



**Alberta Health  
Services**

*Cancer Care*

**ALBERTA  
CANCER  
REGISTRY**

**2009**

**Annual Report**  
of Cancer Statistics

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# 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). NAACCR has announced that, for 2009 cancer data, the Registry has received a Gold Certification based on the completeness of our data, timely reporting, and other measures that judge data quality.

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

# Introduction

This report is produced by Alberta Health Services - Cancer Care, Cancer Surveillance using 2009 Alberta Cancer Registry data. The Surveillance Department 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 Cancer Surveillance, Cancer Care, Alberta Health Services (pg 40).

## Highlights

- In 2009, there were 14,846 cases of cancer diagnosed in Alberta and 5,820 people died from this disease.
- The most common cancers in Alberta in 2009 were prostate, breast, lung and colorectal. These four cancers accounted for 54% of new cancer cases and 50% of cancer deaths.

## Data

The numbers published in this report should be considered provisional, as a few 2009 cases and deaths will be registered in subsequent years. The data in this report reflects the state of the Cancer Registry as of April 27, 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. <i>In situ</i> 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.
<b>Incidence and Mortality Rates</b>	
<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 2009, Alberta

April 27, 2012

	Number of Cases		
	Female	Male	Total
All Cancers ( <i>excluding NMSC</i> )	7045	7801	14846
Prostate Gland	n/a	2192	2192
Breast	2100	16	2116
Bronchus/Lung	882	1033	1915
Colorectal	781	1056	1837
Non-Hodgkin Lymphoma	282	367	649
Melanoma of Skin	265	291	556
Leukemia	190	282	472
Endometrium	432	n/a	432
Kidney	144	285	429
Pancreas	188	186	374
Thyroid Gland	265	92	357
Bladder	72	243	315
Stomach	84	167	251
Unknown Primary	118	113	231
Other Hematopoietic & Reticuloendothelial	102	126	228
Brain	89	134	223
Multiple Myeloma & Plasmacytoma	88	122	210
Liver & Intrahepatic Bile Ducts	56	132	188
Ovary	182	n/a	182
Esophagus	41	127	168
Cervix Uteri	167	n/a	167
Connective, Subcutaneous & Other Soft Tissues	42	63	105
All Other Cancers ( <i>excluding NMSC</i> )	475	774	1249

Table 1.2

## Top Causes of Death Due to Cancer by Sex in 2009, Alberta

April 27, 2012

	Number of Deaths		
	Female	Male	Total
All Cancers	2695	3125	5820
Bronchus/Lung	683	809	1492
Colorectal	264	383	647
Breast	416	3	419
Prostate Gland	n/a	367	367
Pancreas	169	165	334
Non-Hodgkin Lymphoma	105	118	223
Leukemia	88	121	209
Unknown Primary	94	109	203
Stomach	66	121	187
Brain	75	103	178
Bladder	32	107	139
Liver & Intrahepatic Bile Ducts	45	82	127
Kidney	40	84	124
Ovary	122	n/a	122
Multiple Myeloma & Plasmacytoma	50	69	119
Esophagus	30	87	117
Melanoma of Skin	22	54	76
Endometrium	58	n/a	58
Other Hematopoietic & Reticuloendothelial	25	33	58
All Other Cancers	311	310	621

**Table 2.1  
Female New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+
<b>Head &amp; Neck</b>	0	0	0	0	2	1	1	5	2	6	9	14	13	17	18	14	6	6	6	120
Lip	0	0	0	0	0	0	0	0	1	0	0	1	1	2	1	0	3	0	1	10
Base of Tongue	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	3
Tongue, other & unspecified	0	0	0	0	0	0	0	1	1	0	2	3	1	3	1	6	0	2	0	20
Gum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	3	7
Floor of mouth	0	0	0	0	0	0	0	0	0	0	3	0	1	0	2	3	0	0	0	9
Palate	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	4
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	4
Parotid Gland	0	0	0	0	1	1	0	1	0	0	0	2	2	3	1	0	0	0	0	11
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2
Tonsil	0	0	0	0	0	0	0	0	0	2	1	1	1	2	3	3	0	0	0	13
Oropharynx	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	3
Nasopharynx	0	0	0	0	0	0	0	1	0	1	2	1	0	2	0	0	0	0	0	7
Pyriform Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Hypopharynx	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2
Nasal Cavity & Middle Ear	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	4
Accessory Sinuses	0	0	0	0	0	0	0	2	0	1	0	0	0	2	2	0	1	0	0	8
Larynx	0	0	0	0	0	0	0	0	0	0	0	3	3	1	4	1	0	0	0	12
<b>Digestive Organs</b>	1	0	0	0	2	12	7	11	23	61	94	111	129	134	158	199	147	121	57	1267
Esophagus	0	0	0	0	0	0	0	0	1	1	3	5	10	5	1	2	5	6	2	41
Stomach	0	0	0	0	0	1	0	1	0	8	4	10	8	9	14	7	9	11	2	84
Small Intestine	0	0	0	0	0	0	1	0	1	3	4	6	3	2	3	6	0	1	1	31
Colon	0	0	0	0	2	4	4	5	5	24	31	39	55	50	66	99	71	53	22	530
Rectosigmoid Junction	0	0	0	0	0	0	0	0	2	4	9	12	8	9	10	10	7	4	1	76
Rectum	0	0	0	0	0	5	1	1	8	9	22	12	15	16	22	21	13	19	11	175
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	6	4	4	6	3	1	0	2	1	0	27
Liver & Intrahepatic Bile Ducts	1	0	0	0	0	1	0	0	1	2	1	7	3	11	11	7	6	2	3	56
Gall bladder	0	0	0	0	0	0	0	1	1	0	3	2	5	1	5	4	4	0	2	28
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	1	0	0	0	3	4	3	3	1	3	2	20
Pancreas	0	0	0	0	0	1	1	3	3	4	13	14	13	24	20	37	27	17	11	188
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	4	0	11
<b>Respiratory &amp; Intrathoracic Organs</b>	0	0	0	0	0	0	1	2	11	39	56	86	130	145	120	133	99	43	25	890
Bronchus/Lung	0	0	0	0	0	0	1	2	10	38	56	86	130	143	118	133	98	42	25	882
Thymus	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	4
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	4
<b>Bones &amp; Connective Tissue</b>	1	2	3	5	0	4	1	1	1	6	7	2	6	4	1	3	2	3	0	52
Bones, Joints & Articular Cartilage of Limbs	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Bones, Joints & Articular Cartilage of Other Sites	0	0	1	2	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	6
Connective, Subcutaneous & Other Soft Tissues	1	2	0	2	0	4	1	1	1	5	6	2	6	4	0	3	1	3	0	42
<b>Melanoma</b>	0	0	0	0	2	7	13	17	22	29	34	26	31	24	26	11	17	12	6	277
Melanoma of Skin	0	0	0	0	2	7	13	17	22	29	33	25	28	21	26	10	16	10	6	265
Melanoma of Eye	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	0	5
Melanoma - other	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	1	1	0	7
Nonmelanoma Skin	0	0	0	1	8	21	36	73	126	225	303	272	318	282	284	335	296	229	134	2943
Peripheral Nerves & Autonomic Nervous System	0	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	4

**Table 2.1  
Female New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+	
Retroperitoneum & Peritoneum	0	0	0	0	0	1	0	0	1	1	4	1	4	2	8	4	1	3	0	30
Breast	0	0	0	0	3	6	21	67	138	238	265	258	262	225	182	166	138	93	38	2100
Female Genital Organs	0	1	0	2	4	22	28	50	66	71	83	116	114	94	66	60	46	27	11	861
Vulva	0	0	0	0	0	0	0	0	4	3	5	1	1	4	3	6	3	3	1	34
Vagina	0	0	0	0	0	0	0	0	1	0	1	1	0	2	1	0	3	0	1	10
Cervix Uteri	0	0	0	0	1	17	19	30	29	18	20	11	6	8	1	2	3	2	0	167
Endometrium	0	0	0	0	0	0	3	15	16	25	45	77	82	60	42	30	21	10	6	432
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	1	2	3	1	2	2	2	1	1	1	0	0	16
Ovary	0	1	0	2	2	5	6	3	14	17	11	21	21	17	17	19	14	10	2	182
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	1	0	5	0	3	2	1	1	2	1	2	1	19
Placenta	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Urinary Tract	4	1	0	0	0	1	4	5	4	11	30	25	31	29	24	23	25	17	13	247
Kidney	4	1	0	0	0	1	3	5	4	8	27	22	21	16	6	7	9	6	4	144
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	2	1	2	2	4	3	2	4	1	21
Ureter	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	2	2	1	0	9
Bladder	0	0	0	0	0	0	1	0	0	2	1	2	7	11	12	10	12	6	8	72
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Eye, Brain & Other CNS	8	3	1	4	2	3	4	6	2	5	8	4	9	6	10	9	7	6	3	100
Eye & Adnexa	4	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	6
Meninges	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Brain	3	3	1	4	2	2	3	4	2	5	7	4	8	6	10	9	7	6	3	89
Spinal Cord, Cranial Nerves and other CNS	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	4
Thyroid & Other Endocrine Glands	0	0	0	4	10	27	20	39	31	30	32	27	17	12	6	9	3	3	0	270
Thyroid Gland	0	0	0	4	9	27	18	39	29	30	32	27	17	12	6	9	3	3	0	265
Adrenal Gland	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	3
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Hematopoietic & Reticuloendothelial Systems	5	2	5	11	5	14	8	19	12	36	54	62	60	84	80	96	78	51	21	703
Non-Hodgkin lymphoma	0	1	1	1	0	4	2	4	7	17	28	32	25	34	30	30	37	22	7	282
Hodgkin lymphoma	0	0	3	3	2	9	2	6	0	1	1	1	3	3	0	0	2	0	0	36
Leukemia	5	1	1	6	3	1	3	3	3	11	13	13	14	23	26	32	12	9	11	190
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	0	4	6	12	12	10	11	13	14	5	1	88
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	0	0	0	5
Other Hematopoietic & Reticuloendothelial	0	0	0	1	0	0	1	6	2	2	6	4	6	13	12	19	13	15	2	102
Other & Ill-Defined Sites	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	6
Unknown Primary	0	0	0	0	0	1	2	1	1	6	6	4	10	6	7	16	30	24	4	118
All Sites	21	9	9	27	38	121	147	296	441	764	985	1008	1134	1066	990	1079	895	638	320	9988
All Sites Excluding Nonmelanoma Skin	21	9	9	26	30	100	111	223	315	539	682	736	816	784	706	744	599	409	186	7045



**Table 2.2  
Male New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+	
<b>Head &amp; Neck</b>	0	0	0	0	1	2	4	7	12	19	36	55	45	39	34	23	21	8	1	307
Lip	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	4	2	1	0	11
Base of Tongue	0	0	0	0	0	0	0	0	1	2	6	9	6	4	2	0	0	1	0	31
Tongue, other & unspecified	0	0	0	0	0	0	1	3	2	4	3	3	5	3	8	4	5	1	0	42
Gum	0	0	0	0	0	0	1	0	0	0	2	1	2	2	0	1	0	1	1	11
Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	5	0	1	1	2	0	0	0	9
Palate	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Mouth, other & unspecified	0	0	0	0	0	0	1	0	1	1	2	5	3	1	1	1	2	0	0	18
Parotid Gland	0	0	0	0	0	0	1	1	1	2	1	3	1	0	2	1	1	1	0	15
Major Salivary Glands, other & unspecified	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	0	0	4
Tonsil	0	0	0	0	0	0	0	2	2	4	9	12	5	3	1	2	0	0	0	40
Oropharynx	0	0	0	0	0	0	0	0	0	0	2	3	5	0	1	1	1	0	0	13
Nasopharynx	0	0	0	0	0	0	0	1	2	3	1	3	2	2	1	0	0	0	0	15
Pyriform Sinus	0	0	0	0	0	0	0	0	1	0	0	1	0	3	2	1	0	0	0	8
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	3
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0	6
Accessory Sinuses	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0	1	0	5
Larynx	0	0	0	0	0	0	0	0	0	1	9	9	13	16	11	4	7	2	0	72
<b>Digestive Organs</b>	3	0	2	0	0	3	5	13	36	59	168	206	253	238	247	247	170	94	29	1773
Esophagus	0	0	0	0	0	0	0	0	2	4	12	17	28	20	13	18	4	8	1	127
Stomach	0	0	0	0	0	0	0	2	4	6	14	19	28	19	20	24	22	8	1	167
Small Intestine	0	0	0	0	0	1	0	0	3	3	5	3	6	3	3	4	0	1	0	32
Colon	0	0	1	0	0	1	1	5	11	15	62	59	82	86	106	98	72	40	9	648
Rectosigmoid Junction	0	0	0	0	0	0	0	0	3	6	6	18	22	16	14	15	8	3	3	114
Rectum	0	0	0	0	0	0	0	3	3	9	33	42	40	54	35	30	29	11	5	294
Anus & Anal Canal	0	0	0	0	0	0	2	1	1	0	4	1	1	1	3	2	0	0	1	17
Liver & Intrahepatic Bile Ducts	3	0	1	0	0	0	1	2	2	7	20	26	20	12	15	13	4	5	1	132
Gall bladder	0	0	0	0	0	1	1	0	0	1	0	0	0	2	2	2	2	2	1	14
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	2	0	2	5	4	7	2	7	3	0	2	34
Pancreas	0	0	0	0	0	0	0	0	5	8	10	15	21	16	34	34	23	16	4	186
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	3	0	1	8
<b>Respiratory &amp; Intrathoracic Organs</b>	1	0	0	0	0	1	0	0	8	25	72	84	113	172	203	189	135	56	18	1077
Bronchus/Lung	1	0	0	0	0	0	0	0	6	25	68	81	110	162	196	183	131	54	16	1033
Thymus	0	0	0	0	0	0	0	0	2	0	3	0	0	1	1	0	0	0	0	7
Heart, Mediastinum & Pleura	0	0	0	0	0	1	0	0	0	0	1	3	3	9	6	6	4	2	2	37
<b>Bones &amp; Connective Tissue</b>	2	2	0	2	3	8	1	2	1	11	5	4	8	9	10	7	4	3	0	82
Bones, Joints & Articular Cartilage of Limbs	0	1	0	0	2	1	1	0	0	4	1	0	1	1	1	0	0	0	0	13
Bones, Joints & Articular Cartilage of Other Sites	0	1	0	0	0	0	0	0	1	0	2	0	0	0	0	2	0	0	0	6
Connective, Subcutaneous & Other Soft Tissues	2	0	0	2	1	7	0	2	0	7	2	4	7	8	9	5	4	3	0	63
<b>Melanoma</b>	0	0	0	1	3	5	3	13	19	37	38	41	27	28	30	26	19	9	5	304
Melanoma of Skin	0	0	0	1	3	5	3	13	18	37	38	37	27	27	27	24	19	8	4	291
Melanoma of Eye	0	0	0	0	0	0	0	0	1	0	0	3	0	1	3	2	0	1	0	11
Melanoma - other	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
<b>Nonmelanoma Skin</b>	0	0	0	0	2	12	23	44	110	190	308	349	446	466	420	484	390	216	87	3547

(continued)

**Table 2.2  
Male New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+	
Peripheral Nerves & Autonomic Nervous System	2	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	5
Retroperitoneum & Peritoneum	0	0	0	0	0	0	1	0	1	1	3	2	1	2	1	0	0	0	0	12
Breast	0	0	0	0	0	0	0	0	0	2	0	0	3	2	1	4	0	4	0	16
Male Genital Organs	1	0	0	3	12	19	25	9	19	84	165	307	415	410	343	239	162	75	24	2312
Penis	0	0	0	0	0	0	0	1	2	0	1	2	0	2	5	2	0	0	0	15
Prostate Gland	1	0	0	0	0	0	0	0	5	78	159	300	411	406	336	235	162	75	24	2192
Testis	0	0	0	3	12	19	24	8	12	6	5	4	3	0	2	1	0	0	0	99
Male Genital Organs, other & unspecified	0	0	0	0	0	0	1	0	0	0	0	1	1	2	0	1	0	0	0	6
Urinary Tract	0	0	0	0	0	1	3	14	16	25	53	68	73	66	62	75	62	29	12	559
Kidney	0	0	0	0	0	1	3	11	13	20	36	49	40	33	27	23	18	8	3	285
Renal Pelvis	0	0	0	0	0	0	0	1	1	1	0	2	3	1	0	3	2	1	1	16
Ureter	0	0	0	0	0	0	0	2	0	0	1	0	1	1	1	3	1	0	0	10
Bladder	0	0	0	0	0	0	0	0	2	4	16	16	27	31	34	44	41	20	8	243
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	2	0	0	0	5
Eye, Brain & Other CNS	13	4	2	5	4	7	5	6	3	12	17	13	10	11	10	12	9	6	1	150
Eye & Adnexa	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Meninges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Brain	5	4	2	4	3	5	5	6	3	11	16	13	10	11	10	12	8	5	1	134
Spinal Cord, Cranial Nerves and other CNS	5	0	0	1	1	2	0	0	0	1	1	0	0	0	0	0	0	0	0	11
Thyroid & Other Endocrine Glands	0	2	0	1	1	6	6	5	7	9	13	13	8	8	9	6	2	0	0	96
Thyroid Gland	0	1	0	1	0	6	6	5	7	9	12	13	8	8	9	6	1	0	0	92
Adrenal Gland	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
Other Endocrine Glands & Related Structures	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
Hematopoietic & Reticuloendothelial Systems	4	4	7	11	14	20	17	16	33	61	71	109	122	112	106	119	78	48	17	969
Non-Hodgkin lymphoma	0	1	0	2	3	4	8	7	16	33	23	39	57	47	40	46	21	13	7	367
Hodgkin lymphoma	0	0	2	4	9	8	4	4	2	7	7	4	4	3	1	1	0	1	0	61
Leukemia	3	3	5	3	2	8	5	1	10	8	26	37	33	26	39	27	27	14	5	282
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	4	4	6	7	17	15	15	11	22	12	9	0	122
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	3	3	0	1	11
Other Hematopoietic & Reticuloendothelial	1	0	0	2	0	0	0	0	1	7	7	12	12	20	14	20	15	11	4	126
Other & III-Defined Sites	0	0	0	0	0	0	0	0	1	2	7	3	5	2	1	1	1	3	0	26
Unknown Primary	0	0	0	0	0	1	0	1	2	1	7	7	13	14	12	22	19	9	5	113
All Sites	26	12	11	23	40	86	93	130	268	539	963	1262	1542	1579	1489	1454	1072	560	199	11348
All Sites Excluding Nonmelanoma Skin	26	12	11	23	38	74	70	86	158	349	655	913	1096	1113	1069	970	682	344	112	7801

**Table 2.3  
Overall New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+	
<b>Head &amp; Neck</b>	0	0	0	0	3	3	5	12	14	25	45	69	58	56	52	37	27	14	7	427
Lip	0	0	0	0	0	0	0	0	2	0	0	1	1	4	2	4	5	1	1	21
Base of Tongue	0	0	0	0	0	0	0	0	1	2	6	9	7	4	3	0	0	1	1	34
Tongue, other & unspecified	0	0	0	0	0	0	1	4	3	4	5	6	6	6	9	10	5	3	0	62
Gum	0	0	0	0	0	0	1	0	0	0	2	1	3	2	2	1	1	1	4	18
Floor of mouth	0	0	0	0	0	0	0	0	0	0	3	5	1	1	3	5	0	0	0	18
Palate	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	1	1	0	6
Mouth, other & unspecified	0	0	0	0	0	0	1	0	1	1	2	6	3	1	1	2	2	1	1	22
Parotid Gland	0	0	0	0	1	1	1	2	1	2	1	5	3	3	3	1	1	1	0	26
Major Salivary Glands, other & unspecified	0	0	0	0	0	1	1	0	0	1	0	1	0	0	0	0	2	0	0	6
Tonsil	0	0	0	0	0	0	0	2	2	6	10	13	6	5	4	5	0	0	0	53
Oropharynx	0	0	0	0	0	0	0	0	0	1	2	4	5	1	1	1	1	0	0	16
Nasopharynx	0	0	0	0	0	0	0	2	2	4	3	4	2	4	1	0	0	0	0	22
Pyriform Sinus	0	0	0	0	0	0	0	0	1	0	0	1	0	4	2	1	0	0	0	9
Hypopharynx	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	0	5
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Nasal Cavity & Middle Ear	0	0	0	0	1	0	0	0	1	2	0	0	0	1	2	1	1	1	0	10
Accessory Sinuses	0	0	0	0	1	0	0	2	0	1	0	0	3	2	2	0	1	1	0	13
Larynx	0	0	0	0	0	0	0	0	0	1	9	12	16	17	15	5	7	2	0	84
<b>Digestive Organs</b>	4	0	2	0	2	15	12	24	59	120	262	317	382	372	405	446	317	215	86	3040
Esophagus	0	0	0	0	0	0	0	0	3	5	15	22	38	25	14	20	9	14	3	168
Stomach	0	0	0	0	0	1	0	3	4	14	18	29	36	28	34	31	31	19	3	251
Small Intestine	0	0	0	0	0	1	1	0	4	6	9	9	9	5	6	10	0	2	1	63
Colon	0	0	1	0	2	5	5	10	16	39	93	98	137	136	172	197	143	93	31	1178
Rectosigmoid Junction	0	0	0	0	0	0	0	0	5	10	15	30	30	25	24	25	15	7	4	190
Rectum	0	0	0	0	0	5	1	4	11	18	55	54	55	70	57	51	42	30	16	469
Anus & Anal Canal	0	0	0	0	0	0	2	1	1	6	8	5	7	4	4	2	2	1	1	44
Liver & Intrahepatic Bile Ducts	4	0	1	0	0	1	1	2	3	9	21	33	23	23	26	20	10	7	4	188
Gall bladder	0	0	0	0	0	1	1	1	1	1	3	2	5	3	7	6	6	2	3	42
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	3	0	2	5	7	11	5	10	4	3	4	54
Pancreas	0	0	0	0	0	1	1	3	8	12	23	29	34	40	54	71	50	33	15	374
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	5	4	1	19
<b>Respiratory &amp; Intrathoracic Organs</b>	1	0	0	0	0	1	1	2	19	64	128	170	243	317	323	322	234	99	43	1967
Bronchus/Lung	1	0	0	0	0	0	1	2	16	63	124	167	240	305	314	316	229	96	41	1915
Thymus	0	0	0	0	0	0	0	0	3	0	3	0	0	2	2	0	1	0	0	11
Heart, Mediastinum & Pleura	0	0	0	0	0	1	0	0	0	1	1	3	3	10	7	6	4	3	2	41
<b>Bones &amp; Connective Tissue</b>	3	4	3	7	3	12	2	3	2	17	12	6	14	13	11	10	6	6	0	134
Bones, Joints & Articular Cartilage of Limbs	0	1	2	1	2	1	1	0	0	4	1	0	1	1	1	0	1	0	0	17
Bones, Joints & Articular Cartilage of Other Sites	0	1	1	2	0	0	0	0	1	1	3	0	0	0	1	2	0	0	0	12
Connective, Subcutaneous & Other Soft Tissues	3	2	0	4	1	11	1	3	1	12	8	6	13	12	9	8	5	6	0	105
<b>Melanoma</b>	0	0	0	1	5	12	16	30	41	66	72	67	58	52	56	37	36	21	11	581
Melanoma of Skin	0	0	0	1	5	12	16	30	40	66	71	62	55	48	53	34	35	18	10	556
Melanoma of Eye	0	0	0	0	0	0	0	0	1	0	1	3	1	2	3	3	0	2	0	16
Melanoma - other	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	1	1	1	9
<b>Nonmelanoma Skin</b>	0	0	0	1	10	33	59	117	236	415	611	621	764	748	704	819	686	445	221	6490
Peripheral Nerves & Autonomic Nervous System	2	0	0	0	0	2	1	0	1	1	0	1	0	1	0	0	0	0	0	9
Retroperitoneum & Peritoneum	0	0	0	0	0	1	1	0	2	2	7	3	5	4	9	4	1	3	0	42
Breast	0	0	0	0	3	6	21	67	138	240	265	258	265	227	183	170	138	97	38	2116
<b>Female Genital Organs</b>	0	1	0	2	4	22	28	50	66	71	83	116	114	94	66	60	46	27	11	861
Vulva	0	0	0	0	0	0	0	0	4	3	5	1	1	4	3	6	3	3	1	34

(continued)

**Table 2.3**  
**Overall New Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+	
Vagina	0	0	0	0	0	0	0	0	1	0	1	1	0	2	1	0	3	0	1	10
Cervix Uteri	0	0	0	0	1	17	19	30	29	18	20	11	6	8	1	2	3	2	0	167
Endometrium	0	0	0	0	0	0	3	15	16	25	45	77	82	60	42	30	21	10	6	432
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	1	2	3	1	2	2	2	1	1	1	0	0	16
Ovary	0	1	0	2	2	5	6	3	14	17	11	21	21	17	17	19	14	10	2	182
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	1	0	5	0	3	2	1	1	2	1	2	1	19
Placenta	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Male Genital Organs	1	0	0	3	12	19	25	9	19	84	165	307	415	410	343	239	162	75	24	2312
Penis	0	0	0	0	0	0	0	1	2	0	1	2	0	2	5	2	0	0	0	15
Prostate Gland	1	0	0	0	0	0	0	0	5	78	159	300	411	406	336	235	162	75	24	2192
Testis	0	0	0	3	12	19	24	8	12	6	5	4	3	0	2	1	0	0	0	99
Male Genital Organs, other & unspecified	0	0	0	0	0	0	1	0	0	0	1	1	2	0	1	0	0	0	0	6
Urinary Tract	4	1	0	0	0	2	7	19	20	36	83	93	104	95	86	98	87	46	25	806
Kidney	4	1	0	0	0	2	6	16	17	28	63	71	61	49	33	30	27	14	7	429
Renal Pelvis	0	0	0	0	0	0	0	1	1	1	2	3	5	3	4	6	4	5	2	37
Ureter	0	0	0	0	0	0	0	2	0	1	1	0	2	1	3	5	3	1	0	19
Bladder	0	0	0	0	0	0	1	0	2	6	17	18	34	42	46	54	53	26	16	315
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	6
Eye, Brain & Other CNS	21	7	3	9	6	10	9	12	5	17	25	17	19	17	20	21	16	12	4	250
Eye & Adnexa	7	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	10
Meninges	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
Brain	8	7	3	8	5	7	8	10	5	16	23	17	18	17	20	21	15	11	4	223
Spinal Cord, Cranial Nerves and other CNS	6	0	0	1	1	2	1	1	0	1	1	0	1	0	0	0	0	0	0	15
Thyroid & Other Endocrine Glands	0	2	0	5	11	33	26	44	38	39	45	40	25	20	15	15	5	3	0	366
Thyroid Gland	0	1	0	5	9	33	24	44	36	39	44	40	25	20	15	15	4	3	0	357
Adrenal Gland	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	5
Other Endocrine Glands & Related Structures	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	4
Hematopoietic & Reticuloendothelial Systems	9	6	12	22	19	34	25	35	45	97	125	171	182	196	186	215	156	99	38	1672
Non-Hodgkin lymphoma	0	2	1	3	3	8	10	11	23	50	51	71	82	81	70	76	58	35	14	649
Hodgkin lymphoma	0	0	5	7	11	17	6	10	2	8	8	5	7	6	1	1	2	1	0	97
Leukemia	8	4	6	9	5	9	8	4	13	19	39	50	47	49	65	59	39	23	16	472
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	4	4	10	13	29	27	25	22	35	26	14	1	210
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	1	1	0	1	2	2	5	3	0	1	16
Other Hematopoietic & Reticuloendothelial	1	0	0	3	0	0	1	6	3	9	13	16	18	33	26	39	28	26	6	228
Other & Ill-Defined Sites	2	0	0	0	0	0	0	0	1	2	7	3	5	3	1	2	1	3	2	32
Unknown Primary	0	0	0	0	0	2	2	2	3	7	13	11	23	20	19	38	49	33	9	231
All Sites	47	21	20	50	78	207	240	426	709	1303	1948	2270	2676	2645	2479	2533	1967	1198	519	21336
All Sites Excluding Nonmelanoma Skin	47	21	20	49	68	174	181	309	473	888	1337	1649	1912	1897	1775	1714	1281	753	298	14846

**Table 3.1  
Female Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+			
<b>Head &amp; Neck</b>	0.0	0.0	0.0	0.0	1.5	0.7	0.7	3.8	1.5	4.1	6.8	13.3	15.7	28.5	38.2	34.7	19.1	28.4	49.0	4.5	6.6	6.1
Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.0	1.2	3.4	2.1	0.0	9.6	0.0	8.2	0.3	0.6	0.5
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	0.0	1.2	0.0	2.1	0.0	0.0	0.0	8.2	0.1	0.2	0.1
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	1.5	2.9	1.2	5.0	2.1	14.9	0.0	9.5	0.0	0.7	1.1	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	0.0	1.2	0.0	4.2	0.0	3.2	0.0	24.5	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	0.0	2.3	0.0	1.2	0.0	4.2	7.4	0.0	0.0	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	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	3.2	4.7	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	0.0	1.0	0.0	0.0	0.0	2.5	0.0	4.7	8.2	0.1	0.2	0.2
Parotid Gland	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.8	0.0	0.0	0.0	1.9	2.4	5.0	2.1	0.0	0.0	0.0	0.0	0.5	0.6	0.6
Major Salivary Glands, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.8	1.0	1.2	3.4	6.4	7.4	0.0	0.0	0.0	0.5	0.8	0.7
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.7	1.5	1.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.3	0.4	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	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Hypopharynx	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	4.7	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	0.0	0.0	0.0	0.0	0.0	0.0
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	2.1	0.0	0.0	4.7	0.0	0.2	0.2	0.2
Accessory Sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.7	0.0	0.0	0.0	3.4	4.2	0.0	3.2	0.0	0.0	0.3	0.5	0.5
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.6	1.7	8.5	2.5	0.0	0.0	0.0	0.5	0.7	0.7
<b>Digestive Organs</b>	0.8	0.0	0.0	0.0	1.5	8.3	5.2	8.5	17.7	42.0	70.7	105.5	156.2	224.5	335.6	493.8	468.8	573.0	465.3	42.7	70.1	61.9
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	2.3	4.8	12.1	8.4	2.1	5.0	15.9	28.4	16.3	1.4	2.1	1.9
Stomach	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	5.5	3.0	9.5	9.7	15.1	29.7	17.4	28.7	52.1	16.3	2.9	4.6	4.1
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	2.1	3.0	5.7	3.6	3.4	6.4	14.9	0.0	4.7	8.2	1.1	1.7	1.5
Colon	0.0	0.0	0.0	0.0	1.5	2.8	3.0	3.8	3.8	16.5	23.3	37.1	66.6	83.8	140.2	245.6	226.4	251.0	179.6	17.3	29.6	26.0
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.8	6.8	11.4	9.7	15.1	21.2	24.8	22.3	18.9	8.2	2.8	4.2	3.7
Rectum	0.0	0.0	0.0	0.0	0.0	3.4	0.7	0.8	6.1	6.2	16.5	11.4	18.2	26.8	46.7	52.1	41.5	90.0	89.8	6.0	9.5	8.4
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	3.0	3.8	7.3	5.0	2.1	0.0	6.4	4.7	0.0	1.1	1.4	1.2

**Table 3.1  
Female Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+			
Liver & Intrahepatic Bile Ducts	0.8	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.8	1.4	0.8	6.7	3.6	18.4	23.4	17.4	19.1	9.5	24.5	2.1	3.2	2.9
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	2.3	1.9	6.1	1.7	10.6	9.9	12.8	0.0	16.3	1.0	1.6	1.4
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	3.6	6.7	6.4	7.4	3.2	14.2	16.3	0.7	1.1	1.0
Pancreas	0.0	0.0	0.0	0.0	0.0	0.7	0.7	2.3	2.3	2.8	9.8	13.3	15.7	40.2	42.5	91.8	86.1	80.5	89.8	6.0	10.6	9.3
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	4.2	7.4	6.4	18.9	0.0	0.3	0.6	0.5
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	8.5	26.8	42.1	81.7	157.4	242.9	254.9	330.0	315.7	203.6	204.1	32.2	49.6	45.3
Bronchus/Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	7.7	26.1	42.1	81.7	157.4	239.6	250.7	330.0	312.6	198.9	204.1	31.9	49.2	44.9
Thymus	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	1.7	2.1	0.0	3.2	0.0	0.0	0.2	0.2	0.2
Heart, Mediastinum & Pleura	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	1.7	2.1	0.0	0.0	4.7	0.0	0.1	0.2	0.2
Bones & Connective Tissue	0.8	1.9	2.7	4.1	0.0	2.8	0.7	0.8	0.8	4.1	5.3	1.9	7.3	6.7	2.1	7.4	6.4	14.2	0.0	2.5	2.8	2.7
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	1.8	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	3.2	0.0	0.0	0.3	0.2	0.2
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.0	0.9	1.7	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.4	0.4	0.3
Connective, Subcutaneous & Other Soft Tissues	0.8	1.9	0.0	1.7	0.0	2.8	0.7	0.8	0.8	3.4	4.5	1.9	7.3	6.7	0.0	7.4	3.2	14.2	0.0	1.9	2.2	2.1
Melanoma	0.0	0.0	0.0	0.0	1.5	4.8	9.7	13.1	16.9	19.9	25.6	24.7	37.5	40.2	55.2	27.3	54.2	56.8	49.0	11.0	14.9	14.0
Melanoma of Skin	0.0	0.0	0.0	0.0	1.5	4.8	9.7	13.1	16.9	19.9	24.8	23.8	33.9	35.2	55.2	24.8	51.0	47.4	49.0	10.5	14.3	13.4
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	1.7	0.0	2.5	0.0	4.7	0.0	0.2	0.3	0.2
Melanoma - other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4	3.4	0.0	0.0	3.2	4.7	0.0	0.3	0.4	0.3
Nonmelanoma Skin	0.0	0.0	0.0	0.8	6.0	14.5	26.8	56.1	96.8	154.7	227.8	258.5	385.1	472.5	603.3	831.2	944.1	1084.4	1093.8	103.6	160.2	142.6
Peripheral Nerves & Autonomic Nervous System	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.8	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.8	0.7	3.0	1.0	4.8	3.4	17.0	9.9	3.2	14.2	0.0	1.1	1.7	1.5
Breast	0.0	0.0	0.0	0.0	2.2	4.1	15.7	51.5	106.0	163.7	199.2	245.2	317.3	377.0	386.6	411.9	440.1	440.4	310.2	80.5	113.1	102.9
Female Genital Organs	0.0	0.9	0.0	1.7	3.0	15.2	20.9	38.4	50.7	48.8	62.4	110.3	138.1	157.5	140.2	148.9	146.7	127.9	89.8	34.6	46.5	44.0
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.1	3.8	1.0	1.2	6.7	6.4	14.9	9.6	14.2	8.2	1.2	1.9	1.7
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	1.0	0.0	3.4	2.1	0.0	9.6	0.0	8.2	0.3	0.6	0.5
Cervix Uteri	0.0	0.0	0.0	0.0	0.7	11.7	14.2	23.0	22.3	12.4	15.0	10.5	7.3	13.4	2.1	5.0	9.6	9.5	0.0	7.3	9.0	9.1
Endometrium	0.0	0.0	0.0	0.0	0.0	0.0	2.2	11.5	12.3	17.2	33.8	73.2	99.3	100.5	89.2	74.4	67.0	47.4	49.0	17.3	23.1	21.7
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	2.1	0.8	1.9	2.4	3.4	2.1	2.5	3.2	0.0	0.0	0.7	0.9	0.8
Ovary	0.0	0.9	0.0	1.7	1.5	3.4	4.5	2.3	10.8	11.7	8.3	20.0	25.4	28.5	36.1	47.1	44.7	47.4	16.3	7.1	10.0	9.3

**Table 3.1  
Female Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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+			
Female Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	3.4	0.0	2.9	2.4	1.7	2.1	5.0	3.2	9.5	8.2	0.7	1.0	0.9
Placenta	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	0.0	0.1	0.0	0.1
Urinary Tract	3.4	0.9	0.0	0.0	0.0	0.7	3.0	3.8	3.1	7.6	22.6	23.8	37.5	48.6	51.0	57.1	79.7	80.5	106.1	9.1	13.3	12.0
Kidney	3.4	0.9	0.0	0.0	0.0	0.7	2.2	3.8	3.1	5.5	20.3	20.9	25.4	26.8	12.7	17.4	28.7	28.4	32.7	5.8	7.5	6.9
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.0	2.4	3.4	8.5	7.4	6.4	18.9	8.2	0.7	1.2	1.0
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.2	0.0	4.2	5.0	6.4	4.7	0.0	0.3	0.5	0.4
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.4	0.8	1.9	8.5	18.4	25.5	24.8	38.3	28.4	65.3	2.3	4.1	3.6
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	2.5	0.0	0.0	0.0	0.0	0.1	0.1
Eye, Brain & Other CNS	6.8	2.8	0.9	3.3	1.5	2.1	3.0	4.6	1.5	3.4	6.0	3.8	10.9	10.1	21.2	22.3	22.3	28.4	24.5	4.6	5.6	5.2
Eye & Adnexa	3.4	0.0	0.0	0.0	0.0	0.7	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	0.5	0.3	0.3
Meninges	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
Brain	2.5	2.8	0.9	3.3	1.5	1.4	2.2	3.1	1.5	3.4	5.3	3.8	9.7	10.1	21.2	22.3	22.3	28.4	24.5	3.8	5.0	4.6
Spinal Cord, Cranial Nerves and other CNS	0.8	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
Thyroid & Other Endocrine Glands	0.0	0.0	0.0	3.3	7.5	18.6	14.9	30.0	23.8	20.6	24.1	25.7	20.6	20.1	12.7	22.3	9.6	14.2	0.0	12.0	14.4	14.4
Thyroid Gland	0.0	0.0	0.0	3.3	6.7	18.6	13.4	30.0	22.3	20.6	24.1	25.7	20.6	20.1	12.7	22.3	9.6	14.2	0.0	11.7	14.1	14.1
Adrenal Gland	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.7	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
Hematopoietic & Reticuloendothelial Systems	4.2	1.9	4.5	9.1	3.7	9.7	6.0	14.6	9.2	24.8	40.6	58.9	72.7	140.7	169.9	238.2	248.8	241.5	171.4	25.9	39.1	35.4
Non-Hodgkin lymphoma	0.0	0.9	0.9	0.8	0.0	2.8	1.5	3.1	5.4	11.7	21.1	30.4	30.3	57.0	63.7	74.4	118.0	104.2	57.1	10.0	15.4	13.8
Hodgkin lymphoma	0.0	0.0	2.7	2.5	1.5	6.2	1.5	4.6	0.0	0.7	0.8	1.0	3.6	5.0	0.0	0.0	6.4	0.0	0.0	1.9	1.9	2.1
Leukemia	4.2	0.9	0.9	5.0	2.2	0.7	2.2	2.3	2.3	7.6	9.8	12.4	17.0	38.5	55.2	79.4	38.3	42.6	89.8	7.4	10.8	9.8
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	4.5	11.4	14.5	16.8	23.4	32.3	44.7	23.7	8.2	3.0	4.9	4.3
Immunoproliferative Diseases	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	1.7	2.1	5.0	0.0	0.0	0.0	0.2	0.3	0.3
Other Hematopoietic & Reticuloendothelial	0.0	0.0	0.0	0.8	0.0	0.0	0.7	4.6	1.5	1.4	4.5	3.8	7.3	21.8	25.5	47.1	41.5	71.0	16.3	3.3	5.8	5.1
Other & Ill-Defined Sites	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.5	0.0	0.0	16.3	0.3	0.3	0.3
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.8	0.8	4.1	4.5	3.8	12.1	10.1	14.9	39.7	95.7	113.7	32.7	3.2	6.4	5.3
All Sites	17.8	8.4	8.1	22.4	28.4	83.5	109.6	227.4	338.8	525.5	740.6	958.1	1373.3	1786.0	2103.0	2677.3	2854.5	3021.3	2612.0	368.1	545.0	494.0
All Sites Excluding Nonmelanoma Skin	17.8	8.4	8.1	21.6	22.4	69.0	82.8	171.3	242.0	370.7	512.8	699.6	988.2	1313.5	1499.7	1846.1	1910.4	1936.8	1518.2	264.4	384.8	351.4

Table 3.2

## Male Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta

April 27, 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+			
<b>Head &amp; Neck</b>	0.0	0.0	0.0	0.0	0.7	1.4	3.0	5.2	9.1	13.0	26.1	50.4	54.2	66.8	77.5	65.5	91.8	68.5	21.9	12.4	17.6	16.3
Lip	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	3.4	2.3	11.4	8.7	8.6	0.0	0.4	0.8	0.7
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	4.3	8.2	7.2	6.9	4.6	0.0	0.0	8.6	0.0	1.3	1.6	1.5
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.2	1.5	2.7	2.2	2.7	6.0	5.1	18.2	11.4	21.9	8.6	0.0	1.7	2.6	2.4
Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.4	0.9	2.4	3.4	0.0	2.8	0.0	8.6	21.9	0.4	0.7	0.6
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	4.6	0.0	1.7	2.3	5.7	0.0	0.0	0.0	0.3	0.5	0.5
Palate	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	2.3	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Mouth, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.7	1.4	4.6	3.6	1.7	2.3	2.8	8.7	0.0	0.0	0.7	1.0	0.9
Parotid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.8	1.4	0.7	2.7	1.2	0.0	4.6	2.8	4.4	8.6	0.0	0.6	0.9	0.8
Major Salivary Glands, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.1	0.3	0.2
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	2.7	6.5	11.0	6.0	5.1	2.3	5.7	0.0	0.0	0.0	1.6	2.0	1.8
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.7	6.0	0.0	2.3	2.8	4.4	0.0	0.0	0.5	0.7	0.6
Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.0	0.7	2.7	2.4	3.4	2.3	0.0	0.0	0.0	0.0	0.6	0.8	0.8
Pyramidal Sinus	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	5.1	4.6	2.8	0.0	0.0	0.0	0.4	0.5	0.5
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	0.0	0.0	2.3	2.8	0.0	0.0	0.0	0.1	0.2	0.2
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	0.7	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	0.0	1.7	2.3	2.8	4.4	0.0	0.0	0.2	0.4	0.4
Accessory Sinuses	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	8.6	0.0	0.2	0.3	0.3
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	6.5	8.2	15.7	27.4	25.1	11.4	30.6	17.1	0.0	3.0	4.2	4.0
<b>Digestive Organs</b>	2.4	0.0	1.7	0.0	0.0	2.1	3.7	9.7	27.2	40.3	121.6	188.7	304.8	407.7	563.1	703.9	743.2	804.3	634.9	69.3	111.1	99.0
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.7	8.7	15.6	33.7	34.3	29.6	51.3	17.5	68.5	21.9	5.2	7.6	6.9
Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	4.1	10.1	17.4	33.7	32.5	45.6	68.4	96.2	68.5	21.9	6.4	10.4	9.3
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.3	2.0	3.6	2.7	7.2	5.1	6.8	11.4	0.0	8.6	0.0	1.3	1.8	1.7
Colon	0.0	0.0	0.9	0.0	0.0	0.7	0.7	3.7	8.3	10.2	44.9	54.1	98.8	147.3	241.7	279.3	314.8	342.3	197.0	25.0	41.7	36.8
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.1	4.3	16.5	26.5	27.4	31.9	42.7	35.0	25.7	65.7	4.6	6.9	6.3
Rectum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.3	6.1	23.9	38.5	48.2	92.5	79.8	85.5	126.8	94.1	109.5	11.7	17.8	16.2
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.7	0.8	0.0	2.9	0.9	1.2	1.7	6.8	5.7	0.0	0.0	21.9	0.7	1.0	0.9



Table 3.2

## Male Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta

April 27, 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+			
Liver & Intrahepatic Bile Ducts	2.4	0.0	0.9	0.0	0.0	0.0	0.7	1.5	1.5	4.8	14.5	23.8	24.1	20.6	34.2	37.0	17.5	42.8	21.9	5.5	7.5	6.8
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.0	3.4	4.6	5.7	8.7	17.1	21.9	0.5	1.0	0.9
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.4	4.6	4.8	12.0	4.6	19.9	13.1	0.0	43.8	1.3	2.1	1.9
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	5.5	7.2	13.7	25.3	27.4	77.5	96.9	100.6	136.9	87.6	6.9	12.5	10.8
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	1.2	3.4	0.0	0.0	13.1	0.0	21.9	0.3	0.5	0.5
Respiratory & Intrathoracic Organs	0.8	0.0	0.0	0.0	0.0	0.7	0.0	0.0	6.0	17.1	52.1	77.0	136.1	294.6	462.8	538.6	590.2	479.2	394.0	41.4	71.0	62.9
Bronchus/Lung	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	17.1	49.2	74.2	132.5	277.5	446.9	521.5	572.7	462.1	350.3	39.6	68.2	60.3
Thymus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.2	0.0	0.0	1.7	2.3	0.0	0.0	0.0	0.0	0.3	0.4	0.4
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	2.7	3.6	15.4	13.7	17.1	17.5	17.1	43.8	1.5	2.5	2.2
Bones & Connective Tissue	1.6	1.8	0.0	1.6	2.2	5.6	0.7	1.5	0.8	7.5	3.6	3.7	9.6	15.4	22.8	19.9	17.5	25.7	0.0	3.8	4.8	4.6
Bones, Joints & Articular Cartilage of Limbs	0.0	0.9	0.0	0.0	1.5	0.7	0.7	0.0	0.0	2.7	0.7	0.0	1.2	1.7	2.3	0.0	0.0	0.0	0.0	0.7	0.7	0.7
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.4	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.3	0.4	0.3
Connective, Subcutaneous & Other Soft Tissues	1.6	0.0	0.0	1.6	0.7	4.9	0.0	1.5	0.0	4.8	1.4	3.7	8.4	13.7	20.5	14.2	17.5	25.7	0.0	2.9	3.8	3.6
Melanoma	0.0	0.0	0.0	0.8	2.2	3.5	2.2	9.7	14.3	25.3	27.5	37.6	32.5	48.0	68.4	74.1	83.1	77.0	109.5	12.2	17.8	16.0
Melanoma of Skin	0.0	0.0	0.0	0.8	2.2	3.5	2.2	9.7	13.6	25.3	27.5	33.9	32.5	46.2	61.6	68.4	83.1	68.5	87.6	11.7	17.0	15.3
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.7	0.0	1.7	6.8	5.7	0.0	8.6	0.0	0.4	0.7	0.6
Melanoma - other	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	21.9	0.1	0.1	0.1
Nonmelanoma Skin	0.0	0.0	0.0	0.0	1.5	8.4	17.0	32.9	83.0	129.8	223.0	319.8	537.3	798.2	957.5	1379.4	1705.1	1848.2	1904.6	136.7	225.3	198.6
Peripheral Nerves & Autonomic Nervous System	1.6	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.7	2.2	1.8	1.2	3.4	2.3	0.0	0.0	0.0	0.0	0.5	0.6	0.6
Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	3.6	3.4	2.3	11.4	0.0	34.2	0.0	0.6	1.1	0.9
Male Genital Organs	0.8	0.0	0.0	2.4	9.0	13.3	18.5	6.7	14.3	57.4	119.4	281.3	500.0	702.3	782.0	681.1	708.3	641.7	525.4	95.2	138.7	129.3
Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.0	0.7	1.8	0.0	3.4	11.4	5.7	0.0	0.0	0.0	0.6	1.0	0.9
Prostate Gland	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	53.3	115.1	274.9	495.2	695.4	766.0	669.7	708.3	641.7	525.4	89.5	132.3	122.3
Testis	0.0	0.0	0.0	2.4	9.0	13.3	17.7	6.0	9.1	4.1	3.6	3.7	3.6	0.0	4.6	2.8	0.0	0.0	0.0	4.8	5.2	5.8

Table 3.2

## Male Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta

April 27, 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+			
Male Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.9	1.2	3.4	0.0	2.8	0.0	0.0	0.0	0.3	0.3	0.4
Urinary Tract	0.0	0.0	0.0	0.0	0.0	0.7	2.2	10.5	12.1	17.1	38.4	62.3	87.9	113.1	141.4	213.7	271.1	248.1	262.7	21.5	35.0	30.9
Kidney	0.0	0.0	0.0	0.0	0.0	0.7	2.2	8.2	9.8	13.7	26.1	44.9	48.2	56.5	61.6	65.5	78.7	68.5	65.7	11.4	16.5	15.0
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.7	0.0	1.8	3.6	1.7	0.0	8.5	8.7	8.6	21.9	0.6	1.0	0.9
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.7	0.0	1.2	1.7	2.3	8.5	4.4	0.0	0.0	0.4	0.7	0.6
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.7	11.6	14.7	32.5	53.1	77.5	125.4	179.3	171.1	175.1	8.9	16.6	14.2
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	2.4	0.0	0.0	5.7	0.0	0.0	0.0	0.2	0.3	0.3
Eye, Brain & Other CNS	10.5	3.6	1.7	4.0	3.0	4.9	3.7	4.5	2.3	8.2	12.3	11.9	12.0	18.8	22.8	34.2	39.3	51.3	21.9	7.2	8.8	8.2
Eye & Adnexa	2.4	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	0.0	4.4	0.0	0.0	0.3	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	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.1	0.1
Brain	4.0	3.6	1.7	3.2	2.2	3.5	3.7	4.5	2.3	7.5	11.6	11.9	12.0	18.8	22.8	34.2	35.0	42.8	21.9	6.1	7.9	7.3
Spinal Cord, Cranial Nerves and other CNS	4.0	0.0	0.0	0.8	0.7	1.4	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	0.8	0.6	0.6
Thyroid & Other Endocrine Glands	0.0	1.8	0.0	0.8	0.7	4.2	4.4	3.7	5.3	6.1	9.4	11.9	9.6	13.7	20.5	17.1	8.7	0.0	0.0	4.2	5.3	5.1
Thyroid Gland	0.0	0.9	0.0	0.8	0.0	4.2	4.4	3.7	5.3	6.1	8.7	11.9	9.6	13.7	20.5	17.1	4.4	0.0	0.0	4.0	5.0	4.9
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	4.4	0.0	0.0	0.1	0.1	0.1
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.7	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	0.1	0.1	0.1
Hematopoietic & Reticuloendothelial Systems	3.2	3.6	6.0	8.7	10.5	14.0	12.6	12.0	24.9	41.7	51.4	99.9	147.0	191.8	241.7	339.1	341.0	410.7	372.2	39.6	59.5	53.9
Non-Hodgkin lymphoma	0.0	0.9	0.0	1.6	2.2	2.8	5.9	5.2	12.1	22.5	16.6	35.7	68.7	80.5	91.2	131.1	91.8	111.2	153.2	15.0	22.1	20.3
Hodgkin lymphoma	0.0	0.0	1.7	3.2	6.7	5.6	3.0	3.0	1.5	4.8	5.1	3.7	4.8	5.1	2.3	2.8	0.0	8.6	0.0	3.0	3.2	3.3
Leukemia	2.4	2.7	4.3	2.4	1.5	5.6	3.7	0.7	7.5	5.5	18.8	33.9	39.8	44.5	88.9	76.9	118.0	119.8	109.5	11.7	17.4	15.7
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	4.1	5.1	15.6	18.1	25.7	25.1	62.7	52.5	77.0	0.0	4.6	7.7	6.8
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.2	1.7	2.3	8.5	13.1	0.0	21.9	0.4	0.8	0.6
Other Hematopoietic & Reticuloendothelial	0.8	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.8	4.8	5.1	11.0	14.5	34.3	31.9	57.0	65.6	94.1	87.6	4.9	8.3	7.2
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	5.1	2.7	6.0	3.4	2.3	2.8	4.4	25.7	0.0	1.0	1.5	1.3
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	1.5	0.7	5.1	6.4	15.7	24.0	27.4	62.7	83.1	77.0	109.5	4.1	7.7	6.6
All Sites	21.0	10.7	9.4	18.2	29.9	60.4	68.7	97.2	202.2	368.3	697.1	1156.2	1857.7	2704.7	3394.7	4143.9	4686.7	4791.6	4356.4	450.1	706.2	634.5
All Sites Excluding Nonmelanoma Skin	21.0	10.7	9.4	18.2	28.4	51.9	51.7	64.3	119.2	238.5	474.2	836.5	1320.4	1906.5	2437.2	2764.5	2981.7	2943.4	2451.8	313.4	480.9	435.9

Table 3.3

## Overall Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta

April 27, 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+			
<b>Head &amp; Neck</b>	0.0	0.0	0.0	0.0	1.1	1.0	1.9	4.5	5.3	8.6	16.6	32.2	35.0	47.4	57.2	49.1	49.8	42.7	41.6	8.4	12.0	11.1
Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.5	0.6	3.4	2.2	5.3	9.2	3.0	5.9	0.4	0.7	0.6
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	2.2	4.2	4.2	3.4	3.3	0.0	0.0	3.0	5.9	0.7	0.9	0.8
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.5	1.1	1.4	1.8	2.8	3.6	5.1	9.9	13.3	9.2	9.1	0.0	1.2	1.8	1.7
Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.7	0.5	1.8	1.7	2.2	1.3	1.8	3.0	23.8	0.3	0.5	0.5
Floor of mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.3	0.6	0.8	3.3	6.6	0.0	0.0	0.0	0.3	0.5	0.5
Palate	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.1	0.0	1.8	3.0	0.0	0.1	0.2	0.2
Mouth, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.3	0.7	2.8	1.8	0.8	1.1	2.7	3.7	3.0	5.9	0.4	0.6	0.5
Parotid Gland	0.0	0.0	0.0	0.0	0.4	0.3	0.4	0.8	0.4	0.7	0.4	2.3	1.8	2.5	3.3	1.3	1.8	3.0	0.0	0.5	0.7	0.7
Major Salivary Glands, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.1	0.2	0.2
Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	2.1	3.7	6.1	3.6	4.2	4.4	6.6	0.0	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	0.0	0.0	0.3	0.7	1.9	3.0	0.8	1.1	1.3	1.8	0.0	0.0	0.3	0.4	0.4
Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.4	1.1	1.9	1.2	3.4	1.1	0.0	0.0	0.0	0.0	0.5	0.6	0.6
Pyriform Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.5	0.0	3.4	2.2	1.3	0.0	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	0.4	0.5	0.0	0.0	1.1	1.3	0.0	3.0	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	0.4	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.8	2.2	1.3	1.8	3.0	0.0	0.2	0.3	0.3
Accessory Sinuses	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.8	0.0	0.3	0.0	0.0	1.8	1.7	2.2	0.0	1.8	3.0	0.0	0.3	0.4	0.4
Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.3	5.6	9.7	14.4	16.5	6.6	12.9	6.1	0.0	1.7	2.4	2.2
<b>Digestive Organs</b>	1.7	0.0	0.9	0.0	0.7	5.2	4.5	9.1	22.5	41.1	96.6	147.9	230.7	315.1	445.4	591.6	584.6	655.4	511.3	55.6	89.4	79.5
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.7	5.5	10.3	22.9	21.2	15.4	26.5	16.6	42.7	17.8	3.2	4.7	4.3
Stomach	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.1	1.5	4.8	6.6	13.5	21.7	23.7	37.4	41.1	57.2	57.9	17.8	4.6	7.3	6.5
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	1.5	2.1	3.3	4.2	5.4	4.2	6.6	13.3	0.0	6.1	5.9	1.2	1.8	1.6
Colon	0.0	0.0	0.4	0.0	0.7	1.7	1.9	3.8	6.1	13.4	34.3	45.7	82.7	115.2	189.1	261.3	263.7	283.5	184.3	21.0	35.3	31.1
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.4	5.5	14.0	18.1	21.2	26.4	33.2	27.7	21.3	23.8	3.6	5.4	4.9
Rectum	0.0	0.0	0.0	0.0	0.0	1.7	0.4	1.5	4.2	6.2	20.3	25.2	33.2	59.3	62.7	67.6	77.5	91.5	95.1	8.8	13.5	12.1

Table 3.3

## Overall Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta

April 27, 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+			
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.4	2.1	3.0	2.3	4.2	3.4	4.4	2.7	3.7	3.0	5.9	0.9	1.2	1.1
Liver & Intrahepatic Bile Ducts	1.7	0.0	0.4	0.0	0.0	0.3	0.4	0.8	1.1	3.1	7.7	15.4	13.9	19.5	28.6	26.5	18.4	21.3	23.8	3.8	5.3	4.8
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.4	0.3	1.1	0.9	3.0	2.5	7.7	8.0	11.1	6.1	17.8	0.7	1.3	1.1
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.7	2.3	4.2	9.3	5.5	13.3	7.4	9.1	23.8	1.0	1.6	1.5
Pancreas	0.0	0.0	0.0	0.0	0.0	0.3	0.4	1.1	3.0	4.1	8.5	13.5	20.5	33.9	59.4	94.2	92.2	100.6	89.2	6.4	11.4	9.9
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	0.5	0.6	1.7	2.2	4.0	9.2	12.2	5.9	0.3	0.6	0.5
Respiratory & Intrathoracic Organs	0.4	0.0	0.0	0.0	0.0	0.3	0.4	0.8	7.2	21.9	47.2	79.3	146.8	268.5	355.2	427.1	431.5	301.8	255.7	36.3	59.0	53.1
Bronchus/Lung	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	6.1	21.6	45.7	77.9	144.9	258.3	345.3	419.2	422.3	292.6	243.8	35.3	57.4	51.7
Thymus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.1	0.0	0.0	1.7	2.2	0.0	1.8	0.0	0.0	0.2	0.3	0.3
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.4	1.4	1.8	8.5	7.7	8.0	7.4	9.1	11.9	0.8	1.2	1.1
Bones & Connective Tissue	1.2	1.8	1.3	2.8	1.1	4.2	0.7	1.1	0.8	5.8	4.4	2.8	8.5	11.0	12.1	13.3	11.1	18.3	0.0	3.1	3.7	3.6
Bones, Joints & Articular Cartilage of Limbs	0.0	0.5	0.9	0.4	0.7	0.3	0.4	0.0	0.0	1.4	0.4	0.0	0.6	0.8	1.1	0.0	1.8	0.0	0.0	0.5	0.5	0.5
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.5	0.4	0.8	0.0	0.0	0.0	0.0	0.4	0.3	1.1	0.0	0.0	0.0	1.1	2.7	0.0	0.0	0.0	0.3	0.4	0.3
Connective, Subcutaneous & Other Soft Tissues	1.2	0.9	0.0	1.6	0.4	3.8	0.4	1.1	0.4	4.1	3.0	2.8	7.9	10.2	9.9	10.6	9.2	18.3	0.0	2.4	2.9	2.8
Melanoma	0.0	0.0	0.0	0.4	1.9	4.2	5.9	11.4	15.6	22.6	26.6	31.3	35.0	44.0	61.6	49.1	66.4	64.0	65.4	11.5	16.2	14.9
Melanoma of Skin	0.0	0.0	0.0	0.4	1.9	4.2	5.9	11.4	15.2	22.6	26.2	28.9	33.2	40.7	58.3	45.1	64.5	54.9	59.5	11.1	15.5	14.2
Melanoma of Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	1.4	0.6	1.7	3.3	4.0	0.0	6.1	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	0.9	1.2	1.7	0.0	0.0	1.8	3.0	5.9	0.2	0.2	0.2
Nonmelanoma Skin	0.0	0.0	0.0	0.4	3.7	11.5	21.9	44.3	89.8	142.2	225.3	289.7	461.4	633.5	774.2	1086.4	1265.1	1356.5	1314.0	118.9	188.9	167.8
Peripheral Nerves & Autonomic Nervous System	0.8	0.0	0.0	0.0	0.0	0.7	0.4	0.0	0.4	0.3	0.0	0.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.3
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.8	0.7	2.6	1.4	3.0	3.4	9.9	5.3	1.8	9.1	0.0	0.8	1.2	1.1
Breast	0.0	0.0	0.0	0.0	1.1	2.1	7.8	25.4	52.5	82.3	97.7	120.4	160.0	192.3	201.2	225.5	254.5	295.7	225.9	41.1	59.0	53.4
Female Genital Organs	0.0	0.5	0.0	0.8	1.5	7.7	10.4	18.9	25.1	24.3	30.6	54.1	68.8	79.6	72.6	79.6	84.8	82.3	65.4	17.5	23.9	22.5
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.0	1.8	0.5	0.6	3.4	3.3	8.0	5.5	9.1	5.9	0.6	1.0	0.9
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.5	0.0	1.7	1.1	0.0	5.5	0.0	5.9	0.2	0.3	0.3

**Table 3.3**  
**Overall Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta**

April 27, 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	0.4	5.9	7.0	11.4	11.0	6.2	7.4	5.1	3.6	6.8	1.1	2.7	5.5	6.1	0.0	3.7	4.5	4.6
Endometrium	0.0	0.0	0.0	0.0	0.0	0.0	1.1	5.7	6.1	8.6	16.6	35.9	49.5	50.8	46.2	39.8	38.7	30.5	35.7	8.7	11.8	11.1
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.0	0.4	0.9	1.2	1.7	1.1	1.3	1.8	0.0	0.0	0.3	0.4	0.4
Ovary	0.0	0.5	0.0	0.8	0.7	1.7	2.2	1.1	5.3	5.8	4.1	9.8	12.7	14.4	18.7	25.2	25.8	30.5	11.9	3.6	5.2	4.8
Female Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.7	0.0	1.4	1.2	0.8	1.1	2.7	1.8	6.1	5.9	0.3	0.5	0.5
Placenta	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	0.0	0.0	0.0
Male Genital Organs	0.4	0.0	0.0	1.2	4.5	6.6	9.3	3.4	7.2	28.8	60.9	143.2	250.6	347.3	377.2	317.0	298.7	228.6	142.7	46.4	65.8	62.0
Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.0	0.4	0.9	0.0	1.7	5.5	2.7	0.0	0.0	0.0	0.3	0.5	0.4
Prostate Gland	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	26.7	58.6	140.0	248.2	343.9	369.5	311.7	298.7	228.6	142.7	43.5	62.6	58.5
Testis	0.0	0.0	0.0	1.2	4.5	6.6	8.9	3.0	4.6	2.1	1.8	1.9	1.8	0.0	2.2	1.3	0.0	0.0	0.0	2.4	2.6	2.9
Male Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.5	0.6	1.7	0.0	1.3	0.0	0.0	0.0	0.1	0.2	0.2
Urinary Tract	1.7	0.5	0.0	0.0	0.0	0.7	2.6	7.2	7.6	12.3	30.6	43.4	62.8	80.5	94.6	130.0	160.4	140.2	148.6	15.0	23.3	20.8
Kidney	1.7	0.5	0.0	0.0	0.0	0.7	2.2	6.1	6.5	9.6	23.2	33.1	36.8	41.5	36.3	39.8	49.8	42.7	41.6	8.6	11.7	10.8
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.3	0.7	1.4	3.0	2.5	4.4	8.0	7.4	15.2	11.9	0.6	1.1	1.0
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.3	0.4	0.0	1.2	0.8	3.3	6.6	5.5	3.0	0.0	0.3	0.6	0.5
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.8	2.1	6.3	8.4	20.5	35.6	50.6	71.6	97.7	79.3	95.1	5.4	9.7	8.4
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	0.5	1.2	0.0	0.0	4.0	0.0	0.0	0.0	0.1	0.2	0.2
Eye, Brain & Other CNS	8.7	3.2	1.3	3.6	2.2	3.5	3.3	4.5	1.9	5.8	9.2	7.9	11.5	14.4	22.0	27.9	29.5	36.6	23.8	5.9	7.1	6.7
Eye & Adnexa	2.9	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	1.8	0.0	0.0	0.4	0.3	0.3
Meninges	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	3.0	0.0	0.0	0.1	0.1
Brain	3.3	3.2	1.3	3.2	1.9	2.4	3.0	3.8	1.9	5.5	8.5	7.9	10.9	14.4	22.0	27.9	27.7	33.5	23.8	4.9	6.4	5.9
Spinal Cord, Cranial Nerves and other CNS	2.5	0.0	0.0	0.4	0.4	0.7	0.4	0.4	0.0	0.3	0.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.4
Thyroid & Other Endocrine Glands	0.0	0.9	0.0	2.0	4.1	11.5	9.6	16.7	14.5	13.4	16.6	18.7	15.1	16.9	16.5	19.9	9.2	9.1	0.0	8.1	9.8	9.7
Thyroid Gland	0.0	0.5	0.0	2.0	3.4	11.5	8.9	16.7	13.7	13.4	16.2	18.7	15.1	16.9	16.5	19.9	7.4	9.1	0.0	7.8	9.6	9.5
Adrenal Gland	0.0	0.5	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.1	0.1	0.1

Table 3.3

## Overall Incidence Rates per 100,000 of Invasive Cancers by Site and 5-year Age Group, Diagnosed in 2009, Alberta

April 27, 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+			
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Hematopoietic & Reticuloendothelial Systems	3.7	2.7	5.3	8.9	7.1	11.8	9.3	13.3	17.1	33.2	46.1	79.8	109.9	166.0	204.5	285.2	287.7	301.8	225.9	32.5	48.6	44.1
Non-Hodgkin lymphoma	0.0	0.9	0.4	1.2	1.1	2.8	3.7	4.2	8.8	17.1	18.8	33.1	49.5	68.6	77.0	100.8	107.0	106.7	83.2	12.5	18.7	17.0
Hodgkin lymphoma	0.0	0.0	2.2	2.8	4.1	5.9	2.2	3.8	0.8	2.7	3.0	2.3	4.2	5.1	1.1	1.3	3.7	3.0	0.0	2.5	2.5	2.7
Leukemia	3.3	1.8	2.6	3.6	1.9	3.1	3.0	1.5	4.9	6.5	14.4	23.3	28.4	41.5	71.5	78.3	71.9	70.1	95.1	9.5	13.8	12.5
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.4	4.8	13.5	16.3	21.2	24.2	46.4	47.9	42.7	5.9	3.8	6.2	5.5
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.6	1.7	2.2	6.6	5.5	0.0	5.9	0.3	0.5	0.4
Other Hematopoietic & Reticuloendothelial	0.4	0.0	0.0	1.2	0.0	0.0	0.4	2.3	1.1	3.1	4.8	7.5	10.9	28.0	28.6	51.7	51.6	79.3	35.7	4.1	6.9	6.1
Other & Ill-Defined Sites	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	2.6	1.4	3.0	2.5	1.1	2.7	1.8	9.1	11.9	0.7	0.9	0.8
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.8	1.1	2.4	4.8	5.1	13.9	16.9	20.9	50.4	90.4	100.6	53.5	3.7	7.0	5.9
All Sites	19.4	9.6	8.8	20.2	29.2	72.0	89.0	161.4	269.9	446.6	718.4	1059.0	1616.2	2240.3	2726.0	3359.9	3627.3	3652.0	3085.8	405.7	615.9	557.1
All Sites Excluding Nonmelanoma Skin	19.4	9.6	8.8	19.8	25.4	60.5	67.2	117.1	180.0	304.4	493.1	769.3	1154.7	1606.7	1951.9	2273.5	2362.3	2295.5	1771.8	286.9	427.1	389.3

**Table 4.1  
Female Deaths Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+	
<b>Head &amp; Neck</b>	0	0	0	0	0	0	0	1	0	2	1	5	5	3	6	9	3	3	6	44
Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Base of Tongue	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	5
Tongue, other & unspecified	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	3	0	0	1	9
Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Palate	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Parotid Gland	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Tonsil	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	4
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	1	0	5
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Accessory Sinuses	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	1	0	0	5
Larynx	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	3
<b>Digestive Organs</b>	1	0	0	0	0	2	3	5	13	14	37	44	54	69	73	99	91	76	59	640
Esophagus	0	0	0	0	0	0	0	0	0	0	4	4	3	6	1	5	1	5	1	30
Stomach	0	0	0	0	0	0	1	1	4	0	6	3	6	5	8	7	11	10	4	66
Small Intestine	0	0	0	0	0	0	0	0	0	1	1	1	2	0	2	0	0	3	0	10
Colon	0	0	0	0	0	0	0	1	3	4	4	13	11	19	18	27	28	24	24	176
Rectosigmoid Junction	0	0	0	0	0	0	0	0	0	2	0	1	0	5	3	9	5	3	0	28
Rectum	0	0	0	0	0	1	1	0	0	1	5	5	10	3	3	10	7	8	6	60
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	1	1	0	0	3	0	0	0	0	0	5
Liver & Intrahepatic Bile Ducts	1	0	0	0	0	1	0	1	0	2	1	5	3	5	7	7	9	1	2	45
Gall bladder	0	0	0	0	0	0	0	0	1	0	1	1	0	3	2	3	5	1	3	20
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	2	0	1	0	2	4	3	3	4	1	3	23
Pancreas	0	0	0	0	0	0	1	2	3	3	13	11	17	15	24	26	20	18	16	169
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	2	0	8
<b>Respiratory &amp; Intrathoracic Organs</b>	0	0	0	0	0	0	1	0	4	26	46	54	71	107	103	110	88	46	30	686
Bronchus/Lung	0	0	0	0	0	0	1	0	4	25	46	54	71	105	103	110	88	46	30	683
Thymus	0	0	0	0	0	0	0	0	0	1	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	0	2	0	0	0	0	0	2
<b>Bones &amp; Connective Tissue</b>	0	0	1	4	0	1	2	0	0	3	2	3	2	3	1	2	0	4	1	29
Bones, Joints & Articular Cartilage of Limbs	0	0	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	6
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	2	0	0	0	0	0	0	0	1	0	1	1	0	0	2	0	7
Connective, Subcutaneous & Other Soft Tissues	0	0	0	1	0	1	1	0	0	2	1	2	2	2	0	2	0	2	0	16
<b>Melanoma</b>	0	0	0	0	0	0	1	0	3	2	2	2	6	4	1	0	1	4	1	27
Melanoma of Skin	0	0	0	0	0	0	1	0	3	2	2	2	5	3	0	0	0	4	0	22
Melanoma of Eye	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	5
<b>Nonmelanoma Skin</b>	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	5	2	10
<b>Peripheral Nerves &amp; Autonomic Nervous System</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
<b>Retroperitoneum &amp; Peritoneum</b>	0	0	0	0	0	0	0	0	0	2	2	2	8	7	7	2	1	3	0	34
<b>Breast</b>	0	0	0	0	0	1	3	9	16	38	32	39	40	39	36	48	49	35	31	416
<b>Female Genital Organs</b>	0	0	0	0	0	0	2	5	9	15	26	35	31	24	17	34	25	23	10	256
Vulva	0	0	0	0	0	0	0	1	0	0	1	2	1	1	0	0	3	4	0	13
Vagina	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	1	5
Cervix Uteri	0	0	0	0	0	0	1	2	6	4	6	3	7	2	5	4	1	2	1	44

**Table 4.1  
Female Deaths Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+
Endometrium	0	0	0	0	0	0	0	0	0	2	8	7	5	10	3	5	7	7	4	58
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	2	0	3	0	0	0	0	1	0	0	6
Ovary	0	0	0	0	0	0	1	2	3	6	11	19	15	11	8	21	13	9	3	122
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	0	1	1	8
Urinary Tract	0	1	0	0	0	0	1	0	1	4	4	3	6	5	11	11	13	14	10	84
Kidney	0	1	0	0	0	0	0	0	1	2	2	2	2	2	5	7	5	6	5	40
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	0	6
Ureter	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	4
Bladder	0	0	0	0	0	0	1	0	0	1	1	1	3	3	4	2	6	5	5	32
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
Eye, Brain & Other CNS	0	2	0	1	0	2	3	1	2	3	1	9	11	12	11	8	7	4	3	80
Eye & Adnexa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Meninges	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
Brain	0	2	0	1	0	2	2	1	2	2	1	9	11	11	11	7	6	4	3	75
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2
Thyroid & Other Endocrine Glands	1	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	1	1	1	8
Thyroid Gland	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	5
Adrenal Gland	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3
Hematopoietic & Reticuloendothelial Systems	0	1	0	2	1	2	1	0	6	12	8	10	12	34	30	45	52	37	23	276
Non-Hodgkin Lymphoma	0	0	0	1	0	1	0	0	3	5	3	2	4	10	9	21	22	18	6	105
Hodgkin Lymphoma	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	1	1	1	7
Leukemia	0	1	0	0	1	0	1	0	2	5	1	3	5	11	11	14	14	10	9	88
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	1	1	2	5	3	9	8	7	9	3	2	50
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Other Hematopoietic & Reticuloendothelial	0	0	0	1	0	0	0	0	0	0	1	0	0	3	2	3	6	4	5	25
Other & Ill-Defined Sites	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1	3	10
Unknown Primary	0	0	0	0	0	0	3	2	1	3	3	5	5	9	8	13	20	18	4	94
All Sites	3	4	1	7	1	8	20	23	55	124	165	213	253	317	305	385	353	274	184	2695



**Table 4.2  
Male Deaths Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+	
<b>Head &amp; Neck</b>	0	0	0	0	0	0	0	2	1	5	10	6	14	10	11	10	18	2	2	91
Base of Tongue	0	0	0	0	0	0	0	0	0	0	1	1	3	1	1	0	1	1	0	9
Tongue, other & unspecified	0	0	0	0	0	0	0	0	1	1	1	1	1	0	2	0	3	0	0	10
Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Floor of mouth	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	0	0	5
Palate	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	3
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
Parotid Gland	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	4
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Tonsil	0	0	0	0	0	0	0	0	0	0	2	0	1	2	1	1	0	0	0	7
Oropharynx	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	2	1	0	0	7
Nasopharynx	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	3	0	0	5
Pyriform Sinus	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	3
Hypopharynx	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	3
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	0	1	0	0	5
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	3
Larynx	0	0	0	0	0	0	0	0	0	0	1	0	5	4	2	2	6	0	0	20
<b>Digestive Organs</b>	0	0	0	0	0	0	3	5	14	26	59	81	122	109	123	144	114	62	35	897
Esophagus	0	0	0	0	0	0	0	1	1	4	8	9	18	10	11	10	10	4	1	87
Stomach	0	0	0	0	0	0	0	2	0	4	9	12	19	15	14	20	18	6	2	121
Small Intestine	0	0	0	0	0	0	0	0	0	0	2	0	0	4	1	0	0	0	0	7
Colon	0	0	0	0	0	0	2	0	3	5	14	14	28	25	34	40	35	19	13	232
Rectosigmoid Junction	0	0	0	0	0	0	0	1	0	1	1	3	5	3	8	4	6	2	1	35
Rectum	0	0	0	0	0	0	0	1	4	2	6	7	17	19	12	21	11	10	6	116
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	0	0	2	2	0	3	0	0	0	0	7
Liver & Intrahepatic Bile Ducts	0	0	0	0	0	0	1	0	1	5	8	15	11	10	8	13	5	3	2	82
Gall bladder	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	2	0	10
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	2	2	3	2	1	6	2	3	3	24
Pancreas	0	0	0	0	0	0	0	0	5	5	9	15	17	18	27	27	23	13	6	165
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	0	1	11
<b>Respiratory &amp; Intrathoracic Organs</b>	0	0	0	0	1	0	0	0	4	10	52	63	88	140	140	148	123	55	23	847
Bronchus/Lung	0	0	0	0	0	0	0	0	4	10	50	61	85	128	133	145	118	53	22	809
Thymus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Heart, Mediastinum & Pleura	0	0	0	0	1	0	0	0	0	0	2	2	3	11	6	3	5	2	1	36
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
<b>Bones &amp; Connective Tissue</b>	0	0	0	0	0	1	1	0	0	0	1	1	3	3	4	5	3	2	0	24
Bones, Joints & Articular Cartilage of Limbs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
Connective, Subcutaneous & Other Soft Tissues	0	0	0	0	0	1	1	0	0	0	1	0	2	2	3	5	3	2	0	20
<b>Melanoma</b>	0	0	0	0	1	0	0	2	3	6	6	8	6	3	4	8	5	3	2	57
Melanoma of Skin	0	0	0	0	1	0	0	2	3	6	6	7	6	3	3	7	5	3	2	54
Melanoma of Eye	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	3
<b>Nonmelanoma Skin</b>	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	1	4	2	5	18
<b>Peripheral Nerves &amp; Autonomic Nervous System</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1

**Table 4.2  
Male Deaths Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+	
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	1	7
Breast	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	3
Male Genital Organs	0	0	0	0	0	0	0	2	1	3	9	9	19	24	34	93	77	61	39	371
Penis	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	3
Prostate Gland	0	0	0	0	0	0	0	1	1	2	8	9	19	24	33	93	77	61	39	367
Testis	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Urinary Tract	0	0	0	0	0	0	1	1	4	3	12	17	25	23	25	35	37	26	7	216
Kidney	0	0	0	0	0	0	0	1	3	3	7	12	13	8	11	6	10	7	3	84
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	2	2	2	0	12
Ureter	0	0	0	0	0	0	0	0	0	0	0	1	0	3	2	3	2	0	0	11
Bladder	0	0	0	0	0	0	1	0	1	0	4	4	10	10	10	24	23	16	4	107
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
Eye, Brain & Other CNS	0	1	2	0	5	1	2	2	5	8	9	10	8	13	11	11	8	7	2	105
Meninges	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Brain	0	1	2	0	5	1	2	2	5	7	9	10	8	12	11	11	8	7	2	103
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Thyroid & Other Endocrine Glands	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	1	0	0	9
Thyroid Gland	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	0	0	8
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Hematopoietic & Reticuloendothelial Systems	3	1	2	1	1	2	3	2	6	11	13	20	33	34	53	66	45	44	11	351
Non-Hodgkin lymphoma	0	0	0	0	0	1	1	1	3	8	5	5	13	15	21	19	11	11	4	118
Hodgkin lymphoma	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	1	1	1	0	6
Leukemia	3	1	2	1	1	0	1	1	2	3	2	6	13	11	15	24	16	16	3	121
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	0	0	5	4	6	8	13	13	8	10	2	69
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	4
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	1	0	0	0	0	1	4	0	0	4	8	8	6	1	33
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	1	0	1	1	0	2	5	2	6	1	19
Unknown Primary	0	0	0	0	0	0	0	0	1	1	7	8	13	14	17	19	16	7	6	109
All Sites	3	2	4	1	8	4	10	16	40	75	181	228	335	377	428	547	454	278	134	3125

**Table 4.3  
Overall Deaths Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+	
<b>Head &amp; Neck</b>	0	0	0	0	0	0	0	3	1	7	11	11	19	13	17	19	21	5	8	135
Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Base of Tongue	0	0	0	0	0	0	0	0	0	0	1	1	5	1	1	0	3	1	1	14
Tongue, other & unspecified	0	0	0	0	0	0	0	0	1	3	1	1	3	0	3	3	3	0	1	19
Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	3
Floor of mouth	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	0	0	5
Palate	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	2	5	5
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3
Parotid Gland	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	0	1	6
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
Tonsil	0	0	0	0	0	0	0	0	0	0	2	1	1	2	2	3	0	0	0	11
Oropharynx	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	0	0	9
Nasopharynx	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2	3	1	0	10
Pyiform Sinus	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	3
Hypopharynx	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	5
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	0	1	0	0	5
Accessory Sinuses	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	1	1	0	0	8
Larynx	0	0	0	0	0	0	0	0	0	0	1	1	5	4	3	3	6	0	0	23
<b>Digestive Organs</b>	1	0	0	0	0	2	6	10	27	40	96	125	176	178	196	243	205	138	94	1537
Esophagus	0	0	0	0	0	0	0	1	1	4	12	13	21	16	12	15	11	9	2	117
Stomach	0	0	0	0	0	0	1	3	4	4	15	15	25	20	22	27	29	16	6	187
Small Intestine	0	0	0	0	0	0	0	0	0	1	3	1	2	4	3	0	0	3	0	17
Colon	0	0	0	0	0	0	2	1	6	9	18	27	39	44	52	67	63	43	37	408
Rectosigmoid Junction	0	0	0	0	0	0	0	1	0	3	1	4	5	8	11	13	11	5	1	63
Rectum	0	0	0	0	0	1	1	1	4	3	11	12	27	22	15	31	18	18	12	176
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	0	0	0	0	12
Liver & Intrahepatic Bile Ducts	1	0	0	0	0	1	1	1	1	7	9	20	14	15	15	20	14	4	4	127
Gall bladder	0	0	0	0	0	0	0	0	1	0	1	2	1	5	4	4	6	3	3	30
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	2	0	3	2	5	6	4	9	6	4	6	47
Pancreas	0	0	0	0	0	0	1	2	8	8	22	26	34	33	51	53	43	31	22	334
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	4	4	2	1	19
<b>Respiratory &amp; Intrathoracic Organs</b>	0	0	0	0	1	0	1	0	8	36	98	117	159	247	243	258	211	101	53	1533
Bronchus/Lung	0	0	0	0	0	0	1	0	8	35	96	115	156	233	236	255	206	99	52	1492
Thymus	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2
Heart, Mediastinum & Pleura	0	0	0	0	1	0	0	0	0	0	2	2	3	13	6	3	5	2	1	38
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
<b>Bones &amp; Connective Tissue</b>	0	0	1	4	0	2	3	0	0	3	3	4	5	6	5	7	3	6	1	53
Bones, Joints & Articular Cartilage of Limbs	0	0	1	1	0	0	1	0	0	1	1	0	0	0	1	0	0	0	1	7
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	2	0	0	0	0	0	0	0	2	1	2	1	0	0	2	0	10
Connective, Subcutaneous & Other Soft Tissues	0	0	0	1	0	2	2	0	0	2	2	2	4	4	3	7	3	4	0	36

**Table 4.3  
Overall Deaths Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+	
<b>Melanoma</b>	0	0	0	0	1	0	1	2	6	8	8	10	12	7	5	8	6	7	3	84
Melanoma of Skin	0	0	0	0	1	0	1	2	6	8	8	9	11	6	3	7	5	7	2	76
Melanoma of Eye	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	1	8
<b>Nonmelanoma Skin</b>	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2	1	5	7	7	28
<b>Peripheral Nerves &amp; Autonomic Nervous System</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
<b>Retroperitoneum &amp; Peritoneum</b>	0	0	0	0	0	0	0	0	1	2	3	3	9	7	8	2	2	3	1	41
<b>Breast</b>	0	0	0	0	0	1	3	9	16	39	32	39	40	39	37	48	49	36	31	419
<b>Female Genital Organs</b>	0	0	0	0	0	0	2	5	9	15	26	35	31	24	17	34	25	23	10	256
Vulva	0	0	0	0	0	0	0	1	0	0	1	2	1	1	0	0	3	4	0	13
Vagina	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	1	5
Cervix Uteri	0	0	0	0	0	0	1	2	6	4	6	3	7	2	5	4	1	2	1	44
Endometrium	0	0	0	0	0	0	0	0	0	2	8	7	5	10	3	5	7	7	4	58
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	2	0	3	0	0	0	0	1	0	0	6
Ovary	0	0	0	0	0	0	1	2	3	6	11	19	15	11	8	21	13	9	3	122
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	0	1	1	8
<b>Male Genital Organs</b>	0	0	0	0	0	0	0	2	1	3	9	9	19	24	34	93	77	61	39	371
Penis	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	3
Prostate Gland	0	0	0	0	0	0	0	1	1	2	8	9	19	24	33	93	77	61	39	367
Testis	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
<b>Urinary Tract</b>	0	1	0	0	0	0	2	1	5	7	16	20	31	28	36	46	50	40	17	300
Kidney	0	1	0	0	0	0	0	1	4	5	9	14	15	10	16	13	15	13	8	124
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	3	3	4	0	18
Ureter	0	0	0	0	0	0	0	0	0	1	0	1	1	3	2	3	3	1	0	15
Bladder	0	0	0	0	0	0	2	0	1	1	5	5	13	13	14	26	29	21	9	139
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	4
<b>Eye, Brain &amp; Other CNS</b>	0	3	2	1	5	3	5	3	7	11	10	19	19	25	22	19	15	11	5	185
Eye & Adnexa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Meninges	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	3
Brain	0	3	2	1	5	3	4	3	7	9	10	19	19	23	22	18	14	11	5	178
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	3
<b>Thyroid &amp; Other Endocrine Glands</b>	1	0	0	0	0	0	0	0	0	0	2	4	2	1	1	2	2	1	1	17
Thyroid Gland	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	1	2	1	1	13
Adrenal Gland	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
<b>Hematopoietic &amp; Reticuloendothelial Systems</b>	3	2	2	3	2	4	4	2	12	23	21	30	45	68	83	111	97	81	34	627
Non-Hodgkin lymphoma	0	0	0	1	0	2	1	1	6	13	8	7	17	25	30	40	33	29	10	223
Hodgkin lymphoma	0	0	0	0	0	1	1	0	1	1	1	0	1	1	0	1	2	2	1	13
Leukemia	3	2	2	1	2	0	2	1	4	8	3	9	18	22	26	38	30	26	12	209
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	1	1	7	9	9	17	21	20	17	13	4	119
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	5
Other Hematopoietic & Reticuloendothelial	0	0	0	1	0	1	0	0	0	0	2	4	0	3	6	11	14	10	6	58
<b>Other &amp; Ill-Defined Sites</b>	1	0	0	0	0	0	0	0	0	1	0	1	2	1	2	7	3	7	4	29
Unknown Primary	0	0	0	0	0	0	3	2	2	4	10	13	18	23	25	32	36	25	10	203
<b>All Sites</b>	6	6	5	8	9	12	30	39	95	199	346	441	588	694	733	932	807	552	318	5820

**Table 5.1  
Female Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+			
<b>Head &amp; Neck</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.4	0.8	4.8	6.1	5.0	12.7	22.3	9.6	14.2	49.0	1.4	2.4	2.1
Lip	0.0	0.0	0.0	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
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	0.0	2.4	0.0	0.0	0.0	6.4	0.0	8.2	0.1	0.3	0.2
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	2.4	0.0	2.1	7.4	0.0	0.0	8.2	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	0.0	0.0	0.0	0.0	16.3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Palate	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	0.0	0.0	0.0	0.0	0.0	8.2	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0
Parotid Gland	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	1.7	0.0	0.0	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	0.8	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	1.0	0.0	0.0	2.1	5.0	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	1.7	2.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Nasopharynx	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	0.0	2.1	5.0	0.0	4.7	0.0	0.1	0.3	0.2
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	0.0	0.0	4.7	8.2	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accessory Sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.2	1.7	2.1	0.0	3.2	0.0	0.0	0.2	0.3	0.3
Larynx	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	0.0	2.1	2.5	0.0	0.0	0.0	0.1	0.2	0.2
<b>Digestive Organs</b>	0.8	0.0	0.0	0.0	0.0	1.4	2.2	3.8	10.0	9.6	27.8	41.8	65.4	115.6	155.1	245.6	290.2	359.9	481.6	19.9	35.4	30.6
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.8	3.6	10.1	2.1	12.4	3.2	23.7	8.2	1.0	1.6	1.4
Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	3.1	0.0	4.5	2.9	7.3	8.4	17.0	17.4	35.1	47.4	32.7	2.1	3.6	3.1
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	1.0	2.4	0.0	4.2	0.0	0.0	14.2	0.0	0.3	0.5	0.4
Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.3	2.8	3.0	12.4	13.3	31.8	38.2	67.0	89.3	113.7	195.9	5.1	9.7	8.2
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.0	0.0	8.4	6.4	22.3	15.9	14.2	0.0	0.8	1.7	1.4
Rectum	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.7	3.8	4.8	12.1	5.0	6.4	24.8	22.3	37.9	49.0	1.9	3.2	2.7

**Table 5.1  
Female Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+			
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3
Liver & Intrahepatic Bile Ducts	0.8	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	1.4	0.8	4.8	3.6	8.4	14.9	17.4	28.7	4.7	16.3	1.6	2.6	2.3
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	1.0	0.0	5.0	4.2	7.4	15.9	4.7	24.5	0.6	1.1	1.0
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.8	0.0	2.4	6.7	6.4	7.4	12.8	4.7	24.5	0.8	1.3	1.2
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.3	2.1	9.8	10.5	20.6	25.1	51.0	64.5	63.8	85.2	130.6	5.4	9.4	8.1
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	1.7	4.2	5.0	3.2	9.5	0.0	0.2	0.5	0.4
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	3.1	17.9	34.6	51.3	86.0	179.3	218.8	272.9	280.7	217.8	244.9	23.5	38.6	34.5
Bronchus/Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	3.1	17.2	34.6	51.3	86.0	175.9	218.8	272.9	280.7	217.8	244.9	23.4	38.4	34.3
Thymus	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	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	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bones & Connective Tissue	0.0	0.0	0.9	3.3	0.0	0.7	1.5	0.0	0.0	2.1	1.5	2.9	2.4	5.0	2.1	5.0	0.0	18.9	8.2	1.3	1.5	1.4
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.9	0.8	0.0	0.0	0.7	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.3	0.3	0.3
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.7	2.1	0.0	0.0	9.5	0.0	0.3	0.4	0.3
Connective, Subcutaneous & Other Soft Tissues	0.0	0.0	0.0	0.8	0.0	0.7	0.7	0.0	0.0	1.4	0.8	1.9	2.4	3.4	0.0	5.0	0.0	9.5	0.0	0.6	0.8	0.8
Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.3	1.4	1.5	1.9	7.3	6.7	2.1	0.0	3.2	18.9	8.2	1.0	1.4	1.3
Melanoma of Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.3	1.4	1.5	1.9	6.1	5.0	0.0	0.0	0.0	18.9	0.0	0.9	1.1	1.1
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	0.0	1.2	1.7	2.1	0.0	3.2	0.0	8.2	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	0.8	0.0	0.0	0.0	2.1	0.0	3.2	23.7	16.3	0.2	0.5	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	2.5	0.0	0.0	0.0	0.0	0.1	0.1
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	1.9	9.7	11.7	14.9	5.0	3.2	14.2	0.0	1.4	1.9	1.8
Breast	0.0	0.0	0.0	0.0	0.0	0.7	2.2	6.9	12.3	26.1	24.1	37.1	48.4	65.3	76.5	119.1	156.3	165.7	253.0	14.0	22.6	19.7
Female Genital Organs	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.8	6.9	10.3	19.5	33.3	37.5	40.2	36.1	84.4	79.7	108.9	81.6	8.8	13.8	12.2
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.8	1.9	1.2	1.7	0.0	0.0	9.6	18.9	0.0	0.4	0.7	0.6
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0	2.4	0.0	0.0	0.0	0.0	0.0	8.2	0.2	0.2	0.2
Cervix Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	4.6	2.8	4.5	2.9	8.5	3.4	10.6	9.9	3.2	9.5	8.2	1.7	2.4	2.2
Endometrium	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	6.0	6.7	6.1	16.8	6.4	12.4	22.3	33.1	32.7	1.9	3.1	2.7

**Table 5.1  
Female Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+			
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.9	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.2	0.3	0.3
Ovary	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.3	4.1	8.3	18.1	18.2	18.4	17.0	52.1	41.5	42.6	24.5	4.2	6.6	5.9
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	0.0	1.2	0.0	2.1	9.9	0.0	4.7	8.2	0.2	0.5	0.4
Urinary Tract	0.0	0.9	0.0	0.0	0.0	0.0	0.7	0.0	0.8	2.8	3.0	2.9	7.3	8.4	23.4	27.3	41.5	66.3	81.6	2.5	4.6	3.9
Kidney	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.4	1.5	1.9	2.4	3.4	10.6	17.4	15.9	28.4	40.8	1.2	2.2	1.8
Renal Pelvis	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	2.1	2.5	3.2	9.5	0.0	0.2	0.3	0.3
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.2	0.0	0.0	0.0	3.2	4.7	0.0	0.1	0.2	0.2
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.8	1.0	3.6	5.0	8.5	5.0	19.1	23.7	40.8	0.9	1.7	1.5
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	2.1	2.5	0.0	0.0	0.0	0.1	0.1	0.1
Eye, Brain & Other CNS	0.0	1.9	0.0	0.8	0.0	1.4	2.2	0.8	1.5	2.1	0.8	8.6	13.3	20.1	23.4	19.9	22.3	18.9	24.5	3.2	4.4	4.2
Eye & Adnexa	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	0.0
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	1.7	0.0	0.0	3.2	0.0	0.0	0.1	0.1	0.1
Brain	0.0	1.9	0.0	0.8	0.0	1.4	1.5	0.8	1.5	1.4	0.8	8.6	13.3	18.4	23.4	17.4	19.1	18.9	24.5	3.0	4.2	4.0
Spinal Cord, Cranial Nerves and other CNS	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	2.5	0.0	0.0	0.0	0.1	0.1	0.1
Thyroid & Other Endocrine Glands	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.2	0.0	0.0	2.5	3.2	4.7	8.2	0.3	0.4	0.4
Thyroid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.0	0.0	0.0	3.2	4.7	8.2	0.1	0.2	0.2
Adrenal Gland	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.2	0.2	0.2
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	0.0	0.9	0.0	1.7	0.7	1.4	0.7	0.0	4.6	8.3	6.0	9.5	14.5	57.0	63.7	111.7	165.8	175.2	187.7	8.3	15.5	13.2
Non-Hodgkin lymphoma	0.0	0.0	0.0	0.8	0.0	0.7	0.0	0.0	2.3	3.4	2.3	1.9	4.8	16.8	19.1	52.1	70.2	85.2	49.0	3.0	5.9	5.0
Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.8	0.0	0.0	1.7	0.0	0.0	3.2	4.7	8.2	0.2	0.3	0.3
Leukemia	0.0	0.9	0.0	0.0	0.7	0.0	0.7	0.0	1.5	3.4	0.8	2.9	6.1	18.4	23.4	34.7	44.7	47.4	73.5	2.8	5.0	4.3
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	1.5	4.8	3.6	15.1	17.0	17.4	28.7	14.2	16.3	1.7	2.8	2.5
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	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	5.0	4.2	7.4	19.1	18.9	40.8	0.7	1.4	1.1
Other & Ill-Defined Sites	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.7	0.0	5.0	3.2	4.7	24.5	0.3	0.5	0.5
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.5	0.8	2.1	2.3	4.8	6.1	15.1	17.0	32.3	63.8	85.2	32.7	2.7	5.2	4.4
All Sites	2.5	3.8	0.9	5.8	0.7	5.5	14.9	17.7	42.3	85.3	124.1	202.5	306.4	531.1	647.9	955.3	1125.9	1297.5	1501.9	88.9	148.9	130.6

**Table 5.2  
Male Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+			
<b>Head &amp; Neck</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.8	3.4	7.2	5.5	16.9	17.1	25.1	28.5	78.7	17.1	43.8	3.4	5.7	5.0
Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	3.6	1.7	2.3	0.0	4.4	8.6	0.0	0.4	0.5	0.5
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.7	0.9	1.2	0.0	4.6	0.0	13.1	0.0	0.0	0.4	0.6	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	0.0	0.0	4.4	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	0.7	0.0	1.2	0.0	2.3	5.7	0.0	0.0	0.0	0.2	0.3	0.3
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	0.0	0.0	0.0	0.0	8.6	21.9	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	0.0	0.0	0.0	0.0	0.0	2.8	4.4	0.0	0.0	0.1	0.2	0.1
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	1.2	1.7	0.0	0.0	4.4	0.0	21.9	0.2	0.3	0.2
Major Salivary Glands, 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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	1.4	0.0	1.2	3.4	2.3	2.8	0.0	0.0	0.0	0.3	0.4	0.4
Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.2	0.0	2.3	5.7	4.4	0.0	0.0	0.2	0.4	0.4
Nasopharynx	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	2.3	0.0	13.1	0.0	0.0	0.2	0.4	0.3
Pyramidal Sinus	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	1.7	0.0	2.8	0.0	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	0.7	0.0	0.0	1.7	2.3	0.0	0.0	0.0	0.0	0.1	0.2	0.2
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	0.7	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Nasal Cavity & Middle Ear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.2	0.3	0.3
Accessory Sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.3	2.8	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	0.7	0.0	6.0	6.9	4.6	5.7	26.2	0.0	0.0	0.8	1.3	1.2
<b>Digestive Organs</b>	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.7	10.6	17.8	42.7	74.2	147.0	186.7	280.4	410.4	498.4	530.5	766.2	33.8	59.1	51.4
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	2.7	5.8	8.2	21.7	17.1	25.1	28.5	43.7	34.2	21.9	3.4	5.3	4.8
Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.7	6.5	11.0	22.9	25.7	31.9	57.0	78.7	51.3	43.8	4.6	7.7	6.8
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	6.9	2.3	0.0	0.0	0.0	0.0	0.3	0.4	0.4
Colon	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.3	3.4	10.1	12.8	33.7	42.8	77.5	114.0	153.0	162.6	284.6	8.5	15.9	13.6
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.7	2.7	6.0	5.1	18.2	11.4	26.2	17.1	21.9	1.3	2.3	2.1
Rectum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.0	1.4	4.3	6.4	20.5	32.5	27.4	59.8	48.1	85.6	131.3	4.5	7.8	6.8
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.4	0.0	6.8	0.0	0.0	0.0	0.0	0.3	0.4	0.4



**Table 5.2  
Male Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+			
Liver & Intrahepatic Bile Ducts	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	3.4	5.8	13.7	13.3	17.1	18.2	37.0	21.9	25.7	43.8	3.2	4.9	4.4
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.2	3.4	4.6	2.8	4.4	17.1	0.0	0.4	0.7	0.6
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.8	3.6	3.4	2.3	17.1	8.7	25.7	65.7	0.8	1.7	1.4
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.4	6.5	13.7	20.5	30.8	61.6	76.9	100.6	111.2	131.3	6.1	11.1	9.6
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	1.2	1.7	4.6	5.7	13.1	0.0	21.9	0.4	0.8	0.7
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	3.0	6.8	37.6	57.7	106.0	239.8	319.2	421.8	537.8	470.6	503.5	32.0	56.8	49.8
Bronchus/Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.8	36.2	55.9	102.4	219.3	303.2	413.2	515.9	453.5	481.6	30.4	54.4	47.5
Thymus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.4	1.8	3.6	18.8	13.7	8.5	21.9	17.1	21.9	1.5	2.4	2.2
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	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Bones & Connective Tissue	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.7	0.9	3.6	5.1	9.1	14.2	13.1	17.1	0.0	0.9	1.6	1.4
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1
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	0.0	0.9	1.2	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
Connective, Subcutaneous & Other Soft Tissues	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.7	0.0	2.4	3.4	6.8	14.2	13.1	17.1	0.0	0.7	1.4	1.2
Melanoma	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.5	2.3	4.1	4.3	7.3	7.2	5.1	9.1	22.8	21.9	25.7	43.8	2.2	3.5	3.0
Melanoma of Skin	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.5	2.3	4.1	4.3	6.4	7.2	5.1	6.8	19.9	21.9	25.7	43.8	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	0.0	0.0	2.3	2.8	0.0	0.0	0.0	0.1	0.2	0.2
Nonmelanoma Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.2	5.1	2.3	2.8	17.5	17.1	109.5	0.6	1.4	1.1
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	2.8	0.0	0.0	0.0	0.0	0.1	0.1
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.7	0.9	1.2	0.0	2.3	0.0	4.4	0.0	21.9	0.3	0.4	0.4
Breast	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	2.3	0.0	0.0	8.6	0.0	0.1	0.2	0.2
Male Genital Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.8	2.0	6.5	8.2	22.9	41.1	77.5	265.0	336.6	521.9	853.8	12.0	28.6	22.6
Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.1	0.2	0.2
Prostate Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	1.4	5.8	8.2	22.9	41.1	75.2	265.0	336.6	521.9	853.8	11.9	28.4	22.4
Testis	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	0.0
Urinary Tract	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	3.0	2.0	8.7	15.6	30.1	39.4	57.0	99.7	161.8	222.5	153.2	7.8	14.9	12.6

**Table 5.2  
Male Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+
Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.3	2.0	5.1	11.0	15.7	13.7	25.1	17.1	43.7	59.9	65.7	3.2	5.3	4.6
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	2.4	3.4	2.3	5.7	8.7	17.1	0.0	0.4	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	0.9	0.0	5.1	4.6	8.5	8.7	0.0	0.0	0.4	0.8	0.7
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	2.9	3.7	12.0	17.1	22.8	68.4	100.6	136.9	87.6	3.6	7.8	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	0.0	0.0	0.0	2.3	0.0	0.0	8.6	0.0	0.1	0.2	0.1
Eye, Brain & Other CNS	0.0	0.9	1.7	0.0	3.7	0.7	1.5	1.5	3.8	5.5	6.5	9.2	9.6	22.3	25.1	31.3	35.0	59.9	43.8	4.3	6.5	5.9
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	0.0	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	0.0
Brain	0.0	0.9	1.7	0.0	3.7	0.7	1.5	1.5	3.8	4.8	6.5	9.2	9.6	20.6	25.1	31.3	35.0	59.9	43.8	4.3	6.4	5.7
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	1.7	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.8	1.2	1.7	2.3	2.8	4.4	0.0	0.0	0.3	0.5	0.5
Thyroid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.9	1.2	1.7	2.3	2.8	4.4	0.0	0.0	0.3	0.5	0.4
Adrenal 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hematopoietic & Reticuloendothelial Systems	2.4	0.9	1.7	0.8	0.7	1.4	2.2	1.5	4.5	7.5	9.4	18.3	39.8	58.2	120.8	188.1	196.7	376.5	240.8	13.2	24.4	20.8
Non-Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	2.3	5.5	3.6	4.6	15.7	25.7	47.9	54.1	48.1	94.1	87.6	4.6	7.9	6.9
Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	0.0	0.0	1.2	0.0	0.0	2.8	4.4	8.6	0.0	0.2	0.4	0.4
Leukemia	2.4	0.9	1.7	0.8	0.7	0.0	0.7	0.7	1.5	2.0	1.4	5.5	15.7	18.8	34.2	68.4	70.0	136.9	65.7	4.8	8.5	7.2
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.7	7.2	13.7	29.6	37.0	35.0	85.6	43.8	2.5	4.9	4.1
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	2.8	4.4	0.0	21.9	0.1	0.3	0.2
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	3.7	0.0	0.0	9.1	22.8	35.0	51.3	21.9	1.0	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	0.7	0.0	0.9	1.2	0.0	4.6	14.2	8.7	51.3	21.9	0.6	1.5	1.1
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	5.1	7.3	15.7	24.0	38.8	54.1	70.0	59.9	131.3	4.0	7.4	6.4
All Sites	2.4	1.8	3.4	0.8	6.0	2.8	7.4	12.0	30.2	51.2	131.0	208.9	403.6	645.8	975.8	1558.9	1984.9	2378.7	2933.5	115.7	212.8	182.1

**Table 5.3  
Overall Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+			
<b>Head &amp; Neck</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	2.4	4.1	5.1	11.5	11.0	18.7	25.2	38.7	15.2	47.6	2.4	4.0	3.5
Lip	0.0	0.0	0.0	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
Base of Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	3.0	0.8	1.1	0.0	5.5	3.0	5.9	0.3	0.4	0.3
Tongue, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.4	0.5	1.8	0.0	3.3	4.0	5.5	0.0	5.9	0.3	0.6	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	0.0	0.0	1.8	0.0	11.9	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	0.4	0.0	0.6	0.0	1.1	2.7	0.0	0.0	0.0	0.1	0.2	0.1
Palate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	3.0	11.9	0.1	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	0.0	0.0	0.0	0.0	0.0	1.3	1.8	3.0	0.0	0.0	0.1	0.1
Parotid Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.7	0.0	0.0	1.8	0.0	5.9	0.1	0.2	0.2
Major Salivary Glands, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	0.7	0.5	0.6	1.7	2.2	4.0	0.0	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	0.4	0.5	0.6	0.8	2.2	2.7	1.8	0.0	0.0	0.2	0.3	0.2
Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.0	0.0	2.2	2.7	5.5	3.0	0.0	0.1	0.3	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	0.5	0.0	0.8	0.0	1.3	0.0	0.0	0.0	0.1	0.1	0.1
Hypopharynx	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	1.1	0.0	0.0	3.0	5.9	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	0.4	0.0	0.6	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	0.0	0.8	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	1.8	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	0.4	0.0	0.0	0.0	0.5	0.6	0.8	2.2	1.3	1.8	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	0.4	0.5	3.0	3.4	3.3	4.0	11.1	0.0	0.0	0.4	0.7	0.6
<b>Digestive Organs</b>	0.4	0.0	0.0	0.0	0.0	0.7	2.2	3.8	10.3	13.7	35.4	58.3	106.3	150.8	215.5	322.3	378.0	420.7	558.9	26.5	46.2	40.2
Esophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.4	4.4	6.1	12.7	13.6	13.2	19.9	20.3	27.4	11.9	2.2	3.4	3.0
Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	1.5	1.4	5.5	7.0	15.1	16.9	24.2	35.8	53.5	48.8	35.7	3.3	5.6	4.9
Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.5	1.2	3.4	3.3	0.0	0.0	9.1	0.0	0.3	0.5	0.4
Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.4	2.3	3.1	6.6	12.6	23.6	37.3	57.2	88.9	116.2	131.1	220.0	6.7	12.5	10.7
Rectosigmoid Junction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.0	0.4	1.9	3.0	6.8	12.1	17.2	20.3	15.2	5.9	1.1	2.0	1.7

**Table 5.3  
Overall Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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	0.4	0.4	1.5	1.0	4.1	5.6	16.3	18.6	16.5	41.1	33.2	54.9	71.3	3.1	5.2	4.6
Anus & Anal Canal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.9	1.2	2.5	3.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3
Liver & Intrahepatic Bile Ducts	0.4	0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.4	2.4	3.3	9.3	8.5	12.7	16.5	26.5	25.8	12.2	23.8	2.4	3.7	3.3
Gall bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.9	0.6	4.2	4.4	5.3	11.1	9.1	17.8	0.5	0.9	0.8
Biliary Tract, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.1	0.9	3.0	5.1	4.4	11.9	11.1	12.2	35.7	0.8	1.4	1.2
Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	3.0	2.7	8.1	12.1	20.5	28.0	56.1	70.3	79.3	94.5	130.8	5.7	10.1	8.8
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	0.5	0.6	1.7	4.4	5.3	7.4	6.1	5.9	0.3	0.6	0.5
Respiratory & Intrathoracic Organs	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	3.0	12.3	36.1	54.6	96.0	209.2	267.2	342.2	389.1	307.9	315.1	27.3	46.5	41.3
Bronchus/Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	3.0	12.0	35.4	53.7	94.2	197.3	259.5	338.2	379.9	301.8	309.2	26.5	45.3	40.1
Thymus	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	1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Heart, Mediastinum & Pleura	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.8	11.0	6.6	4.0	9.2	6.1	5.9	0.8	1.1	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	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bones & Connective Tissue	0.0	0.0	0.4	1.6	0.0	0.7	1.1	0.0	0.0	1.0	1.1	1.9	3.0	5.1	5.5	9.3	5.5	18.3	5.9	1.1	1.5	1.4
Bones, Joints & Articular Cartilage of Limbs	0.0	0.0	0.4	0.4	0.0	0.0	0.4	0.0	0.0	0.3	0.4	0.0	0.0	0.0	1.1	0.0	0.0	0.0	5.9	0.2	0.2	0.2
Bones, Joints & Articular Cartilage of Other Sites	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.6	1.7	1.1	0.0	0.0	6.1	0.0	0.2	0.3	0.3
Connective, Subcutaneous & Other Soft Tissues	0.0	0.0	0.0	0.4	0.0	0.7	0.7	0.0	0.0	0.7	0.7	0.9	2.4	3.4	3.3	9.3	5.5	12.2	0.0	0.7	1.1	1.0
Melanoma	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.8	2.3	2.7	3.0	4.7	7.2	5.9	5.5	10.6	11.1	21.3	17.8	1.6	2.4	2.1
Melanoma of Skin	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.8	2.3	2.7	3.0	4.2	6.6	5.1	3.3	9.3	9.2	21.3	11.9	1.4	2.1	1.9
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	0.5	0.6	0.8	2.2	1.3	1.8	0.0	5.9	0.1	0.2	0.2
Nonmelanoma Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.6	2.5	2.2	1.3	9.2	21.3	41.6	0.4	0.9	0.7
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	2.7	0.0	0.0	0.0	0.0	0.1	0.1
Retroperitoneum & Peritoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1	1.4	5.4	5.9	8.8	2.7	3.7	9.1	5.9	0.8	1.2	1.1
Breast	0.0	0.0	0.0	0.0	0.0	0.3	1.1	3.4	6.1	13.4	11.8	18.2	24.2	33.0	40.7	63.7	90.4	109.7	184.3	7.3	12.2	10.6
Female Genital Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	3.4	5.1	9.6	16.3	18.7	20.3	18.7	45.1	46.1	70.1	59.5	4.6	7.3	6.4
Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.9	0.6	0.8	0.0	0.0	5.5	12.2	0.0	0.2	0.4	0.3

**Table 5.3  
Overall Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+			
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	5.9	0.1	0.1	0.1
Cervix Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	2.3	1.4	2.2	1.4	4.2	1.7	5.5	5.3	1.8	6.1	5.9	0.9	1.2	1.1
Endometrium	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.0	3.3	3.0	8.5	3.3	6.6	12.9	21.3	23.8	1.0	1.7	1.4
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.4	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.1	0.2	0.1
Ovary	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.1	2.1	4.1	8.9	9.1	9.3	8.8	27.9	24.0	27.4	17.8	2.2	3.5	3.1
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	0.0	0.6	0.0	1.1	5.3	0.0	3.0	5.9	0.1	0.3	0.2
Male Genital Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.4	1.0	3.3	4.2	11.5	20.3	37.4	123.4	142.0	186.0	231.9	5.2	11.9	9.6
Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Prostate Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.7	3.0	4.2	11.5	20.3	36.3	123.4	142.0	186.0	231.9	5.1	11.8	9.5
Testis	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Urinary Tract	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.4	1.9	2.4	5.9	9.3	18.7	23.7	39.6	61.0	92.2	121.9	101.1	4.9	9.1	7.8
Kidney	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.4	1.5	1.7	3.3	6.5	9.1	8.5	17.6	17.2	27.7	39.6	47.6	2.2	3.7	3.1
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	1.2	1.7	2.2	4.0	5.5	12.2	0.0	0.3	0.6	0.5
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.6	2.5	2.2	4.0	5.5	3.0	0.0	0.3	0.5	0.4
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.4	0.3	1.8	2.3	7.9	11.0	15.4	34.5	53.5	64.0	53.5	2.1	4.3	3.6
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	2.2	1.3	0.0	3.0	0.0	0.1	0.1	0.1
Eye, Brain & Other CNS	0.0	1.4	0.9	0.4	1.9	1.0	1.9	1.1	2.7	3.8	3.7	8.9	11.5	21.2	24.2	25.2	27.7	33.5	29.7	3.7	5.4	5.0
Eye & Adnexa	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Meninges	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	0.8	0.0	0.0	1.8	0.0	0.0	0.1	0.1	0.1
Brain	0.0	1.4	0.9	0.4	1.9	1.0	1.5	1.1	2.7	3.1	3.7	8.9	11.5	19.5	24.2	23.9	25.8	33.5	29.7	3.6	5.2	4.8
Spinal Cord, Cranial Nerves and other CNS	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	0.8	0.0	1.3	0.0	0.0	0.0	0.1	0.1	0.1
Thyroid & Other Endocrine Glands	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	1.2	0.8	1.1	2.7	3.7	3.0	5.9	0.3	0.5	0.4
Thyroid 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	1.2	0.8	1.1	1.3	3.7	3.0	5.9	0.2	0.4	0.3
Adrenal Gland	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.3	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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hematopoietic & Reticuloendothelial Systems	1.2	0.9	0.9	1.2	0.7	1.4	1.5	0.8	4.6	7.9	7.7	14.0	27.2	57.6	91.3	147.2	178.9	246.9	202.2	10.6	19.4	16.6
Non-Hodgkin Lymphoma	0.0	0.0	0.0	0.4	0.0	0.7	0.4	0.4	2.3	4.5	3.0	3.3	10.3	21.2	33.0	53.1	60.9	88.4	59.5	3.8	6.9	5.9

**Table 5.3  
Overall Mortality Rates per 100,000 Due to Cancer by Site and 5-year Age Group, Died in 2009, Alberta**

April 27, 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+			
Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.4	0.3	0.4	0.0	0.6	0.8	0.0	1.3	3.7	6.1	5.9	0.2	0.4	0.3
Leukemia	1.2	0.9	0.9	0.4	0.7	0.0	0.7	0.4	1.5	2.7	1.1	4.2	10.9	18.6	28.6	50.4	55.3	79.3	71.3	3.7	6.5	5.6
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	2.6	4.2	5.4	14.4	23.1	26.5	31.3	39.6	23.8	2.0	3.7	3.2
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.3	1.8	3.0	5.9	0.1	0.2	0.1
Other Hematopoietic & Reticuloendothelial	0.0	0.0	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.7	1.9	0.0	2.5	6.6	14.6	25.8	30.5	35.7	0.8	1.8	1.5
Other & Ill-Defined Sites	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	1.2	0.8	2.2	9.3	5.5	21.3	23.8	0.4	0.9	0.7
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.8	0.8	1.4	3.7	6.1	10.9	19.5	27.5	42.4	66.4	76.2	59.5	3.3	6.2	5.3
All Sites	2.5	2.7	2.2	3.2	3.4	4.2	11.1	14.8	36.2	68.2	127.6	205.7	355.1	587.8	806.0	1236.2	1488.2	1682.7	1890.7	100.6	175.7	152.7

**Table 6.1**  
**Female New In Situ Cancers for Most Frequent Sites by 5-year Age Groups, Diagnosed in 2009, Alberta**  
 April 27, 2012

	Age at Diagnosis																Total
	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+	
Digestive Organs	0	0	0	1	0	0	6	10	10	8	7	8	9	5	4	1	69
Melanoma	0	3	3	10	14	8	17	17	23	18	15	11	18	10	8	4	179
Nonmelanoma Skin	0	1	0	1	4	7	25	26	35	49	49	46	70	77	63	42	495
Breast	0	0	0	1	9	31	35	43	42	40	31	27	18	12	4	2	295
Female Genital Organs *	148	826	813	484	282	204	150	65	46	21	22	8	9	3	1	0	3082
Urinary Tract	0	1	0	0	0	1	6	10	15	11	22	17	14	9	5	2	113
All Other Sites	0	0	0	0	1	0	0	1	1	0	1	0	1	0	0	0	5
All Sites	148	831	816	497	310	251	239	172	172	147	147	117	139	116	85	51	4238

\* 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 2009, Alberta**  
 April 27, 2012

	Age at Diagnosis															Total
	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	1	0	2	1	4	2	2	0	1	0	14
Digestive Organs	1	1	0	0	1	2	13	14	7	13	14	12	6	3	3	90
Melanoma	1	0	0	2	6	9	18	22	21	25	25	16	14	8	2	169
Nonmelanoma Skin	0	0	1	3	7	13	27	42	58	64	83	92	65	40	15	510
Male Genital Organs	1	2	1	0	5	14	24	40	42	33	25	3	5	0	0	195
Urinary Tract	0	0	1	5	2	8	28	21	36	45	40	46	25	11	3	271
All Other Sites	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	4
All Sites	3	3	3	10	22	47	110	141	166	185	189	171	116	64	23	1253

# 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 2009-Alberta Health			Standard			
Age Group	Females	Males	Age Group	World	US 2000	1991 Canada
0-4	118165	123752	0-4	12.0%	6.9%	6.9%
5-9	106613	111788	5-9	10.0%	7.3%	6.9%
10-14	110555	117288	10-14	9.0%	7.3%	6.8%
15-19	120554	126528	15-19	9.0%	7.2%	6.8%
20-24	133901	133568	20-24	8.0%	6.6%	7.5%
25-29	144960	142494	25-29	8.0%	6.5%	9.0%
30-34	134133	135387	30-34	6.0%	7.1%	9.2%
35-39	130164	133757	35-39	6.0%	8.1%	8.3%
40-44	130163	132568	40-44	6.0%	8.2%	7.6%
45-49	145397	146357	45-49	6.0%	7.2%	6.0%
50-54	133004	138140	50-54	5.0%	6.3%	4.8%
55-59	105206	109146	55-59	4.0%	4.8%	4.4%
60-64	82574	83004	60-64	4.0%	3.9%	4.2%
65-69	59687	58380	65-69	3.0%	3.4%	3.9%
70-74	47076	43862	70-74	2.0%	3.2%	3.0%
75-79	40302	35088	75-79	1.0%	2.7%	2.2%
80-84	31354	22873	80-84	0.5%	1.8%	1.4%
85-89	21117	11687	85+	0.5%	1.6%	1.0%
90+	12251	4568				

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

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**Alberta Health  
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