



Mahidol University  
Faculty of Medicine Ramathibodi Hospital

# CANCER REPORT 2018



Ramathibodi Comprehensive Cancer Center

Faculty of Medicine Ramathibodi Hospital

Mahidol University, Bangkok Thailand

ISBN : 978-616-443-508-7



# **RAMATHIBODI CANCER REPORT**

**2018**

**Ramathibodi Cancer Registry : A subsidiary of  
Ramathibodi Comprehensive Cancer Center**

**Faculty of Medicine, Ramathibodi Hospital**

**Mahidol University**



## INTRODUCTION

Ramathibodi Cancer Registry 2018 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 Comprehensive Cancer Registry 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.

A handwritten signature in blue ink, appearing to read "Surasak Leelaodomlipi".

**Association Professor Surasak Leelaodomlipi**

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, Professor Piyamitr Sritara, for his support and providing resources for this Cancer Registry.

The director of Ramathibodi Hospital, Associate Professor Surasak Leelaudomlipi for all his support and advise.

The former chairman of Ramathibodi Comprehensive Cancer Registry Committee; Associate Professor Ekaphop Sirachainan for all his support and advise in preparing this report.

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.

Cancer Registry staffs of the Faculty of Medicine, Ramathibodi Hospital for their continuous support in the data collection.

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

**Professor Sarikapan Wilailak**

Chairman, Cancer Registry Committee  
Ramathibodi hospital, Mahidol University



## RAMATHIBODI HOSPITAL CANCER COMMITTEE, 2018

### **CHAIRMAN:**

Assoc.Prof.Ekapob Sirachainan, M.D.

Department of Medicine

### **COMMITTEE:**

Prof. Suradej Hongeng, M.D.	Department of Pediatrics
Prof. Sarikapan Wilailak, M.D.	Department of Obstetrics and Gynecology
Assoc. Prof. Arb-Aroon Lertkhachonsuk, M.D.	Department of Obstetrics and Gynecology
Assoc. Prof. Pimjai Niparuck, M.D.	Department of Medicine
Asst. Prof. Thitiya Dejthewaporn, M.D.	Department of Medicine
Assoc. Prof. Panuwat Lertsithichai, M.D.	Department of Surgery
Assoc. Prof. Prakasit Chirappapha, M.D.	Department of surgery
Assoc. Prof. Natini Jinawath, M.D.	Department of Translational Medicine
Asst. Prof. Jariya Waisayarat, M.D.	Department of Pathology
Asst. Prof. Chomporn Sitathanee, M.D.	Department of Radiology
Asst. Prof. Thongchai Bhongmakapat, M.D.	Department of Otolaryngology
Asst. Prof. Saran Subhadrabandhu, M.D.	Department of Orthopaedics
Prakrit Suwanpramote, M.D.	Department of Orthopaedics
Duangnate Rojanaponrn, M.D.	Department of Ophthalmology
Kidakorn Kiranantawat, M.D.	Department of surgery
Suwannee Sirilerttrakul	Nursing Affairs

### **COMMITTEE AND SECRETARY:**

Nintita Sripaiboonkij Thokanit, Dr.PH

Ramathibodi Comprehensive Cancer Center



## RAMATHIBODI HOSPITAL CANCER REGISTRY COMMITTEE, 2018

### CHAIRMAN:

Prof. Sarikapan Wilailak, M.D. Department of Obstetrics and Gynecology

### COMMITTEE:

Assoc. Prof. Sansanee Wongwaisayawan, M.D.	Department of Pathology
Prof. Suradej Hongeng, M.D.	Department of Pediatrics
Assoc. Prof. Ekapob Sirachainan, M.D.	Department of Medicine
Assoc. Prof. Arb-Aroon Lertkhachonsuk, M.D.	Department of Obstetrics and Gynecology
Asst. Prof. Chomporn Sitathanee, M.D.	Department of Radiology
Assoc. Prof. Panuwat Lertsithichai, M.D.	Department of Surgery
Panus Binsirawanich, M.D.	Department of Otolaryngology
Manmana Jirajarus	Nursing Affairs

### COMMITTEE AND SECRETORY:

Nintita Sripaiboonkij Thokanit, Dr.Ph Ramathibodi Comprehensive Cancer Center

### CANCER REGISTRY TEAM:

Nintita Sripaiboonkij Thokanit, Dr.PH	Medical Statistics officer
Sopit Promchana	Medical Statistician
Tanapol Thonkamdee	Medical Statistician
Pornsuda Jitkasikorn	Medical Statistician
Jakkapong Pongsachai	General Affairs Officer
Chanpen Preedee	General Affairs Officer
Pisamai Srinaka	High Vocational Certificate



## TABLE OF CONTENT

INTRODUCTION .....	II
ACKNOWLEDGEMENTS.....	III
RAMATHIBODI HOSPITAL CANCER COMMITTEE, 2018.....	IV
RAMATHIBODI HOSPITAL CANCER REGISTRY COMMITTEE, 2018 .....	V
<b>CHAPTER I</b>	
<b>REGISTRY PROCEDURE AND STATISTICAL METHODS.....</b>	<b>1</b>
1.1 Purpose of the registry .....	1
1.2 Data collection .....	1
1.3 Statistical Methods.....	2
<b>CHAPTER II</b>	
<b>OVERALL CANCERS.....</b>	<b>3</b>
Table 2.1 Number of patients .....	3
Table 2.2 Most valid method of diagnosis.....	4
Table 2.3 Number of cancer case by staging of present extent of disease .....	5
Table 2.4 Number of cancer case by age and sex, 2018 .....	6
<b>CHAPTER III</b>	
<b>TEN LEADING SITES OF CANCER, 2018.....</b>	<b>7</b>
Table 3.1 Ten leading sites of cancer in both sexes.....	7
Table 3.2 Ten leading sites of cancer in male. ....	8
Table 3.3 Ten leading sites of cancer in female. ....	9
Table 3.4 Site of cancer in childhood by ICCC, age<15, both sexes. ....	10
<b>CHAPTER IV</b>	
<b>RAMATHIBODI CANCER REGISTRY .....</b>	<b>11</b>
Table 4.1 Annual reports.....	11
Table 4.2 Percentage of morphologically verified and death certificate only case ....	13
Table 4.3 Number of cancer case by site, sex and age .....	15
Table 4.4 Number of cancer case by primary site.....	21
Table 4.5 Number of cancer case by pathology according to site. ....	26
<b>CHAPTER V</b>	
<b>THE MOST COMMON CANCER SITES .....</b>	<b>45</b>
Breast .....	46
Colorectal .....	48
Lung and bronchus .....	50
Liver and Intrahepatic bile ducts .....	52
Thyroid gland.....	54
Prostate gland.....	56
Childhood cancer.....	58
<b>CHAPTER VI</b>	
<b>DISTRIBUTION BY REGIONAL OF THAILAND .....</b>	<b>60</b>



# 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 collated. The goods 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 effectively plan services, measure prevention 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 planning health policy.

### 1.2 Data collection

Each department in Ramathibodi hospital including surgical out patient, radiation outpatient and pathology laboratory is responsible to complete 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

1. 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 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

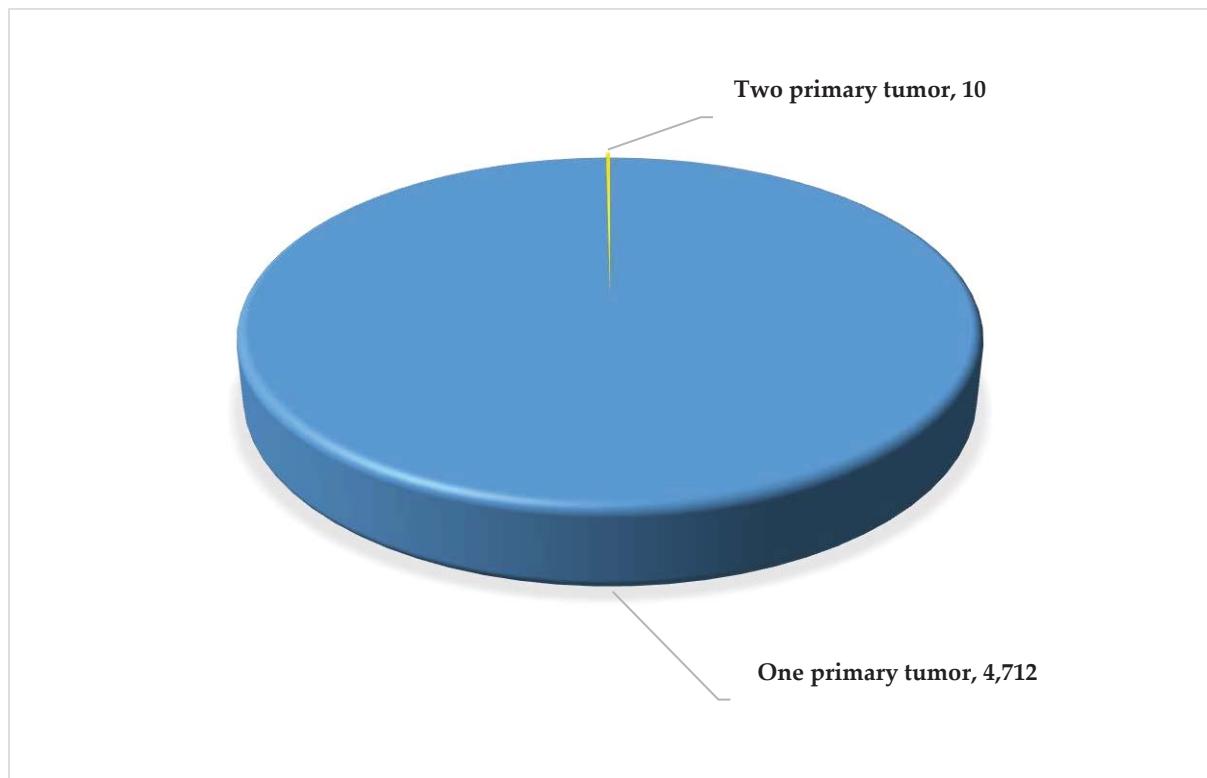


## CHAPTER II

### OVERALL CANCERS

**Table 2.1** Number of patients

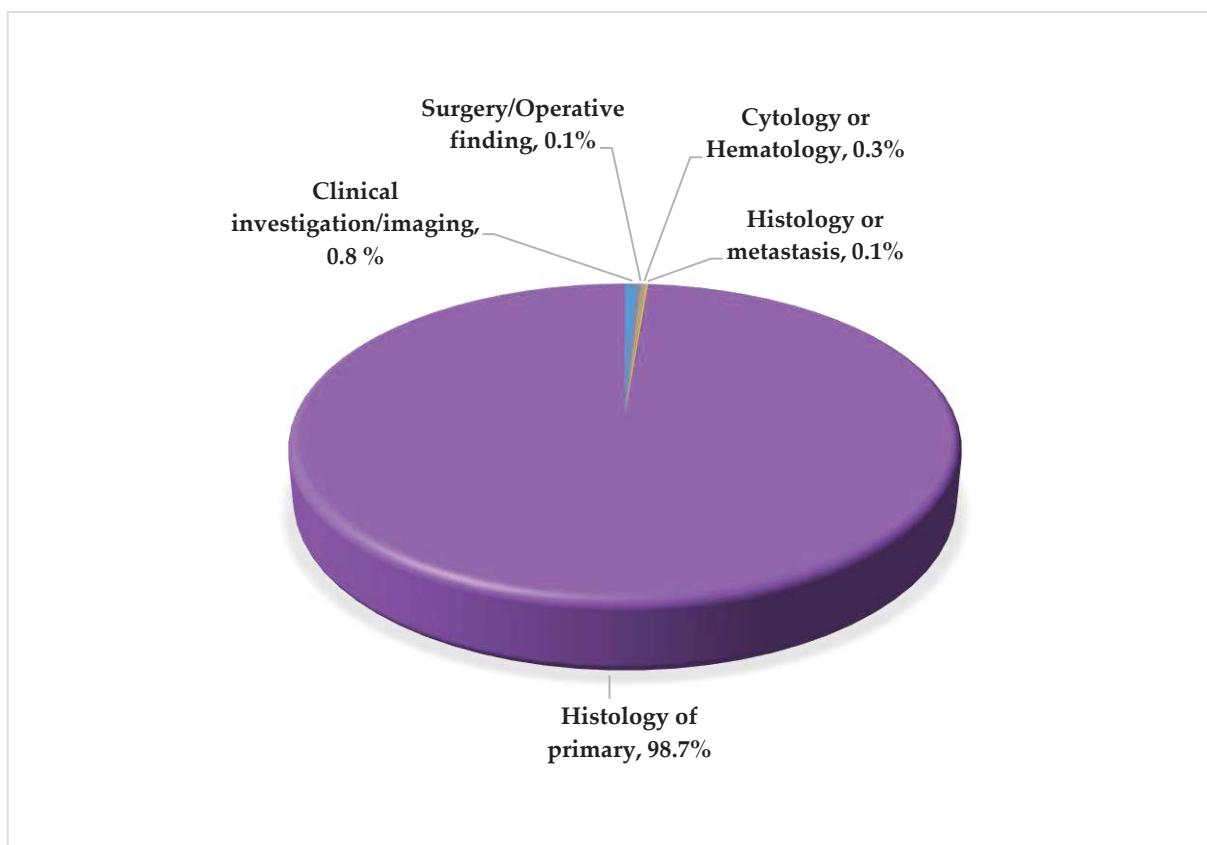
Type of patients	Male (Number, %)	Female (Number, %)	Total (Number, %)
One primary tumor	1,982 (99.8%)	2,730 (99.8%)	4,712 (99.8%)
Two primary tumor	4 (0.2%)	6 (0.2%)	10 (0.2%)
<b>Total</b>	<b>1,986</b>	<b>2,736</b>	<b>4,722</b>



**Figure 2.1** Number of patients

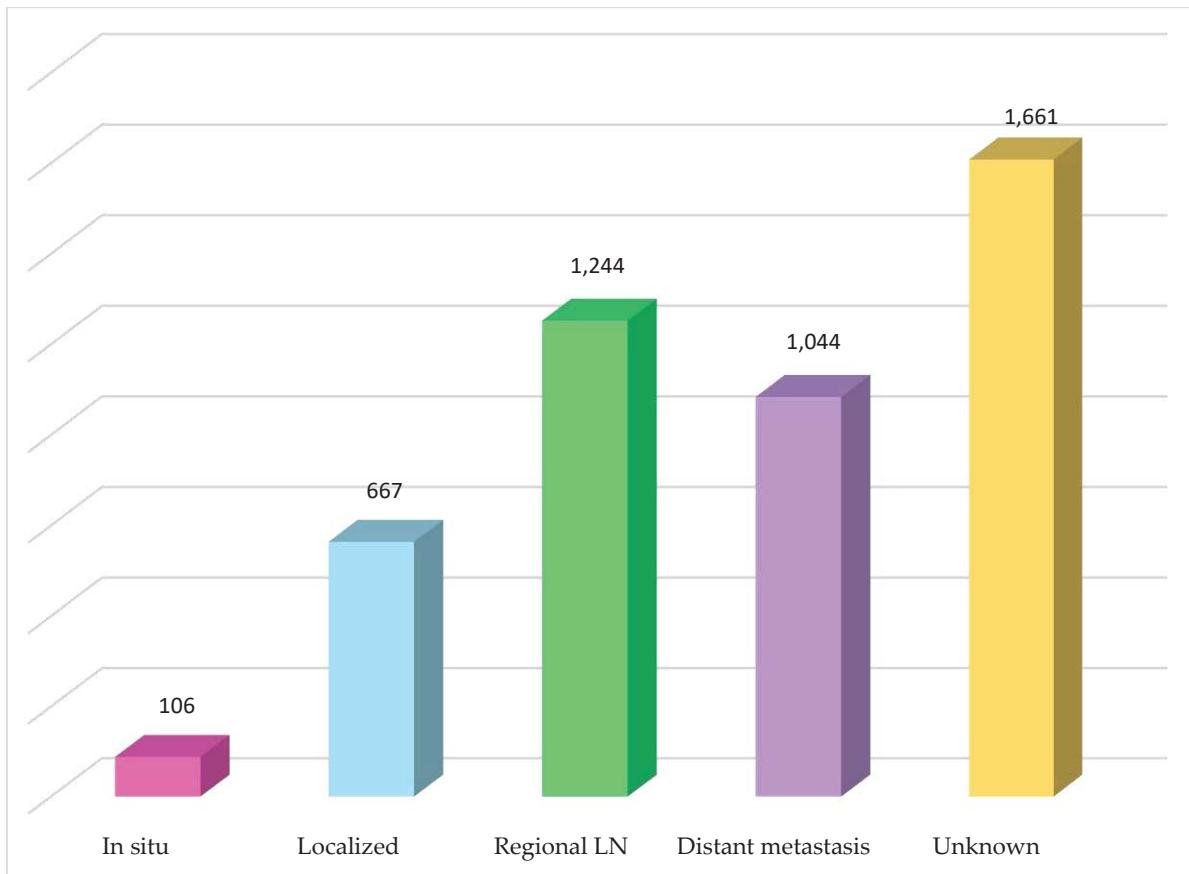
**Table 2.2** Most valid method of diagnosis.

Basis of diagnosis	Number	%
Clinical investigation/imaging	39	0.8
Surgery/Operative finding	5	0.1
Cytology or Hematology	15	0.3
Histology or metastasis	4	0.1
Histology of primary	4,659	98.7
<b>Total</b>	<b>4,722</b>	<b>100.0</b>

**Figure 2.2** Most valid method of diagnosis.

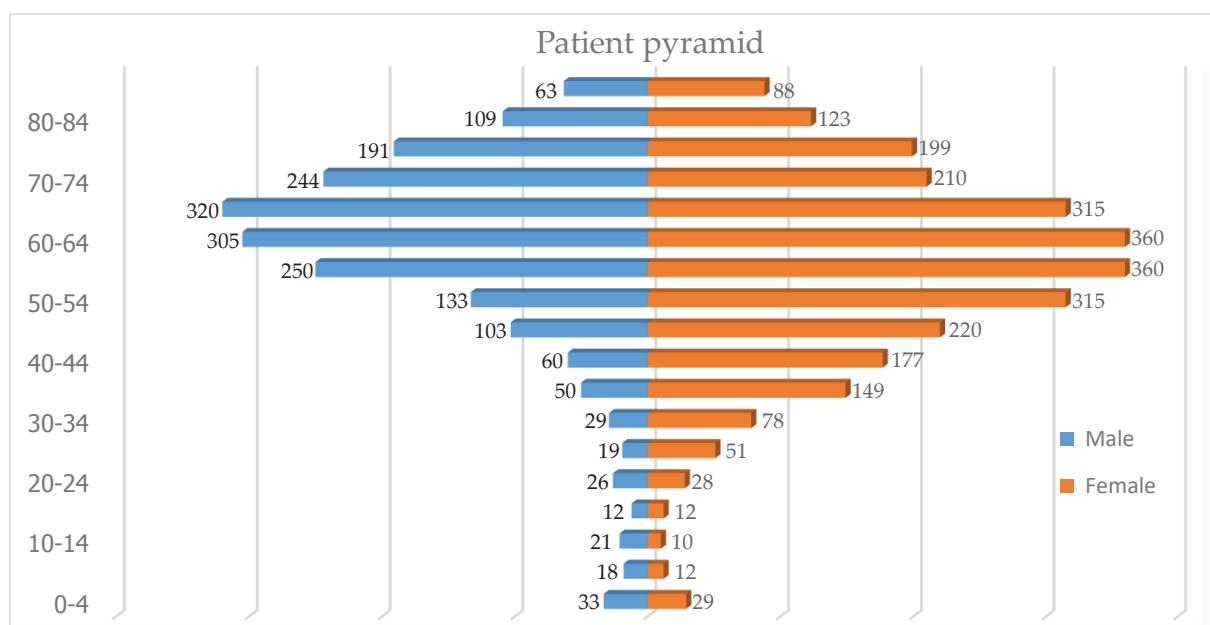
**Table 2.3** Number of cancer case by staging of present extent of disease

Staging	Male		Female		Total	
	Number	%	Number	%	Number	%
In situ	8	0.4	98	3.6	106	2.2
Localized	101	5.1	566	20.7	667	14.1
Regional LN	448	22.6	796	29.1	1,244	26.3
Distant metastasis	544	27.4	500	18.3	1,044	22.1
Unknown	885	44.6	776	28.4	1,661	35.2
<b>Total</b>	<b>1,986</b>	<b>100.0</b>	<b>2,736</b>	<b>100.0</b>	<b>4,722</b>	<b>100.0</b>

**Figure 2.3** Number of cancer case by present extent of disease

**Table 2.4** Number of cancer case by age and sex, 2018

Age group	Male		Female		Both sexes	
	Number	%	Number	%	Number	%
0-4	33	1.8	29	1.2	62	1.5
5-9	18	1.0	12	0.5	30	0.7
10-14	21	1.1	10	0.4	31	0.7
15-19	12	0.7	12	0.5	24	0.6
20-24	26	1.4	28	1.1	54	1.2
25-29	19	1.0	51	2.1	70	1.6
30-34	29	1.5	78	3.1	107	2.4
35-39	50	2.7	149	5.9	199	4.5
40-44	60	3.2	177	7.0	237	5.3
45-49	103	5.5	220	8.4	323	7.2
50-54	133	7.2	315	12.0	448	9.9
55-59	250	13.0	360	13.0	610	13.0
60-64	305	15.5	360	13.0	665	14.1
65-69	320	15.9	315	10.8	635	13.0
70-74	244	11.6	210	7.2	454	9.1
75-79	191	8.9	199	6.8	390	7.7
80-84	109	5.1	123	4.2	232	4.6
85+	63	2.7	88	2.8	151	2.8
<b>Total</b>	<b>1,986</b>	<b>100.0</b>	<b>2,736</b>	<b>100.0</b>	<b>4,722</b>	<b>100.0</b>
<b>Mean</b>	<b>60.5</b>		<b>57.3</b>		<b>58.6</b>	
<b>S.D.</b>	<b>17.3</b>		<b>16.4</b>		<b>16.9</b>	


**Figure 2.4** Patient pyramids, 01/01/2018 - 31/12/2018

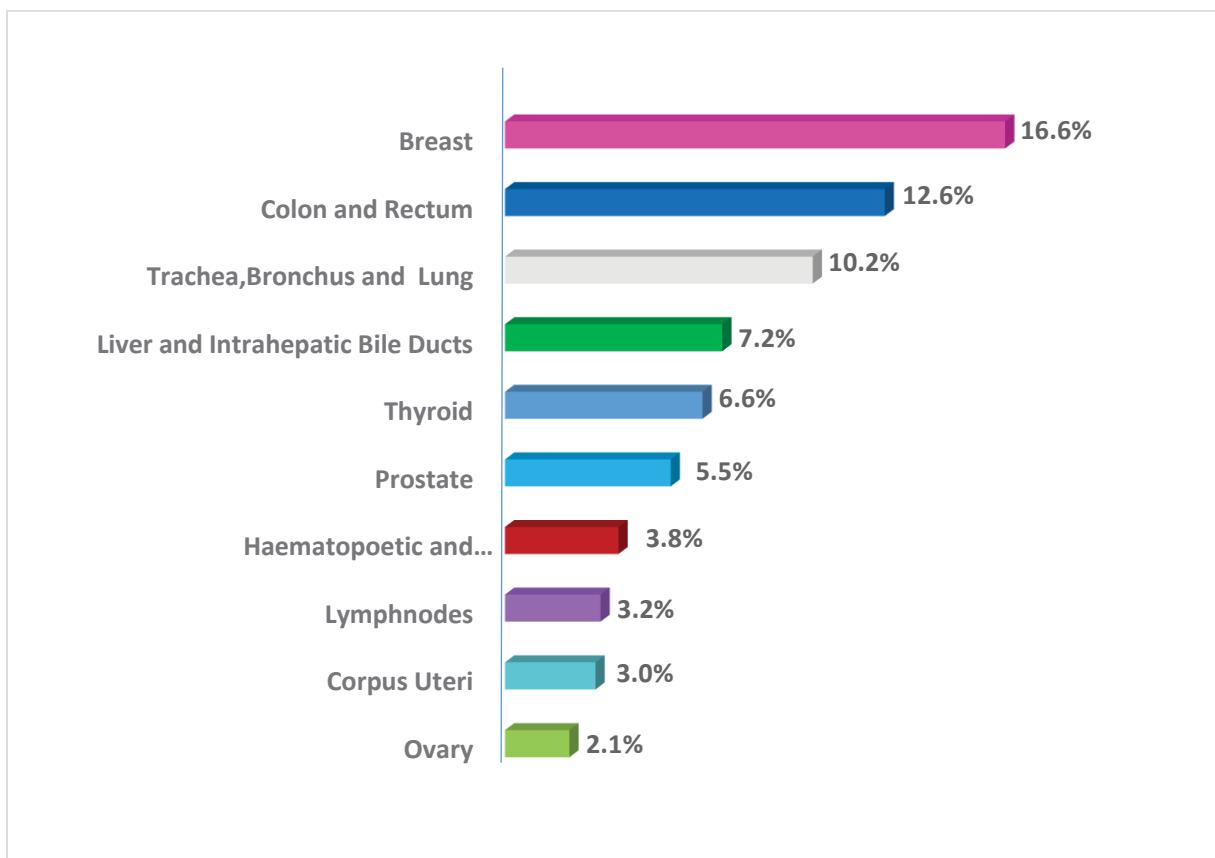


## CHAPTER III

### TEN LEADING SITES OF CANCER, 2018

**Table 3.1** Ten leading sites of cancer in both sexes.

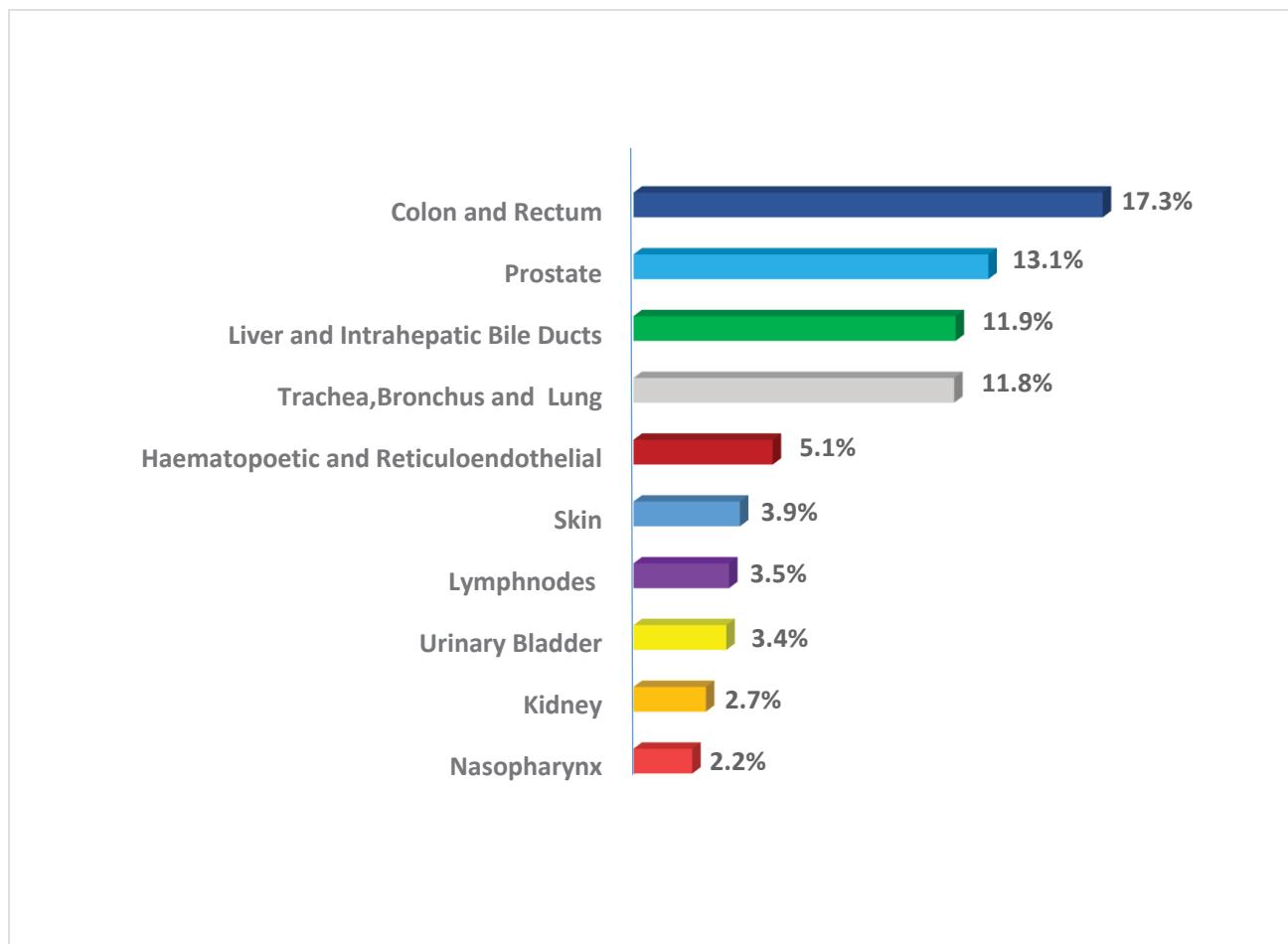
Site	ICD-O	Number of cases	%
1. Breast	C50	785	16.6
2. Colon and Rectum	C18-20	596	12.6
3. Trachea, Bronchus and Lung	C33-34	483	10.2
4. Liver and Intrahepatic Bile Ducts	C22	341	7.2
5. Thyroid	C73	310	6.6
6. Prostate	C61	260	5.5
7. Haematopoietic and Reticuloendothelial	C42	178	3.8
8. Lymphnodes	C77	150	3.2
9. Corpus Uteri	C54	142	3.0
10. Ovary	C56	101	2.1
11. Other		1,376	29.1
<b>Total</b>		<b>4,722</b>	<b>100.0</b>



**Figure 3.1** Ten leading sites of cancer in both sexes.(%)

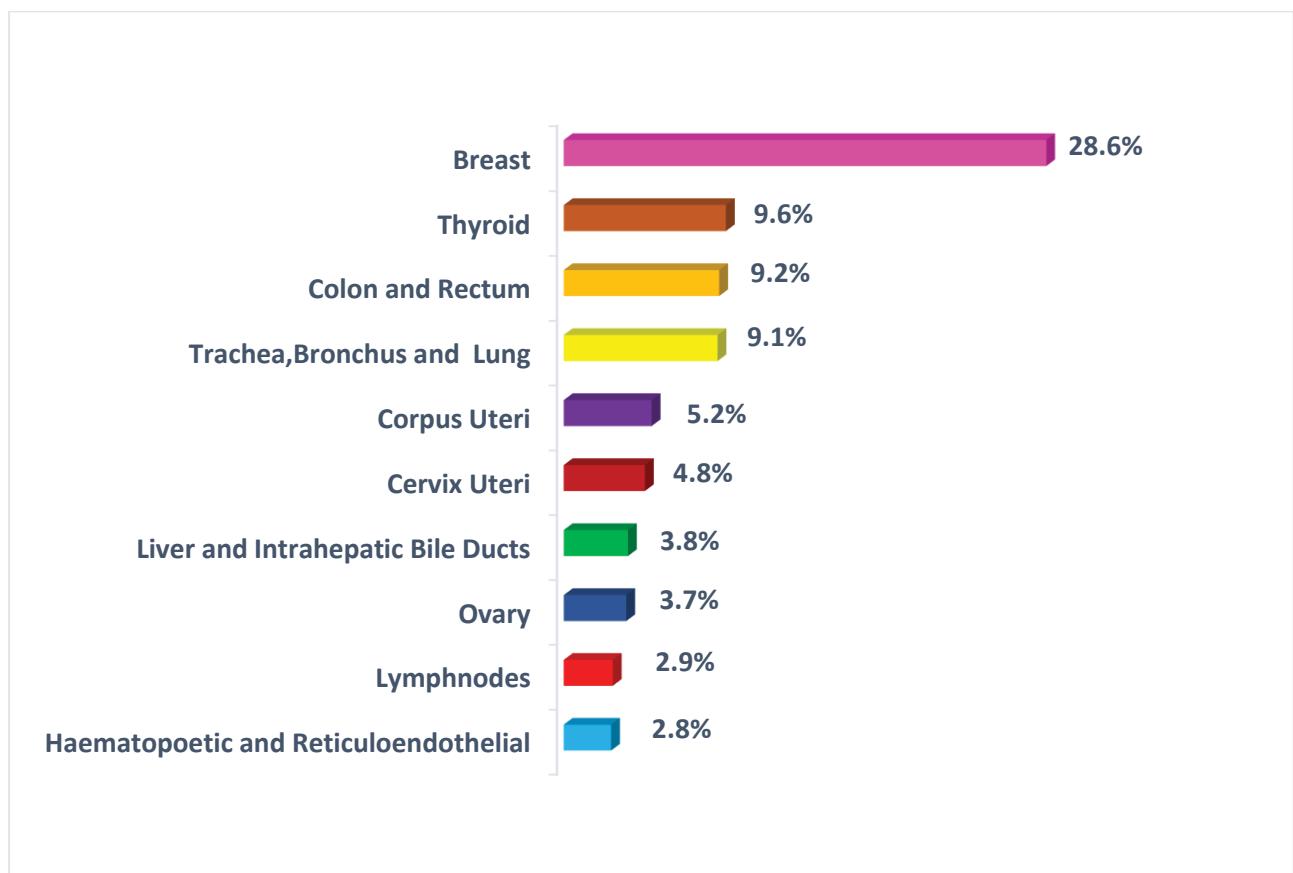
**Table 3.2** Ten leading sites of cancer in male.

Site	ICD-O	Number of cases	%
1. Colon and Rectum	C18-20	344	17.3
2. Prostate	C61	260	13.1
3. Liver and Intrahepatic Bile Ducts	C22	236	11.9
4. Trachea,Bronchus and Lung	C33 - C34	235	11.8
5. Haematopoetic and Reticuloendothelial	C42	102	5.1
6. Skin	C44	78	3.9
7. Lymphnodes	C77	70	3.5
8. Urinary Bladder	C67	68	3.4
9. Kidney	C64	53	2.7
10. Nasopharynx	C11	43	2.2
11. Other		497	25.0
<b>Total</b>		<b>1,986</b>	<b>100.0</b>


**Figure 3.2** Ten leading sites of cancer in male. (%)

**Table 3.3** Ten leading sites of cancer in female.

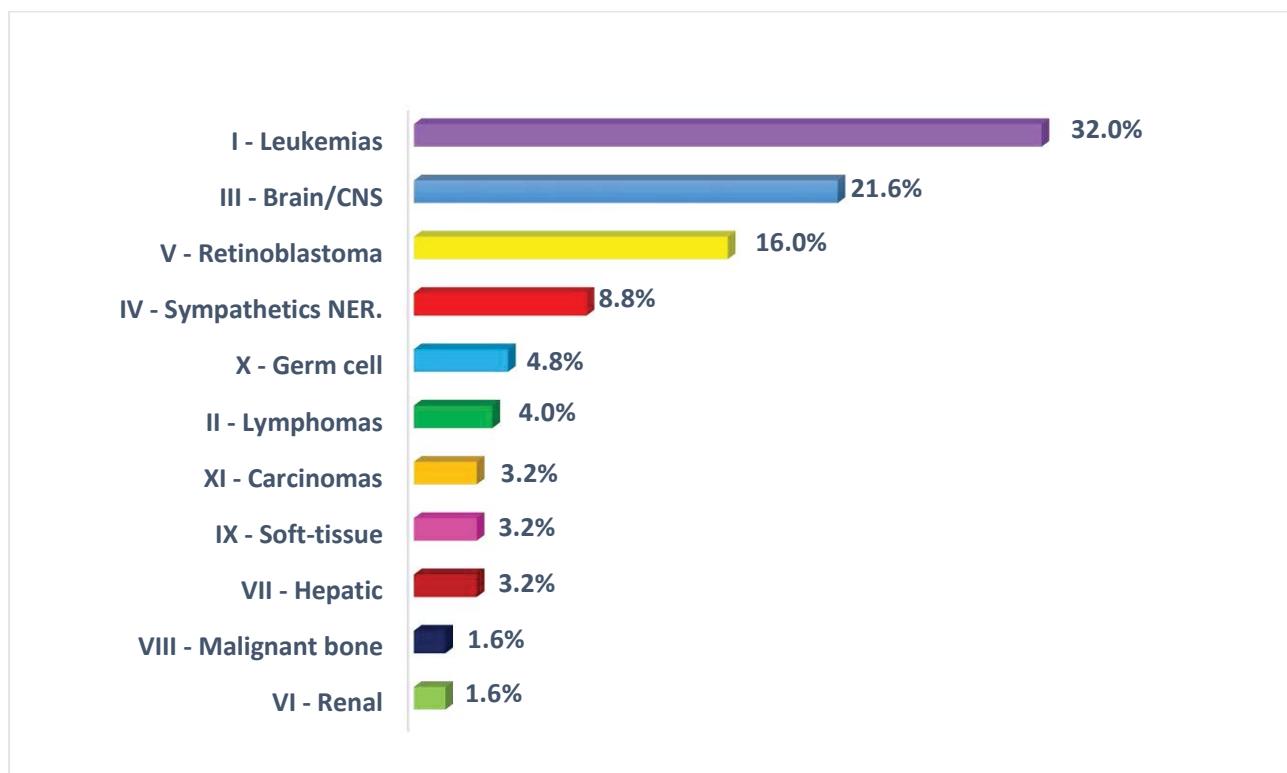
Site	ICD-O	Number of cases	%
1. Breast	C50	782	28.6
2. Thyroid	C73	262	9.6
3. Colon and Rectum	C18-C20	252	9.2
4. Trachea,Bronchus and Lung	C33-C34	248	9.1
5. Corpus Uteri	C54	142	5.2
6. Cervix Uteri	C53	130	4.8
7. Liver and Intrahepatic Bile Ducts	C22	105	3.8
8. Ovary	C56	101	3.7
9. Lymphnodes	C77	80	2.9
10. Haematopoetic and Reticuloendothelial	C42	76	2.8
11. Other		558	20.4
<b>Total</b>		<b>2,736</b>	<b>100.0</b>

**Figure 3.3** Ten leading sites of cancer in female. (%)

**Table 3.4** Site of cancer in childhood by ICCC, age<15, both sexes.

Site	Male		Female		Total	
	Number	%	Number	%	Number	%
Leukemias-I	27	37.0	13	25.0	40	32.0
Lymphomas-II	5	6.8	0	0.0	5	4.0
Brain/CNS-III	15	20.5	12	23.1	27	21.6
Sympathetics NER-IV	6	8.2	5	9.6	11	8.8
Retinoblastoma-V	10	13.7	10	19.2	20	16.0
Renal-VI	0	0.0	2	3.8	2	1.6
Hepatic-VII	2	2.7	2	3.8	4	3.2
Malignant bone-VIII	2	2.7	0	0.0	2	1.6
Soft-tissue-IX	2	2.7	2	3.8	4	3.2
Germ cell-X	4	5.5	2	3.8	6	4.8
Carcinomas-XI	0	0.0	4	7.7	4	3.2
<b>Total</b>	<b>73</b>	<b>100.0</b>	<b>52</b>	<b>100.0</b>	<b>125</b>	<b>100.0</b>

\*ICCC: International childhood cancer Classification


**Figure 3.4** Site of cancer in childhood by ICCC, age<15, both sexes. (%)



## CHAPTER IV

### RAMATHIBODI CANCER REGISTRY

**Table 4.1** Annual reports

Site	Male		Female		Total		ICD-O
	N	(%)	N	(%)	N	(%)	
Lip	1	0.1	3	0.1	4	0.1	C00
Base of Tongue	11	0.6	8	0.3	19	0.4	C01
Other and unspecified part of Tongue	16	0.8	10	0.4	26	0.6	C02
Gum	6	0.3	6	0.2	12	0.3	C03
Floor Of Mouth	3	0.2	0	0.0	3	0.1	C04
Palate	7	0.4	0	0.0	7	0.1	C05
Other and unspecified part of Mouth	4	0.2	7	0.3	11	0.2	C06
Parotid gland	1	0.1	4	0.1	5	0.1	C07
Other and unspecified major salivary glands	2	0.1	1	0.0	3	0.1	C08
Tonsil	15	0.8	9	0.3	24	0.5	C09
Oropharynx	1	0.1	1	0.0	2	0.0	C10
Nasopharynx	43	2.2	16	0.6	59	1.2	C11
Pyriform sinus	16	0.8	0	0.0	16	0.3	C12
Hypopharynx	1	0.1	1	0.0	2	0.0	C13
Esophagus	53	2.7	5	0.2	58	1.2	C15
Stomach	30	1.5	53	1.9	83	1.8	C16
Small Intestine	3	0.2	4	0.1	7	0.1	C17
Colon	196	9.9	165	6.0	361	7.6	C18
Rectosigmoid junction	11	0.6	3	0.1	14	0.3	C19
Rectum	137	6.9	84	3.1	221	4.7	C20
Anus and Anal canal	3	0.2	9	0.3	12	0.3	C21
Liver And Intrahepatic bile ducts	236	11.9	105	3.8	341	7.2	C22
Gallbladder	1	0.1	7	0.3	8	0.2	C23
Other and unspecified parts of biliary tract	21	1.1	12	0.4	33	0.7	C24
Pancreas	32	1.6	50	1.8	82	1.7	C25
Nasal Cavity	8	0.4	9	0.3	17	0.4	C30
Accessory sinuses	2	0.1	4	0.1	6	0.1	C31
Larynx	33	1.7	0	0.0	33	0.7	C32
Trachea	1	0.1	0	0.0	1	0.0	C33
Bronchus and Lung	234	11.8	248	9.1	482	10.2	C34
Thymus	4	0.2	5	0.2	9	0.2	C37
Heart, Mediastinum	17	0.9	9	0.3	26	0.6	C38
Bones,Joints and articular cartilage of limbs	2	0.1	2	0.1	4	0.1	C40
Bones,Joints and articular cartilage of other and unspecified sites	5	0.3	4	0.1	9	0.2	C41
Hematopoietic and Reticuloendothelial systems	102	5.1	76	2.8	178	3.8	C42
Skin	78	3.9	112	4.1	190	4.0	C44
Peripheral nerves and Autonomic nervous system	0	0.0	1	0.0	1	0.0	C47
Retroperitoneum and Peritoneum	5	0.3	8	0.3	13	0.3	C48
Connective,Subcutaneous and Other soft tissues	18	0.9	23	0.8	41	0.9	C49
Breast	3	0.2	782	28.6	785	16.6	C50



Site	Male		Female		Total		ICD-O
	N	(%)	N	(%)	N	(%)	
Vulva	0	0.0	8	0.3	8	0.2	C51
Vagina	0	0.0	4	0.1	4	0.1	C52
Cervix uteri	0	0.0	130	4.8	130	2.8	C53
Corpus uteri	0	0.0	142	5.2	142	3.0	C54
Uterus	0	0.0	9	0.3	9	0.2	C55
Ovary	0	0.0	101	3.7	101	2.1	C56
Other and Unspecified female genital organs	0	0.0	1	0.0	1	0.0	C57
Placenta	0	0.0	5	0.2	5	0.1	C58
Penis	5	0.3	0	0.0	5	0.1	C60
Prostate gland	260	13.1	0	0.0	260	5.5	C61
Testis	12	0.6	0	0.0	12	0.3	C62
Other and Unspecified male genital organs	2	0.1	0	0.0	2	0.0	C63
Kidney	53	2.7	28	1.0	81	1.7	C64
Renal pelvis	5	0.3	6	0.2	11	0.2	C65
Ureter	4	0.2	3	0.1	7	0.1	C66
Bladder	68	3.4	24	0.9	92	1.9	C67
Eye and Adnexa	21	1.1	25	0.9	46	1.0	C69
Meninges	2	0.1	2	0.1	4	0.1	C70
Brain	51	2.6	47	1.7	98	2.1	C71
Spinal cord	4	0.2	4	0.1	8	0.2	C72
Thyroid gland	48	2.4	262	9.6	310	6.6	C73
Adrenal gland	5	0.3	4	0.1	9	0.2	C74
Other endocrine glands	3	0.2	1	0.0	4	0.1	C75
Other and ill-defined site	2	0.1	1	0.0	3	0.1	C76
Lymph nodes	70	3.5	80	2.9	150	3.2	C77
Unknown primary site	9	0.5	3	0.1	12	0.3	C80
All sites	1,986	100.0	2,736	100.0	4,722	100.0	

**Table 4.2** Percentage of morphologically verified and death certificate only case

Site	Male		Female		Total		ICD-O
	Case	%MV	Case	%MV	Case	%MV	
Lip	1	100.0	3	100.0	4	100.0	C00
Base of Tongue	11	100.0	8	100.0	19	100.0	C01
Other and unspecified part of Tongue	16	100.0	10	100.0	26	100.0	C02
Gum	6	100.0	6	100.0	12	100.0	C03
Floor Of Mouth	3	100.0	0	0.0	3	100.0	C04
Palate	7	100.0	0	0.0	7	100.0	C05
Other and unspecified part of Mouth	4	100.0	7	100.0	11	100.0	C06
Parotid gland	1	100.0	4	100.0	5	100.0	C07
Other and unspecified major salivary glands	2	100.0	1	100.0	3	100.0	C08
Tonsil	15	100.0	9	100.0	24	100.0	C09
Oropharynx	1	100.0	1	100.0	2	100.0	C10
Nasopharynx	43	100.0	16	100.0	59	100.0	C11
Pyriform sinus	16	100.0	0	0.0	16	100.0	C12
Hypopharynx	1	100.0	1	100.0	2	100.0	C13
Esophagus	53	100.0	5	100.0	58	100.0	C15
Stomach	30	100.0	53	100.0	83	100.0	C16
Small Intestine	3	100.0	4	100.0	7	100.0	C17
Colon	196	100.0	165	100.0	361	100.0	C18
Rectosigmoid junction	11	100.0	3	100.0	14	100.0	C19
Rectum	137	100.0	84	100.0	221	100.0	C20
Anus and Anal canal	3	100.0	9	100.0	12	100.0	C21
Liver And Intrahepatic bile ducts	236	91.1	105	87.6	341	90.0	C22
Gallbladder	1	100.0	7	100.0	8	100.0	C23
Other and unspecified parts of biliary tract	21	100.0	12	100.0	33	100.0	C24
Pancreas	32	100.0	50	100.0	82	100.0	C25
Nasal Cavity	8	100.0	9	100.0	17	100.0	C30
Accessory sinuses	2	100.0	4	100.0	6	100.0	C31
Larynx	33	100.0	0	0.0	33	100.0	C32
Trachea	1	100.0	0	0.0	1	100.0	C33
Bronchus and Lung	234	99.6	248	99.2	482	99.4	C34
Thymus	4	100.0	5	100.0	9	100.0	C37
Heart, Mediastinum	17	100.0	9	100.0	26	100.0	C38
Bones,Joints and articular cartilage of limbs	2	50.0	2	100.0	4	75.0	C40
Bones,Joints and articular cartilage of other and unspecified sites	5	100.0	4	100.0	9	100.0	C41
Hematopoietic and Reticuloendothelial systems	102	89.2	76	94.7	178	91.6	C42
Skin	78	100.0	112	100.0	190	100.0	C44
Peripheral nerves and Autonomic nervous system	0	0.0	1	100.0	1	100.0	C47
Retroperitoneum and Peritoneum	5	100.0	8	100.0	13	100.0	C48
Connective,Subcutaneous and Other soft tissues	18	100.0	23	100.0	41	100.0	C49
Breast	3	100.0	782	100.0	785	100.0	C50
Vulva	0	0.0	8	100.0	8	100.0	C51



Site	Male		Female		Total		ICD-O
	Case	%MV	Case	%MV	Case	%MV	
Vagina	0	0.0	4	100.0	4	100.0	C52
Cervix uteri	0	0.0	130	100.0	130	100.0	C53
Corpus uteri	0	0.0	142	100.0	142	100.0	C54
Uterus	0	0.0	9	100.0	9	100.0	C55
Ovary	0	0.0	101	100.0	101	100.0	C56
Other and Unspecified female genital organs	0	0.0	1	100.0	1	100.0	C57
Placenta	0	0.0	5	100.0	5	100.0	C58
Penis	5	100.0	0	0.0	5	100.0	C60
Prostate gland	260	100.0	0	0.0	260	100.0	C61
Testis	12	100.0	0	0.0	12	100.0	C62
Other and Unspecified male genital organs	2	100.0	0	0.0	2	100.0	C63
Kidney	53	100.0	28	100.0	81	100.0	C64
Renal pelvis	5	100.0	6	100.0	11	100.0	C65
Ureter	4	100.0	3	100.0	7	100.0	C66
Bladder	68	100.0	24	100.0	92	100.0	C67
Eye and Adnexa	21	90.5	25	96.0	46	93.5	C69
Meninges	2	100.0	2	100.0	4	100.0	C70
Brain	51	96.0	47	97.9	98	96.9	C71
Spinal cord	4	100.0	4	100.0	8	100.0	C72
Thyroid gland	48	100.0	262	100.0	310	100.0	C73
Adrenal gland	5	100.0	4	100.0	9	100.0	C74
Other endocrine glands	3	100.0	1	100.0	4	100.0	C75
Other and ill-defined site	2	100.0	1	100.0	3	100.0	C76
Lymph nodes	70	100.0	80	100.0	150	100.0	C77
Unknown primary site	9	100.0	3	100.0	12	100.0	C80
All sites	1,986	98.1	2,736	99.2	4,722	98.8	

**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	1,986	33	21	12	26	19	29	50	60	103	18	133	250	305	320	244	191	109	63	60.5	17.3
F	2,736	29	10	12	28	51	78	149	177	220	12	315	360	360	315	210	199	123	88	57.3	16.4
T	4,722	62	31	24	54	70	107	199	237	323	30	448	610	665	635	454	390	232	151	58.6	16.9
<b>C00 LIP</b>																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	75.0	0.0
F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	79.6	8.5
T	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	78.5	7.3
<b>C01 BASE OF TONGUE</b>																					
M	11	0	0	0	0	1	0	0	1	0	0	1	1	3	4	0	0	0	0	56.6	14.0
F	8	0	0	0	0	0	0	2	1	0	0	1	1	0	1	2	0	0	0	54.0	14.5
T	19	0	0	0	1	0	0	2	2	0	0	2	2	3	5	2	0	0	0	55.5	13.9
<b>C02 OTHER AND UNSPECIFIED PART OF TONGUE</b>																					
M	16	0	0	0	0	0	0	1	2	0	1	4	2	2	3	0	1	0	0	53.4	16.5
F	10	0	0	0	0	0	0	1	1	0	0	3	2	0	1	0	1	1	0	57.6	14.7
T	26	0	0	0	0	0	0	2	3	0	1	7	4	2	4	0	2	1	0	55.0	15.7
<b>C03 GUM</b>																					
M	6	0	0	0	0	0	0	0	0	1	0	1	2	0	0	2	0	0	0	59.3	10.7
F	6	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	69.7	15.0
T	12	0	0	0	0	0	0	0	0	1	0	2	3	0	1	3	0	1	1	64.5	13.5
<b>C04 FLOOR OF MOUTH</b>																					
M	3	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	62.3	14.6
T	3	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	62.3	14.6
<b>C05 PALATE</b>																					
M	7	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	0	1	0	65.7	8.8
T	7	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	0	1	0	65.7	8.8
<b>C06 OTHER AND UNSPECIFIED PART OF MOUTH</b>																					
M	4	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	52.8	14.9
F	7	0	0	0	1	0	0	0	0	0	0	0	0	1	2	1	2	0	0	63.9	19.0
T	11	0	0	0	1	0	1	0	0	0	0	1	1	1	2	2	2	0	0	59.8	17.7
<b>C07 PAROTID GLAND</b>																					
M	5	0	0	0	0	0	1	0	0	0	0	0	1	2	1	0	0	0	0	57.0	0.0
F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	55.0	17.6
T	4	0	0	0	0	1	0	0	0	0	0	0	2	2	1	0	0	0	0	55.4	15.3
<b>C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS</b>																					
M	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	60.0	15.6
F	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	53.0	0.0
T	3	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	57.7	11.7
<b>C09 TONSIL</b>																					
M	15	0	0	0	0	0	0	1	0	3	0	0	4	3	1	2	1	0	0	58.3	10.9
F	9	0	0	0	0	0	0	0	0	0	0	1	5	1	0	0	1	0	1	62.4	11.7
T	24	0	0	0	0	0	0	1	0	3	0	1	9	4	1	2	2	0	1	59.8	11.1
<b>C10 OROPHARYNX</b>																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	61.0	0.0
F	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	60.0	0.0
T	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	60.5	0.7



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C11 NASOPHARYNX</b>																					
M	43	0	0	0	3	1	1	2	4	4	0	5	6	9	3	1	1	3	0	53.7	15.5
F	16	0	0	0	0	0	0	1	4	1	0	3	3	3	0	0	1	0	0	52.9	10.7
T	59	0	0	0	3	1	1	3	8	5	0	8	9	12	3	1	2	3	0	53.5	14.3
<b>C12 PYRIFORM SINUS</b>																					
M	16	0	0	0	0	0	0	0	0	3	1	0	1	4	2	3	0	2	0	62.3	12.1
T	16	0	0	0	0	0	0	0	0	3	1	0	1	4	2	3	0	2	0	62.3	12.1
<b>C13 HYPOPHARYNX</b>																					
M	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	48.0	0.0
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	73.0	0.0
T	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	60.5	17.7
<b>C15 ESOPHAGUS</b>																					
M	53	0	0	0	0	0	0	1	1	0	7	4	8	13	8	7	2	0	2	61.6	11.0
F	5	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	60.6	8.7
T	58	0	0	0	0	0	0	1	1	0	7	5	10	13	9	8	2	0	2	61.5	10.7
<b>C16 STOMACH</b>																					
M	30	0	0	0	0	0	0	0	1	0	4	2	4	5	2	3	2	3	4	65.8	14.6
F	53	0	0	0	0	2	0	4	3	6	0	6	6	5	7	4	5	2	3	59.4	15.2
T	83	0	0	0	0	2	0	4	4	6	4	8	10	10	9	7	7	5	7	61.7	15.2
<b>C17 SMALL INTESTINE</b>																					
M	3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	68.3	10.1
F	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	67.0	7.2
T	7	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	0	0	0	67.6	7.7
<b>C18 COLON</b>																					
M	196	0	0	0	2	0	3	5	7	10	0	9	26	34	30	22	28	11	9	64.3	13.1
F	165	0	0	0	1	1	5	5	3	13	0	8	18	30	21	17	16	14	13	64.1	14.7
T	361	0	0	0	3	1	8	10	10	23	0	17	44	64	51	39	44	25	22	64.2	13.8
<b>C19 RECTOSIGMOID JUNCTION</b>																					
M	11	0	0	0	0	0	0	0	0	0	0	1	3	1	2	2	2	0	70.5	8.2	
F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	80.3	7.6
T	14	0	0	0	0	0	0	0	0	0	0	1	3	1	3	2	3	1	1	72.6	8.9
<b>C20 RECTUM</b>																					
M	137	0	0	0	0	0	2	2	6	9	0	17	12	29	17	23	10	8	2	62.7	11.7
F	84	0	0	0	1	1	1	2	3	5	0	14	8	10	14	8	9	5	3	61.7	13.4
T	221	0	0	0	1	1	3	4	9	14	0	31	20	39	31	31	19	13	5	62.3	12.3
<b>C21 ANUS AND ANAL CANAL</b>																					
M	3	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	54.7	18.8
F	9	0	0	0	0	0	0	0	0	1	0	1	4	1	0	1	0	1	0	57.6	10.9
T	12	0	0	0	0	0	0	0	1	1	0	2	4	1	0	1	1	1	0	56.8	12.3
<b>C22 LIVER AND INTRAHEPATIC BILE DUCTS</b>																					
M	236	2	0	0	0	0	3	5	4	14	0	24	46	37	47	26	12	11	5	61.7	12.3
F	105	2	0	0	0	0	0	1	3	4	0	8	13	10	21	15	17	7	4	65.3	14.1
T	341	4	0	0	0	0	3	6	7	18	0	32	59	47	68	41	29	18	9	62.8	12.9
<b>C23 GALLBLADDER</b>																					
M	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	47.0	0.0
F	7	0	0	0	0	0	0	0	0	0	0	1	0	1	3	2	0	0	0	65.6	7.8
T	8	0	0	0	0	0	0	0	0	0	1	1	0	1	3	2	0	0	0	63.3	9.8
<b>C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT</b>																					
M	21	0	0	0	0	0	0	0	0	0	1	2	2	10	1	2	2	1	0	63.0	9.0
F	12	0	0	0	0	0	0	0	1	1	2	2	1	3	1	0	1	0	0	60.1	10.6
T	33	0	0	0	0	0	0	0	1	2	4	4	11	4	3	2	2	0	0	61.9	9.6

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.	
<b>C25 PANCREAS</b>																						
M	32	0	0	0	0	0	0	0	1	3	0	4	3	3	5	4	5	2	2	65.5	12.1	
F	50	0	0	0	0	0	0	2	0	3	0	2	7	10	7	5	5	5	4	66.5	12.8	
T	82	0	0	0	0	0	0	2	1	6	0	6	10	13	12	9	10	7	6	66.1	12.5	
<b>C30 NASAL CAVITY AND MIDDLE EAR</b>																						
M	8	0	0	0	0	0	0	0	1	1	1	1	1	2	0	0	0	1	0	54.9	14.7	
F	9	0	0	0	0	0	0	1	1	0	2	0	0	3	0	0	1	0	1	55.9	17.9	
T	17	0	0	0	0	0	0	1	2	1	3	1	1	5	0	0	1	1	1	55.4	16.0	
<b>C31 ACCESSORY SINUSES</b>																						
M	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	63.0	7.1	
F	4	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	41.0	33.7	
T	6	1	0	0	0	0	1	0	0	0	0	0	2	0	0	1	1	0	0	48.3	28.6	
<b>C32 LARYNX</b>																						
M	33	0	0	0	0	0	0	1	2	0	2	1	5	6	7	7	1	1	0	61.8	11.5	
T	33	0	0	0	0	0	0	1	2	0	2	1	5	6	7	7	1	1	0	61.8	11.5	
<b>C33 TRACHEA</b>																						
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	80.0	0.0	
T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	80.0	0.0	
<b>C34 LUNG AND BRONCHUS</b>																						
M	234	0	0	0	0	0	0	3	4	6	7	0	12	36	36	48	30	30	12	10	65.5	11.5
F	248	0	0	0	0	2	2	9	5	16	0	24	26	38	37	30	35	16	8	64.0	12.8	
T	482	0	0	0	0	2	5	13	11	23	0	36	62	74	85	60	65	28	18	64.7	12.2	
<b>C37 THYMUS</b>																						
M	4	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	49.8	16.5	
F	5	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	1	0	69.2	8.8	
T	9	0	0	0	0	0	0	1	0	0	1	1	1	0	2	1	1	1	0	60.6	15.7	
<b>C38 HEART, MEDIASTINUM AND PLEURA</b>																						
M	17	0	0	4	3	3	2	0	0	1	1	0	0	1	0	0	2	0	0	31.9	20.8	
F	9	0	0	0	0	0	1	2	0	0	0	0	2	0	2	0	1	1	0	56.1	18.6	
T	26	0	0	4	3	3	4	1	0	1	1	0	2	1	2	0	3	1	0	40.3	22.9	
<b>C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS</b>																						
M	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.0	1.4	
F	2	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	43.0	12.7	
T	4	0	0	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	27.0	19.9	
<b>C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES</b>																						
M	5	0	1	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	41.2	20.9	
F	4	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	0	53.8	20.0	
T	9	0	1	0	0	0	0	0	1	2	1	1	0	1	0	2	0	0	0	46.8	20.3	
<b>C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS</b>																						
M	102	13	9	3	4	6	2	2	2	4	6	7	9	8	11	8	3	5	0	41.1	26.7	
F	76	7	3	1	2	0	3	6	7	0	4	8	5	10	9	3	6	2	0	46.3	24.8	
T	178	20	12	4	6	6	5	8	9	4	10	15	14	18	20	11	9	7	0	43.3	26.0	
<b>C44 SKIN</b>																						
M	78	0	0	1	0	1	1	1	0	1	0	3	8	8	24	8	8	5	9	67.1	15.4	
F	112	0	1	0	0	2	0	1	3	2	8	14	11	19	11	15	7	18	67.5	15.2		
T	190	0	1	1	0	1	3	1	1	4	2	11	22	19	43	19	23	12	27	67.3	15.2	
<b>C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM</b>																						
F	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	52.0	0.0	
T	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	52.0	0.0	



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C48 RETROPERITONEUM AND PERITONEUM</b>																					
M	5	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	63.4	14.4
F	8	1	0	0	0	0	1	0	1	0	1	1	1	0	1	1	0	0	0	44.4	22.1
T	13	1	0	0	0	0	1	0	1	0	2	2	1	1	1	1	1	1	0	51.7	21.1
<b>C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES</b>																					
M	18	0	1	0	0	0	1	1	1	1	1	0	2	3	1	2	2	2	0	56.2	21.0
F	23	0	0	1	0	2	4	0	0	1	1	3	3	2	1	2	2	0	1	49.6	21.0
T	41	0	1	1	0	2	5	1	1	2	2	3	5	5	2	4	4	2	1	52.5	21.0
<b>C50 BREAST</b>																					
M	3	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	47.3	8.4
F	782	0	0	0	1	3	23	58	72	94	0	117	126	109	76	43	28	19	13	55.6	12.5
T	785	0	0	0	1	3	23	58	74	94	0	117	127	109	76	43	28	19	13	55.6	12.5
<b>C51 VULVA</b>																					
F	8	0	0	0	0	0	0	0	0	0	1	0	0	0	5	1	0	0	1	67.1	11.4
T	8	0	0	0	0	0	0	0	0	0	1	0	0	0	5	1	0	0	1	67.1	11.4
<b>C52 VAGINA</b>																					
F	4	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	59.3	13.3
T	4	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	59.3	13.3
<b>C53 CERVIX UTERI</b>																					
F	130	0	0	0	0	4	10	10	13	15	0	17	10	16	8	9	5	10	3	55.0	15.7
T	130	0	0	0	0	4	10	10	13	15	0	17	10	16	8	9	5	10	3	55.0	15.7
<b>C54 CORPUS UTERI</b>																					
F	142	0	0	0	0	0	0	3	4	14	9	16	28	25	18	12	7	4	2	58.2	11.7
T	142	0	0	0	0	0	0	3	4	14	9	16	28	25	18	12	7	4	2	58.2	11.7
<b>C55 UTERUS</b>																					
F	9	0	0	0	0	0	0	0	1	2	1	1	2	1	1	0	0	0	0	50.6	9.1
T	9	0	0	0	0	0	0	0	1	2	1	1	2	1	1	0	0	0	0	50.6	9.1
<b>C56 OVARY</b>																					
F	101	0	0	0	2	3	2	2	2	9	12	14	14	8	13	8	8	3	1	54.9	15.2
T	101	0	0	0	2	3	2	2	2	9	12	14	14	8	13	8	8	3	1	54.9	15.2
<b>C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS</b>																					
F	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	54.0	0.0
T	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	54.0	0.0
<b>C58 PLACENTA</b>																					
F	5	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	36.8	9.4
T	5	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	36.8	9.4
<b>C60 PENIS</b>																					
M	5	0	0	0	0	0	0	0	0	0	2	0	0	1	0	1	0	1	0	61.2	15.5
T	5	0	0	0	0	0	0	0	0	0	2	0	0	1	0	1	0	1	0	61.2	15.5
<b>C61 PROSTATE GLAND</b>																					
M	260	0	0	0	0	1	0	0	0	0	1	3	17	40	53	63	44	24	14	70.0	8.6
T	260	0	0	0	0	1	0	0	0	0	1	3	17	40	53	63	44	24	14	70.0	8.6
<b>C62 TESTIS</b>																					
M	12	1	0	0	0	1	3	1	2	1	0	0	2	0	0	1	0	0	0	36.6	18.8
T	12	1	0	0	0	1	3	1	2	1	0	0	2	0	0	1	0	0	0	36.6	18.8
<b>C63 SCROTUM</b>																					
M	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	48.5	23.3
T	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	48.5	23.3

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C64 KIDNEY</b>																					
M	53	0	0	0	0	0	1	4	5	7	0	7	5	4	6	3	5	3	3	592	15.4
F	28	1	1	0	0	0	0	0	2	4	2	1	4	3	5	1	2	1	1	55.1	20.6
T	81	1	1	0	0	0	1	4	7	11	2	8	9	8	11	4	7	4	4	57.7	17.3
<b>C65 RENAL PELVIS</b>																					
M	5	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	1	1	0	67.8	11.3
F	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	0	0	72.5	8.6
T	11	0	0	0	0	0	0	0	0	0	0	0	3	0	1	1	5	1	0	70.4	9.7
<b>C66 URETER</b>																					
M	4	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	68.8	5.1
F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	74.0	14.2
T	7	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	1	71.0	9.4
<b>C67 URINARY BLADDER</b>																					
M	68	0	0	0	0	0	0	0	1	2	1	1	9	8	14	14	9	6	3	67.1	10.7
F	24	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	4	3	6	74.6	9.6
T	92	0	0	0	0	0	0	0	1	2	1	1	10	11	18	17	13	9	9	69.0	10.9
<b>C69 EYE AND ADNEXA</b>																					
M	21	9	0	0	0	0	0	2	0	1	1	1	1	0	1	3	1	0	1	33.1	32.9
F	25	10	0	0	1	1	1	0	0	1	0	1	0	4	2	1	2	0	1	35.7	32.5
T	46	19	0	0	1	1	1	2	0	2	1	2	1	4	3	4	3	0	2	34.5	32.4
<b>C70 MENINGES</b>																					
M	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	55.0	26.9
F	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	56.0	8.5
T	4	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	55.5	16.3
<b>C71 BRAIN</b>																					
M	51	5	6	1	3	2	1	2	2	2	2	4	9	5	5	0	1	0	1	40.0	24.1
F	47	5	3	2	1	3	1	3	2	4	4	3	2	1	3	4	3	3	0	41.1	26.5
T	98	10	9	3	4	5	2	5	4	6	6	7	11	6	8	4	4	3	1	40.6	25.2
<b>C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>																					
M	4	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	23.8	30.4
F	4	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	44.0	33.3
T	8	1	1	0	0	0	1	0	0	0	2	0	1	0	1	0	0	1	0	33.9	31.5
<b>C73 THYROID GLAND</b>																					
M	48	0	0	0	0	2	1	2	4	6	5	4	7	5	3	4	3	2	0	53.3	15.5
F	262	0	0	2	4	10	19	19	24	19	20	34	30	28	21	15	12	4	1	50.0	16.3
T	310	0	0	2	4	12	20	21	28	25	25	38	37	33	24	19	15	6	1	50.5	16.2
<b>C74 ADRENAL GLAND</b>																					
M	5	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	4.3
F	4	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	29.3	31.0
T	9	4	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	15.3	23.3
<b>C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES</b>																					
M	3	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	30.7	24.7
F	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.0	0.0
T	4	0	0	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	26.5	21.8
<b>C76 OTHER AND ILL-DEFINED SITES</b>																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	74.5	4.9
F	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	55.0	0.0
T	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	68.0	11.8



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
<b>C77 LYMPH NODES</b>																					
M	70	0	0	3	4	2	1	4	2	3	2	9	5	9	9	2	10	4	1	55.0	20.4
F	80	0	0	3	3	4	2	3	4	2	1	4	15	8	8	7	6	8	2	57.1	19.5
T	150	0	0	6	7	6	3	7	6	5	3	13	20	17	17	9	16	12	3	56.1	19.9
<b>C80 UNKNOWN PRIMARY SITE</b>																					
M	9	0	0	0	0	0	0	0	0	0	0	1	1	3	3	1	0	0	0	62.6	7.3
F	3	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	64.3	11.5
T	12	0	0	0	0	0	0	0	0	0	0	2	1	3	4	1	1	0	0	63.0	8.0

**Table 4.4** Number of cancer case by primary site.

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
<b>C00 LIP</b>		1	3	4
C00.0 External upper lip		0	1	1
C00.1 External lower lip		1	2	3
<b>C01 BASE OF TONGUE</b>		11	8	19
C01.9 Base of tongue, NOS		11	8	19
<b>C02 OTHER AND UNSPECIFIED PART OF TONGUE</b>		16	10	26
C02.1 Border of tongue		2	1	3
C02.9 Tongue, NOS		14	9	23
<b>C03 GUM</b>		6	6	12
C03.0 Upper gum		2	1	3
C03.1 Lower gum		1	3	4
C03.9 Gum, NOS		3	2	5
<b>C04 FLOOR OF MOUTH</b>		3	0	3
C04.9 Floor of mouth, NOS		3	0	3
<b>C05 PALATE</b>		7	0	7
C05.0 Hard palate		3	0	3
C05.1 Soft palate, NOS		3	0	3
C05.2 Uvula		1	0	1
<b>C06 OTHER AND UNSPECIFIED PART OF MOUTH</b>		4	7	11
C06.0 Cheek mucosa		2	6	8
C06.2 Retromolar area		1	1	2
C06.9 Mouth, NOS		1	0	1
<b>C07 PAROTID GLAND</b>		1	4	5
C07.9 Parotid gland		1	4	5
<b>C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS</b>		2	1	3
C08.0 Submandibular gland		2	0	2
C08.9 Major salivary gland, NOS		0	1	1
<b>C09 TONSIL</b>		15	9	24
C09.9 Tonsil, NOS		15	9	24
<b>C10 OROPHARYNX</b>		1	1	2
C10.9 Oropharynx, NOS		1	1	2
<b>C11 NASOPHARYNX</b>		43	16	59
C11.2 Lateral wall of nasopharynx		0	1	1
C11.8 Overl. lesion of nasopharynx		0	1	1
C11.9 Nasopharynx, NOS		43	14	57
<b>C12 PYRIFORM SINUS</b>		16	0	16
C12.9 Pyriform sinus		16	0	16
<b>C13 HYPOPHARYNX</b>		1	1	2
C13.0 Postcricoid region		1	0	1
C13.9 Hypopharynx, NOS		0	1	1
<b>C15 ESOPHAGUS</b>		53	5	58
C15.0 Cervical esophagus		2	1	3
C15.1 Thoracic esophagus		8	1	9
C15.3 Upper third of esophagus		6	0	6
C15.4 Middle third of esophagus		6	1	7
C15.5 Lower third of esophagus		12	2	14
C15.9 Esophagus, NOS		19	0	19
<b>C16 STOMACH</b>		30	53	83
C16.0 Cardia, NOS		3	3	6
C16.1 Fundus of stomach		0	2	2
C16.2 Body of stomach		0	5	5



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C16.3	Gastric antrum	2	7	9
C16.4	Pylorus	0	2	2
C16.5	Lesser curvature of stomach, NOS	0	1	1
C16.9	Stomach, NOS	25	33	58
<b>C17</b>	<b>SMALL INTESTINE</b>	<b>3</b>	<b>4</b>	<b>7</b>
C17.0	Duodenum	3	2	5
C17.2	Ileum	0	1	1
C17.9	Small intestine, NOS	0	1	1
<b>C18</b>	<b>COLON</b>	<b>196</b>	<b>165</b>	<b>361</b>
C18.0	Cecum	15	14	29
C18.1	Appendix	4	4	8
C18.2	Ascending colon	21	22	43
C18.3	Hepatic flexure of colon	5	5	10
C18.4	Transverse colon	18	12	30
C18.5	Splenic flexure of colon	6	3	9
C18.6	Descending colon	8	15	23
C18.7	Sigmoid colon	107	79	186
C18.8	Overl. lesion of colon	1	0	1
C18.9	Colon, NOS	11	11	22
<b>C19</b>	<b>RECTOSIGMOID JUNCTION</b>	<b>11</b>	<b>3</b>	<b>14</b>
C19.9	Rectosigmoid junction	11	3	14
<b>C20</b>	<b>RECTUM</b>	<b>137</b>	<b>84</b>	<b>221</b>
C20.9	Rectum, NOS	137	84	221
<b>C21</b>	<b>ANUS AND ANAL CANAL</b>	<b>3</b>	<b>9</b>	<b>12</b>
C21.0	Anus, NOS	0	4	4
C21.1	Anal canal	3	5	8
<b>C22</b>	<b>LIVER AND INTRAHEPATIC BILE DUCTS</b>	<b>236</b>	<b>105</b>	<b>341</b>
C22.0	Liver	189	68	257
C22.1	Intrahepatic bile duct	47	37	84
<b>C23</b>	<b>GALLBLADDER</b>	<b>1</b>	<b>7</b>	<b>8</b>
C23.9	Gallbladder	1	7	8
<b>C24</b>	<b>OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT</b>	<b>21</b>	<b>12</b>	<b>33</b>
C24.0	Extrahepatic bile duct	10	6	16
C24.1	Ampulla of Vater	11	5	16
C24.9	Biliary tract, NOS	0	1	1
<b>C25</b>	<b>PANCREAS</b>	<b>32</b>	<b>50</b>	<b>82</b>
C25.0	Head of pancreas	16	26	42
C25.1	Body of pancreas	0	7	7
C25.2	Tail of pancreas	4	5	9
C25.3	Pancreatic duct	0	1	1
C25.9	Pancreas, NOS	12	11	23
<b>C30</b>	<b>NASAL CAVITY AND MIDDLE EAR</b>	<b>8</b>	<b>9</b>	<b>17</b>
C30.0	Nasal cavity	8	9	17
<b>C31</b>	<b>ACCESSORY SINUSES</b>	<b>2</b>	<b>4</b>	<b>6</b>
C31.0	Maxillary sinus	2	2	4
C31.1	Ethmoid sinus	0	2	2
<b>C32</b>	<b>LARYNX</b>	<b>33</b>	<b>0</b>	<b>33</b>
C32.0	Glottis	20	0	20
C32.1	Supraglottis	8	0	8
C32.3	Laryngeal cartilage	1	0	1
C32.9	Larynx, NOS	4	0	4
<b>C33</b>	<b>TRACHEA</b>	<b>1</b>	<b>0</b>	<b>1</b>
C33.9	Trachea	1	0	1

ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
<b>C34 LUNG AND BRONCHUS</b>	<b>234</b>	<b>248</b>	<b>482</b>
C34.1 Upper lobe, lung	108	111	219
C34.2 Middle lobe, lung	13	10	23
C34.3 Lower lobe, lung	66	95	161
C34.8 Overl. lesion of lung	2	1	3
C34.9 Lung, NOS	45	31	76
<b>C37 THYMUS</b>	<b>4</b>	<b>5</b>	<b>9</b>
C37.9 Thymus	4	5	9
<b>C38 HEART, MEDIASTINUM AND PLEURA</b>	<b>17</b>	<b>9</b>	<b>26</b>
C38.1 Anterior mediastinum	10	3	13
C38.3 Mediastinum, NOS	3	2	5
C38.4 Pleura, NOS	4	4	8
<b>C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS</b>	<b>2</b>	<b>2</b>	<b>4</b>
C40.2 Long bones of lower limb and associated joints	2	2	4
<b>C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES</b>	<b>5</b>	<b>4</b>	<b>9</b>
C41.0 Bones of skull and face and associated joints	2	1	3
C41.1 Mandible	0	1	1
C41.2 Vertebral column	2	0	2
C41.3 Rib, sternum, clavicle and associated joints	0	1	1
C41.4 Pelvic bones, sacrum, coccyx and associated joints	0	1	1
C41.9 Bone, NOS	1	0	1
<b>C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS</b>	<b>102</b>	<b>76</b>	<b>178</b>
C42.1 Bone marrow	102	76	178
<b>C44 SKIN</b>	<b>78</b>	<b>112</b>	<b>190</b>
C44.0 Skin of lip, NOS	2	3	5
C44.1 Eyelid	5	7	12
C44.2 External ear	6	6	12
C44.3 Skin of other and unspecified parts of face	35	53	88
C44.4 Skin of scalp and neck	6	8	14
C44.5 Skin of trunk	6	16	22
C44.6 Skin of upper limb and shoulder	5	6	11
C44.7 Skin of lower limb and hip	13	11	24
C44.9 Skin, NOS	0	2	2
<b>C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM</b>	<b>0</b>	<b>1</b>	<b>1</b>
C47.0 Per. nerves & A.N.S. of head, face, and neck	0	1	1
<b>C48 RETROPERITONEUM AND PERITONEUM</b>	<b>5</b>	<b>8</b>	<b>13</b>
C48.0 Retroperitoneum	4	5	9
C48.1 Specified parts of peritoneum	0	2	2
C48.2 Peritoneum, NOS	1	1	2
<b>C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES</b>	<b>18</b>	<b>23</b>	<b>41</b>
C49.0 Connec., subcut. and other soft tissues of head, face, and neck	1	1	2
C49.1 Connec., subcut. and other soft tissues of upper limb and shoulder	3	3	6
C49.2 Connec., subcut. and other soft tissues of lower limb and hip	7	12	19
C49.3 Connec., subcut. and other soft tissues of thorax	1	2	3
C49.4 Connec., subcut. and other soft tissues of abdomen	3	2	5
C49.5 Connec., subcut. and other soft tissues of pelvis	3	3	6
<b>C50 BREAST</b>	<b>3</b>	<b>782</b>	<b>785</b>
C50.0 Nipple	0	18	18
C50.1 Central portion of breast	0	63	63
C50.2 Upper-inner quadrant of breast	0	95	95
C50.3 Lower-inner quadrant of breast	0	34	34
C50.4 Upper-outer quadrant of breast	0	296	296
C50.5 Lower-outer quadrant of breast	0	49	49



<b>ICD-O SITE AND HISTOPATHOLOGY</b>		<b>Male</b>	<b>Female</b>	<b>Total</b>
C50.6 Axillary tail of breast		1	14	15
C50.8 Overl. lesion of breast		0	15	15
C50.9 Breast, NOS		2	198	200
<b>C51 VULVA</b>		<b>0</b>	<b>8</b>	<b>8</b>
C51.1 Labium minus		0	1	1
C51.9 Vulva, NOS		0	7	7
<b>C52 VAGINA</b>		<b>0</b>	<b>4</b>	<b>4</b>
C52.9 Vagina, NOS		0	4	4
<b>C53 CERVIX UTERI</b>		<b>0</b>	<b>130</b>	<b>130</b>
C53.0 Endocervix		0	21	21
C53.1 Exocervix		0	79	79
C53.9 Cervix uteri		0	30	30
<b>C54 CORPUS UTERI</b>		<b>0</b>	<b>142</b>	<b>142</b>
C54.1 Endometrium		0	140	140
C54.9 Corpus uteri		0	2	2
<b>C55 UTERUS</b>		<b>0</b>	<b>9</b>	<b>9</b>
C55.9 Uterus, NOS		0	9	9
<b>C56 OVARY</b>		<b>0</b>	<b>101</b>	<b>101</b>
C56.9 Ovary		0	101	101
<b>C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS</b>		<b>0</b>	<b>1</b>	<b>1</b>
C57.0 Fallopian tube		0	1	1
<b>C58 PLACENTA</b>		<b>0</b>	<b>5</b>	<b>5</b>
C58.9 Placenta		0	5	5
<b>C60 PENIS</b>		<b>5</b>	<b>0</b>	<b>5</b>
C60.2 Body of penis		1	0	1
C60.9 Penis, NOS		4	0	4
<b>C61 PROSTATE GLAND</b>		<b>260</b>	<b>0</b>	<b>260</b>
C61.9 Prostate gland		260	0	260
<b>C62 TESTIS</b>		<b>12</b>	<b>0</b>	<b>12</b>
C62.1 Descended testis		1	0	1
C62.9 Testis, NOS		11	0	11
<b>C63 OTHER AND UNSPECIFIED MALE GENITAL ORGANS</b>		<b>2</b>	<b>0</b>	<b>2</b>
C63.2 Scrotum, NOS		2	0	2
<b>C64 KIDNEY</b>		<b>53</b>	<b>28</b>	<b>81</b>
C64.9 Kidney, NOS		53	28	81
<b>C65 RENAL PELVIS</b>		<b>5</b>	<b>6</b>	<b>11</b>
C65.9 Renal pelvis		5	6	11
<b>C66 URETER</b>		<b>4</b>	<b>3</b>	<b>7</b>
C66.9 Ureter		4	3	7
<b>C67 URINARY BLADDER</b>		<b>68</b>	<b>24</b>	<b>92</b>
C67.1 Dome of bladder		1	0	1
C67.2 Lateral wall of bladder		2	1	3
C67.3 Anterior wall of bladder		1	3	4
C67.4 Posterior wall of bladder		1	0	1
C67.9 Bladder, NOS		63	20	83
<b>C69 EYE AND ADNEXA</b>		<b>21</b>	<b>25</b>	<b>46</b>
C69.0 Conjunctiva		1	5	6
C69.2 Retina		10	11	21
C69.3 Choroid		6	5	11
C69.6 Orbit, NOS		2	3	5
C69.9 Eye, NOS		2	1	3
<b>C70 MENINGES</b>		<b>2</b>	<b>2</b>	<b>4</b>
C70.0 Cerebral meninges		1	1	2
C70.9 Meninges		1	1	2

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
<b>C71 BRAIN</b>		<b>51</b>	<b>47</b>	<b>98</b>
C71.0	Cerebrum	2	1	3
C71.1	Frontal lobe	13	20	33
C71.2	Temporal lobe	5	4	9
C71.3	Parietal lobe	7	1	8
C71.4	Occipital lobe	1	1	2
C71.5	Ventricle, NOS	1	3	4
C71.6	Cerebellum, NOS	4	6	10
C71.7	Brain stem	6	2	8
C71.8	Overl. lesion of brain	2	0	2
C71.9	Brain, NOS	10	9	19
<b>C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>		<b>4</b>	<b>4</b>	<b>8</b>
C72.0	Spinal cord	0	2	2
C72.3	Optic nerve	3	0	3
C72.8	Overl. lesion of brain and central Nervous system	0	1	1
C72.9	Nervous system, NOS	1	1	2
<b>C73 THYROID GLAND</b>		<b>48</b>	<b>262</b>	<b>310</b>
C73.9	Thyroid gland	48	262	310
<b>C74 ADRENAL GLAND</b>		<b>5</b>	<b>4</b>	<b>9</b>
C74.9	Adrenal gland, NOS	5	4	9
<b>C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES</b>		<b>3</b>	<b>1</b>	<b>4</b>
C75.0	Parathyroid gland	1	0	1
C75.1	Pituitary gland	1	0	1
C75.3	Pineal gland	1	1	2
<b>C76 OTHER AND ILL-DEFINED SITES</b>		<b>2</b>	<b>1</b>	<b>3</b>
C76.4	Upper limb, NOS	0	1	1
C76.5	Lower limb, NOS	1	0	1
C76.7	Other ill-defined sites	1	0	1
<b>C77 LYMPH NODES</b>		<b>70</b>	<b>80</b>	<b>150</b>
C77.0	Lymph nodes of head, face and neck	28	38	66
C77.1	Intrathoracic lymph nodes	6	3	9
C77.2	Intra-abdominal lymph nodes	6	8	14
C77.3	Lymph nodes of axilla or arm	3	5	8
C77.4	Lymph nodes of inguinal region or leg	3	5	8
C77.5	Pelvic lymph nodes	0	1	1
C77.9	Lymph node, NOS	24	20	44
<b>C80 UNKNOWN PRIMARY SITE</b>		<b>9</b>	<b>3</b>	<b>12</b>
C80.9	Unknown primary site	9	3	12

**Table 4.5** Number of cancer case by pathology according to site.

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
<b>C00 LIP</b>				
C00.0	<b>External upper lip</b>	0	1	1
M	8070/3 Squamous cell carcinoma, NOS	0	1	1
C00.1	<b>External lower lip</b>	1	2	3
M	8070/3 Squamous cell carcinoma, NOS	1	2	3
<b>C01 BASE OF TOUNGUE</b>				
C01.9	<b>Base of tongue, NOS</b>	11	8	19
M	8070/3 Squamous cell carcinoma, NOS	5	7	12
M	8071/3 Squamous cell carcinoma, keratinizing, NOS	2	0	2
M	8072/3 Squamous cell carcinoma, nonkeratinizing, NOS	1	1	2
M	8083/3 Basaloid squamous cell carcinoma	1	0	1
M	8430/3 Mucoepidermoid carcinoma	1	0	1
M	8800/3 Sarcoma, NOS	1	0	1
<b>C02 OTHER AND UNSPECIFIED PART OF TONGUE</b>				
C02.1	<b>Border of tongue</b>	2	1	3
M	8070/3 Squamous cell carcinoma, NOS	2	1	3
C02.9	<b>Tongue, NOS</b>	14	9	23
M	8070/2 Squamous cell carcinoma in situ, NOS	1	0	1
M	8070/3 Squamous cell carcinoma, NOS	9	8	17
M	8071/3 Squamous cell carcinoma, keratinizing, NOS	3	0	3
M	8072/3 Squamous cel lcacinoma, nonkeratinizing, NOS	0	1	1
M	9714/3 Anaplastic large cell lymphoma, NOS	1	0	1
<b>C03 GUM</b>				
C03.0	<b>Upper gum</b>	2	1	3
M	8051/3 Verrucous squamous cell carcinoma	1	0	1
M	8070/3 Squamous cell carcinoma, NOS	1	0	1
M	8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
C03.1	<b>Lower gum</b>	1	3	4
M	8070/3 Squamous cell carcinoma, NOS	1	2	3
M	8430/3 Mucoepidermoid carcinoma	0	1	1
C03.9	<b>Gum, NOS</b>	3	2	5
M	8070/3 Squamous cell carcinoma, NOS	2	1	3
M	8072/3 Squamous cell carcinoma, nonkeratinizing, NOS	1	1	2
<b>C04 FLOOR OF MOUTH</b>				
C04.9	<b>Floor of mouth, NOS</b>	3	0	3
M	8070/3 Squamous cell carcinoma, NOS	2	0	2
M	8083/3 Basaloid squamous cell carcinoma	1	0	1
<b>C05 PALATE</b>				
C05.0	<b>Hard palate</b>	3	0	3
M	8070/3 Squamous cell carcinoma, NOS	1	0	1
M	8200/3 Adenoid cystic carcinoma	1	0	1
M	8720/3 Malignant melanoma	1	0	1
C05.1	<b>Soft palate, NOS</b>	3	0	3
M	8070/3 Squamous cell carcinoma, NOS	3	0	3
C05.2	<b>Uvula</b>	1	0	1
M	8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
<b>C06 OTHER AND UNSPECIFIED PART OF MOUTH</b>				
C06.0	<b>Cheek mucosa</b>	2	6	8
M	8070/3 Squamous cell carcinoma, NOS	2	3	5



<b>ICD-O SITE AND HISTOPATHOLOGY</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8200/3	Adenoid cystic carcinoma	0	1	1
M	8900/3	Rhabdomyosarcoma, NOS	0	1	1
<b>C06.2</b>	<b>Retromolar area</b>		<b>1</b>	<b>1</b>	<b>2</b>
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8430/3	Mucoepidermoid carcinoma	1	0	1
<b>C06.9</b>	<b>Mouth, NOS</b>		<b>1</b>	<b>0</b>	<b>1</b>
M	9695/3	Follicular lymphoma, grade1	1	0	1
<b>C07 PAROTID GLAND</b>					
<b>C07.9</b>	<b>Parotid gland</b>		<b>1</b>	<b>4</b>	<b>5</b>
M	8140/3	Adenocarcinoma, NOS	1	1	2
M	8430/3	Mucoepidermoid carcinoma	0	1	1
M	8550/3	Acinic cell adenocarcinoma	0	2	2
<b>C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS</b>					
<b>C08.0</b>	<b>Submandibular gland</b>		<b>2</b>	<b>0</b>	<b>2</b>
M	8010/3	Carcinoma, NOS	1	0	1
M	9680/3	Malignantlymphoma, largeB-cell, diffuse, NOS	1	0	1
<b>C08.9</b>	<b>Major salivary gland, NOS</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8982/3	Myoepithelial carcinoma	0	1	1
<b>C09 TONSIL</b>					
<b>C09.9</b>	<b>Tonsil, NOS</b>		<b>15</b>	<b>9</b>	<b>24</b>
M	8070/3	Squamous cell carcinoma, NOS	11	1	12
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	1	2
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	0	3	3
M	9590/3	Malignant lymphoma, NOS	0	1	1
M	9591/3	Non-Hodgkin lymphoma, NOS	1	1	2
M	9673/3	Mantlecell lymphoma	1	0	1
M	9680/3	Diffuselarge B-cell lymphoma (DLBCL)	0	2	2
M	9719/3	Extranodal NK/T-cell lymphoma	1	0	1
<b>C10 OROPHARYNX</b>					
<b>C10.9</b>	<b>Oropharynx, NOS</b>		<b>1</b>	<b>1</b>	<b>2</b>
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	0	1	1
<b>C11 NASOPHARYNX</b>					
<b>C11.2</b>	<b>Lateral wall of nasopharynx</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	0	1	1
<b>C11.8</b>	<b>Overlesion of nasopharynx</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	0	1	1
<b>C11.9</b>	<b>Nasopharynx, NOS</b>		<b>43</b>	<b>14</b>	<b>57</b>
M	8010/3	Carcinoma, NOS	2	0	2
M	8020/3	Undifferentiated carcinoma	6	1	7
M	8070/3	Squamous cell carcinoma, NOS	5	0	5
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	29	13	42
M	8260/3	Papillary carcinoma	1	0	1
<b>C12 PYRIFORM SINUS</b>					
<b>C12.9</b>	<b>Pyriform sinus</b>		<b>16</b>	<b>0</b>	<b>16</b>
M	8070/2	Squamous cell carcinoma in situ, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	12	0	12
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	2	0	2



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
<b>C13 HYPOPHARYNX</b>					
<b>C13.0</b>	<b>Cricoid</b>		<b>1</b>	<b>0</b>	<b>1</b>
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
<b>C13.9</b>	<b>Hypopharynx, NOS</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
<b>C15 ESOPHAGUS</b>					
<b>C15.0</b>	<b>Cervical esophagus</b>		<b>2</b>	<b>1</b>	<b>3</b>
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	0	1	1
<b>C15.1</b>	<b>Thoracic esophagus</b>		<b>8</b>	<b>1</b>	<b>9</b>
M	8070/3	Squamous cell carcinoma, NOS	7	0	7
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
<b>C15.3</b>	<b>Upper third of esophagus</b>		<b>6</b>	<b>0</b>	<b>6</b>
M	8070/3	Squamous cell carcinoma, NOS	6	0	6
<b>C15.4</b>	<b>Middle third of esophagus</b>		<b>6</b>	<b>1</b>	<b>7</b>
M	8070/3	Squamous cell carcinoma, NOS	4	1	5
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	1	0	1
<b>C15.5</b>	<b>Lower third of esophagus</b>		<b>12</b>	<b>2</b>	<b>14</b>
M	8070/3	Squamous cell carcinoma, NOS	10	0	10
M	8140/3	Adenocarcinoma, NOS	2	2	4
<b>C15.9</b>	<b>Esophagus, NOS</b>		<b>19</b>	<b>0</b>	<b>19</b>
M	8010/3	Carcinoma, NOS	2	0	2
M	8070/3	Squamous cell carcinoma, NOS	13	0	13
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	3	0	3
<b>C16 STOMACH</b>					
<b>C16.0</b>	<b>Cardia, NOS</b>		<b>3</b>	<b>3</b>	<b>6</b>
M	8140/3	Adenocarcinoma, NOS	3	1	4
M	8936/3	GIST, malignant	0	2	2
<b>C16.1</b>	<b>Fundus of stomach</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8004/3	Malignant tumor, spindle cell type	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
<b>C16.2</b>	<b>Body of stomach</b>		<b>0</b>	<b>5</b>	<b>5</b>
M	8140/3	Adenocarcinoma, NOS	0	3	3
M	8490/3	Adenocarcinoma, signet-ring cell	0	1	1
M	8936/3	GIST, malignant	0	1	1
<b>C16.3</b>	<b>Gastric antrum</b>		<b>2</b>	<b>7</b>	<b>9</b>
M	8140/3	Adenocarcinoma, NOS	1	5	6
M	8490/3	Adenocarcinoma, signet-ring cell	1	2	3
<b>C16.4</b>	<b>Pylorus</b>		<b>0</b>	<b>2</b>	<b>2</b>
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8490/3	Adenocarcinoma, signet-ring cell	0	1	1
<b>C16.5</b>	<b>Lesser curvature of stomach</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8936/3	GIST, malignant	0	1	1
<b>C16.9</b>	<b>Stomach, NOS</b>		<b>25</b>	<b>33</b>	<b>58</b>
M	8010/3	Carcinoma, NOS	3	1	4
M	8140/3	Adenocarcinoma, NOS	10	20	30
M	8490/3	Adenocarcinoma, signet-ring cell	4	8	12
M	8936/3	GIST, malignant	3	4	7

<b>ICD-O SITE AND HISTOPATHOLOGY</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	2	0	2
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	0	1
M	9699/3	MALT lymphoma	2	0	2
<b>C17 SMALL INTESTINE</b>					
<b>C17.0</b>	<b>Duodenum</b>		<b>3</b>	<b>2</b>	<b>5</b>
M	8140/3	Adenocarcinoma, NOS	3	2	5
<b>C17.2</b>	<b>Ileum</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	0	1	1
<b>C17.9</b>	<b>Small intestine</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8004/3	Malignant tumor, spindle cell type	0	1	1
<b>C18 COLON</b>					
<b>C18.0</b>	<b>Cecum</b>		<b>15</b>	<b>14</b>	<b>29</b>
M	8140/2	Adenocarcinoma in situ, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	11	12	23
M	8480/3	Mucinous adenocarcinoma	2	1	3
M	9673/3	Mantle cell lymphoma	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
<b>C18.1</b>	<b>Appendix</b>		<b>4</b>	<b>4</b>	<b>8</b>
M	8140/3	Adenocarcinoma, NOS	3	3	6
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	9673/3	Mantle cell lymphoma	1	0	1
<b>C18.2</b>	<b>Ascending colon</b>		<b>21</b>	<b>22</b>	<b>43</b>
M	8140/3	Adenocarcinoma, NOS	21	20	41
M	8290/3	Mucinous adenocarcinoma	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	0	1	1
<b>C18.3</b>	<b>Hepatic flexure of colon</b>		<b>5</b>	<b>5</b>	<b>10</b>
M	8140/3	Adenocarcinoma, NOS	4	5	9
M	8480/3	Mucinous adenocarcinoma	1	0	1
<b>C18.4</b>	<b>Transverse colon</b>		<b>18</b>	<b>12</b>	<b>30</b>
M	8140/2	Adenocarcinoma in situ, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	17	10	27
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	9591/3	Non-Hodgkin lymphoma, NOS	1	0	1
<b>C18.5</b>	<b>Splenic flexure of colon</b>		<b>6</b>	<b>3</b>	<b>9</b>
M	8140/3	Adenocarcinoma, NOS	6	3	9
<b>C18.6</b>	<b>Descending colon</b>		<b>8</b>	<b>15</b>	<b>23</b>
M	8140/3	Adenocarcinoma, NOS	5	15	20
M	8480/3	Mucinous adenocarcinoma	2	0	2
M	8490/3	Adenocarcinoma, signet-ring cell	1	0	1
<b>C18.7</b>	<b>Sigmoid colon</b>		<b>107</b>	<b>79</b>	<b>186</b>
M	8010/3	Carcinoma, NOS	2	1	3
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	104	73	177
M	8246/3	Neuroendocrine carcinoma, NOS	1	1	2
M	8480/3	Mucinous adenocarcinoma	0	2	2
M	9673/3	Mantle cell lymphoma	0	1	1
<b>C18.8</b>	<b>Overlesion of colon</b>		<b>1</b>	<b>0</b>	<b>1</b>
M	8140/3	Adenocarcinoma, NOS	1	0	1
<b>C18.9</b>	<b>Colon, NOS</b>		<b>11</b>	<b>11</b>	<b>22</b>
M	8140/3	Adenocarcinoma, NOS	11	11	22



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
<b>C19 RECTOSIGMOID JUNCTION</b>					
<b>C19.9</b>	<b>Rectosigmoid junction</b>		<b>11</b>	<b>3</b>	<b>14</b>
M	8140/3	Adenocarcinoma, NOS	10	3	13
M	8480/3	Mucinous adenocarcinoma	1	0	1
<b>C20 RECTUM</b>					
<b>C20.9</b>	<b>Rectum, NOS</b>		<b>137</b>	<b>84</b>	<b>221</b>
M	8010/3	Carcinoma, NOS	1	0	1
M	8140/2	Adenocarcinoma in situ, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	135	80	215
M	8480/3	Mucinous adenocarcinoma	1	0	1
M	8490/3	Adenocarcinoma, signet-ring cell	0	1	1
M	8850/3	Liposarcoma, NOS	0	1	1
M	8890/3	Leiomyosarcoma, NOS	0	1	1
<b>C21 ANUS AND ANAL CANAL</b>					
<b>C21.0</b>	<b>Anus, NOS</b>		<b>0</b>	<b>4</b>	<b>4</b>
M	8070/3	Squamous cell carcinoma, NOS	0	2	2
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8490/3	Adenocarcinoma, signet-ring cell	0	1	1
<b>C21.1</b>	<b>Anal canal</b>		<b>3</b>	<b>5</b>	<b>8</b>
M	8070/3	Squamous cell carcinoma, NOS	2	1	3
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	1	2	3
M	8720/3	Malignant melanoma	0	1	1
<b>C22 LIVER AND INTRAHEPATIC BILE DUCTS</b>					
<b>C22.0</b>	<b>Liver</b>		<b>189</b>	<b>68</b>	<b>257</b>
M	8033/3	Sarcomatoid carcinoma	0	1	1
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	8170/3	Hepatocellular carcinoma, NOS	186	64	250
M	8970/3	Hepatoblastoma	2	2	4
M	9120/3	Angiosarcoma	0	1	1
<b>C22.1</b>	<b>Intrahepatic bile duct</b>		<b>47</b>	<b>37</b>	<b>84</b>
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	3	1	4
M	8160/3	Cholangiocarcinoma	44	35	79
<b>C23 GALLBLADDER</b>					
<b>C23.9</b>	<b>Gallbladder</b>		<b>1</b>	<b>7</b>	<b>8</b>
M	8140/3	Adenocarcinoma, NOS	1	7	8
<b>C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT</b>					
<b>C24.0</b>	<b>Extrahepatic bile duct</b>		<b>10</b>	<b>6</b>	<b>16</b>
M	8140/3	Adenocarcinoma, NOS	6	5	11
M	8160/3	Cholangiocarcinoma	4	1	5
<b>C24.1</b>	<b>Ampulla of Vater</b>		<b>11</b>	<b>5</b>	<b>16</b>
M	8140/3	Adenocarcinoma, NOS	9	5	14
M	8160/3	Cholangiocarcinoma	1	0	1
M	9695/3	Follicular lymphoma, grade1	1	0	1
<b>C24.9</b>	<b>Biliary tract</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8160/3	Cholangiocarcinoma	0	1	1
<b>C25 PANCREAS</b>					
<b>C25.0</b>	<b>Head of pancreas</b>		<b>16</b>	<b>26</b>	<b>42</b>
M	8010/3	Carcinoma, NOS	1	4	5
M	8140/3	Adenocarcinoma, NOS	12	19	31

<b>ICD-O SITE AND HISTOPATHOLOGY</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>
M	8246/3	Neuroendocrine carcinoma, NOS	1	1	2
M	8490/3	Adenocarcinoma, signet-ring cell	0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	1	1	2
M	9473/3	PNET,NOS	1	0	1
<b>C25.1</b>	<b>Body of pancreas</b>		<b>0</b>	<b>7</b>	<b>7</b>
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	3	3
M	8480/3	Mucinous adenocarcinoma	0	2	2
M	8500/3	Infiltrating duct carcinoma, NOS	0	1	1
<b>C25.2</b>	<b>Tail of pancreas</b>		<b>4</b>	<b>5</b>	<b>9</b>
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	4	2	6
M	9364/3	PPNET	0	1	1
M	9473/3	PNET, NOS	0	1	1
<b>C25.3</b>	<b>Pancreatic duct</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	9473/3	PNET, NOS	0	1	1
<b>C25.9</b>	<b>Pancreas, NOS</b>		<b>12</b>	<b>11</b>	<b>35</b>
M	8010/3	Carcinoma, NOS	0	2	2
M	8021/3	Anaplastic carcinoma	1	0	1
M	8041/3	Small cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	9	8	17
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8453/3	Papillary-mucinous carcinoma of pancreas	0	1	1
<b>C30 NASAL CAVITY AND MIDDLE EAR</b>					
<b>C30.0</b>	<b>Nasal cavity</b>		<b>8</b>	<b>9</b>	<b>17</b>
M	8070/3	Squamous cell carcinoma, NOS	1	1	2
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	0	1	1
M	8200/3	Adenoid cystic carcinoma	1	0	1
M	8246/3	Neuroendocrine carcinoma, NOS	0	1	1
M	8720/3	Malignant melanoma	0	1	1
M	9500/3	Neuroblastoma, NOS	1	0	1
M	9522/3	Olfactory neuroblastoma	2	1	3
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	0	2	2
M	9702/3	T-cell lymphoma, NOS	2	1	3
M	9719/3	T/NK-cell lymphoma	1	1	2
<b>C31 ACCESSORY SINUSES</b>					
<b>C31.0</b>	<b>Maxillary sinus</b>		<b>2</b>	<b>2</b>	<b>4</b>
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8200/3	Adenoid cystic carcinoma	1	0	1
M	8310/3	Clear cell adenocarcinoma, NOS	0	1	1
M	8810/3	Fibrosarcoma, NOS	0	1	1
<b>C31.1</b>	<b>Ethmoid sinus</b>		<b>0</b>	<b>2</b>	<b>2</b>
M	9260/3	Ewing sarcoma	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	0	1	1
<b>C32 LARYNX</b>					
<b>C32.0</b>	<b>Glottis</b>		<b>20</b>	<b>0</b>	<b>20</b>
M	8070/2	Squamous cell carcinoma in situ, NOS	2	0	2
M	8070/3	Squamous cell carcinoma, NOS	14	0	14
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	2	0	2
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	2	0	2



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
<b>C32.1</b>	<b>Supraglottis</b>		8	0	8
M	8010/3	Carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	5	0	5
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	2	0	2
<b>C32.3</b>	<b>Thyroid cartilage</b>		1	0	1
M	9220/3	Chondrosarcoma, NOS	1	0	1
<b>C32.9</b>	<b>Larynx, NOS</b>		4	0	4
M	8070/3	Squamous cell carcinoma, NOS	4	0	4
<b>C33 TRACHEA</b>					
<b>C33.9</b>	<b>Trachea</b>		1	0	1
M	8010/3	Carcinoma, NOS	1	0	1
<b>C34 LUNG AND BRONCHUS</b>					
<b>C34.1</b>	<b>Upper lobe, lung</b>		108	111	219
M	8010/3	Carcinoma, NOS	2	3	5
M	8013/3	Large cell neuroendocrine carcinoma	1	0	1
M	8031/3	Giant cell carcinoma	1	0	1
M	8041/3	Small cell carcinoma, NOS	2	0	2
M	8045/3	Combined small cell-large cell carcinoma	1	0	1
M	8046/3	Non-small cell carcinoma	52	47	99
M	8070/3	Squamous cell carcinoma, NOS	7	1	8
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	38	59	97
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	9699/3	MALT lymphoma	2	0	2
<b>C34.2</b>	<b>Middle lobe, lung</b>		13	10	23
M	8046/3	Non-small cell carcinoma	10	3	13
M	8140/3	Adenocarcinoma, NOS	3	6	9
M	9473/3	PNET, NOS	0	1	1
<b>C34.3</b>	<b>Lower lobe, lung</b>		66	95	161
M	8010/3	Carcinoma, NOS	3	2	5
M	8033/3	Sarcomatous carcinoma	1	0	1
M	8041/3	Small cell carcinoma, NOS	1	1	2
M	8046/3	Non-small cell carcinoma	35	47	82
M	8070/3	Squamous cell carcinoma, NOS	4	4	8
M	8140/2	Adenocarcinoma in situ, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	21	38	59
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8550/3	Acinic cell adenocarcinoma	0	1	1
M	8560/3	Adenosquamous carcinoma	0	1	1
<b>C34.8</b>	<b>Overl. lesion of lung</b>		2	1	3
M	8046/3	Non-small cell carcinoma	2	0	2
M	8140/3	Adenocarcinoma, NOS	0	1	1
<b>C34.9</b>	<b>Lung, NOS</b>		45	31	76
M	8010/3	Carcinoma, NOS	1	1	2
M	8041/3	Small cell carcinoma, NOS	4	0	4
M	8046/3	Non-small cell carcinoma	27	20	47
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	11	8	19
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8249/3	Atypical carcinoid tumor	0	1	1

<b>ICD-O SITE AND HISTOPATHOLOGY</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>
M	8980/3	Carcinosarcoma, NOS	0	1	1
<b>C37 THYMUS</b>					
<b>C37.9</b>	<b>Thymus</b>		<b>4</b>	<b>5</b>	<b>9</b>
M	8010/3	Carcinoma, NOS	0	1	1
M	8013/3	Large cell neuroendocrine carcinoma	1	0	1
M	8580/3	Thymoma, malignant, NOS	1	1	2
M	8582/3	Thymoma, type AB, malignant	1	1	2
M	8583/3	Thymoma, type B1, malignant	1	0	1
M	8584/3	Thymoma, type B2, malignant	0	1	1
M	8586/3	Thymic carcinoma, NOS	0	1	1
<b>C38 HEART, MEDIASTINUM AND PLEURA</b>					
<b>C38.1</b>	<b>Anterior mediastinum</b>		<b>10</b>	<b>3</b>	<b>13</b>
M	8584/3	Thymoma, type B2, malignant	1	0	1
M	8920/3	Alveolar rhabdomyosarcoma	0	1	1
M	9064/3	Germ cell tumor, NOS	3	0	3
M	9080/3	Immature teratoma, NOS	1	0	1
M	9650/3	Hodgkin lymphoma, NOS	2	0	2
M	9663/3	Classical Hodgkin lymphoma, nodular sclerosis, NOS	0	1	1
M	9679/3	Mediastinal large B-cell lymphoma	1	1	2
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	0	1
M	9714/3	Anaplastic large cell lymphoma, NOS	1	0	1
<b>C38.3</b>	<b>Mediastinum, NOS</b>		<b>3</b>	<b>2</b>	<b>5</b>
M	9061/3	Seminoma, NOS	1	0	1
M	9071/3	Yolk sac tumor	1	0	1
M	9085/3	Mixed germ cell tumor	1	0	1
M	9591/3	Non-Hodgkin lymphoma, NOS	0	1	1
M	9679/3	Mediastinal large B-cell lymphoma	0	1	1
<b>C38.4</b>	<b>Pleura, NOS</b>		<b>4</b>	<b>4</b>	<b>8</b>
M	8010/3	Carcinoma, NOS	1	0	1
M	8046/3	Non-small cell carcinoma	1	0	1
M	8140/3	Adenocarcinoma, NOS	0	2	2
M	9050/3	Mesothelioma, NOS	1	2	3
M	9729/3	T-lymphoblastic lymphoma	1	0	1
<b>C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS</b>					
<b>C40.2</b>	<b>Long bones of lower limb and associated joints</b>		<b>2</b>	<b>2</b>	<b>4</b>
M	9180/3	Osteosarcoma, NOS	2	2	4
<b>C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES</b>					
<b>C41.0</b>	<b>Bones of skull and face and associated joints</b>		<b>2</b>	<b>1</b>	<b>3</b>
M	9370/3	Chordoma, NOS	2	1	3
<b>C41.1</b>	<b>Mandible</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
<b>C41.2</b>	<b>Vertebral column</b>		<b>2</b>	<b>0</b>	<b>2</b>
M	9180/3	Osteosarcoma, NOS	1	0	1
M	9731/3	Plasmacytoma of bone	1	0	1
<b>C41.3</b>	<b>Rib, sternum, clavicle and associated joints</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	9180/3	Osteosarcoma, NOS	0	1	1
<b>C41.4</b>	<b>Pelvic bones, sacrum, coccyx and associated joints</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	9180/3	Osteosarcoma, NOS	0	1	1
<b>C41.9</b>	<b>Bone</b>		<b>1</b>	<b>0</b>	<b>1</b>
M	9180/3	Osteosarcoma, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
<b>C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS</b>					
<b>C42.1</b>	<b>Bone marrow</b>		<b>102</b>	<b>76</b>	<b>178</b>
M	9220/3	Chondrosarcoma, NOS	0	1	1
M	9500/3	Neuroblastoma, NOS	1	1	2
M	9732/3	Multiple myeloma	21	22	43
M	9801/3	Acute leukemia, NOS	2	1	3
M	9822/3	Subacute lymphoblastic leukemia, NOS	1	0	1
M	9823/3	Chronic lymphatic leukemia	4	3	7
M	9826/3	Acute lymphoblastic leukemia, mature, B-cell type	1	2	2
M	9835/3	Acute lymphoblastic leukemia, NOS	10	7	17
M	9836/3	Precursor B-cell lymphoblastic leukemia	11	5	16
M	9837/3	Precursor T-cell lymphoblastic leukemia	4	0	4
M	9840/3	Acute myeloid leukemia ,M6 type	1	0	1
M	9861/3	Acute myeloid leukemia, NOS	21	14	35
M	9863/3	Chronic myeloid leukemia, NOS	11	6	17
M	9866/3	Acute promyelocytic leukemia, NOS	2	0	2
M	9872/3	Acute myeloblastic leukemia	4	9	13
M	9940/3	Hairycell leukemia	1	0	1
M	9946/3	Juvenile myelomonocytic leukemia	1	1	2
M	9950/3	Polycythemia vera	1	0	1
M	9989/3	Myelodysplastic syndrome, NOS	5	4	9
<b>C44 SKIN</b>					
<b>C44.0</b>	<b>Skin of lip</b>		<b>2</b>	<b>3</b>	<b>5</b>
M	8051/3	Verrucous squamous cell carcinoma	0	1	1
M	8090/3	Basal cell carcinoma, NOS	2	2	4
<b>C44.1</b>	<b>Eyelid</b>		<b>5</b>	<b>7</b>	<b>12</b>
M	8090/3	Basal cell carcinoma, NOS	3	5	8
M	8097/3	Nodular basal cell carcinoma	1	0	1
M	8410/3	Sebaceous carcinoma	1	2	3
<b>C44.2</b>	<b>External ear</b>		<b>6</b>	<b>6</b>	<b>12</b>
M	8022/3	Pleomorphic carcinoma	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	5	2	7
M	8090/3	Basal cell carcinoma ,NOS	0	3	3
M	8097/3	Nodular basal cell carcinoma	0	1	1
<b>C44.3</b>	<b>Skin of other and unspecified parts of face</b>		<b>35</b>	<b>53</b>	<b>88</b>
M	8070/3	Squamous cell carcinoma, NOS	7	5	12
M	8081/2	Bowen disease	0	1	1
M	8090/3	Basal cell carcinoma, NOS	28	44	72
M	8097/3	Nodular basal cell carcinoma	0	2	2
M	8410/3	Sebaceous carcinoma	0	1	1
<b>C44.4</b>	<b>Skin of scalp and neck</b>		<b>6</b>	<b>8</b>	<b>14</b>
M	8070/3	Squamous cell carcinoma, NOS	3	4	7
M	8090/3	Basal cell carcinoma, NOS	2	2	4
M	8200/3	Adenoid cystic carcinoma	1	0	1
M	8832/3	Dermatofibrosarcoma, NOS	0	1	1
M	9120/3	Angiosarcoma	0	1	1
<b>C44.5</b>	<b>Skin of trunk</b>		<b>6</b>	<b>16</b>	<b>22</b>
M	8070/3	Squamous cell carcinoma, NOS	4	5	9
M	8090/3	Basal cell carcinoma, NOS	2	4	6
M	8094/3	Basosquamous carcinoma	0	1	1
M	8720/3	Malignant melanoma	0	4	4

<b>ICD-O SITE AND HISTOPATHOLOGY</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>
M	8801/3	Spindle cell sarcoma	0	1	1
M	9700/3	Mycosis fungoides	0	1	1
<b>C44.6</b>	<b>Skin of upper limb and shoulder</b>		<b>5</b>	<b>6</b>	<b>11</b>
M	8051/3	Verrucous squamous cell carcinoma	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	3	2	5
M	8090/3	Basal cell carcinoma, NOS	1	0	1
M	8720/3	Malignant melanoma	0	1	1
M	8801/3	Spindle cell sarcoma	0	1	1
M	8832/3	Dermatofibrosarcoma, NOS	0	1	1
M	9591/3	Non-Hodgkin lymphoma, NOS	1	0	1
<b>C44.7</b>	<b>Skin of lower limb and hip</b>		<b>13</b>	<b>11</b>	<b>24</b>
M	8051/3	Verrucous squamous cell carcinoma	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	5	2	7
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	0	1	1
M	8081/2	Bowen disease	0	2	2
M	8090/3	Basal cell carcinoma, NOS	1	1	2
M	8720/2	Melanoma in situ	0	1	1
M	8720/3	Malignant melanoma	4	2	6
M	8721/3	Nodular melanoma	0	1	1
M	8832/3	Dermatofibrosarcoma, NOS	0	1	1
M	9702/3	Peripheral T-cell lymphoma, NOS	2	0	2
<b>C44.9</b>	<b>Skin, NOS</b>		<b>0</b>	<b>2</b>	<b>2</b>
M	9700/3	Mycosis fungoides	0	2	2
<b>C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM</b>					
<b>C47.0</b>	<b>Per. nerves &amp; A.N.S. of head, face</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
<b>C48 RETROPERITONEUM AND PERITONEUM</b>					
<b>C48.0</b>	<b>Retroperitoneum</b>		<b>4</b>	<b>5</b>	<b>9</b>
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	8800/3	Sarcoma, NOS	0	1	1
M	8850/3	Liposarcoma, NOS	2	1	3
M	8890/3	Leiomyosarcoma, NOS	1	1	2
M	9500/3	Neuroblastoma, NOS	0	1	1
M	9673/3	Mantle cell lymphoma	0	1	1
<b>C48.1</b>	<b>Specified parts of peritoneum</b>		<b>0</b>	<b>2</b>	<b>2</b>
M	8441/3	Serous carcinoma, NOS	0	1	1
M	9691/3	Follicular lymphoma, grade2	0	1	1
<b>C48.2</b>	<b>Peritoneum, NOS</b>		<b>1</b>	<b>1</b>	<b>2</b>
M	8441/3	Serouscarcinoma, NOS	0	1	1
M	8850/3	Liposarcoma, NOS	1	0	1
<b>C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES</b>					
<b>C49.0</b>	<b>Connec., subcut. and other soft tissues of head, face, and neck</b>		<b>1</b>	<b>1</b>	<b>2</b>
M	8802/3	Pleomorphic cell sarcoma	1	0	1
M	8800/3	Sarcoma, NOS	0	1	1
<b>C49.1</b>	<b>Connec., subcut. And other soft tissues of upper limb and shoulder</b>		<b>3</b>	<b>2</b>	<b>5</b>
M	8800/3	Sarcoma, NOS	1	1	2
M	8830/3	Malignant fibrous histiocytoma	0	1	1
M	8910/3	Embryonal rhabdomayosarcoma, NOS	0	1	1
M	8890/3	Leiomyosarcoma, NOS	1	0	1
M	9581/3	Alveolar soft part sarcoma	1	0	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
<b>C49.2</b>	<b>Connec., subcut and other soft tissues of lower limb and hip</b>		7	12	19
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
M	8800/3	Sarcoma, NOS	3	3	6
M	8801/3	Spindle cell sarcoma	1	1	2
M	8811/3	Myxofibrosarcoma	1	0	1
M	8832/3	Dermatofibrosarcoma, NOS	0	1	1
M	8850/3	Liposarcoma, NOS	1	3	4
M	8890/3	Leiomyosarcoma, NOS	1	0	1
M	9040/3	Synovialsarcoma, NOS	0	2	2
M	9044/3	Clear cell sarcoma of soft tissue	0	1	1
<b>C49.3</b>	<b>Connec., subcut and other soft tissues of chest wall</b>		1	2	3
M	8800/3	Sarcoma, NOS	1	0	1
M	8850/3	Liposarcoma, NOS	0	1	1
M	9120/3	Angiosarcoma	0	1	1
<b>C49.4</b>	<b>Connec., subcut and other soft tissues of abdomen</b>		3	2	5
M	8811/3	Myxofibrosarcoma	1	0	1
M	8890/3	Leiomyosarcoma, NOS	0	2	2
M	8936/3	GIST, malignant	1	0	1
M	9180/3	Osteosarcoma, NOS	1	0	1
<b>C49.5</b>	<b>Connec., subcut and other soft tissues of pelvis</b>		3	3	6
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
M	8810/3	Fibrosarcoma, NOS	1	0	1
M	8850/3	Liposarcoma, NOS	1	0	1
M	8896/3	Myxoidleiomyo sarcoma	0	1	1
M	8900/3	Rhabdomyo sarcoma, NOS	1	0	1
M	9260/3	Ewingsarcoma	0	1	1
<b>C50 BREAST</b>					
<b>C50.0</b>	<b>Nipple</b>		0	18	18
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	7	7
M	8500/3	Infiltrating duct carcinoma, NOS	0	10	10
<b>C50.1</b>	<b>Central portion of breast</b>		0	63	63
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	3	3
M	8500/3	Infiltrating duct carcinoma, NOS	0	58	58
M	9020/3	Phyllodes tumor, malignant	0	1	1
<b>C50.2</b>	<b>Upper-inner quadrant of breast</b>		0	95	95
M	8050/3	Papillary carcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	9	9
M	8500/3	Infiltrating duct carcinoma, NOS	0	81	81
M	8520/3	Infiltrating lobular carcinoma,NOS	0	2	2
M	9120/3	Angiosarcoma	0	1	1
<b>C50.3</b>	<b>Lower-inner quadrant of breast</b>		0	34	34
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	6	6
M	8500/3	Infiltrating duct carcinoma, NOS	0	25	25
M	8523/3	Infiltrating duct and mucinous carcinoma	0	1	1
M	9673/3	Mantle zone lymphoma	0	1	1
<b>C50.4</b>	<b>Upper-outer quadrant of breast</b>		0	296	296
M	8010/3	Carcinoma, NOS	0	1	1

<b>ICD-O SITE AND HISTOPATHOLOGY</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>
M	8050/3	Papillary carcinoma, NOS	0	1	1
M	8211/3	Tubular carcinoma	0	1	1
M	8230/3	Solid carcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	6	6
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	37	37
M	8500/3	Infiltrating duct carcinoma, NOS	0	243	243
M	8503/3	Invasive papillary carcinoma	0	1	1
M	8520/3	Infiltrating lobular carcinoma, NOS	0	3	3
M	9020/3	Phyllodes tumor, malignant	0	2	2
<b>C50.5</b>	<b>Lower-outer quadrant of breast</b>		<b>0</b>	<b>49</b>	<b>49</b>
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	2	2
M	8500/3	Infiltrating duct carcinoma, NOS	0	43	43
M	8503/2	Intraductal papillary carcinoma, NOS	0	1	1
M	8520/3	Infiltrating lobular carcinoma, NOS	0	1	1
M	8523/3	Infiltrating duct and mucinous carcinoma	0	1	1
<b>C50.6</b>	<b>Axillary tail of breast</b>		<b>1</b>	<b>14</b>	<b>15</b>
M	8343/3	Papillary carcinoma, encapsulate	0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	1	13	14
<b>C50.8</b>	<b>Overl. lesion of breast</b>		<b>0</b>	<b>15</b>	<b>15</b>
M	8010/3	Carcinoma, NOS	0	1	1
M	8500/2	Intraductal carcinoma , noninfiltrating, NOS	0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	0	13	13
<b>C50.9</b>	<b>Breast, NOS</b>		<b>2</b>	<b>198</b>	<b>200</b>
M	8004/3	Malignant tumor, spindle cell type	2	1	1
M	8010/3	Carcinoma, NOS	0	3	3
M	8050/2	Papillary carcinoma in situ	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	4	4
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	14	14
M	8500/3	Infiltrating duct carcinoma, NOS	2	170	172
M	8520/3	Infiltrating lobular carcinoma, NOS	0	2	2
M	9120/3	Angiosarcoma	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
<b>C51 VULVA</b>					
<b>C51.1</b>	<b>Labium minus</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
<b>C51.9</b>	<b>Vulva, NOS</b>		<b>0</b>	<b>7</b>	<b>7</b>
M	8070/3	Squamous cell carcinoma, NOS	0	4	4
M	8090/3	Basal cell carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	2	2
<b>C52 VAGINA</b>					
<b>C52.9</b>	<b>Vagina, NOS</b>		<b>0</b>	<b>4</b>	<b>4</b>
M	8070/3	Squamous cell carcinoma, NOS	0	2	2
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8720/3	Malignant melanoma	0	1	1
<b>C53 CERVIX UTERI</b>					
<b>C53.0</b>	<b>Endocervix</b>		<b>0</b>	<b>21</b>	<b>21</b>
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	0	1	1
M	8140/2	Adenocarcinoma in situ, NOS	0	1	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8140/3	Adenocarcinoma, NOS	0	17	17
M	8380/3	Endometrioid adenocarcinoma, NOS	0	2	2
<b>C53.1</b>	<b>Exocervix</b>		<b>0</b>	<b>79</b>	<b>79</b>
M	8041/3	Small cell carcinoma, NOS	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	0	49	49
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	0	3	3
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	0	24	24
M	8076/3	Microinvasive squamous cell carcinoma	0	1	1
M	8077/2	CINIII,NOS	0	1	1
<b>C53.9</b>	<b>Cervix uteri</b>		<b>0</b>	<b>30</b>	<b>30</b>
M	8010/3	Carcinoma, NOS	0	8	8
M	8070/3	Squamous cell carcinoma, NOS	0	8	8
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	0	1	1
M	8072/3	Squamous cell carcinoma, nonkeratinizing, NOS	0	5	5
M	8077/2	CIN III, NOS	0	5	5
M	8140/3	Adenocarcinoma, NOS	0	3	3
<b>C54 CORPUS UTERI</b>					
<b>C54.1</b>	<b>Endometrium</b>		<b>0</b>	<b>140</b>	<b>140</b>
M	8010/3	Carcinoma, NOS	0	2	2
M	8140/3	Adenocarcinoma, NOS	0	5	5
M	8380/3	Endometrioid adenocarcinoma, NOS	0	120	120
M	8441/3	Serouscarcinoma, NOS	0	9	9
M	8460/3	Micropapillary serous carcinoma	0	1	1
M	8931/3	Endometrial stromal sarcoma, low grade	0	1	1
M	8980/3	Carcinosarcoma, NOS	0	2	2
<b>C54.9</b>	<b>Corpus uteri</b>		<b>0</b>	<b>2</b>	<b>2</b>
M	8010/3	Carcinoma, NOS	0	1	1
M	8380/3	Endometrioid adenocarcinoma, NOS	0	1	1
<b>C55 UTERUS, NOS</b>					
<b>C55.9</b>	<b>Uterus, NOS</b>		<b>0</b>	<b>9</b>	<b>9</b>
M	8800/3	Sarcoma, NOS	0	2	2
M	8805/3	Undifferentiated sarcoma	0	1	1
M	8890/3	Leiomyosarcoma, NOS	0	4	4
M	8931/3	Endometrial stromal sarcoma, low grade	0	1	1
M	9100/3	Choriocarcinoma, NOS	0	1	1
<b>C56 OVARY</b>					
<b>C56.9</b>	<b>Ovary</b>		<b>0</b>	<b>101</b>	<b>101</b>
M	8010/3	Carcinoma, NOS	0	11	11
M	8077/2	CIN III, NOS	0	2	2
M	8090/3	Basal cell carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	12	12
M	8260/3	Papillary carcinoma of thyroid	0	1	1
M	8310/3	Clear cell adenocarcinoma, NOS	0	26	26
M	8380/3	Endometrioid adenocarcinoma, NOS	0	8	8
M	8441/3	Serouscarcinoma, NOS	0	25	25
M	8470/3	Mucinous cystadenocarcinoma, NOS	0	3	3
M	8480/3	Mucinous adenocarcinoma	0	3	3
M	8670/3	Steroid cell tumor, malignant	0	1	1
M	8890/3	Leiomyosarcoma, NOS	0	1	1
M	9060/3	Dysgerminoma	0	2	2
M	9080/3	Immature teratoma, NOS	0	4	4



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9085/3	Mixed germ cell tumor	0	1	1
<b>C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS</b>					
C57.0	<b>Fallopian tube</b>		0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
<b>C58 Placenta</b>					
C58.9	<b>Placenta</b>		0	5	5
M	9100/3	Gestational choriocarcinoma	0	5	5
<b>C60 PENIS</b>					
C60.2	<b>Body of penis</b>		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C60.9	<b>Penis, NOS</b>		4	0	4
M	8070/3	Squamous cell carcinoma, NOS	4	0	4
<b>C61 PROSTATE GLAND</b>					
C61.9	<b>Prostate gland</b>		260	0	260
M	8010/3	Carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	253	0	253
M	8550/3	Acinic cell adenocarcinoma	5	0	5
M	9930/3	Myeloid sarcoma	1	0	1
<b>C62 TESTIS</b>					
C62.1	<b>Descended testis</b>		1	0	1
M	9085/3	Mixed germ cell tumor	1	0	1
C62.9	<b>Testis, NOS</b>		11	0	11
M	8320/3	Granular cell carcinoma	1	0	1
M	9061/3	Seminoma, NOS	5	0	5
M	9065/3	Germ cell tumor, nonseminomatous	2	0	2
M	9071/3	Yolk sac tumor	1	0	1
M	9085/3	Mixed germ cell tumor	1	0	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	0	1
<b>C63 EPIDIDYMIS, SPERMATIC CORD, MALE GENITAL ORGANS</b>					
C63.2	<b>Scrotum, NOS</b>		2	0	2
M	8051/3	Verrucous squamous cell carcinoma	1	0	1
M	8542/3	Extramammary Paget disease	1	0	1
<b>C64 KIDNEY</b>					
C64.9	<b>Kidney</b>		53	28	81
M	8120/3	Transition cell carcinoma, NOS	5	3	8
M	8260/3	Papillary carcinoma of thyroid	2	0	2
M	8310/3	Clear cell adenocarcinoma, NOS	9	4	13
M	8312/3	Renal cell carcinoma, NOS	36	18	54
M	8850/3	Liposarcoma, NOS	0	1	1
M	8960/3	Wilms tumor	0	2	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
<b>C65 RENAL PELVIS</b>					
C65.9	<b>Renal pelvis</b>		5	6	11
M	8120/3	Transition cell carcinoma, NOS	3	6	9
M	8130/3	Papillary transitional cell carcinoma	2	0	2
<b>C66 URETER</b>					
C66.9	<b>Ureter</b>		4	3	7
M	8120/3	Transition cell carcinoma, NOS	4	3	7
<b>C67 BLADDER</b>					
C67.1	<b>Dome of bladder</b>		1	0	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8120/3	Transition cell carcinoma, NOS	1	0	1
<b>C67.2</b>	<b>Lateral wall of bladder</b>		<b>2</b>	<b>1</b>	<b>3</b>
M	8120/3	Transition cell carcinoma, NOS	2	0	2
M	8500/3	Infiltrating duct carcinoma, NOS	0	1	1
<b>C67.3</b>	<b>Anterior wall of bladder</b>		<b>1</b>	<b>3</b>	<b>4</b>
M	8120/3	Transition cell carcinoma, NOS	1	3	4
<b>C67.4</b>	<b>Posterior wall of bladder</b>		<b>1</b>	<b>0</b>	<b>1</b>
M	8120/3	Transition cell carcinoma, NOS	1	0	1
<b>C67.9</b>	<b>Bladder, NOS</b>		<b>63</b>	<b>20</b>	<b>83</b>
M	8010/3	Carcinoma, NOS	3	1	4
M	8120/3	Transition cell carcinoma, NOS	52	17	69
M	8130/2	Non-invasive papillary urothelial carcinoma, low grade	2	1	3
M	8130/3	Papillary transitional cell carcinoma	5	1	6
M	8140/3	Adenocarcinoma, NOS	1	0	1
<b>C69 EYE AND ADNEXA</b>					
<b>C69.0</b>	<b>Conjunctiva</b>		<b>1</b>	<b>5</b>	<b>6</b>
M	8070/2	Squamous cell carcinoma in situ, NOS	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	1	4	5
<b>C69.2</b>	<b>Retina</b>		<b>10</b>	<b>11</b>	<b>21</b>
M	9510/3	Retinoblastoma, NOS	10	10	20
M	9591/3	Non-Hodgkin lymphoma, NOS	0	1	1
<b>C69.3</b>	<b>Choroid</b>		<b>6</b>	<b>5</b>	<b>11</b>
M	8720/3	Malignant melanoma	6	5	11
<b>C69.6</b>	<b>Orbit, NOS</b>		<b>2</b>	<b>3</b>	<b>5</b>
M	9591/3	B cell lymphoma, NOS	0	1	1
M	9699/3	MALT lymphoma	2	2	4
<b>C69.9</b>	<b>Eye, NOS</b>		<b>2</b>	<b>1</b>	<b>3</b>
M	9590/3	Lymphoma, NOS	1	0	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	0	1
M	9699/3	MALT lymphoma	0	1	1
<b>C70 MENINGES</b>					
<b>C70.0</b>	<b>Cerebral meninges</b>		<b>1</b>	<b>1</b>	<b>2</b>
M	9530/0	Meningioma, NOS	1	1	2
<b>C70.9</b>	<b>Meninges, NOS</b>		<b>1</b>	<b>1</b>	<b>2</b>
M	9150/1	Hemangiopericytoma ,NOS	1	0	1
M	9539/1	Atypical meningioma	0	1	1
<b>C71 BRAIN</b>					
<b>C71.0</b>	<b>Cerebrum</b>		<b>2</b>	<b>1</b>	<b>3</b>
M	9131/0	Hemangiomasimplex	1	0	1
M	9380/3	Glioma, malignant	0	1	1
M	9440/3	Glioblastoma, NOS	1	0	1
<b>C71.1</b>	<b>Frontal lobe</b>		<b>13</b>	<b>20</b>	<b>33</b>
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	9064/3	Germ cell tumor, NOS	1	0	1
M	9380/3	Glioma, malignant	2	0	2
M	9382/3	Oligoastrocytoma	1	1	2
M	9400/3	Astrocytoma, NOS	2	2	4
M	9401/3	Anaplastic astrocytoma	0	1	1
M	9440/3	Glioblastoma, NOS	8	7	15
M	9505/1	Ganglioglioma, NOS	0	1	1
M	9530/0	Meningioma, NOS	0	1	1

<b>ICD-O SITE AND HISTOPATHOLOGY</b>			<b>Male</b>	<b>Female</b>	<b>Total</b>
M	9539/1	Atypical meningioma	0	1	1
M	9591/3	Non-Hodgkin lymphoma, NOS	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	0	4	4
<b>C71.2</b>	<b>Temporal lobe</b>		<b>5</b>	<b>4</b>	<b>9</b>
M	9400/3	Astrocytoma, low grade	0	1	1
M	9401/3	Anaplastic astrocytoma	0	1	1
M	9424/3	Pleomorphi cxanthoastrocytoma	0	1	1
M	9440/3	Glioblastoma, NOS	3	0	3
M	9450/3	Oligodendroglioma, NOS	1	0	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	1	2
<b>C71.3</b>	<b>Parietal lobe</b>		<b>7</b>	<b>1</b>	<b>8</b>
M	9392/3	Anaplastic ependymoma	1	0	1
M	9400/3	Diffuse astrocytoma	1	0	1
M	9440/3	Glioblastoma, NOS	4	0	4
M	9451/3	Anaplastic oligodendroglioma	1	0	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	0	1	1
<b>C71.4</b>	<b>Occipital lobe</b>		<b>1</b>	<b>1</b>	<b>2</b>
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	1	2
<b>C71.5</b>	<b>Ventricle, NOS</b>		<b>1</b>	<b>3</b>	<b>4</b>
M	9362/3	Pineoblastoma	0	1	1
M	9470/3	Medulloblastoma, NOS	1	1	2
M	9530/0	Meningioma, NOS	0	1	1
<b>C71.6</b>	<b>Cerebellum, NOS</b>		<b>4</b>	<b>6</b>	<b>10</b>
M	9391/3	Ependymoma, NOS	0	1	1
M	9421/1	Pilocytic astrocytoma	1	0	1
M	9440/3	Glioblastoma, NOS	0	1	1
M	9470/3	Medulloblastoma, NOS	3	3	6
M	9560/0	Schwannoma, NOS	0	1	1
<b>C71.7</b>	<b>Brain stem</b>		<b>6</b>	<b>2</b>	<b>8</b>
M	9380/3	Glioma, malignant	1	2	3
M	9382/3	Mixed glioma	1	0	1
M	9391/3	Ependymoma, NOS	1	0	1
M	9421/1	Pilocytic astrocytoma	1	0	1
M	9470/3	Medulloblastoma, NOS	1	0	1
M	9591/3	Non-Hodgkin lymphoma, NOS	1	0	1
<b>C71.8</b>	<b>Overl. lesion of brain</b>		<b>2</b>	<b>0</b>	<b>2</b>
M	9380/3	Glioma, malignant	1	0	1
M	9400/3	Diffuse astrocytoma	1	0	1
<b>C71.9</b>	<b>Brain, NOS</b>		<b>10</b>	<b>9</b>	<b>19</b>
M	8832/3	Dermatofibrosarcoma, NOS	1	0	1
M	9064/3	Germ cell tumor, NOS	0	1	1
M	9220/3	Chondrosarcoma, NOS	0	1	1
M	9380/3	Glioma,malignant	1	2	3
M	9382/3	Mixed glioma	0	1	1
M	9391/3	Ependymoma, NOS	0	1	1
M	9400/3	Astrocytoma, NOS	0	1	1
M	9421/1	Pilocytic astrocytoma	0	1	1
M	9440/3	Glioblastoma multiforme	1	0	1
M	9470/3	Medulloblastoma, NOS	3	0	3
M	9530/0	Meningioma, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	3	1	4
<b>C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>					
<b>C72.0</b>	<b>Spinal cord</b>		0	2	2
M	9391/3	Ependymoma, NOS	0	1	1
M	9400/3	Astrocytoma, low grade	0	1	1
<b>C72.3</b>	<b>Optic nerve</b>		3	0	3
M	9380/3	Glioma, malignant	2	0	2
M	9540/0	Neurofibroma, NOS	1	0	1
<b>C72.8</b>	<b>Overl. lesionofbrainand CNS</b>		0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	0	1	1
<b>C72.9</b>	<b>Central nervous system</b>		1	1	2
M	9560/0	Schwannoma, NOS	1	0	1
M	9590/3	Lymphoma, NOS	0	1	1
<b>C73 THYROID GLAND</b>					
<b>C73.9</b>	<b>Thyroid gland</b>		48	262	310
M	8010/3	Carcinoma, NOS	2	0	2
M	8021/3	Anaplastic carcinoma	0	1	1
M	8050/3	Papillary carcinoma, NOS	2	10	12
M	8260/3	Papillary carcinoma of thyroid	37	215	252
M	8290/3	Mucinous adenocarcinoma	0	1	1
M	8330/3	Follicular carcinoma, NOS	1	5	6
M	8340/3	Papillary carcinoma, follicular variant	3	12	15
M	8341/3	Papillary microcarcinoma	2	17	19
M	9591/3	Non-Hodgkin lymphoma, NOS	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	0	1
<b>C74 ADRENAL GLAND</b>					
<b>C74.9</b>	<b>Adrenal gland, NOS</b>		5	4	9
M	8370/3	Adrenal cortical carcinoma	0	1	1
M	9490/3	Ganglioneuroblastoma	2	0	2
M	9500/3	Neuroblastoma, NOS	3	2	5
M	9591/3	Non-Hodgkin lymphoma, NOS	0	1	1
<b>C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES</b>					
<b>C75.0</b>	<b>Parathyroid gland</b>		1	0	1
M	8140/3	Adenocarcinoma, NOS	1	0	1
<b>C75.1</b>	<b>Pituitary gland</b>		1	0	1
M	9064/3	Germ cell tumor, NOS	1	0	1
<b>C75.3</b>	<b>Pineal gland</b>		1	1	2
M	9064/3	Germ cell tumor, NOS	1	1	2
<b>C76 OTHER AND ILL-DEFINED SITES</b>					
<b>C76.4</b>	<b>Upper limb, NOS</b>		0	1	1
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
<b>C76.5</b>	<b>Lower limb, NOS</b>		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
<b>C76.7</b>	<b>Other ill-defined sites</b>		1	0	1
M	8140/3	Adenocarcinoma, NOS	1	0	1
<b>C77 LYMPH NODES</b>					
<b>C77.0</b>	<b>Lymph nodes of head, face and neck</b>		28	38	66
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	9500/3	Neuroblastoma, NOS	0	1	1
M	9590/3	Lymphoma, NOS	0	1	1
M	9591/3	Non-Hodgkin lymphoma, NOS	6	6	12

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9650/3	Hodgkin lymphoma, NOS	1	4	5
M	9663/3	Classical Hodgkin lymphoma, nodular sclerosis, NOS	4	0	4
M	9673/3	Mantle zone lymphoma	2	0	2
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	8	17	25
M	9687/3	Burkitt lymphoma, NOS	0	2	2
M	9690/3	Follicular lymphoma, NOS	3	3	6
M	9691/3	Follicular lymphoma, grade2	0	1	1
M	9695/3	Follicular lymphoma, grade1	0	2	2
M	9699/3	MALT lymphoma	2	1	3
M	9705/3	Angioimmunoblastic T-cell lymphoma	1	0	1
<b>C77.1</b>	<b>Intrathoracic lymph nodes</b>		<b>6</b>	<b>3</b>	<b>9</b>
M	9591/3	Non-Hodgkin lymphoma, NOS	2	1	3
M	9650/3	Hodgkin lymphoma, NOS	1	1	2
M	9679/3	Mediastinal large B-cell lymphoma	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	3	0	3
<b>C77.2</b>	<b>Intra-abdominal lymph nodes</b>		<b>6</b>	<b>8</b>	<b>14</b>
M	8330/3	Follicular carcinoma, NOS	0	1	1
M	9591/3	Non-Hodgkin lymphoma, NOS	2	0	2
M	9650/3	Hodgkin lymphoma, NOS	1	0	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	6	7
M	9687/3	Burkitt lymphoma, NOS	1	1	2
M	9695/3	Follicular lymphoma, grade1	1	0	1
<b>C77.3</b>	<b>Lymph nodes of axilla or arm</b>		<b>3</b>	<b>5</b>	<b>8</b>
M	9650/3	Hodgkin lymphoma, NOS	1	0	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	4	5
M	9705/3	Angioimmunoblastic T-cell lymphoma	1	0	1
M	9719/3	Extranodal NK/T cell lymphoma	0	1	1
<b>C77.4</b>	<b>Lymph nodes of inguinal region or leg</b>		<b>3</b>	<b>5</b>	<b>8</b>
M	9591/3	Non-Hodgkin lymphoma, NOS	1	0	1
M	9650/3	Hodgkin lymphoma ,NOS	1	0	1
M	9673/3	Mantle cell lymphoma	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	2	3
M	9690/3	Follicular lymphoma, NOS	0	1	1
M	9719/3	Extranodal NK/T cell lymphoma	0	1	1
<b>C77.5</b>	<b>Pelvic lymph node</b>		<b>0</b>	<b>1</b>	<b>1</b>
M	9591/3	Non-Hodgkin lymphoma, NOS	0	1	1
<b>C77.9</b>	<b>Lymph node, NOS</b>		<b>24</b>	<b>20</b>	<b>44</b>
M	9591/3	Non-Hodgkin lymphoma, NOS	1	3	4
M	9650/3	Hodgkin lymphoma, NOS	1	1	2
M	9673/3	Mantle cell lymphoma	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	10	8	18
M	9687/3	Burkitt lymphoma, NOS	2	3	5
M	9690/3	Follicular lymphoma, NOS	3	1	4
M	9691/3	Follicular lymphoma, grade2	1	0	1
M	9699/3	Marginal zone lymphoma, NOS	1	0	1
M	9702/3	T-cell lymphoma, NOS	1	1	2
M	9708/3	Subcutaneous panniculitis-like T-cell lymphoma	1	0	1
M	9714/3	Anaplastic large cell lymphoma, NOS	2	0	2
M	9719/3	Extranodal NK/T cell lymphoma	1	1	2
M	9728/3	Precursor B-cell lymphoblastic lymphoma	0	1	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
<b>C80 UNKNOWN PRIMARY SITE</b>					
C80.9	<b>Unknown primary site</b>		<b>9</b>	<b>3</b>	<b>12</b>
M	8010/3	Carcinoma, NOS	2	1	3
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
M	8140/3	Adenocarcinoma, NOS	5	2	7



## CHAPTER V

### THE MOST COMMON CANCER SITES

**BREAST**

**COLORECTAL**

**LUNG AND BRONCHUS**

**LIVER AND INTRAHEPATIC BILE DUCTS**

**THYROID GLAND**

**PROSTATE GLAND**

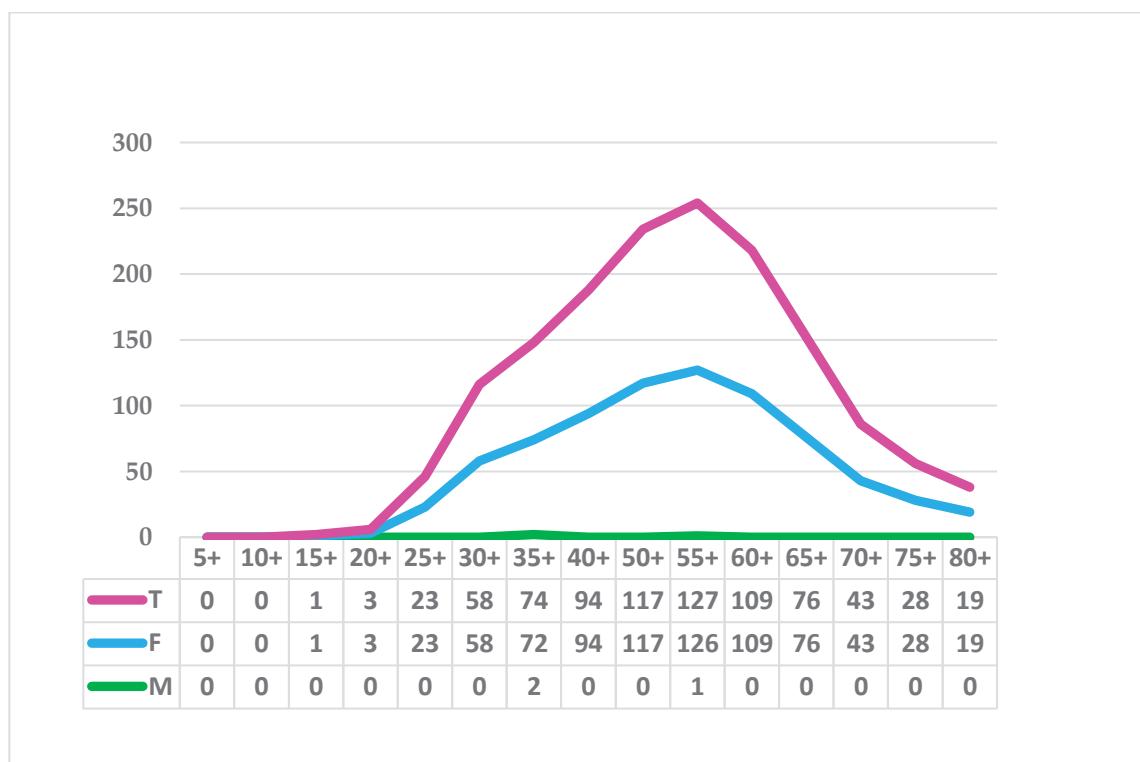
**CHILDHOOD CANCER**

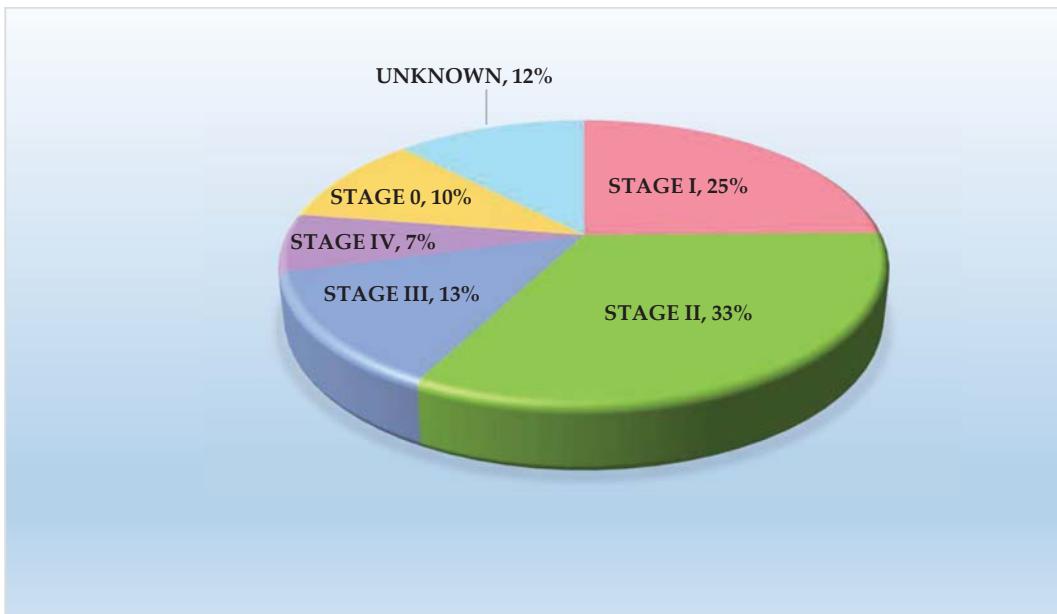
**BREAST****Table 5.1** Age and gender of breast cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	55.6 (12.5)
Median and range age at diagnosis	56 (23-98)
% of the patient is lower than 15 year of age at diagnosis	0.0 %
Gender	
Male	3 (0.4%)
Female	782 (99.6%)
Sex ratio (male: female)	0.0:1

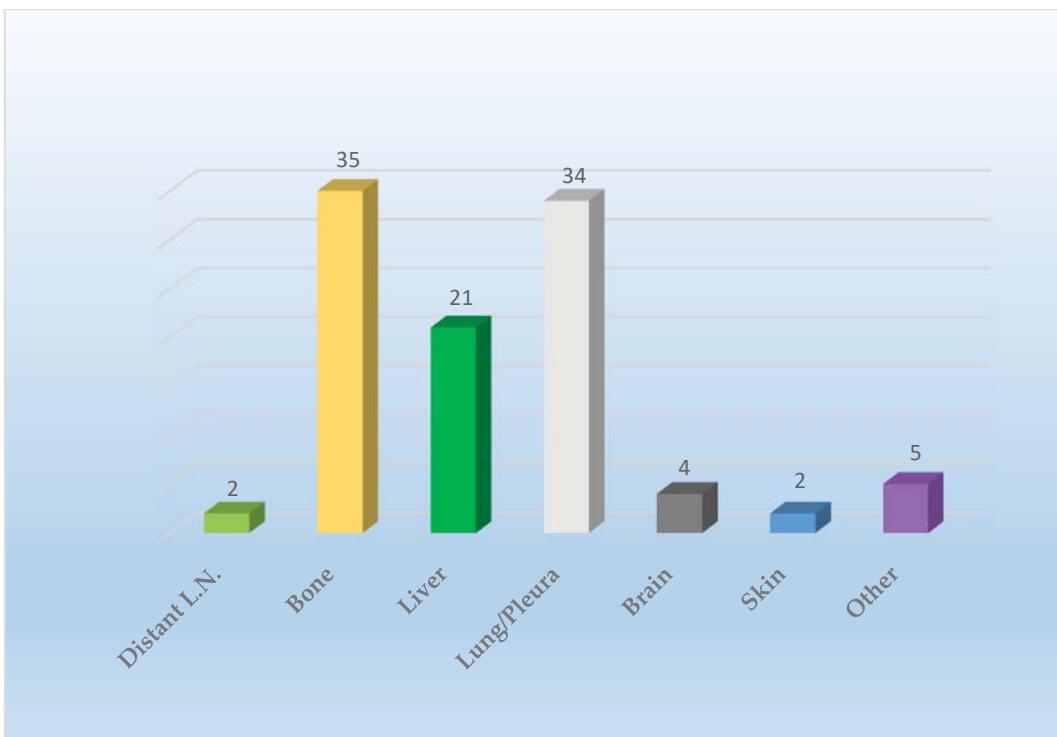
**Table 5.2** Most valid method of diagnosis for breast cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	3	0.4	782	99.6	785	100.0
Total	3	0.4	782	99.6	785	100.0

**Figure 5.1** Age at diagnosis of breast cancer, 2018, by sex.



**Figure 5.2** Distribution of staging for breast cancer.(%)



**Figure 5.3** Distribution of metastasis for breast cancer.

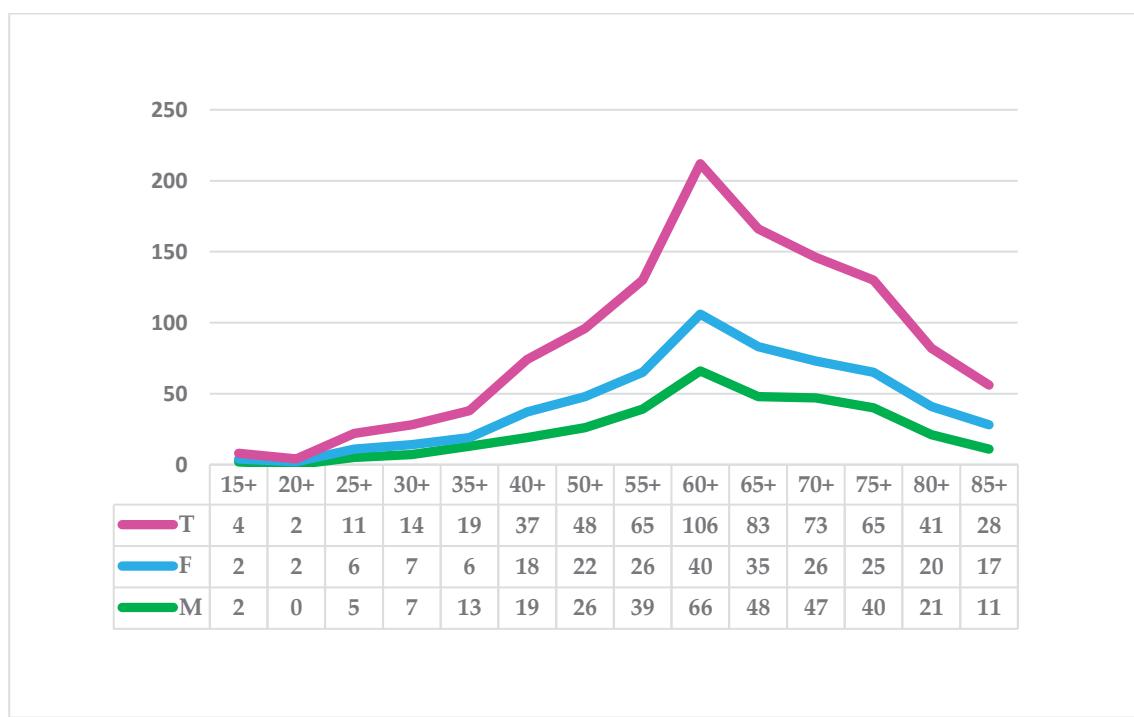
## COLORECTAL

**Table 5.3** Age and gender of Colon and Rectum cancer.

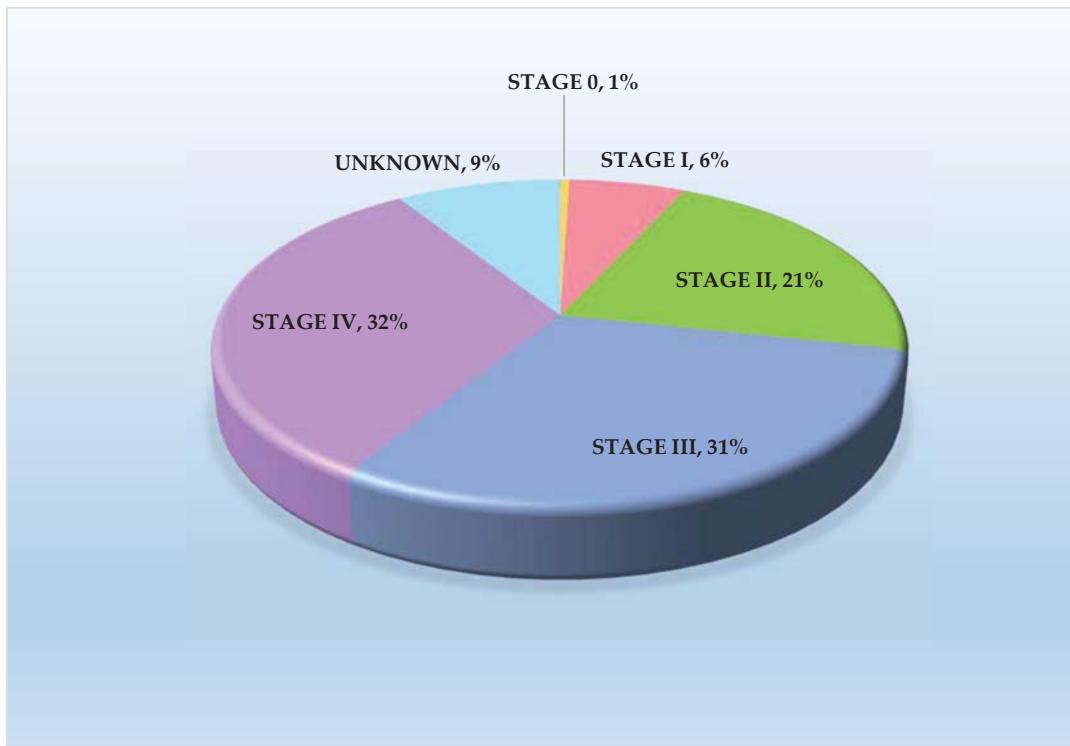
Special Notes	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	63.7 (13.3)
Median and range age at diagnosis	64 (22-99)
% of the patient is lower than 15 year of age at diagnosis	0.0 %
<b>Gender</b>	
Male	344(57.7%)
Female	252(42.3%)
Sex ratio (male: female)	1.36:1

**Table 5.4** Most valid method of diagnosis for colorectal cancer.

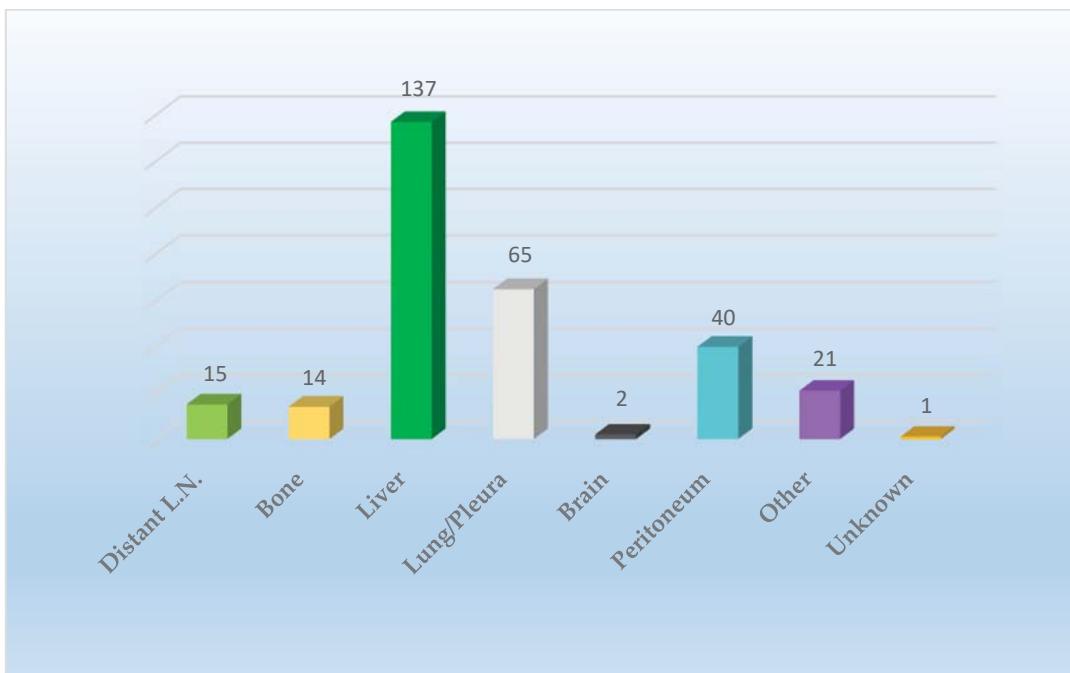
Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	344	57.7	252	42.3	596	100.0
<b>Total</b>	<b>344</b>	<b>57.7</b>	<b>252</b>	<b>42.3</b>	<b>596</b>	<b>100.0</b>



**Figure 5.4** Age at diagnosis of Colon and Rectum cancer, 2018, by sex.



**Figure 5.5** Distribution of staging for Colon and Rectum cancer.(%)



**Figure 5.6** Distribution of metastasis for Colon and Rectum cancer.

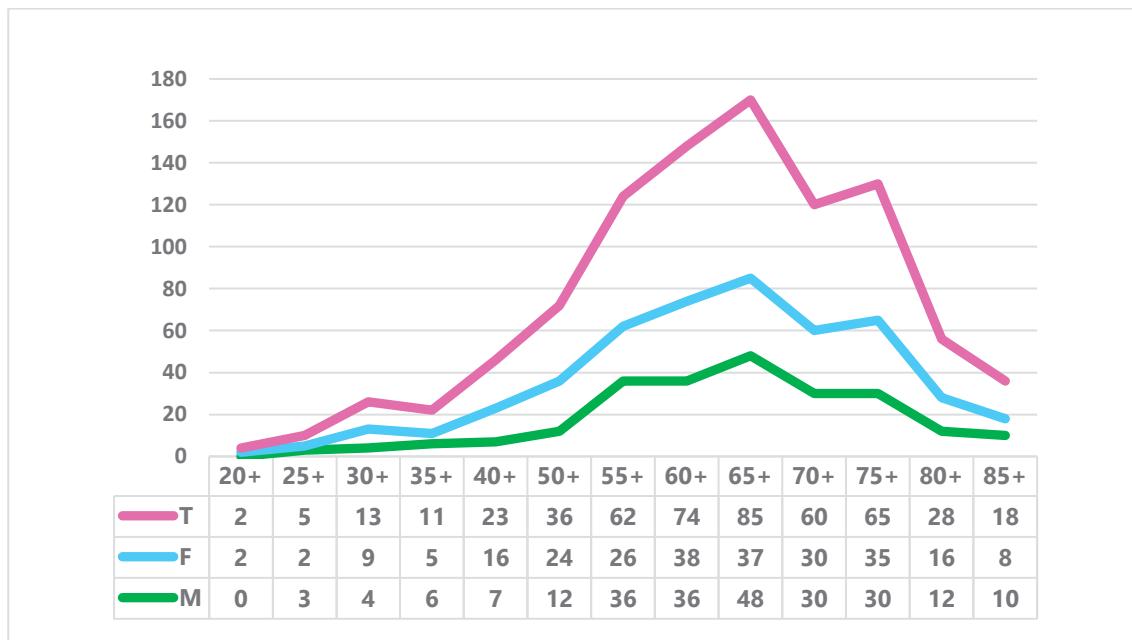
## LUNG AND BRONCHUS

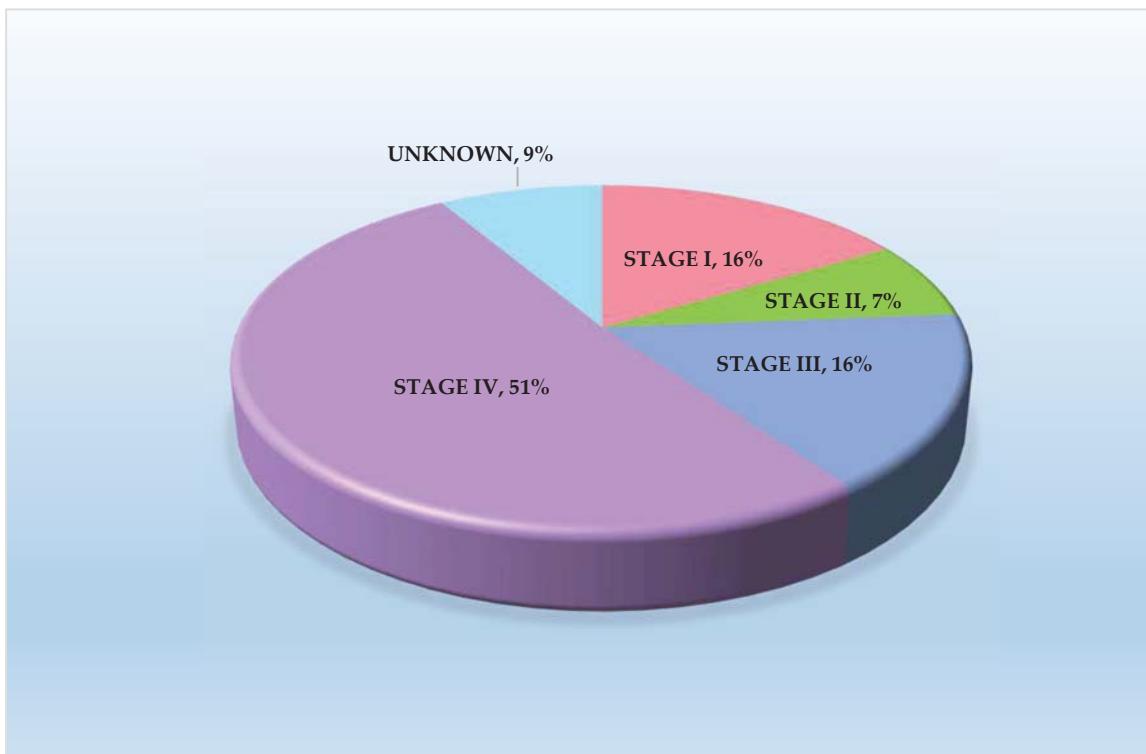
**Table 5.5** Age and gender of lung cancer, by sex

<b>Special Notes</b>	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	64.7 (12.2)
Median and range age at diagnosis	65 (29.93)
% of the patient is lower than 15 year of age at diagnosis	0.0 %
<b>Gender</b>	
Male	235 (48.5%)
Female	248 (51.5%)
Sex ratio (male: female)	0.94:1

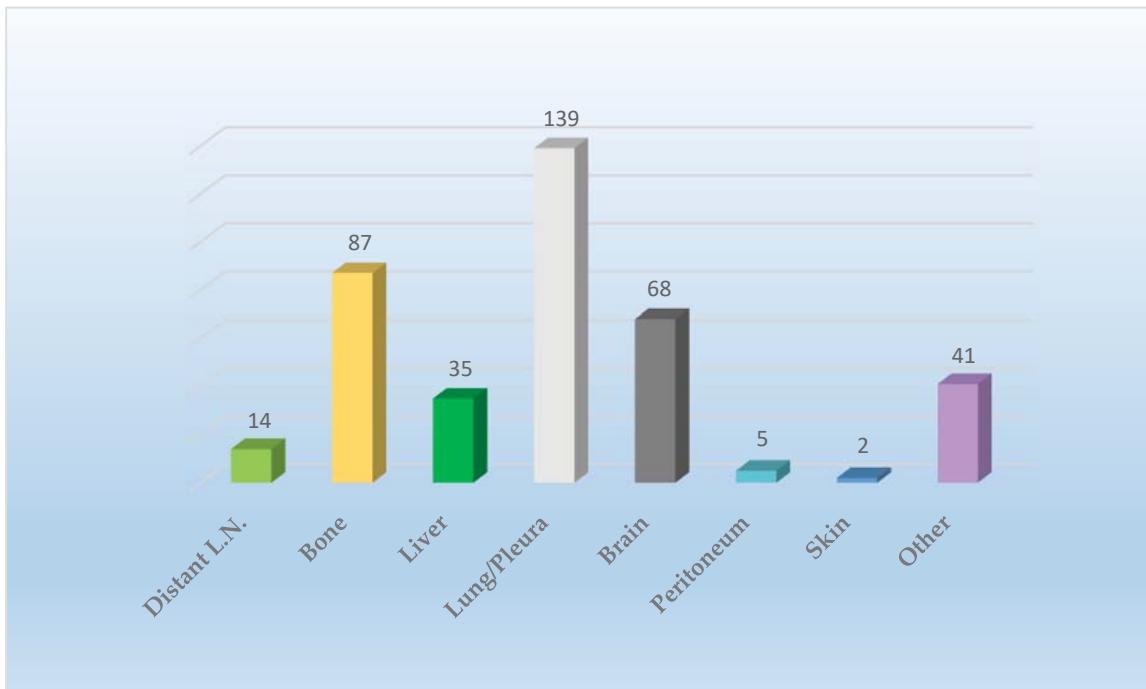
**Table 5.6** Most valid method of diagnosis for lung cancer.

<b>Basis of diagnosis</b>	<b>Male</b>		<b>Female</b>		<b>Total</b>	
	N	%	N	%	N	%
Clinical investigation/imaging	1	0.4	2	0.8	3	0.6
Histology or metastasis	1	0.4	0	0.0	1	0.2
Histology of primary	232	99.2	246	99.2	478	99.2
<b>Total</b>	<b>234</b>	<b>100.0</b>	<b>248</b>	<b>100.0</b>	<b>482</b>	<b>100.0</b>


**Figure 5.7** Age at diagnosis of lung cancer, 2018, by sex.



**Figure 5.8** Distribution of staging for lung cancer. (%)



**Figure 5.9** Distribution of metastasis for lung cancer.

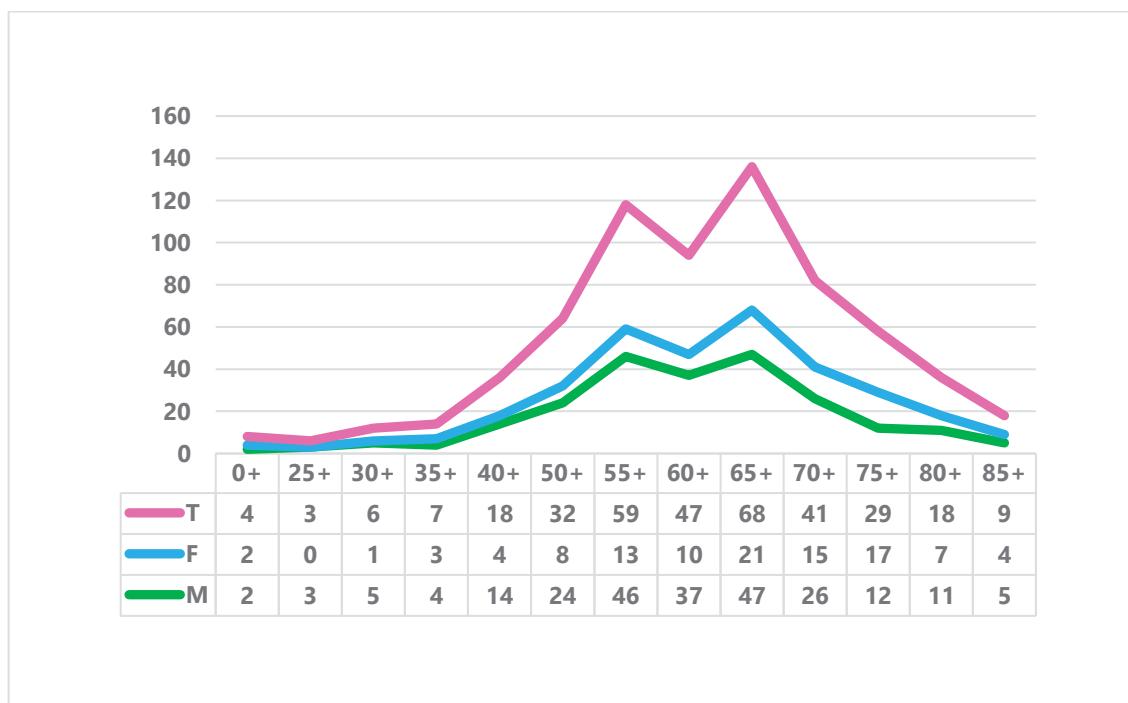
## LIVER AND INTRAHEPATIC BILE DUCTS

**Table 5.7** Age and gender of liver and bile duct cancer.

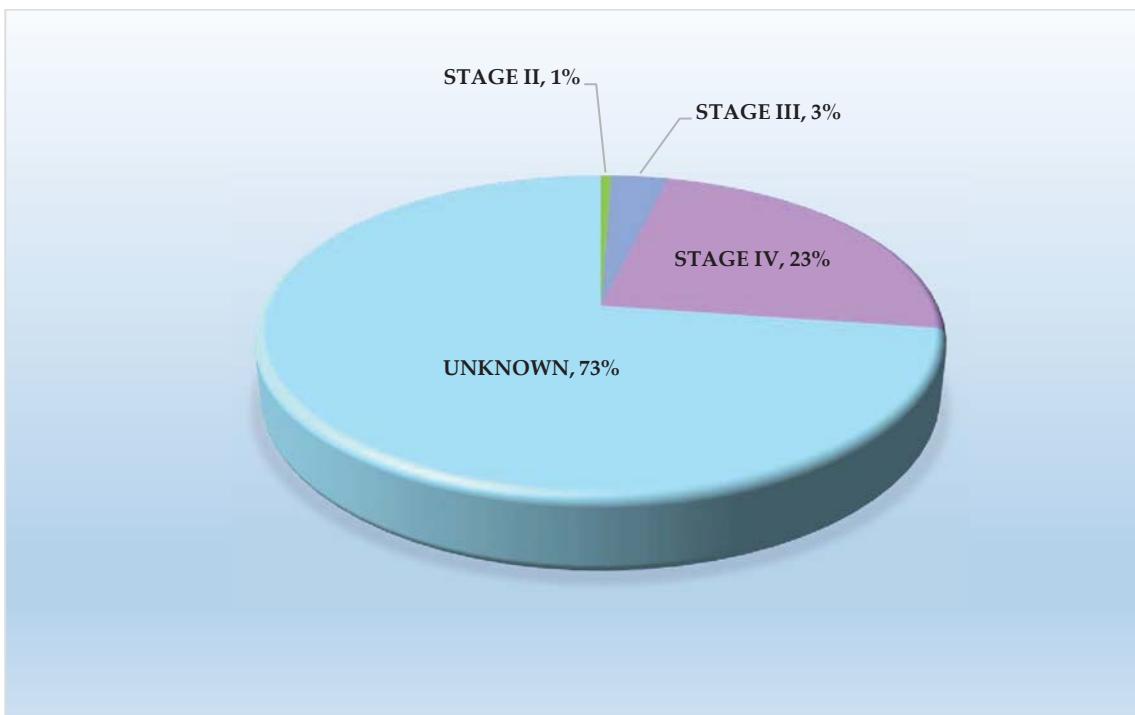
Special Notes		
<b>Age</b>		
Mean and standard deviation age at diagnosis (years)	62.8 (12.9)	
Median and range age at diagnosis	64 (0.88)	
% of the patient is lower than 15 year of age at diagnosis	1.2%	
<b>Gender</b>		
Male	236 (69.2%)	
Female	105 (30.8%)	
Sex ratio (male: female)	2.25:1	

**Table 5.8** Most valid method of diagnosis for liver and bile duct cancer.

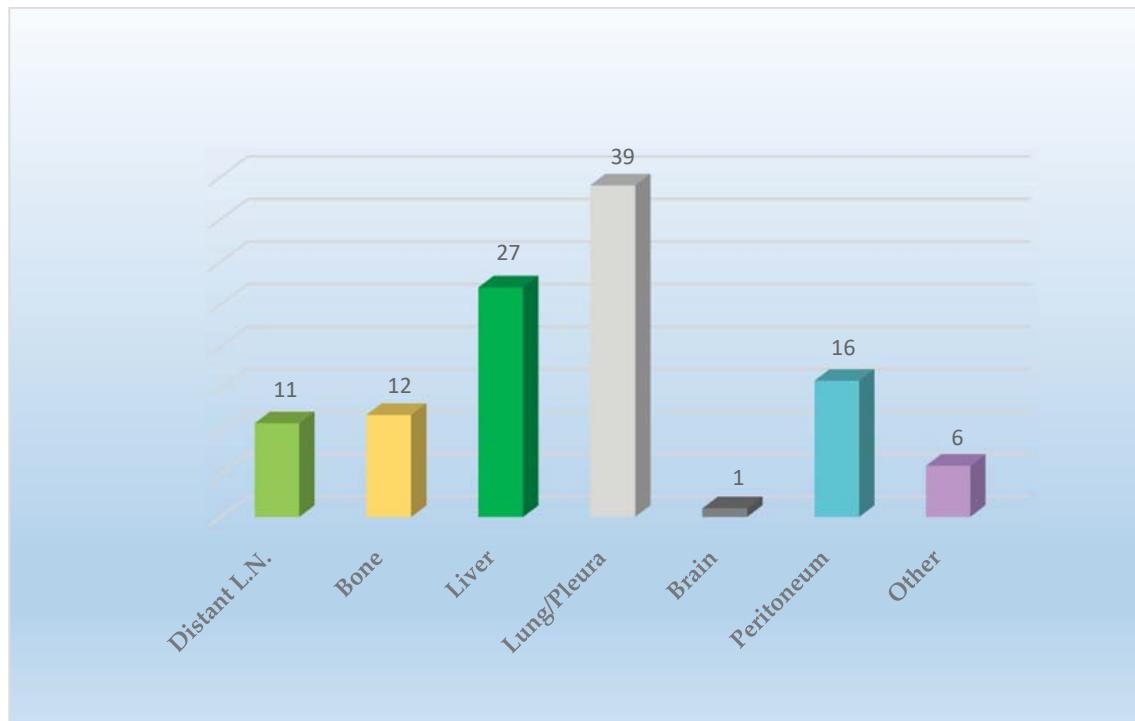
Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical investigation/imaging	21	8.9	13	12.4	34	10.0
Histology of metastasis	0	0.0	1	1.0	1	0.3
Histology of primary	215	91.1	91	86.6	306	89.7
<b>Total</b>	<b>236</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>341</b>	<b>100.0</b>



**Figure 5.10** Age at diagnosis of Liver and bile duct cancer, 2018 by sex



**Figure 5.11** Distribution of staging for Liver and bile duct cancer. (%)



**Figure 5.12** Distribution of metastasis for Liver and bile duct cancer.

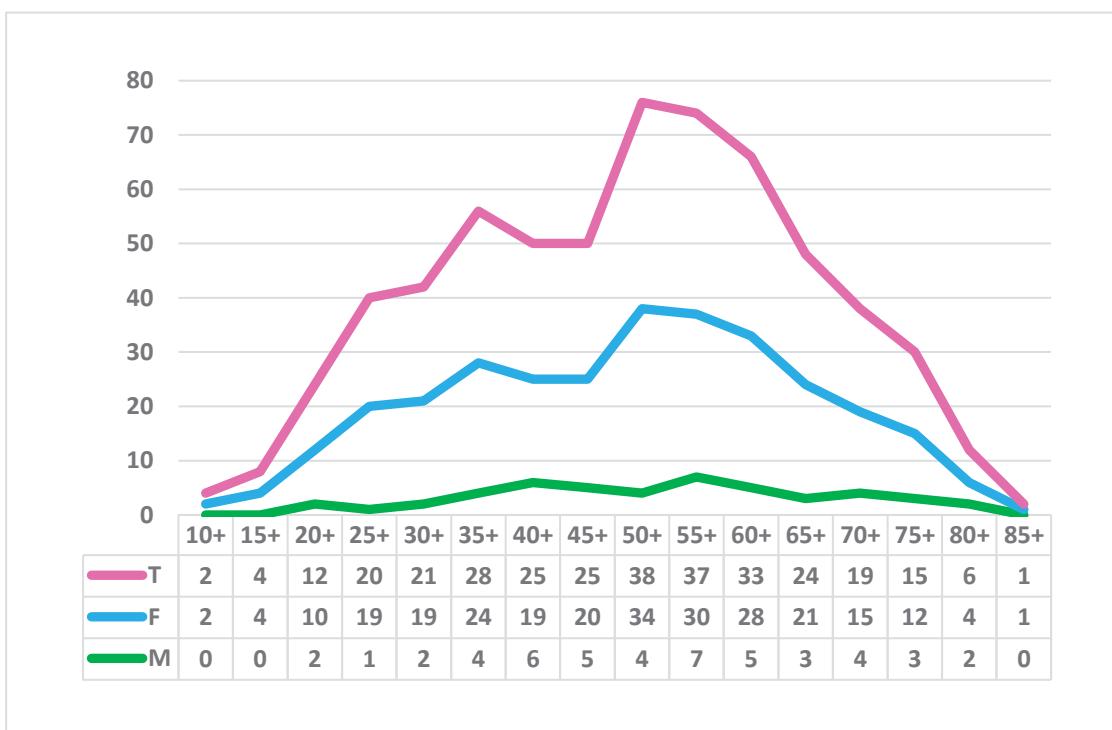
## THYROID GLAND

**Table 5.9** Age and gender of thyroid gland cancer.

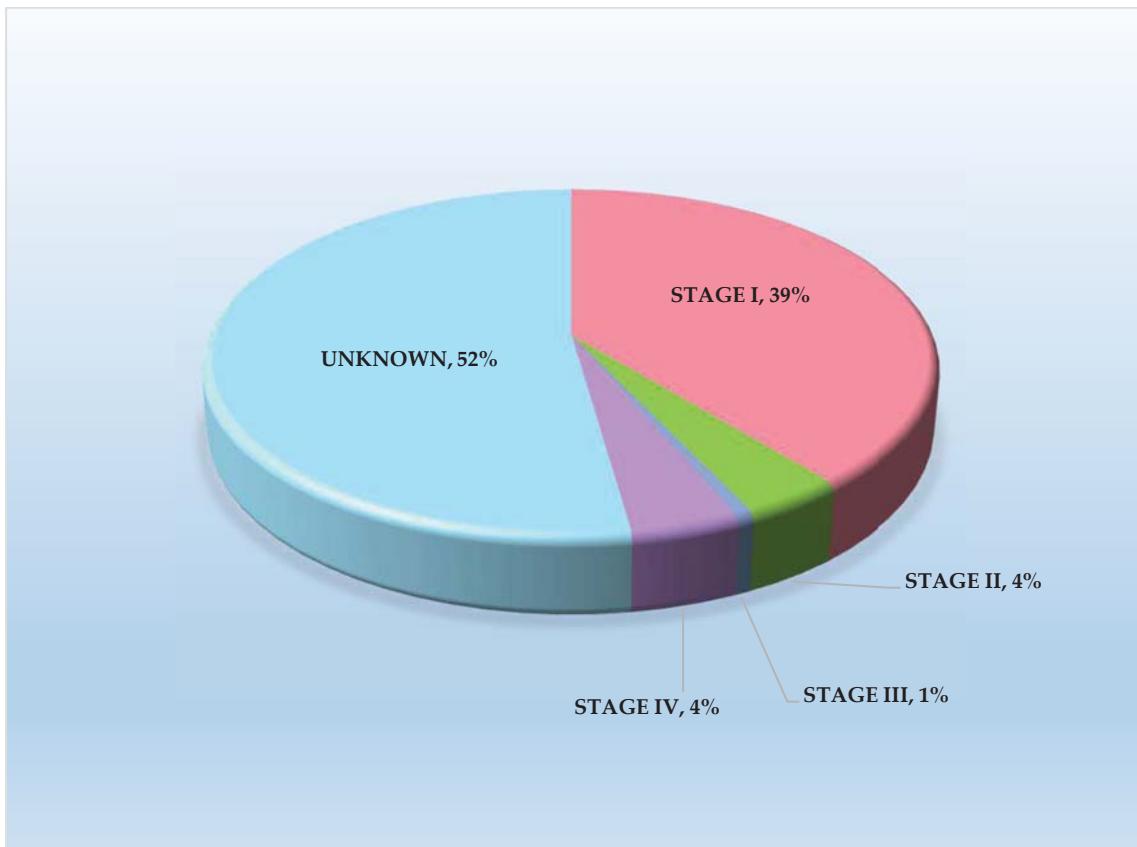
Special Notes		
<b>Age</b>		
Mean and standard deviation age at diagnosis (years)		50.5 (16.2)
Median and range age at diagnosis		52 (11-93)
% of the patient is lower than 15 year of age at diagnosis		1.7%
<b>Gender</b>		
Male		48 (15.5%)
Female		262 (84.5%)
Sex ratio (male:female)		0.18:1

**Table 5.10** Most valid method of diagnosis for thyroid gland cancer.

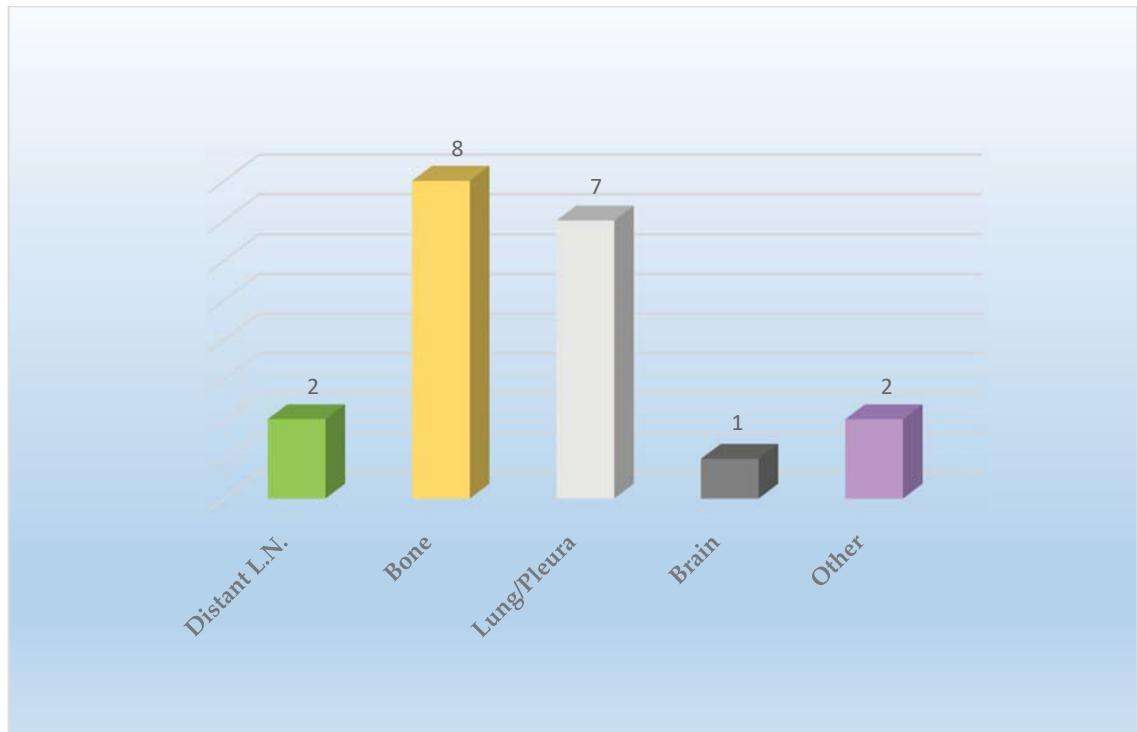
Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	48	100.0	262	100.0	310	100.0
<b>Total</b>	<b>48</b>	<b>100.0</b>	<b>262</b>	<b>100.0</b>	<b>310</b>	<b>100.0</b>



**Figure 5.13** Age at diagnosis of thyroid gland cancer, 2018, by sex.



**Figure 5.14** Distribution of staging for thyroid gland cancer. (%)



**Figure 5.15** Distribution of metastasis for thyroid gland cancer.

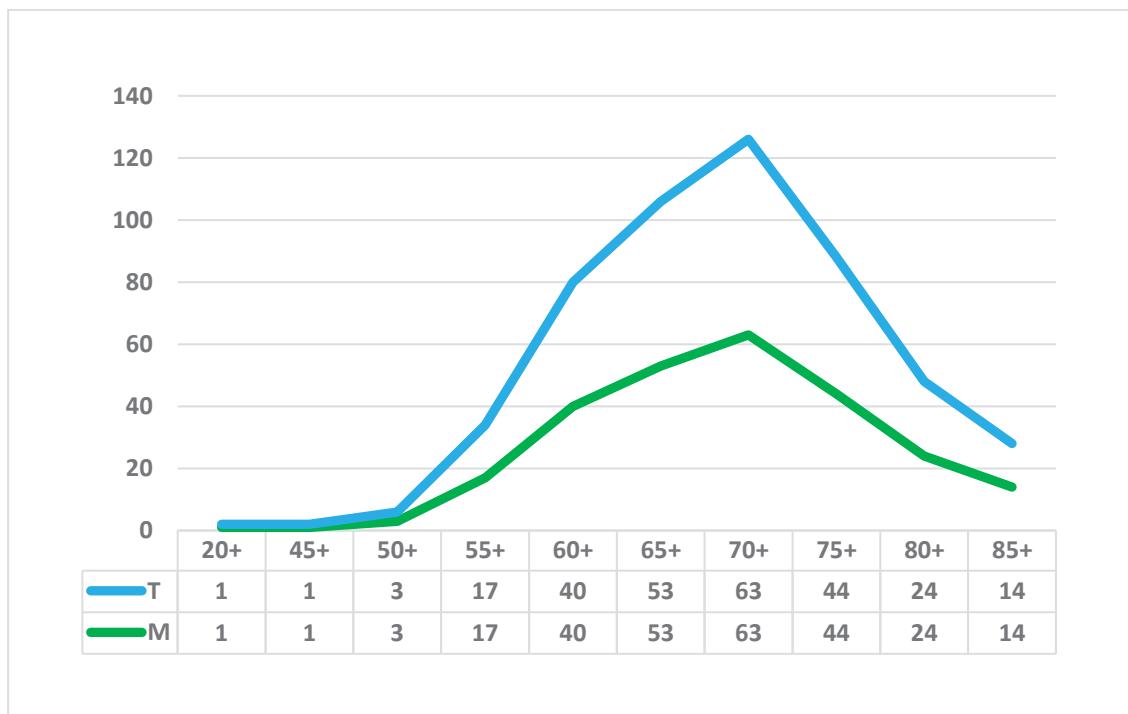
## PROSTATE GLAND

**Table 5.11** Age and gender of prostate gland cancer.

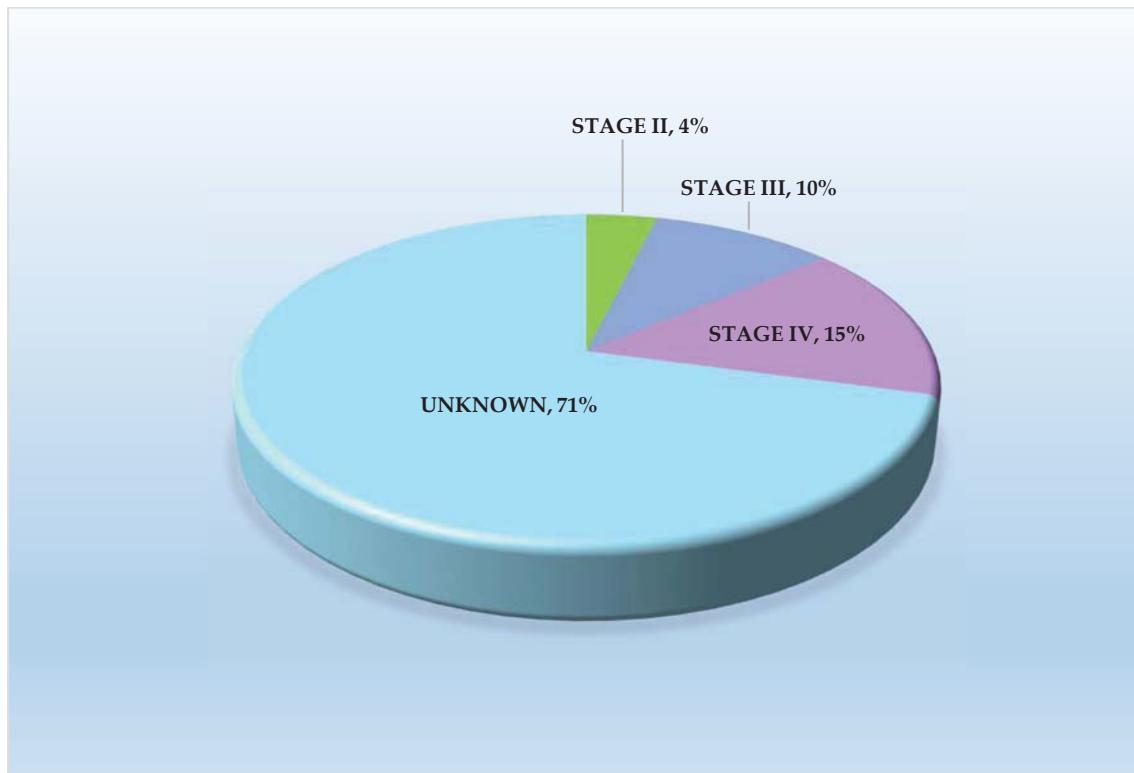
<b>Special Notes</b>	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	69.9 (8.6)
Median and range age at diagnosis	70 (24:89)
% of the patient is lower than 15 year of age at diagnosis	0.0 %
<b>Gender</b>	
Male	260 (100.0%)
Female	0 (0.0%)
Sex ratio (male:female)	1:0

**Table 5.12** Most valid method of diagnosis for prostate gland cancer.

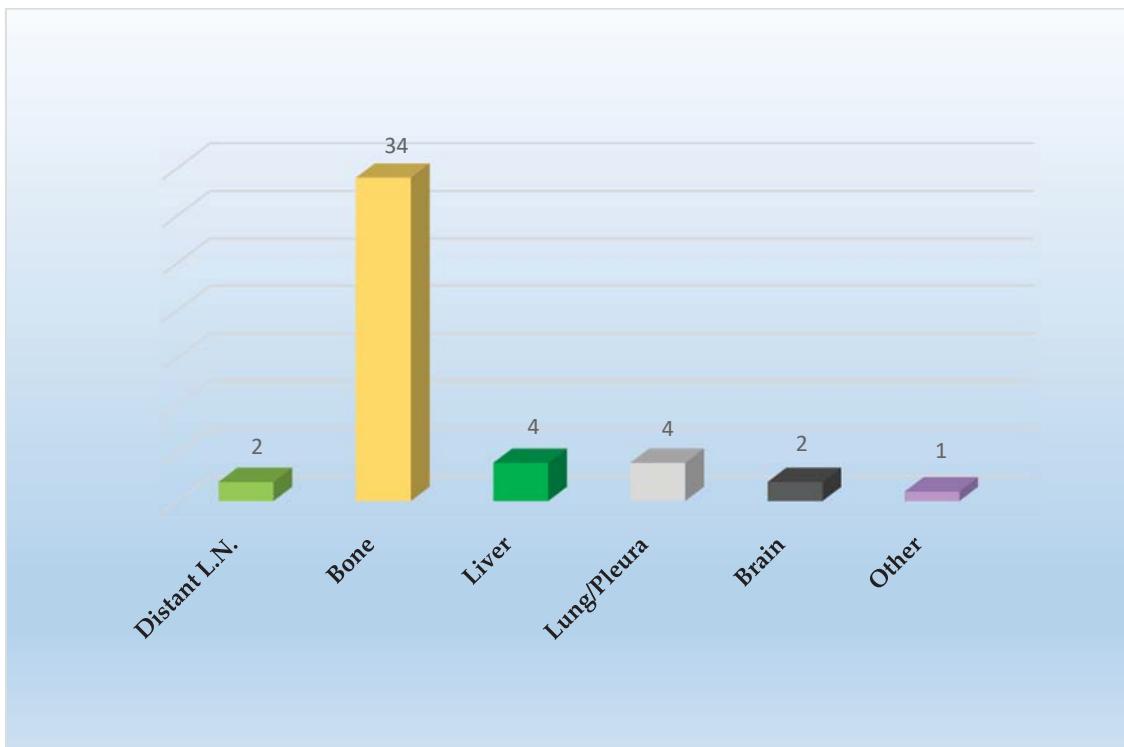
<b>Basis of diagnosis</b>	<b>Male</b>		<b>Female</b>		<b>Total</b>	
	N	%	N	%	N	%
Histology of primary	260	100.0	0	100.0	260	100.0
<b>Total</b>	<b>260</b>	<b>100.0</b>	<b>0</b>	<b>100.0</b>	<b>260</b>	<b>100.0</b>



**Figure 5.16** Age at diagnosis of prostate gland cancer, 2018 by sex



**Figure 5.17** Distribution of staging for prostate gland cancer. (%)

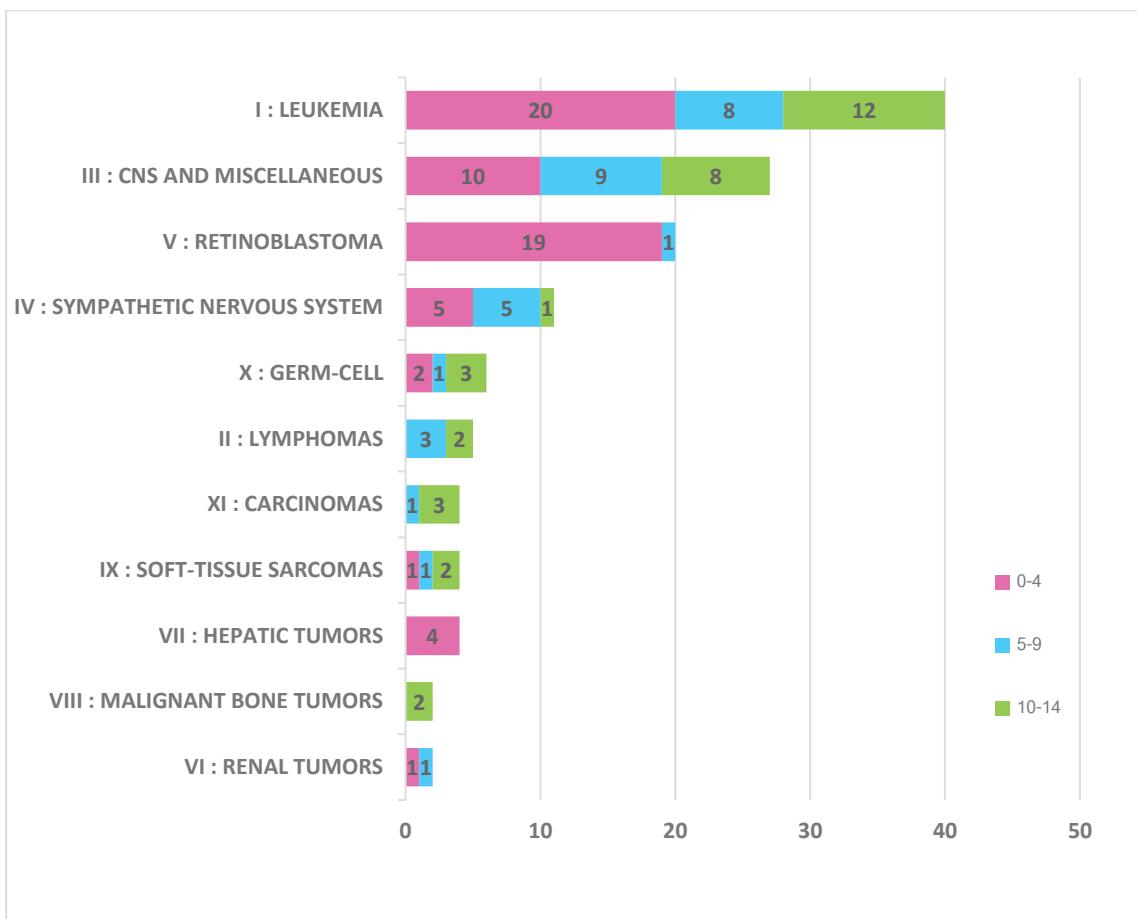


**Figure 5.18** Distribution of metastasis for prostate gland cancer.

## CHILDHOOD CANCER

**Table 5.13** Type of diagnosis for Childhood Cancer

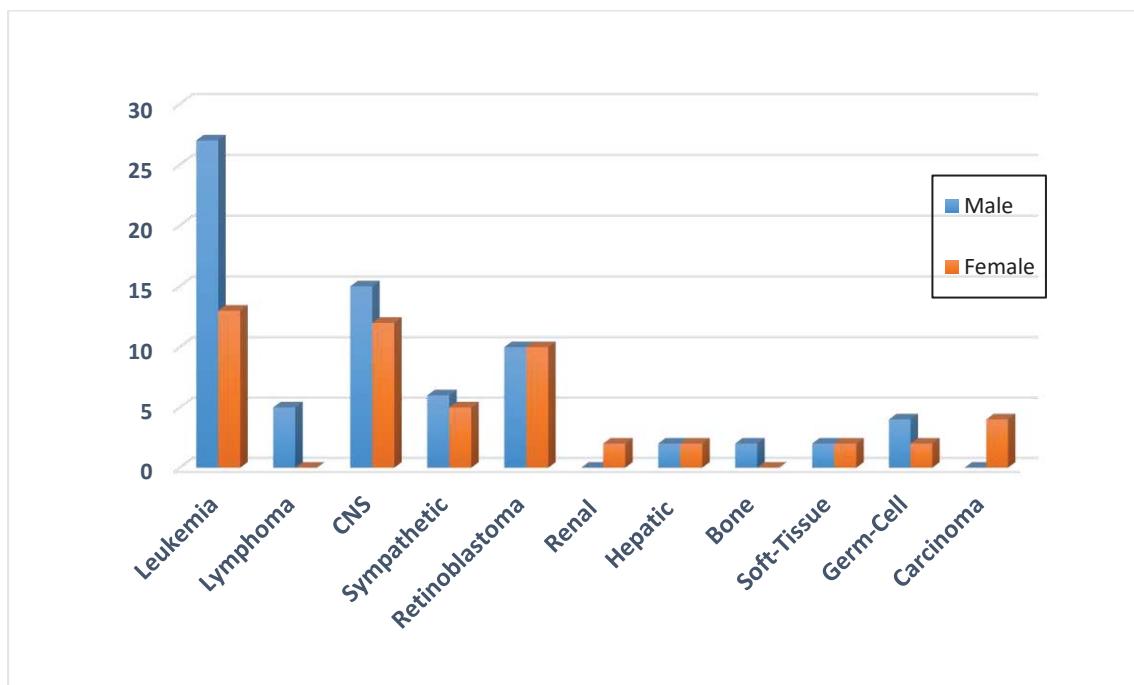
<b>Special Notes</b>	
<b>Age</b>	
Mean and standard deviation age at diagnosis (years)	5.6 (4.6)
Median and range age at diagnosis	5 (0:14)
% of the patient is lower than 15 year of age at diagnosis	100.0%
<b>Gender</b>	
Male	73 (58.4%)
Female	52 (41.6%)
Sex ratio (male: female)	1.40:1



**Figure 5.19** Number of childhood cancer by ICCC group, age<15, both sexes

**Table 5.14** Number of Cancers in Childhood by ICCC group, age <15 both sexes

ICCC GROUP	Both sexes	Male				Female				M.F	%MV
		<=4	5-9	10-4	All	< = 4	5-9	10-14	All		
I Leukemia	40	13	5	9	27	7	3	3	13	2.1	100.0
II Lymphomas and Reticuloendothelia	5	0	3	2	5	0	0	0	0	0.0	100.0
1 Neoplasms											
III CNS	27	6	4	5	15	4	5	3	12	1.3	88.9
IV Sympathetic Nervous System Tumors	11	2	3	1	6	3	2	0	5	1.2	100.0
V Retinoblastoma	20	9	1	0	10	10	0	0	10	1.0	85.0
VI Renal Tumors	2	0	0	0	0	1	1	0	2	0.0	100.0
VII Hepatic Tumors	4	2	0	0	2	2	0	0	2	1.0	75.0
VIII Malignant Bone Tumors	2	0	0	2	2	0	0	0	0	0.0	50.0
IX Soft-Tissue Sarcomas	4	0	1	1	2	1	0	1	2	10.	100.0
X Germ-Cell,	6	1	1	2	4	1	0	1	2	2.0	100.0
XI Carcinomas	4	0	0	0	0	0	1	3	4	0.0	100.0
<b>Total</b>	<b>125</b>	<b>33</b>	<b>18</b>	<b>22</b>	<b>73</b>	<b>29</b>	<b>12</b>	<b>11</b>	<b>52</b>	<b>1.4</b>	<b>93.6</b>

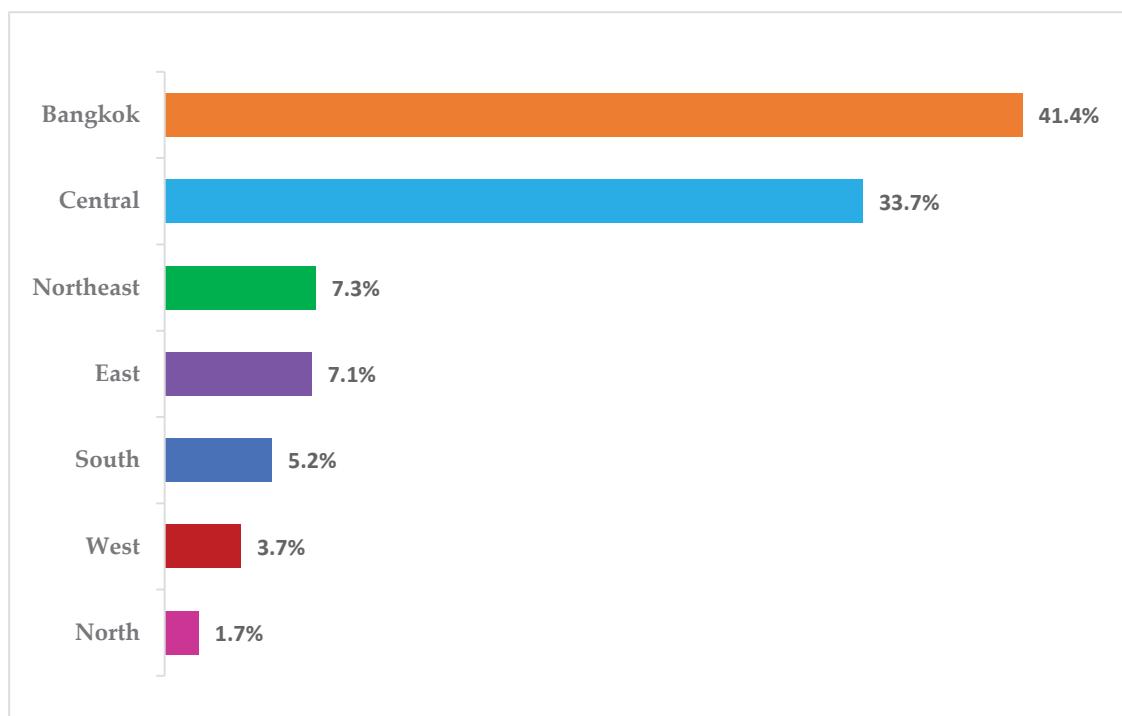
**Figure 5.20** Number of Cases of all Childhood Cancers by ICCC and Age Group, both Sexes.

## CHAPTER VI

### DISTRIBUTION BY REGIONAL OF THAILAND

**Table 6.1** Number of cancer cases by region, 2018

Region	Number	%
North	78	1.7
North-east	344	7.3
Central	1,591	33.7
East	335	7.1
West	174	3.7
South	245	5.2
Bangkok	1,955	41.4
<b>Total</b>	<b>4,722</b>	<b>100.0</b>



**Figure 6.1** Distribution of region, 2018. (%)

**Table 6.2** Number of cancer cases by topography and region, 2018

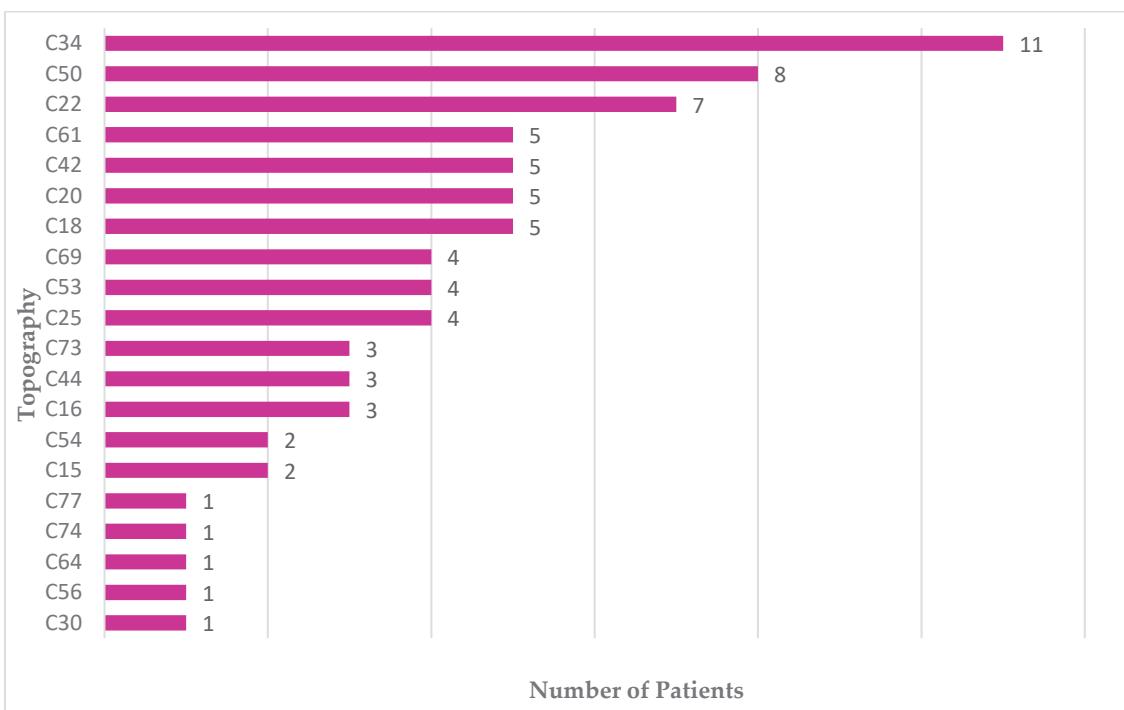
Topography	North	Northeast	Central	East	West	South	Bangkok	Total
C00-Lip	0	0	2	1	0	0	1	4
C01-Base of Tongue	1	1	7	1	2	2	5	19
C02-Other and unspecified part of Tongue	1	2	12	2	1	1	7	26
C03-Gum	0	1	3	1	1	0	6	12
C04-Floor Of Mouth	0	0	2	0	0	1	0	3
C05-Palate	0	0	2	2	0	1	2	7
C06-Other and unspecified part of Mouth	0	3	3	0	0	1	4	11
C07-Parotid gland	0	1	3	0	0	0	1	5
C08-Other and unspecified major salivary glands	0	0	1	0	0	0	2	3
C09-Tonsil	0	4	6	0	1	3	10	24
C10-Oropharynx	0	0	1	0	1	0	0	2
C11-Nasopharynx	0	3	21	5	2	0	28	59
C12-Pyriform sinus	0	1	6	2	0	1	6	16
C13-Hypopharynx	0	0	2	0	0	0	0	2
C15-Esophagus	2	4	21	5	5	2	19	58
C16-Stomach	3	4	30	3	2	5	36	83
C17-Small Intestine	0	0	1	0	0	3	3	7
C18-Colon	5	18	113	16	16	20	173	361
C19-Rectosigmoid junction	0	0	5	1	0	3	5	14
C20-Rectum	5	23	77	12	8	16	80	221
C21-Anus and Anal canal	0	0	1	0	1	2	8	12
C22-Liver And Intrahepatic bile ducts	7	29	120	24	12	12	137	341
C23-Gallbladder	0	1	2	0	1	1	3	8
C24-Other and unspecified parts of biliary tract	0	6	10	4	0	2	11	33
C25-Pancreas	4	4	24	9	0	4	37	82
C30-Nasal Cavity	1	2	8	2	2	0	2	17
C31-Accessory sinuses	0	1	2	2	0	0	1	6
C32-Larynx	0	2	10	4	1	6	10	33
C33-Trachea	0	0	1	0	0	0	0	1
C34-Bronchus and Lung	11	26	154	30	17	24	220	482
C37-Thymus	0	2	4	0	0	0	3	9
C38-Heart, Mediastinum	0	3	7	2	1	2	11	26
C40-Bones,Joints and articular cartilage of limbs	0	1	2	1	0	0	0	4
C41-Bones,Joints and articular cartilage of other and unspecified sites	0	2	5	2	0	0	0	9
C42-Hematopoietic and Reticuloendothelial systems	5	21	62	12	6	8	64	178
C44-Skin	3	8	77	8	5	4	85	190
C47-Peripheral nerves	0	1	0	0	0	0	0	1



Topography	North	Northeast	Central	East	West	South	Bangkok	Total
C48-Retroperitoneum and Peritoneum	0	2	5	1	0	0	5	13
C49-Connective,Subcutaneous and Other soft tissues	0	4	11	2	0	1	23	41
C50-Breast	8	47	273	59	29	28	341	785
C51-Vulva	0	1	4	0	1	0	2	8
C52-Vagina	0	0	0	0	1	0	3	4
C53-Cervix uteri	4	12	35	11	5	14	49	130
C54-Corpus uteri	2	9	44	9	5	6	67	142
C55-Uterus	0	0	3	0	1	0	5	9
C56-Ovary	1	6	35	9	6	7	37	101
C57-Other and Unspecified female genital organs	0	0	1	0	0	0	0	1
C58-Placenta	0	1	2	0	0	0	2	5
C60-Penis	0	1	2	1	0	0	1	5
C61-Prostate gland	5	15	79	19	10	11	121	260
C62-Testis	0	2	5	1	0	0	4	12
C63-Other and Unspecified male genital organs	0	0	0	0	0	0	2	2
C64-Kidney	1	3	20	11	2	3	41	81
C65-Renal pelvis	0	3	2	0	0	1	5	11
C66-Ureter	0	2	1	2	1	0	1	7
C67-Bladder	0	4	22	11	5	5	45	92
C69-Eye and Adnexa	4	8	15	5	2	1	11	46
C70-Meninges	0	0	2	0	0	0	2	4
C71-Brain	0	11	32	11	3	7	34	98
C72-Spinal cord	0	1	6	0	0	1	0	8
C73-Thyroid gland	3	22	125	21	8	24	107	310
C74-Adrenal gland	1	1	2	3	2	0	0	9
C75-Other endocrine glands	0	1	2	0	0	0	1	4
C76-Other and ill-defined sites	0	1	1	0	0	0	1	3
C77-Lymph nodes	1	11	52	6	6	11	63	150
C80-Unknown primary site	0	2	3	2	2	1	2	12
<b>Total</b>	<b>78</b>	<b>344</b>	<b>1,591</b>	<b>335</b>	<b>174</b>	<b>245</b>	<b>1,955</b>	<b>4722</b>

**Table 6.3** Distribution of topography in North, 2018

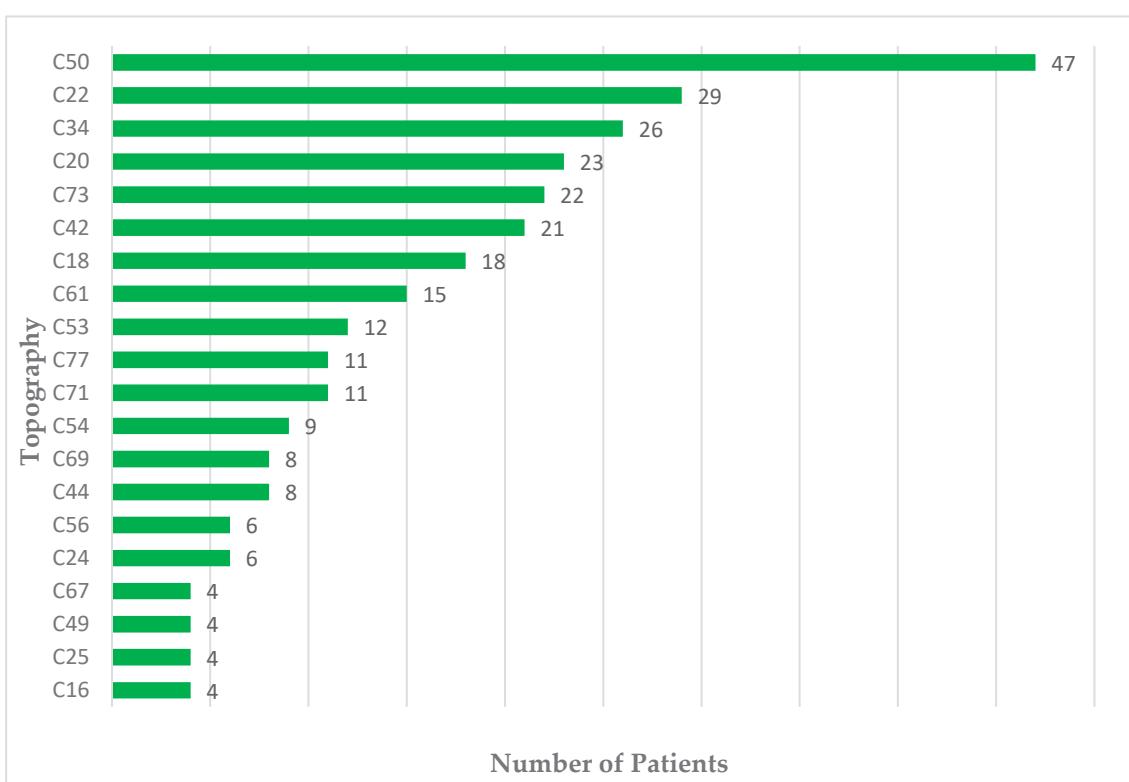
Topography	Number	%
C01-Base of Tongue	1	1.3
C02-Other and unspecified part of Tongue	1	1.3
C15-Esophagus	2	2.6
C16-Stomach	3	3.8
C18-Colon	5	6.4
C20-Rectum	5	6.4
C22-Liver And Intrahepatic bile ducts	7	9.0
C25-Pancreas	4	5.1
C30-Nasal Cavity	1	1.3
C34-Bronchus and Lung	11	14.1
C42-Hematopoietic and Reticuloendothelial systems	5	6.4
C44-Skin	3	3.8
C50-Breast	8	10.3
C53-Cervix uteri	4	5.1
C54-Corpus uteri	2	2.6
C56-Ovary	1	1.3
C61-Prostate gland	5	6.4
C64-Kidney	1	1.3
C69-Eye and Adnexa	4	5.1
C73-Thyroid gland	3	3.8
C74-Adrenal gland	1	1.3
C77-Lymph nodes	1	1.3
<b>Total</b>	<b>78</b>	<b>100.0</b>

**Figure 6.2** Distribution of topography in North, 2018

**Table 6.4** Distribution of topography in North-East, 2018

Topography	Number	%
C01-Base of Tongue	1	0.3
C02-Other and unspecified part of Tongue	2	0.6
C03-Gum	1	0.3
C06-Other and unspecified part of Mouth	3	0.9
C07-Parotid gland	1	0.3
C09-Tonsil	4	1.2
C11-Nasopharynx	3	0.9
C12-Pyriform sinus	1	0.3
C15-Esophagus	4	1.2
C16-Stomach	4	1.2
C18-Colon	18	5.2
C20-Rectum	23	6.7
C22-Liver And Intrahepatic bile ducts	29	8.4
C23-Gallbladder	1	0.3
C24-Other and unspecified parts of biliary tract	6	1.7
C25-Pancreas	4	1.2
C30-Nasal Cavity	2	0.6
C31-Accessory sinuses	1	0.3
C32-Larynx	2	0.6
C34-Bronchus and Lung	26	7.6
C37-Thymus	2	0.6
C38-Heart, Mediastinum	3	0.9
C40-Bones,Joints and articular cartilage of limbs	1	0.3
C41-Bones,Joints and articular cartilage of other and unspecified sites	2	0.6
C42-Hematopoietic and Reticuloendothelial systems	21	6.1
C44-Skin	8	2.3
C47-Peripheral nerves and Autonomic nervous system	1	0.3
C48-Retroperitoneum and Peritoneum	2	0.6
C49-Connective,Subcutaneous and Other soft tissues	4	1.2
C50-Breast	47	13.7
C51-Vulva	1	0.3
C53-Cervix uteri	12	3.5
C54-Corpus uteri	9	2.6
C56-Ovary	6	1.7
C58-Placenta	1	0.3
C60-Penis	1	0.3
C61-Prostate gland	15	4.4
C62-Testis	2	0.6

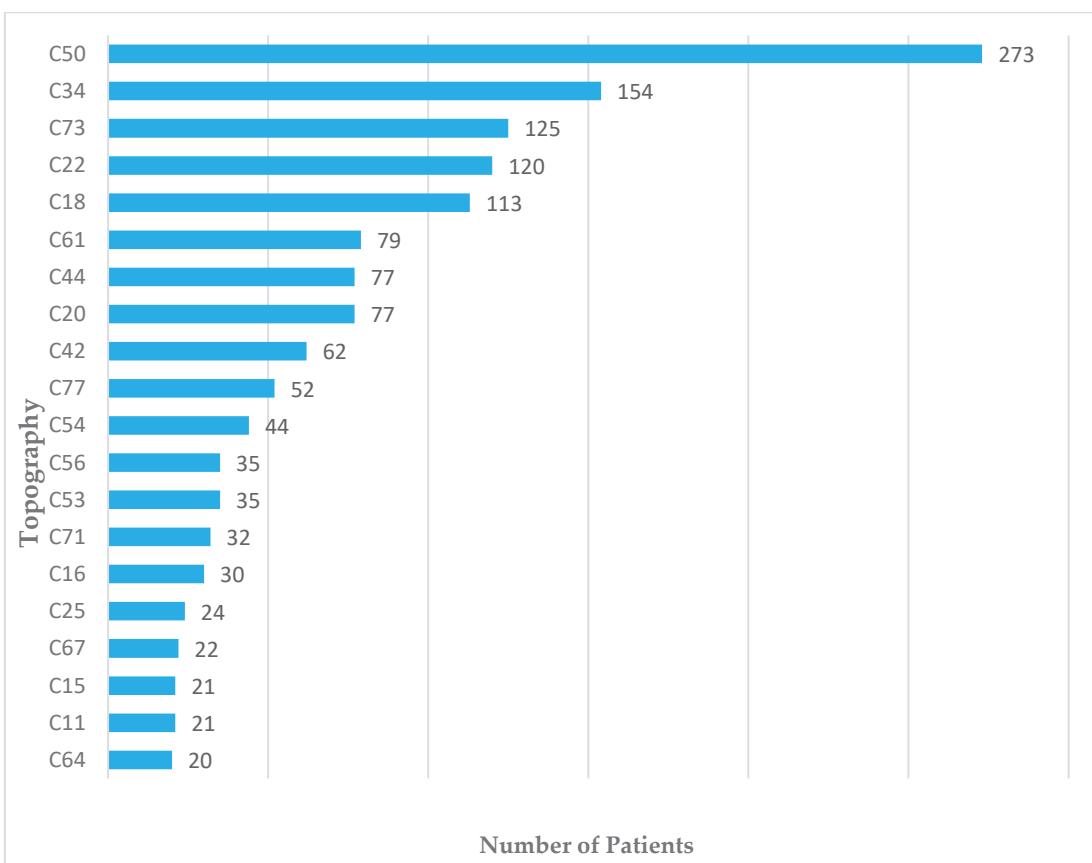
Topography	Number	%
C64-Kidney	3	0.9
C65-Renal pelvis	3	0.9
C66-Ureter	2	0.6
C67-Bladder	4	1.2
C69-Eye and Adnexa	8	2.3
C71-Brain	11	3.2
C72-Spinal cord	1	0.3
C73-Thyroid gland	22	6.4
C74-Adrenal gland	1	0.3
C75-Other endocrine glands	1	0.3
C76-Other and ill-defined sites	1	0.3
C77-Lymph nodes	11	3.2
C80-Unknown primary site	2	0.6
<b>Total</b>	<b>344</b>	<b>100.0</b>

**Figure 6.3** Distribution of topography in North-East, 2018

**Table 6.5** Distribution of topography in Central, 2018

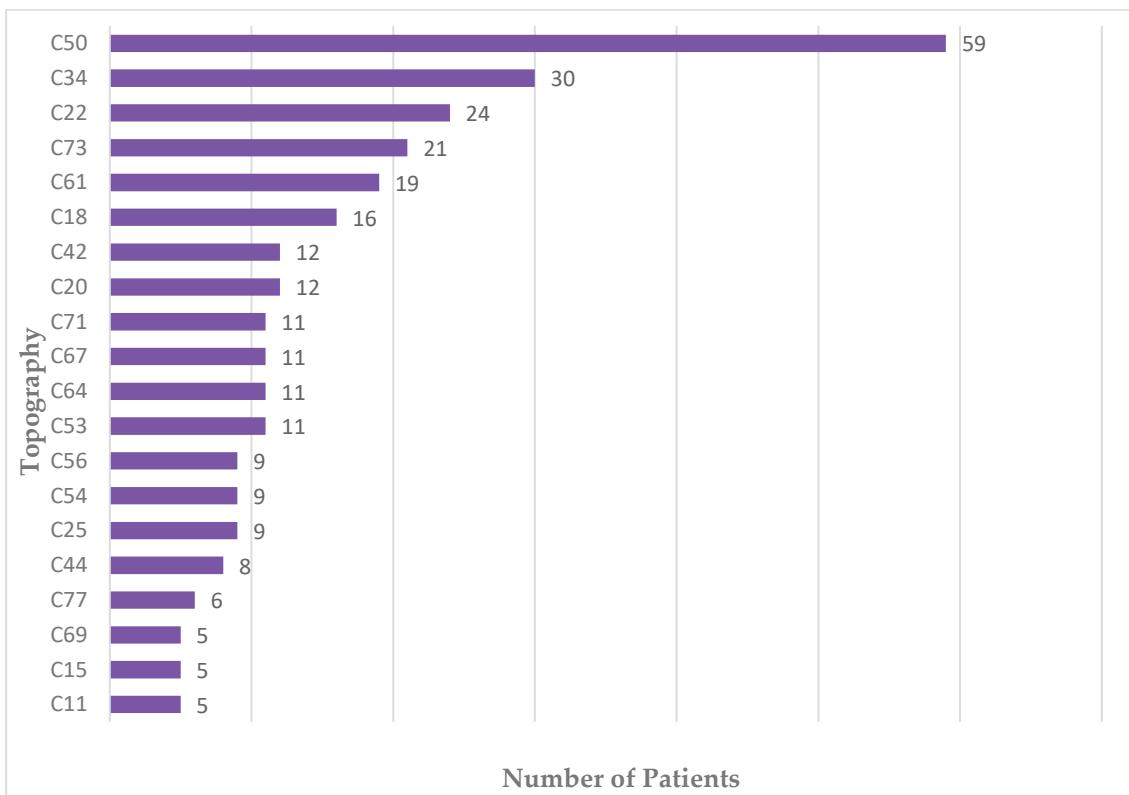
Topography	Number	%
C00-Lip	2	0.1
C01-Base of Tongue	7	0.4
C02-Other and unspecified part of Tongue	12	0.8
C03-Gum	3	0.2
C04-Floor Of Mouth	2	0.1
C05-Palate	2	0.1
C06-Other and unspecified part of Mouth	3	0.2
C07-Parotid gland	3	0.2
C08-Other and unspecified major salivary glands	1	0.1
C09-Tonsil	6	0.4
C10-Oropharynx	1	0.1
C11-Nasopharynx	21	1.3
C12-Pyriform sinus	6	0.4
C13-Hypopharynx	2	0.1
C15-Esophagus	21	1.3
C16-Stomach	30	1.9
C17-Small Intestine	1	0.1
C18-Colon	113	7.1
C19-Rectosigmoid junction	5	0.3
C20-Rectum	77	4.8
C21-Anus and Anal canal	1	0.1
C22-Liver And Intrahepatic bile ducts	120	7.5
C23-Gallbladder	2	0.1
C24-Other and unspecified parts of biliary tract	10	0.6
C25-Pancreas	24	1.5
C30-Nasal Cavity	8	0.5
C31-Accessory sinuses	2	0.1
C32-Larynx	10	0.6
C33-Trachea	1	0.1
C34-Bronchus and Lung	154	9.7
C37-Thymus	4	0.3
C38-Heart, Mediastinum	7	0.4
C40-Bones,Joints and articular cartilage of limbs	2	0.1
C41-Bones,Joints and articular cartilage of other and unspecified sites	5	0.3
C42-Hematopoietic and Reticuloendothelial systems	62	3.9
C44-Skin	77	4.8
C48-Retroperitoneum and Peritoneum	5	0.3
C49-Connective,Subcutaneous and Other soft tissues	11	0.7
C50-Breast	273	17.2
C51-Vulva	4	0.3
C53-Cervix uteri	35	2.2
C54-Corpus uteri	44	2.8
C55-Uterus	3	0.2
C56-Ovary	35	2.2
C57-Other and Unspecified female genital organs	1	0.1

Topography	Number	%
C58-Placenta	2	0.1
C60-Penis	2	0.1
C61-Prostate gland	79	5.0
C62-Testis	5	0.3
C64-Kidney	20	1.3
C65-Renal pelvis	2	0.1
C66-Ureter	1	0.1
C67-Bladder	22	1.4
C69-Eye and Adnexa	15	0.9
C70-Meninges	2	0.1
C71-Brain	32	2.0
C72-Spinal cord	6	0.4
C73-Thyroid gland	125	7.9
C74-Adrenal gland	2	0.1
C75-Other endocrine glands	2	0.1
C76-Other and ill-defined sites	1	0.1
C77-Lymph nodes	52	3.3
C80-Unknown primary site	3	0.2
<b>Total</b>	<b>1,591</b>	<b>100.0</b>

**Figure 6.4** Distribution of topography in Central, 2018

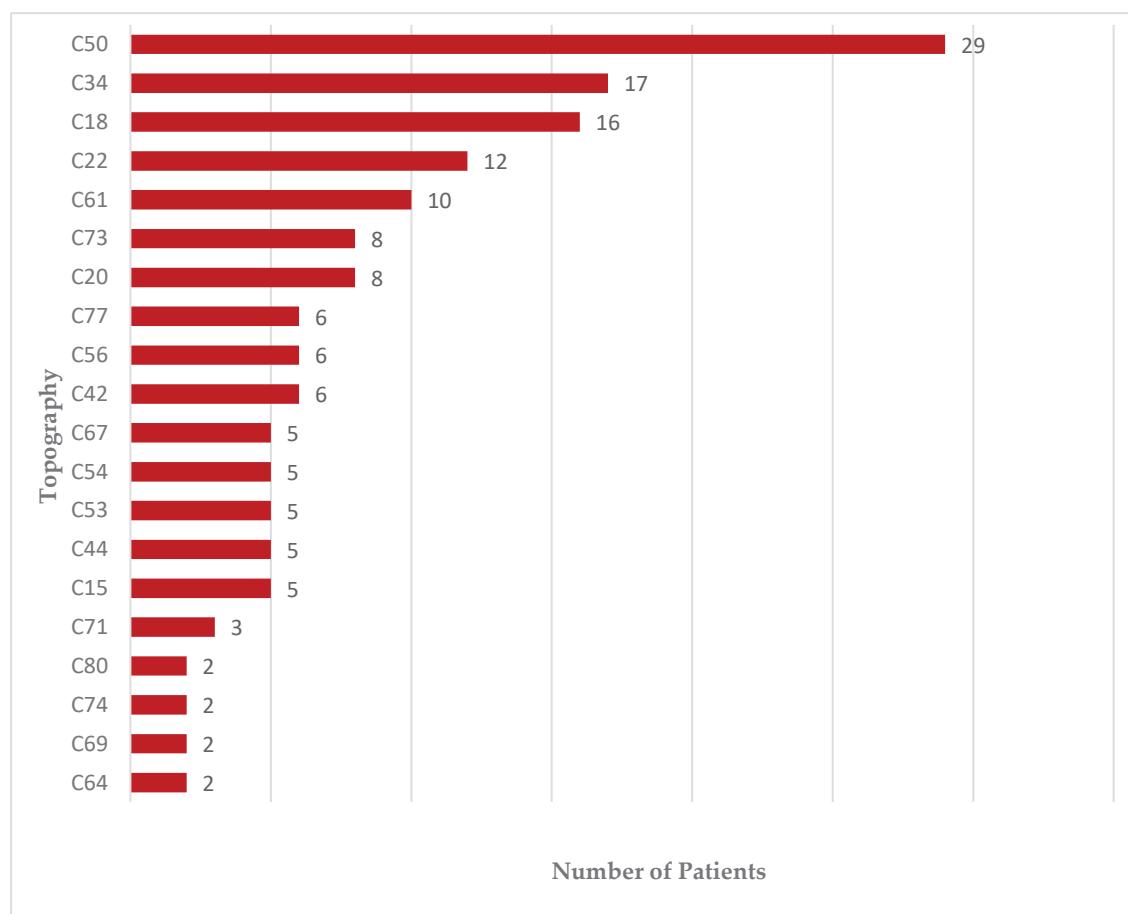
**Table 6.6** Distribution of topography in East, 2018

Topography	Number	%
C00-Lip	1	0.3
C01-Base of Tongue	1	0.3
C02-Other and unspecified part of Tongue	2	0.6
C03-Gum	1	0.3
C05-Palate	2	0.6
C11-Nasopharynx	5	1.5
C12-Pyriform sinus	2	0.6
C15-Esophagus	5	1.5
C16-Stomach	3	0.9
C18-Colon	16	4.8
C19-Rectosigmoid junction	1	0.3
C20-Rectum	12	3.6
C22-Liver And Intrahepatic bile ducts	24	7.2
C24-Other and unspecified parts of biliary tract	4	1.2
C25-Pancreas	9	2.7
C30-Nasal Cavity	2	0.6
C31-Accessory sinuses	2	0.6
C32-Larynx	4	1.2
C34-Bronchus and Lung	30	9.0
C38-Heart, Mediastinum	2	0.6
C40-Bones,Joints and articular cartilage of limbs	1	0.3
C41-Bones,Joints and articular cartilage of other and unspecified sites	2	0.6
C42-Hematopoietic and Reticuloendothelial systems	12	3.6
C44-Skin	8	2.4
C48-Retroperitoneum and Peritoneum	1	0.3
C49-Connective,Subcutaneous and Other soft tissues	2	0.6
C50-Breast	59	17.6
C53-Cervix uteri	11	3.3
C54-Corpus uteri	9	2.7
C56-Ovary	9	2.7
C60-Penis	1	0.3
C61-Prostate gland	19	5.7
C62-Testis	1	0.3
C64-Kidney	11	3.3
C66-Ureter	2	0.6
C67-Bladder	11	3.3
C69-Eye and Adnexa	5	1.5
C71-Brain	11	3.3
C73-Thyroid gland	21	6.3
C74-Adrenal gland	3	0.9
C77-Lymph nodes	6	1.8
C80-Unknown primary site	2	0.6
<b>Total</b>	<b>335</b>	<b>100.0</b>

**Figure 6.5** Distribution of topography in East, 2018**Table 6.7** Distribution of topography in West, 2018

Topography	Number	%
C01-Base of Tongue	2	1.1
C02-Other and unspecified part of Tongue	1	0.6
C03-Gum	1	0.6
C09-Tonsil	1	0.6
C10-Oropharynx	1	0.6
C11-Nasopharynx	2	1.1
C15-Esophagus	5	2.9
C16-Stomach	2	1.1
C18-Colon	16	9.2
C20-Rectum	8	4.6
C21-Anus and Anal canal	1	0.6
C22-Liver And Intrahepatic bile ducts	12	6.9
C23-Gallbladder	1	0.6
C30-Nasal Cavity	2	1.1
C32-Larynx	1	0.6
C34-Bronchus and Lung	17	9.8
C38-Heart, Mediastinum	1	0.6
C42-Hematopoietic and Reticuloendothelial systems	6	3.4
C44-Skin	5	2.9
C50-Breast	29	16.7
C51-Vulva	1	0.6
C52-Vagina	1	0.6

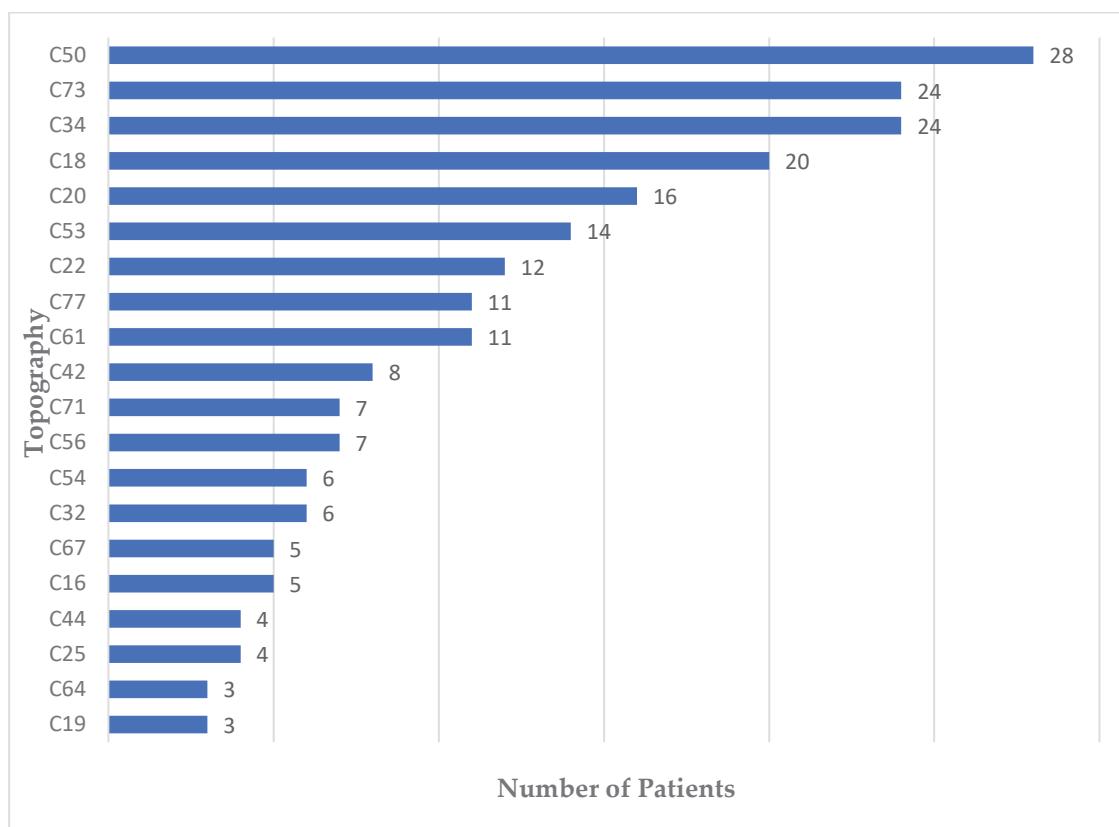
Topography	Number	%
C53-Cervix uteri	5	2.9
C54-Corpus uteri	5	2.9
C55-Uterus	1	0.6
C56-Ovary	6	3.4
C61-Prostate gland	10	5.7
C64-Kidney	2	1.1
C66-Ureter	1	0.6
C67-Bladder	5	2.9
C69-Eye and Adnexa	2	1.1
C71-Brain	3	1.7
C73-Thyroid gland	8	4.6
C74-Adrenal gland	2	1.1
C77-Lymph nodes	6	3.4
C80-Unknown primary site	2	1.1
<b>Total</b>	<b>174</b>	<b>100.0</b>



**Figure 6.6** Distribution of topography in West, 2018

**Table 6.8** Distribution of topography in South, 2018

Topography	Number	%
C01-Base of Tongue	2	0.8
C02-Other and unspecified part of Tongue	1	0.4
C04-Floor Of Mouth	1	0.4
C05-Palate	1	0.4
C06-Other and unspecified part of Mouth	1	0.4
C09-Tonsil	3	1.2
C12-Pyriform sinus	1	0.4
C15-Esophagus	2	0.8
C16-Stomach	5	2.0
C17-Small Intestine	3	1.2
C18-Colon	20	8.2
C19-Rectosigmoid junction	3	1.2
C20-Rectum	16	6.5
C21-Anus and Anal canal	2	0.8
C22-Liver And Intrahepatic bile ducts	12	4.9
C23-Gallbladder	1	0.4
C24-Other and unspecified parts of biliary tract	2	0.8
C25-Pancreas	4	1.6
C32-Larynx	6	2.4
C34-Bronchus and Lung	24	9.8
C38-Heart, Mediastinum	2	0.8
C42-Hematopoietic and Reticuloendothelial systems	8	3.3
C44-Skin	4	1.6
C49-Connective,Subcutaneous and Other soft tissues	1	0.4
C50-Breast	28	11.4
C53-Cervix uteri	14	5.7
C54-Corpus uteri	6	2.4
C56-Ovary	7	2.9
C61-Prostate gland	11	4.5
C64-Kidney	3	1.2
C65-Renal pelvis	1	0.4
C67-Bladder	5	2.0
C69-Eye and Adnexa	1	0.4
C71-Brain	7	2.9
C72-Spinal cord	1	0.4
C73-Thyroid gland	24	9.8
C77-Lymph nodes	11	4.5
C80-Unknown primary site	1	0.4
<b>Total</b>	<b>245</b>	<b>100.0</b>



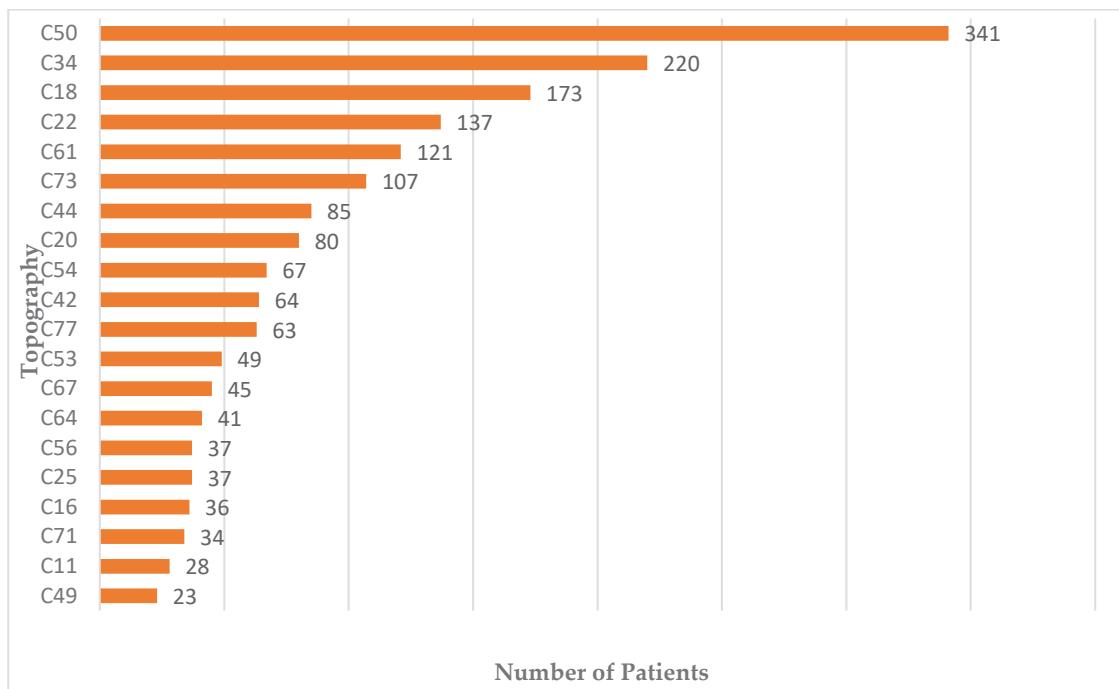
**Figure 6.7** Distribution of topography in South, 2018

**Table 6.9** Distribution of topography in Bangkok, 2018

Topography	Number	%
C00-Lip	1	0.1
C01-Base of Tongue	5	0.3
C02-Other and unspecified part of Tongue	7	0.4
C03-Gum	6	0.3
C05-Palate	2	0.1
C06-Other and unspecified part of Mouth	4	0.2
C07-Parotid gland	1	0.1
C08-Other and unspecified major salivary glands	2	0.1
C09-Tonsil	10	0.5
C11-Nasopharynx	28	1.4
C12-Pyriform sinus	6	0.3
C15-Esophagus	19	1.0
C16-Stomach	36	1.8
C17-Small Intestine	3	0.2
C18-Colon	173	8.8
C19-Rectosigmoid junction	5	0.3
C20-Rectum	80	4.1
C21-Anus and Anal canal	8	0.4
C22-Liver And Intrahepatic bile ducts	137	7.0
C23-Gallbladder	3	0.2



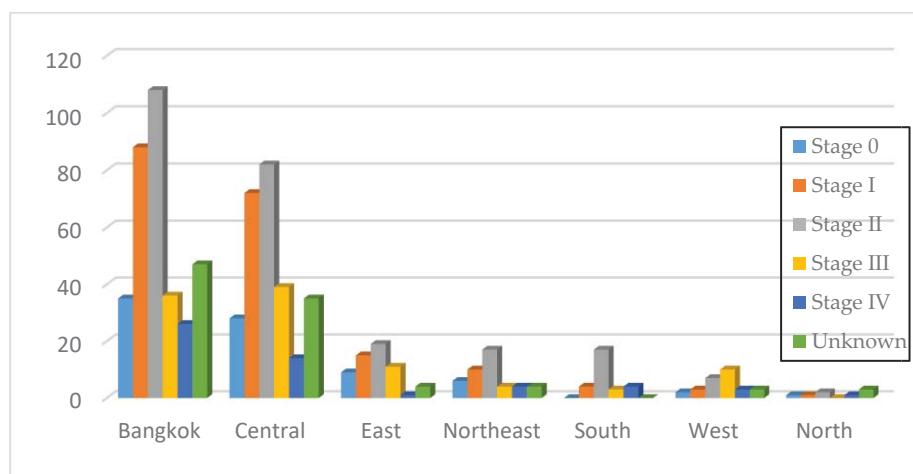
Topography	Number	%
C24-Other and unspecified parts of biliary tract	11	0.6
C25-Pancreas	37	1.9
C30-Nasal Cavity	2	0.1
C31-Accessory sinuses	1	0.1
C32-Larynx	10	0.5
C34-Bronchus and Lung	220	11.3
C37-Thymus	3	0.2
C38-Heart, Mediastinum	11	0.6
C42-Hematopoietic and Reticuloendothelial systems	64	3.3
C44-Skin	85	4.3
C48-Retroperitoneum and Peritoneum	5	0.3
C49-Connective,Subcutaneous and Other soft tissues	23	1.2
C50-Breast	341	17.4
C51-Vulva	2	0.1
C52-Vagina	3	0.2
C53-Cervix uteri	49	2.5
C54-Corpus uteri	67	3.4
C55-Uterus	5	0.3
C56-Ovary	37	1.9
C58-Placenta	2	0.1
C60-Penis	1	0.1
C61-Prostate gland	121	6.2
C62-Testis	4	0.2
C63-Other and Unspecified male genital organs	2	0.1
C64-Kidney	41	2.1
C65-Renal pelvis	5	0.3
C66-Ureter	1	0.1
C67-Bladder	45	2.3
C69-Eye and Adnexa	11	0.6
C70-Meninges	2	0.1
C71-Brain	34	1.7
C73-Thyroid gland	107	5.5
C75-Other endocrine glands	1	0.1
C76-Other and ill-defined sites	1	0.1
C77-Lymph nodes	63	3.2
C80-Unknown primary site	2	0.1
Total	1,955	100.0



**Figure 6.8** Distribution of topography in Bangkok, 2018

**Table 6.10** Distribution of staging for breast cancer of region, 2018

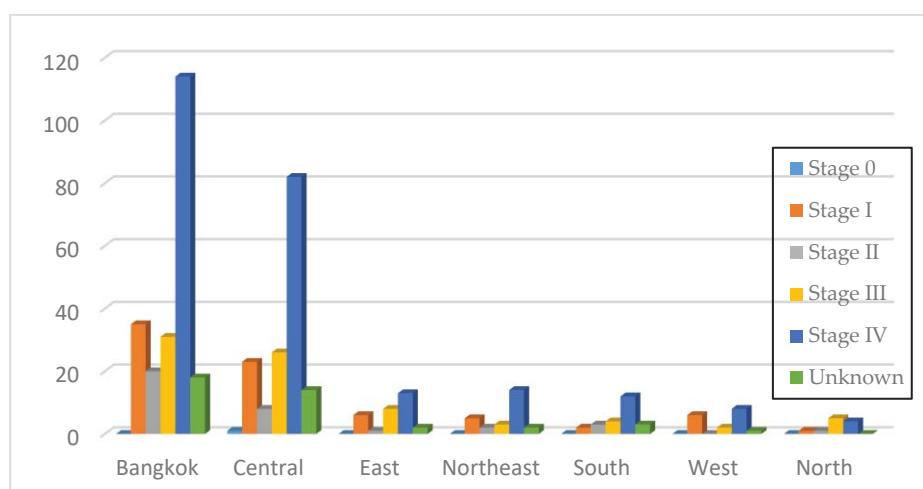
Region	Staging					
	Stage 0	Stage I	Stage II	Stage III	Stage IV	Unknown
Bangkok	35	88	108	36	26	47
Central	28	72	82	39	14	35
East	9	15	19	11	1	4
Northeast	6	10	17	4	4	4
South	0	4	17	3	4	0
West	2	3	7	10	3	3
North	1	1	2	0	1	3
<b>Total</b>	<b>81</b>	<b>193</b>	<b>252</b>	<b>103</b>	<b>53</b>	<b>96</b>



**Figure 6.9** Distribution of staging for breast cancer of region, 2018

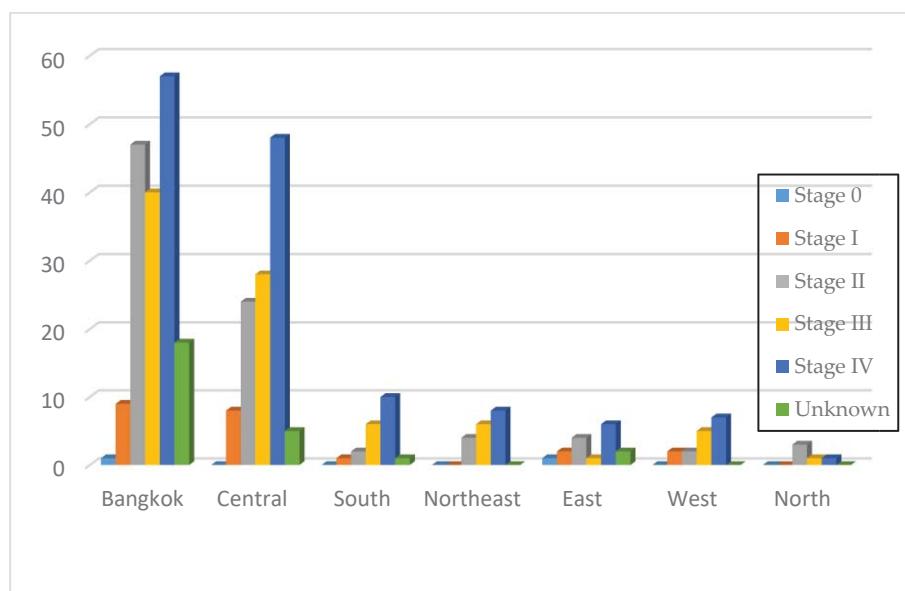
**Table 6.11** Distribution of staging for lung cancer of region, 2018

Region	Staging					
	Stage 0	Stage I	Stage II	Stage III	Stage IV	Unknown
Bangkok	0	35	20	31	114	18
Central	1	23	8	26	82	14
East	0	6	1	8	13	2
Northeast	0	5	2	3	14	2
South	0	2	3	4	12	3
West	0	6	0	2	8	1
North	0	1	1	5	4	0
<b>Total</b>	<b>1</b>	<b>78</b>	<b>35</b>	<b>79</b>	<b>247</b>	<b>40</b>

**Figure 6.10** Distribution of staging for lung cancer of region, 2018

**Table 6.12** Distribution of staging for colon cancer of region, 2018

Region	Staging					
	Stage 0	Stage I	Stage II	Stage III	Stage IV	Unknown
Bangkok	1	9	47	40	57	18
Central	0	8	24	28	48	5
South	0	1	2	6	10	1
Northeast	0	0	4	6	8	0
East	1	2	4	1	6	2
West	0	2	2	5	7	0
North	0	0	3	1	1	0
<b>Total</b>	<b>2</b>	<b>22</b>	<b>86</b>	<b>87</b>	<b>137</b>	<b>26</b>


**Figure 6.11** Distribution of staging for colon cancer of region, 2018



**Title** **Ramathibodi Cancer Report 2018**

**Editorial Board** **Assoc. Prof.Ekaphop Sirachainan**

**Chairman**

**Prof.Sarikapan Wilailak**

**Chairman of Cancer Registry Committee**

**Nintita Sripaiboonkij Thokanit, Dr.PH**

**Cancer Registry Committee**

All Right reserved Ramathibodi Cancer Registry: A subsidiary of Ramathibodi

Comprehensive Cancer Center, Ramathibodi Hospital

270 Rama VI Road, Ratchatewi, Bangkok, Thailand 10400

Tel. & Fax. : +66 22012682, +66 22012682

**Published** **2020**

**Edition** **1<sup>st</sup> edition**

**Physical** **82 Pages**

**ISBN** **978-616-443-508-7**



**Published by Ramathibodi Cancer Registry:  
A subsidiary of Ramathibodi Comprehensive Cancer Center**

Faculty of Medicine Ramathibodi Hospital, Mahidol University

Tel : 0-2201-2682, 0-2201-0049 Fax : 0-2201-2682

[https://www.rama.mahidol.ac.th/cancer\\_center](https://www.rama.mahidol.ac.th/cancer_center)