0.0	5.5	0.5	0.8	0.7
Breast	0.0	0.0	0.0	0.0	0.0	0.3	0.4	2.6	4.9	9.2	12.5	14.5	19.8	38.1	37.4	59.3	95.9	107.6	182.8	6.7	11.5	9.8
Female Genital Organs	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.4	2.6	4.4	5.7	11.0	16.4	19.5	35.2	32.9	51.5	44.8	94.1	4.1	6.8	5.9
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.8	0.0	5.3	0.0	0.0	5.5	0.1	0.2	0.2
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	1.1	0.0	1.8	0.0	0.0	0.1	0.1	0.1

(continued)

**Table 5.3
Overall Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Cervix Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.4	2.0	1.1	3.1	1.7	1.6	3.2	1.3	3.6	3.0	11.1	0.6	0.9	0.8
Endometrium	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	1.1	1.8	2.8	6.5	9.6	2.6	7.1	17.9	49.8	0.9	1.5	1.3
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.7	0.4	1.7	0.8	0.0	0.0	0.0	3.0	5.5	0.2	0.3	0.2
Ovary	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.5	2.4	2.5	4.8	8.5	8.9	21.3	22.4	37.3	20.9	22.2	2.1	3.6	3.2
Female Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	1.3	1.8	0.0	0.0	0.1	0.2	0.1
Male Genital Organs	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.3	0.7	5.3	7.9	21.9	48.0	94.8	145.7	194.3	177.2	4.9	11.0	9.0
Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prostate Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	4.8	7.9	21.1	48.0	93.5	145.7	194.3	177.2	4.8	10.9	8.8
Testis	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Male Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
Urinary Tract	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	1.0	4.6	11.9	10.2	21.9	49.1	55.3	101.3	104.6	94.1	4.5	8.6	7.3
Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.7	3.2	5.3	5.1	9.7	20.3	17.1	28.4	38.9	5.5	1.8	3.2	2.7
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.6	0.8	3.2	5.3	1.8	6.0	0.0	0.2	0.4	0.3
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.1	1.3	8.9	6.0	5.5	0.2	0.4	0.3
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.1	6.2	4.0	10.5	23.5	27.7	60.4	53.8	83.1	2.2	4.5	3.7
Urinary Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.0	0.0	4.0	1.8	0.0	0.0	0.1	0.2	0.2
Eye, Brain & Other CNS	2.0	0.9	0.4	0.4	1.5	1.0	2.8	1.5	1.9	3.8	7.1	9.2	13.6	11.4	21.3	14.5	24.9	23.9	16.6	3.6	4.8	4.5
Eye & Adnexa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
Meninges	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	5.5	0.1	0.1	0.1
Brain	1.6	0.9	0.4	0.4	1.1	1.0	2.5	1.5	1.9	3.8	7.1	8.8	13.6	10.5	21.3	14.5	24.9	20.9	11.1	3.5	4.6	4.3
Spinal Cord, Cranial Nerves and other CNS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thyroid & Other Endocrine Glands	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.6	0.0	4.3	4.0	8.9	3.0	11.1	0.3	0.6	0.5
Thyroid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.0	8.9	3.0	11.1	0.2	0.5	0.4
Adrenal Gland	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(continued)

**Table 5.3
Overall Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2010, Alberta**

July 31, 2012

	Age at Death																			World Std	US 2000 Std	Canada 1991 Std
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+			
Hematopoietic & Reticuloendothelial Systems	0.4	0.4	0.0	0.4	1.5	1.0	2.1	0.7	3.0	3.8	10.0	10.1	25.4	42.2	74.7	100.1	152.8	233.2	193.8	8.4	15.7	13.4
Non-Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.4	1.1	1.4	4.3	5.3	9.6	14.6	24.5	43.5	51.5	92.7	60.9	3.1	5.8	4.9
Hodgkin lymphoma	0.0	0.0	0.0	0.4	0.4	0.0	0.4	0.4	0.4	0.3	0.4	0.4	0.6	2.4	2.1	0.0	1.8	0.0	0.0	0.3	0.4	0.4
Leukemia	0.0	0.4	0.0	0.0	1.1	0.3	1.4	0.0	1.1	1.7	3.6	1.8	9.6	11.4	26.7	27.7	62.2	62.8	88.6	2.9	5.3	4.5
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.4	1.3	5.1	9.7	12.8	13.2	19.5	38.9	33.2	1.3	2.4	2.1
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	6.0	0.0	0.0	0.1	0.1
Other Hematopoietic & Reticuloendothelial	0.4	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.4	1.3	0.6	4.1	8.5	14.5	17.8	32.9	11.1	0.8	1.7	1.4
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.6	1.6	4.3	4.0	8.9	23.9	11.1	0.4	0.8	0.7
Unknown Primary	0.0	0.0	0.0	0.0	0.4	0.7	0.0	1.5	0.8	1.0	2.9	5.3	11.9	10.5	17.1	44.8	40.9	104.6	38.8	2.8	5.3	4.5
All Sites	2.8	2.2	0.9	2.0	6.6	6.6	10.3	10.7	27.6	51.6	112.0	201.9	338.3	506.7	801.5	1050.7	1474.7	1728.2	1578.3	92.6	162.4	141.0

**Table 6.1
Female New In Situ Cancers for Most Frequent Sites by 5-year Age Groups, Diagnosed in 2010, Alberta**

July 31, 2012

	Age at Diagnosis																	Total
	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Head & Neck	0	0	0	0	0	0	0	2	1	1	0	1	0	1	0	0	0	6
Digestive Organs	0	0	0	1	0	3	1	5	10	12	14	6	10	6	4	5	1	78
Melanoma	0	1	0	3	1	11	13	11	19	17	23	17	10	13	7	5	4	155
Nonmelanoma Skin	0	1	0	3	3	6	11	22	34	41	50	72	71	63	70	49	39	535
Breast	0	0	0	2	2	5	30	59	52	36	49	31	27	19	6	4	1	323
Female Genital Organs*	1	87	639	776	454	292	209	129	68	47	19	20	4	5	2	1	1	2754
Urinary Tract	0	0	0	0	3	0	3	4	7	7	11	9	13	19	10	6	4	96
All Sites	1	89	639	785	463	317	267	232	191	161	166	156	135	126	99	70	50	3947

* Only includes cases that have been confirmed by histology

**Table 6.2
Male New In Situ Cancers for Most Frequent Sites by 5-year Age Groups, Diagnosed in 2010, Alberta**

July 31, 2012

	Age at Diagnosis																	Total
	0-4	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	
Head & Neck	0	0	0	0	0	0	1	1	0	1	4	1	0	2	0	0	0	10
Digestive Organs	0	0	1	0	2	2	3	5	15	11	22	15	19	17	17	6	2	137
Melanoma	0	1	0	0	4	3	6	14	15	17	16	23	28	21	14	7	0	169
Nonmelanoma Skin	1	0	0	0	2	6	9	12	37	29	66	53	94	75	64	37	20	505
Male Genital Organs	0	1	1	1	2	0	3	14	13	28	33	30	8	8	4	2	0	148
Urinary Tract	0	0	0	2	0	2	5	15	15	22	52	39	55	36	32	27	2	304
All Other Sites	0	0	0	0	0	0	0	2	1	0	3	0	0	1	1	1	0	9
All Sites	1	2	2	3	10	13	27	63	96	108	196	161	204	160	132	80	24	1282

Appendix

Cause of Death

The Alberta Cancer Registry reviews the underlying and contributing cause(s) of death for all Albertans with a mention of cancer on the death certificate. If the cause of death is inconsistent with the person's last known condition further information is requested. Based on this information, the underlying cause of death is reviewed and may be coded on the Registry as different from that appearing on the death certificate.

Populations

Alberta 2010-Alberta Health			Standard			
Age Group	Females	Males	Age Group	World	US 2000	1991 Canada
0-4	122,600	129,200	0-4	12.0%	6.9%	6.9%
5-9	109,200	114,400	5-9	10.0%	7.3%	6.9%
10-14	111,100	117,200	10-14	9.0%	7.3%	6.8%
15-19	120,100	126,100	15-19	9.0%	7.2%	6.8%
20-24	135,600	135,500	20-24	8.0%	6.6%	7.5%
25-29	151,400	149,400	25-29	8.0%	6.5%	9.0%
30-34	140,300	141,200	30-34	6.0%	7.1%	9.2%
35-39	132,800	137,300	35-39	6.0%	8.1%	8.3%
40-44	130,800	133,800	40-44	6.0%	8.2%	7.6%
45-49	145,600	147,200	45-49	6.0%	7.2%	6.0%
50-54	137,800	142,700	50-54	5.0%	6.3%	4.8%
55-59	111,200	116,200	55-59	4.0%	4.8%	4.4%
60-64	88,000	89,000	60-64	4.0%	3.9%	4.2%
65-69	62,300	61,000	65-69	3.0%	3.4%	3.9%
70-74	48,500	45,200	70-74	2.0%	3.2%	3.0%
75-79	40,500	35,500	75-79	1.0%	2.7%	2.2%
80-84	32,300	24,000	80-84	0.5%	1.8%	1.4%
85-89	21,400	12,100	85+	0.5%	1.6%	1.0%
90+	13,100	5,000				

The Alberta population data are estimates derived by Alberta Health (AH). The World, United States 2000 and 1991 Canada standard populations are expressed as weights.

Contact Information

Alberta Health Services

**Surveillance and Reporting,
Cancer Care**

**Alberta Cancer Registry,
Cancer Care**

1400-10123 99 Street
Edmonton, AB T5J 3H1
Phone: (780) 643-4347
Fax: (780) 643-4380

In Edmonton:
11560 University Avenue
Edmonton, AB T6G 1Z2
Phone: (780) 432-8662
Fax: (780) 432-8659

In Calgary:
1331-29 Street NW
Calgary, AB T2N 4N2
Phone: (403) 521-3755
Fax: (403) 521-3829



**Alberta Health
Services**