



Ramathibodi Cancer Registry

CANCER
REPORT

2017

Total 3,869 Cases, Male 1,615 Cases, Female 2,254 Cases.

Ramathibodi Comprehensive Cancer Center

Faculty of Medicine Ramathibodi Hospital,
Mahidol University, Bangkok Thailand

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

Faculty of Medicine, Ramathibodi Hospital

Mahidol University



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INTRODUCTION

Ramathibodi Cancer Registry 2017 is the result of the fruitful collaboration between units and departments of the faculty of medicine, Ramathibodi Hospital, Mahidol University.

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

Ramathibodi Cancer Registry 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.

Association. Professor. Surasak Leelaudomlipi

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 former chairman of Ramathibodi Comprehensive Cancer Registry Committee; Assistant Professor Somjai Dangprasert for her initiation and advice in preparing this report.

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

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

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

And finally, we would like to give a special 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



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RAMATHIBODI HOSPITAL CANCER REGISTRY COMMITTEE, 2017

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COMMITTEE:

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Miss Chanpen Preedee General Affairs Officer
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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 collocated. 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
- carcinomatosisperitonei 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. Benign tumors
2. 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 Most valid method of diagnosis.

Basis of diagnosis	Number	Percentage
Clinical investigation/imaging	42	1.1
Surgery/Operative finding	5	0.1
Cytology or Hematology	12	0.3
Histology or metastasis	7	0.2
Histology of primary	3,803	98.3
Total	3,869	100.0

Figure 2.1 Most valid method of diagnosis.

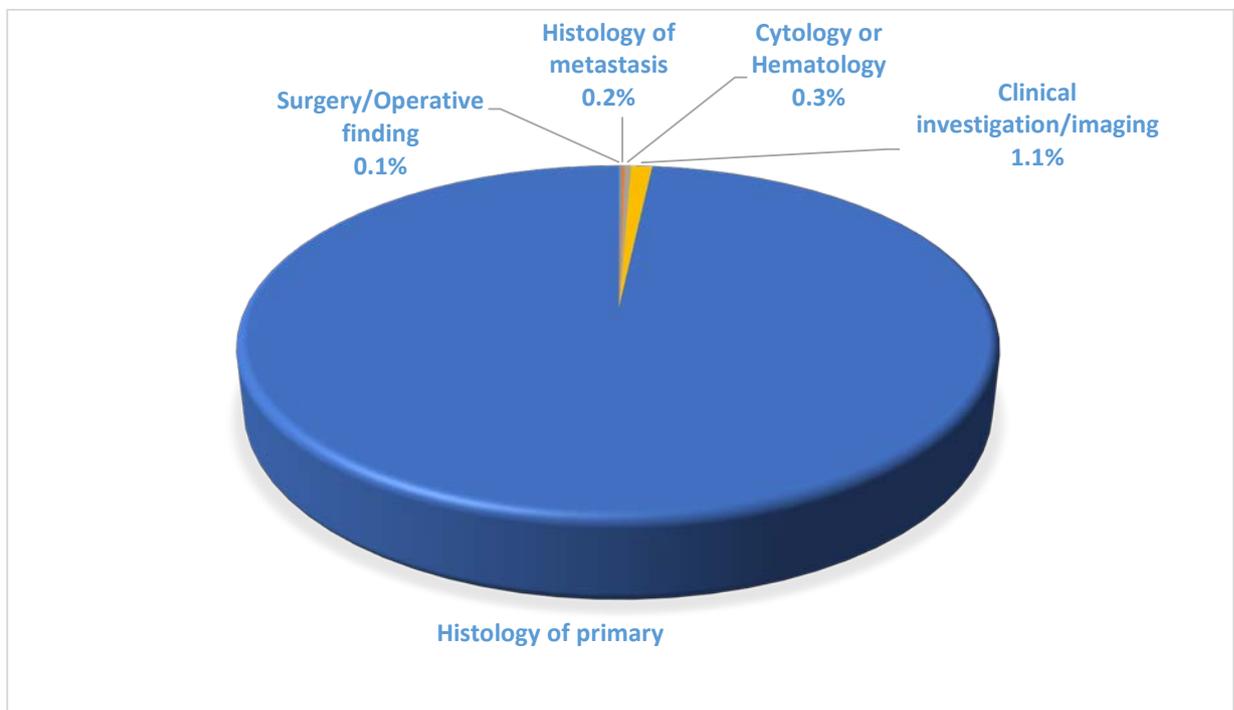




Table 2.2 Number of cancer case by staging of present extent of disease

Staging	Male		Female		Total	
	Number	%	Number	%	Number	%
Localized	99	6.1	450	20.5	549	14.4
Regional LN	338	20.9	700	31.8	1,038	27.2
Distant metastasis	426	26.4	392	17.8	818	21.5
Unknown	752	46.6	656	29.8	1,408	36.9
Total	1,615	100.0	2,198	100.0	3,813	100.0

Figure 2.2 Number of cancer case by present extent of disease

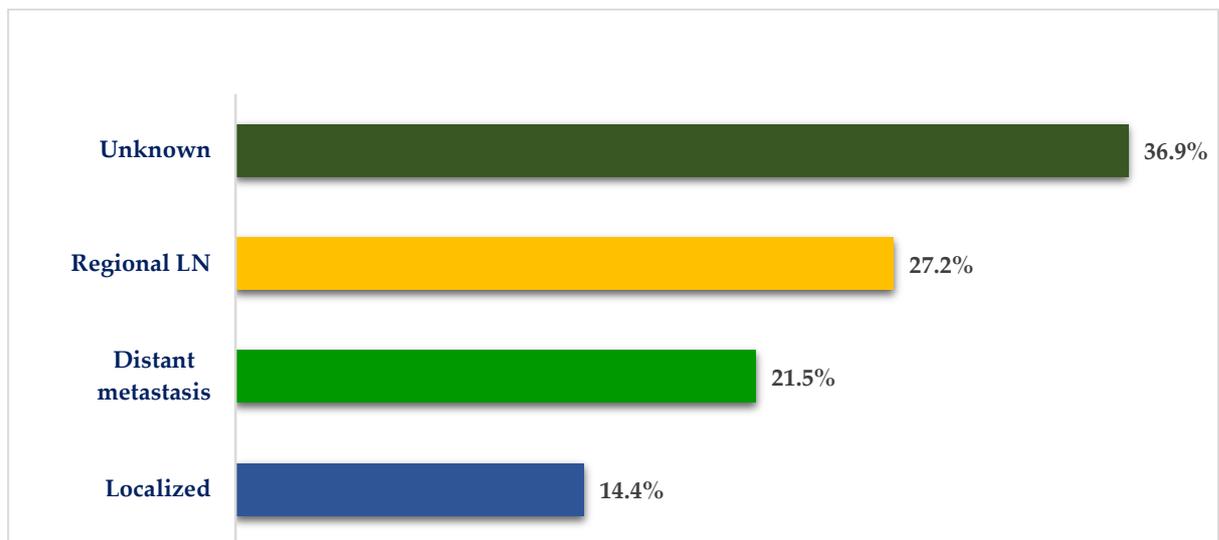
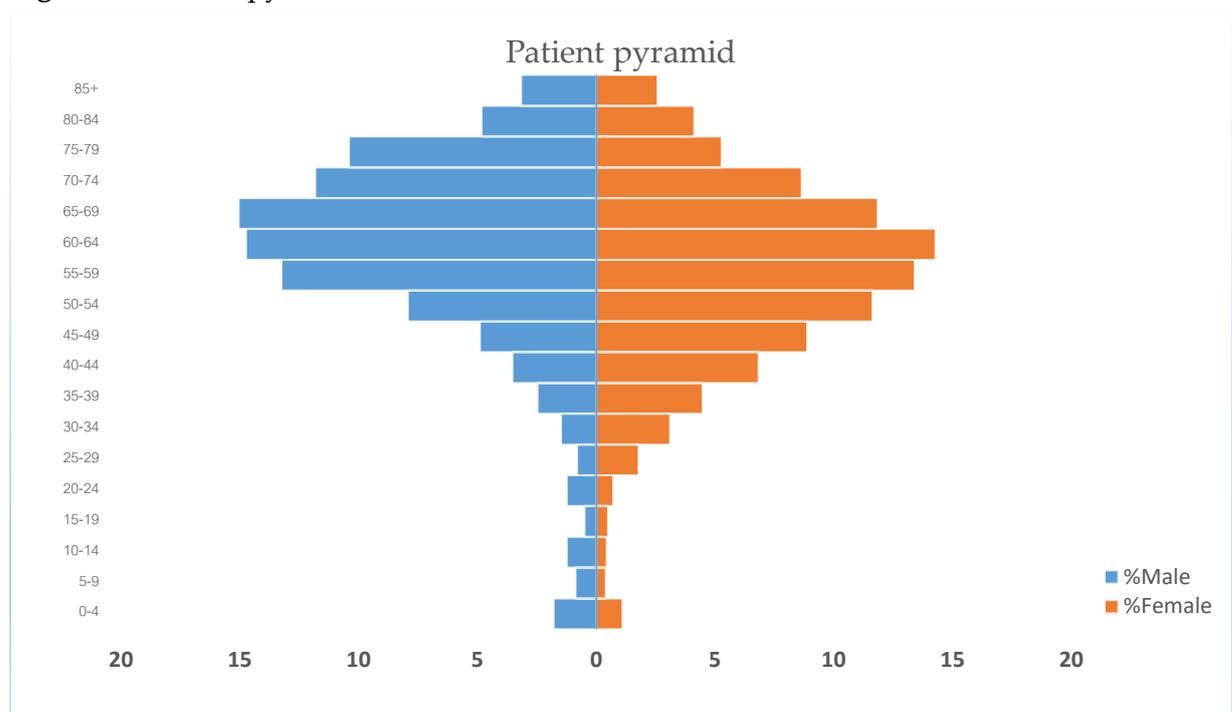




Table 2.3 Number of cancer case by age and sex, 2017

Age group	male		female		Both sexes	
	Number	%	Number	%	Number	%
0-4	29	1.8	25	1.1	54	1.4
5-9	14	0.9	9	0.4	23	0.6
10-14	20	1.2	10	0.4	30	0.8
15-19	8	0.5	11	0.5	19	0.5
20-24	20	1.2	16	0.7	36	0.9
25-29	13	0.8	40	1.8	53	1.4
30-34	24	1.5	70	3.1	94	2.4
35-39	40	2.5	101	4.5	141	3.6
40-44	57	3.5	154	6.8	211	5.5
45-49	79	4.9	200	8.9	278	7.2
50-54	128	7.9	262	11.6	390	10.1
55-59	214	13.3	302	13.4	516	13.3
60-64	238	14.7	322	14.3	560	14.5
65-69	243	15.0	267	11.8	510	13.2
70-74	191	11.8	195	8.7	385	10.0
75-79	168	10.4	119	5.3	287	7.4
80-84	78	4.8	93	4.1	171	4.4
85+	51	3.2	58	2.6	109	2.8
Total	1,615	100.0	2,254	100.0	3,869	100.0
Mean		60.1	56.9		58.3	
S.D.		17.5	16.0		16.7	

Figure 2.3 Patient pyramids, 01/01/2017 - 31/12/2017





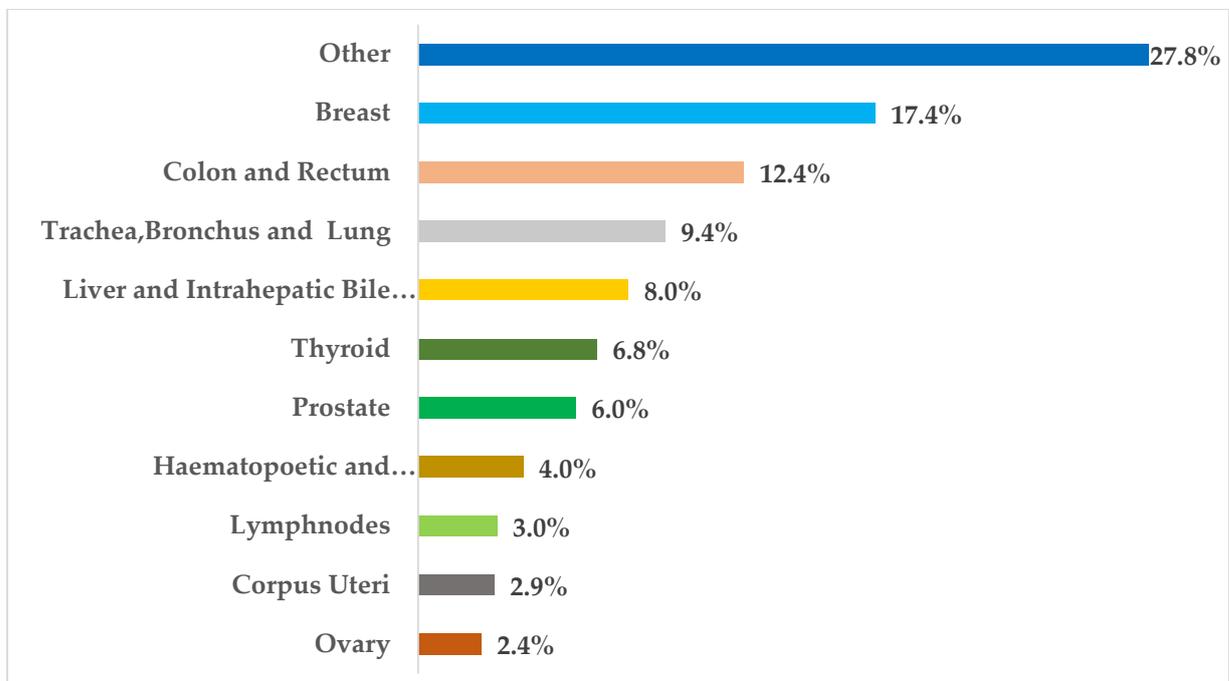
CHAPTER III

TEN LEADING SITES OF CANCER, 2017

Table 3.1 Ten leading sites of cancer in both sexes.

Site	ICD-O	Number of cases	%
1. Breast	C50	673	17.4
2. Colon and Rectum	C18-C20	479	12.4
3. Trachea, Bronchus and Lung	C33-C34	362	9.4
4. Liver and Intrahepatic Bile Ducts	C22	309	8.0
5. Thyroid	C73	262	6.8
6. Prostate	C61	234	6.0
7. Haematopoietic and Reticuloendothelial	C42	155	4.0
8. Lymphnodes	C77	115	3.0
9. Corpus Uteri	C54	114	2.9
10. Ovary	C56	91	2.4
11. Other		1,075	27.8
Total		3,869	100.0

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-C20	248	15.4
2. Prostate	C61	234	14.5
3. Liver and Intrahepatic Bile Ducts	C22	209	12.9
4. Trachea, Bronchus and Lung	C33-C34	192	11.9
5. Haematopoietic and Reticuloendothelial	C42	81	5.0
6. Urinary Bladder	C67	70	4.3
7. Lymphnodes	C77	59	3.7
8. Nasopharynx	C11	47	2.9
9. Kidney	C64	41	2.5
10. Skin	C44	40	2.5
11. Other		394	24.4
Total		1,615	100.0

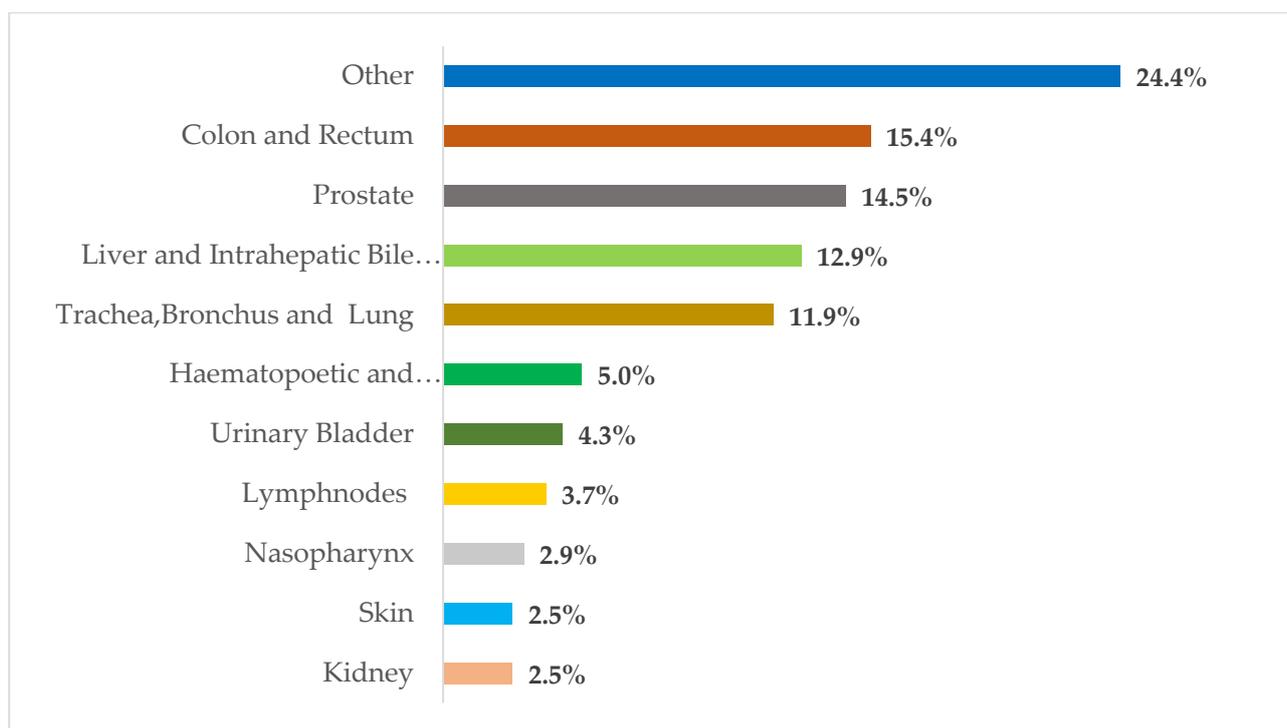
Figure 3.2 Ten leading sites of cancer in male.

Table 3.3 Ten leading sites of cancer in female.

Site	ICD-O	Number of cases	%
1. Breast	C50	672	29.8
2. Colon and Rectum	C18-C20	231	10.2
3. Thyroid	C73	222	9.8
4. Trachea,Bronchus and Lung	C33-C34	170	7.5
5. Corpus Uteri	C54	114	5.1
6. Liver and Intrahepatic Bile Ducts	C22	100	4.4
7. Ovary	C56	91	4.0
8. Cervix Uteri	C53	89	3.9
9. Haematopoietic and Reticuloendothelial	C42	74	3.3
10. Lymphnodes	C77	56	2.5
11. Other		435	19.3
Total		2,254	100.0

Figure 3.3 Ten leading sites of cancer in female.

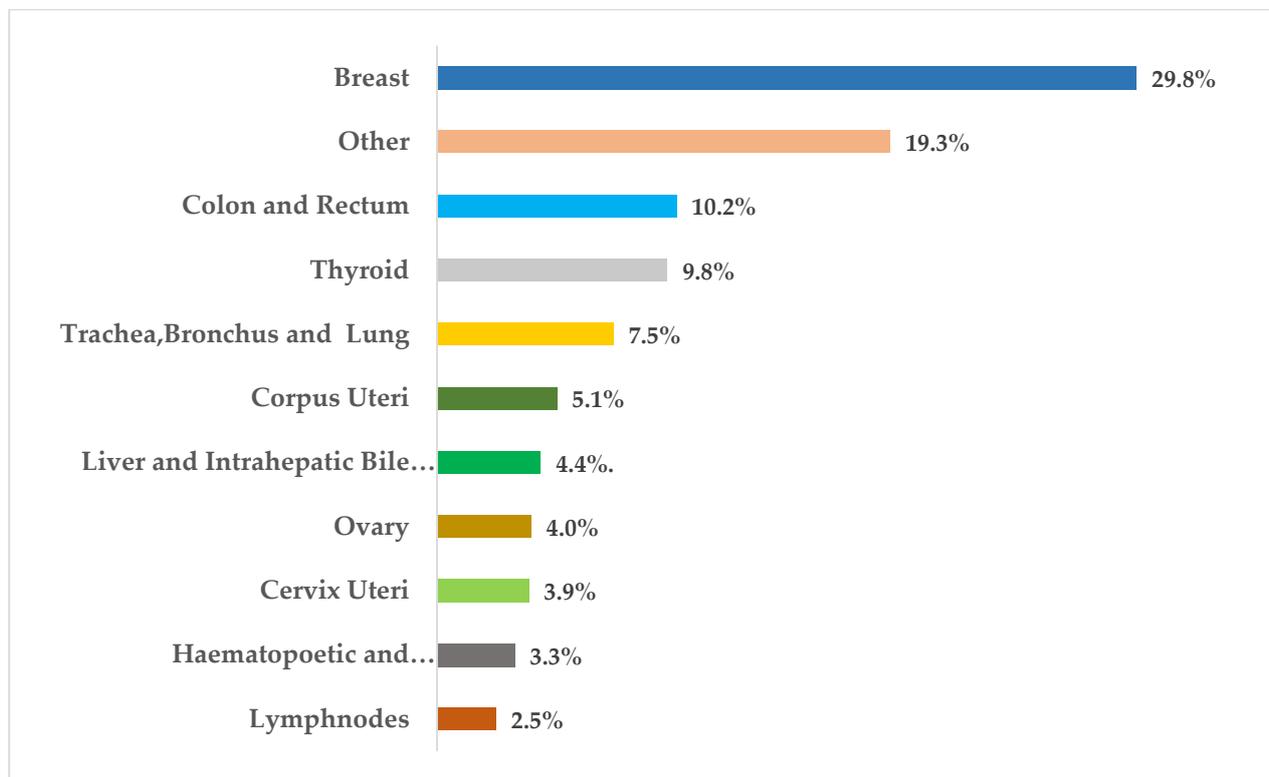


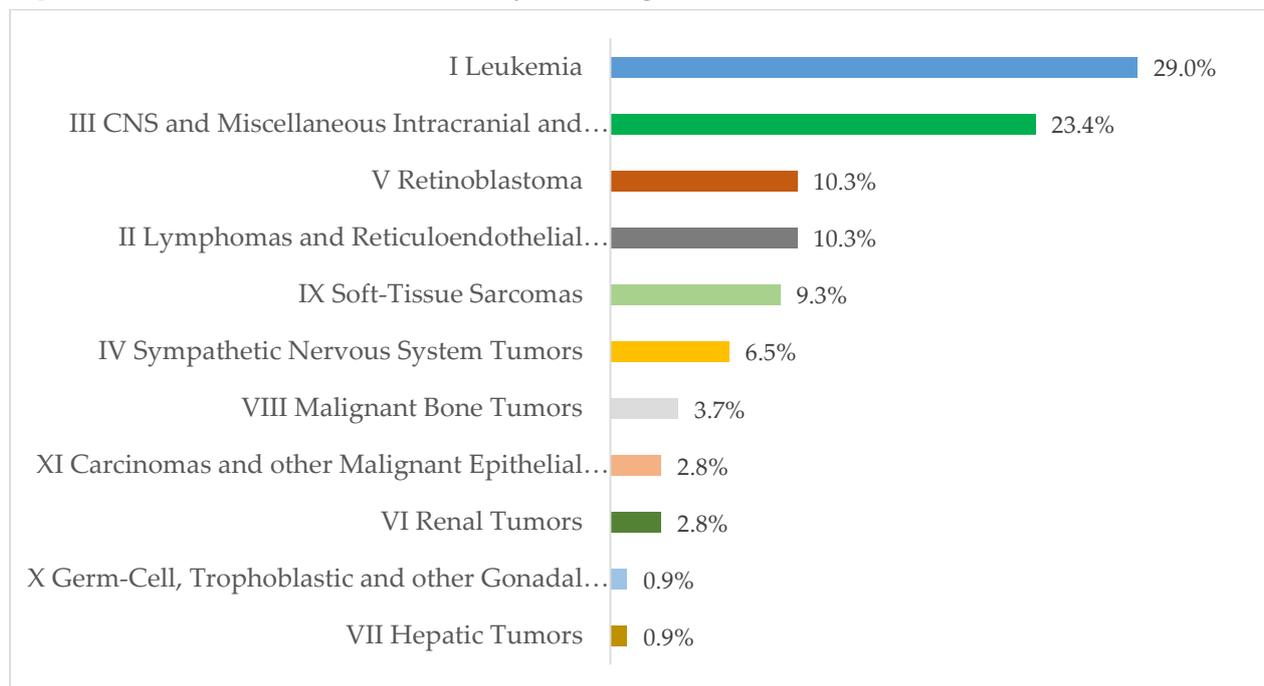


Table 3.4 Site of cancer in childhood by ICCC, age<15, both sexes.

Site	Male		Female		Total	
	Number	%	Number	%	Number	%
Leukemias-I	17	27.0	14	31.8	31	29.0
Lymphomas-II	7	11.1	4	9.1	11	10.3
Brain/CNS-III	20	31.7	5	11.4	25	23.4
Sympathetics NER.-IV	2	3.2	5	11.4	7	6.5
Retinoblastoma-V	6	9.5	5	11.4	11	10.3
Renal-VI	2	3.2	1	2.3	3	2.8
Hepatic-VII	1	1.6	0	0	1	0.9
Malignant bone-VIII	3	4.8	1	2.3	4	3.7
Soft-tissue-IX	3	4.8	7	15.9	10	9.3
Germ cell-X	1	1.6	0	0	1	0.9
Carcinomas-XI	1	1.6	2	4.5	3	2.8
Total	63	100.0	44	100.0	107	100.0

*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	(%)	
Tongue	18	1.1	15	0.7	33	0.9	C01-C02
Mouth	15	0.9	11	0.5	26	0.7	C03-C06
Salivary gland	7	0.4	11	0.5	18	0.5	C07-C08
Oropharynx	11	0.7	6	0.3	17	0.4	C09-C10
Nasopharynx	47	2.9	16	0.7	63	1.6	C11
Hypopharynx	16	1.0	4	0.2	20	0.5	C12-C13
Esophagus	34	2.1	6	0.3	40	1.0	C15
Stomach	38	2.4	35	1.6	73	1.9	C16
Small intestine	3	0.2	3	0.1	6	0.2	C17
Colon	146	9.0	162	7.2	308	8.0	C18
Rectum	105	6.5	69	3.1	174	4.5	C19-C21
Liver	209	12.9	100	4.4	309	8.0	C22
Gallbladder and other parts of biliary tract	12	0.7	17	0.8	29	0.7	C23-C24
Pancreas	20	1.2	31	1.4	51	1.3	C25
Gastrointestinal tract	0	0.0	2	0.1	2	0.1	C26
Nose, sinuses etc.	13	0.8	11	0.5	24	0.6	C30-C31
Larynx	22	1.4	4	0.2	26	0.7	C32
Trachea, Bronchus & lung	192	11.9	170	7.5	362	9.4	C33-C34
Thymus mediastinum	18	1.1	18	0.8	36	0.9	C37-C38
Bone	10	0.6	8	0.4	18	0.5	C40-C41
Haematopoietic and Reticuloendothelial	81	5.0	74	3.3	155	4.0	C42
Other skin	40	2.5	49	2.2	89	2.3	C44
Peripheral and Autonomic nervous	1	0.1	0	0.0	1	0.0	C47
Retroperitoneum and peritoneum	5	0.3	5	0.2	10	0.3	C48
Connective, Subcu. & Soft tissue	12	0.7	24	1.1	36	0.9	C49
Breast	1	0.1	672	29.8	673	17.4	C50
Other female genital	0	0.0	12	0.5	12	0.3	C51, C52, C57
Cervix uteri	0	0.0	89	3.9	89	2.3	C53
Corpus uteri	0	0.0	114	5.1	114	2.9	C54
Ovary	0	0.0	91	4.0	91	2.4	C56
Penis	8	0.5	0	0.0	8	0.2	C60
Prostate	234	14.5	0	0.0	234	6.0	C61
Testis	6	0.4	0	0.0	6	0.2	C62
Bladder	70	4.3	19	0.8	89	2.3	C67
Kidney etc	49	3.0	32	1.4	81	2.1	C64-C66, C68
Eye	16	1.0	25	1.1	41	1.1	C69
Meninges	0	0.0	1	0.0	1	0.0	C70
Brain, nervous system	30	1.9	44	2.0	74	1.9	C71
Spinal cord and nervous system	10	0.6	12	0.5	22	0.6	C72
Thyroid	40	2.5	222	9.8	262	6.8	C73
Adrenal gland	2	0.1	8	0.4	10	0.3	C74
Other endocrine gland	6	0.4	1	0.0	7	0.2	C75
Other and ill-defined site	3	0.2	1	0.0	4	0.1	C76
Lymphnodes	59	3.7	56	2.5	115	3.0	C77
Unknown primary site	6	0.4	4	0.2	10	0.3	C80
All sites	1,615	100.0	2,254	100.0	3,869	100.0	ALL

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

Site	Male		Female		Total		ICD O
	Case	%MV	Case	%MV	Case	%MV	
Tongue	18	100.0	15	100.0	33	100.0	C01-C02
Mouth	15	100.0	11	100.0	26	100.0	C03-C06
Salivary gland	7	100.0	11	100.0	18	100.0	C07-C08
Oropharynx	11	100.0	6	100.0	17	100.0	C09-C10
Nasopharynx	47	100.0	16	100.0	63	100.0	C11
Hypopharynx	16	100.0	4	100.0	20	100.0	C12-C13
Esophagus	34	100.0	6	100.0	40	100.0	C15
Stomach	38	100.0	35	100.0	73	100.0	C16
Small intestine	3	100.0	3	100.0	6	100.0	C17
Colon	146	100.0	162	100.0	308	100.0	C18
Rectum	105	100.0	69	98.6	174	99.4	C19-C21
Liver	209	88.0	100	94.0	309	90.0	C22
Gallbladder and other parts of biliary tract	12	100.0	17	94.1	29	96.6	C23-C24
Pancreas	20	95.0	31	96.8	51	96.1	C25
Gastrointestinal tract	0	0.0	2	100.0	2	100.0	C26
Nose, sinuses etc.	13	100.0	11	100.0	24	100.0	C30-C31
Larynx	22	100.0	4	100.0	26	100.0	C32
Trachea, Bronchus & lung	192	99.5	170	98.2	362	98.9	C33-C34
Thymus mediastinum	18	100.0	18	100.0	36	100.0	C37-C38
Bone	10	80.0	8	100.0	18	88.9	C40-C41
Haematopoietic and Reticuloendothelial	81	100.0	74	100.0	155	100.0	C42
Other skin	40	100.0	49	100.0	89	100.0	C44
Peripheral and Autonomic nervous	1	100.0	0	0.0	1	100.0	C47
Retroperitoneum and peritoneum	5	100.0	5	100.0	10	100.0	C48
Connective, Subcu. & Soft tissue	12	100.0	24	100.0	36	100.0	C49
Breast	1	100.0	672	100.0	673	100.0	C50
Other female genital	0	0.0	12	100.0	12	100.0	C51, C52, C57
Cervix uteri	0	0.0	89	100.0	89	100.0	C53
Corpus uteri	0	0.0	114	100.0	114	100.0	C54
Ovary	0	0.0	91	98.9	91	98.9	C56
Penis	8	100.0	0	0.0	8	100.0	C60
Prostate	234	100.0	0	0.0	234	100.0	C61
Testis	6	100.0	0	0.0	6	100.0	C62
Bladder	70	100.0	19	100.0	89	100.0	C67
Kidney etc	49	100.0	32	100.0	81	100.0	C64-C66, C68
Eye	16	100.0	25	100.0	41	100.0	C69
Meninges	0	0.0	1	100.0	1	100.0	C70
Brain, nervous system	30	96.7	44	100.0	74	98.6	C71
Spinal cord and nervous system	10	100.0	12	83.3	22	90.9	C72
Thyroid	40	97.5	222	100.0	262	99.6	C73
Adrenal gland	2	100.0	8	100.0	10	100.0	C74
Other endocrine gland	6	100.0	1	100.0	7	100.0	C75
Other and ill-defined site	3	100.0	1	100.0	4	100.0	C76
Lymphnodes	59	100.0	56	98.2	115	99.1	C77
Unknown primary site	6	100.0	4	100.0	10	100.0	C80
All sites	1,615	98.9	2,254	99.1	3,869	99.0	ALL



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

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
GRAND TOTAL																					
M	1,615	29	14	20	11	20	13	24	40	57	78	128	213	238	243	190	168	78	51	60.1	17.5
F	2,254	25	9	10	11	16	40	70	101	154	200	262	302	322	267	195	119	93	58	56.9	16.0
T	3,869	54	23	30	22	36	53	94	141	211	278	390	515	560	510	385	287	171	109	58.3	16.7
C01 BASE OF TONGUE																					
M	5	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	1	68.4	11.1
F	4	0	0	0	0	0	0	0	0	1	0	2	0	0	1	0	0	0	0	52.5	11.0
T	9	0	0	0	0	0	0	0	0	1	0	2	2	0	2	1	0	0	1	61.3	13.3
C02 OTHER AND UNSPECIFIED PART OF TONGUE																					
M	13	0	0	0	0	0	0	1	1	2	2	1	0	3	2	1	0	0	0	53.9	13.0
F	11	0	0	0	0	1	1	0	0	1	2	0	0	1	4	1	0	0	0	53.9	17.6
T	24	0	0	0	0	1	1	1	1	3	4	1	0	4	6	2	0	0	0	53.9	14.9
C03 GUM																					
F	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	2	0	72.2	7.7
T	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	2	0	72.2	7.7
C04 FLOOR OF MOUTH																					
M	5	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	0	52.8	5.9
T	5	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	0	52.8	5.9
C05 PALATE																					
M	6	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	1	0	63.2	10.0
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	77.0	0.0
T	7	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	1	1	0	65.1	10.5
C06 OTHER AND UNSPECIFIED PART OF MOUTH																					
M	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	71.5	13.7
F	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	72.8	12.8
T	8	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3	1	1	1	72.1	12.3
C07 PAROTID GLAND																					
M	7	0	0	0	0	0	1	0	0	0	1	1	1	0	0	2	1	0	0	57.7	17.6
F	10	0	0	0	0	0	1	0	1	2	0	2	1	0	1	1	0	1	0	55.5	16.4
T	17	0	0	0	0	0	2	0	1	2	1	3	2	0	1	3	1	1	0	55.2	16.4
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS																					
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	67.0	0.0
T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	67.0	0.0
C09 TONSIL																					
M	11	0	0	0	0	0	0	1	1	1	0	0	3	1	1	1	0	1	1	58.7	17.6
F	6	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	65.3	10.3
T	17	0	0	0	0	0	0	1	1	1	0	1	4	2	2	2	0	2	1	61.1	15.4
C11 NASOPHARYNX																					
M	47	0	0	0	0	0	1	2	4	3	6	10	8	9	3	0	1	0	0	52.2	10.6
F	16	0	0	1	0	0	1	0	1	0	0	4	2	3	1	0	2	1	0	55.0	17.9
T	63	0	0	1	0	0	2	2	5	3	6	14	10	12	4	0	3	1	0	52.9	12.8
C12 PYRIFORM SINUS																					
M	13	0	0	0	0	0	0	0	0	0	0	1	5	3	0	1	1	2	0	63.7	10.6
F	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	55.7	14.0
T	16	0	0	0	0	0	0	0	0	1	0	1	6	3	0	2	1	2	0	62.2	11.2
C13 HYPOPHARYNX																					
M	3	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	57.0	6.2
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	82.0	0.0
T	4	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	63.3	13.5
C15 ESOPHAGUS																					
M	34	0	0	0	0	0	0	0	0	0	0	6	9	6	5	3	3	2	0	63.6	8.6
F	6	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0	0	61.8	6.8
T	40	0	0	0	0	0	0	0	0	0	0	7	10	8	6	4	3	2	0	63.3	8.3



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C16 STOMACH																					
M	38	0	0	0	0	0	0	0	1	3	1	3	5	3	8	5	5	2	2	64.7	13.0
F	35	0	0	0	0	0	1	0	2	2	5	4	2	6	5	6	2	0	0	58.3	12.6
T	73	0	0	0	0	0	1	0	3	5	6	7	7	9	13	11	7	2	2	61.6	13.1
C17 SMALL INTESTINE																					
M	3	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	63.0	5.3
F	3	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	46.7	36.8
T	6	0	0	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	54.8	25.2
C18 COLON																					
M	146	0	0	1	0	0	0	1	5	4	4	13	13	23	25	24	20	10	3	64.8	12.7
F	162	0	0	0	1	0	0	2	4	4	6	13	22	25	32	15	16	14	8	64.4	13.1
T	308	0	0	1	1	0	0	3	9	8	10	26	35	48	57	39	36	24	11	64.6	12.9
C19 RECTOSIGMOID JUNCTION																					
M	17	0	0	0	0	0	0	1	1	0	0	1	3	3	2	3	2	1	0	62.5	13.2
F	12	0	0	0	0	0	0	0	0	0	3	1	1	2	1	2	1	0	1	62.1	13.4
T	29	0	0	0	0	0	0	1	1	0	3	2	4	5	3	5	3	1	1	62.3	13.0
C20 RECTUM																					
M	85	0	0	0	0	0	0	0	0	1	6	8	11	13	17	18	5	3	3	64.4	10.1
F	57	0	0	0	0	0	1	1	3	5	5	5	7	12	8	4	2	2	2	58.2	13.3
T	142	0	0	0	0	0	1	1	3	6	11	13	18	25	25	22	7	5	5	61.9	11.9
C21 ANUS AND ANAL CANAL																					
M	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	66.3	10.5
T	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	66.3	10.5
C22 LIVER AND INTRAHEPATIC BILE DUCTS																					
M	209	1	0	0	1	0	2	1	3	10	14	31	39	31	30	27	11	6	2	59.8	12.1
F	100	0	0	0	0	0	0	0	0	0	4	5	9	19	26	19	9	5	4	67.0	9.1
T	309	1	0	0	1	0	2	1	3	10	18	36	48	50	56	46	20	11	6	62.2	11.7
C23 GALLBLADDER																					
M	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	61.3	12.2
F	3	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	57.7	5.5
T	6	0	0	0	0	0	0	0	0	0	1	1	1	2	0	1	0	0	0	59.5	8.7
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT																					
M	9	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	0	71.1	7.1
F	14	0	0	0	0	0	0	0	0	0	0	0	2	7	2	0	2	0	1	66.3	8.2
T	23	0	0	0	0	0	0	0	0	0	0	0	2	9	4	2	4	1	1	68.2	8.0
C25 PANCREAS																					
M	20	0	0	0	0	0	0	1	0	0	1	1	3	3	5	2	0	2	2	65.4	13.2
F	31	0	0	0	0	0	0	0	0	0	2	2	2	7	1	6	6	3	2	69.6	12.1
T	51	0	0	0	0	0	0	1	0	0	3	3	5	10	6	8	6	5	4	68.0	12.6
C26 GASTROINTESTINAL TRACT																					
F	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	42.0	22.6
T	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	42.0	22.6
C30 NASAL CAVITY AND MIDDLE EAR																					
M	8	0	0	0	0	0	0	0	1	0	0	2	0	1	0	1	0	1	2	66.0	17.8
F	8	1	0	0	0	0	0	0	0	0	1	1	0	3	1	1	0	0	0	53.6	22.0
T	16	1	0	0	0	0	0	0	1	0	1	3	0	4	1	2	0	1	2	59.8	20.4
C31 ACCESSORY SINUSES																					
M	5	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	57.2	6.0
F	3	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	34.7	30.9
T	8	0	1	0	0	0	1	0	0	0	1	0	2	2	1	0	0	0	0	48.8	20.7
C32 LARYNX																					
M	22	0	0	0	0	0	0	0	0	3	0	2	3	7	2	0	4	0	1	62.1	12.7
F	4	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	63.8	19.4
T	26	0	0	0	0	0	0	0	0	3	1	2	4	8	2	0	4	0	2	64.3	13.5
C33 TRACHEA																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	77.0	0.0
T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	77.0	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.
C34 LUNG AND BRONCHUS																					
M	191	0	0	0	0	0	0	1	2	6	7	15	31	29	40	20	27	8	5	64.6	10.8
F	170	0	0	0	0	1	0	0	2	4	11	13	25	33	32	14	18	13	4	63.9	11.4
T	361	0	0	0	0	1	0	1	4	10	18	28	56	62	72	34	45	21	9	64.3	11.1
C37 THYMUS																					
M	8	0	0	0	0	0	0	0	0	0	1	1	0	4	1	1	0	0	0	60.4	7.9
F	8	0	0	0	0	0	0	0	2	1	0	1	1	0	1	1	0	1	0	55.5	15.9
T	16	0	0	0	0	0	0	0	2	1	1	2	1	4	2	2	0	1	0	57.9	12.4
C38 HEART, MEDIASTINUM AND PLEURA																					
M	10	0	0	0	2	3	1	2	0	0	0	0	1	1	0	0	0	0	0	30.5	15.7
F	10	0	1	0	1	0	0	2	0	2	1	1	0	0	0	1	0	1	0	42.9	22.5
T	20	0	1	0	3	3	1	4	0	2	1	1	1	1	0	1	0	1	0	36.7	20.0
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS																					
M	7	0	0	3	2	0	0	0	0	0	1	0	0	1	0	0	0	0	0	26.0	19.7
F	2	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	31.5	27.6
T	9	0	0	4	2	0	0	0	0	0	1	1	0	1	0	0	0	0	0	27.2	19.8
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES																					
M	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	66.0	21.8
F	6	0	0	1	1	0	0	0	0	0	0	2	0	1	0	0	1	0	0	44.8	25.7
T	9	0	0	1	1	0	0	0	0	1	0	2	0	1	0	0	2	1	0	51.9	25.4
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS																					
M	81	6	7	3	2	3	0	4	2	5	5	3	10	6	7	5	6	5	2	46.4	26.5
F	74	10	2	2	1	1	2	5	2	4	3	8	11	5	5	6	3	3	1	45.6	24.9
T	155	16	9	6	3	4	2	9	4	9	8	11	21	11	12	10	9	8	3	46.0	25.7
C44 SKIN																					
M	40	2	0	0	0	1	0	0	0	1	5	1	3	5	4	3	6	2	7	64.4	21.9
F	49	0	1	0	0	0	1	0	0	1	4	5	9	6	5	7	3	3	4	63.0	15.4
T	89	2	1	0	0	1	1	0	0	2	9	6	12	11	9	10	9	5	11	63.6	18.5
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM																					
M	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	45.0	0.0
T	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	45.0	0.0
C48 RETROPERITONEUM AND PERITONEUM																					
M	5	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	52.4	28.1
F	5	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	0	60.4	12.0
T	10	1	0	0	0	0	0	0	0	0	1	1	2	1	1	3	0	0	0	56.4	20.8
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES																					
M	12	0	1	0	0	0	0	0	3	1	1	0	0	2	2	0	2	0	0	51.1	20.5
F	24	0	0	0	0	2	1	2	1	2	0	1	2	6	2	1	2	0	2	55.5	19.7
T	36	0	1	0	0	2	1	2	4	3	1	1	2	8	4	1	4	0	2	54.0	19.8
C50 BREAST																					
M	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	52.0	0.0
F	672	0	0	0	2	2	3	25	35	69	85	107	102	89	69	33	20	20	11	55.4	12.7
T	673	0	0	0	2	2	3	25	35	69	85	108	102	89	69	33	20	20	11	55.4	12.7
C51 VULVA																					
F	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	1	0	69.4	10.4
T	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	1	0	69.4	10.4
C52 VAGINA																					
F	5	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	1	68.6	14.6
T	5	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	1	68.6	14.6
C53 CERVIX UTERI																					
F	89	0	0	0	0	0	1	6	10	7	10	14	9	11	6	6	5	2	2	54.3	14.3
T	89	0	0	0	0	0	1	6	10	7	10	14	9	11	6	6	5	2	2	54.3	14.3
C54 CORPUS UTERI																					
F	114	0	0	0	0	0	1	1	3	7	8	14	31	13	14	11	7	3	1	59.1	11.5
T	114	0	0	0	0	0	1	1	3	7	8	14	31	13	14	11	7	3	1	59.1	11.5
C56 OVARY																					
F	91	1	0	1	1	1	3	4	2	6	11	8	11	18	7	10	2	4	1	55.2	16.4
T	91	1	0	1	1	1	3	4	2	6	11	8	11	18	7	10	2	4	1	55.2	16.4



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS																					
F	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	55.5	21.9
T	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	55.5	21.9
C60 PENIS																					
M	8	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1	0	59.0	18.5
T	8	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1	0	59.0	18.5
C61 PROSTATE GLAND																					
M	234	0	0	0	0	0	0	0	1	0	1	5	23	38	47	54	40	13	12	69.5	8.4
T	234	0	0	0	0	0	0	0	1	0	1	5	23	38	47	54	40	13	12	69.5	8.4
C62 TESTIS																					
M	6	1	0	0	0	0	1	0	2	0	0	1	0	0	0	0	1	0	0	38.8	25.2
T	6	1	0	0	0	0	1	0	2	0	0	1	0	0	0	0	1	0	0	38.8	25.2
C64 KIDNEY																					
M	41	2	0	0	0	0	0	1	2	2	7	2	5	7	6	1	4	2	0	55.8	17.7
F	24	1	0	0	0	0	0	2	3	1	0	1	2	6	2	3	1	1	1	56.9	19.9
T	65	3	0	0	0	0	0	3	5	3	7	3	7	13	8	4	5	3	1	56.2	18.3
C65 RENAL PELVIS																					
M	5	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	2	0	62.8	20.6
F	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	73.7	11.1
T	8	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	1	3	0	66.9	17.6
C66 URETER																					
M	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	73.0	9.6
F	4	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	65.3	19.4
T	7	0	0	0	0	0	0	0	0	0	1	1	0	0	2	1	0	1	1	68.6	15.4
C67 URINARY BLADDER																					
M	70	0	0	0	0	0	1	0	0	1	3	3	7	12	9	7	14	9	4	67.3	14.8
F	19	0	0	0	0	0	0	0	0	0	0	1	1	4	4	2	2	3	2	70.9	10.9
T	89	0	0	0	0	0	1	0	0	1	2	4	7	16	13	9	16	12	6	68.1	14.1
C68 OTHER AND UNSPECIFIED URINARY ORGANS																					
F	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	49.0	0.0
T	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	49.0	0.0
C69 EYE AND ADNEXA																					
M	16	6	0	0	0	1	0	0	0	2	0	0	2	2	1	1	1	0	0	35.4	30.3
F	25	5	1	0	0	1	2	2	1	3	0	0	1	3	1	4	0	1	0	40.3	27.2
T	41	11	1	0	0	2	2	2	1	5	0	0	3	5	2	5	1	1	0	38.4	28.2
C70 MENINGES																					
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	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	53.0	0.0
C71 BRAIN																					
M	30	3	3	7	1	1	2	0	1	2	3	1	1	3	2	0	0	0	0	29.6	22.2
F	44	2	1	0	2	2	2	1	6	3	6	4	5	4	1	4	0	0	1	45.0	19.4
T	74	5	4	7	3	3	4	1	7	5	9	5	6	7	3	4	0	0	1	38.8	21.8
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM																					
M	10	2	1	0	1	2	0	0	0	0	0	0	1	1	2	0	0	0	0	32.8	28.2
F	12	1	1	0	0	0	1	0	2	0	3	0	1	1	0	0	0	1	1	45.0	26.4
T	22	3	2	0	1	2	1	0	2	0	3	0	2	2	2	0	0	1	1	39.5	27.3
C73 THYROID GLAND																					
M	40	0	0	1	0	3	2	4	6	6	3	3	5	2	2	0	3	0	0	45.3	15.4
F	222	0	0	2	1	5	16	13	19	25	22	27	30	22	15	13	9	2	1	50.3	15.2
T	262	0	0	3	1	8	18	17	25	31	25	30	35	24	17	13	12	2	1	49.5	15.3
C74 ADRENAL GLAND																					
M	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.0	2.8
F	8	3	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	29.9	33.1
T	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.5	31.3



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES																					
M	6	0	1	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	23.0	20.6
F	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.0	0.0
T	7	0	1	2	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	22.1	19.0
C76 OTHER AND ILL-DEFINED SITES																					
M	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	48.7	38.7
F	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	63.0	0.0
T	4	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	52.3	32.5
C77 LYMPH NODES																					
M	59	3	0	2	0	3	2	3	4	2	2	5	6	6	8	3	5	2	3	52.9	22.6
F	56	1	0	1	0	0	0	4	1	1	3	4	6	3	16	10	2	2	2	60.6	16.9
T	115	4	0	3	0	3	2	7	5	3	5	9	12	9	24	13	7	4	5	56.7	20.3
C80 UNKNOWN PRIMARY SITE																					
M	6	0	0	0	0	0	0	0	0	0	0	3	2	0	1	0	0	0	0	57.0	5.8
F	4	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	1	65.3	15.3
T	10	0	0	0	0	0	0	0	0	0	0	4	2	2	1	0	0	0	1	60.3	10.7

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

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C01 BASE OF TONGUE		5	4	9
C01.9	Base of tongue, NOS	5	4	9
C02 OTHER AND UNSPECIFIED PART OF TONGUE		13	11	24
C02.0	Dorsal surface of tongue, NOS	0	1	1
C02.1	Border of tongue	1	1	2
C02.2	Ventral surface of tongue, NOS	2	0	2
C02.3	Anterior 2/3 of tongue, NOS	1	0	1
C02.9	Tongue, NOS	9	9	18
C03 GUM		0	6	6
C03.0	Upper gum	0	1	1
C03.1	Lower gum	0	2	2
C03.9	Gum, NOS	0	3	3
C04 FLOOR OF MOUTH		5	0	5
C04.0	Anterior floor of mouth	1	0	1
C04.9	Floor of mouth, NOS	4	0	4
C05 PALATE		6	1	7
C05.0	Hard palate	2	1	3
C05.1	Soft palate, NOS	3	0	3
C05.2	Uvula	1	0	1
C06 OTHER AND UNSPECIFIED PART OF MOUTH		4	4	8
C06.0	Cheek mucosa	4	2	6
C06.9	Mouth, NOS	0	2	2
C07 PAROTID GLAND		7	10	17
C07.9	Parotid gland	7	10	17
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS		0	1	1
C08.9	Major salivary gland, NOS	0	1	1
C09 TONSIL		11	6	17
C09.1	Tonsillar pillar	1	0	1
C09.9	Tonsil, NOS	10	6	16
C11 NASOPHARYNX		47	16	63
C11.0	Superior wall of nasopharynx	0	1	1
C11.2	Lateral wall of nasopharynx	1	0	1
C11.3	Anterior wall of nasopharynx	0	1	1
C11.9	Nasopharynx, NOS	46	14	60
C12 PYRIFORM SINUS		13	3	16
C12.9	Pyriiform sinus	13	3	16
C13 HYPOPHARYNX		3	1	4
C13.9	Hypopharynx, NOS	3	1	4
C15 ESOPHAGUS		34	6	40
C15.0	Cervical esophagus	1	0	1
C15.1	Thoracic esophagus	6	0	6
C15.3	Upper third of esophagus	6	0	6
C15.4	Middle third of esophagus	5	4	9
C15.5	Lower third of esophagus	2	1	3
C15.8	Overlapping lesion of esophagus	2	0	2
C15.9	Esophagus, NOS	12	1	13



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C16 STOMACH		38	35	73
C16.0	Cardia, NOS	7	4	11
C16.1	Fundus of stomach	0	1	1
C16.2	Body of stomach	2	1	3
C16.3	Gastric antrum	5	4	9
C16.6	Greater curvature of stomach,NOS	1	1	2
C16.8	Overlapping lesion of stomach	2	0	2
C16.9	Stomach, NOS	21	24	45
C17 SMALL INTESTINE		3	3	6
C17.0	Duodenum	1	3	4
C17.1	Jejunum	1	0	1
C17.9	Small intestine, NOS	1	0	1
C18 COLON		146	162	308
C18.0	Cecum	9	13	22
C18.1	Appendix	1	1	2
C18.2	Ascending colon	13	21	34
C18.3	Hepatic flexure of colon	6	11	17
C18.4	Transverse colon	14	11	25
C18.5	Splenic flexure of colon	4	4	8
C18.6	Descending colon	15	7	22
C18.7	Sigmoid colon	72	83	155
C18.8	Overl. lesion of colon	0	1	1
C18.9	Colon, NOS	12	10	22
C19 RECTOSIGMOID JUNCTION		17	12	29
C19.9	Rectosigmoid junction	17	12	29
C20 RECTUM		85	57	142
C20.9	Rectum, NOS	85	57	142
C21 ANUS AND ANAL CANAL		3	0	3
C21.0	Anus, NOS	3	0	3
C22 LIVER AND INTRAHEPATIC BILE DUCTS		209	100	309
C22.0	Liver	162	56	218
C22.1	Intrahepatic bile duct	47	44	91
C23 GALLBLADDER		3	3	6
C23.9	Gallbladder	3	3	6
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT		9	14	23
C24.0	Extrahepatic bile duct	4	4	8
C24.1	Ampulla of Vater	5	10	15
C25 PANCREAS		20	31	51
C25.0	Head of pancreas	9	18	27
C25.1	Body of pancreas	1	2	3
C25.2	Tail of pancreas	4	3	7
C25.3	Pancreatic duct	1	0	1
C25.4	Islets of Langerhans	1	0	1
C25.9	Pancreas, NOS	4	8	12
C26 OTHER AND ILL-DEFINED DIGESTIVE ORGANS		0	2	2
C26.9	Gastrointestinal tract, NOS	0	2	2
C30 NASAL CAVITY AND MIDDLE EAR		8	8	16
C30.0	Nasal cavity	8	8	16



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C31 ACCESSORY SINUSES		5	3	8
C31.0	Maxillary sinus	4	1	5
C31.1	Ethmoid sinus	1	1	2
C31.3	Sphenoid sinus	0	1	1
C32 LARYNX		22	4	26
C32.0	Glottis	11	2	13
C32.1	Supraglottis	9	1	10
C32.2	Subglottis	1	0	1
C32.9	Larynx, NOS	1	1	2
C33 TRACHEA		1	0	1
C33.9	Trachea	1	0	1
C34 LUNG AND BRONCHUS		191	170	361
C34.1	Upper lobe, lung	83	63	146
C34.2	Middle lobe, lung	8	10	18
C34.3	Lower lobe, lung	61	58	119
C34.8	Overl. lesion of lung	0	3	3
C34.9	Lung, NOS	39	36	75
C37 THYMUS		8	8	16
C37.9	Thymus	8	8	16
C38 HEART, MEDIASTINUM AND PLEURA		10	10	20
C38.0	Heart	1	2	3
C38.1	Anterior mediastinum	3	2	5
C38.3	Mediastinum, NOS	4	2	6
C38.4	Pleura, NOS	2	4	6
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS		7	2	9
C40.0	Long bones of upper limb, scapula and associated joints	1	1	2
C40.2	Long bones of lower limb and associated joints	6	1	7
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES		3	6	9
C41.0	Bones of skull and face and associated joints	1	4	5
C41.1	Mandible	0	1	1
C41.2	Vertebral column	1	0	1
C41.4	Pelvic bones, sacrum, coccyx and associated joints	1	0	1
C41.9	Bone, NOS	0	1	1
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS		81	74	155
C42.1	Bone marrow	80	74	154
C42.2	Spleen	1	0	1
C44 SKIN		40	49	89
C44.1	Eyelid	2	8	10
C44.2	External ear	6	7	13
C44.3	Skin, other and unspecified parts of face	11	15	26
C44.4	Skin of scalp and neck	2	2	4
C44.5	Skin of trunk	8	3	11
C44.6	Skin of upper limb and shoulder	5	4	9
C44.7	Skin of lower limb and hip	5	8	13
C44.9	Skin, NOS	1	2	3



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM		1	0	1
C47.1	Per. nerves & A.N.S. of upper limb and shoulder	1	0	1
C48 RETROPERITONEUM AND PERITONEUM		5	5	10
C48.0	Retroperitoneum	5	1	6
C48.2	Peritoneum, NOS	0	4	4
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES		12	24	36
C49.0	Connec., subcut. and other soft tissues of head, face, and neck	2	3	5
C49.1	Connec., subcut. and other soft tissues of upper limb and shoulder	4	4	8
C49.2	Connec., subcut. and other soft tissues of lower limb and hip	4	8	12
C49.3	Connec., subcut. and other soft tissues of thorax	2	5	7
C49.4	Connective, subcutaneous and other soft tissues of abdomen	0	1	1
C49.5	Connec., subcut. and other soft tissues of pelvis	0	2	2
C49.6	Connective, subcutaneous and other soft tissues of trunk, NOS	0	1	1
C50 BREAST		1	672	673
C50.0	Nipple	0	25	25
C50.1	Central portion of breast	1	45	46
C50.2	Upper-inner quadrant of breast	0	87	87
C50.3	Lower-inner quadrant of breast	0	23	23
C50.4	Upper-outer quadrant of breast	0	251	251
C50.5	Lower-outer quadrant of breast	0	41	41
C50.6	Axillary tail of breast	0	9	9
C50.8	Overl. lesion of breast	0	28	28
C50.9	Breast, NOS	0	163	163
C51 VULVA		0	5	5
C51.9	Vulva, NOS	0	5	5
C52 VAGINA		0	5	5
C52.9	Vagina, NOS	0	5	5
C53 CERVIX UTERI		0	89	89
C53.0	Endocervix	0	14	14
C53.1	Exocervix	0	68	68
C53.9	Cervix uteri	0	7	7
C54 CORPUS UTERI		0	114	114
C54.1	Endometrium	0	113	113
C54.9	Corpus uteri	0	1	1
C56 OVARY		0	91	91
C56.9	Ovary	0	91	91
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS		0	2	2
C57.0	Fallopian tube	0	2	2
C58 PLACENTA		0	2	2
C58.9	Placenta	0	2	2
C60 PENIS		8	0	8
C60.1	Glans penis	2	0	2
C60.9	Penis, NOS	6	0	6
C61 PROSTATE GLAND		234	0	234
C61.9	Prostate gland	234	0	234



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C62 TESTIS		6	0	6
C62.9	Testis, NOS	6	0	6
C64 KIDNEY		41	24	65
C64.9	Kidney	41	24	65
C65 RENAL PELVIS		5	3	8
C65.9	Renal pelvis	5	3	8
C66 URETER		3	4	7
C66.9	Ureter	3	4	7
C67 URINARY BLADDER		70	19	89
C67.0	Trigone of urinary bladder	0	1	1
C67.1	Dome of urinary bladder	1	0	1
C67.2	Lateral wall of urinary bladder	2	2	4
C67.3	Anterior wall of urinary bladder	1	0	1
C67.4	Posterior wall of urinary bladder	1	1	2
C67.5	Bladder neck	3	1	4
C67.7	Urachus	1	0	1
C67.8	Overl. lesion of bladder	1	1	2
C67.9	Bladder, NOS	60	13	73
C68 OTHER AND UNSPECIFIED URINARY ORGANS		0	1	1
C68.0	Urethra	0	1	1
C69 EYE AND ADNEXA		16	25	41
C69.0	Conjunctiva	1	2	3
C69.2	Retina	6	5	11
C69.3	Choroid	7	11	18
C69.4	Eyeball	1	1	2
C69.5	Lacrimal gland, NOS	1	3	4
C69.6	Orbit, NOS	0	3	3
C70 MENINGES		0	1	1
C70.0	Cerebral meninges	0	1	1
C71 BRAIN		30	44	74
C71.0	Cerebrum	2	4	6
C71.1	Frontal lobe	10	18	28
C71.2	Temporal lobe	2	6	8
C71.3	Parietal lobe	3	5	8
C71.4	Occipital lobe	1	1	2
C71.6	Cerebellum, NOS	3	3	6
C71.7	Brain stem	3	2	5
C71.8	Overl. lesion of brain	1	1	2
C71.9	Brain, NOS	5	4	9
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM		10	12	22
C72.0	Spinal cord	3	4	7
C72.3	Optic nerve	2	2	4
C72.9	Nervous system, NOS	5	6	11
C73 THYROID GLAND		40	222	262
C73.9	Thyroid gland	40	222	262
C74 ADRENAL GLAND		2	8	10
C74.0	Cortex of adrenal gland	0	1	1



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C74.9	Adrenal gland, NOS	2	7	9
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES		6	1	7
C75.0	Parathyroid gland	1	0	1
C75.1	Pituitary gland	1	0	1
C75.2	Craniopharyngeal duct	1	0	1
C75.3	Pineal gland	3	1	4
C76 OTHER AND ILL-DEFINED SITES		3	1	4
C76.2	Abdomen, NOS	1	0	1
C76.3	Pelvis, NOS	1	1	2
C76.4	Upper limb, NOS	1	0	1
C77 LYMPH NODES		59	56	115
C77.0	Lymph nodes of head, face and neck	23	23	46
C77.1	Intrathoracic lymph nodes	4	0	4
C77.2	Intra-abdominal lymph nodes	8	9	17
C77.3	Lymph nodes of axilla or arm	5	5	10
C77.4	Lymph nodes, inguinal region or leg	2	3	5
C77.9	Lymph node, NOS	17	16	33
C80 UNKNOWN PRIMARY SITE		6	4	10
C80.9	Unknown primary site	6	4	10



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

ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C01 BASE OF TONGUE						
C01.9	Base of tongue, NOS			5	4	9
M	8010/3	Carcinoma, NOS		1	1	2
M	8070/3	Squamous cell carcinoma, NOS		4	0	4
M	8076/3	Squamous cell carcinoma, microinvasive		0	1	1
M	8430/3	Mucoepidermoid carcinoma		0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		0	1	1
C02 OTHER AND UNSPECIFIED PART OF TONGUE						
C02.0	Dorsal surface of tongue, NOS			0	1	1
M	8076/3	Squamous cell carcinoma, microinvasive		0	1	1
C02.1	Border of tongue			1	1	2
M	8070/3	Squamous cell carcinoma, NOS		1	1	2
C02.2	Ventral surface of tongue, NOS			2	0	2
M	8070/3	Squamous cell carcinoma, NOS		2	0	2
C02.3	Anterior 2/3 of tongue, NOS			1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C02.9	Tongue, NOS			9	9	18
M	8070/3	Squamous cell carcinoma, NOS		9	9	18
C03 GUM						
C03.0	Upper gum			0	1	1
M	8070/3	Squamous cell carcinoma, NOS		0	1	1
C03.1	Lower gum			0	2	2
M	8070/3	Squamous cell carcinoma, NOS		0	1	1
M	8076/3	Squamous cell carcinoma, microinvasive		0	1	1
C03.9	Gum, NOS			0	3	3
M	8070/3	Squamous cell carcinoma, NOS		0	2	2
M	8071/3	Squamous cell carcinoma, keratinizing, NOS		0	1	1
C04 FLOOR OF MOUTH						
C04.0	Anterior floor of mouth			1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C04.9	Floor of mouth, NOS			4	0	4
M	8070/3	Squamous cell carcinoma, NOS		4	0	4
C05 PALATE						
C05.0	Hard palate			2	1	3
M	8070/3	Squamous cell carcinoma, NOS		1	1	2
M	8430/3	Mucoepidermoid carcinoma		1	0	1
C05.1	Soft palate, NOS			3	0	3
M	8070/3	Squamous cell carcinoma, NOS		3	0	3
C05.2	Uvula			1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C06 OTHER AND UNSPECIFIED PART OF MOUTH						
C06.0	Cheek mucosa			4	2	6
M	8070/3	Squamous cell carcinoma, NOS		3	1	4
M	8852/3	Myxoid liposarcoma		0	1	1
M	9070/3	Embryonal carcinoma, NOS		1	0	1
C06.9	Mouth, NOS			0	2	2
M	8071/3	Squamous cell carcinoma, keratinizing, NOS		0	1	1
M	8430/3	Mucoepidermoid carcinoma		0	1	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C07 PAROTID GLAND						
C07.9	Parotid gland			7	10	17
M	8070/3	Squamous cell carcinoma, NOS		1	4	5
M	8140/3	Adenocarcinoma, NOS		2	0	2
M	8200/3	Adenoid cystic carcinoma		1	2	3
M	8430/3	Mucoepidermoid carcinoma		2	1	3
M	8550/3	Acinar cell carcinoma		0	2	2
M	9690/3	Follicular lymphoma, NOS		0	1	1
M	9755/3	Histiocytic sarcoma		1	0	1
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS						
C08.9	Major salivary gland, NOS			0	1	1
M	9673/3	Mantle cell lymphoma		0	1	1
C09 TONSIL						
C09.1	Tonsillar pillar			1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C09.9	Tonsil, NOS			10	6	16
M	8020/3	Carcinoma, undifferentiated, NOS		1	0	1
M	8070/3	Squamous cell carcinoma, NOS		6	3	9
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS		1	1	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		2	1	3
M	9690/3	Follicular lymphoma, NOS		0	1	1
C11 NASOPHARYNX						
C11.0	Superior wall of nasopharynx			0	1	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS		0	1	1
C11.2	Lateral wall of nasopharynx			1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C11.3	Anterior wall of nasopharynx			0	1	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS		0	1	1
C11.9	Nasopharynx, NOS			46	14	60
M	8020/3	Carcinoma, undifferentiated, NOS		2	2	4
M	8070/3	Squamous cell carcinoma, NOS		8	2	10
M	8071/3	Squamous cell carcinoma, keratinizing, NOS		1	0	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS		34	8	42
M	8121/3	Sinonasal undifferentiated carcinoma		1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS		0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		0	1	1
C12 PYRIFORM SINUS						
C12.9	Pyriiform sinus			13	3	16
M	8070/3	Squamous cell carcinoma, NOS		12	3	15
M	8071/3	Squamous cell carcinoma, keratinizing, NOS		1	0	1
C13 HYPOPHARYNX						
C13.9	Hypopharynx, NOS			3	1	4
M	8010/3	Carcinoma, NOS		0	1	1
M	8070/3	Squamous cell carcinoma, NOS		3	0	3
C15 ESOPHAGUS						
C15.0	Cervical esophagus			1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C15.1	Thoracic esophagus			6	0	6
M	8070/3	Squamous cell carcinoma, NOS		4	0	4
M	8076/3	Squamous cell carcinoma, microinvasive		1	0	1
M	8140/3	Adenocarcinoma, NOS		1	0	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C15.3	Upper third of esophagus		6	0	6
M	8070/3	Squamous cell carcinoma, NOS	6	0	6
C15.4	Middle third of esophagus		5	4	9
M	8070/3	Squamous cell carcinoma, NOS	4	3	7
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	1	2
C15.5	Lower third of esophagus		2	1	3
M	8070/3	Squamous cell carcinoma, NOS	2	1	3
C15.8	Overlapping lesion of esophagus		2	0	2
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C15.9	Esophagus, NOS		12	1	13
M	8010/3	Carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	10	1	11
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
C16 STOMACH					
C16.0	Cardia, NOS		7	4	11
M	8140/3	Adenocarcinoma, NOS	5	2	7
M	8490/3	Signet ring cell adenocarcinoma	2	2	4
C16.1	Fundus of stomach		0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
C16.2	Body of stomach		2	1	3
M	8010/3	Carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	1	1	2
C16.3	Gastric antrum		5	4	9
M	8000/3	Neoplasm, malignant	0	1	1
M	8010/3	Carcinoma, NOS	0	1	1
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	2	1	3
M	8490/3	Signet ring cell adenocarcinoma	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2
C16.6	Greater curvature of stomach, NOS		1	1	2
M	8490/3	Signet ring cell adenocarcinoma	0	1	1
M	8936/3	GIST, malignant	1	0	1
C16.8	Overlapping lesion of stomach		2	0	2
M	8140/3	Adenocarcinoma, NOS	2	0	2
C16.9	Stomach, NOS		21	24	45
M	8000/3	Neoplasm, malignant	1	0	1
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	10	9	19
M	8145/3	Adenocarcinoma, deffuse type	1	0	1
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8490/3	Signet ring cell adenocarcinoma	3	5	8
M	8936/3	GIST, malignant	2	6	8
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	3	1	4
M	9699/3	Marginal zone B-cell lymphoma, NOS	0	2	2
C17 SMALL INTESTINE					
C17.0	Duodenum		1	3	4
M	8246/3	Neuroendocrine carcinoma, NOS	0	1	1
M	8936/3	GIST, malignant	1	0	1
M	9364/3	PPNET	0	1	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9714/3	Anaplastic large cell lymphoma, T cell and Null cell type	0	1	1
C17.1	Jejunum		1	0	1
M	8140/3	Adenocarcinoma, NOS	1	0	1
C17.9	Small intestine, NOS		1	0	1
M	8936/3	GIST, malignant	1	0	1
C18 COLON					
C18.0	Cecum		9	13	22
M	8140/3	Adenocarcinoma, NOS	9	12	21
M	8170/3	Hepatocellular carcinoma, NOS	0	1	1
C18.1	Appendix		1	1	2
M	8140/3	Adenocarcinoma, NOS	1	1	2
C18.2	Ascending colon		13	21	34
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	12	19	31
M	8480/3	Mucinous adenocarcinoma	1	1	2
C18.3	Hepatic flexure of colon		6	11	17
M	8140/3	Adenocarcinoma, NOS	6	11	17
C18.4	Transverse colon		14	11	25
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	14	10	24
C18.5	Splenic flexure of colon		4	4	8
M	8140/3	Adenocarcinoma, NOS	4	4	8
C18.6	Descending colon		15	7	22
M	8140/3	Adenocarcinoma	0	1	1
M	8140/3	Adenocarcinoma, NOS	15	6	21
C18.7	Sigmoid colon		72	83	155
M	8140/3	Adenocarcinoma, NOS	72	80	152
M	8246/3	Neuroendocrine carcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8936/3	GIST, malignant	0	1	1
C18.8	Overl. lesion of colon		0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
C18.9	Colon, NOS		12	10	22
M	8140/3	Adenocarcinoma, NOS	11	9	20
M	8890/3	Leiomyosarcoma, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C19 RECTOSIGMOID JUNCTION					
C19.9	Rectosigmoid junction		17	12	29
M	8140/3	Adenocarcinoma, NOS	16	12	28
M	8490/3	Signet ring cell adenocarcinoma	1	0	1
C20 RECTUM					
C20.9	Rectum, NOS		85	57	142
M	8010/3	Carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	79	54	133
M	8262/3	Villous adenocarcinoma	1	0	1
M	8263/3	Tubulopapillary adenocarcinoma	1	0	1
M	8480/3	Mucinous adenocarcinoma	1	1	2
M	8490/3	Signet ring cell adenocarcinoma	1	0	1
M	8936/3	GIST, malignant	0	2	2
M	9673/3	Mantle cell lymphoma	1	0	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C21 ANUS AND ANAL CANAL						
C21.0	Anus, NOS			3	0	3
M	8070/2	Squamous cell carcinoma in situ, NOS		1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
M	8140/3	Adenocarcinoma, NOS		1	0	1
C22 LIVER AND INTRAHEPATIC BILE DUCTS						
C22.0	Liver			162	56	218
M	8140/3	Adenocarcinoma, NOS		1	2	3
M	8170/3	Hepatocellular carcinoma, NOS		158	51	209
M	8180/3	Comloined hepatocellular CA and Cholangiocarcinoma		1	1	2
M	8440/3	Cystadenocarcinoma, NOS		0	1	1
M	8970/3	Hepatoblastoma		1	0	1
M	9120/3	Angiosarcoma		1	0	1
M	9989/3	Myelodysplastic syndrome, NOS		0	1	1
C22.1	Intrahepatic bile duct			47	44	91
M	8140/3	Adenocarcinoma, NOS		1	1	2
M	8160/3	Cholangiocarcinoma		46	43	89
C23 GALLBLADDER						
C23.9	Gallbladder			3	3	6
M	8140/3	Adenocarcinoma, NOS		2	3	5
M	8480/3	Mucinous adenocarcinoma		1	0	1
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT						
C24.0	Extrahepatic bile duct			4	4	8
M	8140/3	Adenocarcinoma, NOS		1	2	3
M	8160/3	Cholangiocarcinoma		3	2	5
C24.1	Ampulla of Vater			5	10	15
M	8010/3	Carcinoma, NOS		1	1	2
M	8140/3	Adenocarcinoma, NOS		4	8	12
M	8160/3	Cholangiocarcinoma		0	1	1
C25 PANCREAS						
C25.0	Head of pancreas			9	18	27
M	8000/3	Neoplasm, malignant		0	1	1
M	8010/3	Carcinoma, NOS		3	5	8
M	8140/3	Adenocarcinoma, NOS		4	8	12
M	8160/3	Cholangiocarcinoma		0	1	1
M	8230/3	Ductal adenocarcinoma, solid		0	1	1
M	8246/3	Neuroendocrine carcinoma, NOS		1	0	1
M	8453/3	Intraductal papillary-mucinous carcinoma, invasive		1	0	1
M	9473/3	Primitive neuroectodermal tumor, NOS		0	2	2
C25.1	Body of pancreas			1	2	3
M	8010/3	Carcinoma, NOS		0	1	1
M	8140/3	Adenocarcinoma, NOS		1	0	1
M	9473/3	Primitive neuroectodermal tumor, NOS		0	1	1
C25.2	Tail of pancreas			4	3	7
M	8010/3	Carcinoma, NOS		2	0	2
M	8140/3	Adenocarcinoma, NOS		1	3	4
M	8246/3	Neuroendocrine carcinoma, NOS		1	0	1
C25.3	Pancreatic duct			1	0	1
M	8140/3	Adenocarcinoma, NOS		1	0	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C25.4	Islets of Langerhans			1	0	1
M	9473/3	Primitive neuroectodermal tumor, NOS		1	0	1
C25.9	Pancreas, NOS			4	8	12
M	8010/3	Carcinoma, NOS		2	3	5
M	8140/3	Adenocarcinoma, NOS		2	5	7
C26 OTHER AND ILL-DEFINED DIGESTIVE ORGANS						
C26.9	Gastrointestinal tract, NOS			0	2	2
M	8140/3	Adenocarcinoma, NOS		0	2	2
C30 NASAL CAVITY AND MIDDLE EAR						
C30.0	Nasal cavity			8	8	16
M	8041/3	Small cell carcinoma, NOS		0	1	1
M	8070/3	Squamous cell carcinoma, NOS		2	0	2
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS		1	1	2
M	8430/3	Mucoepidermoid carcinoma		1	0	1
M	8720/3	Malignant melanoma, NOS		0	1	1
M	8910/3	Embryonal rhabdomyosarcoma, NOS		0	1	1
M	9521/3	Olfactory neurocytoma		0	1	1
M	9522/3	Olfactory neuroblastoma		2	2	4
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		1	0	1
M	9719/3	NK/T-cell lymphoma, nasal and nasal-type		1	1	2
C31 ACCESSORY SINUSES						
C31.0	Maxillary sinus			4	1	5
M	8070/3	Squamous cell carcinoma, NOS		2	0	2
M	8200/3	Adenoid cystic carcinoma		1	0	1
M	9260/3	Ewing tumor		0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		1	0	1
C31.1	Ethmoid sinus			1	1	2
M	8020/3	Carcinoma, undifferentiated, NOS		0	1	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C31.3	Sphenoid sinus			0	1	1
M	8200/3	Adenoid cystic carcinoma		0	1	1
C32 LARYNX						
C32.0	Glottis			11	2	13
M	8070/2	Squamous cell carcinoma in situ		0	1	1
M	8070/3	Squamous cell carcinoma, NOS		10	1	11
M	8071/3	Squamous cell carcinoma, keratinizing, NOS		1	0	1
C32.1	Supraglottis			9	1	10
M	8070/3	Squamous cell carcinoma, NOS		9	0	9
M	8083/3	Basaloid squamous cell carcinoma		0	1	1
C32.2	Subglottis			1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C32.9	Larynx, NOS			1	1	2
M	8070/3	Squamous cell carcinoma, NOS		1	1	2
C33 TRACHEA						
C33.9	Trachea			1	0	1
M	8200/3	Adenoid cystic carcinoma		1	0	1
C34 LUNG AND BRONCHUS						
C34.1	Upper lobe, lung			83	63	146
M	8010/3	Carcinoma, NOS		0	1	1
M	8013/3	Large cell neuroendocrine carcinoma		1	0	1
M	8041/3	Small cell carcinoma, NOS		4	1	5



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8046/3	Non-small cell carcinoma	41	27	68
M	8070/3	Squamous cell carcinoma, NOS	8	0	8
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	2	0	2
M	8140/3	Adenocarcinoma, NOS	27	33	60
M	8480/3	Mucinous adenocarcinoma	0	1	1
C34.2	Middle lobe, lung		8	10	18
M	8013/3	Large cell neuroendocrine carcinoma	0	1	1
M	8046/3	Non-small cell carcinoma	5	4	9
M	8140/3	Adenocarcinoma, NOS	2	4	6
M	8560/3	Adenosquamous carcinoma	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C34.3	Lower lobe, lung		61	58	119
M	8032/3	Spindle cell carcinoma, NOS	1	0	1
M	8041/3	Small cell carcinoma, NOS	3	0	3
M	8046/3	Non-small cell carcinoma	28	27	55
M	8070/3	Squamous cell carcinoma, NOS	1	1	2
M	8140/3	Adenocarcinoma, NOS	24	28	52
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8480/3	Mucinous adenocarcinoma	1	2	3
M	9050/3	Mesothelioma of pleura	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C34.8	Overl. lesion of lung		0	3	3
M	8046/3	Non-small cell carcinoma	0	2	2
M	8140/3	Adenocarcinoma, NOS	0	1	1
C34.9	Lung, NOS		39	36	75
M	8010/3	Carcinoma, NOS	1	0	1
M	8012/3	Anaplastic large cell carcinoma	1	0	1
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
M	8041/3	Small cell carcinoma, NOS	2	0	2
M	8046/3	Non-small cell carcinoma	19	22	41
M	8140/3	Adenocarcinoma, NOS	15	13	28
M	8310/3	Clear cell adenocarcinoma, NOS	1	0	1
C37 THYMUS					
C37.9	Thymus		8	8	16
M	8032/3	Spindle cell carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	2	1	3
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8581/1	Thymoma, type A, NOS	0	1	1
M	8581/3	Thymoma, type A, malignant	1	0	1
M	8582/3	Thymoma, type AB, malignant	0	1	1
M	8583/3	Thymoma, type B1, malignant	1	4	5
M	8584/1	Thymoma, type B2, NOS	1	0	1
M	8585/3	Thymoma, type B3, malignant	0	1	1
M	8586/3	Thymic carcinoma, NOS	1	0	1
C38 HEART, MEDIASTINUM AND PLEURA					
C38.0	Heart		1	2	3
M	8800/3	Sarcoma, NOS	0	1	1
M	9120/3	Angiosarcoma	1	1	2
C38.1	Anterior mediastinum		3	2	5
M	9064/3	Germ cell tumor, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9065/3	Germ cell tumor, nonseminomatous	1	0	1
M	9590/3	Malignant lymphoma, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	1	2
C38.3	Mediastinum, NOS		4	2	6
M	8850/3	Liposarcoma, NOS	1	0	1
M	9040/3	Synovial sarcoma, NOS	0	1	1
M	9064/3	Germ cell tumor, NOS	2	0	2
M	9650/3	Hodgkin lymphoma, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C38.4	Pleura, NOS		2	4	6
M	8010/3	Carcinoma, NOS	0	2	2
M	8046/3	Non-small cell carcinoma	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	9050/3	Mesothelioma of pleura	1	0	1
M	9052/3	Epithelioid mesothelioma, malignant	1	0	1
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS					
C40.0	Long bones of upper limb, scapula and associated joints		1	1	2
M	9180/3	Osteosarcoma, NOS	1	0	1
M	9260/3	Ewing tumor	0	1	1
C40.2	Long bones of lower limb and associated joints		6	1	7
M	9180/3	Osteosarcoma, NOS	6	1	7
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES					
C41.0	Bones of skull and face and associated joints		1	4	5
M	8010/3	Carcinoma, NOS	0	1	1
M	9180/3	Osteosarcoma, NOS	0	1	1
M	9240/3	Mesenchymal chondrosarcoma	0	1	1
M	9370/3	Chordoma, NOS	1	1	2
C41.1	Mandible		0	1	1
M	9540/1	Neurofibromatosis, NOS	0	1	1
C41.2	Vertebral column		1	0	1
M	8032/3	Spindle cell carcinoma, NOS	1	0	1
C41.4	Pelvic bones, sacrum, coccyx and associated joints		1	0	1
M	9370/3	Chordoma, NOS	1	0	1
C41.9	Bone, NOS		0	1	1
M	9180/3	Osteosarcoma, NOS	0	1	1
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS					
C42.1	Bone marrow		80	74	154
M	9705/3	Angioimmunoblastic T-cell lymphoma	1	0	1
M	9731/3	Plasmacytoma, NOS	1	0	1
M	9732/3	Multiple myeloma	19	15	34
M	9733/3	Plasma cell leukemia	0	1	1
M	9823/3	Chronic lymphocytic leukemia	3	3	6
M	9826/3	Acute lymphoblastic leukemia, mature, B-cell type	0	1	1
M	9835/3	Acute lymphatic leukemia	11	8	19
M	9836/3	Precursor B cell lymphoblastic leukemia	0	1	1
M	9837/3	Pre-T ALL	2	0	2
M	9861/3	Acute myelocytic leukemia	16	19	35
M	9863/3	Chronic myeloid leukemia, NOS	9	4	13
M	9866/3	Acute promyelocytic leukemia	0	1	1
M	9872/3	Acute myeloblastic leukemia	1	6	7
M	9945/3	Chronic myelomonocytic leukemia, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9946/3	Juvenile myelomonocytic leukemia	2	1	3
M	9950/3	Polycythemia vera	2	2	4
M	9960/3	Chronic myeloproliferative disease, NOS	0	1	1
M	9962/3	Essential thrombocythemia	1	1	2
M	9989/3	Myelodysplastic syndrome, NOS	11	10	21
C42.2	Spleen		1	0	1
M	9689/3	Splenic marginal zone B-cell lymphoma	1	0	1
C44 SKIN					
C44.1	Eyelid		2	8	10
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8090/3	Basal cell carcinoma, NOS	1	5	6
M	8410/3	Sebaceous carcinoma	0	2	2
M	8720/3	Malignant melanoma, NOS	1	0	1
C44.2	External ear		6	7	13
M	8070/3	Squamous cell carcinoma, NOS	4	7	11
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
M	8090/3	Basal cell carcinoma, NOS	1	0	1
C44.3	Skin, other and unspecified parts of face		11	15	26
M	8070/3	Squamous cell carcinoma, NOS	2	3	5
M	8090/3	Basal cell carcinoma, NOS	7	11	18
M	8720/3	Malignant melanoma, NOS	0	1	1
M	8832/3	Dermatofibrosarcoma, NOS	1	0	1
M	9751/1	Langerhans cell histiocytosis, NOS	1	0	1
C44.4	Skin of scalp and neck		2	2	4
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8090/3	Basal cell carcinoma, NOS	1	2	3
C44.5	Skin of trunk		8	3	11
M	8041/3	Small cell carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8090/3	Basal cell carcinoma, NOS	2	0	2
M	8542/3	Paget disease extra mammary	2	0	2
M	8720/3	Malignant melanoma, NOS	2	1	3
M	8832/3	Dermatofibrosarcoma, NOS	1	0	1
M	8890/3	Leiomyosarcoma, NOS	0	1	1
C44.6	Skin of upper limb and shoulder		5	4	9
M	8070/3	Squamous cell carcinoma, NOS	2	1	3
M	8090/3	Basal cell carcinoma, NOS	0	2	2
M	8720/3	Malignant melanoma, NOS	1	0	1
M	8832/3	Dermatofibrosarcoma, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M	9702/3	Mature T-cell lymphoma, NOS	1	0	1
C44.7	Skin of lower limb and hip		5	8	13
M	8051/3	Verrucous carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	0	3	3
M	8720/3	Malignant melanoma, NOS	4	1	5
M	8744/3	Acral lentiginous melanoma	0	1	1
M	8745/3	Desmoplastic melanoma, malignant	0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M	9708/3	Subcutaneous panniculitis-like T-cell lymphoma	0	1	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C44.9	Skin, NOS			1	2	3
M	8090/3	Basal cell carcinoma, NOS		0	1	1
M	9700/3	Mycosis fungoides		0	1	1
M	9709/3	Cutaneous T-cell lymphoma, NOS		1	0	1
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM						
C47.1	Per. nerves & A.N.S. of upper limb and shoulder			1	0	1
M	9540/3	Malignant peripheral nerve sheath tumor		1	0	1
C48 RETROPERITONEUM AND PERITONEUM						
C48.0	Retroperitoneum			5	1	6
M	8032/3	Spindle cell carcinoma, NOS		0	1	1
M	8800/3	Sarcoma, NOS		1	0	1
M	8850/3	Liposarcoma, NOS		2	0	2
M	8858/3	Dedifferentiated liposarcoma		1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS		1	0	1
C48.2	Peritoneum, NOS			0	4	4
M	8010/3	Carcinoma, NOS		0	1	1
M	8441/3	Serous carcinoma, NOS		0	2	2
M	9364/3	PPNET		0	1	1
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES						
C49.0	Connec., subcut. and other soft tissues of head, face, and neck			2	3	5
M	8810/3	Fibrosarcoma, NOS		0	1	1
M	8821/1	Desmoid-type fibromatosis		1	0	1
M	8854/3	Pleomorphic liposarcoma		1	0	1
M	8900/3	Rhabdosarcoma		0	1	1
M	9180/3	Osteosarcoma, NOS		0	1	1
C49.1	Connec., subcut. and other soft tissues of upper limb and shoulder			4	4	8
M	8032/3	Spindle cell carcinoma, NOS		1	0	1
M	8720/3	Malignant melanoma, NOS		0	1	1
M	8800/3	Sarcoma, NOS		1	2	3
M	8801/3	Spindle cell sarcoma		1	0	1
M	8811/3	Myxofibrosarcoma		1	0	1
M	9044/3	Clear cell sarcoma		0	1	1
C49.2	Connec., subcut. and other soft tissues of lower limb and hip			4	8	12
M	8720/3	Malignant melanoma, NOS		1	0	1
M	8800/3	Sarcoma, NOS		0	2	2
M	8801/3	Spindle cell sarcoma		0	2	2
M	8803/3	Round cell sarcoma		1	0	1
M	8810/3	Fibrosarcoma, NOS		1	0	1
M	8811/3	Myxofibrosarcoma		0	1	1
M	8830/3	Malignant fibrous histiocytoma		0	3	3
M	9180/3	Osteosarcoma, NOS		1	0	1
C49.3	Connec., subcut. and other soft tissues of thorax			2	5	7
M	8801/3	Spindle cell sarcoma		1	2	3
M	8830/3	Malignant fibrous histiocytoma		0	2	2
M	9251/1	Giant cell tumor of soft tissues		0	1	1
M	9687/3	Burkitt lymphoma, NOS		1	0	1
C49.4	Connective, subcutaneous and other soft tissues of abdomen			0	1	1
M	8890/3	Leiomyosarcoma, NOS		0	1	1
C49.5	Connec., subcut. and other soft tissues of pelvis			0	2	2
M	8811/3	Myxofibrosarcoma		0	1	1
M	8890/3	Leiomyosarcoma, NOS		0	1	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C49.6	Connective, subcutaneous and other soft tissues of trunk, NOS			0	1	1
M	8852/3	Myxoid liposarcoma		0	1	1
C50 BREAST						
C50.0	Nipple			0	25	25
M	8050/2	Papillary carcinoma in situ		0	1	1
M	8140/3	Adenocarcinoma, NOS		0	1	1
M	8500/2	Ductal carcinoma in situ		0	2	2
M	8500/3	Infiltrating duct carcinoma, NOS		0	19	19
M	8503/2	Ductal carcinoma in situ, papillary		0	1	1
M	8540/3	Paget disease and infiltrating duct carcinoma of breast		0	1	1
C50.1	Central portion of breast			1	45	46
M	8050/2	Papillary carcinoma in situ		0	1	1
M	8500/2	Ductal carcinoma in situ		0	5	5
M	8500/3	Infiltrating duct carcinoma, NOS		1	34	35
M	8503/3	Invasive papillary carcinoma		0	2	2
M	8520/3	Invasive lobular carcinoma		0	2	2
M	8522/3	Infiltrating duct and lobular carcinoma		0	1	1
C50.2	Upper-inner quadrant of breast			0	87	87
M	8480/3	Mucinous adenocarcinoma		0	1	1
M	8500/2	Ductal carcinoma in situ		0	5	5
M	8500/3	Infiltrating duct carcinoma, NOS		0	74	74
M	8503/2	Ductal carcinoma in situ, papillary		0	1	1
M	8507/3	Invasive micropapillary carcinoma		0	1	1
M	8520/3	Invasive lobular carcinoma		0	4	4
M	9020/3	Phyllodes tumor, malignant		0	1	1
C50.3	Lower-inner quadrant of breast			0	23	23
M	8500/2	Ductal carcinoma in situ		0	5	5
M	8500/3	Infiltrating duct carcinoma, NOS		0	16	16
M	8503/2	Ductal carcinoma in situ, papillary		0	1	1
M	8503/3	Invasive papillary carcinoma		0	1	1
C50.4	Upper-outer quadrant of breast			0	251	251
M	8211/3	Tubular adenocarcinoma		0	1	1
M	8480/3	Mucinous adenocarcinoma		0	3	3
M	8500/2	Ductal carcinoma in situ		0	23	23
M	8500/3	Infiltrating duct carcinoma, NOS		0	217	217
M	8503/3	Invasive papillary carcinoma		0	2	2
M	8507/3	Invasive micropapillary carcinoma		0	1	1
M	8510/3	Medullary carcinoma, NOS		0	1	1
M	8520/3	Invasive lobular carcinoma		0	2	2
M	9020/3	Phyllodes tumor, malignant		0	1	1
C50.5	Lower-outer quadrant of breast			0	41	41
M	8500/2	Ductal carcinoma in situ		0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS		0	39	39
M	8503/3	Invasive papillary carcinoma		0	1	1
C50.6	Axillary tail of breast			0	9	9
M	8140/3	Adenocarcinoma, NOS		0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS		0	6	6
M	9650/3	Hodgkin lymphoma, NOS		0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		0	1	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C50.8	Overl. lesion of breast			0	28	28
M	8480/3	Mucinous adenocarcinoma		0	2	2
M	8500/2	Ductal carcinoma in situ		0	3	3
M	8500/3	Infiltrating duct carcinoma, NOS		0	22	22
M	9020/3	Phyllodes tumor, malignant		0	1	1
C50.9	Breast, NOS			0	163	163
M	8010/3	Carcinoma, NOS		0	3	3
M	8140/3	Adenocarcinoma, NOS		0	2	2
M	8480/3	Mucinous adenocarcinoma		0	3	3
M	8500/2	Ductal carcinoma in situ		0	12	12
M	8500/3	Infiltrating duct carcinoma, NOS		0	135	135
M	8503/2	Ductal carcinoma in situ, papillary		0	2	2
M	8503/3	Invasive papillary carcinoma		0	1	1
M	8507/3	Invasive micropapillary carcinoma		0	1	1
M	8520/2	Lobular carcinoma in situ, NOS		0	1	1
M	8520/3	Invasive lobular carcinoma		0	2	2
M	9020/3	Phyllodes tumor, malignant		0	1	1
C51 VULVA						
C51.9	Vulva, NOS			0	5	5
M	8070/3	Squamous cell carcinoma, NOS		0	3	3
M	8090/3	Basal cell carcinoma, NOS		0	1	1
M	8542/3	Paget disease extra mammary		0	1	1
C52 VAGINA						
C52.9	Vagina, NOS			0	5	5
M	8010/3	Carcinoma, NOS		0	1	1
M	8041/3	Small cell carcinoma, NOS		0	1	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS		0	1	1
M	8310/3	Clear cell adenocarcinoma, NOS		0	1	1
M	8720/3	Malignant melanoma, NOS		0	1	1
C53 CERVIX UTERI						
C53.0	Endocervix			0	14	14
M	8070/3	Squamous cell carcinoma, NOS		0	1	1
M	8140/2	Adenocarcinoma in situ		0	1	1
M	8140/3	Adenocarcinoma, NOS		0	12	12
C53.1	Exocervix			0	68	68
M	8070/3	Squamous cell carcinoma, NOS		0	28	28
M	8071/3	Squamous cell carcinoma, keratinizing, NOS		0	5	5
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS		0	28	28
M	8076/3	Squamous cell carcinoma, microinvasive		0	4	4
M	8084/3	Squamous cell carcinoma, clear cell		0	1	1
M	8170/3	Hepatocellular carcinoma, NOS		0	1	1
M	8560/3	Adenosquamous carcinoma		0	1	1
C53.9	Cervix uteri			0	7	7
M	8010/3	Carcinoma, NOS		0	2	2
M	8077/2	CIN III, NOS		0	1	1
M	8260/3	Papillary adenocarcinoma, NOS		0	1	1
M	8380/3	Endometrioid carcinoma, NOS		0	1	1
M	8560/3	Adenosquamous carcinoma		0	1	1
M	8980/3	Carcinosarcoma, NOS		0	1	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C54 CORPUS UTERI						
C54.1	Endometrium			0	113	113
M	8010/3	Carcinoma, NOS		0	2	2
M	8020/3	Carcinoma, undifferentiated, NOS		0	1	1
M	8041/3	Small cell carcinoma, NOS		0	1	1
M	8140/3	Adenocarcinoma, NOS		0	12	12
M	8310/3	Clear cell adenocarcinoma, NOS		0	1	1
M	8380/3	Endometrioid carcinoma, NOS		0	83	83
M	8441/3	Serous carcinoma, 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
C54.9	Corpus uteri			0	1	1
M	8380/3	Endometrioid carcinoma, NOS		0	1	1
C56 OVARY						
C56.9	Ovary			0	91	91
M	8010/3	Carcinoma, NOS		0	5	5
M	8070/3	Squamous cell carcinoma, NOS		0	1	1
M	8077/2	CIN III, NOS		0	1	1
M	8140/3	Adenocarcinoma, NOS		0	11	11
M	8310/3	Clear cell adenocarcinoma, NOS		0	25	25
M	8313/1	Clear cell adenofibroma of borderline malignancy		0	1	1
M	8380/3	Endometrioid carcinoma, NOS		0	8	8
M	8440/3	Cystadenocarcinoma, NOS		0	1	1
M	8441/3	Serous carcinoma, NOS		0	20	20
M	8442/1	Serous cystadenoma, borderline malignancy		0	1	1
M	8460/3	Micropapillary serous carcinoma		0	2	2
M	8470/3	Mucinous cystadenocarcinoma, NOS		0	1	1
M	8480/3	Mucinous adenocarcinoma		0	4	4
M	8980/3	Carcinosarcoma, NOS		0	1	1
M	9050/3	Mesothelioma of pleura		0	1	1
M	9052/3	Epithelioid mesothelioma, malignant		0	1	1
M	9060/3	Dysgerminoma		0	3	3
M	9080/3	Teratoma, malignant, NOS		0	3	3
M	9085/3	Mixed germ cell tumor		0	1	1
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS						
C57.0	Fallopian tube			0	2	2
M	8441/3	Serous carcinoma, NOS		0	2	2
C60 PENIS						
C60.1	Glans penis			2	0	2
M	8070/3	Squamous cell carcinoma, NOS		2	0	2
C60.9	Penis, NOS			6	0	6
M	8070/3	Squamous cell carcinoma, NOS		5	0	5
M	8720/3	Malignant melanoma, NOS		1	0	1
C61 PROSTATE GLAND						
C61.9	Prostate gland			234	0	234
M	8140/3	Adenocarcinoma, NOS		233	0	233
M	8550/3	Acinar cell carcinoma		1	0	1
C62 TESTIS						
C62.9	Testis, NOS			6	0	6



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9061/3	Seminoma, NOS	2	0	2
M	9064/3	Germ cell tumor, NOS	2	0	2
M	9085/3	Mixed germ cell tumor	1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C64 KIDNEY					
C64.9	Kidney		41	24	65
M	8120/3	Transition cell carcinoma, NOS	1	2	3
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8310/3	Clear cell adenocarcinoma, NOS	2	0	2
M	8312/3	Renal cell carcinoma, NOS	36	19	55
M	8319/3	Coilecting duct carcinoma	0	1	1
M	8960/3	Wilms tumor	2	1	3
C65 RENAL PELVIS					
C65.9	Renal pelvis		5	3	8
M	8120/3	Transition cell carcinoma, NOS	4	3	7
M	8800/3	Sarcoma, NOS	1	0	1
C66 URETER					
C66.9	Ureter		3	4	7
M	8120/3	Transition cell carcinoma, NOS	2	3	5
M	8130/3	Papillary transitional cell carcinoma	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C67 URINARY BLADDER					
C67.0	Trigone of urinary bladder		0	1	1
M	8120/3	Transition cell carcinoma, NOS	0	1	1
C67.1	Dome of urinary bladder		1	0	1
M	8120/3	Transition cell carcinoma, NOS	1	0	1
C67.2	Lateral wall of urinary bladder		2	2	4
M	8120/3	Transition cell carcinoma, NOS	2	2	4
C67.3	Anterior wall of urinary bladder		1	0	1
M	8120/3	Transition cell carcinoma, NOS	1	0	1
C67.4	Posterior wall of urinary bladder		1	1	2
M	8120/3	Transition cell carcinoma, NOS	0	1	1
M	8130/3	Papillary transitional cell carcinoma	1	0	1
C67.5	Bladder neck		3	1	4
M	8120/3	Transition cell carcinoma, NOS	3	1	4
C67.7	Urachus		1	0	1
M	8140/3	Adenocarcinoma, NOS	1	0	1
C67.8	Overl. lesion of bladder		1	1	2
M	8120/3	Transition cell carcinoma, NOS	1	1	2
C67.9	Bladder, NOS		60	13	73
M	8000/3	Neoplasm, malignant	1	0	1
M	8010/3	Carcinoma, NOS	1	0	1
M	8120/3	Transition cell carcinoma, NOS	49	10	59
M	8130/1	Papillary transitional cell carcinoma of low malignant potential	0	1	1
M	8130/2	Non-invasive papillary urothelial carcinoma, high grade	0	1	1
M	8130/3	Papillary transitional cell carcinoma	8	1	9
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C68 OTHER AND UNSPECIFIED URINARY ORGANS					
C68.0	Urethra		0	1	1
M	8130/3	Papillary transitional cell carcinoma	0	1	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C69 EYE AND ADNEXA						
C69.0	Conjunctiva			1	2	3
M	8070/3	Squamous cell carcinoma, NOS		0	1	1
M	8140/3	Adenocarcinoma, NOS		0	1	1
M	8720/3	Malignant melanoma, NOS		1	0	1
C69.2	Retina			6	5	11
M	9510/3	Retinoblastoma, NOS		6	5	11
C69.3	Choroid			7	11	18
M	8720/3	Malignant melanoma, NOS		7	11	18
C69.4	Eyeball			1	1	2
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS		1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		0	1	1
C69.5	Lacrimal gland, NOS			1	3	4
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
M	8140/3	Adenocarcinoma, NOS		0	1	1
M	8200/3	Adenoid cystic carcinoma		0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS		0	1	1
C69.6	Orbit, NOS			0	3	3
M	8720/3	Malignant melanoma, NOS		0	1	1
M	9510/3	Retinoblastoma, NOS		0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		0	1	1
C70 MENINGES						
C70.0	Cerebral meninges			0	1	1
M	9530/3	Meningioma, malignant		0	1	1
C71 BRAIN						
C71.0	Cerebrum			2	4	6
M	9064/3	Germ cell tumor, NOS		1	0	1
M	9380/3	Glioma, malignant		0	2	2
M	9391/3	Ependymoma, NOS		1	0	1
M	9440/3	Glioblastoma, NOS		0	1	1
M	9590/3	Malignant lymphoma, NOS		0	1	1
C71.1	Frontal lobe			10	18	28
M	8720/3	Malignant melanoma, NOS		0	1	1
M	9064/3	Germ cell tumor, NOS		1	0	1
M	9380/3	Glioma, malignant		1	2	3
M	9391/3	Ependymoma, NOS		1	1	2
M	9400/3	Diffuse astrocytoma		1	2	3
M	9401/3	Anaplastic astrocytoma		0	2	2
M	9420/3	Fibrillary Astrocytoma		1	0	1
M	9440/3	Glioblastoma, NOS		3	5	8
M	9450/3	Oligodendroglioma, NOS		1	0	1
M	9451/3	Anaplastic oligodendroglioma		0	1	1
M	9530/0	Meningioma, NOS		0	1	1
M	9539/1	Atypical meningioma		0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS		1	1	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		0	1	1
C71.2	Temporal lobe			2	6	8
M	9381/3	Gliomatosis cerebri		0	1	1
M	9392/3	Ependymoma, anaplastic WHO gr.3		0	1	1
M	9401/3	Anaplastic astrocytoma		1	0	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9440/3	Glioblastoma, NOS	0	3	3
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
M	9734/3	Plasmacytoma, extramedullary	0	1	1
C71.3	Parietal lobe		3	5	8
M	9380/3	Glioma, malignant	1	1	2
M	9392/3	Ependymoma, anaplastic WHO gr.3	0	1	1
M	9401/3	Anaplastic astrocytoma	1	0	1
M	9440/3	Glioblastoma, NOS	1	1	2
M	9451/3	Anaplastic oligodendroglioma	0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
C71.4	Occipital lobe		1	1	2
M	9440/3	Glioblastoma, NOS	1	1	2
C71.6	Cerebellum, NOS		3	3	6
M	9391/3	Ependymoma, NOS	0	1	1
M	9400/3	Diffuse astrocytoma	1	0	1
M	9470/3	Medulloblastoma, NOS	2	1	3
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
C71.7	Brain stem		3	2	5
M	9370/3	Chordoma, NOS	0	1	1
M	9380/3	Glioma, malignant	1	1	2
M	9382/3	Mixed glioma	2	0	2
C71.8	Overl. lesion of brain		1	1	2
M	9380/3	Glioma, malignant	1	0	1
M	9401/3	Anaplastic astrocytoma	0	1	1
C71.9	Brain, NOS		5	4	9
M	9064/3	Germ cell tumor, NOS	1	1	2
M	9350/1	Craniopharyngioma	1	0	1
M	9380/3	Glioma, malignant	1	1	2
M	9400/3	Diffuse astrocytoma	0	1	1
M	9401/3	Anaplastic astrocytoma	1	0	1
M	9440/3	Glioblastoma, NOS	0	1	1
M	9470/3	Medulloblastoma, NOS	1	0	1
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM					
C72.0	Spinal cord		3	4	7
M	9064/3	Germ cell tumor, NOS	0	1	1
M	9391/3	Ependymoma, NOS	2	1	3
M	9401/3	Anaplastic astrocytoma	0	1	1
M	9421/1	Pilocytic astrocytoma	1	0	1
M	9440/3	Glioblastoma, NOS	0	1	1
C72.3	Optic nerve		2	2	4
M	9380/3	Glioma, malignant	2	0	2
M	9530/0	Meningioma, NOS	0	1	1
M	9530/3	Meningioma, malignant	0	1	1
C72.9	Nervous system, NOS		5	6	11
M	9391/3	Ependymoma, NOS	1	0	1
M	9500/3	Neuroblastoma, NOS	0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M	9650/3	Hodgkin lymphoma, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	3	3	6
M	9860/3	Myeloid leukemia, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C73 THYROID GLAND						
C73.9	Thyroid gland			40	222	262
M	8010/3	Carcinoma, NOS		1	1	2
M	8021/3	Carcinoma, anaplastic, NOS		0	2	2
M	8260/3	Papillary adenocarcinoma, NOS		35	177	212
M	8330/3	Follicular carcinoma, NOS		2	9	11
M	8340/3	Papillary carcinoma, follicular variant		0	14	14
M	8341/3	Papillary microcarcinoma		2	18	20
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		0	1	1
C74 ADRENAL GLAND						
C74.0	Cortex of adrenal gland			0	1	1
M	8370/3	Adrenal cortical adenocarcinoma		0	1	1
C74.9	Adrenal gland, NOS			2	7	9
M	8370/3	Adrenal cortical adenocarcinoma		0	3	3
M	9500/3	Neuroblastoma, NOS		2	4	6
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES						
C75.0	Parathyroid gland			1	0	1
M	8010/3	Carcinoma, NOS		1	0	1
C75.1	Pituitary gland			1	0	1
M	9064/3	Germ cell tumor, NOS		1	0	1
C75.2	Craniopharyngeal duct			1	0	1
M	9350/1	Craniopharyngioma		1	0	1
C75.3	Pineal gland			3	1	4
M	9061/3	Seminoma, NOS		0	1	1
M	9064/3	Germ cell tumor, NOS		3	0	3
C76 OTHER AND ILL-DEFINED SITES						
C76.2	Abdomen, NOS			1	0	1
M	9473/3	Primitive neuroectodermal tumor, NOS		1	0	1
C76.3	Pelvis, NOS			1	1	2
M	8140/3	Adenocarcinoma, NOS		0	1	1
M	9064/3	Germ cell tumor, NOS		1	0	1
C76.4	Upper limb, NOS			1	0	1
M	8070/3	Squamous cell carcinoma, NOS		1	0	1
C77 LYMPH NODES						
C77.0	Lymph nodes of head, face and neck			23	23	46
M	8070/3	Squamous cell carcinoma, NOS		0	1	1
M	9590/3	Malignant lymphoma, NOS		0	2	2
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS		4	2	6
M	9650/3	Hodgkin lymphoma, NOS		1	4	5
M	9653/3	Hodgkin lymphoma, lymphocyte depletion, NOS		1	0	1
M	9663/3	Hodgkin lymphoma, nodular sclerosis, NOS		2	0	2
M	9670/3	Malignant lymphoma, small B lymphocytic, NOS		1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS		10	11	21
M	9690/3	Follicular lymphoma, NOS		1	0	1
M	9695/3	Follicular lymphoma Grade I		2	0	2
M	9698/3	Follicular Lymphoma grade III		0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS		1	0	1
M	9705/3	Angioimmunoblastic T-cell lymphoma		0	1	1
M	9719/3	NK/T-cell lymphoma, nasal and nasal-type		0	1	1



ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C77.1	Intrathoracic lymph nodes		4	0	4
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	3	0	3
M	9729/3	Precursor T-cell lymphoblastic lymphoma	1	0	1
C77.2	Intra-abdominal lymph nodes		8	9	17
M	8246/3	Neuroendocrine carcinoma, NOS	0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	2	2
M	9673/3	Mantle cell lymphoma	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	6	2	8
M	9687/3	Burkitt lymphoma, NOS	1	2	3
M	9690/3	Follicular lymphoma, NOS	0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	0	1	1
C77.3	Lymph nodes of axilla or arm		5	5	10
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	1	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	2	2	4
M	9690/3	Follicular lymphoma, NOS	1	0	1
M	9695/3	Follicular lymphoma Grade I	0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	0	1	1
M	9714/3	Anaplastic large cell lymphoma, T cell and Null cell type	1	0	1
C77.4	Lymph nodes, inguinal region or leg		2	3	5
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	3	3
M	9714/3	Anaplastic large cell lymphoma, T cell and Null cell type	1	0	1
C77.9	Lymph node, NOS		17	16	33
M	9590/3	Malignant lymphoma, NOS	1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	4	5	9
M	9650/3	Hodgkin lymphoma, NOS	1	1	2
M	9671/3	Malignant lymphoma, lymphoplasmacytic	1	0	1
M	9673/3	Mantle cell lymphoma	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	4	6	10
M	9687/3	Burkitt lymphoma, NOS	1	1	2
M	9690/3	Follicular lymphoma, NOS	0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	1	0	1
M	9702/3	Mature T-cell lymphoma, NOS	1	0	1
M	9705/3	Angioimmunoblastic T-cell lymphoma	1	0	1
M	9709/3	Cutaneous T-cell lymphoma, NOS	0	1	1
M	9714/3	Anaplastic large cell lymphoma, T cell and Null cell type	1	0	1
M	9860/3	Myeloid leukemia, NOS	0	1	1
C80 UNKNOWN PRIMARY SITE					
C80.9	Unknown primary site		6	4	10
M	8010/3	Carcinoma, NOS	2	1	3
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	3	2	5
M	8246/3	Neuroendocrine carcinoma, NOS	0	1	1



CHAPTER V

THE MOST COMMON CANCER SITES

BREAST

LUNG AND BRONCHUS

CERVIX UTERI

LIVER AND INTRAHEPATIC BILE DUCTS

COLORECTAL

HEMATOPOIETIC AND RETICULOENDOTHELIAL

CHILDHOOD CANCER

BREAST

Table 5.1 Age and gender of breast cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	55.4 (12.7)
Median and range age at diagnosis	55 (18:90)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	1 (0.1%)
Female	672(99.9%)
Sex ratio (male: female)	0.00:1

Table 5.2 Most valid method of diagnosis for breast cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Cytology or Hematology	0	0.0	1	0.1	1	0.1
Histology or metastasis	0	0.0	2	0.3	2	0.3
Histology of primary	1	100.0	669	99.6	670	99.6
Total	1	100.0	672	100.0	673	100.0

Figure 5.1 Age at diagnosis of breast cancer, 2017, by sex.





Figure 5.2 Distribution of staging for breast cancer.

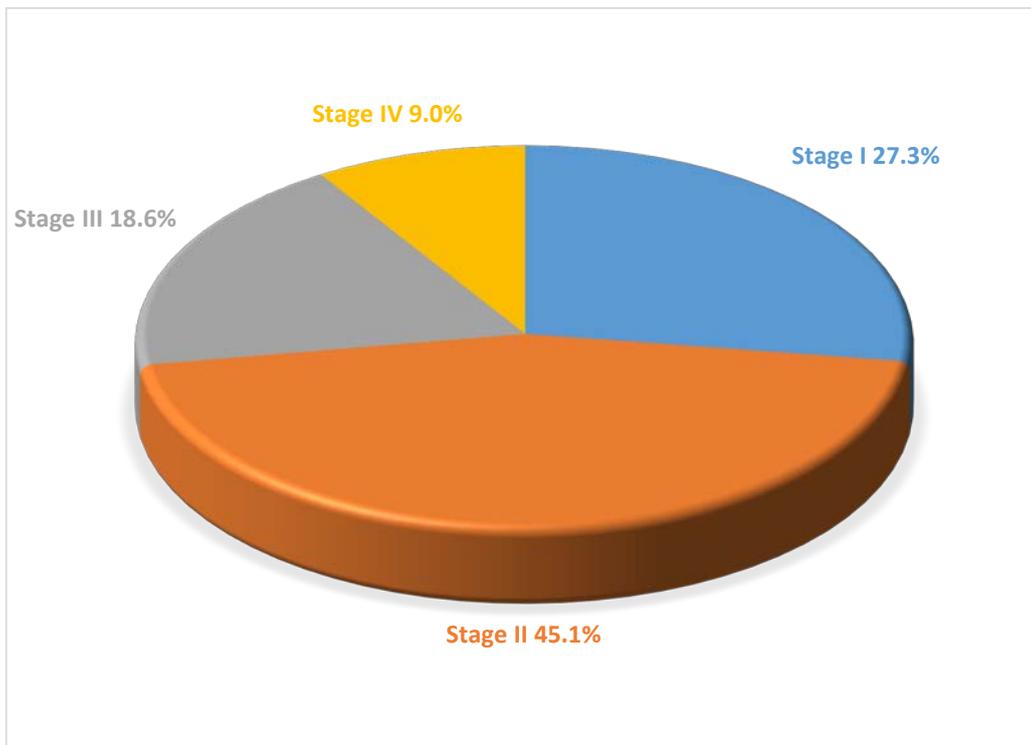
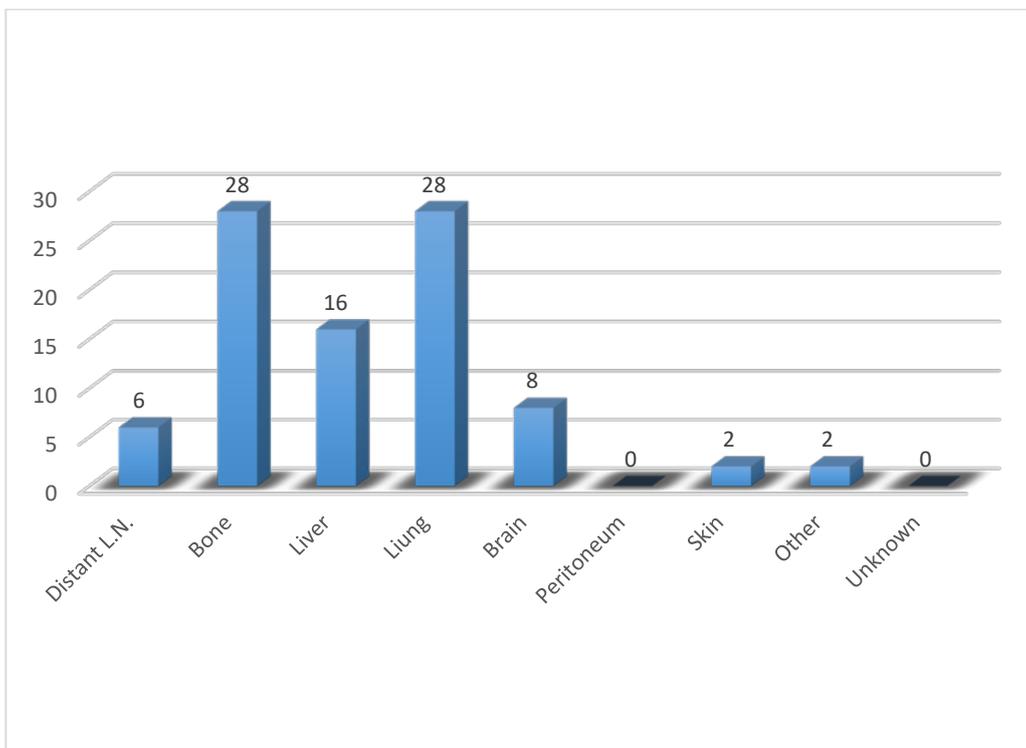


Figure 5.3 Distribution of metastasis for breast cancer (50 cases)



LUNG AND BRONCHUS

Table 5.3 Age and gender of lung cancer, by sex

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	64.3 (11.1)
Median and range age at diagnosis	65 (23:89)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	191 (52.9 %)
Female	170 (47.1%)
Sex ratio (male: female)	1.12:1

Table 5.4 Most valid method of diagnosis for lung cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical investigation/imaging	1	0.5	3	1.8	4	1.1
Cytology or Hematology	2	1.0	0	0.0	2	0.6
Histology or metastasis	0	0.0	1	0.6	1	0.3
Histology of primary	188	98.4	166	97.6	354	98.1
Total	191	100.0	170	100.0	361	100.0

Figure 5.4 Age at diagnosis of lung cancer, 2017, by sex.

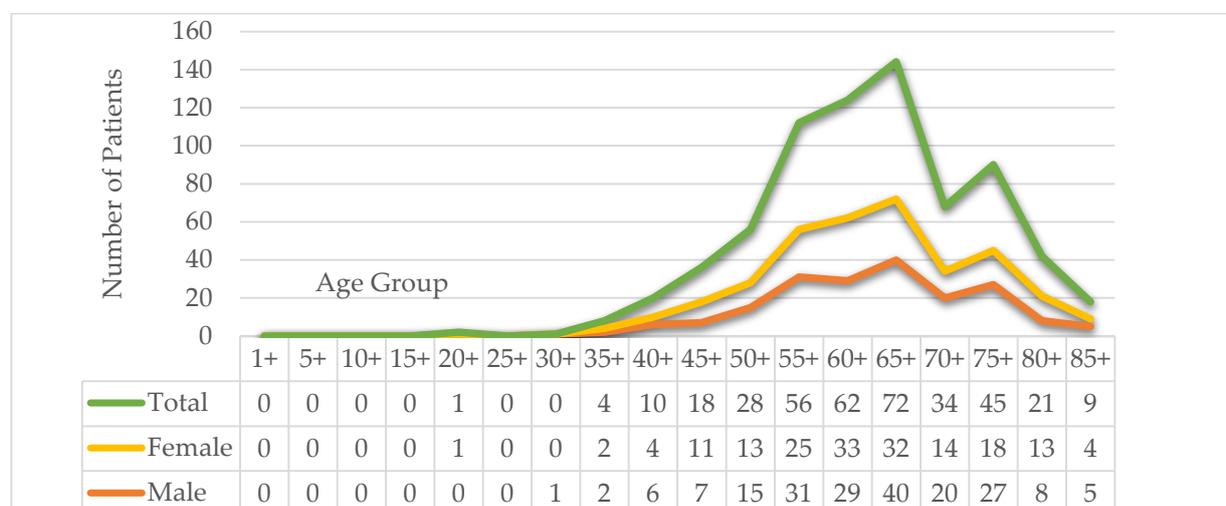




Figure 5.5 Distribution of staging for lung cancer.

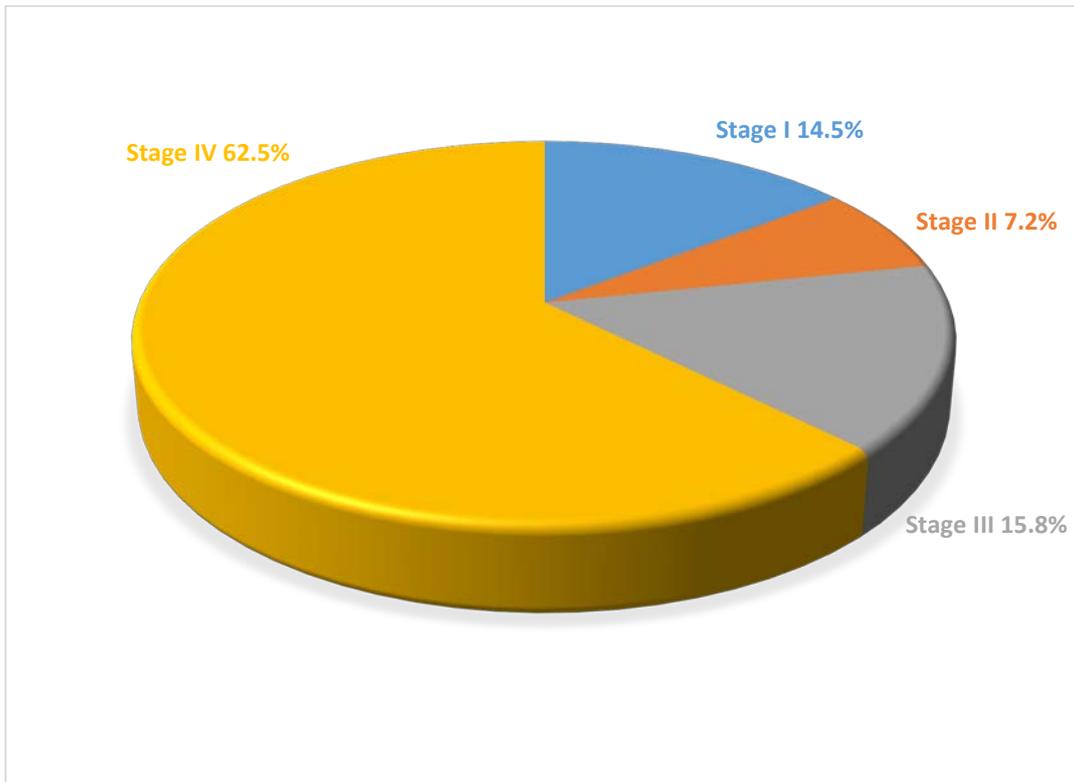
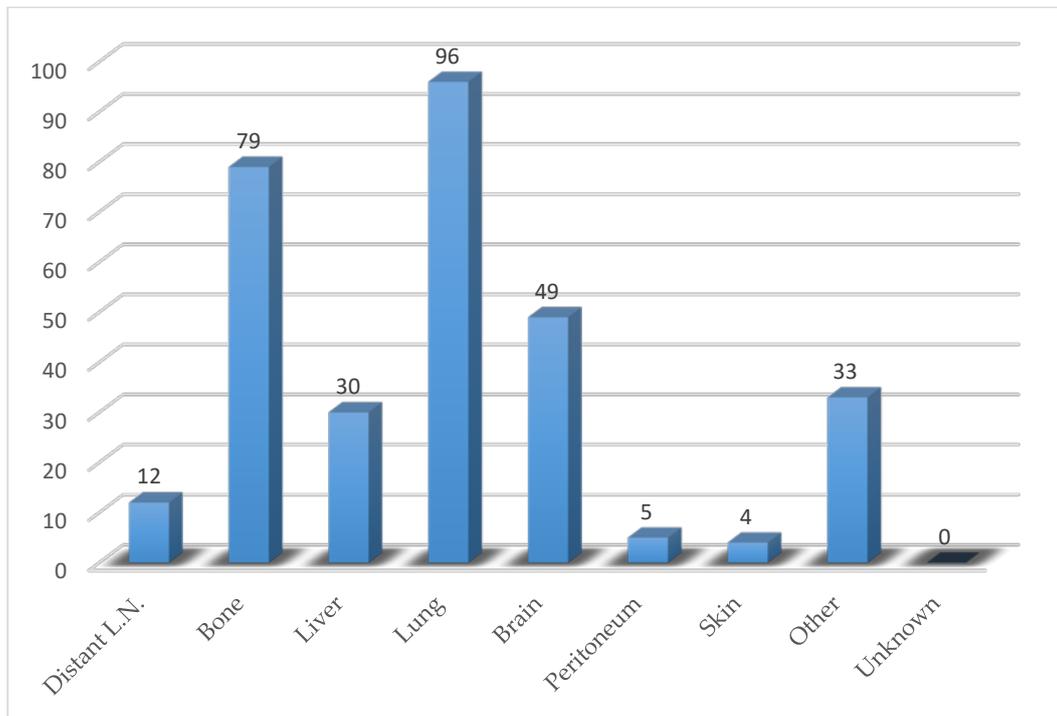


Figure 5.6 Distribution of metastasis for lung cancer (190 cases)



CERVIX UTERI

Table 5.5 Age and gender of cervix uteri cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	54.4 (14.3)
Median and range age at diagnosis	53 (29:86)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	0 (0.0%)
Female	89(100.0%)
Sex ratio (male: female)	0.00:1

Table 5.6 Most valid method of diagnosis for cervix uteri cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	0	0.0	89	100.0	89	100.0
Total	0	0.0	89	100.0	89	100.0

Figure 5.7 Age at diagnosis of cervix uteri cancer, 2017, by sex.

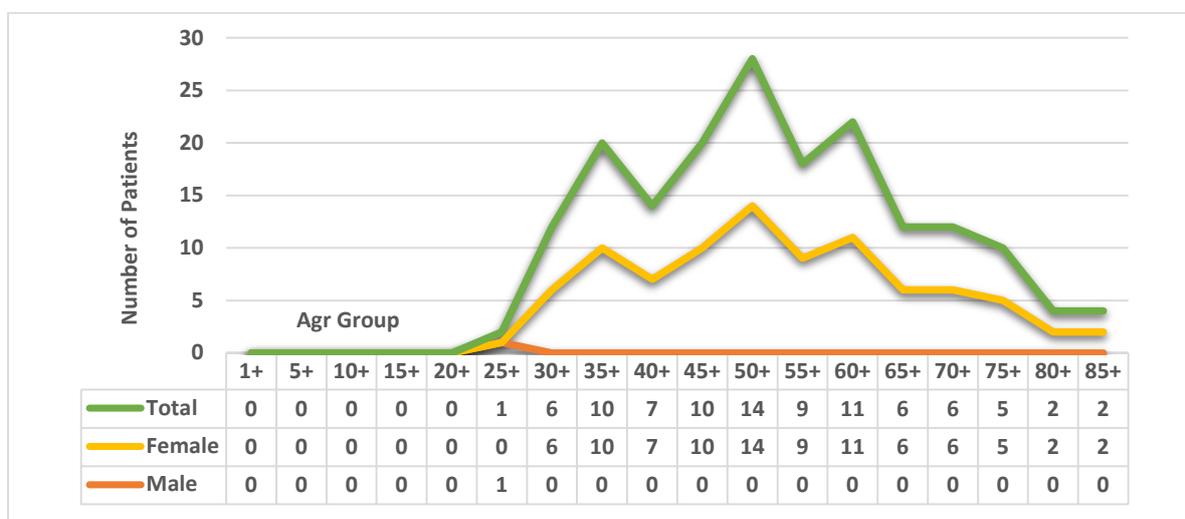




Figure 5.8 Distribution of staging for cervix uteri cancer.

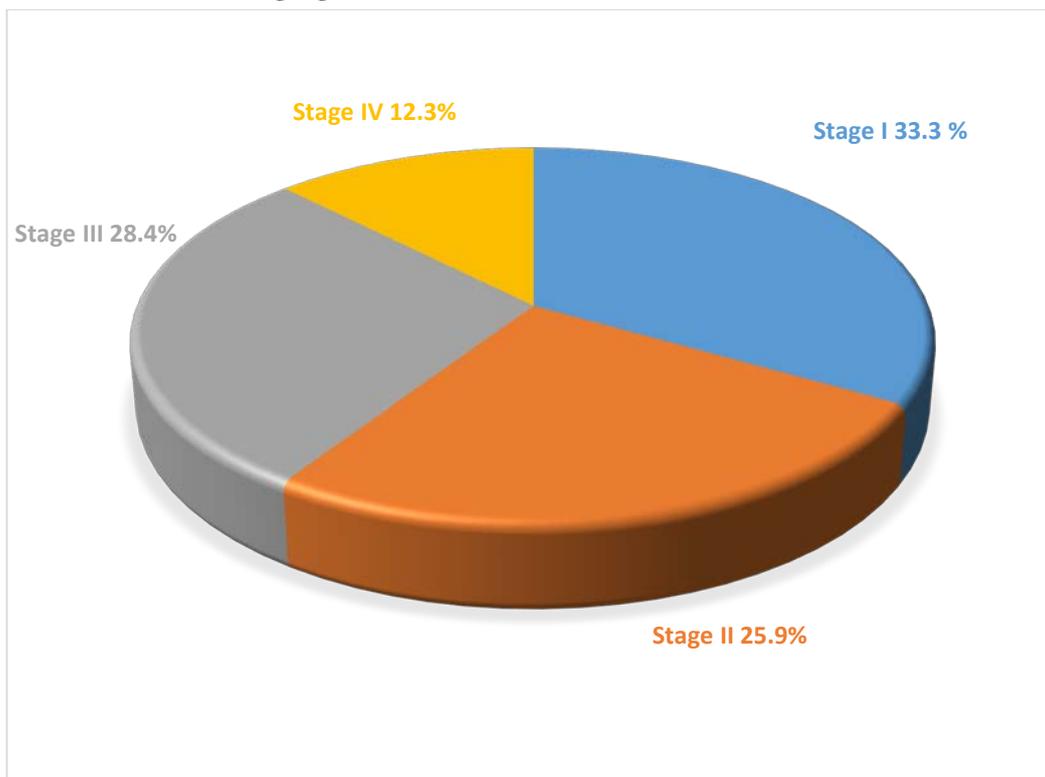
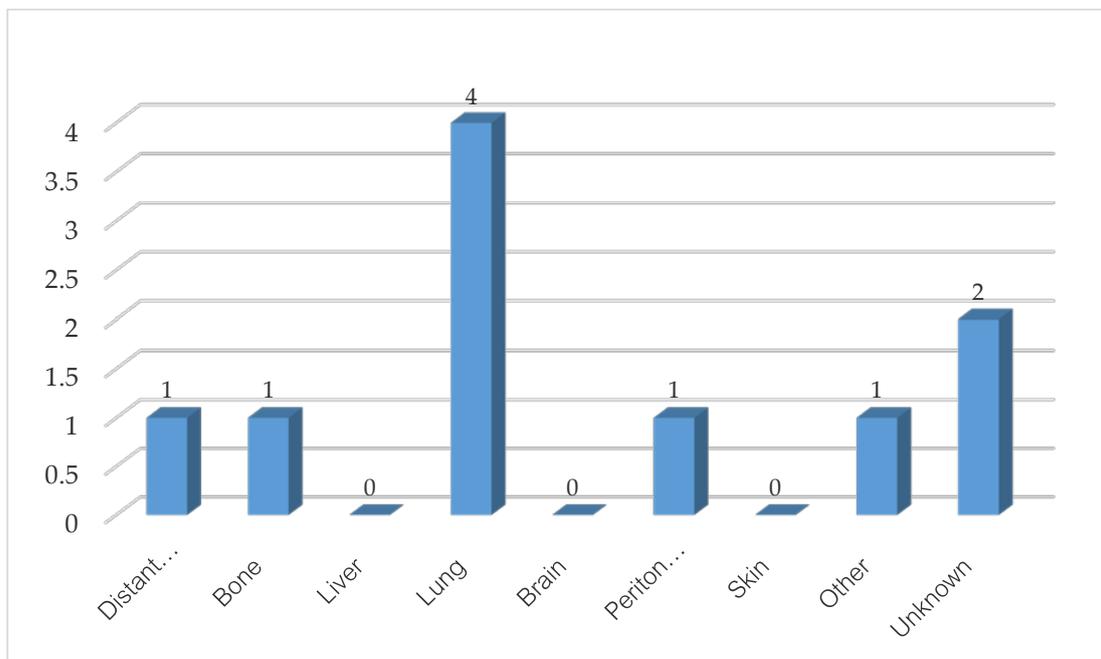


Figure 5.9 Distribution of metastasis for cervix uteri cancer (10 cases)



LIVER AND INTRAHEPATIC BILE DUCTS

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

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	62.2 (11.7)
Median and range age at diagnosis	63.0 (1:88)
% of the patient is lower than 15 year of age at diagnosis	0.3%
Gender	
Male	209 (67.6%)
Female	100 (32.4%)
Sex ratio (male: female)	2.09:1

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

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Cytology or Hematology	25	12.0	6	6.0	31	10.0
Histology of primary	184	88.0	94	94.0	278	90.0
Total	209	100.0	100	100.0	309	100.0

Figure 5.10 Age at diagnosis of Liver and bile duct cancer, 2017 by sex

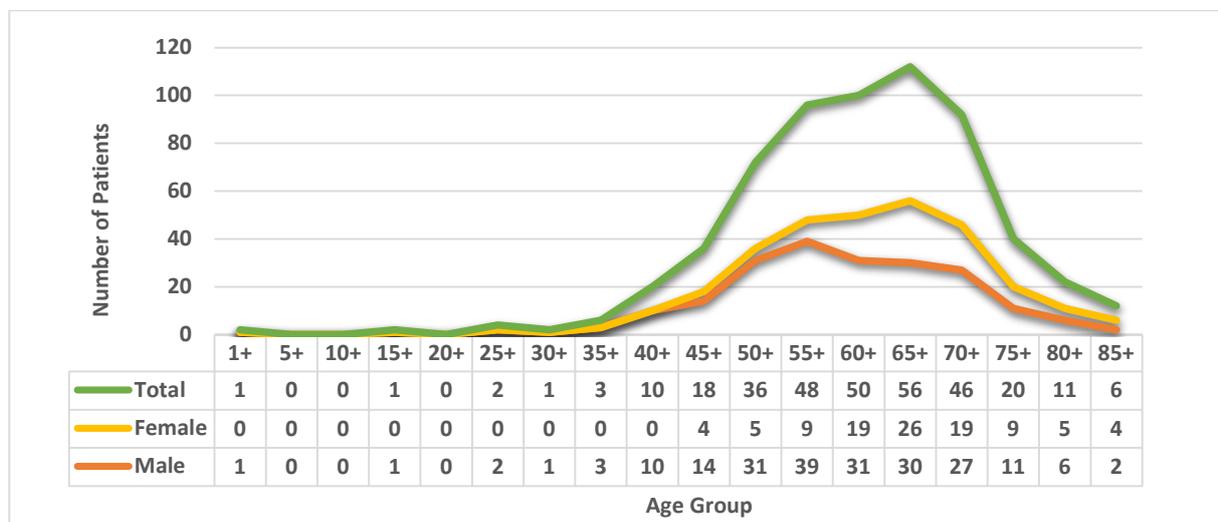




Figure 5.11 Distribution of staging for liver and bile duct cancer.

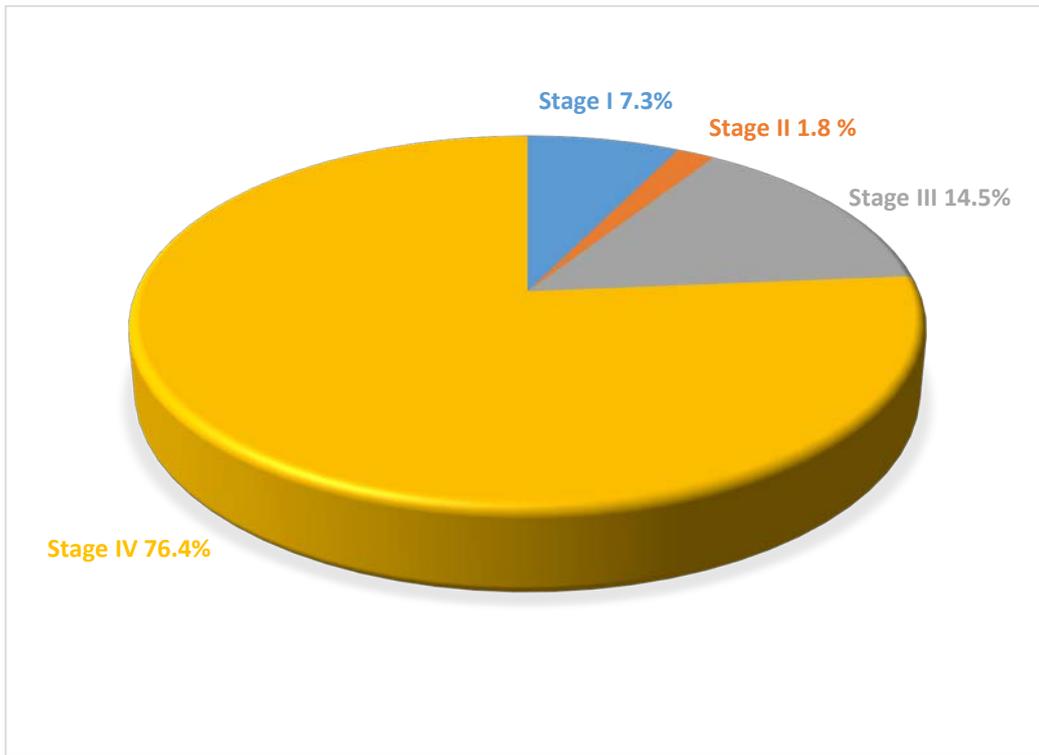
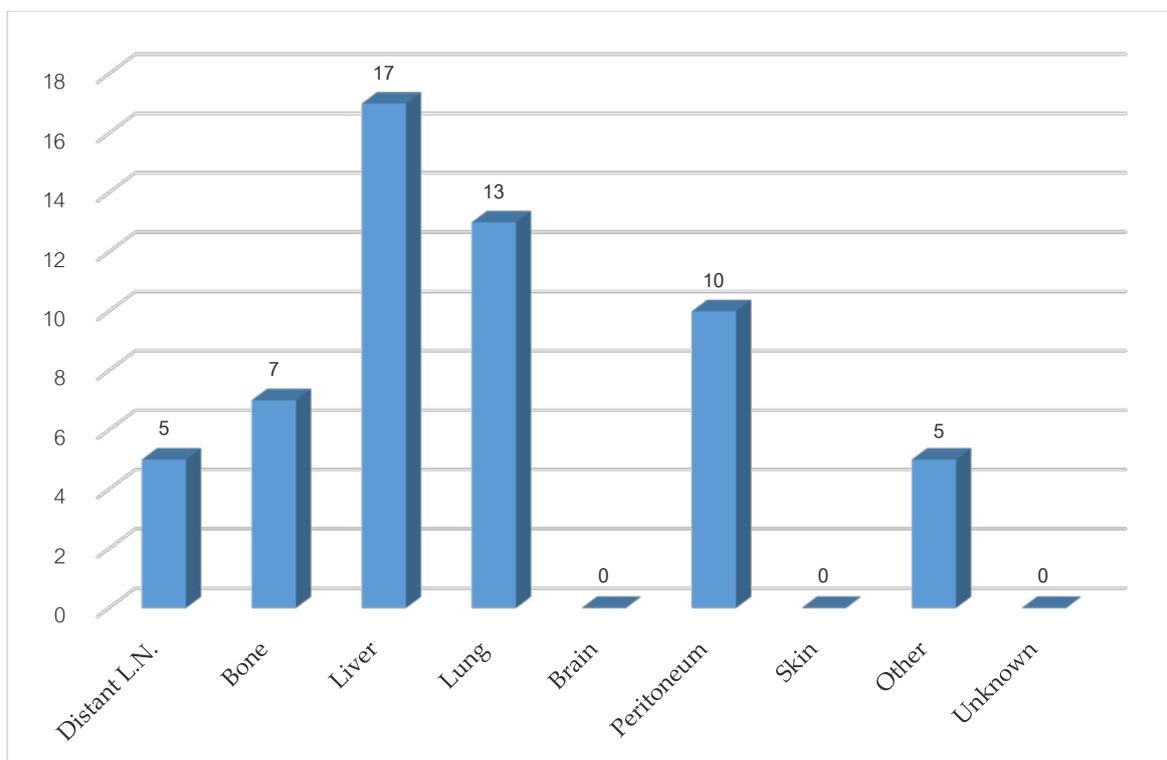


Figure 5.12 Distribution of metastasis for liver and bile duct cancer (42 cases)



COLORECTAL

Table 5.9 Age and gender of Colon and Rectum cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	63.7 (12.7)
Median and range age at diagnosis	65.0 (12:96)
% of the patient is lower than 15 year of age at diagnosis	0.2%
Gender	
Male	248 (51.8%)
Female	231(48.2%)
Sex ratio (male: female)	1.07:1

Table 5.10 Most valid method of diagnosis for colorectal cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical investigation/imaging	0	0.0	1	0.4	1	0.2
History of metastasis	1	0.4	0	0.0	1	0.2
Histology of primary	247	99.6	230	99.6	477	99.6
Total	248	100.0	231	100.0	479	100.0

Figure 5.13 Age at diagnosis of Colon and Rectum cancer, 2017, by sex.

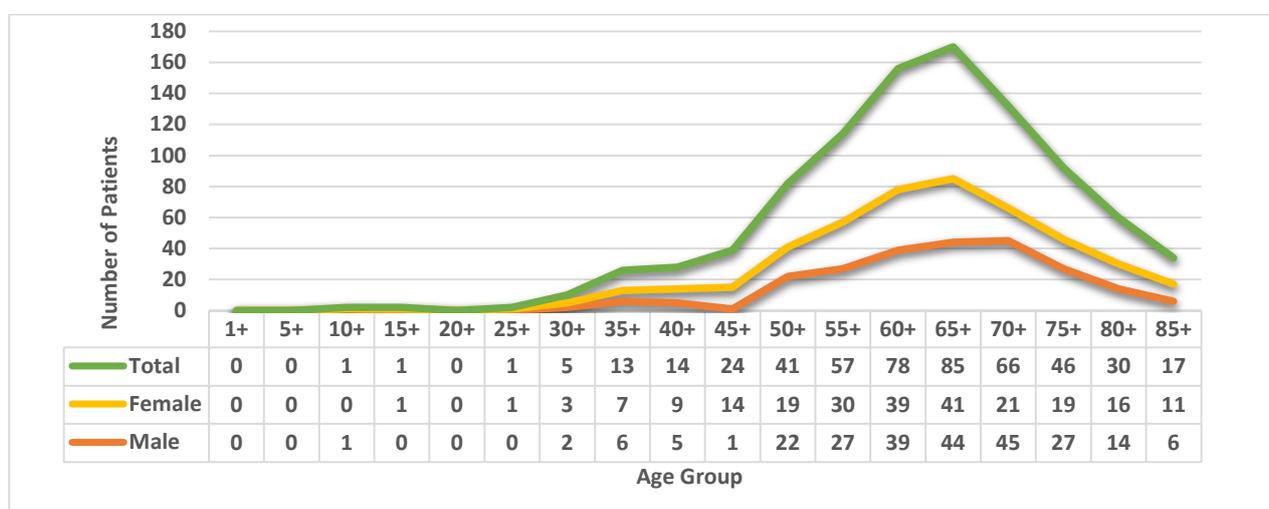




Figure 5.14 Distribution of staging for colorectal cancer

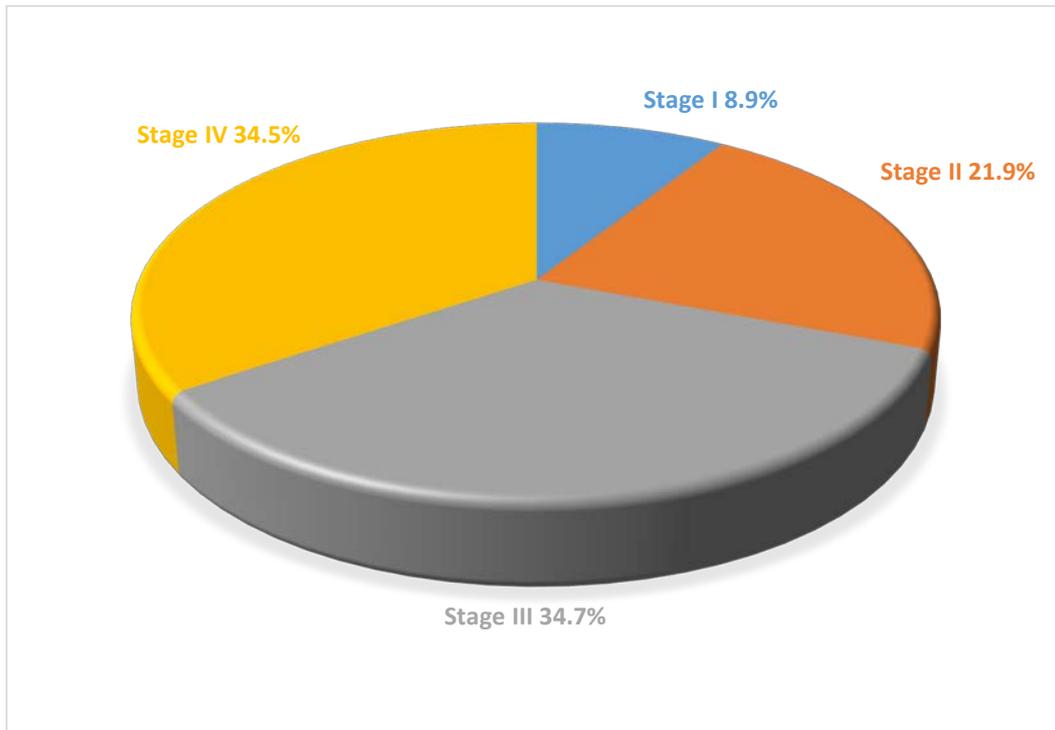
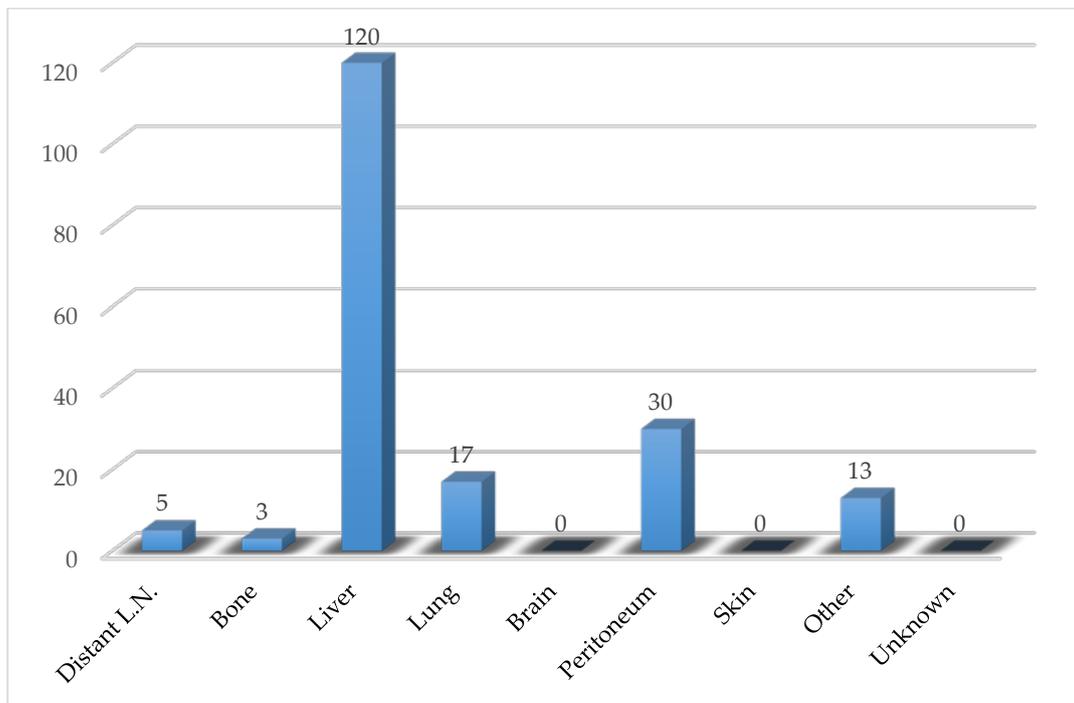


Figure 5.15 Total case by ICD-O both sex (153 cases)



HEMATOPOIETIC AND RETICULOENDOTHELIAL

Table 5.11 Age and gender of leukemia cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	46.0 (25.7)
Median and range age at diagnosis	52.0 (0:88)
% of the patient is lower than 15 year of age at diagnosis	20.0%
Gender	
Male	81 (52.3 %)
Female	74 (47.7%)
Sex ratio (male: female)	1.09:1

Table 5.12 Most valid method of diagnosis.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Cytology or Hematology	4	4.9	4	5.4	8	5.2
Histology of primary	77	95.1	70	94.6	147	94.8
Total	81	100.0	74	100.0	155	100.0

Figure 5. 16 Age at diagnosis of Leukemia cancer, 2017, by sex.

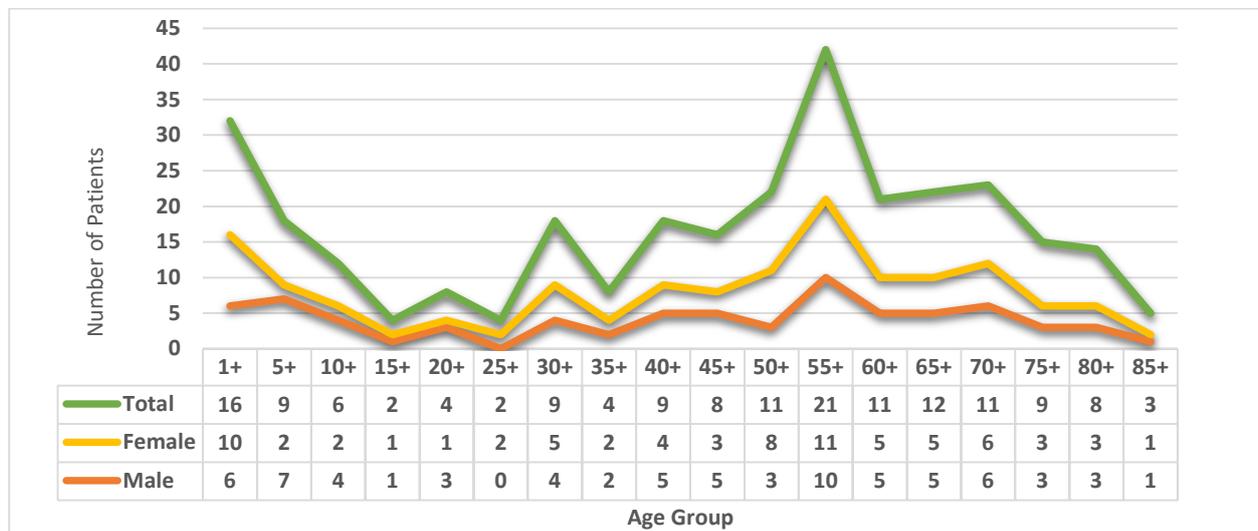
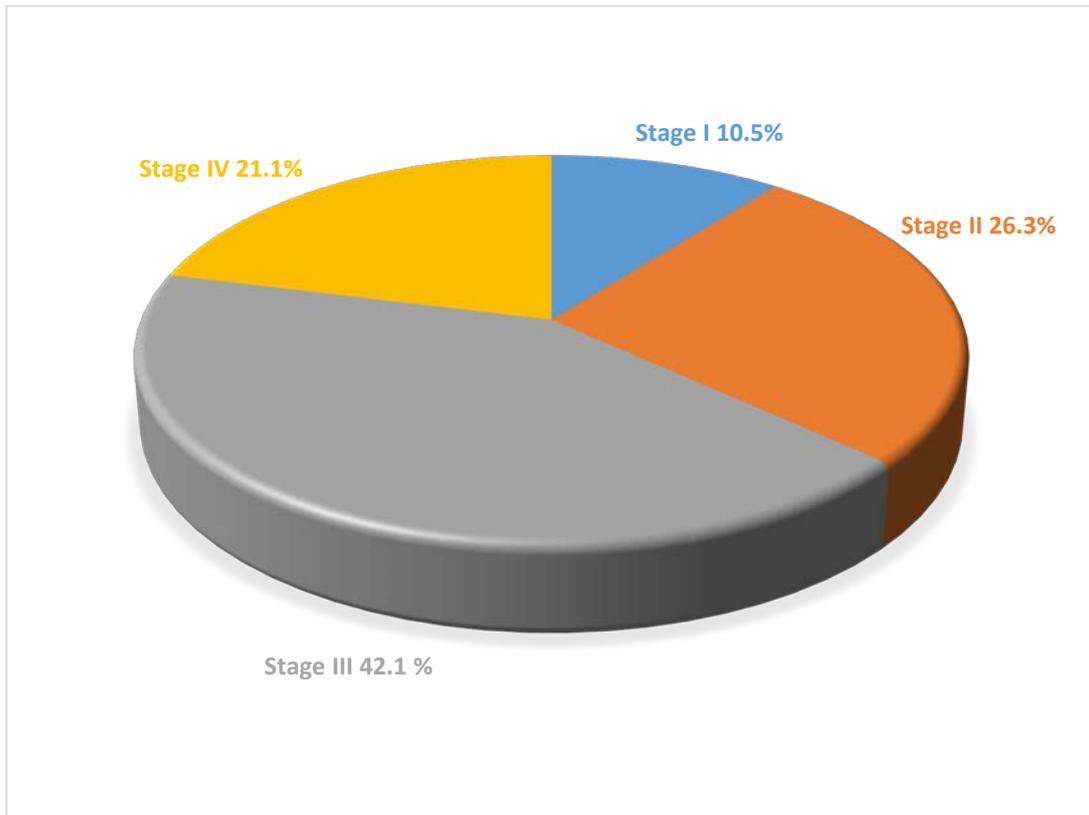




Figure 5.17 Distribution of staging for Leukemia.



CHILDHOOD CANCER

Table 5.13 Type of diagnosis for Childhood Cancer

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	5.9 (4.7)
Median and range age at diagnosis	4 (0:14)
% of the patient is lower than 15 year of age at diagnosis	100.0%
Gender	
Male	63 (58.9%)
Female	44 (41.1%)
Sex ratio (male: female)	1.43:1

Figure 5.18 Number of Childhood cancers by ICCC group, age <15 both sexes

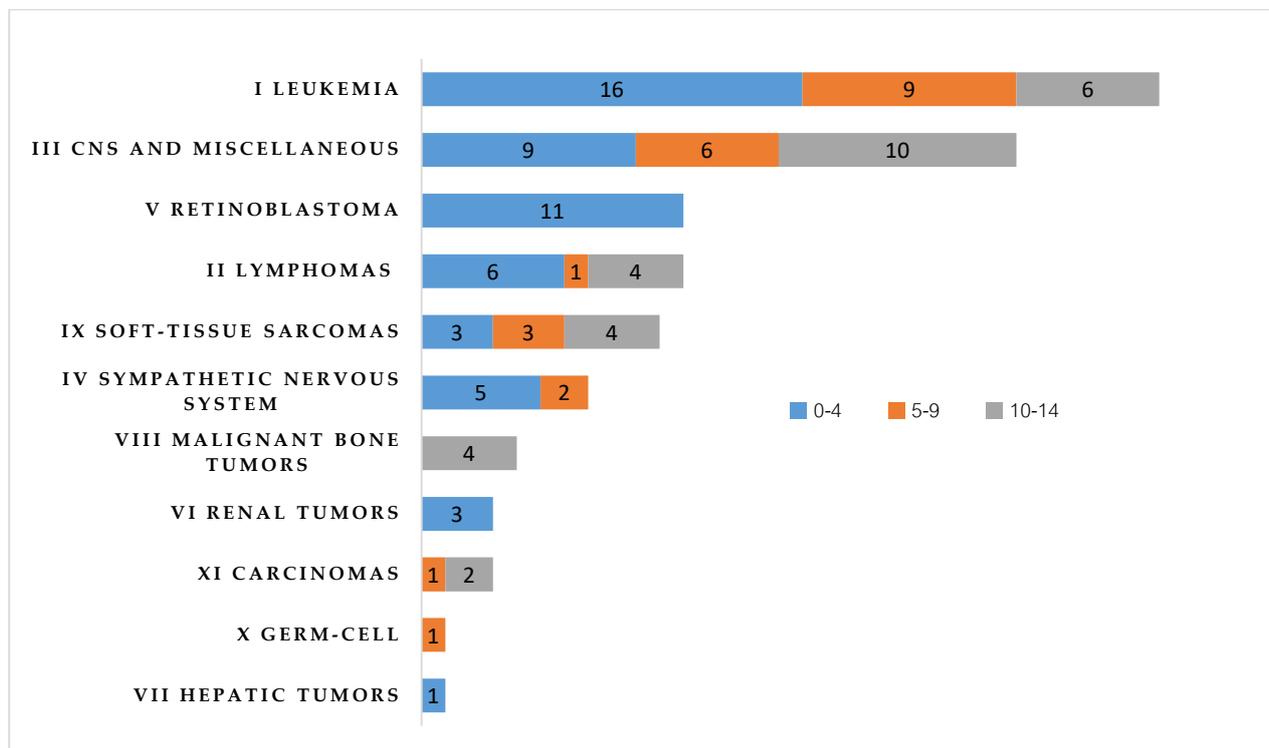




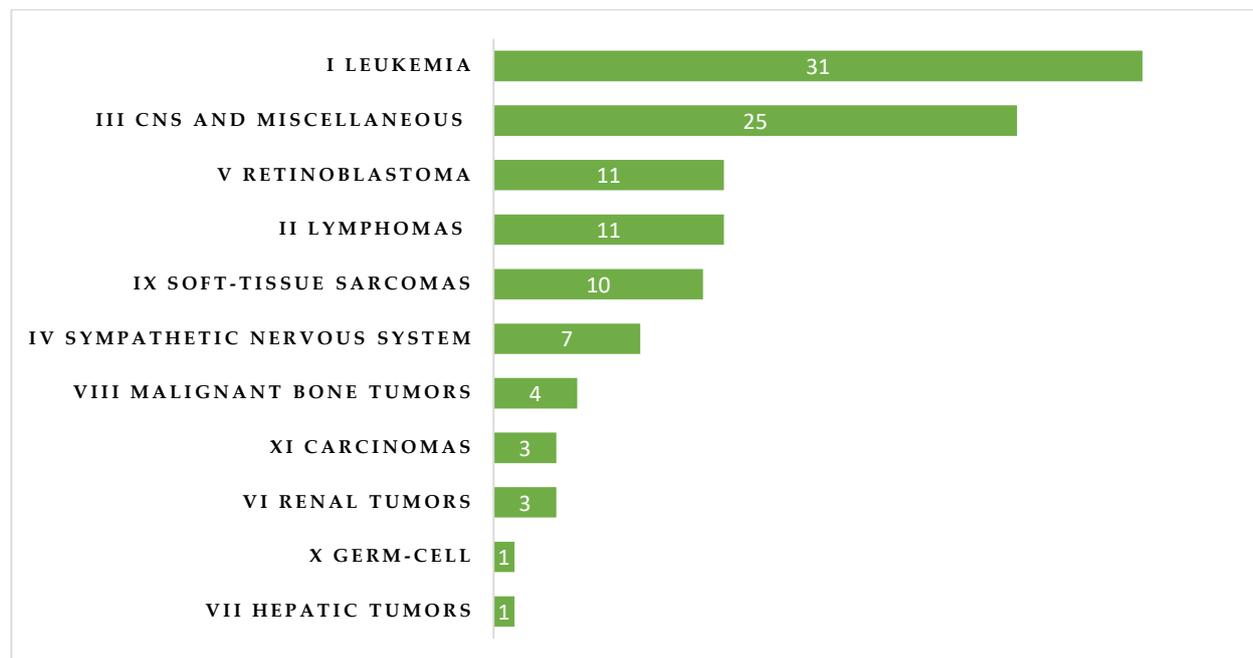
Table 5.14 Number of Childhood cancers by ICCC group, age <15 both sexes

ICCC GROUP	Both sexes	Male				Female				M:F	%MV
		0-4	5-9	10-14	All	0-4	5-9	10-14	All		
I Leukemia	31	6	7	4	17	10	2	2	14	1.2:1	100
II Lymphomas and Reticuloendothelial Neoplasms	11	5	0	2	7	1	1	2	4	1.8:1	100
III CNS and Miscellaneous Intracranial and Intraspinial Neoplasms	25	7	4	9	20	2	2	1	5	4.0:1	100
IV Sympathetic Nervous System Tumors	7	1	1	0	2	4	1	0	5	0.4:1	100
V Retinoblastoma	11	6	0	0	6	5	0	0	5	1.2:1	100
VI Renal Tumors	3	2	0	0	2	1	0	0	1	2.0:1	100
VII Hepatic Tumors	1	1	0	0	1	0	0	0	0	1.0:0	100
VIII Malignant Bone Tumors	4	0	0	3	3	0	0	1	1	3.0:1	100
IX Soft-Tissue Sarcomas	10	1	1	1	3	2	2	3	7	0.4:1	100
X Germ-Cell, Trophoblastic and other Gonadal Neoplasms	1	0	1	0	1	0	0	0	0	1.0:0	100
XI Carcinomas and other Malignant Epithelial Neoplasms	3	0	0	1	1	0	1	1	2	0.5:1	100
Total	107	29	14	20	63	25	9	10	44	1.4:1	100

Table 5.15 Number of Cases of all Childhood cancers by ICCC and Age Group, both Sexes.

ICCC	ALL		Male				Female			
	N	%	0-4	5-9	10-14	all	0-4	5-9	10-14	all
I Leukemia	31	28.97	6	7	4	17	10	2	2	14
II Lymphomas and Reticuloendothelial Neoplasms	11	10.28	5	0	2	7	1	1	2	4
III CNS and Miscellaneous Intracranial and Intraspinial Neoplasms	25	23.36	7	4	9	20	2	2	1	5
IV Sympathetic Nervous System Tumors	7	6.54	1	1	0	2	4	1	0	5
V Retinoblastoma	11	10.28	6	0	0	6	5	0	0	5
VI Renal Tumors	3	2.8	2	0	0	2	1	0	0	1
VII Hepatic Tumors	1	0.93	1	0	0	1	0	0	0	0
VIII Malignant Bone Tumors	4	3.74	0	0	3	3	0	0	1	1
IX Soft-Tissue Sarcomas	10	9.35	1	1	1	3	2	2	3	7
X Germ-Cell, Trophoblastic and other Gonadal Neoplasms	1	0.93	0	1	0	1	0	0	0	0
XI Carcinomas and other Malignant Epithelial Neoplasms	3	2.8	0	0	1	1	0	1	1	2
Total	107	100	29	14	20	63	25	9	10	44

Figure 5.19 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, 2017

Region	N	%
North	61	1.6
North-east	249	6.4
Central	1,287	33.3
East	318	8.2
West	138	3.6
South	198	5.1
Bangkok	1,618	41.8
Total	3,869	100.0

Figure 6.1 Distribution of region, 2017

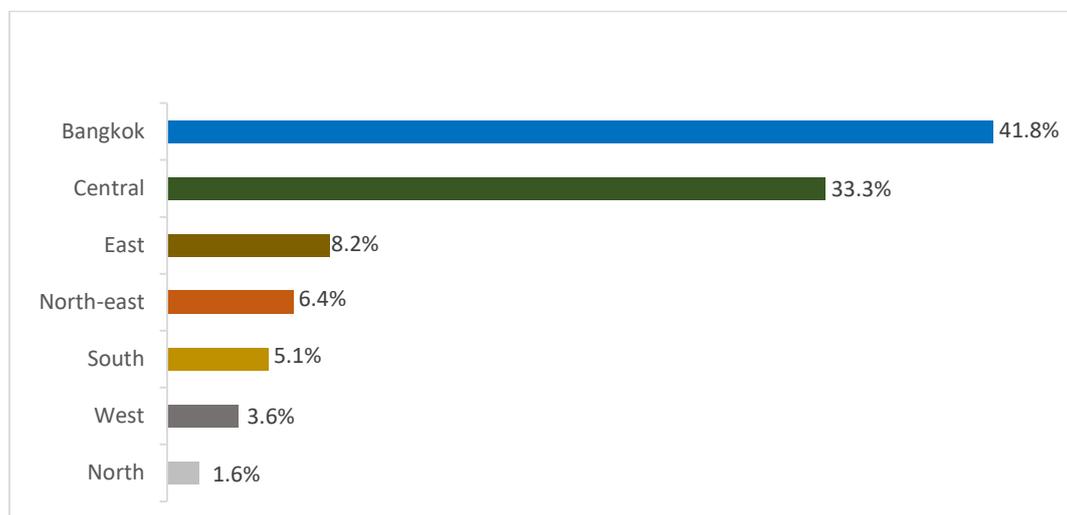


Table 6.2 Number of cancer cases by topography and region, 2017



Topography	North	North_east	Central	East	West	South	Bangkok	Total
C01-Tongue	0	1	3	0	0	1	4	9
C02-Other Part Of Tongue	2	2	6	4	0	0	10	24
C03-Gum	1	0	3	0	0	1	1	6
C04-Floor Of Mouth	0	0	1	0	1	0	3	5
C05-Palate	0	2	1	1	0	0	3	7
C06-Other Part Of Mouth	0	2	2	2	0	0	2	8
C07-Parotid Gland	0	1	5	2	1	0	8	17
C08-Unspecified Salivary	0	0	1	0	0	0	0	1
C09-Tonsil	2	0	6	1	0	2	6	17
C11-Nasopharynx	1	1	23	5	3	5	25	63
C12-Pyriform Sinus	0	0	7	3	1	0	5	16
C13-Hypopharynx	0	0	2	0	0	0	2	4
C15-Esophagus	0	2	16	3	2	1	16	40
C16-Stomach	2	8	19	8	3	1	32	73
C17-Small Intestine	0	0	1	1	0	0	4	6
C18-Colon	4	23	96	17	12	10	146	308
C19-Rectosigmoid	0	0	8	4	1	3	13	29
C20-Rectum	2	12	46	12	5	7	58	142
C21-Anus, Anal Canal	0	0	1	0	0	0	2	3
C22-Liver And Bile Ducts	2	46	97	31	11	19	103	309
C23-Gallbladder	0	1	2	0	0	0	3	6
C24-Other Biliary Tract	0	2	13	1	0	0	7	23
C25-Pancreas	0	3	20	3	1	2	22	51
C26--Intestinal tract	0	0	0	1	0	0	1	2
C30-Nasal Cavity	1	2	10	1	0	0	2	16
C31-Accessory Sinuses	1	1	1	2	0	1	2	8
C32-Larynx	1	1	15	1	0	1	7	26
C33-Trachea	0	0	1	0	0	0	0	1
C34-Lung And Bronchus	6	13	123	31	7	28	153	361
C37-Thymus	0	2	5	0	1	1	7	16
C38-Heart, Mediastinum	4	3	5	3	0	0	5	20
C40-Bone of skull and face and associated joint	0	0	6	0	1	0	2	9
C41-Bone	0	2	3	1	0	2	1	9
C42-Bone marrow	3	13	57	14	5	8	55	155
C44-Skin	0	7	31	6	3	2	40	89
C47-Peripheral Nerves	0	0	0	0	0	0	1	1
C48-Retroperitoneum	0	1	2	1	0	0	6	10
C49-Soft Tissues	0	2	10	5	0	1	18	36
C50-Breast	10	31	236	49	15	23	309	673
C51-Vulva	1	0	2	0	0	0	2	5
C52-Vagina	0	0	1	0	0	0	4	5
C53-Cervix Uteri	3	3	37	8	3	4	31	89
C54-Corpus Uteri	0	3	28	10	6	11	56	114
C56-Ovary	0	6	29	6	4	7	39	91
C57-Other Female Genital	0	0	1	0	0	0	1	2
C60-Penis	0	0	1	0	1	1	5	8
C61-Prostate Gland	1	9	74	17	17	9	107	234
C62-Testis	0	0	1	0	1	1	3	6
C64-Kidney	0	3	25	5	4	2	26	65
C65-Renal Pelvis	0	0	3	0	0	0	5	8



Topography	North	North_east	Central	East	West	South	Bangkok	Total
C66-Ureter	0	1	0	0	0	0	6	7
C67-Urinary Bladder	1	4	26	9	4	6	39	89
C68-Urinary Organs	0	0	1	0	0	0	0	1
C69-Eye And Adnexa	2	5	10	6	2	3	13	41
C70-Meninges	0	1	0	0	0	0	0	1
C71-Brain	2	7	28	11	3	2	21	74
C72-Spinal Cord	0	3	7	3	0	2	7	22
C73-Thyroid Gland	4	10	82	19	15	20	112	262
C74-Adrenal Gland	0	0	2	0	0	2	6	10
C75-Other Endocrine	0	1	3	1	0	0	2	7
C76-III-Defined Sites	0	0	2	0	0	0	2	4
C77-Lymph Nodes	5	6	36	10	5	8	45	115
C80-Unknown Primary	0	3	4	0	0	1	2	10
Total	61	249	1,287	318	138	198	1,618	3,869

Table 6.3 Distribution of topography in North, 2017

Topography	Number	%
C02-Other And Unspecified Part Of Tongue	2	3.3
C03-Gum	1	1.6
C09-Tonsil	2	3.3
C11-Nasopharynx	1	1.6
C16-Stomach	2	3.3
C18-Colon	4	6.6
C20-Rectum	2	3.3
C22-Liver And Intrahepatic Bile Ducts	2	3.3
C30-Nasal Cavity And Middle Ear	1	1.6
C31-Accessory Sinuses	1	1.6
C32-Larynx	1	1.6
C34-Lung And Bronchus	6	9.8
C38-Heart, Mediastinum And Pleura	4	6.6
C42-Hematopoietic And Reticuloendothelial Systems	3	4.9
C50-Breast	10	16.4
C51-Vulva	1	1.6
C53-Cervix Uteri	3	4.9
C61-Prostate Gland	1	1.6
C67-Urinary Bladder	1	1.6
C69-Eye And Adnexa	2	3.3
C71-Brain	2	3.3
C73-Thyroid Gland	4	6.6
C77-Lymph Nodes	5	8.2
Total	61	100.0

Figure 6.2 Distribution of topography in North, 2017

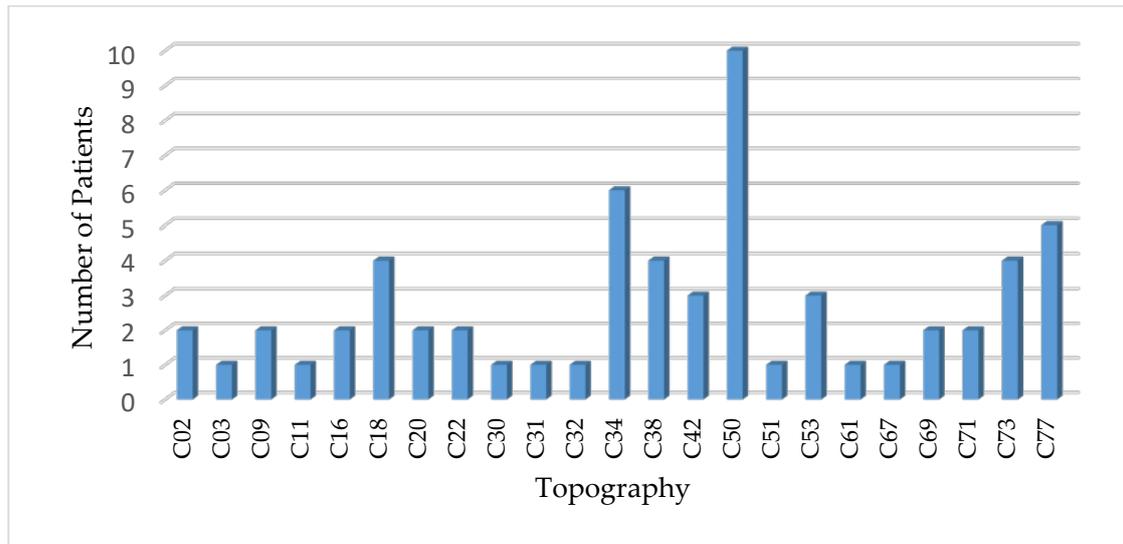


Table 6.4 Distribution of topography in North-East, 2017

Topography	Number	%
C01-Base Of Tongue	1	0.4
C02-Other And Unspecified Part Of Tongue	2	0.8
C05-Palate	2	0.8
C06-Other And Unspecified Part Of Mouth	2	0.8
C07-Parotid Gland	1	0.4
C11-Nasopharynx	1	0.4
C15-Esophagus	2	0.8
C16-Stomach	8	3.2
C18-Colon	23	9.2
C20-Rectum	12	4.8
C22-Liver And Intrahepatic Bile Ducts	46	18.5
C23-Gallbladder	1	0.4
C24-Other And Unspecified Parts Of Biliary Tract	2	0.8
C25-Pancreas	3	1.2
C30-Nasal Cavity And Middle Ear	2	0.8
C31-Accessory Sinuses	1	0.4
C32-Larynx	1	0.4
C34-Lung And Bronchus	13	5.2
C37-Thymus	2	0.8
C38-Heart, Mediastinum And Pleura	3	1.2
C41-Bone, Joint And Articular Cartilage Of Other And Unspecified Sites	2	0.8
C42-Hematopoietic And Reticuloendothelial Systems	13	5.2
C44-Skin	7	2.8
C48-Retroperitoneum And Peritoneum	1	0.4
C49-Connective, Subcutaneous And Other Soft Tissues	2	0.8
C50-Breast	31	12.5
C53-Cervix Uteri	3	1.2



Topography	Number	%
C54-Corpus Uteri	3	1.2
C56-Ovary	6	2.4
C61-Prostate Gland	9	3.6
C64-Kidney	3	1.2
C66-Ureter	1	0.4
C67-Urinary Bladder	4	1.6
C69-Eye And Adnexa	5	2.0
C70-Meninges	1	0.4
C71-Brain	7	2.8
C72-Spinal Cord,	3	1.2
C73-Thyroid Gland	10	4.0
C75-Other Endocrine Glands And Related Structures	1	0.4
C77-Lymph Nodes	6	2.4
C80-Unknown Primary Site	3	1.2

Figure 6.3 Distribution of topography in North-East, 2017

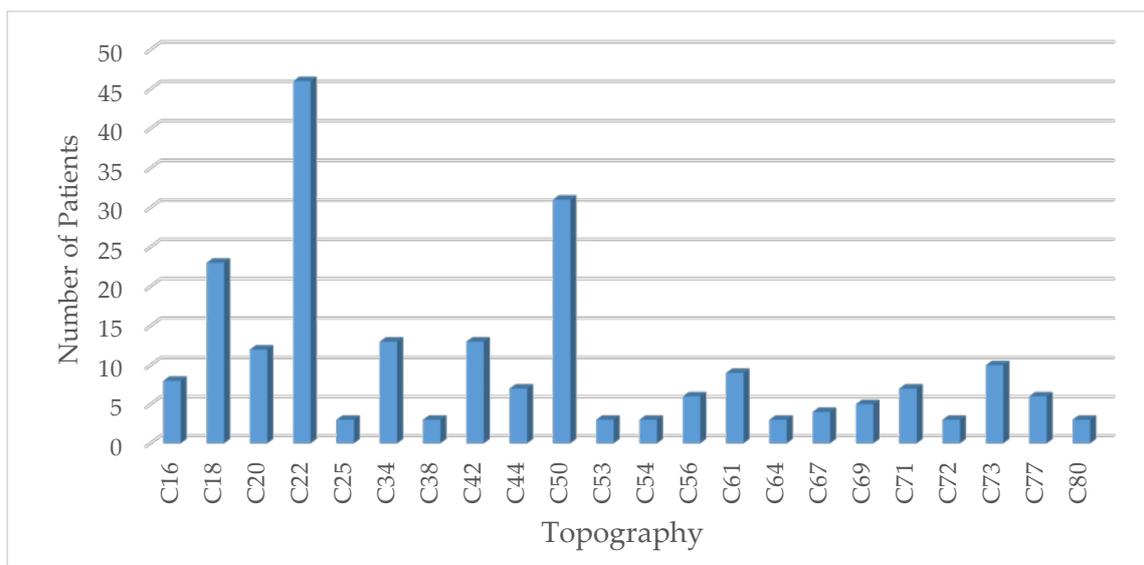


Table 6.5 Distribution of topography in Central, 2017

Topography	Number	%
C01-Base Of Tongue	3	0.2
C02-Other And Unspecified Part Of Tongue	6	0.5
C03-Gum	3	0.2
C04-Floor Of Mouth	1	0.1
C05-Palate	1	0.1
C06-Other And Unspecified Part Of Mouth	2	0.2
C07-Parotid Gland	5	0.4
C08-Other And Unspecified Major Salivary Glands	1	0.1
C09-Tonsil	6	0.5



Topography	Number	%
C11-Nasopharynx	23	1.8
C12-Pyriform Sinus	7	0.5
C13-Hypopharynx	2	0.2
C15-Esophagus	16	1.2
C16-Stomach	19	1.5
C17-Small Intestine	1	0.1
C18-Colon	96	7.5
C19-Rectosigmoid Junction	8	0.6
C20-Rectum	46	3.6
C21-Anus And Anal Canal	1	0.1
C22-Liver And Intrahepatic Bile Ducts	97	7.5
C23-Gallbladder	2	0.2
C24-Other And Unspecified Parts Of Biliary Tract	13	1.0
C25-Pancreas	20	1.6
C30-Nasal Cavity And Middle Ear	10	0.8
C31-Accessory Sinuses	1	0.1
C32-Larynx	15	1.2
C33-Trachea	1	0.1
C34-Lung And Bronchus	123	9.6
C37-Thymus	5	0.4
C38-Heart, Mediastinum And Pleura	5	0.4
C40-Bones, Joints And Articular Cartilage Of Limbs	6	0.5
C41-Bone, Joint And Articular Cartilage Of Other And Unspecified Sites	3	0.2
C42-Hematopoietic And Reticuloendothelial Systems	57	4.4
C44-Skin	31	2.4
C48-Retroperitoneum And Peritoneum	2	0.2
C49-Connective, Subcutaneous And Other Soft Tissues	10	0.8
C50-Breast	236	18.3
C51-Vulva	2	0.2
C52-Vagina	1	0.1
C53-Cervix Uteri	37	2.9
C54-Corpus Uteri	28	2.2
C56-Ovary	29	2.3
C57-Other And Unspecified Female Genital Organs	1	0.1
C60-Penis	1	0.1
C61-Prostate Gland	74	5.8
C62-Testis	1	0.1
C64-Kidney	25	1.9
C65-Renal Pelvis	3	0.2
C67-Urinary Bladder	26	2.0
C68-Other And Unspecified Urinary Organs	1	0.1
C69-Eye And Adnexa	10	0.8
C71-Brain	28	2.2
C72-Spinal Cord,	7	0.5
C73-Thyroid Gland	82	6.4
C74-Adrenal Gland	2	0.2
C75-Other Endocrine Glands And Related Structures	3	0.2
C76-Other And Ill-Defined Sites	2	0.2
C77-Lymph Nodes	36	2.8
C80-Unknown Primary Site	4	0.3
Total	1,287	100.0



Figure 6.4 Distribution of topography in Central, 2017

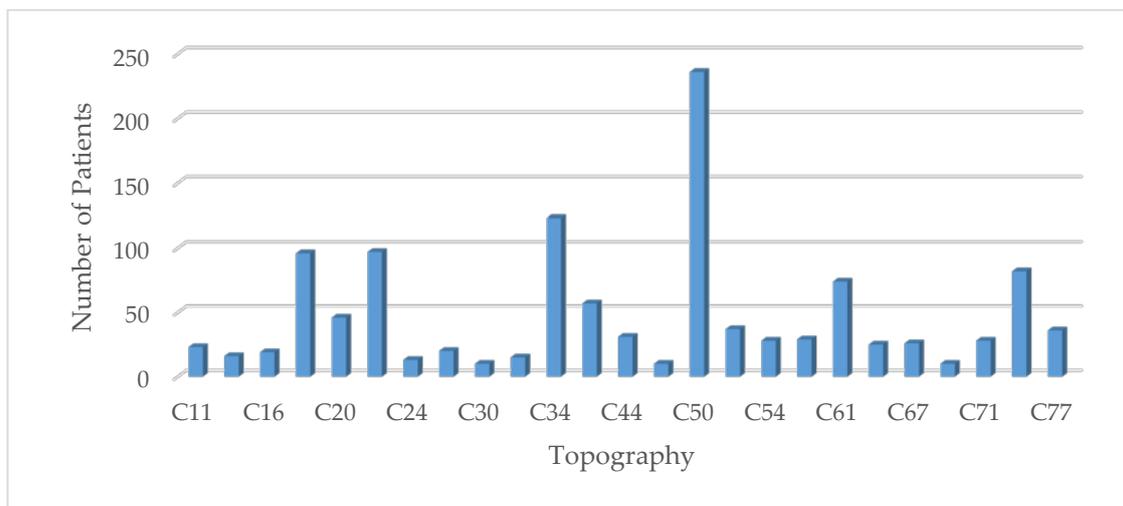


Table 6.6 Distribution of topography in East, 2017

Topography	Number	%
C02-Other And Unspecified Part Of Tongue	4	1.3
C05-Palate	1	0.3
C06-Other And Unspecified Part Of Mouth	2	0.6
C07-Parotid Gland	2	0.6
C09-Tonsil	1	0.3
C11-Nasopharynx	5	1.6
C12-Pyriform Sinus	3	0.9
C15-Esophagus	3	0.9
C16-Stomach	8	2.5
C17-Small Intestine	1	0.3
C18-Colon	17	5.4
C19-Rectosigmoid Junction	4	1.3
C20-Rectum	12	3.8
C22-Liver And Intrahepatic Bile Ducts	31	9.8
C24-Other And Unspecified Parts Of Biliary Tract	1	0.3
C25-Pancreas	3	0.9
C26-Other And Ill-Defined Digestive Organs	1	0.3
C30-Nasal Cavity And Middle Ear	1	0.3
C31-Accessory Sinuses	2	0.6
C32-Larynx	1	0.3
C34-Lung And Bronchus	31	9.8
C38-Heart, Mediastinum And Pleura	3	0.9
C41-Bone	1	0.3
C42-Hematopoietic And Reticuloendothelial Systems	14	4.4
C44-Skin	6	1.9
C48-Retroperitoneum And Peritoneum	1	0.3
C49-Connective, Subcutaneous And Other Soft Tissues	5	1.6
C50-Breast	49	15.4
C53-Cervix Uteri	8	2.5
C54-Corpus Uteri	10	3.1
C56-Ovary	6	1.9

Topography	Number	%
C61-Prostate Gland	17	5.4
C64-Kidney	5	1.6
C67-Urinary Bladder	9	2.8
C69-Eye And Adnexa	6	1.9
C71-Brain	11	3.5
C72-Spinal Cord	3	0.9
C73-Thyroid Gland	19	6.0
C75-Other Endocrine Glands And Related Structures	1	0.3
C77-Lymph Nodes	10	3.1
Total	318	100.0

Figure 6.5 Distribution of topography in East, 2017

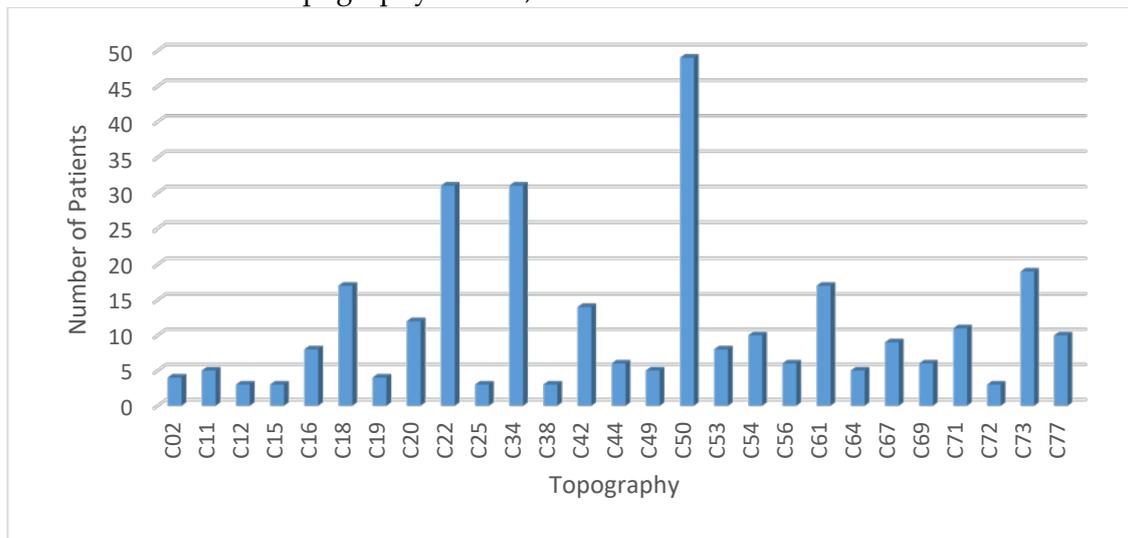


Table 6.7 Distribution of topography in West, 2017

Topography	Number	%
C04-Floor Of Mouth	1	0.7
C07-Parotid Gland	1	0.7
C11-Nasopharynx	3	2.2
C12-Pyriform Sinus	1	0.7
C15-Esophagus	2	1.5
C16-Stomach	3	2.2
C18-Colon	12	8.7
C19-Rectosigmoid Junction	1	0.7
C20-Rectum	5	3.6
C22-Liver And Intrahepatic Bile Ducts	11	8.0
C25-Pancreas	1	0.7
C34-Lung And Bronchus	7	5.1
C37-Thymus	1	0.7
C40-Bones, Joints And Articular Cartilage Of Limbs	1	0.7
C42-Hematopoietic And Reticuloendothelial Systems	5	3.6
C44-Skin	3	2.2
C50-Breast	15	10.9
C53-Cervix Uteri	3	2.2
C54-Corpus Uteri	6	4.4



Topography	Number	%
C56-Ovary	4	2.9
C60-Penis	1	0.7
C61-Prostate Gland	17	12.3
C62-Testis	1	0.7
C64-Kidney	4	2.9
C67-Urinary Bladder	4	2.9
C69-Eye And Adnexa	2	1.5
C71-Brain	3	2.2
C73-Thyroid Gland	15	10.9
C77-Lymph Nodes	5	3.6
Total	138	100.0

Figure 6.6 Distribution of topography in West, 2017

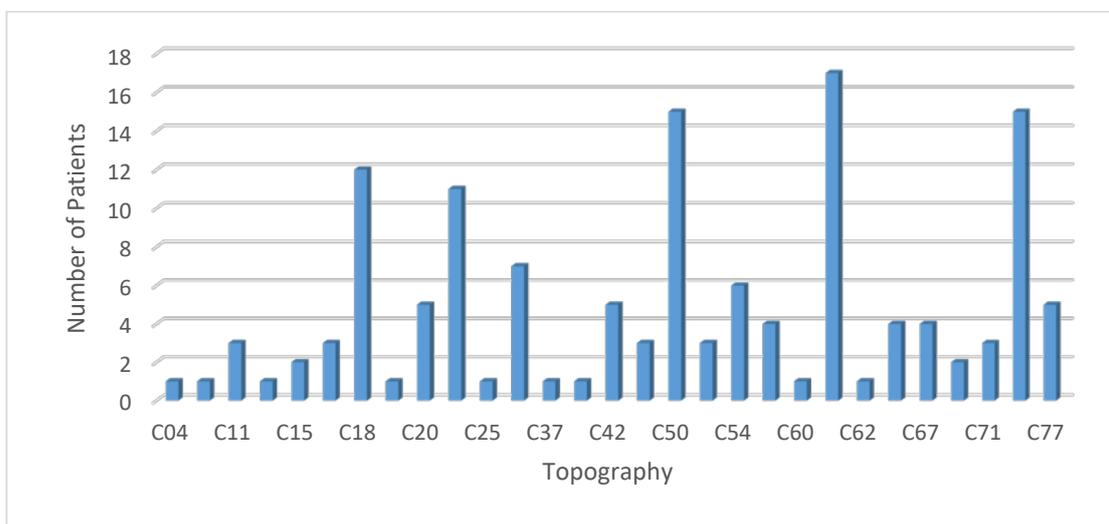


Table 6.8 Distribution of topography in South, 2017

Topography	Number	%
C01-Base Of Tongue	1	0.51
C03-Gum	1	0.51
C09-Tonsil	2	1.01
C11-Nasopharynx	5	2.53
C15-Esophagus	1	0.51
C16-Stomach	1	0.51
C18-Colon	10	5.05
C19-Rectosigmoid Junction	3	1.52
C20-Rectum	7	3.54
C22-Liver And Intrahepatic Bile Ducts	19	9.6
C25-Pancreas	2	1.01
C31-Accessory Sinuses	1	0.51
C32-Larynx	1	0.51
C34-Lung And Bronchus	28	14.14
C37-Thymus	1	0.51

Topography	Number	%
C41-Bone, Joint And Articular Cartilage Of Other And Unspecified Sites	2	1.01
C42-Hematopoietic And Reticuloendothelial Systems	8	4.04
C44-Skin	2	1.01
C49-Connective, Subcutaneous And Other Soft Tissues	1	0.51
C50-Breast	23	11.62
C53-Cervix Uteri	4	2.02
C54-Corpus Uteri	11	5.56
C56-Ovary	7	3.54
C60-Penis	1	0.51
C61-Prostate Gland	9	4.55
C62-Testis	1	0.51
C64-Kidney	2	1.01
C67-Urinary Bladder	6	3.03
C69-Eye And Adnexa	3	1.52
C71-Brain	2	1.01
C72-Spinal Cord	2	1.01
C73-Thyroid Gland	20	10.1
C74-Adrenal Gland	2	1.01
C77-Lymph Nodes	8	4.04
C80-Unknown Primary Site	1	0.51
Total	198	100

Figure 6.7 Distribution of topography in South, 2017

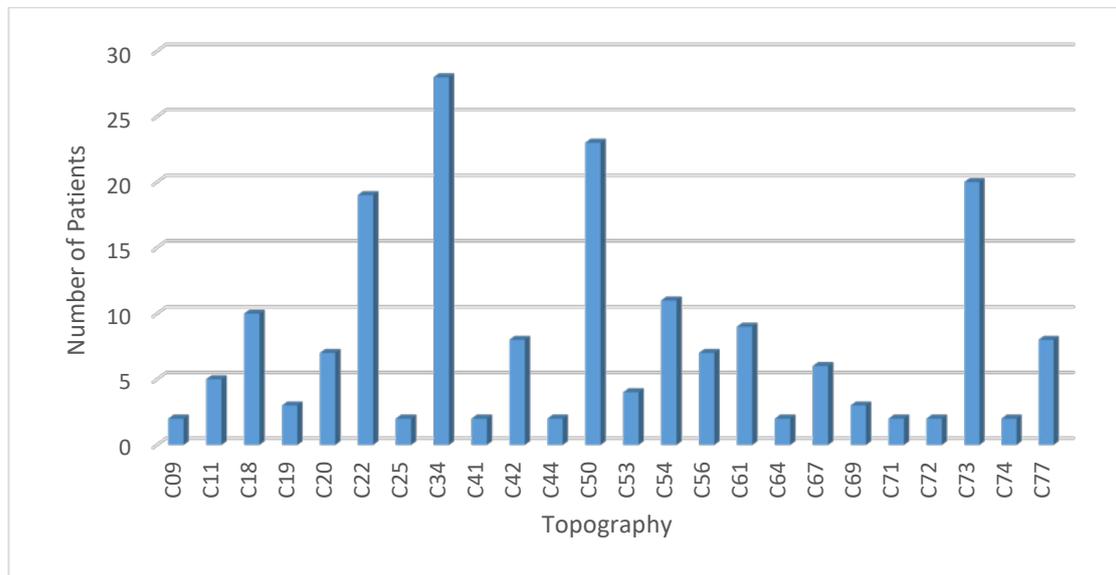


Table 6.9 Distribution of topography in Bangkok, 2017

Topography	Number	%
C01- Base Of Tongue	4	0.25
C02-Other And Unspecified Part Of Tongue	10	0.62
C03-Gum	1	0.06
C04-Floor Of Mouth	3	0.19



Topography	Number	%
C05-Palate	3	0.19
C06-Other And Unspecified Part Of Mouth	2	0.12
C07-Parotid Gland	8	0.49
C09-Tonsil	6	0.37
C11-Nasopharynx	25	1.55
C12-Pyriform Sinus	5	0.31
C13-Hypopharynx	2	0.12
C15-Esophagus	16	0.99
C16-Stomach	32	1.98
C17-Small Intestine	4	0.25
C18-Colon	146	9.02
C19-Rectosigmoid Junction	13	0.8
C20-Rectum	58	3.58
C21-Anus And Anal Canal	2	0.12
C22-Liver And Intrahepatic Bile Ducts	103	6.37
C23-Gallbladder	3	0.19
C24-Other And Unspecified Parts Of Biliary Tract	7	0.43
C25-Pancreas	22	1.36
C26-Other And Ill-Defined Digestive Organs	1	0.06
C30-Nasal Cavity And Middle Ear	2	0.12
C31-Accessory Sinuses	2	0.12
C32-Larynx	7	0.43
C34-Lung And Bronchus	153	9.46
C37-Thymus	7	0.43
C38-Heart, Mediastinum And Pleura	5	0.31
C40-Bones, Joints And Articular Cartilage Of Limbs	2	0.12
C41-Bone, Joint And Articular Cartilage Of Other And Unspecified Sites	1	0.06
C42-Hematopoietic And Reticuloendothelial Systems	55	3.4
C44-Skin	40	2.47
C47-Peripheral Nerves And Autonomic Nervous System	1	0.06
C48-Retroperitoneum And Peritoneum	6	0.37
C49-Connective, Subcutaneous And Other Soft Tissues	18	1.11
C50-Breast	309	19.1
C51-Vulva	2	0.12
C52-Vagina	4	0.25
C53-Cervix Uteri	31	1.92
C54-Corpus Uteri	56	3.46
C56-Ovary	39	2.41
C57-Other And Unspecified Female Genital Organs	1	0.06
C60-Penis	5	0.31
C61-Prostate Gland	107	6.61
C62-Testis	3	0.19
C64-Kidney	26	1.61
C65-Renal Pelvis	5	0.31
C66-Ureter	6	0.37
C67-Urinary Bladder	39	2.41
C69-Eye And Adnexa	13	0.8
C71-Brain	21	1.3
C72-Spinal Cord	7	0.43

Topography	Number	%
C73-Thyroid Gland	112	6.92
C74-Adrenal Gland	6	0.37
C75-Other Endocrine Glands And Related Structures	2	0.12
C76-Other And Ill-Defined Sites	2	0.12
C77-Lymph Nodes	45	2.78
C80-Unknown Primary Site	2	0.12
Total	1,618	100

Figure 6.8 Distribution of topography in Bangkok, 2017

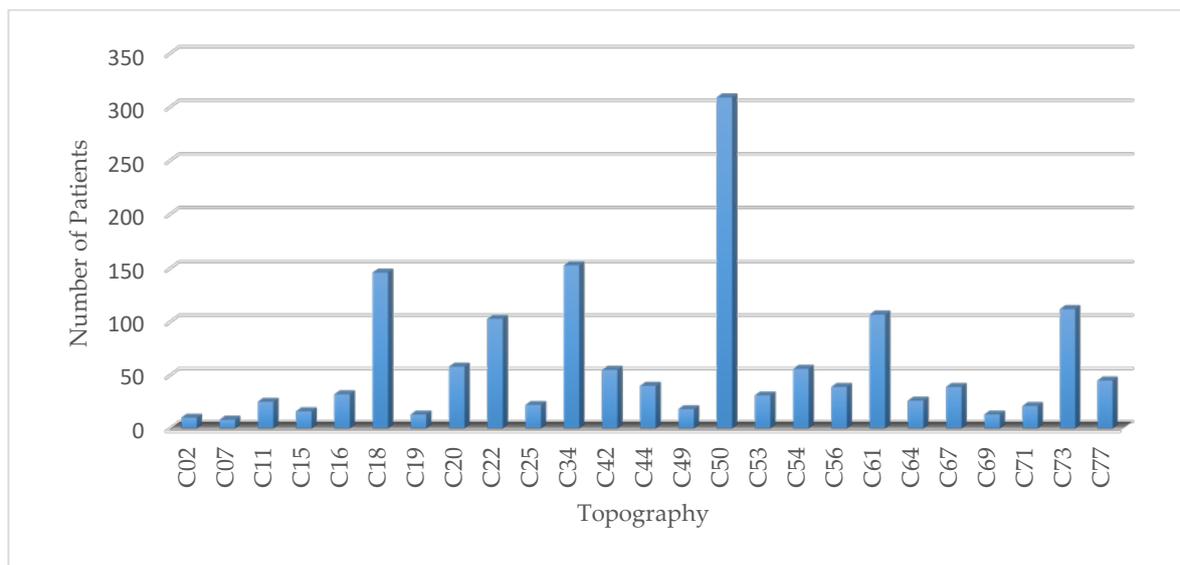


Figure 6.9 Distribution of staging for breast cancer of region, 2017

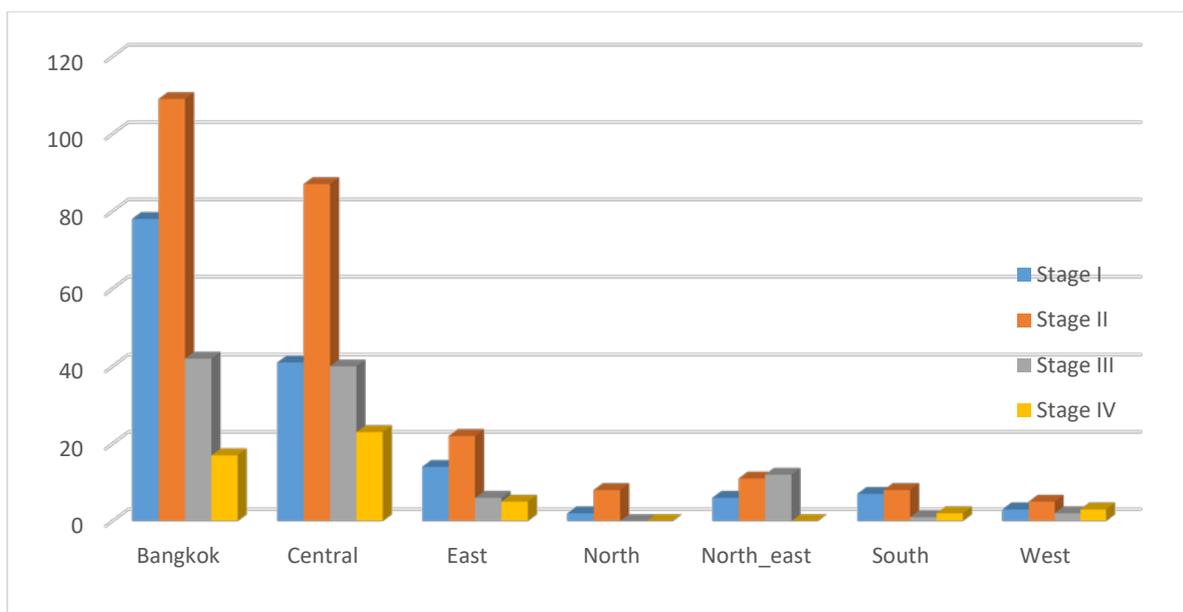




Figure 6.10 Distribution of staging for lung cancer of region, 2017

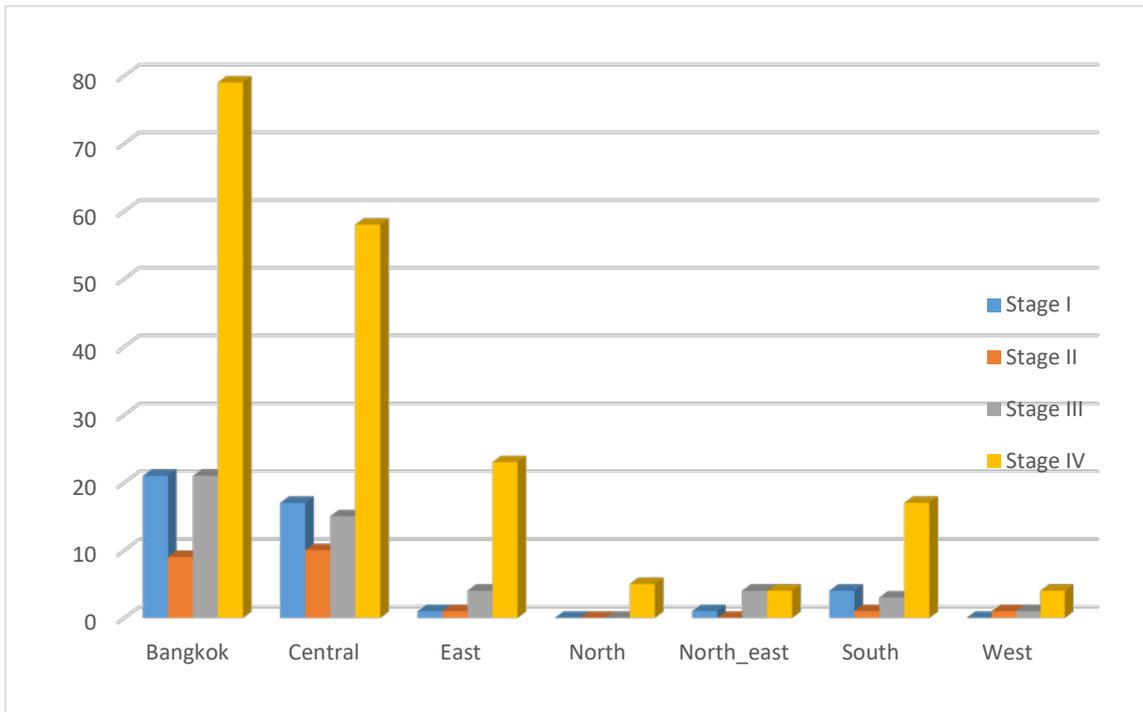


Figure 6.11 Distribution of staging for colon cancer of region, 2017

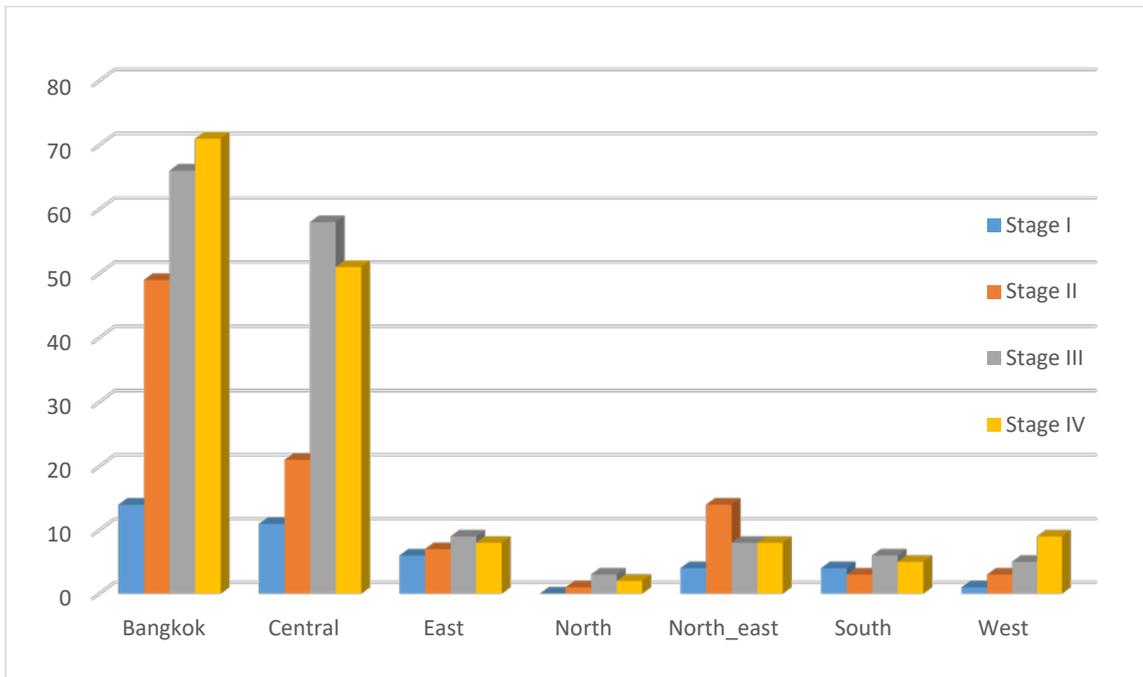


Figure 6.12 Distribution of staging for cervix cancer of region, 2017

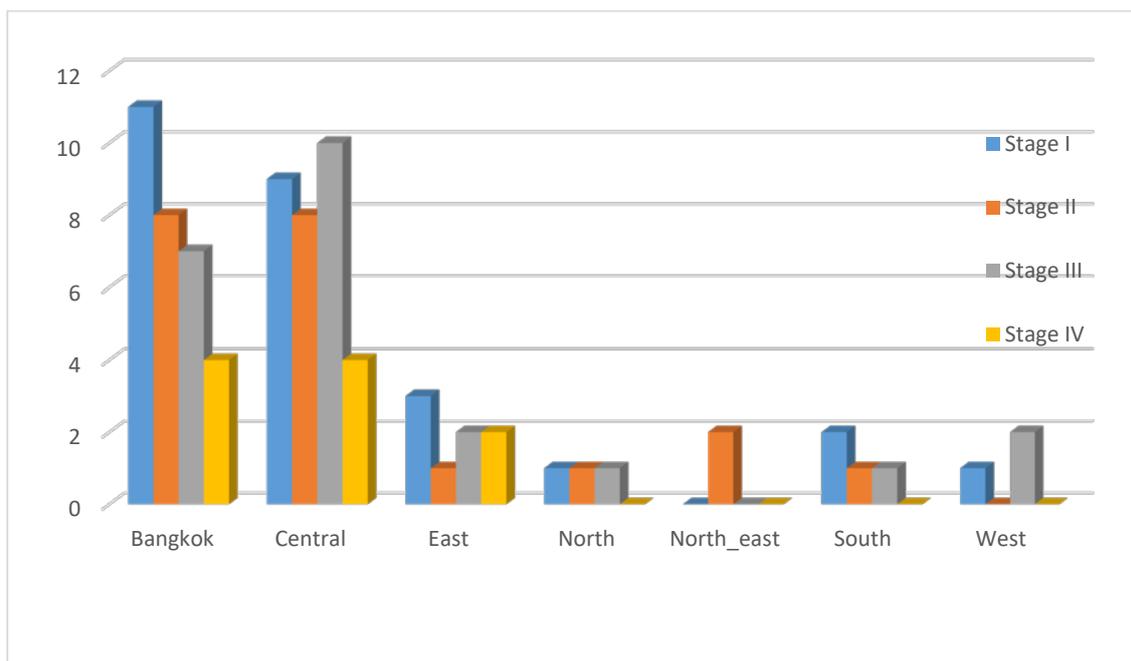
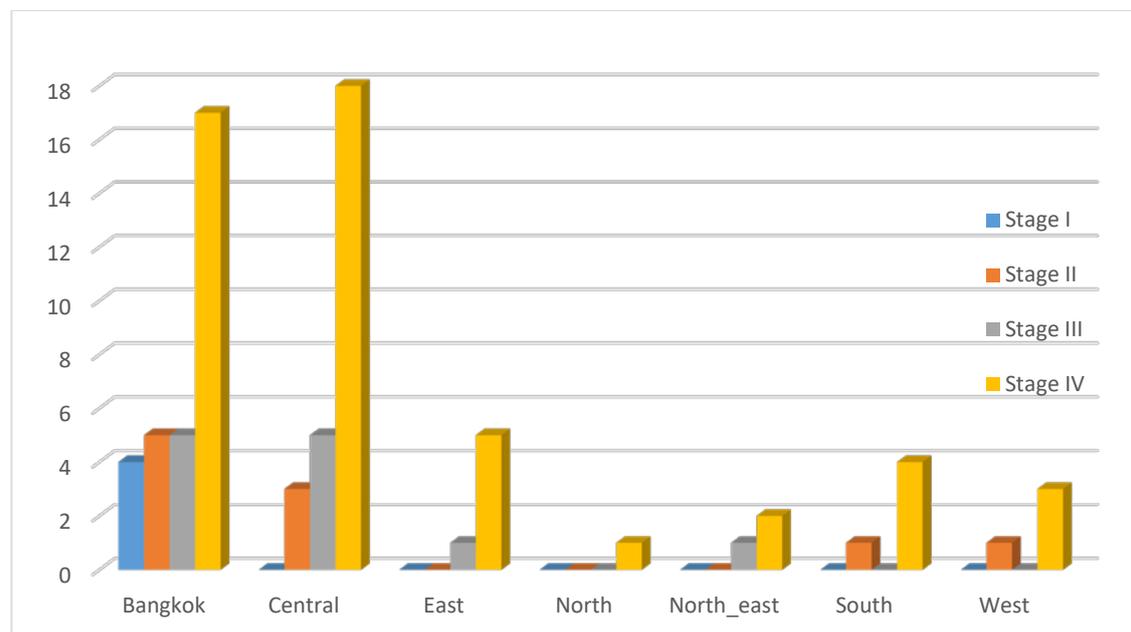


Figure 6.13 Distribution of staging for prostate cancer of region, 2017





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