



# Cancer Report 2009

ศูนย์การแพทย์สมเด็จพระเทพรัตน  
*Somdech Phra Debaratana Medical Center*

RAMATHIBODI CANCER REGISTRY

Faculty of Medicine, Ramathibodi Hospital,

Mahidol University, Bangkok, Thailand

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# RAMATHIBODI CANCER REPORT

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Faculty of Medicine, Ramathibodi Hospital

Mahidol University



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Nintita	Sripaiboonkij, MPH (Biostatistics)	Medical Informatics
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## INTRODUCTION

Ramathibodi Cancer Registry 2009 is the result of the fruitful collaboration between units and departments of the faculty of medicine, Ramathibodi Hospital, Mahidol University.

I would like to thank all of our collaborators for their help in providing data presented in this volume of Cancer Registry.

Ramathibodi Cancer Registry unit provides the hospital-based cancer data of new cancer cases each year. This data provides important base information in the field of research and policy making.

I hope that the data from this Cancer Registry will benefit health personals, physicians, medical students researchers, patients, relatives and eventually general population.

Assoc. Prof. Thanya Subhadharaphandhu, M.D.

Director of Ramathibodi Hospital  
Faculty of medicine, Ramathibodi Hospital  
Mahidol University





## ACKNOWLEDGEMENTS

**We would like to express our gratitude to:**

The dean of Faculty of Medicine Ramathibodi Hospital; Prof Rajata Rajatanavin, for his support and providing resources for this Cancer Registry.

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The director of Ramathibodi Hospital and chairman of Ramathibodi Hospital Cancer Committee, Assoc. Prof Than Subhadharaphandhu for all his support and advise.

The Ramathibodi Hospital Cancer Committee members and Cancer Registry Committee members for their hard work in contribution to the preparation of the Cancer Registry manuscript.

Medical Informatics unit staffs of the Faculty of Medicine, Ramathibodi Hospital for their continuous support in the data collection.

And finally, we would like to give a special thank to the Cancer Registry Coordinators and her team team who have pushed their maximum efforts in contribution to the good quality cancer data.

Prof. Sarikapan Wilailak, M.D.

Chairman, Cancer Registry Committee  
Ramathibodi hospital, Mahidol University



# CHAPTER I

## REGISTRY PROCEDURE AND STATISTICAL METHODS

### 1.1 Purpose of the registry

The Ramathibodi Cancer Registry (RCR) is a hospital-based cancer registry. The epidemiology including incidence and survival data of all cancer patients who are diagnosed and/or treated for cancer in the Ramathibodi hospital are collected. The objectives of the RCR are to:

- determine the incidence of cancer in Ramathibodi hospital with demographic and social characteristics.
- evaluate the outcome including the survival and prognostic factors affecting the survival and mortality.
- provide data in planning of effectively plan services, prevention measure and intervention strategies.
- provide a database and serve as a resource in conducting epidemiologic studies.
- provide data to assist public health officers and hospital administrators in delivering health policy.

### 1.2 Data collection

Each department in Ramathibodi hospital including surgical out patient, radiation outpatient and pathology laboratory are responsible in completing all data on cancer diagnosed and treated within six months of diagnosis. Sources for identifying eligible cases include:

- all types of malignancies including skin cancer, pre-invasive cancer or carcinoma in situ, neoplasm with malignant potential
- all types of myeloproliferative disorders
- all types of malignant histiocytosis
- carcinomatosis peritonei without detectable primary
- thymoma-both benign and malignant
- all type of CNS tumors (intracranial & spinal cord) both benign and malignant
- gastrointestinal stomach tumor



#### Exclusion criteria

- Benign tumors
- Pre-malignant

Remarks: When a cancer case is reported from more than one department, the information is consolidated into one record

#### Reported cases contain the following data:

- Patient characteristics (including demographic data at the time of cancer diagnosis)
- Descriptive data of cancer (including date of diagnosis, primary site\*, histology, metastatic sites, extent of disease, staging etc.)

\* Primary site, behavior, grade, and histology were coded

### 1.3 Statistical Methods

#### Morphologically Verified Cases (%MV):

The percentage of cases, researchers whose diagnosis, were based on cytology or histology examination of tissue from primary site or metastasis site, peripheral blood and bone marrow aspiration, including autopsy specimens.

#### Childhood cancer:

The results for cancer in the childhood are presented according to the diagnostic groups defined in "International Classification of Childhood Cancer 1996". This was done by simply adding together the cases in age between 0-14 years old.



## CHAPTER II

### OVERALL CANCERS

**Table 2.1** Most valid method of diagnosis.

Basis of diagnosis	Number	Percentage
Clinical only	10	0.3
Clinical investigation/imaging	21	0.7
Surgery/operative finding	94	3.2
Biochem/immunohistochem test	2	0.1
Cytology or Hematology	434	15.0
Histology or metastasis	184	6.3
Histology of primary	2,158	74.3
<b>Total</b>	<b>2,903</b>	<b>100.0</b>

**Figure 2.1** Most valid method of diagnosis.

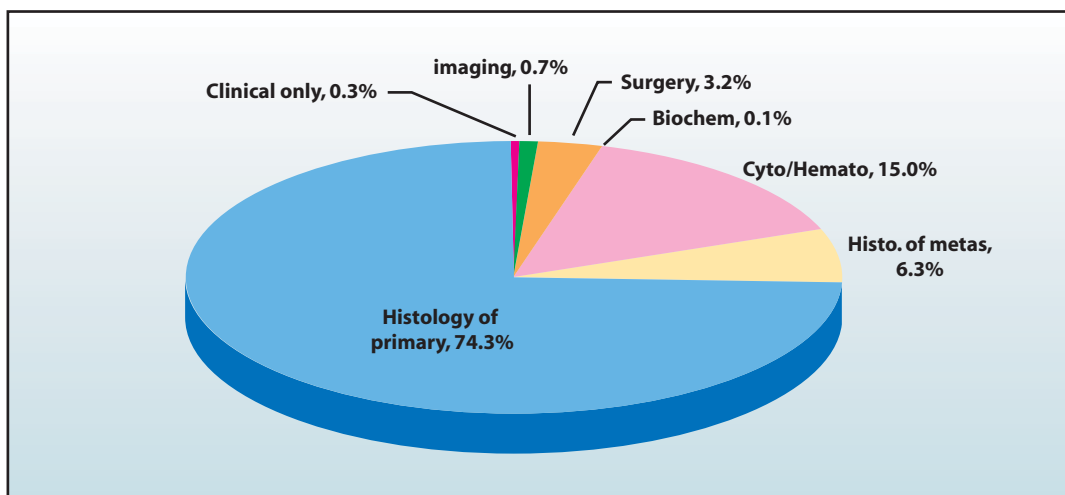


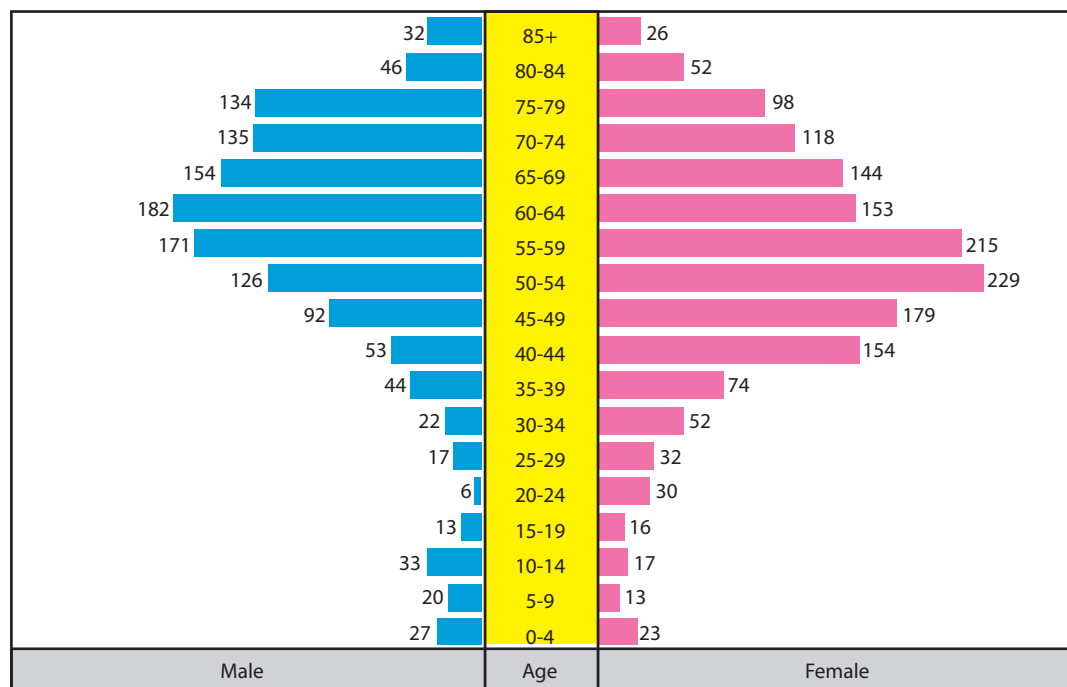


Table 2.2 Number of cancer cases by age and sex, 2009

Age group	Male		Female		Both sexes	
	Number	%	Number	%	Number	%
0-4	27	2.07	23	1.42	50	1.71
5-9	20	1.53	13	0.80	33	1.13
10-14	33	2.52	17	1.05	50	1.71
15-19	13	0.99	16	0.98	29	0.99
20-24	6	0.46	30	1.85	36	1.23
25-29	17	1.30	32	1.97	49	1.67
30-34	22	1.68	52	3.20	74	2.52
35-39	44	3.37	74	4.55	118	4.02
40-44	53	4.06	154	9.48	207	7.06
45-49	92	7.04	179	11.02	271	9.24
50-54	126	9.64	229	14.09	355	12.11
55-59	171	13.08	215	13.23	386	13.17
60-64	182	13.93	153	9.42	335	11.43
65-69	154	11.78	144	8.86	298	10.16
70-74	135	10.33	118	7.26	253	8.63
75-79	134	10.25	98	6.03	232	7.91
80-84	46	3.52	52	3.20	98	3.34
85+	32	2.45	26	1.60	58	1.98
<b>Total</b>	<b>1,307</b>	<b>100.00</b>	<b>1,625</b>	<b>100.00</b>	<b>2,932</b>	<b>100.00</b>
<b>Mean</b>		<b>57.24</b>		<b>53.72</b>		<b>55.25</b>
<b>S.D.</b>		<b>18.8</b>		<b>17</b>		<b>17.9</b>



Figure 2.2 patient pyramids by sex and age group, 2009





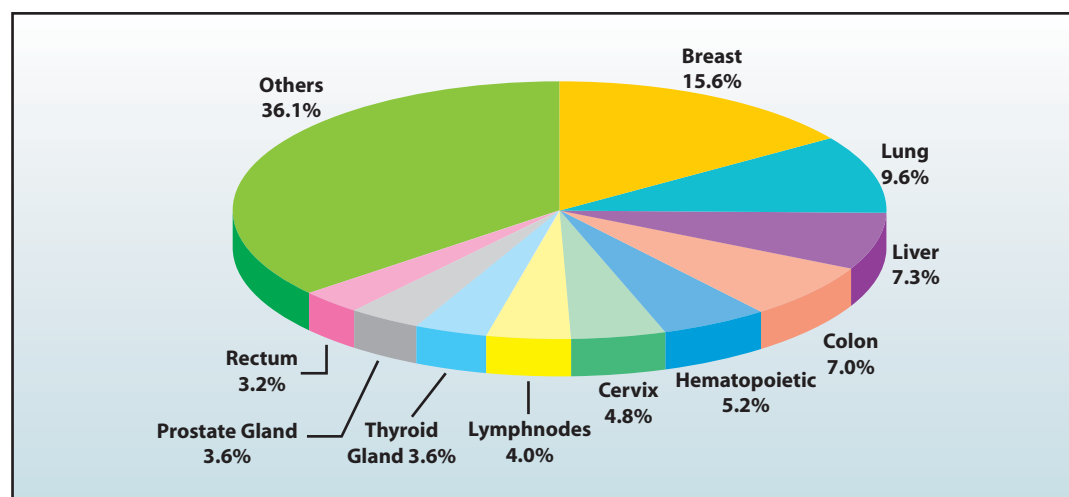
## CHAPTER III

### 2009 TEN LEADING SITES OF CANCER

**Table 3.1.1** Ten leading sites of cancer in both sexes.

Site	ICD-O	Number of cases	%
1. BREAST	C50	458	15.57
2. LUNG AND BRONCHUS	C34	282	9.59
3. LIVER AND INTRAHEPATIC BILE DUCTS	C22	215	7.31
4. COLON	C18	207	7.04
5. HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	C42	152	5.17
6. CERVIX UTERI	C53	142	4.83
7. LYMPH NODES	C77	117	3.98
8. THYROID GLAND	C73	107	3.64
9. PROSTATE GLAND	C61	107	3.64
10. RECTUM	C20	93	3.16
11. Others		1,061	36.08
<b>Total</b>		<b>2,941</b>	<b>100.00</b>

**Figure 3.1.1** Ten leading sites of cancer in both sexes

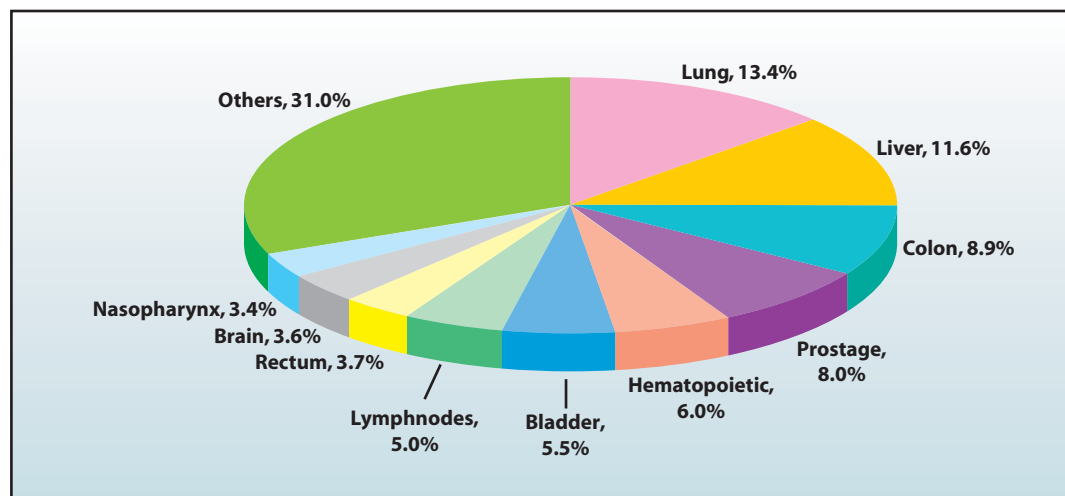




**Table 3.1.2** Ten leading sites of cancer in male.

Site	ICD-O	Number of cases	%
1. LUNG AND BRONCHUS	C34	175	13.39
2. LIVER AND INTRAHEPATIC BILE DUCTS	C22	152	11.63
3. COLON	C18	116	8.88
4. PROSTATE GLAND	C61	105	8.03
5. HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	C42	78	5.97
6. URINARY BLADDER	C67	72	5.51
7. LYMPH NODES	C77	65	4.97
8. RECTUM	C20	48	3.67
9. BRAIN	C71	47	3.60
10. NASOPHARYNX	C11	44	3.37
11. Others		405	30.99
<b>Total</b>		<b>1,307</b>	<b>100.00</b>

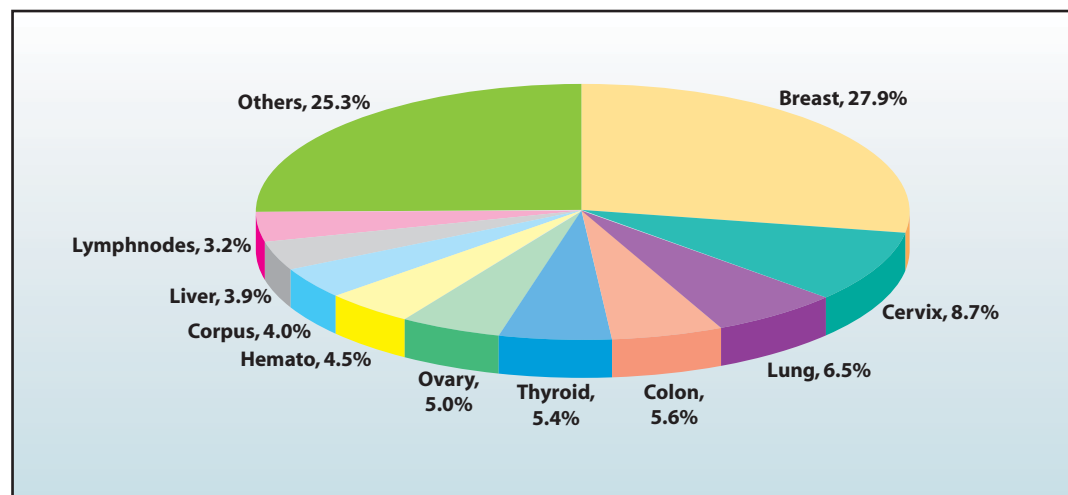
**Figure 3.1.2** Ten leading sites of cancer in male.





**Table 3.1.3** Ten leading sites of cancer in female.

Site	ICD-O	Number of cases	%
1. BREAST	C50	453	27.86
2. CERVIX UTERI	C53	142	8.73
3. LUNG AND BRONCHUS	C34	106	6.52
4. COLON	C18	91	5.60
5. THYROID GLAND	C73	87	5.35
6. OVARY	C56	82	5.04
7. HEMATOPOIETIC	C42	73	4.49
8. CORPUS UTERI	C54	65	4.00
9. LIVER AND BILE DUCT	C22	63	3.87
10. LYMPH NODES	C77	52	3.20
11. Others		412	25.34
<b>Total</b>		<b>1,626</b>	<b>100.00</b>

**Figure 3.1.3** Ten leading sites of cancer in female

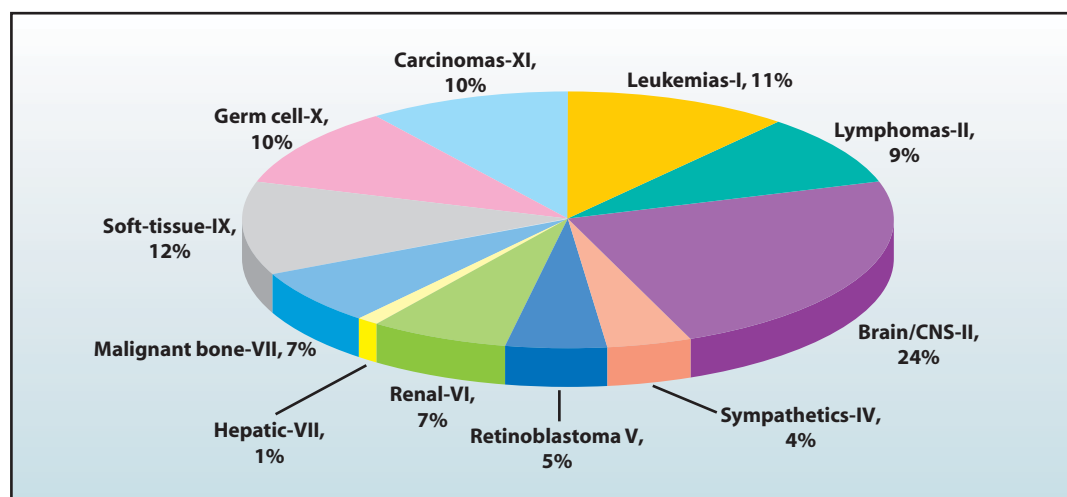


**Table 3.1.4** Sites of cancer in children by ICCC\*, age<15, both sexes.

Site	Male		Female		Total	
	Number	%	Number	%	Number	%
Leukemias-I	7	11.67	4	10.00	11	11.00
Lymphomas-II	6	10.00	3	7.50	9	9.00
Brain/CNS-III	11	18.33	13	32.50	24	24.00
Sympathetics NER-IV	2	3.33	2	5.00	4	4.00
Retinoblastoma-V	2	3.33	3	7.50	5	5.00
Renal-VI	4	6.67	3	7.50	7	7.00
Hepatic-VII	1	1.67	0	0.00	1	1.00
Malignant bone-VIII	7	11.67	0	0.00	7	7.00
Soft-tissue-IX	8	13.33	4	10.00	12	12.00
Germ cell-X	8	13.33	2	5.00	10	10.00
Carcinomas-XI	4	6.67	6	15.00	10	10.00
Others-XII	0	0.00	0	0.00	0	0.00
<b>Total</b>	<b>60</b>	<b>100.00</b>	<b>40</b>	<b>100.00</b>	<b>100</b>	<b>100.00</b>

\* ICCC: International Childhood Cancer Classification

**Figure 3.1.4** Sites of cancer in children by ICCC, age<15, both sexes





## CHAPTER IV

### RAMATHIBODI CANCER REGISTRY

**Table 4.1** All sites of cancer in 2009

Site	Male		Female		Total		ICD O
	N	(%)	N	(%)	N	(%)	
Lip	0	0.00	7	0.43	7	0.24	C00
Tongue	27	2.08	12	0.74	39	1.34	C01-C02
Mouth	21	1.62	16	0.99	37	1.27	C03-C06
Salivary gland	5	0.38	6	0.37	11	0.38	C07-C08
Oropharynx	15	1.15	3	0.19	18	0.62	C09-C10
Nasopharynx	44	3.39	19	1.17	63	2.16	C11
Hypopharynx	33	2.54	1	0.06	34	1.16	C12-C13
Esophagus	26	2.00	7	0.43	33	1.13	C15
Stomach	29	2.23	32	1.97	61	2.09	C16
Small intestine	4	0.31	6	0.37	10	0.34	C17
Colon	116	8.93	91	5.61	207	7.09	C18
Rectum	66	5.08	56	3.45	122	4.18	C19-C21
Liver	152	11.70	63	3.89	215	7.36	C22
Gallbladder and other parts of biliary tract	13	1.00	18	1.11	31	1.06	C23-C24
Pancreas	17	1.31	20	1.23	37	1.27	C25
Nose, sinuses etc.	11	0.85	11	0.68	22	0.75	C30-C31
Larynx	27	2.08	2	0.12	29	0.99	C32
Trachea, Bronchus & lung	175	13.47	106	6.54	281	9.62	C33-C34
Thymus mediastinum	10	0.77	6	0.37	16	0.55	C37-C38
Bone	17	1.31	10	0.62	27	0.92	C40-C41
Haematopoietic and Reticuloendothelial	78	6.00	73	4.50	151	5.17	C42
Melanoma of skin	1	0.08	0	0.00	1	0.03	C43
Other skin	20	1.54	33	2.04	53	1.82	C44
Retroperitoneum and peritoneum	2	0.15	4	0.25	6	0.21	C48



Site	Male		Female		Total		ICD O
	N	(%)	N	(%)	N	(%)	
Connective, Subcu. & Soft tissue	14	1.08	12	0.74	26	0.89	C49
Breast	3	0.23	453	27.95	456	15.62	C50
Other female genital	0	0.00	12	0.74	12	0.41	C51,C52, C57
Cervix uteri	0	0.00	142	8.76	142	4.86	C53
Corpus uteri	0	0.00	65	4.01	65	2.23	C54
Uterus unspecified	0	0.00	4	0.25	4	0.14	C55
Ovary	0	0.00	82	5.06	82	2.81	C56
Placenta	0	0.00	2	0.12	2	0.07	C58
Penis	9	0.69	0	0.00	9	0.31	C60
Prostate	105	8.08	2	0.12	107	3.66	C61
Testis	3	0.23	0	0.00	3	0.10	C62
Bladder	72	5.54	12	0.74	84	2.88	C67
Kidney etc	23	1.77	28	1.73	51	1.75	C64-C66, C68
Eye	6	0.46	6	0.37	12	0.41	C69
Meninges	0	0.00	2	0.12	2	0.07	C70
Brain, nervous system	47	3.62	34	2.10	81	2.77	C71
Spinal cord and nervous system	3	0.23	1	0.06	4	0.14	C72
Thyroid	17	1.31	87	5.37	104	3.56	C73
Adrenal gland	4	0.31	7	0.43	11	0.38	C74
Other endocrine gland	3	0.23	1	0.06	4	0.14	C75
Other and ill-defined site	1	0.08	0	0.00	1	0.03	C76
Lymphnodes	65	5.00	52	3.21	117	4.01	C77
Unknown primary site	15	1.15	15	0.93	30	1.03	C80
<b>All sites</b>	<b>1,299</b>	<b>100.00</b>	<b>1,621</b>	<b>100.00</b>	<b>2,920</b>	<b>100.00</b>	<b>ALL</b>

**Table 4.2** Percentage of morphologically verified (MV) out of total cases form each site

Site	Male		Female		Total		ICD O
	Case	%MV	Case	%MV	Case	%MV	
Lip	0	0.00	7	85.71	7	85.71	C00
Tongue	27	88.89	12	91.67	39	89.74	C01-C02
Mouth	21	90.48	16	100.00	37	94.59	C03-C06
Salivary gland	5	100.00	6	100.00	11	100.00	C07-C08
Oropharynx	15	100.00	3	100.00	18	100.00	C09-C10
Nasopharynx	44	93.18	19	100.00	63	95.24	C11
Hypopharynx	33	96.97	1	100.00	34	97.06	C12-C13
Pharynx unspecified	0	0.00	0	0.00	0	0.00	C14
Esophagus	26	96.15	7	100.00	33	96.97	C15
Stomach	29	100.00	32	96.88	61	98.36	C16
Small intestine	4	100.00	6	100.00	10	100.00	C17
Colon	116	97.41	91	95.60	207	96.62	C18
Rectum	66	100.00	56	100.00	122	100.00	C19-C21
Liver	152	72.37	63	74.60	215	73.02	C22
Gallbladder and other parts of biliary tract	13	100.00	18	88.89	31	93.55	C23-C24
Pancreas	17	88.24	20	85.00	37	86.49	C25
Nose, sinuses etc.	11	100.00	11	81.82	22	90.91	C30-C31
Larynx	27	96.30	2	100.00	29	96.55	C32
Trachea,Bronchus& lung	175	95.43	106	94.34	281	95.02	C33-C34
Thymus mediastinum	10	100.00	6	100.00	16	100.00	C37-C38
Bone	17	88.24	10	80.00	27	85.19	C40-C41
Haematopoetic and Reticuloendothelial	78	93.59	73	97.26	151	95.36	C42
Melanoma of skin	1	100.00	0	0.00	1	100.00	C43
Other skin	20	95.00	33	100.00	53	98.11	C44
Peripheral and Autonomic nervous	0	0.00	0	0.00	0	0.00	C47
Retroperitonium and peritoneum	2	100.00	4	75.00	6	83.33	C48
Connective, Subcu.& Soft tissue	14	100.00	12	91.67	26	96.15	C49



Site	Male		Female		Total		ICD O
	Case	%MV	Case	%MV	Case	%MV	
Breast	3	100.00	453	98.45	456	98.46	C50
Other female genital	0	0.00	12	91.67	12	91.67	C51,C52, C57
Cervix uteri	0	0.00	142	97.89	142	97.89	C53
Corpus uteri	0	0.00	65	98.46	65	98.46	C54
Uterus unspecified	0	0.00	4	75.00	4	75.00	C55
Ovary	0	0.00	82	97.56	82	97.56	C56
Placenta	0	0.00	2	100.00	2	100.00	C58
Penis	9	100.00	0	0.00	9	100.00	C60
Prostate	105	96.19	2	100.00	107	96.26	C61
Testis	3	100.00	0	0.00	3	100.00	C62
Bladder	72	94.44	12	83.33	84	92.86	C67
Kidney etc	23	91.30	28	89.29	51	90.20	C64- C66,C68
Eye	6	100.00	6	50.00	12	75.00	C69
Meninges	0	0.00	2	100.00	2	100.00	C70
Brain, nervous system	47	91.49	34	94.12	81	92.59	C71
Spinal cord and nervous system	3	100.00	1	100.00	4	100.00	C72
Thyroid	17	100.00	87	95.40	104	96.15	C73
Adrenal gland	4	100.00	7	100.00	11	100.00	C74
Other endocrine gland	3	100.00	1	100.00	4	100.00	C75
Other and ill-defined site	1	100.00	0	0.00	1	100.00	C76
Lymphnodes	65	95.38	52	94.23	117	94.87	C77
Unknown primary site	15	100.00	15	100.00	30	100.00	C80
All sites	1,299	93.61	1,621	95.74	2,920	94.79	ALL



Table 4.3 Number of cancer case by site, sex and age

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>GRAND TOTAL</b>																					
M	1,307	27	20	33	13	6	17	22	44	53	92	126	171	182	154	135	134	46	32	57.24	18.8
F	1,625	23	13	17	16	30	32	52	74	154	179	229	215	153	144	118	98	52	26	53.72	17.0
T	2,932	50	33	50	29	36	49	74	118	207	271	355	386	335	298	253	232	98	58	55.25	17.9
<b>C00 LIP</b>																					
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	3	0	72.71	8.98
T	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	3	0	72.71	8.98
<b>C01 BASE OF TONGUE</b>																					
M	12	0	0	0	0	0	0	0	0	0	1	2	5	3	0	1	0	0	0	57	5.91
F	5	0	0	0	0	0	0	0	0	0	0	3	0	0	2	0	0	0	0	58.6	6.77
T	17	0	0	0	0	0	0	0	0	0	1	5	5	3	2	1	0	0	0	57.47	6.0
<b>C02 OTHER AND UNSPECIFIED PART OF TONGUE</b>																					
M	15	0	0	0	0	0	0	0	1	1	3	1	3	2	1	1	1	0	1	58.6	13.6
F	7	0	0	0	0	1	0	0	0	0	1	1	0	0	1	2	1	0	0	57.57	18.9
T	22	0	0	0	0	1	0	0	1	1	4	2	3	2	2	3	2	0	1	58.27	15.0
<b>C03 GUM</b>																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	65.5	3.54
F	8	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	0	1	1	69.5	11.5
T	10	0	0	0	0	0	0	0	0	0	0	0	1	2	4	1	0	1	1	68.7	10.3
<b>C04 FLOOR OF MOUTH</b>																					
M	8	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	2	0	67.13	11.9
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
T	8	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	2	0	67.13	11.9
<b>C05 PALATE</b>																					
M	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	0	74	11.0
F	4	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	67	8.04
T	9	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	70.89	9.92
<b>C06 OTHER AND UNSPECIFIED PART OF MOUTH</b>																					
M	6	0	0	0	0	0	0	1	0	0	0	0	1	2	0	2	0	0	0	59.17	14.4
F	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	73.25	5.32
T	10	0	0	0	0	0	0	1	0	0	0	0	1	2	1	4	0	1	0	64.8	13.4
<b>C07 PAROTID GLAND</b>																					
M	5	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	1	0	53.2	17.7
F	6	0	0	0	0	0	1	0	0	1	1	0	2	1	0	0	0	0	0	48.17	13.1
T	11	0	0	0	0	0	1	0	2	1	1	0	4	1	0	0	0	1	0	50.45	14.8



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS</b>																					
M	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	61	12.1
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	68	0.0
T	4	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	62.75	10.5
<b>C09 TONSIL</b>																					
M	11	0	0	0	0	0	0	0	0	0	1	1	3	0	3	2	0	0	1	64.27	11.3
F	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	63.67	11.7
T	14	0	0	0	0	0	0	0	0	0	1	1	5	0	3	2	1	0	1	64.14	10.9
<b>C10 OROPHARYNX</b>																					
M	4	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	54.25	15.4
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
T	4	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	54.25	15.4
<b>C11 NASOPHARYNX</b>																					
M	44	0	3	0	0	0	0	2	5	4	9	8	1	2	6	1	3	0	0	49.27	16.6
F	19	0	0	0	0	0	1	0	1	3	8	1	1	2	2	0	0	0	0	49.84	10.3
T	63	0	3	0	0	0	1	2	6	7	17	9	2	4	8	1	3	0	0	49.44	14.9
<b>C12 PYRIFORM SINUS</b>																					
M	24	0	0	0	0	0	0	0	0	2	1	4	1	9	1	3	1	2	0	61.92	10.5
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
T	24	0	0	0	0	0	0	0	0	2	1	4	1	9	1	3	1	2	0	61.92	10.5
<b>C13 HYPOPHARYNX</b>																					
M	9	0	0	0	0	0	0	0	0	1	0	0	2	3	0	0	3	0	0	63.44	11.7
F	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0.0
T	10	0	0	0	1	0	0	0	0	1	0	0	2	3	0	0	3	0	0	58.8	18.4
<b>C15 ESOPHAGUS</b>																					
M	26	0	0	0	0	0	0	0	0	1	1	2	5	11	0	3	1	1	1	62.19	10.7
F	7	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	0	71.43	9.52
T	33	0	0	0	0	0	0	0	0	1	1	2	6	12	1	4	2	3	1	64.15	11.0
<b>C16 STOMACH</b>																					
M	29	0	0	0	0	0	0	0	0	4	6	0	3	3	5	3	2	1	2	60.41	14.4
F	32	0	0	0	1	0	0	1	2	2	1	1	6	2	2	5	4	2	3	62.47	18.0
T	61	0	0	0	1	0	0	1	2	6	7	1	9	5	7	8	6	3	5	61.49	16.3
<b>C17 SMALL INTESTINE</b>																					
M	4	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	0	53.75	21.8
F	6	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	1	1	68.5	13.3
T	10	0	0	0	0	0	1	0	0	1	0	1	1	0	2	2	0	1	1	62.6	17.7





Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C18 COLON</b>																					
M	116	0	0	0	0	0	2	2	2	2	6	11	15	14	26	12	13	8	3	63.6	13.1
F	91	0	0	0	0	0	0	0	3	0	8	8	10	12	10	11	17	11	1	65.93	12.3
T	207	0	0	0	0	0	2	2	5	2	14	19	25	26	36	23	30	19	4	64.63	12.8
<b>C19 RECTOSIGMOID JUNCTION</b>																					
M	15	0	0	0	0	0	0	1	1	0	1	1	1	1	3	1	3	0	2	64.6	16.9
F	10	0	0	0	0	0	0	2	0	0	0	1	1	1	1	3	1	0	0	59.4	15.5
T	25	0	0	0	0	0	0	3	1	0	1	2	2	2	4	4	4	0	2	62.52	16.2
<b>C20 RECTUM</b>																					
M	48	0	0	0	0	0	0	0	1	2	3	4	6	5	6	4	13	4	0	65.6	12.5
F	45	0	0	0	0	0	1	3	5	0	3	15	6	5	2	2	1	2	0	53.62	12.8
T	93	0	0	0	0	0	1	3	6	2	6	19	12	10	8	6	14	6	0	59.81	14.0
<b>C21 ANUS AND ANAL CANAL</b>																					
M	3	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	51	11.0
F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	59	0.0
T	4	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	53	9.83
<b>C22 LIVER AND INTRAHEPATIC BILE DUCTS</b>																					
M	152	0	0	1	0	0	0	0	2	5	16	31	32	22	15	14	13	1	0	58.92	10.5
F	63	0	0	0	2	0	0	0	2	3	8	8	11	10	9	3	4	2	1	57.94	13.8
T	215	0	0	1	2	0	0	0	4	8	24	39	43	32	24	17	17	3	1	58.63	11.5
<b>C23 GALLBLADDER</b>																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	72.5	3.54
F	8	0	0	0	0	0	0	0	0	1	0	2	1	0	0	1	2	1	0	64	14.5
T	10	0	0	0	0	0	0	0	0	1	0	2	1	0	0	2	3	1	0	65.7	13.4
<b>C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT</b>																					
M	11	0	0	0	0	0	0	0	0	0	2	0	2	2	3	2	0	0	0	61.18	8.54
F	10	0	0	0	0	0	0	0	0	0	0	2	3	0	1	1	3	0	0	64.4	10.1
T	21	0	0	0	0	0	0	0	0	0	2	2	5	2	4	3	3	0	0	62.71	9.24
<b>C25 PANCREAS</b>																					
M	17	1	0	0	0	0	0	1	0	0	2	3	3	3	2	0	1	0	1	55.41	18.0
F	20	0	0	0	0	0	0	0	1	2	2	1	0	2	3	4	1	1	3	65.45	16.3
T	37	1	0	0	0	0	0	1	1	2	4	4	3	5	5	4	2	1	4	60.84	17.6
<b>C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER</b>																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	77	2.83
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	67	0.0
T	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	73.67	6.11



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C30 NASAL CAVITY AND MIDDLE EAR</b>																					
M	10	0	0	0	0	0	1	0	4	1	2	1	0	0	1	0	0	0	0	43.2	11.7
F	4	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	1	0	0	53.75	22.1
T	14	0	0	0	0	0	2	0	4	1	2	1	2	0	1	0	1	0	0	46.21	15.3
<b>C31 ACCESSORY SINUSES</b>																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	60	0.0
F	7	0	0	0	0	0	0	0	0	1	0	2	1	0	0	3	0	0	0	60.29	12.3
T	8	0	0	0	0	0	0	0	0	1	0	2	1	1	0	3	0	0	0	60.25	11.4
<b>C32 LARYNX</b>																					
M	27	0	0	0	0	0	0	0	1	2	6	1	3	4	0	5	4	1	0	60	13.2
F	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	62.5	6.36
T	29	0	0	0	0	0	0	0	1	2	6	1	4	4	1	5	4	1	0	60.17	12.8
<b>C34 LUNG AND BRONCHUS</b>																					
M	175	0	0	0	0	1	0	6	8	7	19	23	32	23	24	24	3	5	62.85	12.1	
F	106	0	0	0	0	3	0	2	4	3	4	17	13	16	12	14	13	4	1	60.67	13.8
T	281	0	0	0	0	3	1	2	10	11	11	36	36	48	35	38	37	7	6	61.95	12.8
<b>C37 THYMUS</b>																					
M	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	44	0.0
F	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.0
T	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	24	28.3
<b>C38 HEART, MEDIASTINUM AND PLEURA</b>																					
M	9	0	0	1	2	1	1	1	0	0	0	1	1	0	0	1	0	0	0	34.11	21.5
F	5	1	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	28.4	20.3
T	14	1	0	2	2	1	2	1	0	1	0	2	1	0	0	1	0	0	0	32.07	20.5
<b>C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS</b>																					
M	7	0	0	2	2	0	0	2	0	0	0	1	0	0	0	0	0	0	0	24.43	15.1
F	4	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0	0	0	48.25	21.1
T	11	0	0	2	2	1	0	2	0	0	1	1	1	0	0	1	0	0	0	33.09	20.4
<b>C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES</b>																					
M	10	0	3	2	0	0	0	0	0	0	0	1	3	0	1	0	0	0	0	33.9	25.8
F	6	1	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	1	40.83	30.8
T	16	1	3	2	1	0	1	0	0	0	0	2	4	0	1	0	0	0	1	36.5	27.0
<b>C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS</b>																					
M	78	14	3	8	5	2	2	2	1	2	7	3	7	4	7	3	4	1	3	38.33	27.9
F	72	5	5	3	1	4	1	4	2	2	5	5	3	4	9	8	5	4	2	48.08	26.6
T	150	19	8	11	6	6	3	6	3	4	12	8	10	8	16	11	9	5	5	42.99	27.6



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C44 SKIN</b>																					
M	20	0	0	1	0	0	1	0	0	2	0	1	2	2	3	2	3	2	1	61.65	19.0
F	33	0	0	0	0	2	0	0	0	1	0	0	2	2	5	10	5	3	3	68.91	15.7
T	53	0	0	1	0	2	1	0	0	3	0	1	4	4	8	12	8	5	4	66.17	17.2
<b>C48 RETROPERITONEUM AND PERITONEUM</b>																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	63	4.24
F	4	0	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0	0	0	43.75	17.1
T	6	0	0	0	0	1	0	0	0	1	0	1	0	2	1	0	0	0	0	50.17	16.6
<b>C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES</b>																					
M	14	0	2	0	0	0	1	1	1	2	1	3	1	1	0	1	0	0	0	41.29	19.4
F	12	1	1	0	0	1	1	0	1	0	0	1	2	2	1	0	0	0	1	44	25.9
T	26	1	3	0	0	1	2	1	2	2	1	4	3	3	1	1	0	0	1	42.54	22.2
<b>C50 BREAST</b>																					
M	3	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	57	17.8
F	499	0	0	1	1	3	6	8	33	75	89	86	84	35	31	25	18	2	2	52.28	11.4
T	502	0	0	1	1	3	6	8	33	76	89	87	84	35	31	25	19	2	2	52.26	11.5
<b>C51 VULVA</b>																					
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	4	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	57.5	17.0
T	4	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	57.5	17.0
<b>C52 VAGINA</b>																					
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	58	36.8
T	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	58	36.8
<b>C53 CERVIX UTERI</b>																					
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	142	0	0	0	0	0	2	7	5	25	18	30	18	16	10	3	3	4	1	52.65	12.0
T	142	0	0	0	0	0	2	7	5	25	18	30	18	16	10	3	3	4	1	52.65	12.0
<b>C54 CORPUS UTERI</b>																					
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	65	0	0	0	0	0	0	3	1	2	13	8	13	11	8	3	2	1	0	56.46	10.4
T	65	0	0	0	0	0	0	3	1	2	13	8	13	11	8	3	2	1	0	56.46	10.4
<b>C55 UTERUS, NOS</b>																					
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	4	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	0	0	60.25	25.1
T	4	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	0	0	60.25	25.1
<b>C56 OVARY</b>																					
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	82	0	0	0	2	1	2	3	3	13	15	12	12	9	5	3	2	0	0	50.32	12.5
T	82	0	0	0	2	1	2	3	3	13	15	12	12	9	5	3	2	0	0	50.32	12.5



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.	
<b>C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS</b>																						
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
F	6	0	0	0	0	1	0	0	0	1	0	1	0	2	1	0	0	0	0	0	52.67	17.0
T	6	0	0	0	0	1	0	0	0	1	0	1	0	2	1	0	0	0	0	0	52.67	17.0
<b>C58 PLACENTA</b>																						
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	22	5.66
T	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	22	5.66
<b>C60 PENIS</b>																						
M	9	0	0	0	0	0	2	0	1	0	0	2	1	2	1	0	0	0	0	0	50.33	15.5
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
T	9	0	0	0	0	0	2	0	1	0	0	2	1	2	1	0	0	0	0	0	50.33	15.5
<b>C61 PROSTATE GLAND</b>																						
M	105	1	0	0	0	0	0	0	0	0	1	1	7	23	21	24	17	7	3	68.72	10.1	
F	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	27	38.2
T	107	2	0	0	0	0	0	0	0	0	1	2	7	23	21	24	17	7	3	67.94	12.1	
<b>C62 TESTIS</b>																						
M	3	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	34	7.21
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
T	3	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	34	7.21
<b>C63 EPIDIDYMIS, SPERMATIC CORD, MALE GENITAL ORGANS</b>																						
M	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	63.5	3.54
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
T	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	63.5	3.54
<b>C64 KIDNEY</b>																						
M	17	3	0	1	0	0	0	0	2	0	2	1	4	1	0	1	0	0	2	45.47	27.9	
F	19	3	1	0	0	0	2	0	0	2	2	0	2	2	1	2	2	0	0	44.42	26.7	
T	36	6	1	1	0	0	2	0	2	2	4	1	6	3	1	3	2	0	2	44.92	26.9	
<b>C65 RENAL PELVIS</b>																						
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	65	0.0	
F	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	67	22.6	
T	3	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	66.33	16.0	
<b>C66 URETER</b>																						
M	5	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	1	0	64.8	10.9	
F	7	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	0	2	0	69	9.71	
T	12	0	0	0	0	0	0	0	0	0	0	1	1	3	4	0	0	3	0	67.25	9.98	
<b>C67 URINARY BLADDER</b>																						
M	72	1	0	0	0	1	0	0	1	1	3	6	8	2	9	10	17	6	7	67.6	15.7	
F	12	0	0	0	0	0	0	0	1	0	0	0	1	1	3	3	2	0	1	67.5	11.9	
T	84	1	0	0	0	1	0	0	2	1	3	6	9	3	12	13	19	6	8	67.58	15.1	



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C69 EYE AND ADNEXA</b>																					
M	6	2	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	45	34.2
F	6	2	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	32.83	33.7
T	12	4	1	0	0	0	0	0	0	0	1	0	1	2	1	0	1	1	0	38.92	33.0
<b>C70 MENINGES</b>																					
M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	3	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	45.67	18.5
T	3	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	45.67	18.5
<b>C71 BRAIN</b>																					
M	52	5	6	10	1	0	0	2	6	2	2	4	2	7	1	3	0	1	0	34.13	24.7
F	45	7	2	8	1	0	1	2	1	6	1	4	3	4	1	1	1	1	1	35.2	25.6
T	97	12	8	18	2	0	1	4	7	8	3	8	5	11	2	4	1	2	1	34.68	24.8
<b>C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>																					
M	4	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	57.75	20.6
F	2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	40.5	24.8
T	6	0	0	0	0	1	1	0	0	0	0	0	2	0	1	0	1	0	0	52	21.3
<b>C73 THYROID GLAND</b>																					
M	17	0	0	0	1	1	0	3	0	1	3	1	5	1	1	0	0	0	0	45.35	14.0
F	87	0	1	2	3	5	9	11	9	11	4	12	10	5	3	2	0	0	0	41.79	14.9
T	104	0	1	2	4	6	9	14	9	12	7	13	15	6	4	2	0	0	0	42.31	14.6
<b>C74 ADRENAL GLAND</b>																					
M	4	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	37.5	30.7
F	7	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	0	1	35.29	31.0
T	11	1	2	1	1	0	0	0	1	0	0	2	1	0	1	0	0	0	1	36.09	29.3
<b>C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES</b>																					
M	3	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.33	3.79
F	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.0
T	4	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.25	3.59
<b>C76 OTHER AND ILL-DEFINED SITES</b>																					
M	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
T	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
<b>C77 LYMPH NODES</b>																					
M	65	0	1	5	1	1	3	2	8	4	2	4	10	9	4	5	5	1	0	50.23	19.6
F	52	1	0	2	2	4	1	4	3	3	1	7	3	4	6	3	3	2	3	50.67	22.2
T	117	1	1	7	3	5	4	6	11	7	3	11	13	13	10	8	8	3	3	50.43	20.7
<b>C80 UNKNOWN PRIMARY SITE</b>																					
M	15	0	0	0	0	0	0	1	0	2	3	3	2	1	1	1	1	0	0	53.73	12.3
F	15	0	0	0	0	0	0	1	0	1	4	1	3	0	3	0	2	0	0	55.73	12.0
T	30	0	0	0	0	0	0	2	0	3	7	4	5	1	4	1	3	0	0	54.73	12.0



Table 4.4 Number of cancer case defined by pathology

ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C00 LIP</b>			
<b>C00.0 External upper lip</b>	0	3	3
M 8070/3 Squamous cell carcinoma, NOS	0	2	2
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
<b>C00.1 External lower lip</b>	0	2	2
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
<b>C00.9 Lip, NOS</b>	0	2	2
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
<b>C01 BASE OF TONGUE</b>			
<b>C01.9 Base of tongue, NOS</b>	12	5	17
M 8020/3 Carcinoma, undifferentiated, NOS	0	2	2
M 8070/3 Squamous cell carcinoma, NOS	12	2	14
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
<b>C02 OTHER AND UNSPECIFIED PART OF TONGUE</b>			
<b>C02.0 Dorsal surface of tongue, NOS</b>	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
<b>C02.1 Border of tongue</b>	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
<b>C02.2 Ventral surface of tongue, NOS</b>	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
<b>C02.3 Anterior 2/3 of tongue, NOS</b>	1	1	2
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
<b>C02.9 Tongue, NOS</b>	11	6	17
M 8070/3 Squamous cell carcinoma, NOS	8	2	10
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	3	4	7
<b>C03 GUM</b>			
<b>C03.0 Upper gum</b>	1	2	3
M 8070/3 Squamous cell carcinoma, NOS	1	1	2
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C03.1 Lower gum</b>	0	4	4
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
M 8200/3 Adenoid cystic carcinoma	0	1	1
<b>C03.9 Gum, NOS</b>	1	2	3
M 8070/3 Squamous cell carcinoma, NOS	1	2	3
<b>C04 FLOOR OF MOUTH</b>			
<b>C04.0 Anterior floor of mouth</b>	1	0	1
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
<b>C04.9 Floor of mouth, NOS</b>	7	0	7
M 8070/3 Squamous cell carcinoma, NOS	5	0	5
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
<b>C05 PALATE</b>			
<b>C05.0 Hard palate</b>	1	3	4
M 8070/3 Squamous cell carcinoma, NOS	0	2	2
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
M 8090/3 Basal cell carcinoma, NOS	1	0	1
<b>C05.1 Soft palate, NOS</b>	4	1	5
M 8070/3 Squamous cell carcinoma, NOS	1	1	2
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8200/3 Adenoid cystic carcinoma	2	0	2
<b>C06 OTHER AND UNSPECIFIED PART OF MOUTH</b>			
<b>C06.0 Cheek mucosa</b>	2	3	5
M 8070/3 Squamous cell carcinoma, NOS	0	3	3
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 8200/3 Adenoid cystic carcinoma	1	0	1
<b>C06.2 Retromolar area</b>	3	1	4
M 8000/3 Neoplasm, malignant	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	1	2
<b>C06.9 Mouth, NOS</b>	1	0	1
M 8200/3 Adenoid cystic carcinoma	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C07 PAROTID GLAND</b>			
<b>C07.9Parotid gland</b>	5	6	11
M 8140/3 Adenocarcinoma, NOS	2	0	2
M 8200/3 Adenoid cystic carcinoma	0	1	1
M 8430/3 Mucoepidermoid carcinoma	2	2	4
M 8550/3 Acinar cell carcinoma	0	1	1
M 8560/3 Adenosquamous carcinoma	1	0	1
M 8800/3 Sarcoma, NOS	0	1	1
M 8940/3 Mixed tumor, malignant, NOS	0	1	1
<b>C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS</b>			
<b>C08.0Submandibular gland</b>	2	1	3
M 8200/3 Adenoid cystic carcinoma	2	0	2
M 8430/3 Mucoepidermoid carcinoma	0	1	1
<b>C08.1Sublingual gland</b>	1	0	1
M 8200/3 Adenoid cystic carcinoma	1	0	1
<b>C09 TONSIL</b>			
<b>C09.9Tonsil, NOS</b>	11	3	14
M 8070/3 Squamous cell carcinoma, NOS	9	2	11
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
<b>C10 OROPHARYNX</b>			
<b>C10.9Oropharynx, NOS</b>	4	0	4
M 8070/3 Squamous cell carcinoma, NOS	2	0	2
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	1	0	1
<b>C11 NASOPHARYNX</b>			
<b>C11.3Anterior wall of nasopharynx</b>	2	0	2
M 8020/3 Carcinoma, undifferentiated, NOS	2	0	2
<b>C11.8Overl. lesion of nasopharynx</b>	1	0	1
M 8020/3 Carcinoma, undifferentiated, NOS	1	0	1
<b>C11.9Nasopharynx, NOS</b>	41	19	60
M 8010/3 Carcinoma, NOS	1	0	1
M 8020/3 Carcinoma, undifferentiated, NOS	5	9	14
M 8070/3 Squamous cell carcinoma, NOS	6	3	9





ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	28	7	35
<b>C12 PYRIFORM SINUS</b>			
<b>C12.9Pyriform sinus</b>	24	0	24
M 8070/3 Squamous cell carcinoma, NOS	16	0	16
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	7	0	7
<b>C13 HYPOPHARYNX</b>			
<b>C13.0Postcricoid region</b>	2	1	3
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
M 8910/3 Embryonal rhabdomyosarcoma, NOS	0	1	1
<b>C13.1Hypopharyngeal aspect of aryepiglottic fold</b>	2	0	2
M 8070/3 Squamous cell carcinoma, NOS	2	0	2
<b>C13.9Hypopharynx, NOS</b>	5	0	5
M 8070/3 Squamous cell carcinoma, NOS	4	0	4
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
<b>C15 ESOPHAGUS</b>			
<b>C15.0Cervical esophagus</b>	1	0	1
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
<b>C15.1Thoracic esophagus</b>	4	1	5
M 8070/3 Squamous cell carcinoma, NOS	3	0	3
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	1	2
<b>C15.3Upper third of esophagus</b>	2	1	3
M 8070/3 Squamous cell carcinoma, NOS	1	1	2
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
<b>C15.4Middle third of esophagus</b>	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
<b>C15.5Lower third of esophagus</b>	5	2	7
M 8070/3 Squamous cell carcinoma, NOS	4	2	6
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
<b>C15.9Esophagus, NOS</b>	13	3	16
M 8000/3 Neoplasm, malignant	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	8	2	10
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	3	0	3
M 8140/3 Adenocarcinoma, NOS	1	1	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C16 STOMACH</b>			
<b>C16.0Cardia, NOS</b>	3	1	4
M 8140/3 Adenocarcinoma, NOS	3	1	4
<b>C16.1Fundus of stomach</b>	1	0	1
M 9590/3 Malignant lymphoma, NOS	1	0	1
<b>C16.2Body of stomach</b>	1	1	2
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 8936/3 Gastrointestinal stromal sarcoma	0	1	1
<b>C16.3Gastric antrum</b>	5	5	10
M 8140/3 Adenocarcinoma, NOS	4	5	9
M 8936/3 Gastrointestinal stromal sarcoma	1	0	1
<b>C16.8Overl. lesion of stomach</b>	1	0	1
M 8140/3 Adenocarcinoma, NOS	1	0	1
<b>C16.9Stomach, NOS</b>	18	25	43
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	15	17	32
M 8144/3 Adenocarcinoma, intestinal type	0	1	1
M 8490/3 Metastatic signet ring cell carcinoma	2	6	8
M 8936/3 Gastrointestinal stromal sarcoma	0	1	1
<b>C17 SMALL INTESTINE</b>			
<b>C17.0Duodenum</b>	0	2	2
M 8500/3 Infiltrating duct carcinoma, NOS	0	2	2
<b>C17.1Jejunum 1</b>	3	4	
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
M 8490/3 Metastatic signet ring cell carcinoma	0	1	1
M 8680/3 Paraganglioma, malignant	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
<b>C17.2Ileum 3</b>	0	3	
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 8480/3 Mucinous adenocarcinoma	2	0	2
<b>C17.9Small intestine</b>	0	1	1
M 8936/3 Gastrointestinal stromal sarcoma	0	1	1
<b>C18 COLON</b>			
<b>C18.0Cecum</b>	3	9	12
M 8140/3 Adenocarcinoma, NOS	3	7	10
M 8480/3 Mucinous adenocarcinoma	0	2	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C18.1Appendix</b>	1	2	3
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
M 8480/3 Mucinous adenocarcinoma	0	1	1
<b>C18.2Ascending colon</b>	11	14	25
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	9	11	20
M 8143/3 Superficial spreading adenocarcinoma	0	1	1
M 8480/3 Mucinous adenocarcinoma	2	0	2
M 8481/3 Mucin-producing adenocarcinoma	0	1	1
<b>C18.3Hepatic flexure of colon</b>	5	3	8
M 8140/3 Adenocarcinoma, NOS	5	2	7
M 8160/3 Cholangiocarcinoma	0	1	1
<b>C18.4Transverse colon</b>	9	7	16
M 8140/3 Adenocarcinoma, NOS	8	7	15
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
<b>C18.5Splenic flexure of colon</b>	2	0	2
M 8140/3 Adenocarcinoma, NOS	2	0	2
<b>C18.6Descending colon</b>	5	4	9
M 8140/3 Adenocarcinoma, NOS	4	3	7
M 8160/3 Cholangiocarcinoma	0	1	1
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
<b>C18.7Sigmoid colon</b>	56	43	99
M 8000/3 Neoplasm, malignant	0	2	2
M 8140/3 Adenocarcinoma, NOS	51	41	92
M 8480/3 Mucinous adenocarcinoma	5	0	5
<b>C18.8Overl. lesion of colon</b>	1	0	1
M 8140/3 Adenocarcinoma, NOS	1	0	1
<b>C18.9Colon, NOS</b>	22	9	31
M 8000/3 Neoplasm, malignant	0	1	1
M 8140/3 Adenocarcinoma, NOS	21	7	28
M 8441/3 Serous cystadenocarcinoma, NOS	0	1	1
M 8480/3 Mucinous adenocarcinoma	1	0	1
<b>C19 RECTOSIGMOID JUNCTION</b>			
<b>C19.9Rectosigmoid junction</b>	15	10	25
M 8140/3 Adenocarcinoma, NOS	15	10	25



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C20 RECTUM</b>			
<b>C20.9Rectum, NOS</b>	48	44	92
M 8000/3 Neoplasm, malignant	0	1	1
M 8140/3 Adenocarcinoma, NOS	47	42	89
M 8480/3 Mucinous adenocarcinoma	1	0	1
M 8490/3 Metastatic signet ring cell carcinoma	0	1	1
<b>C21 ANUS AND ANAL CANAL</b>			
<b>C21.1Anal canal</b>	2	1	3
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	1	1	2
<b>C21.8Overl. lesion of rectum</b>	1	0	1
M 8140/3 Adenocarcinoma, NOS	1	0	1
<b>C22 LIVER AND INTRAHEPATIC BILE DUCTS</b>			
<b>C22.0Liver</b>	119	44	163
M 8000/3 Neoplasm, malignant	0	1	1
M 8140/3 Adenocarcinoma, NOS	6	5	11
M 8160/3 Cholangiocarcinoma	11	8	19
M 8170/3 Hepatocellular carcinoma, NOS	101	28	129
M 8173/3 Hepatocellular carcinoma, spindle cell variant	0	1	1
M 8180/3 Combined hepatocellular carcinoma and cholangiocarcinoma	1	0	1
M 8991/3 Embryonal sarcoma	0	1	1
<b>C22.1Intrahepatic bile duct</b>	33	19	52
M 8120/3 Transition cell carcinoma, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8160/3 Cholangiocarcinoma	28	16	44
M 8170/3 Hepatocellular carcinoma, NOS	2	1	3
M 8180/3 Combined hepatocellular carcinoma and cholangiocarcinoma	0	1	1
M 8960/3 Nephroblastoma, NOS	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
<b>C23 GALLBLADDER</b>			
<b>C23.9Gallbladder</b>	2	8	10
M 8000/3 Neoplasm, malignant	0	2	2
M 8140/3 Adenocarcinoma, NOS	2	5	7
M 8160/3 Cholangiocarcinoma	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT</b>			
<b>C24.0 Extrahepatic bile duct</b>	7	3	10
M 8160/3 Cholangiocarcinoma	7	3	10
<b>C24.1 Ampulla of Vater</b>	4	7	11
M 8000/3 Neoplasm, malignant	1	1	2
M 8140/3 Adenocarcinoma, NOS	2	2	4
M 8160/3 Cholangiocarcinoma	0	1	1
M 8260/3 Papillary adenocarcinoma, NOS	1	3	4
<b>C25 PANCREAS</b>			
<b>C25.0 Head of pancreas</b>	12	9	21
M 8000/3 Neoplasm, malignant	3	4	7
M 8140/3 Adenocarcinoma, NOS	3	2	5
M 8160/3 Cholangiocarcinoma	2	0	2
M 8246/3 Neuroendocrine carcinoma, NOS	0	1	1
M 8452/3 Solid pseudopapillary carcinoma	0	1	1
M 8453/3 Intraductal papillary-mucinous carcinoma, invasive	1	0	1
M 8500/3 Infiltrating duct carcinoma, NOS	2	0	2
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M 9687/3 Burkitt lymphoma, NOS	1	0	1
<b>C25.1 Body of pancreas</b>	1	1	2
M 8480/3 Mucinous adenocarcinoma	1	0	1
M 8481/3 Mucin-producing adenocarcinoma	0	1	1
<b>C25.2 Tail of pancreas</b>	1	2	3
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
M 8470/3 Mucinous cystadenocarcinoma, NOS	0	1	1
<b>C25.9 Pancreas, NOS</b>	3	8	11
M 8000/3 Neoplasm, malignant	0	2	2
M 8140/3 Adenocarcinoma, NOS	1	4	5
M 8470/3 Mucinous cystadenocarcinoma, NOS	1	0	1
M 8480/3 Mucinous adenocarcinoma	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	0	1	1
M 8503/3 Intraductal papillary adenocarcinoma with invasion	1	0	1
<b>C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER</b>			
<b>C26.0 Intestinal tract, NOS</b>	2	1	3
M 8140/3 Adenocarcinoma, NOS	1	1	2
M 8480/3 Mucinous adenocarcinoma	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C30 NASAL CAVITY AND MIDDLE EAR</b>			
<b>C30.0 Nasal cavity</b>	9	4	13
M 8032/3 Spindle cell carcinoma, NOS	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	1	2
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	2	0	2
M 8200/3 Adenoid cystic carcinoma	1	1	2
M 8430/3 Mucoepidermoid carcinoma	0	1	1
M 8806/3 Desmoplastic small round cell tumor	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
M 9719/3 NK/T-cell lymphoma, nasal and nasal-type	2	0	2
<b>C30.1 Middle ear</b>	1	0	1
M 9220/3 Chondrosarcoma, NOS	1	0	1
<b>C31 ACCESSORY SINUSES</b>			
<b>C31.0 Maxillary sinus</b>	1	5	6
M 8070/3 Squamous cell carcinoma, NOS	1	3	4
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
<b>C31.3 Sphenoid sinus</b>	0	2	2
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	2	2
<b>C32 LARYNX</b>			
<b>C32.0 Glottis</b>	10	1	11
M 8000/3 Neoplasm, malignant	1	0	1
M 8050/3 Papillary carcinoma, NOS	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	5	1	6
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	3	0	3
<b>C32.1 Supraglottis</b>	12	2	14
M 8000/3 Neoplasm, malignant	1	1	2
M 8070/3 Squamous cell carcinoma, NOS	5	1	6
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	3	0	3
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	3	0	3
<b>C32.9 Larynx, NOS</b>	4	0	4
M 8070/3 Squamous cell carcinoma, NOS	4	0	4



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C34 LUNG AND BRONCHUS</b>			
<b>C34.0 Main bronchus</b>	2	0	2
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	1	0	1
<b>C34.1 Upper lobe, lung</b>	64	23	87
M 8000/3 Neoplasm, malignant	4	0	4
M 8010/3 Carcinoma, NOS	1	0	1
M 8020/3 Carcinoma, undifferentiated, NOS	2	0	2
M 8041/3 Small cell carcinoma, NOS	6	1	7
M 8046/3 Non-small cell carcinoma	18	5	23
M 8050/3 Papillary carcinoma, NOS	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	3	1	4
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
M 8074/3 Squamous cell carcinoma, spindle cell	1	0	1
M 8140/3 Adenocarcinoma, NOS	24	13	37
M 8250/3 Bronchiolo-alveolar adenocarcinoma, NOS	1	0	1
M 8260/3 Papillary adenocarcinoma, NOS	1	0	1
M 8310/3 Clear cell adenocarcinoma, mesonephroid	1	0	1
M 8430/3 Mucoepidermoid carcinoma	0	1	1
M 8481/3 Mucin-producing adenocarcinoma	1	0	1
M 8490/3 Metastatic signet ring cell carcinoma	0	1	1
<b>C34.2 Middle lobe, lung</b>	4	8	12
M 8046/3 Non-small cell carcinoma	1	2	3
M 8070/3 Squamous cell carcinoma, NOS	1	1	2
M 8082/3 Lymphoepithelial carcinoma	0	1	1
M 8140/3 Adenocarcinoma, NOS	2	4	6
<b>C34.3 Lower lobe, lung</b>	48	29	77
M 8000/3 Neoplasm, malignant	2	2	4
M 8020/3 Carcinoma, undifferentiated, NOS	1	0	1
M 8041/3 Small cell carcinoma, NOS	2	0	2
M 8046/3 Non-small cell carcinoma	12	8	20
M 8070/3 Squamous cell carcinoma, NOS	9	0	9
M 8140/3 Adenocarcinoma, NOS	17	16	33
M 8250/3 Bronchiolo-alveolar adenocarcinoma, NOS	4	1	5
M 8255/3 Adenocarcinoma with mixed subtypes	1	0	1
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8560/3 Adenosquamous carcinoma	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C34.9Lung, NOS</b>	55	46	101
M 8000/3 Neoplasm, malignant	1	2	3
M 8005/3 Malignant tumor, clear cell type	1	0	1
M 8010/3 Carcinoma, NOS	1	1	2
M 8012/3 Large cell carcinoma, NOS	1	0	1
M 8041/3 Small cell carcinoma, NOS	2	1	3
M 8046/3 Non-small cell carcinoma	15	12	27
M 8070/3 Squamous cell carcinoma, NOS	5	4	9
M 8140/3 Adenocarcinoma, NOS	23	26	49
M 8170/3 Hepatocellular carcinoma, NOS	1	0	1
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
M 8250/3 Bronchiolo-alveolar adenocarcinoma, NOS	2	0	2
M 8560/3 Adenosquamous carcinoma	1	0	1
M 8806/3 Desmoplastic small round cell tumor	1	0	1
<b>C37 THYMUS</b>			
<b>C37.9Thymus</b>	1	1	2
M 8585/3 Thymoma, type B3, malignant	1	0	1
M 9835/3 Precursor cell lymphoblastic leukemia, NOS	0	1	1
<b>C38 HEART, MEDIASTINUM AND PLEURA</b>			
<b>C38.0Heart</b>	2	0	2
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 8810/3 Fibrosarcoma, NOS	1	0	1
<b>C38.1Anterior mediastinum</b>	4	1	5
M 8900/3 Rhabdomyosarcoma, NOS	1	0	1
M 9071/3 Yolk sac tumor	2	0	2
M 9702/3 Mature T-cell lymphoma, NOS	0	1	1
M 9727/3 Precursor cell lymphoblastic lymphoma, NOS	1	0	1
<b>C38.2Posterior mediastinum</b>	1	0	1
M 9040/3 Synovial sarcoma, NOS	1	0	1
<b>C38.3Mediastinum, NOS</b>	2	1	3
M 8810/3 Fibrosarcoma, NOS	0	1	1
M 9064/3 Germinoma	1	0	1
M 9065/3 Germ cell tumor, nonseminomatous	1	0	1
<b>C38.4Pleura, NOS</b>	0	3	3
M 8004/3 Malignant tumor, spindle cell type	0	1	1
M 8046/3 Non-small cell carcinoma	0	1	1
M 8901/3 Pleomorphic rhabdomyosarcoma, adult type	0	1	1





ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS</b>			
<b>C40.0 Long bones of upper limb, scapula and associated joints</b>	2	2	4
M 9180/3 Osteosarcoma, NOS	0	1	1
M 9194/3 High grade surface osteosarcoma	1	0	1
M 9260/3 Ewing sarcoma	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
<b>C40.1 Short bones of upper limb and associated joints</b>	0	1	1
M 9220/3 Chondrosarcoma, NOS	0	1	1
<b>C40.2 Long bones of lower limb and associated joints</b>	5	0	5
M 9180/3 Osteosarcoma, NOS	1	0	1
M 9182/3 Fibroblastic osteosarcoma	1	0	1
M 9194/3 High grade surface osteosarcoma	1	0	1
M 9250/3 Giant cell tumor of bone, malignant	1	0	1
M 9260/3 Ewing sarcoma	1	0	1
<b>C40.9 Bone of limb, NOS</b>	0	1	1
M 9180/3 Osteosarcoma, NOS	0	1	1
<b>C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES</b>			
<b>C41.0 Bones of skull and face and associated joints</b>	5	0	5
M 9240/3 Mesenchymal chondrosarcoma	1	0	1
M 9370/3 Chordoma, NOS	1	0	1
M 9522/3 Olfactory neuroblastoma	2	0	2
M 9530/3 Meningioma, malignant	1	0	1
<b>C41.2 Vertebral column</b>	0	3	3
M 9220/3 Chondrosarcoma, NOS	0	1	1
M 9370/3 Chordoma, NOS	0	1	1
M 9500/3 Neuroblastoma, NOS	0	1	1
<b>C41.4 Pelvic bones, sacrum, coccyx and associated joints</b>	3	3	6
M 9180/3 Osteosarcoma, NOS	2	0	2
M 9260/3 Ewing sarcoma	0	1	1
M 9370/3 Chordoma, NOS	1	1	2
M 9665/3 Hodgkin lymphoma, nodular sclerosis, grade 1	0	1	1
<b>C41.9 Bone, NOS</b>	2	0	2
M 9180/3 Osteosarcoma, NOS	2	0	2
<b>C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS</b>			
<b>C42.1 Bone marrow</b>	78	72	150
M 9590/3 Malignant lymphoma, NOS	0	2	2
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	4	2	6



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
M 9671/3	Malignant lymphoma, lymphoplasmacytic	1	0	1
M 9675/3	Malignant lymphoma, mixed small and large cell, diffuse	0	1	1
M 9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
M 9698/3	Follicular lymphoma, grade 3	1	0	1
M 9702/3	Mature T-cell lymphoma, NOS	1	1	2
M 9732/3	Multiple myeloma	11	15	26
M 9733/3	Plasma cell leukemia	1	0	1
M 9800/3	Leukemia, NOS	0	2	2
M 9801/3	Acute leukemia, NOS	0	1	1
M 9823/3	B-cell chronic lymphocytic leukemia/small lymphocytic lymphoma	4	5	9
M 9834/3	Prolymphocytic leukemia, T-cell type	0	1	1
M 9835/3	Precursor cell lymphoblastic leukemia, NOS	22	10	32
M 9836/3	Precursor B cell lymphoblastic leukemia	2	0	2
M 9837/3	Precursor T-cell lymphoblastic leukemia	1	0	1
M 9861/3	Acute myeloid leukemia, NOS	7	14	21
M 9863/3	Chronic myeloid leukemia, NOS	6	3	9
M 9866/3	Acute promyelocytic leukemia, t(15;17)(q22;q11-12)	1	1	2
M 9867/3	Acute myelomonocytic leukemia	1	1	2
M 9870/3	Acute basophilic leukemia	1	0	1
M 9874/3	Acute myeloid leukemia with maturation	1	0	1
M 9895/3	Acute myeloid leukemia with multilineage dysplasia	1	0	1
M 9896/3	Acute myeloid leukemia, t(8;21)(q22;q22)	0	1	1
M 9945/3	Chronic myelomonocytic leukemia, NOS	0	1	1
M 9950/3	Polycythemia vera	1	0	1
M 9960/3	Chronic myeloproliferative disease, NOS	2	0	2
M 9961/3	Myelosclerosis with myeloid metaplasia	0	1	1
M 9962/3	Essential thrombocythemia	1	0	1
M 9989/3	Myelodysplastic syndrome, NOS	7	9	16
<b>C44 SKIN</b>				
<b>C44.0 Skin of lip, NOS</b>		0	3	3
M 8070/3	Squamous cell carcinoma, NOS	0	1	1
M 8071/3	Squamous cell carcinoma, keratinizing, NOS	0	1	1
M 9700/3	Mycosis fungoides	0	1	1
<b>C44.1 Eyelid</b>		2	3	5
M 8090/3	Basal cell carcinoma, NOS	0	2	2
M 8094/3	Basosquamous carcinoma	1	0	1
M 9699/3	Marginal zone B-cell lymphoma, NOS	1	1	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C44.2 External ear</b>	2	2	4
M 8070/3 Squamous cell carcinoma, NOS	1	2	3
M 8090/3 Basal cell carcinoma, NOS	1	0	1
<b>C44.3 Skin, other and unspecified parts of face</b>	2	9	11
M 8070/3 Squamous cell carcinoma, NOS	0	3	3
M 8090/3 Basal cell carcinoma, NOS	2	4	6
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
<b>C44.4 Skin of scalp and neck</b>	3	2	5
M 8070/3 Squamous cell carcinoma, NOS	1	2	3
M 8090/3 Basal cell carcinoma, NOS	1	0	1
M 8410/3 Sebaceous adenocarcinoma	1	0	1
<b>C44.5 Skin of trunk</b>	1	2	3
M 8070/3 Squamous cell carcinoma, NOS	0	2	2
M 8542/3 Paget disease, extramammary (except Paget disease of bone)	1	0	1
<b>C44.6 Skin of upper limb and shoulder</b>	3	2	5
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
M 8097/3 Basal cell carcinoma, nodular	1	0	1
M 9140/3 Kaposi sarcoma	1	0	1
M 9709/3 Cutaneous T-cell lymphoma, NOS	1	0	1
<b>C44.7 Skin of lower limb and hip</b>	4	6	10
M 8051/3 Verrucous carcinoma, NOS	0	1	1
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8090/3 Basal cell carcinoma, NOS	0	1	1
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	4	2	6
M 9120/3 Hemangiosarcoma	0	1	1
<b>C44.9 Skin, NOS</b>	3	4	7
M 8090/3 Basal cell carcinoma, NOS	1	4	5
M 8570/3 Adenocarcinoma with squamous metaplasia	1	0	1
M 9702/3 Mature T-cell lymphoma, NOS	1	0	1
<b>C48 RETROPERITONEUM AND PERITONEUM</b>			
<b>C48.0 Retroperitoneum</b>	0	1	1
M 9071/3 Yolk sac tumor	0	1	1
<b>C48.2 Peritoneum, NOS</b>	2	3	5
M 8010/3 Carcinoma, NOS	0	1	1
M 8032/3 Spindle cell carcinoma, NOS	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
M 8850/3 Liposarcoma, NOS	1	0	1
M 9050/3 Mesothelioma, malignant	1	1	2
<b>C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES</b>			
<b>C49.0 Connec., subcut. and other soft tissues of head, face, and neck</b>	0	1	1
M 9671/3 Malignant lymphoma, lymphoplasmacytic	0	1	1
<b>C49.1 Connec., subcut. and other soft tissues of upper limb and shoulder</b>	1	2	3
M 9040/3 Synovial sarcoma, NOS	0	1	1
M 9581/3 Alveolar soft part sarcoma	1	0	1
M 9714/3 Anaplastic large cell lymphoma, T-cell and null cell type	0	1	1
<b>C49.2 Connec., subcut. and other soft tissues of lower limb and hip</b>	4	4	8
M 8850/3 Liposarcoma, NOS	1	0	1
M 8852/3 Myxoid liposarcoma	1	0	1
M 8900/3 Rhabdomyosarcoma, NOS	0	1	1
M 9040/3 Synovial sarcoma, NOS	0	1	1
M 9180/3 Osteosarcoma, NOS	2	0	2
M 9581/3 Alveolar soft part sarcoma	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
<b>C49.3 Connec., subcut. and other soft tissues of thorax</b>	2	2	4
M 8901/3 Pleomorphic rhabdomyosarcoma, adult type	0	1	1
M 9473/3 Primitive neuroectodermal tumor, NOS	1	0	1
M 9530/3 Meningioma, malignant	1	0	1
M 9540/3 Malignant peripheral nerve sheath tumor	0	1	1
<b>C49.4 Connec., subcut. and other soft tissues of abdomen</b>	2	1	3
M 8090/3 Basal cell carcinoma, NOS	0	1	1
M 8900/3 Rhabdomyosarcoma, NOS	2	0	2
<b>C49.5 Connec., subcut. and other soft tissues of pelvis</b>	3	0	3
M 8852/3 Myxoid liposarcoma	1	0	1
M 8858/3 Dedifferentiated liposarcoma	1	0	1
M 9540/3 Malignant peripheral nerve sheath tumor	1	0	1
<b>C49.6 Connec., subcut. and other soft tissues of trunk</b>	1	0	1
M 8901/3 Pleomorphic rhabdomyosarcoma, adult type	1	0	1
<b>C49.9 Connective, subcutaneous and other soft tissues, NOS</b>	1	2	3
M 8090/3 Basal cell carcinoma, NOS	0	1	1
M 8910/3 Embryonal rhabdomyosarcoma, NOS	0	1	1
M 9651/3 Hodgkin lymphoma, lymphocyte-rich	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C50 BREAST</b>			
<b>C50.0Nipple</b>	1	46	47
M 2500/3	0	1	1
M 8050/3 Papillary carcinoma, NOS	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	1	35	36
M 8503/3 Intraductal paillary adenocarcinoma with invasion	0	1	1
<b>C50.1Central portion of breast</b>	0	22	22
M 8500/3 Infiltrating duct carcinoma, NOS	0	20	20
M 8520/3 Lobular carcinoma, NOS	0	1	1
<b>C50.2Upper-inner quadrant of breast</b>	0	66	66
M 8500/3 Infiltrating duct carcinoma, NOS	0	63	63
<b>C50.3Lower-inner quadrant of breast</b>	0	19	19
M 8500/3 Infiltrating duct carcinoma, NOS	0	17	17
M 8510/3 Medullary carcinoma, NOS	0	1	1
<b>C50.4Upper-outer quadrant of breast</b>	0	152	152
M 8000/3 Neoplasm, malignant	0	2	2
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8480/3 Mucinous adenocarcinoma	0	3	3
M 8500/3 Infiltrating duct carcinoma, NOS	0	128	128
M 8520/3 Lobular carcinoma, NOS	0	2	2
<b>C50.5Lower-outer quadrant of breast</b>	0	22	22
M 8500/3 Infiltrating duct carcinoma, NOS	0	20	20
<b>C50.6Axillary tail of breast</b>	0	1	1
M 8520/3 Lobular carcinoma, NOS	0	1	1
<b>C50.8Overl. lesion of breast</b>	0	93	93
M 8010/3 Carcinoma, NOS	0	1	1
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	0	76	76
M 8503/3 Intraductal paillary adenocarcinoma with invasion	0	1	1
M 8520/3 Lobular carcinoma, NOS	0	1	1
M 9020/3 Phyllodes tumor, malignant	0	1	1
<b>C50.9Breast, NOS</b>	2	78	80
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	2	69	71
M 8520/3 Lobular carcinoma, NOS	0	1	1
M 8530/3 Inflammatory carcinoma	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C51 VULVA</b>			
<b>C51.1 Labium minus</b>	0	1	1
M 8147/3 Basal cell adenocarcinoma	0	1	1
<b>C51.9 Vulva, NOS</b>	0	3	3
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
M 8076/3 Squamous cell carcinoma, microinvasive	0	1	1
<b>C52 VAGINA</b>			
<b>C52.9 Vagina, NOS</b>	0	2	2
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
<b>C53 CERVIX UTERI</b>			
<b>C53.0 Endocervix</b>	0	16	16
M 8070/3 Squamous cell carcinoma, NOS	0	3	3
M 8140/3 Adenocarcinoma, NOS	0	6	6
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8380/3 Endometrioid adenocarcinoma, NOS	0	3	3
M 8384/3 Adenocarcinoma, endocervical type	0	3	3
<b>C53.1 Exocervix</b>	0	14	14
M 8070/3 Squamous cell carcinoma, NOS	0	3	3
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	3	3
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	7	7
M 8076/3 Squamous cell carcinoma, microinvasive	0	1	1
<b>C53.8 Overl. lesion of cervix uteri</b>	0	1	1
M 8560/3 Adenosquamous carcinoma	0	1	1
<b>C53.9 Cervix uteri</b>	0	111	111
M 8000/3 Neoplasm, malignant	0	2	2
M 8052/3 Papillary squamous cell carcinoma	0	2	2
M 8070/3 Squamous cell carcinoma, NOS	0	22	22
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	10	10
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	39	39
M 8073/3 Squamous cell carcinoma, small cell, nonkeratinizing	0	2	2
M 8076/3 Squamous cell carcinoma, microinvasive	0	2	2
M 8084/3 Squamous cell carcinoma, clear cell type	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	21	21
M 8380/3 Endometrioid adenocarcinoma, NOS	0	1	1
M 8384/3 Adenocarcinoma, endocervical type	0	6	6



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
M 8481/3	Mucin-producing adenocarcinoma	0	1	1
M 8500/3	Infiltrating duct carcinoma, NOS	0	1	1
M 8980/3	Carcinosarcoma, NOS	0	1	1
<b>C54 CORPUS UTERI</b>				
<b>C54.0 Isthmus uteri</b>		0	1	1
M 8720/3	Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
<b>C54.1 Endometrium</b>		0	54	54
M 8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
M 8140/3	Adenocarcinoma, NOS	0	8	8
M 8310/3	Clear cell adenocarcinoma, mesonephroid	0	1	1
M 8380/3	Endometrioid adenocarcinoma, NOS	0	34	34
M 8441/3	Serous cystadenocarcinoma, NOS	0	2	2
M 8890/3	Leiomyosarcoma, NOS	0	1	1
M 8930/3	Endometrial stromal sarcoma, NOS	0	1	1
M 8980/3	Carcinosarcoma, NOS	0	5	5
M 9380/3	Glioma, malignant	0	1	1
<b>C54.2 Myometrium</b>		0	3	3
M 8890/3	Leiomyosarcoma, NOS	0	2	2
M 8935/3	Stromal sarcoma, NOS	0	1	1
<b>C54.9 Corpus uteri</b>		0	7	7
M 8000/3	Neoplasm, malignant	0	1	1
M 8140/3	Adenocarcinoma, NOS	0	1	1
M 8380/3	Endometrioid adenocarcinoma, NOS	0	5	5
<b>C55 UTERUS, NOS</b>				
<b>C55.9 Uterus, NOS</b>		0	4	4
M 8800/3	Sarcoma, NOS	0	1	1
M 8933/3	Adenosarcoma	0	1	1
M 8980/3	Carcinosarcoma, NOS	0	1	1
M 9100/3	Choriocarcinoma, NOS	0	1	1
<b>C56 OVARY</b>				
<b>C56.9 Ovary</b>		0	80	80
M 8000/3	Neoplasm, malignant	0	3	3
M 8010/3	Carcinoma, NOS	0	2	2
M 8070/3	Squamous cell carcinoma, NOS	0	1	1
M 8071/3	Squamous cell carcinoma, keratinizing, NOS	0	1	1
M 8140/3	Adenocarcinoma, NOS	0	18	18



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
M 8310/3	Clear cell adenocarcinoma, mesonephroid	0	18	18
M 8380/3	Endometrioid adenocarcinoma, NOS	0	5	5
M 8441/3	Serous cystadenocarcinoma, NOS	0	14	14
M 8461/3	Serous surface papillary carcinoma	0	3	3
M 8470/3	Mucinous cystadenocarcinoma, NOS	0	2	2
M 8480/3	Mucinous adenocarcinoma	0	2	2
M 8490/3	Metastatic signet ring cell carcinoma	0	2	2
M 8560/3	Adenosquamous carcinoma	0	1	1
M 8980/3	Carcinosarcoma, NOS	0	1	1
M 9000/3	Brenner tumor, malignant	0	1	1
M 9014/3	Serous adenocarcinofibroma	0	1	1
M 9060/3	Dysgerminoma	0	1	1
M 9071/3	Yolk sac tumor	0	2	2
M 9080/3	Teratoma, malignant, NOS	0	2	2
<b>C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS</b>				
<b>C57.0 Fallopian tube</b>		0	2	2
M 8140/3	Adenocarcinoma, NOS	0	1	1
M 8441/3	Serous cystadenocarcinoma, NOS	0	1	1
<b>C57.4 Uterine adnexa</b>		0	4	4
M 8310/3	Clear cell adenocarcinoma, mesonephroid	0	1	1
M 8441/3	Serous cystadenocarcinoma, NOS	0	1	1
M 8490/3	Metastatic signet ring cell carcinoma	0	1	1
M 9080/3	Teratoma, malignant, NOS	0	1	1
<b>C58 PLACENTA</b>				
<b>C58.9 Placenta</b>		0	2	2
M 8070/3	Squamous cell carcinoma, NOS	0	1	1
M 9080/3	Teratoma, malignant, NOS	0	1	1
<b>C60 PENIS</b>				
<b>C60.0 Prepuce</b>		1	0	1
M 8070/3	Squamous cell carcinoma, NOS	1	0	1
<b>C60.1 Glans penis</b>		3	0	3
M 8070/3	Squamous cell carcinoma, NOS	3	0	3
<b>C60.9 Penis, NOS</b>		5	0	5
M 8070/3	Squamous cell carcinoma, NOS	5	0	5





ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C61 PROSTATE GLAND</b>			
<b>C61.9Prostate gland</b>	106	0	106
M 8000/3 Neoplasm, malignant	2	0	2
M 8010/3 Carcinoma, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	97	0	97
M 8520/3 Lobular carcinoma, NOS	1	0	1
M 8550/3 Acinar cell carcinoma	4	0	4
<b>C62 TESTIS</b>			
<b>C62.9Testis, NOS</b>	3	0	3
M 9061/3 Seminoma, NOS	2	0	2
M 9065/3 Germ cell tumor, nonseminomatous	1	0	1
<b>C63 EPIDIDYMISS, SPERMATIC CORD, MALE GENITAL ORGANS</b>			
<b>C63.7Other parts of male genital organs</b>	1	0	1
M 8140/3 Adenocarcinoma, NOS	1	0	1
<b>C63.9Male genital organs, NOS</b>	1	0	1
M 8310/3 Clear cell adenocarcinoma, mesonephroid	1	0	1
<b>C64 KIDNEY</b>			
<b>C64.9Kidney</b>	16	19	35
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8120/3 Transition cell carcinoma, NOS	0	2	2
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8310/3 Clear cell adenocarcinoma, mesonephroid	6	4	10
M 8312/3 Renal cell carcinoma, NOS	6	8	14
M 8317/3 Renal cell carcinoma, chromophobe type	0	1	1
M 8960/3 Nephroblastoma, NOS	4	1	5
M 9044/3 Clear cell sarcoma, NOS (except of kidney)	0	1	1
<b>C65 RENAL PELVIS</b>			
<b>C65.9Renal pelvis</b>	1	2	3
M 8120/3 Transition cell carcinoma, NOS	0	1	1
M 8130/3 Papillary transitional cell carcinoma	1	1	2
<b>C66 URETER</b>			
<b>C66.9Ureter</b>	5	7	12
M 8000/3 Neoplasm, malignant	0	1	1
M 8120/3 Transition cell carcinoma, NOS	4	5	9



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
M 8130/3 Papillary transitional cell carcinoma	1	0	1
M 8170/3 Hepatocellular carcinoma, NOS	0	1	1
<b>C67 URINARY BLADDER</b>			
<b>C67.0Trigone of urinary bladder</b>	3	0	3
M 8120/3 Transition cell carcinoma, NOS	3	0	3
<b>C67.1Dome of urinary bladder</b>	2	2	4
M 8120/3 Transition cell carcinoma, NOS	1	1	2
M 8130/3 Papillary transitional cell carcinoma	1	1	2
<b>C67.2Lateral wall of urinary bladder</b>	13	1	14
M 8000/3 Neoplasm, malignant	1	0	1
M 8120/3 Transition cell carcinoma, NOS	4	1	5
M 8130/3 Papillary transitional cell carcinoma	5	0	5
M 8140/3 Adenocarcinoma, NOS	3	0	3
<b>C67.3Anterior wall of urinary bladder</b>	7	0	7
M 8120/3 Transition cell carcinoma, NOS	3	0	3
M 8130/3 Papillary transitional cell carcinoma	4	0	4
<b>C67.4Posterior wall of urinary bladder</b>	8	1	9
M 8120/3 Transition cell carcinoma, NOS	3	0	3
M 8130/3 Papillary transitional cell carcinoma	4	0	4
M 8140/3 Adenocarcinoma, NOS	1	1	2
<b>C67.5Bladder neck</b>	6	0	6
M 8000/3 Neoplasm, malignant	1	0	1
M 8120/3 Transition cell carcinoma, NOS	3	0	3
M 8130/3 Papillary transitional cell carcinoma	1	0	1
M 8900/3 Rhabdomyosarcoma, NOS	1	0	1
<b>C67.9Bladder, NOS</b>	33	8	41
M 8000/3 Neoplasm, malignant	3	2	5
M 8070/3 Squamous cell carcinoma, NOS	2	0	2
M 8120/3 Transition cell carcinoma, NOS	12	2	14
M 8130/3 Papillary transitional cell carcinoma	13	3	16
M 8140/3 Adenocarcinoma, NOS	3	1	4
<b>C69 EYE AND ADNEXA</b>			
<b>C69.0Conjunctiva</b>	0	1	1
M 9670/3 Malignant lymphoma, small B lymphocytic, NOS	0	1	1
<b>C69.2Retina</b>	1	3	4
M 9510/3 Retinoblastoma, NOS	1	3	4



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C69.5Lacrimal gland, NOS</b>	1	0	1
M 9671/3 Malignant lymphoma, lymphoplasmacytic	1	0	1
<b>C69.6Orbit, NOS</b>	1	1	2
M 9220/3 Chondrosarcoma, NOS	0	1	1
M 9699/3 Marginal zone B-cell lymphoma, NOS	1	0	1
<b>C69.9Eye, NOS</b>	3	1	4
M 8004/3 Malignant tumor, spindle cell type	1	0	1
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 9510/3 Retinoblastoma, NOS	1	0	1
M 9650/3 Hodgkin lymphoma, NOS	0	1	1
<b>C70 MENINGES</b>			
<b>C70.0Cerebral meninges</b>	0	2	2
M 8140/3 Adenocarcinoma, NOS	0	2	2
<b>C70.9Meninges, NOS</b>	0	1	1
<b>C71 BRAIN</b>			
<b>C71.0Cerebrum</b>	4	5	9
M 4680/3	1	0	1
M 9400/3 Astrocytoma, NOS	1	1	2
M 9401/3 Astrocytoma, anaplastic	1	0	1
M 9440/3 Glioblastoma, NOS	1	1	2
M 9450/3 Oligodendroglioma, NOS	0	2	2
<b>C71.1Frontal lobe</b>	7	6	13
M 8800/3 Sarcoma, NOS	1	0	1
M 9400/3 Astrocytoma, NOS	1	1	2
M 9401/3 Astrocytoma, anaplastic	0	1	1
M 9440/3 Glioblastoma, NOS	3	1	4
M 9450/3 Oligodendroglioma, NOS	0	1	1
M 9473/3 Primitive neuroectodermal tumor, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2
<b>C71.2Temporal lobe</b>	8	1	9
M 9380/3 Glioma, malignant	1	0	1
M 9401/3 Astrocytoma, anaplastic	1	0	1
M 9440/3 Glioblastoma, NOS	4	0	4
M 9530/3 Meningioma, malignant	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C71.3Parietal lobe</b>	4	6	10
M 8246/3 Neuroendocrine carcinoma, NOS	0	1	1
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8890/3 Leiomyosarcoma, NOS	1	0	1
M 9380/3 Glioma, malignant	1	0	1
M 9440/3 Glioblastoma, NOS	0	2	2
M 9473/3 Primitive neuroectodermal tumor, NOS	1	0	1
M 9530/3 Meningioma, malignant	0	1	1
<b>C71.5Ventricle</b>	1	0	1
M 9392/3 Ependymoma, anaplastic	1	0	1
<b>C71.6Cerebellum, NOS</b>	7	5	12
M 9440/3 Glioblastoma, NOS	1	0	1
M 9470/3 Medulloblastoma, NOS	4	2	6
<b>C71.7Brain stem</b>	0	4	4
M 9392/3 Ependymoma, anaplastic	0	1	1
M 9440/3 Glioblastoma, NOS	0	2	2
<b>C71.8Overl. lesion of brain</b>	1	1	2
M 9382/3 Mixed glioma	0	1	1
M 9451/3 Oligodendroglioma, anaplastic	1	0	1
<b>C71.9Brain, NOS</b>	20	17	37
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	3	1	4
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
M 9064/3 Germinoma	2	1	3
M 9080/3 Teratoma, malignant, NOS	4	0	4
M 9380/3 Glioma, malignant	0	1	1
M 9392/3 Ependymoma, anaplastic	3	0	3
M 9400/3 Astrocytoma, NOS	1	2	3
M 9420/3 Fibrillary astrocytoma	0	1	1
M 9440/3 Glioblastoma, NOS	3	3	6
M 9470/3 Medulloblastoma, NOS	0	2	2
M 9473/3 Primitive neuroectodermal tumor, NOS	0	1	1
M 9500/3 Neuroblastoma, NOS	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	1	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>			
<b>C72.0Spinal cord</b>	0	2	2
M 9538/3 Papillary meningioma	0	1	1
<b>C72.9Nervous system, NOS</b>	3	0	3
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
M 9734/3 Plasmacytoma, extramedullary (not occurring in bone)	1	0	1
<b>C73 THYROID GLAND</b>			
<b>C73.9Thyroid gland</b>	17	85	102
M 8021/3 Carcinoma, anaplastic, NOS	2	2	4
M 8050/3 Papillary carcinoma, NOS	1	2	3
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8260/3 Papillary adenocarcinoma, NOS	10	65	75
M 8330/3 Follicular adenocarcinoma, NOS	3	8	11
M 8340/3 Papillary carcinoma, follicular variant	0	2	2
M 8341/3 Papillary microcarcinoma	1	3	4
M 8345/3 Medullary carcinoma with amyloid stroma	0	1	1
M 8384/3 Adenocarcinoma, endocervical type	0	1	1
<b>C74 ADRENAL GLAND</b>			
<b>C74.0Cortex of adrenal gland</b>	1	2	3
M 8370/3 Adrenal cortical carcinoma	1	2	3
<b>C74.9Adrenal gland, NOS</b>	3	5	8
M 8140/3 Adenocarcinoma, NOS	1	1	2
M 8312/3 Renal cell carcinoma, NOS	0	1	1
M 8806/3 Desmoplastic small round cell tumor	0	1	1
M 9120/3 Hemangiosarcoma	0	1	1
M 9500/3 Neuroblastoma, NOS	2	1	3
<b>C75.2Craniopharyngeal duct</b>	1	0	1
M 8910/3 Embryonal rhabdomyosarcoma, NOS	1	0	1
<b>C75.3Pineal gland</b>	2	1	3
M 9064/3 Germinoma	2	1	3
<b>C76 OTHER AND ILL-DEFINED SITES</b>			
<b>C76.5Lower limb, NOS</b>	1	0	1
M 8900/3 Rhabdomyosarcoma, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C77 LYMPH NODES</b>			
<b>C77.0 Lymph nodes of head, face and neck</b>	43	24	67
M 8020/3 Carcinoma, undifferentiated, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
M 8560/3 Adenosquamous carcinoma	1	0	1
M 8680/3 Paraganglioma, malignant	1	0	1
M 8806/3 Desmoplastic small round cell tumor	0	1	1
M 9590/3 Malignant lymphoma, NOS	2	0	2
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	12	1	13
M 9650/3 Hodgkin lymphoma, NOS	8	1	9
M 9663/3 Hodgkin lymphoma, nodular sclerosis, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	11	11	22
M 9690/3 Follicular lymphoma, NOS	1	1	2
M 9698/3 Follicular lymphoma, grade 3	2	0	2
M 9699/3 Marginal zone B-cell lymphoma, NOS	0	1	1
M 9702/3 Mature T-cell lymphoma, NOS	1	0	1
M 9705/3 Angioimmunoblastic T-cell lymphoma	0	1	1
M 9708/3 Subcutaneous panniculitis-like T-cell lymphoma	0	1	1
M 9714/3 Anaplastic large cell lymphoma, T-cell and null cell type	0	3	3
M 9719/3 NK/T-cell lymphoma, nasal and nasal-type	0	1	1
M 9727/3 Precursor cell lymphoblastic lymphoma, NOS	1	0	1
M 9729/3 Precursor T-cell lymphoblastic lymphoma	1	0	1
<b>C77.1 Intrathoracic lymph nodes</b>	2	6	8
M 8050/3 Papillary carcinoma, NOS	0	1	1
M 9590/3 Malignant lymphoma, NOS	0	1	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M 9663/3 Hodgkin lymphoma, nodular sclerosis, NOS	1	1	2
M 9673/3 Mantle cell lymphoma	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M 9729/3 Precursor T-cell lymphoblastic lymphoma	0	1	1
<b>C77.2 Intra-abdominal lymph nodes</b>	5	4	9
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	1	1	2
M 9670/3 Malignant lymphoma, small B lymphocytic, NOS	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	2	3	5
M 9727/3 Precursor cell lymphoblastic lymphoma, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C77.3Lymph nodes of axilla or arm</b>	2	8	10
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
M 9540/3 Malignant peripheral nerve sheath tumor	0	1	1
M 9590/3 Malignant lymphoma, NOS	0	1	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M 9650/3 Hodgkin lymphoma, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
M 9687/3 Burkitt lymphoma, NOS	0	1	1
M 9690/3 Follicular lymphoma, NOS	1	1	2
<b>C77.4Lymph nodes, inguinal region or leg</b>	5	5	10
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 9590/3 Malignant lymphoma, NOS	1	0	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	2	0	2
M 9673/3 Mantle cell lymphoma	1	0	1
M 9675/3 Malignant lymphoma, mixed small and large cell, diffuse	0	1	1
M 9690/3 Follicular lymphoma, NOS	0	1	1
M 9691/3 Follicular lymphoma, grade 2	0	1	1
M 9705/3 Angioimmunoblastic T-cell lymphoma	0	1	1
M 9729/3 Precursor T-cell lymphoblastic lymphoma	0	1	1
<b>C77.5Pelvic lymph nodes</b>	1	1	2
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	1	2
<b>C77.9Lymph node, NOS</b>	7	4	11
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	2	0	2
M 9596/3 Composite Hodgkin and non-Hodgkin lymphoma	0	1	1
M 9650/3 Hodgkin lymphoma, NOS	0	1	1
M 9651/3 Hodgkin lymphoma, lymphocyte-rich	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2
M 9684/3 Malignant lymphoma, large B-cell, diffuse, immunoblastic, NOS	1	0	1
M 9699/3 Marginal zone B-cell lymphoma, NOS	0	1	1
M 9702/3 Mature T-cell lymphoma, NOS	1	0	1
M 9861/3 Acute myeloid leukemia, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C80 UNKNOWN PRIMARY SITE</b>			
<b>C80.9 Unknown primary site</b>	15	15	30
M 8000/3 Neoplasm, malignant	3	2	5
M 8010/3 Carcinoma, NOS	2	2	4
M 8020/3 Carcinoma, undifferentiated, NOS	3	0	3
M 8070/3 Squamous cell carcinoma, NOS	5	1	6
M 8140/3 Adenocarcinoma, NOS	2	7	9
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8480/3 Mucinous adenocarcinoma	0	2	2





## CHAPTER V

### THE MOST COMMON CANCER SITES

**BREAST**

**LUNG AND BRONCHUS**

**LIVER AND INTRAHEPATIC BILE DUCTS**

**COLORECTAL**

**CERVIX UTERI**

**HEMATOPOIETIC AND RETICULOENDOTHELIAL**

**CHILDHOOD CANCER**



## BREAST

**Table 5.1.1** Age and gender of breast cancer.

Special Notes	
<b>Age at diagnosis (years)</b>	
Mean and standard deviation of age at diagnosis (years)	52.15 (11.56)
Median and range of age at diagnosis	52 (14:86)
% of the patient is lower than 15 year of age at diagnosis	0.22%
<b>Gender</b>	
Male	3 (0.66%)
Female	453 (98.91%)
Sex ratio (male: female)	0.01:1

**Table 5.1.2** most valid method of diagnosis.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical only	0	0.00	1	0.22	1	0.22
Clinical investigation/imaging	0	0.00	1	0.22	1	0.22
Surgery/operative finding	0	0.00	2	0.44	2	0.44
Cytology or Hematology	0	0.00	51	11.26	51	11.18
Histology or metastasis	0	0.00	10	2.21	10	2.19
Histology of primary	3	100.00	385	84.99	388	85.09
<b>Total</b>	<b>3</b>	<b>100.00</b>	<b>453</b>	<b>100.00</b>	<b>456</b>	<b>100.00</b>



Figure 5.1.1 Age at diagnosis of breast cancer, 2009, by sex.

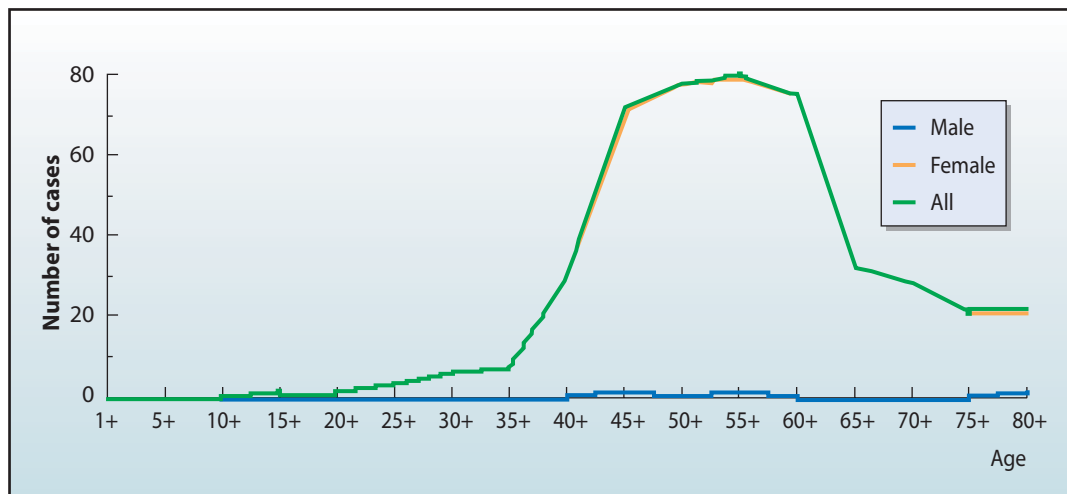
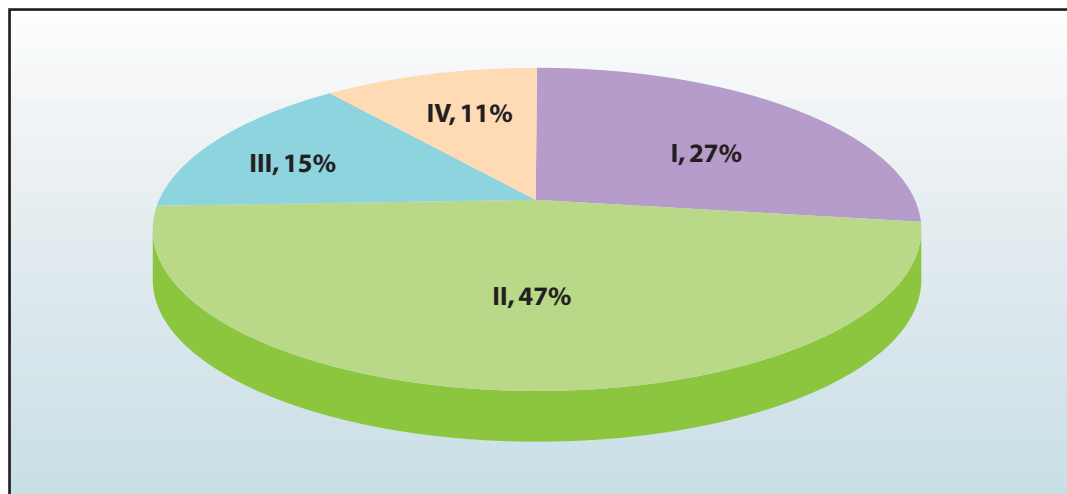


Figure 5.1.2 Distribution of staging for breast cancer





## LUNG AND BRONCHUS

**Table 5.2.1** Age at diagnosis of lung cancer, 2009, by sex.

Special Notes	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	61.95 (12.84)
Median and range age at diagnosis	62 (20:98)
<b>Gender</b>	
Male	175 (62.06%)
Female	106 (37.59%)
Sex ratio (male: female)	1.65:1

**Table 5.2.2** Most Valid method of diagnosis

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical only	1	0.57	0	0.00	1	0.36
Clinical investigation/imaging	2	1.14	3	2.83	5	1.78
Surgery/operative finding	2	1.14	2	1.89	4	1.42
Cytology or Hematology	29	16.57	28	26.42	57	20.28
Histology or metastasis	37	21.14	14	13.21	51	18.15
Histology of primary	101	57.71	58	54.72	159	56.58
<b>Total</b>	<b>175</b>	<b>100.00</b>	<b>106</b>	<b>100.00</b>	<b>281</b>	<b>100.00</b>



Figure 5.2.1 Age at diagnosis of lung cancer, 2009, by sex

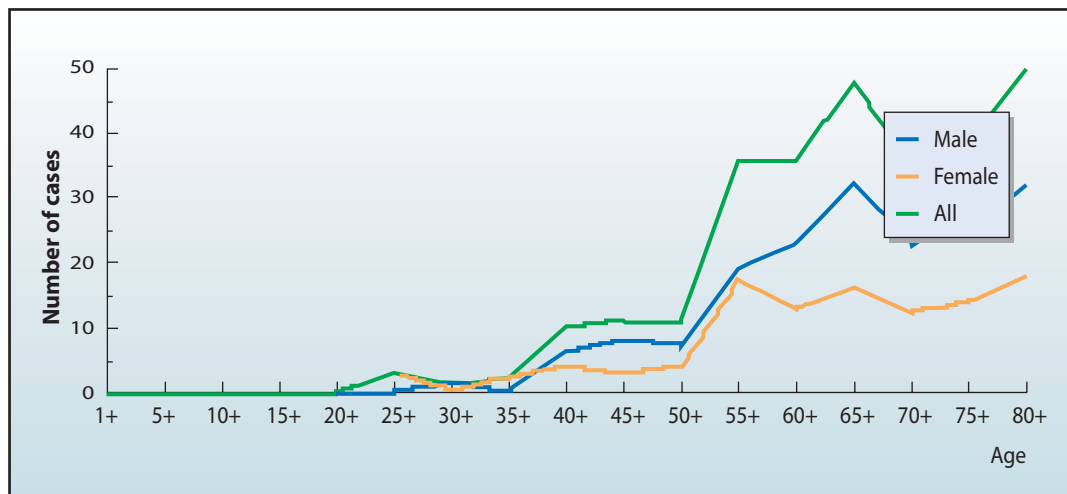
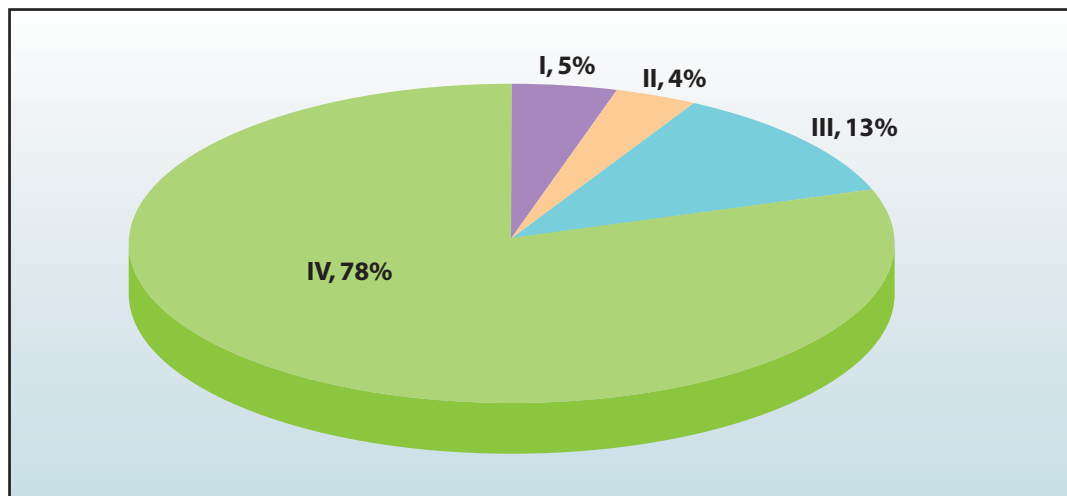


Figure 5.2.2 Distribution of staging for lung cancer.





## CERVIX UTERI

**Table 5.3.1** Age and gender of cervix uteri cancer.

Special Notes	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	52.65 (12.03)
Median and range age at diagnosis	51.5 (25:94)
% of the patient is lower than 15 year of age at diagnosis	0.00%

**Table 5.3.2** Most Valid method of diagnosis

Basis of diagnosis	Female		Total	
	N	%	N	%
Clinical only	1	0.70	1	0.70
Clinical investigation/imaging	1	0.70	1	0.70
Surgery/operative finding	1	0.70	1	0.70
Cytology or Hematology	15	10.56	15	10.56
Histology of primary	124	87.32	124	87.32
<b>Total</b>	<b>142</b>	<b>100.00</b>	<b>142</b>	<b>100.00</b>



Figure 5.2.1 Age at diagnosis of cervix uteri cancer, 2009, by sex.

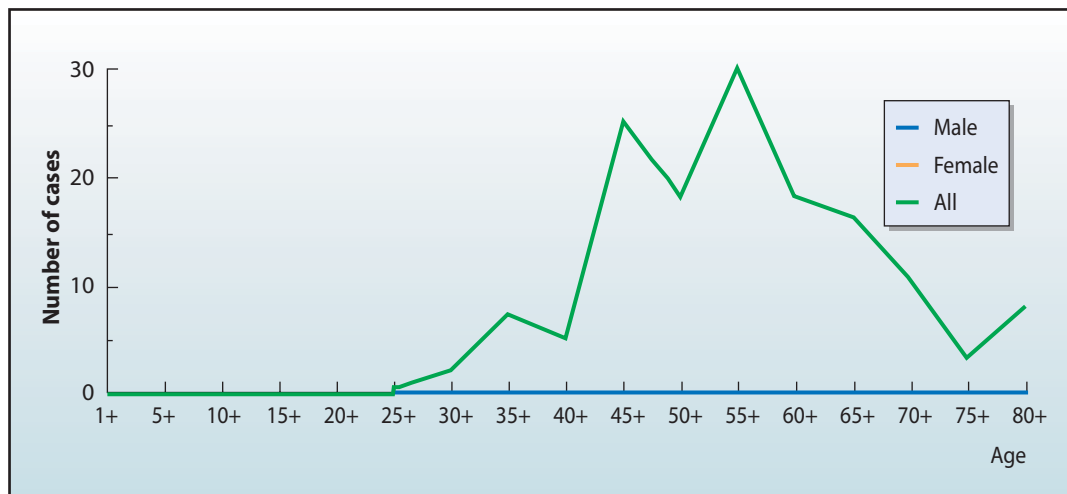
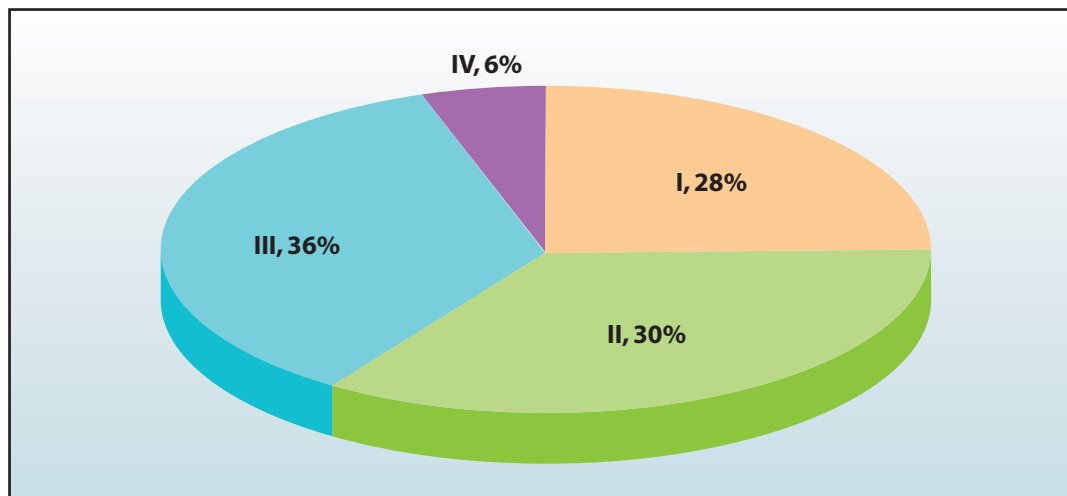


Figure 5.2.2 Distribution of staging for cervix uteri cancer.





## HEMATOPOIETIC AND RETICULOENDOTHELIAL

**Table 5.3.1** Age and gender of leukemia cancer

Special Notes	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	42.99 (27.56)
Median and range age at diagnosis	49 (0:90)
% of the patient is lower than 15 year of age at diagnosis	25.00%
<b>Gender</b>	
Male	78 (51.32%)
Female	73 (48.03%)
Sex ratio (male: female)	1.07:1

**Table 5.3.2** Most Valid method of diagnosis

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical only	1	1.28	0	0	1	0.66
Clinical investigation/imaging	0	0	1	1.37	1	0.66
Cytology or Hematology	33	42.31	28	38.36	61	40.40
Histology or metastasis	1	1.28	0	0	1	0.66
Histology of primary	39	50.00	43	58.90	82	54.30
<b>Total</b>	<b>78</b>	<b>100.00</b>	<b>73</b>	<b>100.00</b>	<b>151</b>	<b>100.00</b>

**Figure 5.3.1** Age at diagnosis of leukemia cancer, 2009, by sex.

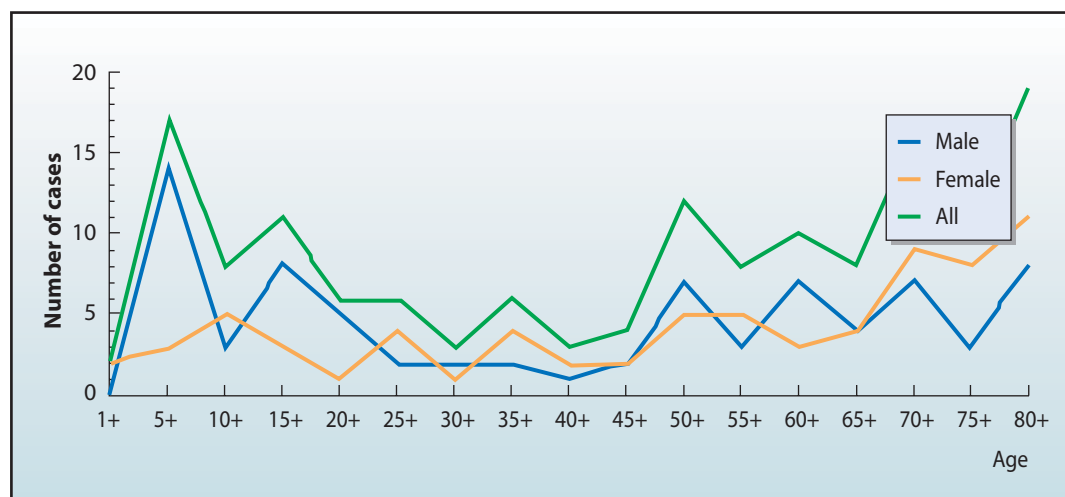






Table 5.3.3 Morphology group of Hematologic malignancy

Histology group	Male		Female		Total	
	N	%	N	%	N	%
Multiple myeloma	11	14.10	15	20.83	26	17.33
Myelodysplastic syndrome	7	8.97	9	12.50	16	10.67
Lymphoid Leukemias	29	37.18	19	26.39	35	23.33
Myeloid leukemias	18	23.08	22	30.56	40	26.67
Other leukemias	13	16.67	6	8.33	19	12.67
<b>Total</b>	<b>78</b>	<b>100.00</b>	<b>72</b>	<b>100.00</b>	<b>150</b>	<b>100.00</b>

Figure 5.3.1 Percent of morphology group, 2009, all age, by sex

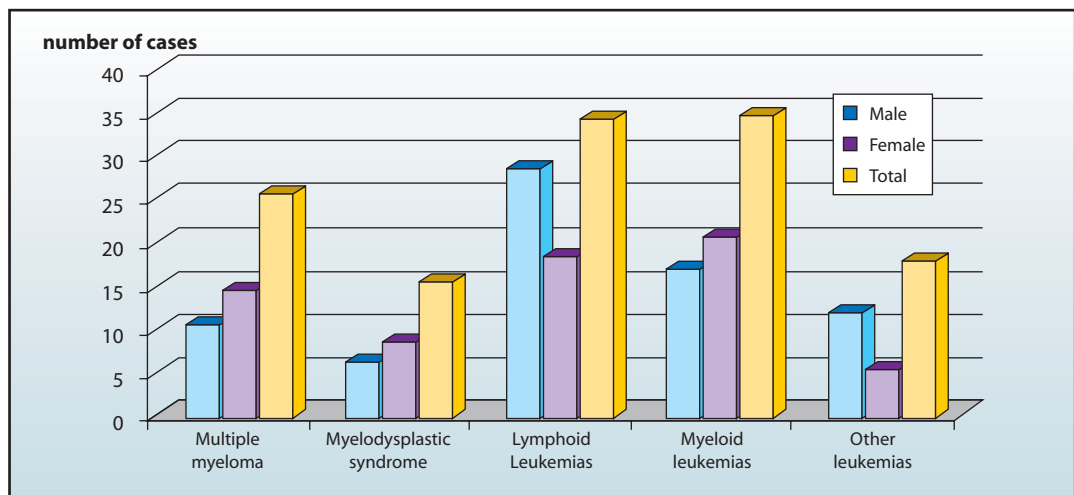
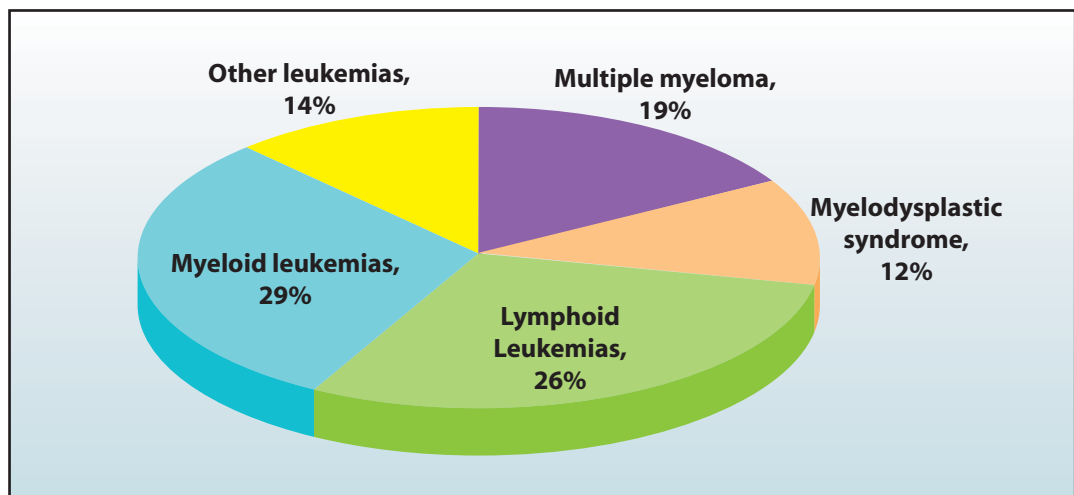


Figure 5.3.2 Percent of morphology group, 2009, all age and sexes.





## LIVER AND INTRAHEPATIC BILE DUCTS

**Table 5.4.1** Age and gender of liver and bile duct cancer.

Special Notes	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	59.00 (11.39)
Median and range age at diagnosis	58 (13:86)
% of the patient is lower than 15 year of age at diagnosis	0.42%
<b>Gender</b>	
Male	163 (69.07%)
Female	73 (30.93%)
Sex ratio (male: female)	2.23:1

**Table 5.4.2** Most Valid method of diagnosis

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical only	2	1.23	0	0	2	0.85
Clinical investigation/imaging	3	1.84	2	2.74	5	2.12
Surgery/operative finding	36	22.09	15	20.55	51	21.61
Cytology or Hematology	32	19.63	12	16.44	44	18.64
Histology or metastasis	7	4.29	4	5.48	11	4.66
Histology of primary	82	50.31	40	54.79	122	51.69
<b>Total</b>	<b>163</b>	<b>100.00</b>	<b>73</b>	<b>100.00</b>	<b>236</b>	<b>100.00</b>



Figure 3.9.1 Age at diagnosis of liver and bile duct cancer, 2009, by sex.

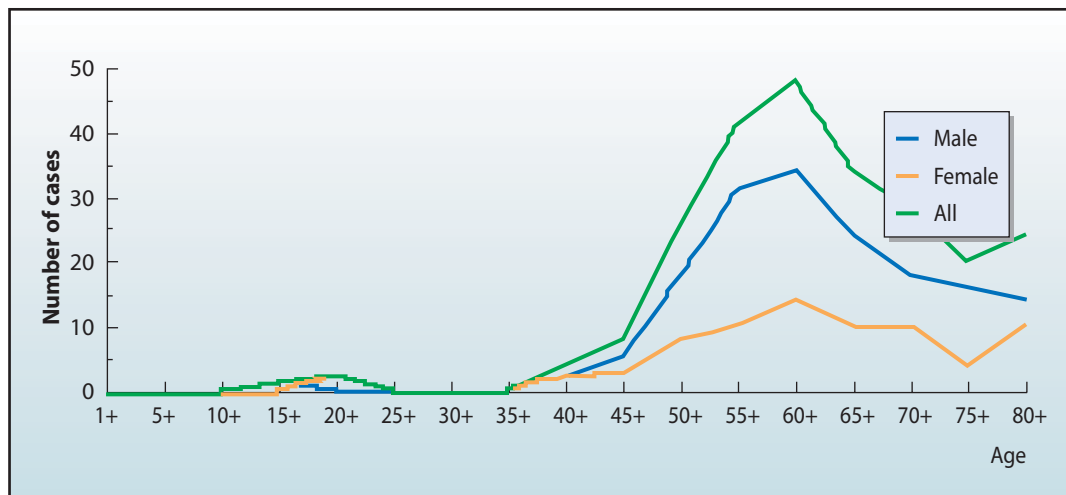
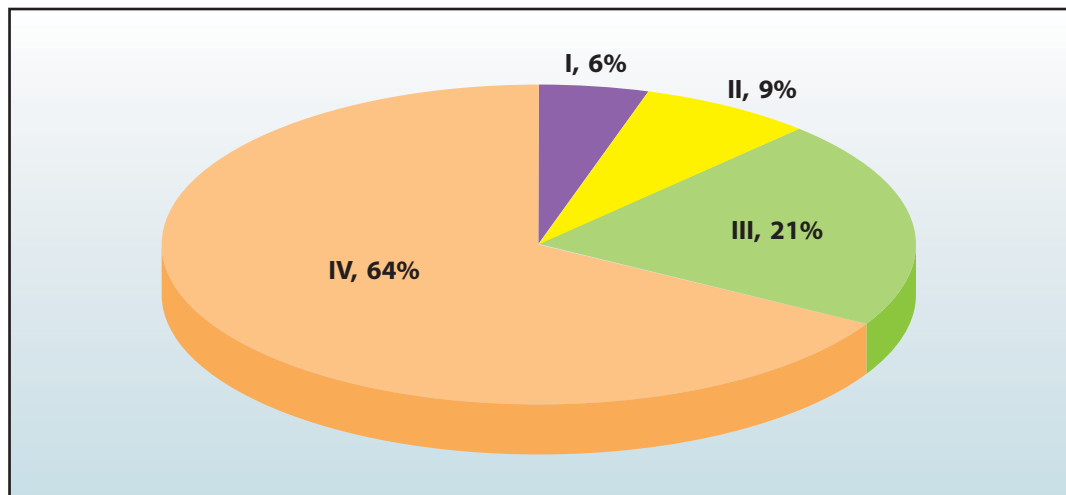


Figure 3.9.2 Distribution of stage for liver and bile duct cancer.





## COLORECTAL

**Table 5.8.1** Age and gender of colon and rectum cancer

Special Notes	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	62.96 (13.51)
Median and range age at diagnosis	64 (26:93)
<b>Gender</b>	
Male	147 (53.07%)
Female	130 (46.93%)
Sex ratio (male: female)	1.13:1

**Table 5.8.2** Most Valid method of diagnosis

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Surgery/operative finding	0	0	2	1.36	2	0.61
Cytology or Hematology	25	13.74	17	11.56	42	12.77
Histology or metastasis	14	7.69	9	6.12	23	6.99
Histology of primary	140	76.92	117	79.59	257	78.12
<b>Total</b>	<b>182</b>	<b>100.00</b>	<b>147</b>	<b>100.00</b>	<b>329</b>	<b>100.00</b>



Figure 5.8.1 Age at diagnosis of colon and rectum cancer, 2009, by sex.

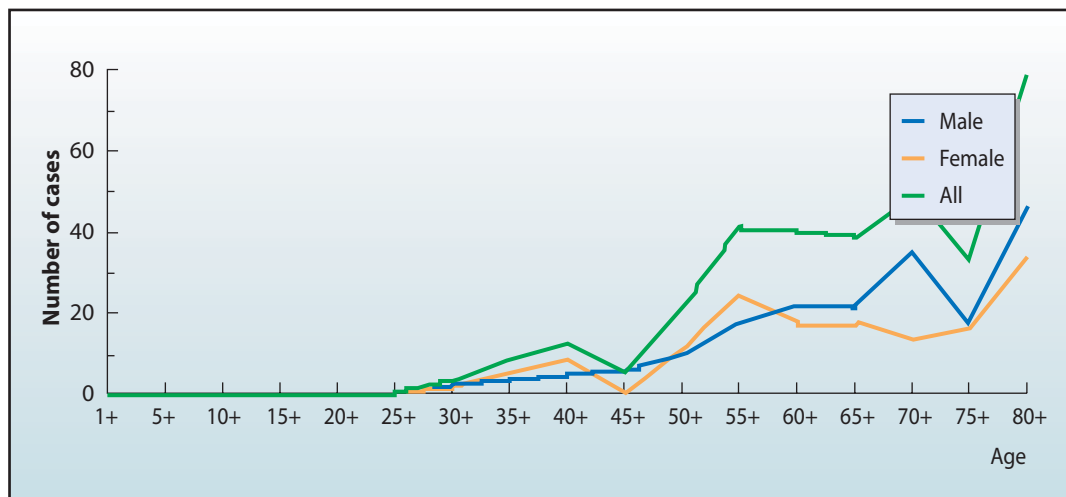
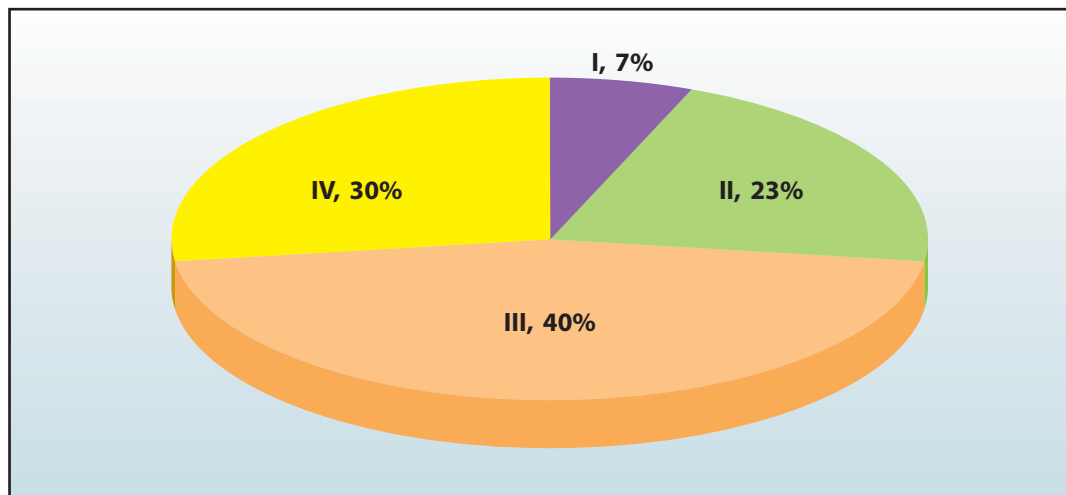


Figure 5.8.2 Distribution of stage for colon and rectum cancer.



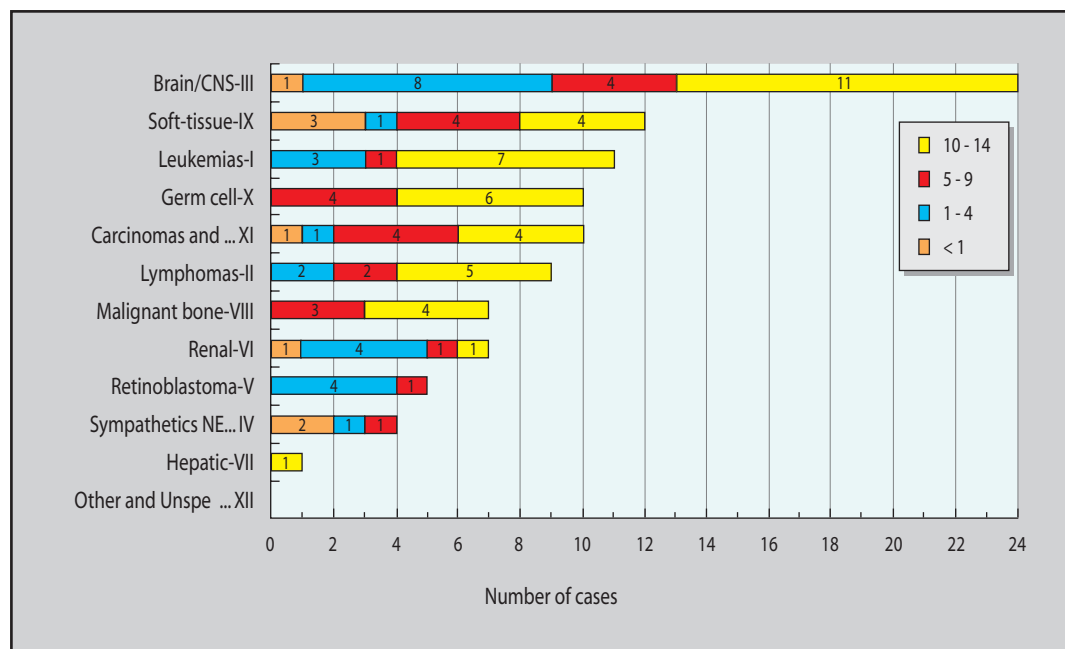


## CHILDHOOD CANCER

**Table 5.9.1** Age and gender of Childhood Cancer

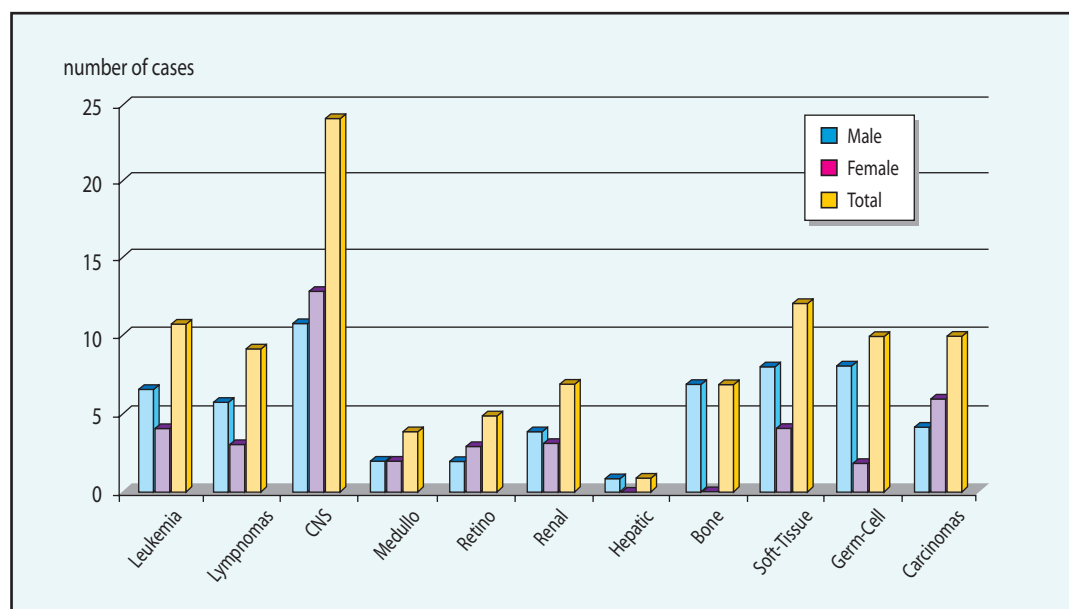
Special Notes	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	6.93 (4.45)
Median and range age at diagnosis	6 (0:14)
% of the patient is lower than 15 year of age at diagnosis	100.00%
<b>Gender</b>	
Male	80, 60.15%
Female	53, 39.85%
Sex ratio (male: female)	1.51:1

**Figure 5.9.1** Number of childhood cancer by ICCC group, age<15, both sexes



**Table 5.9.2** Number of Cancers in Childhood by ICCC group, age <15 both sexes

ICCC group	Male		Female		Total	
	N	%	N	%	N	%
I Leukemia	7	11.67	4	10.00	11	11.00
II Lymphomas	6	10.00	3	7.50	9	9.00
III CNS and Miscellaneous	11	18.33	13	32.50	24	24.00
IV Medulloblastoma	2	3.33	2	5.00	4	4.00
V Retinoblastoma	2	3.33	3	7.50	5	5.00
VI Renal Tumors	4	6.67	3	7.50	7	7.00
VII Hepatic Tumors	1	1.67	0	0.00	1	1.00
VIII Malignant Bone	7	11.67	0	0.00	7	7.00
IX Soft-Tissue Sarcomas	8	13.33	4	10.00	12	12.00
X Germ-Cell	8	13.33	2	5.00	10	10.00
XI Carcinomas and other	4	6.67	6	15.00	10	10.00
<b>Total</b>	<b>72</b>	<b>100.00</b>	<b>64</b>	<b>100.00</b>	<b>122</b>	<b>100.00</b>

**Figure 5.9.2** Number of childhood cancer by ICCC group, age<15, by sexes



## CHAPTER VI

### TIME TREND, 2001-2009

**6 LEADING SITES**

**ALL SITES OF CANCER**

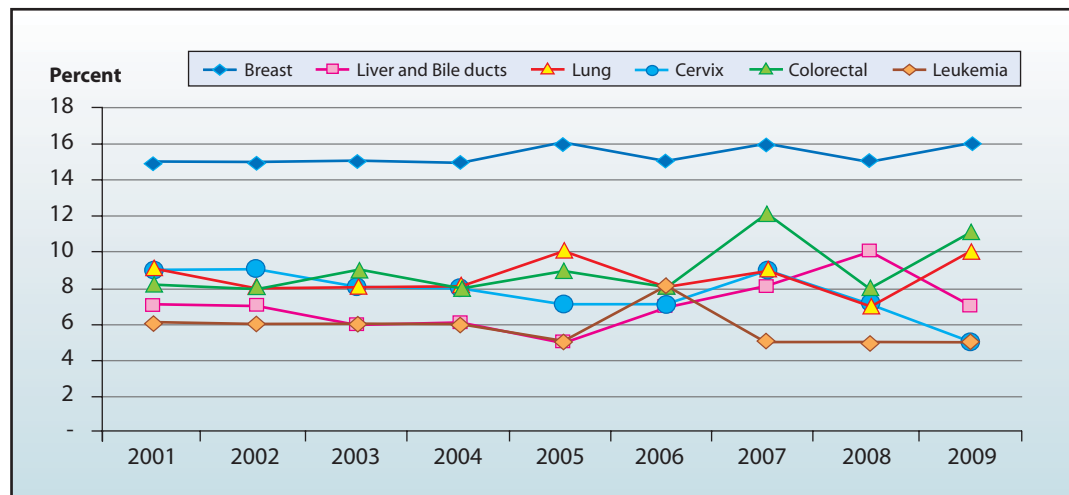
**PERCENTAGE OF MORPHOLOGICALLY VERIFIED**

**CHILDHOOD**



**Table 6.1.** Trend for 6 leading sites, all age and sexes.

Sites	ICD-O	Number of cases per year of diagnosis								
		2001	2002	2003	2004	2005	2006	2007	2008	2009
Breast	C50	389	345	373	377	419	456	464	490	456
Liver and Bile ducts	C22	174	168	163	158	123	217	218	318	215
Lung	C34	244	178	214	217	249	244	244	222	281
Cervix	C53	247	204	211	205	178	212	258	224	142
Colorectal	C18-20	202	178	219	215	229	249	330	274	329
Leukemia	C42	155	130	155	150	120	229	131	169	151
Others		1,220	1,105	1,185	1,261	1,296	1,369	1,201	1,638	1,346
<b>Total</b>		<b>2,631</b>	<b>2,308</b>	<b>2,520</b>	<b>2,583</b>	<b>2,614</b>	<b>2,976</b>	<b>2,846</b>	<b>3,335</b>	<b>2,920</b>

**Figure 6.1.** Percent of trend for 6 leading sites, all age and sexes.

**Table 6.2.** All sites of cancer in 2001-2009

Site	Male		Female		Total		ICD O
	N	%	N	%	N	%	
Lip	11	0.10	71	0.50	82	0.33	C00
Tongue	213	2.00	125	0.89	338	1.37	C01-C02
Mouth	163	1.53	152	1.08	315	1.27	C03-C06
Salivary gland	40	0.38	34	0.24	74	0.30	C07-C08
Oropharynx	130	1.22	36	0.26	166	0.67	C09-C10
Nasopharynx	428	4.02	212	1.51	640	2.59	C11
Hypopharynx	190	1.78	19	0.13	209	0.85	C12-C13
Pharynx unspecified	13	0.12	3	0.02	16	0.06	C14
Esophagus	296	2.78	48	0.34	344	1.39	C15
Stomach	269	2.53	300	2.13	569	2.30	C16
Small intestine	23	0.22	23	0.16	46	0.19	C17
Colon	718	6.74	642	4.56	1,360	5.50	C18
Rectum	476	4.47	402	2.85	878	3.55	C19-C21
Liver	1,289	12.11	465	3.30	1,754	7.09	C22
Gallbladder and other parts of biliary tract	130	1.22	141	1.00	271	1.10	C23-C24
Pancreas	146	1.37	121	0.86	267	1.08	C25
Nose, sinuses etc.	94	0.88	54	0.38	148	0.60	C30-C31
Larynx	282	2.65	32	0.23	314	1.27	C32
Trachea, Bronchus & lung	1,383	12.99	748	5.31	2,131	8.62	C33-C34
Thymus mediastinum	47	0.44	37	0.26	84	0.34	C37-C38
Bone	156	1.47	104	0.74	260	1.05	C40-C41
Haematopoietic and Reticuloendothelial	884	8.30	796	5.65	1,680	6.79	C42
Melanoma of skin	1	0.01	0	0.00	1	0.00	C43
Other skin	330	3.10	430	3.05	760	3.07	C44
Peripheral and Autonomic nervous	8	0.08	12	0.09	20	0.08	C47
Retroperitoneum and peritoneum	17	0.16	30	0.21	47	0.19	C48
Connective, Subcu. & Soft tissue	178	1.67	202	1.43	380	1.54	C49



Site	Male		Female		Total		ICD O
	N	%	N	%	N	%	
Breast	19	0.18	3,750	26.62	3,769	15.24	C50
Other female genital	0	0.00	94	0.67	94	0.38	C51,C52, C57
Cervix uteri	0	0.00	1,881	13.35	1,881	7.61	C53
Corpus uteri	1	0.01	582	4.13	583	2.36	C54
Uterus unspecified	0	0.00	37	0.26	37	0.15	C55
Ovary	0	0.00	598	4.25	598	2.42	C56
Placenta	0	0.00	9	0.06	9	0.04	C58
Penis	48	0.45	0	0.00	48	0.19	C60
Prostate	732	6.88	2	0.01	734	2.97	C61
Testis	53	0.50	0	0.00	53	0.21	C62
Bladder	461	4.33	150	1.06	611	2.47	C67
Kidney etc	172	1.62	144	1.02	316	1.28	C64-C66, C68
Eye	69	0.65	56	0.40	125	0.51	C69
Meninges	0	0.00	10	0.07	10	0.04	C70
Brain, nervous system	313	2.94	257	1.82	570	2.30	C71
Spinal cord and nervous system	18	0.17	18	0.13	36	0.15	C72
Thyroid	133	1.25	646	4.59	779	3.15	C73
Adrenal gland	19	0.18	26	0.18	45	0.18	C74
Other endocrine gland	16	0.15	2	0.01	18	0.07	C75
Other and ill-defined site	26	0.24	14	0.10	40	0.16	C76
Lymphnodes	422	3.96	358	2.54	780	3.15	C77
Unknown primary site	230	2.16	213	1.51	443	1.79	C80
All sites	10,647	100.00	14,086	100.00	24,733	100.00	ALL

**Table 6.3** Percentage of morphologically verified and death certificate only case in 2001-2009

Site	Male		Female		Total		ICD O
	Case	%MV	Case	%MV	Case	%MV	
Lip	11	100.00	71	94.37	82	95.12	C00
Tongue	213	94.37	125	96.00	338	94.97	C01-C02
Mouth	163	96.32	152	96.71	315	96.51	C03-C06
Salivary gland	40	95.00	34	100.00	74	97.30	C07-C08
Oropharynx	130	95.38	36	100.00	166	96.39	C09-C10
Nasopharynx	428	96.50	212	93.87	640	95.63	C11
Hypopharynx	190	97.37	19	94.74	209	97.13	C12-C13
Pharynx unspecified	13	100.00	3	100.00	16	100.00	C14
Esophagus	296	93.24	48	93.75	344	93.31	C15
Stomach	269	95.91	300	93.33	569	94.55	C16
Small intestine	23	91.30	23	91.30	46	91.30	C17
Colon	718	95.96	642	95.17	1,360	95.59	C18
Rectum	476	96.01	402	97.01	878	96.47	C19-C21
Liver	1,289	59.19	465	59.78	1,754	59.35	C22
Gallbladder and other parts of biliary tract	130	84.62	141	82.27	271	83.39	C23-C24
Pancreas	146	61.64	121	59.50	267	60.67	C25
Nose, sinuses etc.	94	93.62	54	96.30	148	94.59	C30-C31
Larynx	282	95.74	32	93.75	314	95.54	C32
Trachea, Bronchus & lung	1,383	87.71	748	89.44	2,131	88.32	C33-C34
Thymus mediastinum	47	95.74	37	94.59	84	95.24	C37-C38
Bone	156	96.15	104	96.15	260	96.15	C40-C41
Haematopoietic and Reticuloendothelial	884	97.62	796	97.61	1,680	97.62	C42
Melanoma of skin	1	100.00	0	0.00	1	100.00	C43
Other skin	330	99.39	430	99.30	760	99.34	C44
Peripheral and Autonomic nervous	8	100.00	12	91.67	20	95.00	C47
Retroperitoneum and peritoneum	17	94.12	30	93.33	47	93.62	C48
Connective, Subcu. & Soft tissue	178	99.44	202	98.02	380	98.68	C49



Site	Male		Female		Total		ICD O
	Case	%MV	Case	%MV	Case	%MV	
Breast	19	100.00	3,750	97.55	3,769	97.56	C50
Other female genital	0	0.00	94	96.81	94	96.81	C51,C52, C57
Cervix uteri	0	0.00	1,881	96.76	1,881	96.76	C53
Corpus uteri	1	100.00	582	98.11	583	98.11	C54
Uterus unspecified	0	0.00	37	97.30	37	97.30	C55
Ovary	0	0.00	598	93.48	598	93.48	C56
Placenta	0	0.00	9	88.89	9	88.89	C58
Penis	48	91.67	0	0.00	48	91.67	C60
Prostate	732	92.08	2	100.00	734	92.10	C61
Testis	53	96.23	0	0.00	53	96.23	C62
Bladder	461	95.66	150	95.33	611	95.58	C67
Kidney etc	172	95.35	144	93.06	316	94.30	C64-C66, C68
Eye	69	85.51	56	89.29	125	87.20	C69
Meninges	0	0.00	10	80.00	10	80.00	C70
Brain, nervous system	313	87.54	257	82.88	570	85.44	C71
Spinal cord and nervous system	18	55.56	18	94.44	36	75.00	C72
Thyroid	133	97.74	646	97.37	779	97.43	C73
Adrenal gland	19	89.47	26	96.15	45	93.33	C74
Other endocrine gland	16	87.50	2	50.00	18	83.33	C75
Other and ill-defined site	26	96.15	14	100.00	40	97.50	C76
Lymphnodes	422	97.63	358	98.88	780	98.21	C77
Unknown primary site	230	84.35	213	83.10	443	83.75	C80
All sites	10,647	89.53	14,086	94.50	24,733	92.36	ALL

**Table 6.4** Number of cancer cases in childhood by ICCC group, age <15 both sexes, 2001-2009

ICCC GROUP	Both sexes	Male					Female					M:F	%MV
		< 1	1-4	5-9	10-14	All	< 1	1-4	5-9	10-14	All		
<b>I Leukemia</b>	<b>136</b>	<b>2</b>	<b>18</b>	<b>28</b>	<b>23</b>	<b>71</b>	<b>1</b>	<b>25</b>	<b>16</b>	<b>23</b>	<b>65</b>	<b>1.1:1</b>	<b>94.12</b>
Lymphoid Leukemia	49	1	8	8	8	25	1	13	6	4	24	1:1	97.96
Acute Leukemia	53	1	4	13	11	29	0	8	3	13	24	1.2:1	94.34
Chronic Myeloid Leukemia	16	0	2	3	1	6	0	3	2	5	10	0.6:1	100.00
Other Specified Leukemias	9	0	1	2	2	5	0	0	3	1	4	1.3:1	55.56
Unspecified Leukemias	9	0	3	2	1	6	0	1	2	0	3	2:1	100.00
<b>II Lymphomas and Reticuloendothelial Neoplasms</b>	<b>69</b>	<b>1</b>	<b>12</b>	<b>14</b>	<b>25</b>	<b>52</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>9</b>	<b>17</b>	<b>3.1:1</b>	<b>95.65</b>
Hodgkin's disease	10	0	0	3	5	8	0	0	0	2	2	4:1	100.00
Non-Hodgkin's lymphomas	41	1	7	9	16	33	0	2	1	5	8	4.1:1	95.12
Burkitt's lymphoma	5	0	2	1	1	4	0	0	1	0	1	4:1	80.00
Miscellaneous lymphoreticular neoplasms	4	0	1	1	1	3	0	1	0	0	1	3:1	100.00
Unspecified lymphomas	9	0	2	0	2	4	0	1	2	2	5	0.8:1	100.00
<b>III CNS and Miscellaneous Intracranial and Intraspinal Neoplasms</b>	<b>186</b>	<b>5</b>	<b>27</b>	<b>35</b>	<b>36</b>	<b>103</b>	<b>3</b>	<b>19</b>	<b>33</b>	<b>28</b>	<b>83</b>	<b>1.2:1</b>	<b>80.11</b>
Ependymoma	20	1	6	3	3	13	0	2	5	0	7	1.9:1	95.00
Astrocytoma	53	1	7	6	14	28	1	2	12	10	25	1.1:1	96.23
Primitive neuroectodermal tumors	69	2	10	14	13	39	1	8	6	15	30	1.3:1	85.51
Other gliomas	29	0	3	9	5	17	0	2	7	3	12	1.4:1	55.17
Miscellaneous intracranial and intraspinal neoplasms	2	0	0	0	1	1	0	1	0	0	1	1:1	100.00
Unspecified intracranial and intraspinal neoplasms	13	1	1	3	0	5	1	4	3	0	8	0.6:1	15.38
<b>IV Sympathetic Nervous System Tumors</b>	<b>54</b>	<b>5</b>	<b>10</b>	<b>6</b>	<b>1</b>	<b>22</b>	<b>4</b>	<b>8</b>	<b>12</b>	<b>8</b>	<b>32</b>	<b>0.7:1</b>	<b>96.30</b>
Neuroblastoma and ganglioneuroblastoma	52	5	10	5	1	21	4	8	12	7	31	0.7:1	96.15



ICCC GROUP	Both sexes	Male					Female					M:F	%MV
		< 1	1-4	5-9	10-14	All	< 1	1-4	5-9	10-14	All		
Other sympathetic nervous system tumors	2	0	0	1	0	1	0	0	0	1	1	1:1	100.00
<b>V Retinoblastoma</b>	<b>39</b>	<b>5</b>	<b>17</b>	<b>1</b>	<b>1</b>	<b>24</b>	<b>6</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>15</b>	<b>1.6:1</b>	<b>74.36</b>
Retinoblastoma	39	5	17	1	1	24	6	8	1	0	15	1.6:1	74.36
<b>VI Renal Tumors</b>	<b>34</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>16</b>	<b>2</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>18</b>	<b>0.9:1</b>	<b>67.65</b>
Wilms' tumor, rhabdoid and clear cell sarcoma	16	3	5	1	1	10	1	4	1	0	6	1.7:1	100.00
Renal carcinoma	5	0	0	0	1	1	0	2	1	1	4	0.3:1	100.00
Unspecified malignant renal tumors	13	1	1	3	0	5	1	4	3	0	8	0.6:1	15.38
<b>VII Hepatic Tumors</b>	<b>9</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3.5:1</b>	<b>100.00</b>
Hepatoblastoma	7	2	4	0	0	6	0	1	0	0	1	6:1	100.00
Hepatic carcinoma	2	0	0	0	1	1	0	0	0	1	1	1:1	100.00
Unspecified malignant hepatic tumors	0	0	0	0	0	0	0	0	0	0	0	0:0	0.00
<b>VIII Malignant Bone Tumors</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>35</b>	<b>45</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>16</b>	<b>28</b>	<b>1.6:1</b>	<b>95.89</b>
Osteosarcoma	64	0	0	9	31	40	0	0	9	15	24	1.7:1	95.31
Chondrosarcoma	4	0	0	1	2	3	0	1	0	0	1	3:1	100.00
Ewing's sarcoma	4	0	0	0	1	1	0	0	2	1	3	0.3:1	100.00
Unspecified malignant bone tumors	1	0	0	0	1	1	0	0	0	0	0	1:0	100.00
<b>IX Soft-Tissue Sarcomas</b>	<b>73</b>	<b>6</b>	<b>12</b>	<b>10</b>	<b>8</b>	<b>36</b>	<b>4</b>	<b>8</b>	<b>9</b>	<b>16</b>	<b>37</b>	<b>1:1</b>	<b>93.15</b>
Rhabdomyosarcoma and embryonal sarcoma	45	5	10	8	2	25	1	7	4	8	20	1.3:1	88.89
Fibrosarcoma, neurofibrosarcoma and other fibromatous neoplasms	8	0	0	1	1	2	0	1	3	2	6	0.3:1	100.00
Other specified softtissue sarcomas	14	1	0	1	3	5	3	0	1	5	9	0.6:1	100.00
Unspecified soft-tissue sarcomas	6	0	2	0	2	4	0	0	1	1	2	2:1	100.00



ICCC GROUP	Both sexes	Male					Female					M:F	%MV
		< 1	1-4	5-9	10-14	All	< 1	1-4	5-9	10-14	All		
<b>X Germ-Cell, Trophoblastic and other Gonadal Neoplasms</b>	<b>62</b>	<b>2</b>	<b>2</b>	<b>12</b>	<b>23</b>	<b>39</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>14</b>	<b>23</b>	<b>1.7:1</b>	<b>90.32</b>
Intracranial and intraspinal germ-cell tumors	35	0	1	10	18	29	0	0	1	5	6	4.8:1	94.29
Other and unspecified non-gonadal germ-cell tumors	11	0	1	1	2	4	2	1	1	3	7	0.6:1	90.91
Gonadal germ-cell tumors	15	2	0	1	3	6	0	2	2	5	9	0.7:1	80.00
Gonadal carcinomas	1	0	0	0	0	0	0	0	0	1	1	0:1	100.00
<b>XI Carcinomas and other Malignant Epithelial Neoplasms</b>	<b>42</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>8</b>	<b>18</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>18</b>	<b>24</b>	<b>0.8:1</b>	<b>100.00</b>
Adrenocortical carcinoma	2	0	0	0	0	0	0	1	0	1	2	0:2	100.00
Thyroid carcinoma	11	0	0	0	1	1	0	0	3	7	10	0.1:1	100.00
Nasopharyngeal carcinoma	9	0	0	5	3	8	0	0	0	1	1	8:1	100.00
Malignant melanoma	2	0	0	0	0	0	0	0	0	2	2	0:2	100.00
Skin carcinoma	1	1	0	0	0	1	0	0	0	0	0	1:0	100.00
Other and unspecified carcinomas	17	0	2	2	4	8	2	0	0	7	9	0.9:1	100.00
<b>XII Other and Unspecified Malignant Neoplasms</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>0.5:1</b>	<b>66.67</b>
Other specified malignant tumors	1	0	0	0	0	0	0	0	0	1	1	0:1	0.00
Other unspecified malignant tumors	5	0	1	0	1	2	1	1	1	0	3	0.7:1	80.00
<b>Total</b>	<b>783</b>	<b>33</b>	<b>111</b>	<b>127</b>	<b>164</b>	<b>435</b>	<b>25</b>	<b>89</b>	<b>99</b>	<b>135</b>	<b>348</b>	<b>1.3:1</b>	<b>88.89</b>



# Cancer Report 2009



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