

Cancer in Manitoba 2008 Annual Statistical Report



EPIDEMIOLOGY AND CANCER REGISTRY

CANCER IN MANITOBA



Annual Statistical Report 2008

EPIDEMIOLOGY AND CANCER REGISTRY

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Published March 2011

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2008 ANNUAL STATISTICAL REPORT

MANITOBA CANCER REGISTRY

Introduction

To reduce the burden of cancer in Manitoba, it is essential that we study the patterns of this disease in our province and work to understand the reasons behind the trends.

CancerCare Manitoba is legally mandated under the Public Health Act of Manitoba to collect, classify and maintain accurate comprehensive information on all cancer cases for the province of Manitoba. A population-based central cancer registry since 1956, the Manitoba Cancer Registry is recognized as a leader in North America and was the first province capturing stage data on all cancer sites.

Housed in CancerCare Manitoba's Department of Epidemiology and Cancer Registry, the Registry is an essential tool for evidence-based, data-driven decision-making. CancerCare Manitoba and the CancerCare Manitoba Foundation are committed to maintaining and constantly improving the Registry's database with current up-to-date standards and coding classification systems.

Much of what we know about cancer today comes from cancer registry data. This vital information is used in research, treatment, health care planning and delivery and prevention initiatives to the benefit of all Manitobans. The Registry would like to acknowledge all those who support our work by submitting cancer data including:

- Manitoba hospitals and clinics
- Physicians
- Diagnostic Services of Manitoba and all private labs,
- Manitoba Healthy Living, Youth and Seniors (Manitoba Health)
- Manitoba Vital Statistics Agency

Our dedicated team of highly skilled experts who must continually upgrade their education, transform this raw data into useful information that provides a picture of the state of cancer across the province which ultimately drives the development of programs to prevent cancer, detect it earlier or improve how we treat the disease.

Gail Noonan
Manager, Manitoba Cancer Registry
CancerCare Manitoba

What is the burden of cancer in Manitoba?

Cancer is a significant health issue. In 2008, 9040 Manitobans were diagnosed with cancer: 5880 invasive cancers, as well as 2791 *in situ* and 369 other (unspecified) cancers; 2719 people died from the disease in Manitoba.

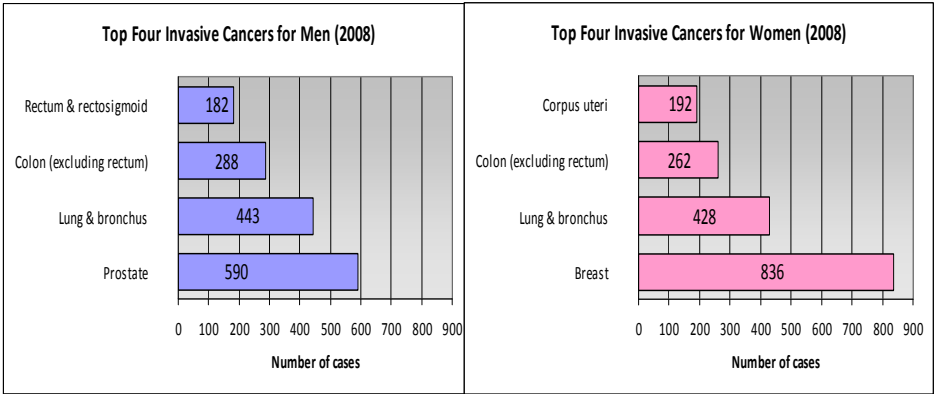
The number of cancer cases in Manitoba is influenced by three factors:

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

Incidence (the number of new cancer diagnoses) and mortality (deaths due to cancer) are often used to understand how cancer affects a population. In Manitoba, incidence and mortality rates are not increasing over time, but they are not decreasing either.

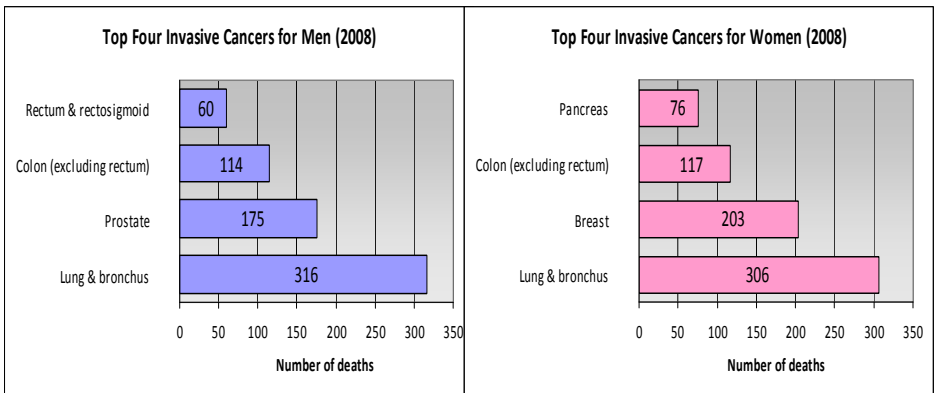
Incidence

Cancer incidence varies across the province for all types of cancer combined, as well as specific cancer types. Despite being highly preventable, lung cancer contributes significantly to cancer statistics in Manitoba. The other most common types of cancer include colorectal breast cancer, and prostate cancer.



Mortality

Mortality is an important indicator of success in reducing the impact of cancer and since 1988, the four most common types of cancer (lung, colorectal, breast and prostate) have declined overall in Manitoba.



Additional statistical information is available upon request. Please contact the Manitoba Cancer Registry by calling (204) 787-2174 or email epi.cancerregistry@cancercare.mb.ca.

Manitoba Cancer Registry data are used for:

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

Data requests

The Registry respects and protects a patient's right to privacy and ensures the appropriate use of confidential health information. Requests for information for study and research purposes are processed through the Research Resource Impact Committee (RRIC) and relevant ethics boards for approval.

To assist physicians, pathologists and other health care providers directly involved in the care of the patient, disease-related data for diagnostic clarification, treatment planning and previous cancer history can be provided by our certified cancer registrars.

The Provincial Personal Health Information Act and the Federal Personal Information Protection and Electronic Documents Act are complied with at all times.

In 2008, Cancer Registry staff participated in and/or researched the following:

- 12 new grant funded studies
- 26 on-going grant funded studies
- 11 detailed statistical requests (phone calls, fax requests)
- 71 requests for information from the cancer registry (for administration/research)
- 20 projects involving analysis of staged data
- 14 mail outs for educational events
- 3 patient questionnaires/surveys

- 3154 provisions of disease-related data for diagnostic clarification and treatment planning including estrogen and progesterone report assay results*
- 13 inter-provincial exchanges of information
- 1 quality assurance review and edit
- 36 NAACCR edits
- 6 Cancer Registry monthly edits
- 1 visual audit containing 55 edits each

*The Manitoba Cancer Registry continues to be the estrogen/progesterone report assay registry for Manitoba.

Information sources include:

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

Reading the Annual Statistical Report/What’s included

Incidence data

Cancer cases diagnosed in the 2008 calendar year. Incidence is also provided by age group and stage of disease at diagnosis.

Mortality data

Manitobans who died of cancer in the 2008 calendar year, but not necessarily diagnosed in that year. This information has been provided by the provincial department of Vital Statistics. The totals in the summary on page 10 include all cancer deaths occurring in Manitoba.

Staging data

The Manitoba Cancer Registry implemented the Collaborative Stage Data Collection System for all cases of cancer (excluding non-melanoma skin cancers) diagnosed January 1, 2004 and forward. These data are used to derive the "best stage" group consistent with staging norms in the AJCC Cancer Staging Manual, 6th edition.

In this report, stage data are captured on all disease site groups with an incidence of 45 cases per year or more and are represented using pie charts. Additionally, stage information, along with frequency of incidence for each of these sites, can be found in table format in Appendix 3.

Population data

Data are based on the Manitoba Healthy Living, Youth and Seniors population estimates for Manitoba.

Rates

Rates are calculated by dividing the number of cases (incidence and mortality) identified by the number of individuals in that specific category (age/sex/region) multiplied by 100,000. Rates are not age-adjusted in this report.

Cancer incidence and mortality

Tables of incidence and mortality are categorized in this report according to the International Classification of Diseases for Oncology Third edition (ICD-O-3rd ed.).

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

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INCIDENCE BY SITE, 2008

Site	Male	Female	Total
Lip	37	11	48
Tongue	18	7	25
Major salivary gland	3	7	10
Floor of mouth	8	4	12
Gum and other mouth	13	12	25
Nasopharynx	4	4	8
Oropharynx	4	0	4
Hypopharynx	11	1	12
Other buccal cavity and pharynx	13	2	15
Esophagus	36	14	50
Stomach	88	32	120
Small intestine	15	20	35
Colon (excluding rectum)	288	262	550
Rectum and rectosigmoid	182	123	305
Anus	6	8	14
Liver	35	18	53
Gallbladder	5	11	16
Pancreas	60	89	149
Other digestive system	33	22	55
Larynx	27	5	32
Lung and bronchus	443	428	871
Other respiratory system	7	5	12
Bones and joints	6	4	10
Soft tissue (including heart)	14	11	25
Mesothelioma	11	6	17
Kaposi's sarcoma	2	2	4
Melanomas of the skin	86	89	175
Breast (invasive)	7	836	843
Cervix uteri (invasive)	0	50	50
Corpus uteri	0	192	192
Uterus, NOS	0	7	7
Ovary	0	87	87
Other female genital system	0	32	32
Prostate (invasive)	590	0	590
Testis	37	0	37
Penis	13	0	13

Site	Male	Female	Total
Other male genital system	2	0	2
Bladder (invasive)	108	21	129
Kidney	125	75	200
Ureter	3	5	8
Other urinary system	3	1	4
Eye	2	6	8
Brain (invasive)	41	32	73
Other nervous system (excluding brain)	0	1	1
Thyroid	32	106	138
Other endocrine (excluding thyroid)	3	0	3
Hodgkin lymphoma	15	10	25
Non-Hodgkin lymphoma	144	120	264
Multiple myeloma	33	22	55
Acute lymphocytic leukemia	9	3	12
Chronic lymphocytic leukemia	64	40	104
Acute myeloid leukemia	24	22	46
Chronic myeloid leukemia	11	9	20
Other leukemia	16	10	26
Other, ill defined, and unknown	136	123	259
Total: Invasive Cancers	2873	3007	5880
Other skin and <i>in situ</i> (including melanoma <i>in situ</i>)	1215	1035	2250
Breast <i>in situ</i>	0	120	120
Cervix <i>in situ</i>	0	177	177
Prostate <i>in situ</i>	7	0	7
Bladder <i>in situ</i>	111	41	152
Other <i>in situ</i> (excluding skin, breast, cervix, prostate, bladder)	27	58	85
Total: In situ Cancers	1360	1431	2791
Brain uncertain and unspecified	12	16	28
Neoplasms - uncertain and unspecified (excluding brain)	101	155	256
Brain and nervous system (benign)	33	52	85
Total: Other Cancers	146	223	369
Total: All Cancers	4379	4661	9040

MORTALITY BY SITE, 2008

Site	Male	Female	Total
Lip	0	1	1
Tongue	2	0	2
Major salivary gland	2	0	2
Floor of mouth	2	0	2
Gum and other mouth	2	3	5
Nasopharynx	2	1	3
Oropharynx	6	1	7
Hypopharynx	1	1	2
Other buccal cavity and pharynx	1	1	2
Esophagus	57	10	67
Stomach	57	22	79
Small intestine	2	5	7
Colon (excluding rectum)	114	117	231
Rectum and rectosigmoid	60	34	94
Anus	3	1	4
Liver	27	11	38
Gallbladder	7	4	11
Pancreas	57	76	133
Other digestive system	22	24	46
Larynx	8	0	8
Lung and bronchus	316	306	622
Other respiratory system	2	1	3
Bones and joints	2	3	5
Soft tissue (including heart)	8	10	18
Mesothelioma	7	2	9
Kaposi's Sarcoma	0	0	0
Melanomas of the skin	20	11	31
Breast (invasive)	2	203	205
Cervix uteri (invasive)	0	20	20
Corpus uteri	0	14	14
Uterus, NOS	0	17	17
Ovary	0	67	67
Other female genital system	0	5	5
Prostate (invasive)	175	0	175
Testis	2	0	2
Penis	0	0	0

Site	Male	Female	Total
Other male genital system	0	0	0
Bladder (invasive)	52	21	73
Kidney and renal pelvis	34	19	53
Ureter	2	0	2
Other urinary system	1	1	2
Eye	1	0	1
Brain (invasive)	31	19	50
Other nervous system (excluding brain)	2	1	3
Thyroid	3	8	11
Other endocrine (excluding thyroid)	3	3	6
Hodgkin lymphoma	2	3	5
Non-Hodgkin lymphoma	50	48	98
Multiple myeloma	22	23	45
Acute lymphocytic leukemia	2	1	3
Chronic lymphocytic leukemia	10	11	21
Acute myeloid leukemia	14	15	29
Chronic myeloid leukemia	4	2	6
Other leukemia	19	12	31
Other ill-defined and unknown	126	122	248
TOTAL: INVASIVE CANCERS	1344	1280	2624
Other skin and <i>in situ</i> (including melanoma <i>in situ</i>)	5	3	8
Breast <i>in situ</i>	0	0	0
Cervix <i>in situ</i>	0	0	0
Bladder <i>in situ</i>	0	0	0
Prostate <i>in situ</i>	0	0	0
Other <i>in situ</i> (excluding skin, breast, cervix, bladder, prostate)	0	0	0
TOTAL: IN SITU CANCERS	5	3	8
Brain uncertain and unspecified	11	18	29
Neoplasms - uncertain and unspecified (excluding brain)	24	31	55
Brain and nervous system (benign)	1	2	3
TOTAL: OTHER CANCERS	36	51	87
TOTAL: ALL CANCERS	1385	1334	2719

BUCCAL CAVITY AND PHARYNX (C00:C14)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	2	2.56	1	1.28	3	1.92
40-49	11	12.22	5	5.60	16	8.92
50-59	20	24.90	6	7.42	26	16.14
60-69	40	76.46	10	18.43	50	46.92
70-79	25	79.86	14	37.67	39	56.96
80+	13	72.33	12	36.05	25	48.77
Total	111	18.66	48	7.88	159	13.21

MORTALITY - TOTAL

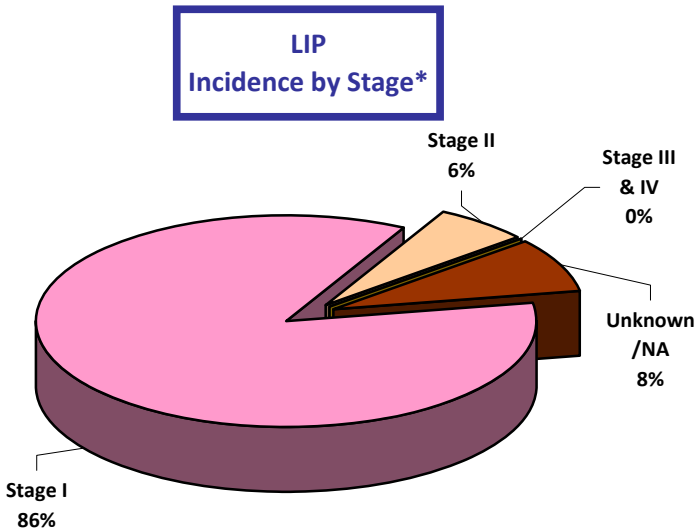
Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	1	1.28	0	0.00	1	0.64
40-49	2	2.22	1	1.12	3	1.67
50-59	4	4.98	1	1.24	5	3.10
60-69	6	11.47	1	1.84	7	6.57
70-79	3	9.58	1	2.69	4	5.84
80+	2	11.13	4	12.02	6	11.71
Total	18	3.03	8	1.31	26	2.16

LIP
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	1	1.28	0	0.00	1	0.64
40-49	1	1.11	0	0.00	1	0.56
50-59	4	4.98	2	2.47	6	3.72
60-69	12	22.94	1	1.84	13	12.20
70-79	12	38.33	3	8.07	15	21.91
80+	7	38.95	5	15.02	12	23.41
Total	37	6.22	11	1.81	48	3.99

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	1	3.00	1	1.95
Total	0	0.00	1	0.16	1	0.08



*See Appendix 3 for frequency of incidence for each site

TONGUE

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	2	2.22	3	3.36	5	2.79
50-59	4	4.98	0	0.00	4	2.48
60-69	7	13.38	1	1.84	8	7.51
70-79	4	12.78	3	8.07	7	10.22
80+	1	5.56	0	0.00	1	1.95
Total	18	3.03	7	1.15	25	2.08

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	1	1.28	0	0.00	1	0.64
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	1	1.91	0	0.00	1	0.94
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	2	0.34	0	0.00	2	0.17

MAJOR SALIVARY GLAND

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	1	1.28	1	0.64
40-49	1	1.11	0	0.00	1	0.56
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	3	5.53	3	2.81
70-79	2	6.39	1	2.69	3	4.38
80+	0	0.00	2	6.01	2	3.90
Total	3	0.50	7	1.15	10	0.83

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	1	1.25	0	0.00	1	0.62
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	2	0.34	0	0.00	2	0.17

FLOOR OF MOUTH

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	1	1.12	2	1.12
50-59	0	0.00	1	1.24	1	0.62
60-69	7	13.38	0	0.00	7	6.57
70-79	0	0.00	2	5.38	2	2.92
80+	0	0.00	0	0.00	0	0.00
Total	8	1.35	4	0.66	12	1.00

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	2	3.82	0	0.00	2	1.88
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	2	0.34	0	0.00	2	0.17

GUM AND OTHER MOUTH

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	4	4.98	2	2.47	6	3.72
60-69	5	9.56	4	7.37	9	8.44
70-79	1	3.19	2	5.38	3	4.38
80+	3	16.69	4	12.02	7	13.66
Total	13	2.19	12	1.97	25	2.08

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	0	0.00	1	0.62
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	1	2.69	1	1.46
80+	1	5.56	2	6.01	3	5.85
Total	2	0.34	3	0.49	5	0.42

NASOPHARYNX

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	1	1.12	2	1.12
50-59	1	1.25	0	0.00	1	0.62
60-69	1	1.91	0	0.00	1	0.94
70-79	0	0.00	3	8.07	3	4.38
80+	1	5.56	0	0.00	1	1.95
Total	4	0.67	4	0.66	8	0.66

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	1	1.12	1	0.56
50-59	0	0.00	0	0.00	0	0.00
60-69	1	1.91	0	0.00	1	0.94
70-79	1	3.19	0	0.00	1	1.46
80+	0	0.00	0	0.00	0	0.00
Total	2	0.34	1	0.16	3	0.25

OROPHARYNX

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	2	2.49	0	0.00	2	1.24
60-69	1	1.91	0	0.00	1	0.94
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	4	0.67	0	0.00	4	0.33

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	1	1.25	1	1.24	2	1.24
60-69	2	3.82	0	0.00	2	1.88
70-79	1	3.19	0	0.00	1	1.46
80+	1	5.56	0	0.00	1	1.95
Total	6	1.01	1	0.16	7	0.58

HYPOPHARYNX

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	3	3.74	0	0.00	3	1.86
60-69	3	5.73	0	0.00	3	2.81
70-79	3	9.58	0	0.00	3	4.38
80+	1	5.56	1	3.00	2	3.90
Total	11	1.85	1	0.16	12	1.00

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	1	1.84	1	0.94
70-79	1	3.19	0	0.00	1	1.46
80+	0	0.00	0	0.00	0	0.00
Total	1	0.17	1	0.16	2	0.17

OTHER BUCCAL CAVITY AND PHARYNX

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	1	1.28	0	0.00	1	0.64
40-49	3	3.33	0	0.00	3	1.67
50-59	2	2.49	1	1.24	3	1.86
60-69	4	7.65	1	1.84	5	4.69
70-79	3	9.58	0	0.00	3	4.38
80+	0	0.00	0	0.00	0	0.00
Total	13	2.19	2	0.33	15	1.25

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	0	0.00	1	0.62
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	1	3.00	1	1.95
Total	1	0.17	1	0.16	2	0.17

DIGESTIVE SYSTEM (C15:C26)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	4	1.64	1	0.42	5	1.04
30-39	7	8.96	2	2.57	9	5.77
40-49	36	39.98	30	33.60	66	36.80
50-59	112	139.44	81	100.22	193	119.77
60-69	198	378.49	127	234.05	325	304.95
70-79	220	702.74	152	408.94	372	543.26
80+	171	951.48	206	618.86	377	735.48
Total	748	125.77	599	98.39	1347	111.92

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	4	5.12	1	1.28	5	3.20
40-49	12	13.33	10	11.20	22	12.27
50-59	65	80.93	32	39.59	97	60.20
60-69	107	204.54	59	108.73	166	155.76
70-79	98	313.04	68	182.95	166	242.42
80+	120	667.71	134	402.56	254	495.52
Total	407	68.43	304	49.93	711	59.07

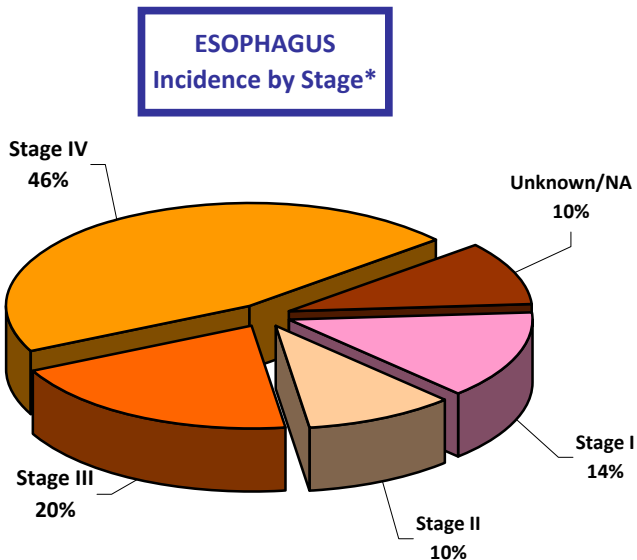
ESOPHAGUS

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	4	4.44	0	0.00	4	2.23
50-59	8	9.96	2	2.47	10	6.21
60-69	9	17.20	6	11.06	15	14.07
70-79	6	19.17	3	8.07	9	13.14
80+	9	50.08	3	9.01	12	23.41
Total	36	6.05	14	2.30	50	4.15

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	10	12.45	1	1.24	11	6.83
60-69	26	49.70	1	1.84	27	25.33
70-79	9	28.75	3	8.07	12	17.52
80+	11	61.21	5	15.02	16	31.21
Total	57	9.58	10	1.64	67	5.57



*See Appendix 3 for frequency of incidence for each site

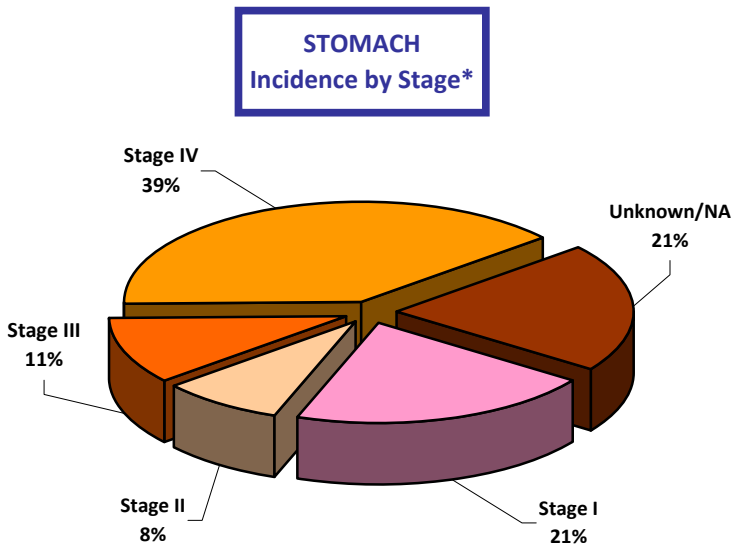
STOMACH

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	2	2.24	3	1.67
50-59	14	17.43	2	2.47	16	9.93
60-69	27	51.61	5	9.21	32	30.03
70-79	24	76.66	6	16.14	30	43.81
80+	21	116.85	17	51.07	38	74.13
Total	88	14.80	32	5.26	120	9.97

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	1	1.28	0	0.00	1	0.64
40-49	0	0.00	0	0.00	0	0.00
50-59	10	12.45	1	1.24	11	6.83
60-69	14	26.76	7	12.90	21	19.70
70-79	12	38.33	5	13.45	17	24.83
80+	20	111.28	9	27.04	29	56.58
Total	57	9.58	22	3.61	79	6.56



*See Appendix 3 for frequency of incidence for each site

SMALL INTESTINE

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	4	4.44	4	4.48	8	4.46
50-59	0	0.00	3	3.71	3	1.86
60-69	6	11.47	5	9.21	11	10.32
70-79	2	6.39	4	10.76	6	8.76
80+	3	16.69	4	12.02	7	13.66
Total	15	2.52	20	3.29	35	2.91

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	2	6.39	2	5.38	4	5.84
80+	0	0.00	3	9.01	3	5.85
Total	2	0.34	5	0.82	7	0.58

COLON (EXCLUDING RECTUM)

INCIDENCE

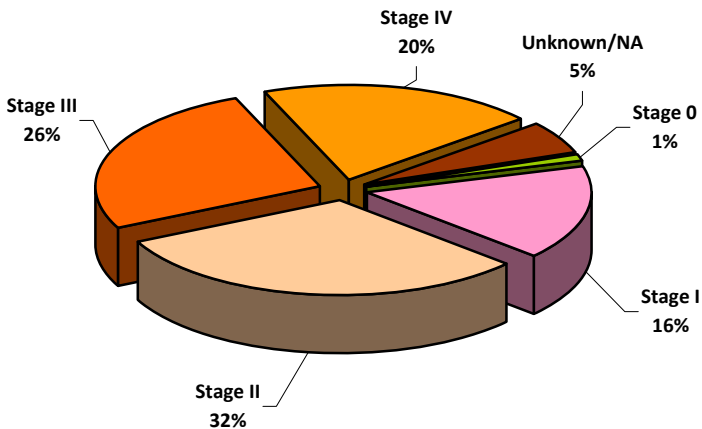
Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	2	2.56	1	1.28	3	1.92
40-49	11	12.22	10	11.20	21	11.71
50-59	34	42.33	31	38.36	65	40.34
60-69	70	133.81	56	103.20	126	118.23
70-79	91	290.68	74	199.09	165	240.96
80+	80	445.14	90	270.38	170	331.65
Total	288	48.42	262	43.03	550	45.70

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	2	2.56	1	1.28	3	1.92
40-49	5	5.55	5	5.60	10	5.58
50-59	19	23.66	12	14.85	31	19.24
60-69	26	49.70	21	38.70	47	44.10
70-79	25	79.86	27	72.64	52	75.94
80+	37	205.88	51	153.21	88	171.68
Total	114	19.17	117	19.22	231	19.19

COLON CANCER (EXCLUDING RECTUM)

Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

RECTUM AND RECTOSIGMOID

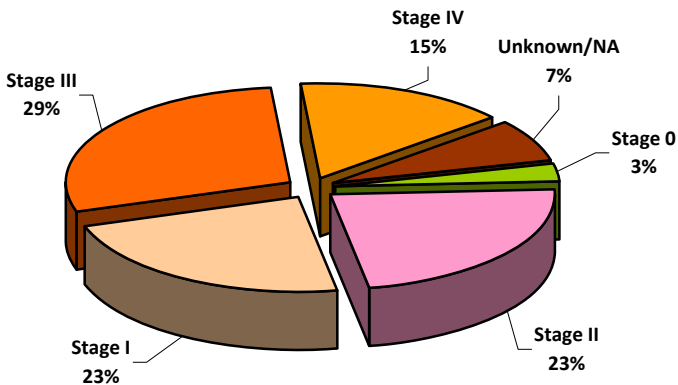
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	1	0.42	2	0.42
30-39	5	6.40	1	1.28	6	3.84
40-49	11	12.22	10	11.20	21	11.71
50-59	30	37.35	24	29.70	54	33.51
60-69	50	95.58	25	46.07	75	70.37
70-79	51	162.91	24	64.57	75	109.53
80+	34	189.18	38	114.16	72	140.46
Total	182	30.60	123	20.20	305	25.34

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	1	1.28	0	0.00	1	0.64
40-49	1	1.11	2	2.24	3	1.67
50-59	11	13.70	3	3.71	14	8.69
60-69	10	19.12	10	18.43	20	18.77
70-79	17	54.30	6	16.14	23	33.59
80+	20	111.28	13	39.05	33	64.38
Total	60	10.09	34	5.58	94	7.81

RECTUM and RECTOSIGMOID
Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

ANUS
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	2	2.47	3	1.86
60-69	2	3.82	2	3.69	4	3.75
70-79	2	6.39	1	2.69	3	4.38
80+	1	5.56	3	9.01	4	7.80
Total	6	1.01	8	1.31	14	1.16

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	1	1.24	1	0.62
60-69	1	1.91	0	0.00	1	0.94
70-79	2	6.39	0	0.00	2	2.92
80+	0	0.00	0	0.00	0	0.00
Total	3	0.50	1	0.16	4	0.33

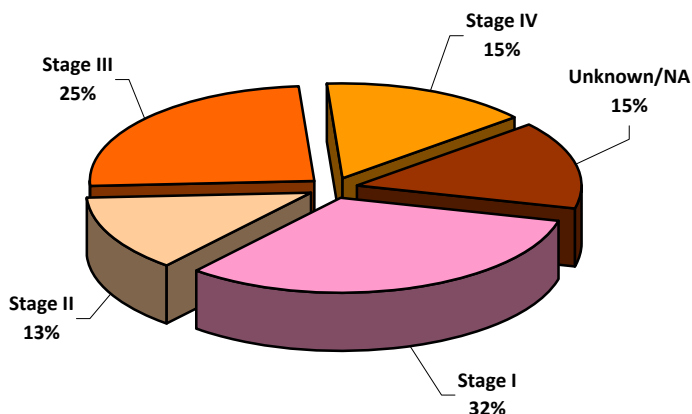
LIVER MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	2	0.82	0	0.00	2	0.42
30-39	0	0.00	0	0.00	0	0.00
40-49	2	2.22	0	0.00	2	1.12
50-59	6	7.47	3	3.71	9	5.59
60-69	11	21.03	5	9.21	16	15.01
70-79	13	41.53	5	13.45	18	26.29
80+	1	5.56	5	15.02	6	11.71
Total	35	5.88	18	2.96	53	4.40

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	3	3.74	2	2.47	5	3.10
60-69	10	19.12	2	3.69	12	11.26
70-79	5	15.97	4	10.76	9	13.14
80+	8	44.51	3	9.01	11	21.46
Total	27	4.54	11	1.81	38	3.16

LIVER Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

GALLBLADDER

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	3	5.73	4	7.37	7	6.57
70-79	1	3.19	5	13.45	6	8.76
80+	1	5.56	2	6.01	3	5.85
Total	5	0.84	11	1.81	16	1.33

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	2	3.82	1	1.84	3	2.81
70-79	2	6.39	0	0.00	2	2.92
80+	3	16.69	3	9.01	6	11.71
Total	7	1.18	4	0.66	11	0.91

PANCREAS

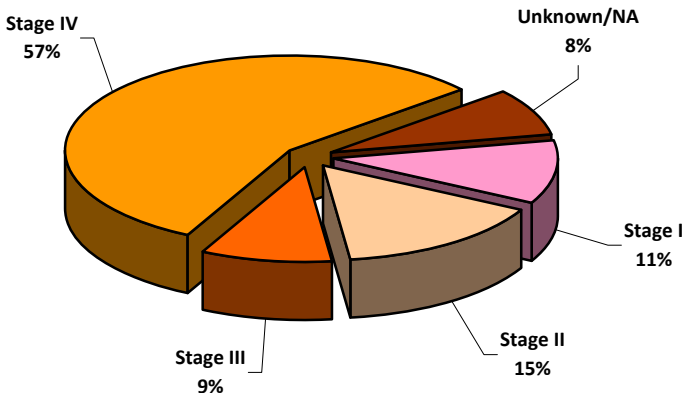
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	3	3.36	4	2.23
50-59	13	16.19	12	14.85	25	15.51
60-69	16	30.59	13	23.96	29	27.21
70-79	17	54.30	28	75.33	45	65.72
80+	13	72.33	33	99.14	46	89.74
Total	60	10.09	89	14.62	149	12.38

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	3	3.33	2	2.24	5	2.79
50-59	8	9.96	10	12.37	18	11.17
60-69	17	32.50	14	25.80	31	29.09
70-79	16	51.11	16	43.05	32	46.73
80+	13	72.33	34	102.14	47	91.69
Total	57	9.58	76	12.48	133	11.05

PANCREAS
Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

OTHER DIGESTIVE SYSTEM

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	2	2.22	1	1.12	3	1.67
50-59	6	7.47	2	2.47	8	4.96
60-69	4	7.65	6	11.06	10	9.38
70-79	13	41.53	2	5.38	15	21.91
80+	8	44.51	11	33.05	19	37.07
Total	33	5.55	22	3.61	55	4.57

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	1	1.12	2	1.12
50-59	3	3.74	2	2.47	5	3.10
60-69	1	1.91	3	5.53	4	3.75
70-79	8	25.55	5	13.45	13	18.99
80+	8	44.51	13	39.05	21	40.97
Total	22	3.70	24	3.94	46	3.82

RESPIRATORY SYSTEM (C30:C39)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	2	0.82	0	0.00	2	0.42
30-39	0	0.00	1	1.28	1	0.64
40-49	12	13.33	8	8.96	20	11.15
50-59	54	67.23	56	69.29	110	68.26
60-69	141	269.53	114	210.09	255	239.27
70-79	163	520.67	152	408.94	315	460.02
80+	105	584.24	107	321.45	212	413.59
Total	477	80.20	438	71.94	915	76.02

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	12	13.33	8	8.96	20	11.15
50-59	24	29.88	32	39.59	56	34.75
60-69	81	154.84	75	138.22	156	146.38
70-79	107	341.79	95	255.59	202	295.00
80+	102	567.55	97	291.41	199	388.22
Total	326	54.81	307	50.43	633	52.59

LARYNX

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	3	3.74	2	2.47	5	3.10
60-69	15	28.67	0	0.00	15	14.07
70-79	5	15.97	3	8.07	8	11.68
80+	3	16.69	0	0.00	3	5.85
Total	27	4.54	5	0.82	32	2.66

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	4	7.65	0	0.00	4	3.75
70-79	2	6.39	0	0.00	2	2.92
80+	2	11.13	0	0.00	2	3.90
Total	8	1.35	0	0.00	8	0.66

LUNG AND BRONCHUS

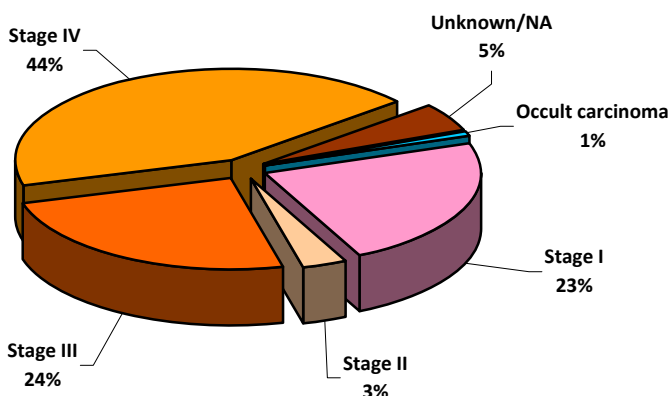
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	0	0.00	1	1.28	1	0.64
40-49	11	12.22	8	8.96	19	10.59
50-59	51	63.50	53	65.58	104	64.54
60-69	125	238.95	114	210.09	239	224.26
70-79	154	491.92	147	395.49	301	439.58
80+	101	561.99	105	315.44	206	401.88
Total	443	74.49	428	70.30	871	72.37

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	12	13.33	8	8.96	20	11.15
50-59	23	28.64	32	39.59	55	34.13
60-69	77	147.19	75	138.22	152	142.62
70-79	105	335.40	94	252.90	199	290.62
80+	99	550.86	97	291.41	196	382.37
Total	316	53.13	306	50.26	622	51.68

LUNG AND BRONCHUS Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

OTHER RESPIRATORY SYSTEM

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	1	1.24	1	0.62
60-69	1	1.91	0	0.00	1	0.94
70-79	4	12.78	2	5.38	6	8.76
80+	1	5.56	2	6.01	3	5.85
Total	7	1.18	5	0.82	12	1.00

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	0	0.00	1	0.62
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	1	2.69	1	1.46
80+	1	5.56	0	0.00	1	1.95
Total	2	0.34	1	0.16	3	0.25

BONES AND JOINTS (C40:C41)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	4	1.64	0	0.00	4	0.83
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	2	2.24	2	1.12
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	2	5.38	2	2.92
80+	2	11.13	0	0.00	2	3.90
Total	6	1.01	4	0.66	10	0.83

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	1	1.28	1	0.64
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	2	6.39	0	0.00	2	2.92
80+	0	0.00	1	3.00	1	1.95
Total	2	0.34	3	0.49	5	0.42

SOFT TISSUE (INCLUDING HEART)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	2	0.82	4	1.69	6	1.25
30-39	3	3.84	1	1.28	4	2.56
40-49	2	2.22	0	0.00	2	1.12
50-59	2	2.49	2	2.47	4	2.48
60-69	1	1.91	2	3.69	3	2.81
70-79	4	12.78	1	2.69	5	7.30
80+	0	0.00	1	3.00	1	1.95
Total	14	2.35	11	1.81	25	2.08

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	1	1.28	2	2.57	3	1.92
40-49	1	1.11	1	1.12	2	1.12
50-59	0	0.00	3	3.71	3	1.86
60-69	0	0.00	2	3.69	2	1.88
70-79	1	3.19	1	2.69	2	2.92
80+	5	27.82	0	0.00	5	9.75
Total	8	1.35	10	1.64	18	1.50

SKIN - MELANOMA & NON-MELANOMA (C44)

(INCLUDING *IN SITU*)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	8	3.27	9	3.81	17	3.54
30-39	14	17.91	51	65.42	65	41.64
40-49	97	107.72	100	112.00	197	109.85
50-59	198	246.51	190	235.09	388	240.79
60-69	304	581.12	198	364.90	502	471.03
70-79	372	1188.27	236	634.94	608	887.92
80+	308	1713.78	340	1021.42	648	1264.17
Total	1301	218.75	1124	184.62	2425	201.49

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	2	2.24	3	1.67
50-59	4	4.98	1	1.24	5	3.10
60-69	7	13.38	1	1.84	8	7.51
70-79	6	19.17	4	10.76	10	14.60
80+	7	38.95	5	15.02	12	23.41
Total	25	4.20	14	2.30	39	3.24

MELANOMA OF THE SKIN

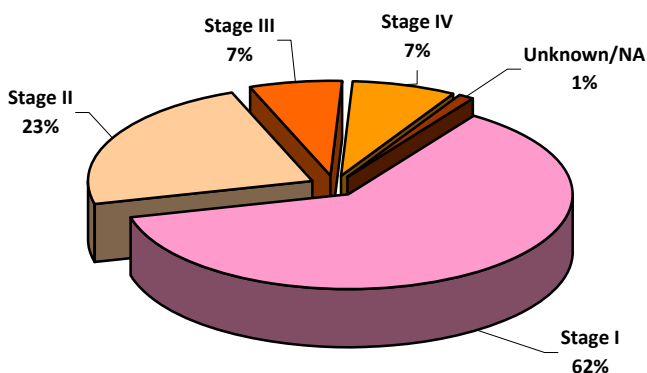
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	2	0.82	1	0.42	3	0.62
30-39	1	1.28	8	10.26	9	5.77
40-49	3	3.33	19	21.28	22	12.27
50-59	25	31.13	15	18.56	40	24.82
60-69	20	38.23	12	22.11	32	30.03
70-79	18	57.50	13	34.98	31	45.27
80+	17	94.59	21	63.09	38	74.13
Total	86	14.46	89	14.62	175	14.54

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	2	2.24	3	1.67
50-59	4	4.98	1	1.24	5	3.10
60-69	6	11.47	1	1.84	7	6.57
70-79	5	15.97	4	10.76	9	13.14
80+	4	22.26	2	6.01	6	11.71
Total	20	3.36	11	1.81	31	2.58

MELANOMA OF THE SKIN Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

OTHER SKIN & IN SITU (INCLUDING MELANOMA IN SITU)

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	6	2.45	8	3.39	14	2.91
30-39	13	16.63	43	55.16	56	35.87
40-49	94	104.39	81	90.72	175	97.58
50-59	173	215.39	175	216.53	348	215.96
60-69	284	542.89	186	342.78	470	441.00
70-79	354	1130.77	223	599.96	577	842.64
80+	291	1619.19	319	958.33	610	1190.03
Total	1215	204.29	1035	170.00	2250	186.95

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	1	1.91	0	0.00	1	0.94
70-79	1	3.19	0	0.00	1	1.46
80+	3	16.69	3	9.01	6	11.71
Total	5	0.84	3	0.49	8	0.66

MESOTHELIOMA

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	2	2.49	0	0.00	2	1.24
60-69	2	3.82	2	3.69	4	3.75
70-79	6	19.17	2	5.38	8	11.68
80+	1	5.56	2	6.01	3	5.85
Total	11	1.85	6	0.99	17	1.41

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	0	0.00	1	0.62
60-69	0	0.00	0	0.00	0	0.00
70-79	2	6.39	2	5.38	4	5.84
80+	4	22.26	0	0.00	4	7.80
Total	7	1.18	2	0.33	9	0.75

KAPOSI SARCOMA

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	2	6.01	2	3.90
Total	2	0.34	2	0.33	4	0.33

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	0	0.00	0	0.00	0	0.00

BREAST - INVASIVE & IN SITU (C500:C509)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	6	2.54	6	1.25
30-39	0	0.00	29	37.20	29	18.58
40-49	1	1.11	146	163.52	147	81.97
50-59	0	0.00	220	272.21	220	136.53
60-69	2	3.82	241	444.14	243	228.01
70-79	4	12.78	161	433.16	165	240.96
80+	0	0.00	153	459.64	153	298.48
Total	7	1.18	956	157.03	963	80.01

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	6	7.70	6	3.84
40-49	0	0.00	14	15.68	14	7.81
50-59	1	1.25	38	47.02	39	24.20
60-69	0	0.00	44	81.09	44	41.29
70-79	1	3.19	37	99.55	38	55.49
80+	0	0.00	63	189.26	63	122.91
Total	2	0.34	203	33.34	205	17.03

BREAST - IN SITU

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	2	2.57	2	1.28
40-49	0	0.00	26	29.12	26	14.50
50-59	0	0.00	32	39.59	32	19.86
60-69	0	0.00	34	62.66	34	31.90
70-79	0	0.00	17	45.74	17	24.83
80+	0	0.00	8	24.03	8	15.61
Total	0	0.00	120	19.71	120	9.97

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	0	0.00	0	0.00	0	0.00

BREAST - INVASIVE

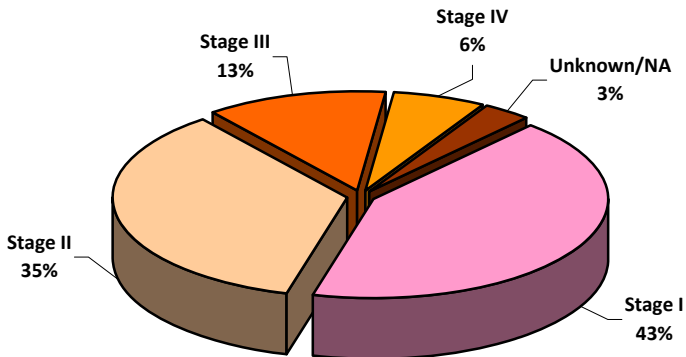
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	5	2.12	5	1.04
30-39	0	0.00	27	34.64	27	17.30
40-49	1	1.11	120	134.40	121	67.47
50-59	0	0.00	188	232.62	188	116.67
60-69	2	3.82	207	381.48	209	196.11
70-79	4	12.78	144	387.42	148	216.14
80+	0	0.00	145	435.61	145	282.88
Total	7	1.18	836	137.32	843	70.04

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	6	7.70	6	3.84
40-49	0	0.00	14	15.68	14	7.81
50-59	1	1.25	38	47.02	39	24.20
60-69	0	0.00	44	81.09	44	41.29
70-79	1	3.19	37	99.55	38	55.49
80+	0	0.00	63	189.26	63	122.91
Total	2	0.34	203	33.34	205	17.03

**BREAST - INVASIVE
Incidence by Stage***



*See Appendix 3 for frequency of incidence for each site

FEMALE GENITAL SYSTEM (C51:C58)

(INCLUDING CERVIX *IN SITU*)

INCIDENCE - TOTAL

Age	Female	Rate
00-29	66	27.96
30-39	89	114.17
40-49	74	82.88
50-59	100	123.73
60-69	95	175.08
70-79	69	185.64
80+	52	156.22
Total	545	89.52

MORTALITY - TOTAL

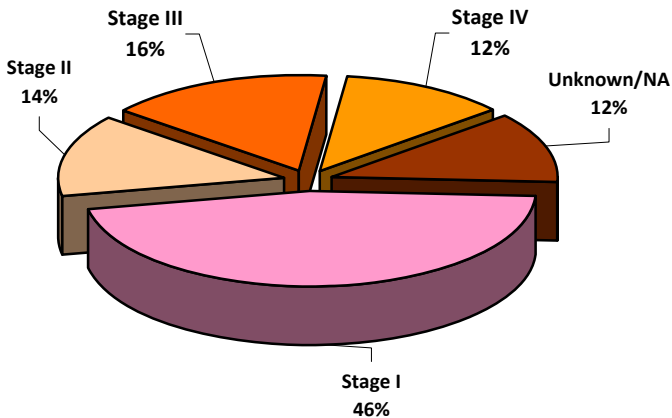
Age	Female	Rate
00-29	1	0.42
30-39	2	2.57
40-49	6	6.72
50-59	30	37.12
60-69	26	47.92
70-79	26	69.95
80+	32	96.13
Total	123	20.20

CERVIX UTERI - INVASIVE

INCIDENCE		
Age	Female	Rate
00-29	3	1.27
30-39	17	21.81
40-49	12	13.44
50-59	6	7.42
60-69	3	5.53
70-79	4	10.76
80+	5	15.02
Total	50	8.21

MORTALITY		
Age	Female	Rate
00-29	1	0.42
30-39	2	2.57
40-49	3	3.36
50-59	6	7.42
60-69	1	1.84
70-79	4	10.76
80+	3	9.01
Total	20	3.29

CERVIX UTERI - INVASIVE
Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

CERVIX - IN SITU

INCIDENCE		
Age	Female	Rate
00-29	62	26.27
30-39	63	80.82
40-49	34	38.08
50-59	7	8.66
60-69	3	5.53
70-79	5	13.45
80+	3	9.01
Total	177	29.07

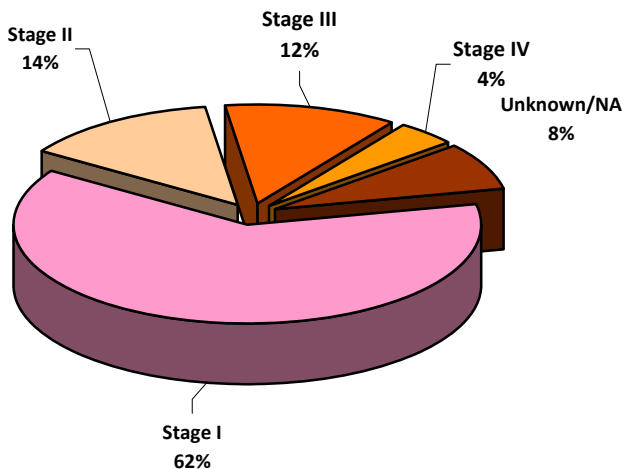
MORTALITY		
Age	Female	Rate
00-29	0	0.00
30-39	0	0.00
40-49	0	0.00
50-59	0	0.00
60-69	0	0.00
70-79	0	0.00
80+	0	0.00
Total	0	0.00

CORPUS UTERI

INCIDENCE		
Age	Female	Rate
00-29	0	0.00
30-39	5	6.41
40-49	15	16.80
50-59	59	73.00
60-69	58	106.89
70-79	33	88.78
80+	22	66.09
Total	192	31.54

MORTALITY		
Age	Female	Rate
00-29	0	0.00
30-39	0	0.00
40-49	1	1.12
50-59	4	4.95
60-69	3	5.53
70-79	2	5.38
80+	4	12.02
Total	14	2.30

CORPUS UTERI Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

UTERUS, NOS

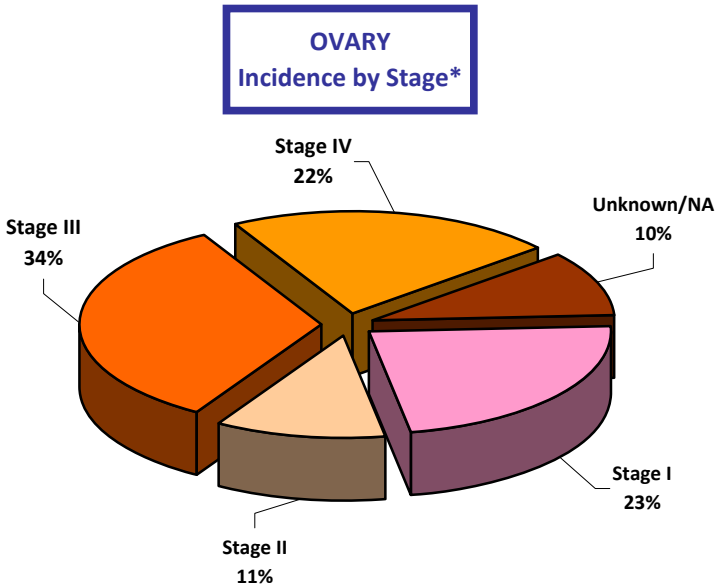
INCIDENCE		
Age	Female	Rate
00-29	0	0.00
30-39	1	1.28
40-49	1	1.12
50-59	1	1.24
60-69	3	5.53
70-79	0	0.00
80+	1	3.00
Total	7	1.15

MORTALITY		
Age	Female	Rate
00-29	0	0.00
30-39	0	0.00
40-49	0	0.00
50-59	1	1.24
60-69	3	5.53
70-79	4	10.76
80+	9	27.04
Total	17	2.79

OVARY

INCIDENCE		
Age	Female	Rate
00-29	1	0.42
30-39	2	2.57
40-49	10	11.20
50-59	21	25.98
60-69	22	40.54
70-79	22	59.19
80+	9	27.04
Total	87	14.29

MORTALITY		
Age	Female	Rate
00-29	0	0.00
30-39	0	0.00
40-49	2	2.24
50-59	19	23.51
60-69	18	33.17
70-79	15	40.36
80+	13	39.05
Total	67	11.01



*See Appendix 3 for frequency of incidence for each site

OTHER FEMALE GENITAL SYSTEM

INCIDENCE		
Age	Female	Rate
00-29	0	0.00
30-39	1	1.28
40-49	2	2.24
50-59	6	7.42
60-69	6	11.06
70-79	5	13.45
80+	12	36.05
Total	32	5.26

MORTALITY		
Age	Female	Rate
00-29	0	0.00
30-39	0	0.00
40-49	0	0.00
50-59	0	0.00
60-69	1	1.84
70-79	1	2.69
80+	3	9.01
Total	5	0.82

MALE GENITAL SYSTEM (C60:C63)

(INCLUDING PROSTATE *IN SITU*)

INCIDENCE - TOTAL

Age	Male	Rate
00-29	16	6.54
30-39	12	15.35
40-49	19	21.10
50-59	101	125.75
60-69	223	426.28
70-79	188	600.52
80+	90	500.78
Total	649	109.12

MORTALITY - TOTAL

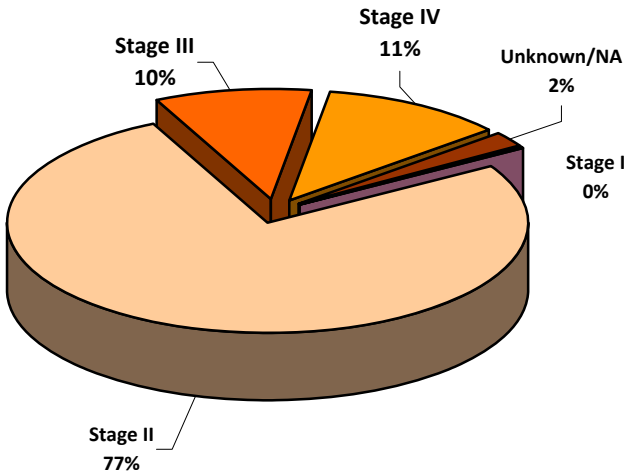
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	2	2.22
50-59	3	3.74
60-69	19	36.32
70-79	48	153.33
80+	105	584.24
Total	177	29.76

PROSTATE - INVASIVE

INCIDENCE		
Age	Male	Rate
00-29	0	0.00
30-39	1	1.28
40-49	10	11.11
50-59	98	122.01
60-69	214	409.08
70-79	179	571.78
80+	88	489.65
Total	590	99.20

MORTALITY		
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	0	0.00
50-59	3	3.74
60-69	19	36.32
70-79	48	153.33
80+	105	584.24
Total	175	29.42

**PROSTATE - INVASIVE
Incidence by Stage***



*See Appendix 3 for frequency of incidence for each site

PROSTATE - IN SITU

INCIDENCE		
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	1	1.11
50-59	0	0.00
60-69	1	1.91
70-79	4	12.78
80+	1	5.56
Total	7	1.18

MORTALITY		
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	0	0.00
50-59	0	0.00
60-69	0	0.00
70-79	0	0.00
80+	0	0.00
Total	0	0.00

TESTIS

INCIDENCE		
Age	Male	Rate
00-29	16	6.54
30-39	11	14.07
40-49	6	6.66
50-59	2	2.49
60-69	2	3.82
70-79	0	0.00
80+	0	0.00
Total	37	6.22

MORTALITY		
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	2	2.22
50-59	0	0.00
60-69	0	0.00
70-79	0	0.00
80+	0	0.00
Total	2	0.34

PENIS

INCIDENCE		
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	2	2.22
50-59	1	1.25
60-69	5	9.56
70-79	4	12.78
80+	1	5.56
Total	13	2.19

MORTALITY		
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	0	0.00
50-59	0	0.00
60-69	0	0.00
70-79	0	0.00
80+	0	0.00
Total	0	0.00

OTHER MALE GENITAL SYSTEM

INCIDENCE		
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	0	0.00
50-59	0	0.00
60-69	1	1.91
70-79	1	3.19
80+	0	0.00
Total	2	0.34

MORTALITY		
Age	Male	Rate
00-29	0	0.00
30-39	0	0.00
40-49	0	0.00
50-59	0	0.00
60-69	0	0.00
70-79	0	0.00
80+	0	0.00
Total	0	0.00

URINARY SYSTEM (C64:C68) (INCLUDING BLADDER IN SITU)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	2	2.56	0	0.00	2	1.28
40-49	23	25.54	7	7.84	30	16.73
50-59	49	61.01	20	24.75	69	42.82
60-69	89	170.13	34	62.66	123	115.41
70-79	97	309.84	36	96.85	133	194.23
80+	89	495.21	46	138.19	135	263.37
Total	350	58.85	143	23.49	493	40.96

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	3	3.33	1	1.12	4	2.23
50-59	10	12.45	2	2.47	12	7.45
60-69	14	26.76	7	12.90	21	19.70
70-79	24	76.66	7	18.83	31	45.27
80+	38	211.44	24	72.10	62	120.95
Total	89	14.96	41	6.73	130	10.80

BLADDER - IN SITU

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	1	1.12	2	1.12
50-59	11	13.70	7	8.66	18	11.17
60-69	32	61.17	13	23.96	45	42.22
70-79	32	102.22	8	21.52	40	58.42
80+	35	194.75	12	36.05	47	91.69
Total	111	18.66	41	6.73	152	12.63

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	0	0.00	0	0.00	0	0.00

BLADDER - INVASIVE

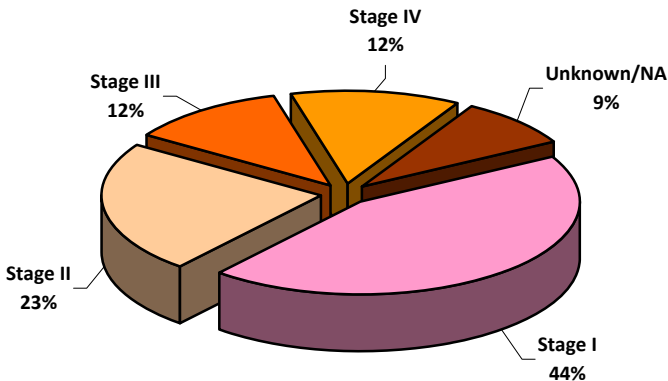
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	4	4.44	0	0.00	4	2.23
50-59	10	12.45	3	3.71	13	8.07
60-69	22	42.05	1	1.84	23	21.58
70-79	37	118.19	5	13.45	42	61.34
80+	35	194.75	12	36.05	47	91.69
Total	108	18.16	21	3.45	129	10.72

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	2	2.49	1	1.24	3	1.86
60-69	9	17.20	2	3.69	11	10.32
70-79	12	38.33	4	10.76	16	23.37
80+	28	155.80	14	42.06	42	81.94
Total	52	8.74	21	3.45	73	6.07

BLADDER - INVASIVE Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

KIDNEY AND RENAL PELVIS

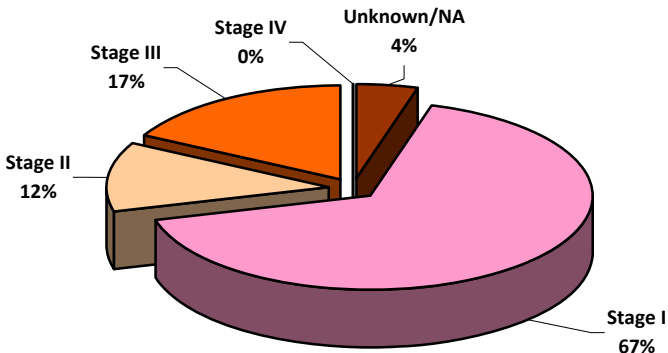
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	2	2.56	0	0.00	2	1.28
40-49	18	19.99	6	6.72	24	13.38
50-59	28	34.86	10	12.37	38	23.58
60-69	35	66.90	19	35.02	54	50.67
70-79	25	79.86	20	53.81	45	65.72
80+	16	89.03	20	60.08	36	70.23
Total	125	21.02	75	12.32	200	16.62

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	2	2.22	1	1.12	3	1.67
50-59	6	7.47	1	1.24	7	4.34
60-69	5	9.56	5	9.21	10	9.38
70-79	12	38.33	3	8.07	15	21.91
80+	9	50.08	9	27.04	18	35.12
Total	34	5.72	19	3.12	53	4.40

KIDNEY AND RENAL PELVIS Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

URETER
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	1	1.84	1	0.94
70-79	1	3.19	2	5.38	3	4.38
80+	2	11.13	2	6.01	4	7.80
Total	3	0.50	5	0.82	8	0.66

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	0	0.00	1	0.62
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	1	5.56	0	0.00	1	1.95
Total	2	0.34	0	0.00	2	0.17

OTHER URINARY SYSTEM

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	2	6.39	1	2.69	3	4.38
80+	1	5.56	0	0.00	1	1.95
Total	3	0.50	1	0.16	4	0.33

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	0	0.00	1	0.62
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	1	3.00	1	1.95
Total	1	0.17	1	0.16	2	0.17

EYE (C69)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	1	1.91	3	5.53	4	3.75
70-79	0	0.00	2	5.38	2	2.92
80+	0	0.00	1	3.00	1	1.95
Total	2	0.34	6	0.99	8	0.66

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	1	3.19	0	0.00	1	1.46
80+	0	0.00	0	0.00	0	0.00
Total	1	0.17	0	0.00	1	0.08

BRAIN AND OTHER NERVOUS SYSTEM (C70:C72)*

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	3	1.23	7	2.97	10	2.08
30-39	11	14.07	4	5.13	15	9.61
40-49	12	13.33	13	14.56	25	13.94
50-59	14	17.43	15	18.56	29	18.00
60-69	16	30.59	17	31.33	33	30.96
70-79	16	51.11	21	56.50	37	54.03
80+	14	77.90	24	72.10	38	74.13
Total	86	14.46	101	16.59	187	15.54

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	2	0.82	1	0.42	3	0.62
30-39	3	3.84	2	2.57	5	3.20
40-49	4	4.44	3	3.36	7	3.90
50-59	1	1.25	4	4.95	5	3.10
60-69	13	24.85	5	9.21	18	16.89
70-79	12	38.33	11	29.59	23	33.59
80+	10	55.64	14	42.06	24	46.82
Total	45	7.57	40	6.57	85	7.06

*In keeping with international coding conventions, all invasive brain tumours are considered unstageable using the collaborative stage system.

BRAIN - INVASIVE

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	3	1.23	3	1.27	6	1.25
30-39	5	6.40	3	3.85	8	5.12
40-49	7	7.77	4	4.48	11	6.13
50-59	9	11.21	3	3.71	12	7.45
60-69	9	17.20	4	7.37	13	12.20
70-79	6	19.17	9	24.21	15	21.91
80+	2	11.13	6	18.03	8	15.61
Total	41	6.89	32	5.26	73	6.07

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	2	0.82	0	0.00	2	0.42
30-39	2	2.56	0	0.00	2	1.28
40-49	3	3.33	2	2.24	5	2.79
50-59	1	1.25	3	3.71	4	2.48
60-69	11	21.03	3	5.53	14	13.14
70-79	8	25.55	6	16.14	14	20.45
80+	4	22.26	5	15.02	9	17.56
Total	31	5.21	19	3.12	50	4.15

BRAIN - UNCERTAIN AND UNSPECIFIED

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	2	0.85	2	0.42
30-39	1	1.28	0	0.00	1	0.64
40-49	3	3.33	2	2.24	5	2.79
50-59	0	0.00	3	3.71	3	1.86
60-69	0	0.00	1	1.84	1	0.94
70-79	3	9.58	4	10.76	7	10.22
80+	5	27.82	4	12.02	9	17.56
Total	12	2.02	16	2.63	28	2.33

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	1	1.28	2	2.57	3	1.92
40-49	0	0.00	1	1.12	1	0.56
50-59	0	0.00	1	1.24	1	0.62
60-69	2	3.82	1	1.84	3	2.81
70-79	4	12.78	5	13.45	9	13.14
80+	4	22.26	7	21.03	11	21.46
Total	11	1.85	18	2.96	29	2.41

BRAIN AND OTHER NERVOUS SYSTEM - BENIGN

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	5	6.40	1	1.28	6	3.84
40-49	2	2.22	7	7.84	9	5.02
50-59	5	6.23	9	11.14	14	8.69
60-69	7	13.38	12	22.11	19	17.83
70-79	7	22.36	8	21.52	15	21.91
80+	7	38.95	14	42.06	21	40.97
Total	33	5.55	52	8.54	85	7.06

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	1	1.84	1	0.94
70-79	0	0.00	0	0.00	0	0.00
80+	1	5.56	1	3.00	2	3.90
Total	1	0.17	2	0.33	3	0.25

OTHER NERVOUS SYSTEM (EXCLUDING BRAIN)

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	0	0.00	1	0.16	1	0.08

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	1	5.56	1	3.00	2	3.90
Total	2	0.34	1	0.16	3	0.25

ENDOCRINE (C73:C75)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	3	1.23	12	5.08	15	3.12
30-39	8	10.24	23	29.50	31	19.86
40-49	2	2.22	33	36.96	35	19.52
50-59	7	8.72	18	22.27	25	15.51
60-69	5	9.56	11	20.27	16	15.01
70-79	7	22.36	4	10.76	11	16.06
80+	3	16.69	5	15.02	8	15.61
Total	35	5.88	106	17.41	141	11.72

MORTALITY

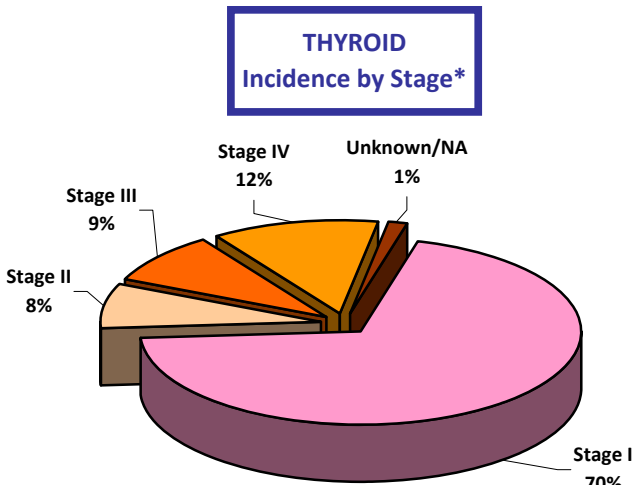
Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	0	0.00	1	0.62
60-69	3	5.73	1	1.84	4	3.75
70-79	0	0.00	5	13.45	5	7.30
80+	2	11.13	4	12.02	6	11.71
Total	6	1.01	11	1.81	17	1.41

THYROID INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	2	0.82	12	5.08	14	2.91
30-39	8	10.24	23	29.50	31	19.86
40-49	2	2.22	33	36.96	35	19.52
50-59	7	8.72	18	22.27	25	15.51
60-69	5	9.56	11	20.27	16	15.01
70-79	7	22.36	4	10.76	11	16.06
80+	1	5.56	5	15.02	6	11.71
Total	32	5.38	106	17.41	138	11.47

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	0	0.00	1	0.62
60-69	1	1.91	0	0.00	1	0.94
70-79	0	0.00	5	13.45	5	7.30
80+	1	5.56	3	9.01	4	7.80
Total	3	0.50	8	1.31	11	0.91



*See Appendix 3 for frequency of incidence for each site

OTHER ENDOCRINE (EXCLUDING THYROID)

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	2	11.13	0	0.00	2	3.90
Total	3	0.50	0	0.00	3	0.25

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	1	0.42	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	2	3.82	1	1.84	3	2.81
70-79	0	0.00	0	0.00	0	0.00
80+	1	5.56	1	3.00	2	3.90
Total	3	0.50	3	0.49	6	0.50

LYMPHOMA (C77)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	6	2.45	6	2.54	12	2.50
30-39	6	7.68	11	14.11	17	10.89
40-49	20	22.21	9	10.08	29	16.17
50-59	29	36.11	17	21.03	46	28.55
60-69	36	68.82	24	44.23	60	56.30
70-79	36	114.99	30	80.71	66	96.39
80+	26	144.67	33	99.14	59	115.10
Total	159	26.73	130	21.35	289	24.01

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	2	2.56	0	0.00	2	1.28
40-49	4	4.44	0	0.00	4	2.23
50-59	6	7.47	4	4.95	10	6.21
60-69	6	11.47	11	20.27	17	15.95
70-79	19	60.69	13	34.98	32	46.73
80+	14	77.90	23	69.10	37	72.18
Total	52	8.74	51	8.38	103	8.56

HODGKIN LYMPHOMA

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	3	1.23	3	1.27	6	1.25
30-39	3	3.84	4	5.13	7	4.48
40-49	3	3.33	1	1.12	4	2.23
50-59	3	3.74	1	1.24	4	2.48
60-69	2	3.82	0	0.00	2	1.88
70-79	1	3.19	0	0.00	1	1.46
80+	0	0.00	1	3.00	1	1.95
Total	15	2.52	10	1.64	25	2.08

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	1	1.28	0	0.00	1	0.64
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	1	1.84	1	0.94
70-79	1	3.19	0	0.00	1	1.46
80+	0	0.00	2	6.01	2	3.90
Total	2	0.34	3	0.49	5	0.42

NON-HODGKIN LYMPHOMA

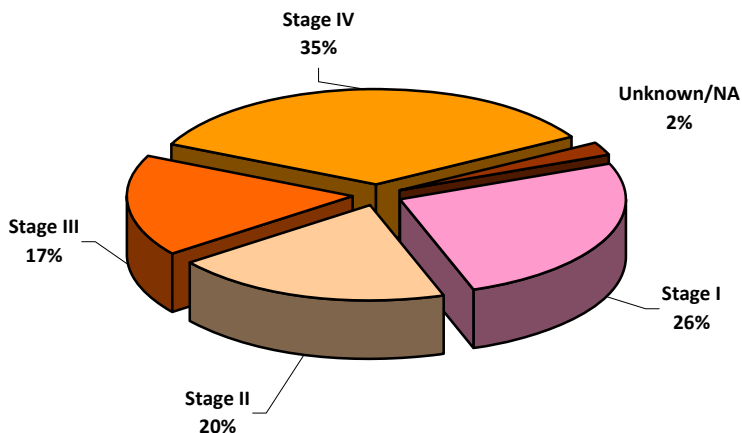
INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	3	1.23	3	1.27	6	1.25
30-39	3	3.84	7	8.98	10	6.41
40-49	17	18.88	8	8.96	25	13.94
50-59	26	32.37	16	19.80	42	26.06
60-69	34	64.99	24	44.23	58	54.42
70-79	35	111.80	30	80.71	65	94.93
80+	26	144.67	32	96.13	58	113.15
Total	144	24.21	120	19.71	264	21.93

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	1	1.28	0	0.00	1	0.64
40-49	4	4.44	0	0.00	4	2.23
50-59	6	7.47	4	4.95	10	6.21
60-69	6	11.47	10	18.43	16	15.01
70-79	18	57.50	13	34.98	31	45.27
80+	14	77.90	21	63.09	35	68.28
Total	50	8.41	48	7.88	98	8.14

NON-HODGKIN LYMPHOMA Incidence by Stage*



*See Appendix 3 for frequency of incidence for each site

MULTIPLE MYELOMA*

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	1	1.12	2	1.12
50-59	4	4.98	4	4.95	8	4.96
60-69	10	19.12	5	9.21	15	14.07
70-79	9	28.75	3	8.07	12	17.52
80+	9	50.08	9	27.04	18	35.12
Total	33	5.55	22	3.61	55	4.57

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	1	1.25	3	3.71	4	2.48
60-69	5	9.56	3	5.53	8	7.51
70-79	6	19.17	4	10.76	10	14.60
80+	9	50.08	13	39.05	22	42.92
Total	22	3.70	23	3.78	45	3.74

LEUKEMIA (C42)*

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	10	4.09	9	3.81	19	3.95
30-39	0	0.00	0	0.00	0	0.00
40-49	7	7.77	6	6.72	13	7.25
50-59	24	29.88	9	11.14	33	20.48
60-69	33	63.08	20	36.86	53	49.73
70-79	29	92.63	18	48.43	47	68.64
80+	21	116.85	22	66.09	43	83.89
Total	124	20.85	84	13.80	208	17.28

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	2	2.57	2	1.28
40-49	2	2.22	3	3.36	5	2.79
50-59	5	6.23	4	4.95	9	5.59
60-69	7	13.38	6	11.06	13	12.20
70-79	12	38.33	4	10.76	16	23.37
80+	23	127.98	22	66.09	45	87.79
Total	49	8.24	41	6.73	90	7.48

*In keeping with international coding conventions, myeloma and leukemia are considered unstageable using the collaborative stage system.

ACUTE LYMPHOCYTIC LEUKEMIA

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	6	2.45	2	0.85	8	1.66
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	3	3.74	0	0.00	3	1.86
60-69	0	0.00	1	1.84	1	0.94
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	9	1.51	3	0.49	12	1.00

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	1	1.25	0	0.00	1	0.62
60-69	0	0.00	1	1.84	1	0.94
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	2	0.34	1	0.16	3	0.25

CHRONIC LYMPHOCYTIC LEUKEMIA

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	5	5.55	1	1.12	6	3.35
50-59	13	16.19	4	4.95	17	10.55
60-69	18	34.41	10	18.43	28	26.27
70-79	17	54.30	10	26.90	27	39.43
80+	11	61.21	15	45.06	26	50.72
Total	64	10.76	40	6.57	104	8.64

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	1	1.28	1	0.64
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	1	1.91	0	0.00	1	0.94
70-79	4	12.78	1	2.69	5	7.30
80+	5	27.82	9	27.04	14	27.31
Total	10	1.68	11	1.81	21	1.74

ACUTE MYELOID LEUKEMIA

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	2	0.82	5	2.12	7	1.46
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	4	4.98	5	6.19	9	5.59
60-69	7	13.38	6	11.06	13	12.20
70-79	5	15.97	2	5.38	7	10.22
80+	5	27.82	4	12.02	9	17.56
Total	24	4.04	22	3.61	46	3.82

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	1	1.28	1	0.64
40-49	0	0.00	2	2.24	2	1.12
50-59	2	2.49	3	3.71	5	3.10
60-69	3	5.73	4	7.37	7	6.57
70-79	3	9.58	2	5.38	5	7.30
80+	6	33.39	3	9.01	9	17.56
Total	14	2.35	15	2.46	29	2.41

CHRONIC MYELOID LEUKEMIA

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	1	0.42	2	0.42
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	1	1.12	1	0.56
50-59	2	2.49	0	0.00	2	1.24
60-69	4	7.65	3	5.53	7	6.57
70-79	3	9.58	3	8.07	6	8.76
80+	1	5.56	1	3.00	2	3.90
Total	11	1.85	9	1.48	20	1.66

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	1	1.12	1	0.56
50-59	1	1.25	0	0.00	1	0.62
60-69	2	3.82	0	0.00	2	1.88
70-79	0	0.00	0	0.00	0	0.00
80+	1	5.56	1	3.00	2	3.90
Total	4	0.67	2	0.33	6	0.50

OTHER LEUKEMIA

INCIDENCE

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	1	0.42	2	0.42
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	4	4.48	5	2.79
50-59	2	2.49	0	0.00	2	1.24
60-69	4	7.65	0	0.00	4	3.75
70-79	4	12.78	3	8.07	7	10.22
80+	4	22.26	2	6.01	6	11.71
Total	16	2.69	10	1.64	26	2.16

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	1	1.11	0	0.00	1	0.56
50-59	1	1.25	1	1.24	2	1.24
60-69	1	1.91	1	1.84	2	1.88
70-79	5	15.97	1	2.69	6	8.76
80+	11	61.21	9	27.04	20	39.02
Total	19	3.19	12	1.97	31	2.58

OTHER, ILL-DEFINED AND UNKNOWN (C76:C80)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	2	0.85	3	0.62
30-39	0	0.00	1	1.28	1	0.64
40-49	7	7.77	6	6.72	13	7.25
50-59	15	18.68	10	12.37	25	15.51
60-69	27	51.61	22	40.54	49	45.98
70-79	45	143.74	29	78.02	74	108.07
80+	41	228.13	53	159.22	94	183.38
Total	136	22.87	123	20.20	259	21.52

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	2	2.56	0	0.00	2	1.28
40-49	3	3.33	3	3.36	6	3.35
50-59	14	17.43	7	8.66	21	13.03
60-69	20	38.23	23	42.39	43	40.35
70-79	44	140.55	31	83.40	75	109.53
80+	43	239.26	58	174.24	101	197.04
Total	126	21.19	122	20.04	248	20.61

NEOPLASMS - UNCERTAIN AND UNSPECIFIED (EXCLUDING BRAIN)**INCIDENCE - TOTAL**

Age	Male	Rate	Female	Rate	Total	Rate
00-29	5	2.04	11	4.66	16	3.33
30-39	2	2.56	8	10.26	10	6.41
40-49	3	3.33	13	14.56	16	8.92
50-59	16	19.92	30	37.12	46	28.55
60-69	20	38.23	29	53.44	49	45.98
70-79	26	83.05	22	59.19	48	70.10
80+	29	161.36	42	126.18	71	138.51
Total	101	16.98	155	25.46	256	21.27

MORTALITY

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	0	0.00	1	0.21
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	1	1.25	1	1.24	2	1.24
60-69	2	3.82	0	0.00	2	1.88
70-79	6	19.17	8	21.52	14	20.45
80+	14	77.90	22	66.09	36	70.23
Total	24	4.04	31	5.09	55	4.57

OTHER IN SITU

(EXCLUDING SKIN, BREAST, CERVIX, PROSTATE, BLADDER)

INCIDENCE - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	1	0.41	4	1.69	5	1.04
30-39	0	0.00	7	8.98	7	4.48
40-49	0	0.00	8	8.96	8	4.46
50-59	4	4.98	6	7.42	10	6.21
60-69	5	9.56	8	14.74	13	12.20
70-79	11	35.14	13	34.98	24	35.05
80+	6	33.39	12	36.05	18	35.12
Total	27	4.54	58	9.53	85	7.06

MORTALITY - TOTAL

Age	Male	Rate	Female	Rate	Total	Rate
00-29	0	0.00	0	0.00	0	0.00
30-39	0	0.00	0	0.00	0	0.00
40-49	0	0.00	0	0.00	0	0.00
50-59	0	0.00	0	0.00	0	0.00
60-69	0	0.00	0	0.00	0	0.00
70-79	0	0.00	0	0.00	0	0.00
80+	0	0.00	0	0.00	0	0.00
Total	0	0.00	0	0.00	0	0.00

Appendix 1

Place of Diagnosis

	Male	Female	Total
Health Sciences Centre	1038	862	1900
St.Boniface General Hospital	440	510	950
Other Hospitals in Winnipeg	927	800	1727
Other Hospitals in Manitoba	824	1442	2266
Hospitals Outside Manitoba	80	73	153
Doctors and Clinics in Winnipeg	1045	941	1986
Doctors and Clinics in Manitoba	185	176	361
Total	4539	4804	9343

Place of Death

	Male	Female	Total
Hospitals - Winnipeg	740	751	1491
Hospitals - Outside Winnipeg	488	442	930
Nursing Homes	1	1	2
Other - Winnipeg	85	97	182
Other - Outside Winnipeg	70	42	112
Unknown	1	1	2
Total	1385	1334	2719

Residence at Diagnosis

	Male	Female	Total
Winnipeg	2545	2835	5380
Manitoba-Outside Winnipeg	1834	1826	3660
Non-Manitoba Residence	160	143	303
Total	4539	4804	9343

Residence at Death

	Male	Female	Total
Winnipeg	758	799	1557
Manitoba-Outside Winnipeg	626	535	1161
Residence Not Stated	1	0	1
Total	1385	1334	2719

Appendix 2

Age Distribution at Diagnosis for 2008

(ALL SITES, INVASIVE AND *IN SITU*)

Age	Male	Rate	Female	Rate	Total	Rate
00-04	10	27.10	6	16.95	16	22.13
05-09	5	13.00	3	8.28	8	10.71
10-14	7	16.42	3	7.40	10	12.02
15-19	6	13.64	19	44.79	25	28.93
20-24	10	23.95	42	103.65	52	63.20
25-29	30	77.29	64	166.26	94	121.59
30-34	25	65.23	112	294.71	137	179.49
35-39	42	106.27	116	296.02	158	200.74
40-44	78	177.06	161	364.98	239	271.08
45-49	176	375.03	300	650.90	476	511.72
50-54	269	632.21	366	859.48	635	745.89
55-59	382	1052.98	418	1137.88	800	1095.70
60-64	540	1866.51	504	1720.72	1044	1793.17
65-69	613	2924.34	458	2042.45	1071	2468.54
70-74	628	3679.83	466	2433.55	1094	3020.85
75-79	630	4458.60	501	2763.38	1131	3505.89
80+	928	5278.43	1122	3408.99	2050	4059.89
Total	4379	743.62	4661	773.93	9040	758.94

Age Distribution at Death for 2008

(ALL SITES, INVASIVE AND *IN SITU*)

Age	Male	Rate	Female	Rate	Total	Rate
00-04	1	2.63	2	5.48	3	4.03
05-09	0	0.00	0	0.00	0	0.00
10-14	0	0.00	1	2.50	1	1.21
15-19	0	0.00	2	4.67	2	2.29
20-24	4	9.58	0	0.00	4	4.84
25-29	0	0.00	2	5.09	2	2.53
30-34	5	13.00	8	20.82	13	16.91
35-39	8	20.15	8	20.24	16	20.19
40-44	10	23.48	17	40.05	27	31.75
45-49	37	77.96	35	74.73	72	76.35
50-54	66	151.18	63	145.58	129	148.40
55-59	74	201.83	99	263.68	173	233.13
60-64	132	433.03	111	359.19	243	395.86
65-69	158	723.77	153	654.99	311	688.22
70-74	209	1221.58	139	722.94	348	957.73
75-79	183	1289.00	178	992.09	361	1123.25
80+	498	2770.98	516	1550.15	1014	1978.19
Total	1385	232.87	1334	219.12	2719	225.91

Appendix 3

Staging on Sites With More Than 45 Cases*

Site	Stage	Frequency	Percent
Lip	Unknown/NA	4	8.33
	Stage I	41	85.42
	Stage II	3	6.25
	Stage III	0	0.00
	Stage IV	0	0.00
Esophagus	Unknown/NA	5	10.00
	Stage I	7	14.00
	Stage II	5	10.00
	Stage III	10	20.00
	Stage IV	23	46.00
Stomach	Unknown/NA	25	20.83
	Stage I	25	20.83
	Stage II	10	8.33
	Stage III	13	10.83
	Stage IV	47	39.17
Colon excluding rectum	Unknown/NA	30	5.45
	Stage 0	7	1.27
	Stage I	88	16.00
	Stage II	172	31.27
	Stage III	143	26.00
	Stage IV	110	20.00
Rectum and rectosigmoid	Unknown/NA	22	7.21
	Stage 0	9	2.95
	Stage II	71	23.28
	Stage I	69	22.62
	Stage III	87	28.52
	Stage IV	47	15.41
Liver	Unknown/NA	8	15.09
	Stage I	17	32.08
	Stage II	7	13.21
	Stage III	13	24.53
	Stage IV	8	15.09

Site	Stage	Frequency	Percent
Pancreas	Unknown/NA	12	8.05
	Stage I	16	10.74
	Stage II	23	15.44
	Stage III	14	9.40
	Stage IV	84	56.38
Lung and bronchus	Unknown/NA	43	4.94
	Occult carcinoma	8	0.92
	Stage I	200	22.96
	Stage II	30	3.44
	Stage III	213	24.45
	Stage IV	377	43.28
Melanomas of the skin	Unknown/NA	2	1.14
	Stage I	108	61.71
	Stage II	40	22.86
	Stage III	12	6.86
	Stage IV	13	7.43
Breast	Unknown/NA	28	3.32
	Stage I	358	42.47
	Stage II	297	35.23
	Stage III	106	12.57
	Stage IV	54	6.41
Cervix uteri	Unknown/NA	6	12.00
	Stage I	23	46.00
	Stage II	7	14.00
	Stage III	8	16.00
	Stage IV	6	12.00
Corpus uteri	Unknown/NA	15	7.81
	Stage I	120	62.50
	Stage II	26	13.54
	Stage III	23	11.98
	Stage IV	8	4.17

Site	Stage	Frequency	Percent
Ovary	Unknown/NA	9	10.34
	Stage I	20	22.99
	Stage II	10	11.49
	Stage III	29	33.33
	Stage IV	19	21.84
Prostate	Unknown/NA	13	2.20
	Stage I	1	0.17
	Stage II	452	76.61
	Stage III	57	9.66
	Stage IV	67	11.36
Bladder	Unknown/NA	11	8.53
	Stage I	57	44.19
	Stage II	30	23.26
	Stage III	15	11.63
	Stage IV	16	12.40
Kidney	Unknown/NA	7	4.46
	Stage I	104	66.24
	Stage II	19	12.10
	Stage III	27	17.20
	Stage IV	0	0.00
Thyroid	Unknown/NA	2	1.45
	Stage I	96	69.57
	Stage II	11	7.97
	Stage III	12	8.70
	Stage IV	17	12.32
Non-Hodgkin's lymphoma	Unknown/NA	6	2.27
	Stage I	68	25.76
	Stage II	53	20.08
	Stage III	45	17.05
	Stage IV	92	34.85

*In keeping with international coding conventions, all invasive brain tumours, multiple myeloma, and leukemia are considered unstageable using the collaborative staging system utilized by all population-based North American Cancer Registries.

Appendix 4:**INTERNATIONAL CLASSIFICATION OF DISEASES FOR ONCOLOGY****3rd EDITION**

Primary Site	Site/ Cell type
Buccal cavity and pharynx	C00:C14
Lip	C000:C009
Tongue	C019:C029
Major salivary gland	C079:C089
Floor of mouth	C040:C049
Gum and other mouth	C030:C039, C050:C059, C060:C069
Nasopharynx	C110:C119
Oropharynx	C100:C109
Hypopharynx	C129, C130:C139
Other buccal cavity and pharynx	C090:C099, C140, C142:C148
Digestive system	C15:C26
Esophagus	C150:C159
Stomach	C160:C169
Small intestine	C170:C179
Colon excluding rectum	C180:C189, C260
Rectum and Rectosigmoid	C199, C209
Anus	C210:C212, C218
Liver	C220
Gallbladder	C239
Pancreas	C250:C259
Other digestive system	C240:C249, C221, C480, C481:C482, C268:C269, C488
Respiratory system	C30:C39
Larynx	C320:C329
Lung and bronchus	C340:C349
Other respiratory system	C300:C301, C310:C319, C384, C339, C381:C383, C388, C390:C399
Bones and joints	C400:C419
Soft tissue (including heart)	C380, C470:C479, C490:C499

Primary Site	Site/ Cell type
Mesothelioma	types 9050:9055
Kaposi sarcoma	types 9140
Skin	C44
Melanomas of the skin	C440:C449 (types 8720:8790)
Other skin	C440:C449
Breast	C500:C509
Female genital system	C51:C58
Cervix uteri	C530:C539
Corpus uteri	C540:C549
Uterus, NOS	C559
Ovary	C569
Other female genital system	C529, C510:C519, C570:C589
Male genital system	C60:C63
Prostate	C619
Testis	C620:C629
Penis	C600:C609
Other male genital system	C630:C639
Urinary system	C64:C68
Bladder (incl. in situ)	C670:C679
Kidney and renal pelvis	C649, C659
Ureter	C669
Other urinary system	C680:C689
Eye	C690:C699
Brain and other nervous system	C70:C72
Brain	C710:C719
Other nervous system	C710:C719 (type 953), C700:C709 C720:C729
Endocrine	C73:C75
Thyroid	C739
Other endocrine	C379, C740:C749, C750:C759
Lymphomas	C77

Primary Site	Site/ Cell type
Hodgkin disease	types 9650:9667
Non-Hodgkin lymphoma	types 9590:9596, 9670:9719, 9727:9729 type 9823, all sites except C420, C421, C424 type 9827, all sites except C420, C421, C424
Multiple myeloma	C421, types 9731:9732, 9734
Leukemias	C42
Acute lymphocytic	types 9826, 9835:9837
Chronic lymphocytic	C420(type 9823), C421 (type 9823), C421 (type 9823), C424 (type 9823)
Acute myeloid	types 9840, 9861, 9866, 9867, 9871:9874, 9895:9897, 9910, 9920
Chronic myeloid	types 9863, 9875, 9876, 9945, 9946
Other	types 9733, 9742, 9800, 9801, 9805, 9820, 9831, 9832:9834, 9860, 9870, 9891, 9930, 9931, 9940, 9948, 9963, 9964 C420 (type 9827), C421 (type 9827), C424 (type 9827)
Other, ill-defined, and unknown	types 9740,9741, 9750:9758, 9760:9769, 9950:9962, 9970:9989 C760:C768, (types 8000:9589) C809 (types 8000:9589) C420:C424 (types 8000:9589) C770:C779 (types 8000:9589)