RAMATHIBODI CANCER REPORT

2015

RAMATHIBODI CANCER REGISTRY

Faculty of Medicine, Ramathibodi Hospital

Mahidol University

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INTRODUCTION

Ramathibodi Cancer Registry 2015 is the result of the fruitful collaboration between units and departments of the faculty of medicine, Ramathibodi Hospital, Mahidol University.

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

Ramathibodi Comprehensive Cancer Registry provides the hospital-based cancer data of new cancer cases each year. This data provides important base is 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.

Associate 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 Leelaudomlipi for all his support and advise.

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

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

And finally, we would like to give a special thank to the Cancer Registry Coordinators and her team 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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Miss Nintita Sripaiboonkij	Cancer Registry

RAMATHIBODI HOSPITAL CANCER REGISTRY COMMITTEE, 2015

CHAIRMAN:

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COMMITTEE:

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CANCER REGISTRY TEAM:

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Miss Sopit Phromchana	Medical Statistician
Mr. Tanapol Thonkamdee	Medical Statistician
Miss Pornsuda Jitkasikorn	Technical Information
Mr. Jakkapong Pongsachai	General Affairs Officer
Miss Chanpen Preedee	General Affairs Officer
Miss Pisamai Srinaka	High Vocational Certificate

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
- carcinomatosis peritonei without detectable primary
- thymoma-both benign and malignant
- all type of CNS tumors (intracranial & spinal cord) both benign and malignant
- gastrointestinal stomach tumor

Exclusion criteria

1. Benign tumors
2. Pre-malignant

Remarks: When a cancer case is reported form more than on department, the information is consolidate 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 form 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
Histology or metastasis	12	1.0
Histology of primary	3,325	99.0
Total	**3,337**	**100.0**

Figure 2.1 Most valid method of diagnosis.

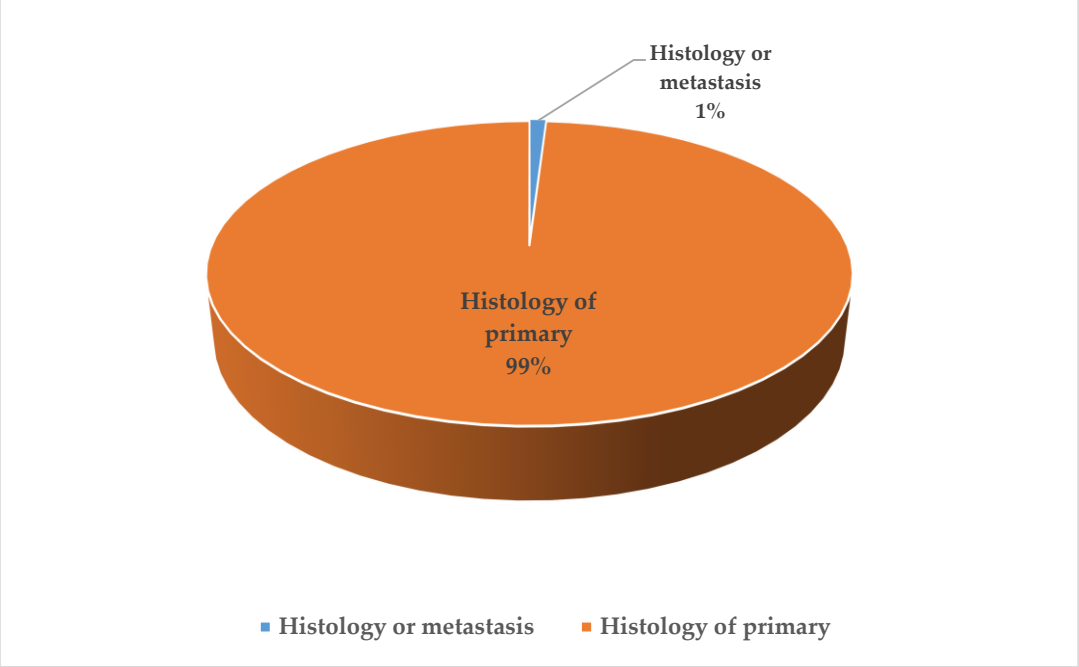


Table 2.2 Number of cancer case by staging of present extent of disease

Staging	Male		Female		Total	
	Number	%	Number	%	Number	%
Localized	6	85.7	10	76.9	16	80.0
Distant metastasis	1	14.3	3	23.1	4	20.0
Total	**7**	**100.0**	**13**	**100.0**	**20**	**100.0**

Figure 2.2 Number of cancer case by present extent of disease

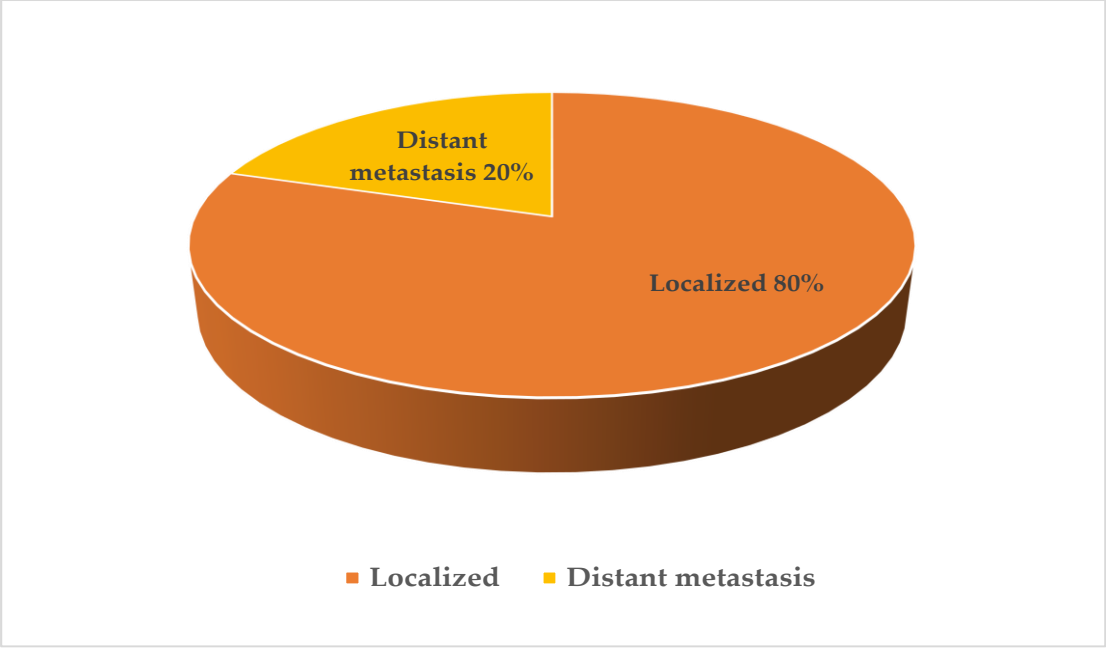
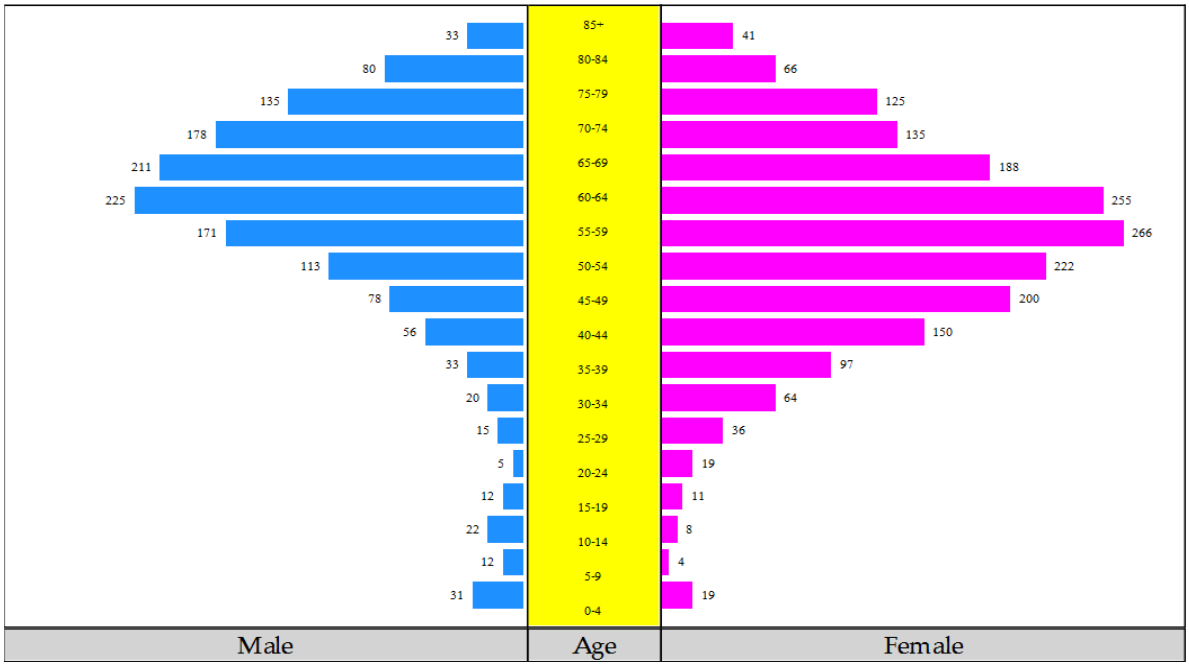


Table 2.3 Number of cancer case by age and sex, 2015

Age group	Male		Female		Both sexes	
	Number	%	Number	%	Number	%
0-4	31	2.2	19	1.0	50	1.5
5-9	12	0.8	4	0.2	16	0.5
10-14	22	1.5	8	0.4	30	0.9
15-19	12	0.8	11	0.6	23	0.7
20-24	5	0.4	19	1.0	24	0.7
25-29	15	1.1	35	1.8	50	1.5
30-34	20	1.4	64	3.4	84	2.5
35-39	33	2.3	98	5.1	131	4.0
40-44	56	3.9	150	7.9	206	6.2
45-49	78	5.5	200	10.5	278	8.3
50-54	113	7.9	222	11.6	335	10.0
55-59	171	11.9	266	13.9	437	13.1
60-64	224	15.7	255	13.4	479	14.4
65-69	212	14.8	188	9.8	400	11.9
70-74	178	12.4	135	7.1	313	9.4
75-79	135	9.4	125	6.6	260	7.8
80-84	81	5.7	66	3.5	147	4.4
85+	33	2.3	41	2.2	74	2.2
Total	**1,431**	**100.0**	**1,906**	**100.0**	**3,337**	**100.0**
Mean		**59.7**		**55.9**		**57.6**
S.D.		**17.7**		**15.9**		**16.8**

Figure 2.3 patient pyramids by sex and age group, 2015



CHAPTER III

2015 TEN LEADING SITES OF CANCER

Table 3.1 Ten leading sites of cancer in both sexes.

Site	ICD-O	Number of cases	%
1. BREAST	C50	604	18.1
2. LIVER AND INTRAHEPATIC BILE DUCTS	C22	283	8.5
3. LUNG AND BRONCHUS	C34	269	8.0
4. COLON	C18	249	7.5
5. PROSTATE GLAND	C61	204	6.1
6. HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	C42	171	5.1
7. THYROID GLAND	C73	156	4.7
8. RECTUM	C20	139	4.2
9. LYMPH NODES	C77	131	3.9
10. SKIN	C44	122	3.7
11. Other		1,009	30.2
Total		**3,337**	**100.0**

Figure3.1 Ten leading sites of cancer in both sexes.

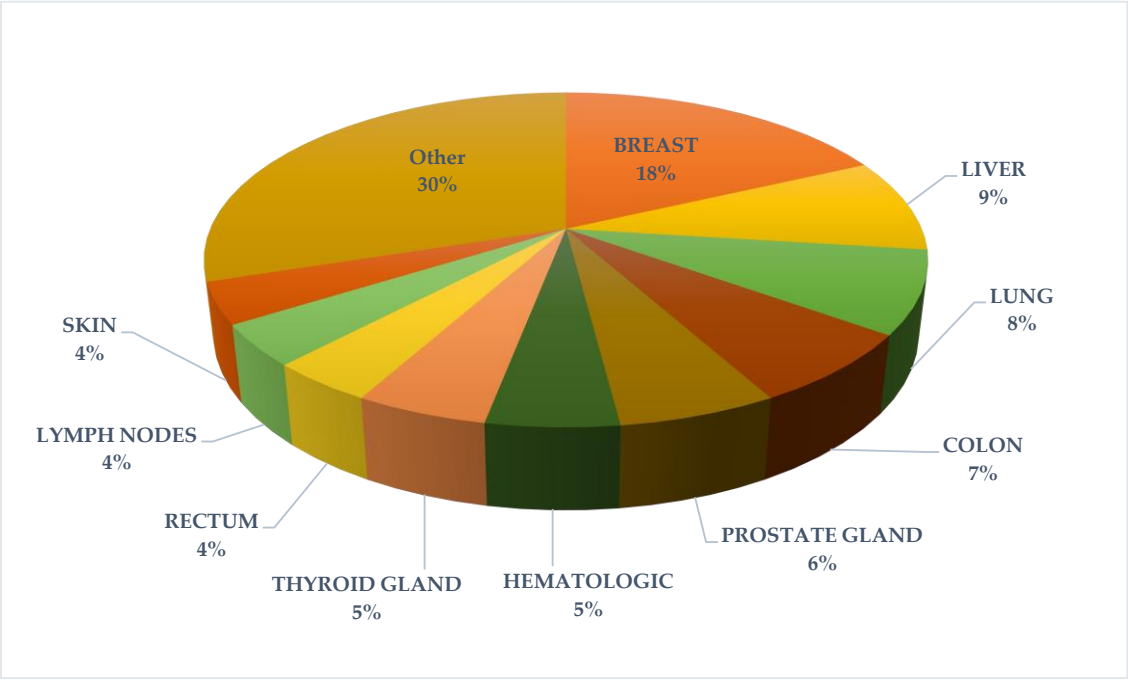


Table 3.2 Ten leading sites of cancer in male.

Site	ICD-O	Number of cases	%
1. PROSTATE GLAND	C61	204	14.3
2. LIVER AND INTRAHEPATIC BILE DUCTS	C22	194	13.6
3. LUNG AND BRONCHUS	C34	132	9.2
4. COLON	C18	122	8.5
5. HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	C42	88	6.1
6. RECTUM	C20	77	5.4
7. LYMPH NODES	C77	61	4.3
8. URINARY BLADDER	C67	60	4.2
9. SKIN	C44	58	4.0
10. KIDNEY	C64	45	3.1
11. Other		390	27.3
Total		**1,431**	**100.0**

Figure 3.2 Ten leading sites of cancer in male.

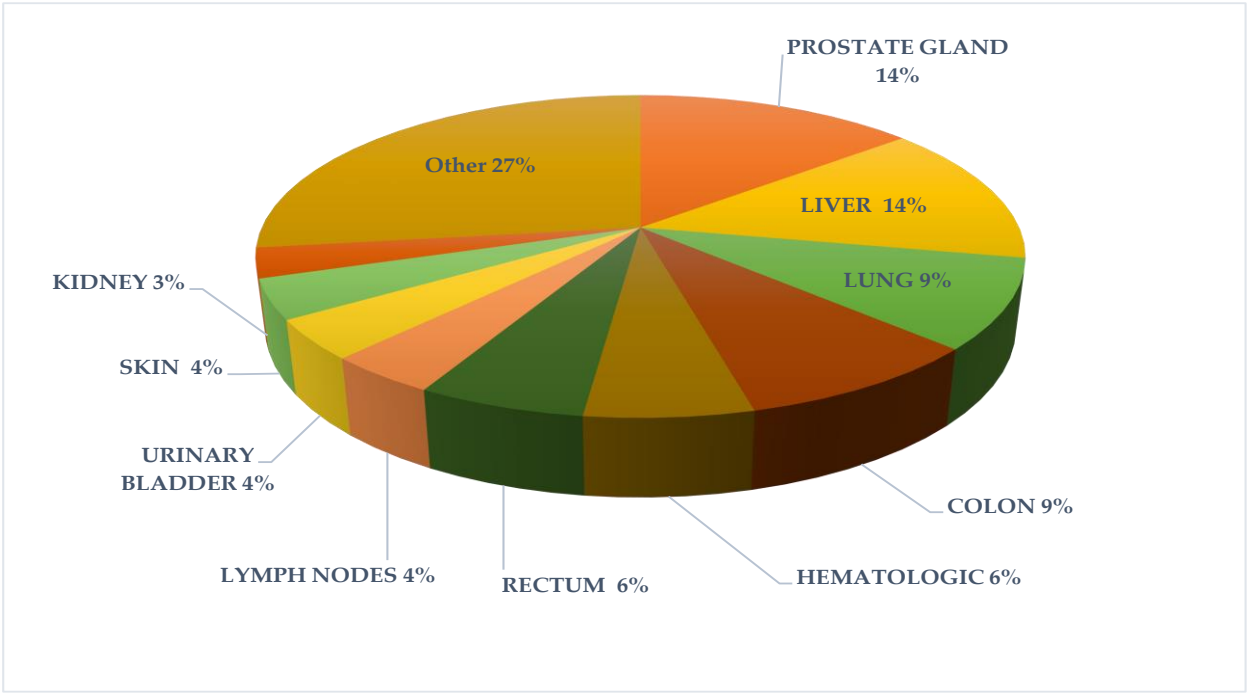


Table 3.3 Ten leading sites of cancer in female.

Site	ICD-O	Number of cases	%
1. BREAST	C50	600	31.5
2. LUNG AND BRONCHUS	C34	137	7.2
3. COLON	C18	127	6.7
4. THYROID GLAND	C73	126	6.6
5. CERVIX UTERI	C53	105	5.5
6. CORPUS UTERI	C54	103	5.4
7. LIVER AND BILE DUCT	C22	89	4.7
8. HEMATOPOIETIC	C42	83	4.3
9. LYMPH NODES	C77	70	3.7
10. SKIN	C44	64	3.4
11. Other		402	21.0
Total		**1,906**	**100.0**

Figure 3.3 Ten leading sites of cancer in female.

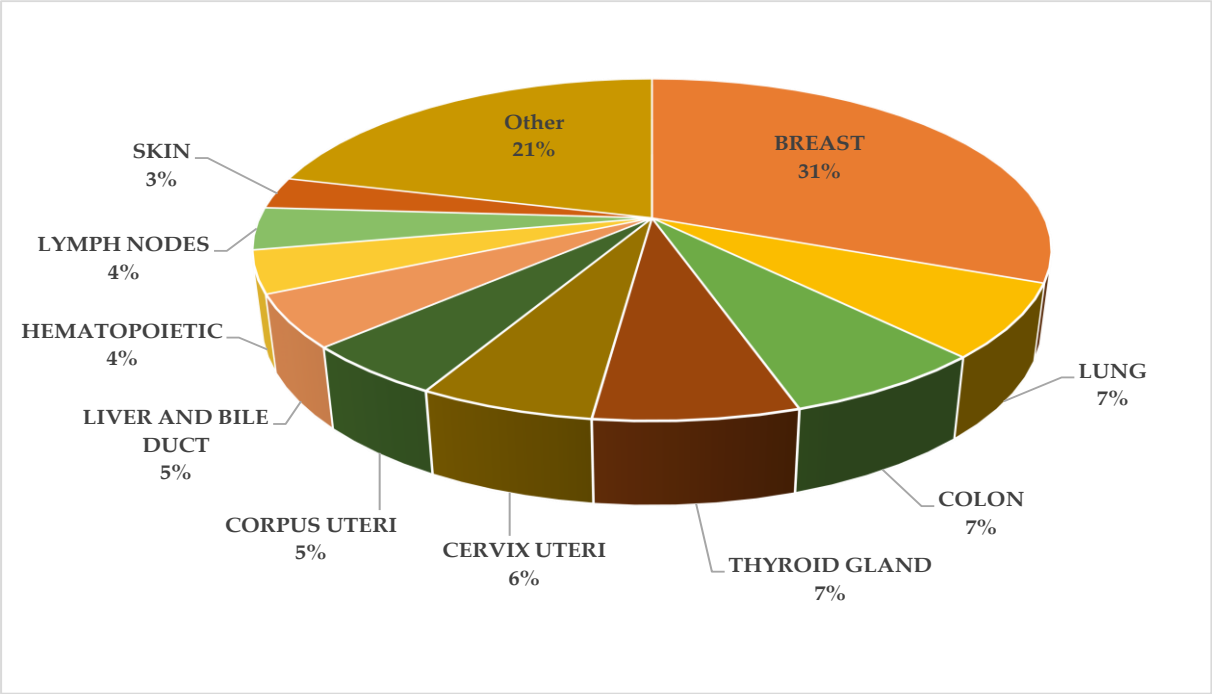
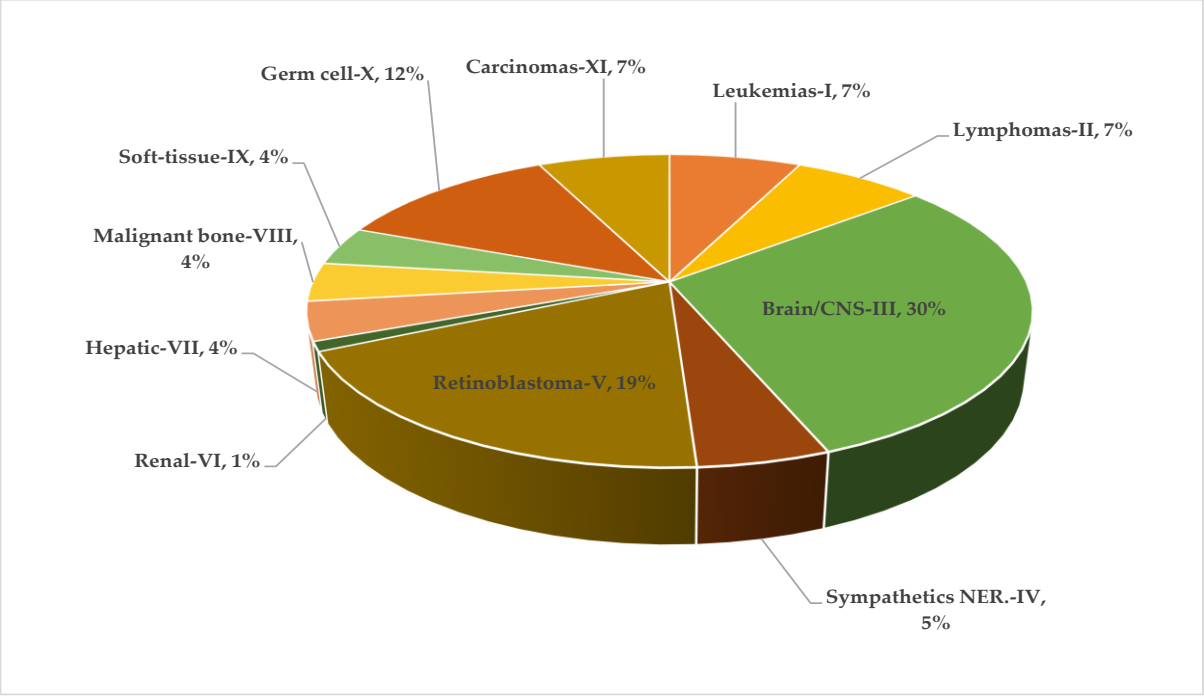


Table 3.4 Site of cancer in childhood by ICCC, age<15, both sexes.

Site	Male		Female		Total	
	Number	%	Number	%	Number	%
Leukemias-I	3	5.8	2	9.0	5	6.8
Lymphomas-II	4	7.7	1	4.6	5	6.8
Brain/CNS-III	17	32.7	5	22.7	22	29.7
Sympathetics NER.-IV	3	5.8	1	4.6	4	5.4
Retinoblastoma-V	6	11.5	8	36.3	14	18.9
Renal-VI	1	1.9	0	0.0	1	1.4
Hepatic-VII	2	3.8	1	4.6	3	4.0
Malignant bone-VIII	3	5.8	0	0.0	3	4.0
Soft-tissue-IX	1	1.9	2	9.0	3	4.0
Germ cell-X	8	15.4	1	4.6	9	12.2
Carcinomas-XI	4	7.7	1	4.6	5	6.8
Total	**52**	**100.0**	**22**	**100.0**	**74**	**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	(%)	
Lip	0	0.0	4	0.2	4	0.1	C00
Tongue	15	1.0	12	0.6	27	0.8	C01-C02
Mouth	10	0.7	12	0.6	22	0.7	C03-C06
Salivary gland	5	0.4	8	0.4	13	0.4	C07-C08
Oropharynx	14	0.9	5	0.3	19	0.6	C09-C10
Nasopharynx	27	1.9	13	0.6	40	1.2	C11
Hypopharynx	9	0.6	2	0.1	11	0.3	C12-C13
Pharynx unspecified	1	0.1	0	0.0	1	0.1	C14
Esophagus	41	2.9	7	0.3	48	1.4	C15
Stomach	21	1.5	33	1.7	54	1.6	C16
Small intestine	2	0.1	3	0.2	5	0.2	C17
Colon	122	8.6	127	6.7	249	7.5	C18
Rectum	84	5.9	69	3.6	153	4.6	C19-C21
Liver	194	13.6	89	4.7	283	8.5	C22
Gallbladder and other parts of billiary tract	12	0.8	13	0.7	25	0.7	C23-C24
Pancreas	30	2.1	15	0.8	45	1.3	C25
Other and ill-difined diges digestive organs	2	0.1	0	0.0	2	0.1	C26
Nose, sinuses etc.	12	0.8	5	0.3	17	0.5	C30-C31
Larynx	19	1.3	0	0.0	19	0.5	C32
Trachea,Bronchus& lung	132	9.3	137	7.2	269	8.1	C33-C34
Thymus mediastinum	9	0.6	5	0.3	14	0.4	C37-C38
Bone	14	0.9	6	0.3	20	0.6	C40-C41
Haematopoetic and Reticuloendothelial	88	6.2	83	4.3	171	5.1	C42
Other skin	58	4.1	64	3.4	122	3.7	C44
Peripheral and Autonomic nervous	1	0.1	0	0.0	1	0.1	C47
Retroperitonium and peritoneum	3	0.2	8	0.4	11	0.3	C48
Connective, Subcu.& Soft tissue	11	0.7	8	0.4	19	0.6	C49
Breast	4	0.3	600	31.5	604	18.1	C50
Other female genital	0	0.0	9	0.5	9	0.3	C51,C52,C57
Cervix uteri	0	0.0	105	5.5	105	3.1	C53
Corpus uteri	0	0.0	103	5.4	103	3.0	C54
Ovary	0	0.0	62	3.3	62	1.9	C56
Placenta	0	0.0	1	0.1	1	0.1	C58
Penis	11	0.7	0	0.0	11	0.3	C60
Prostate	204	14.3	0	0.0	204	6.1	C61
Testis	8	0.5	0	0.0	8	0.2	C62
Bladder	60	4.2	21	1.1	81	2.4	C67
Kidney etc	51	3.6	26	1.4	77	2.3	C64-C66,C68
Eye	11	0.7	18	0.9	29	0.8	C69
Brain, nervous system	36	2.5	23	1.2	59	1.8	C71
Spinal cord and nervous system	3	0.2	5	0.3	8	0.2	C72
Thyroid	30	2.1	126	6.6	156	4.6	C73
Adrenal gland	4	0.3	1	0.1	5	0.2	C74
Other endocrine gland	4	0.3	2	0.1	6	0.2	C75
Other and ill-defined site	1	0.1	0	0.0	1	0.1	C76
Lymphnodes	61	4.3	70	3.6	131	3.9	C77
Unknown primary site	7	0.5	6	0.3	13	0.4	C80
All sites	1431	100	1906	100	3337	100	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	
Lip	0	0.0	4	100.0	4	100.0	C00
Tongue	15	100.0	12	100.0	27	100.0	C01-C02
Mouth	10	100.0	12	100.0	22	100.0	C03-C06
Salivary gland	5	100.0	8	100.0	13	100.0	C07-C08
Oropharynx	14	100.0	5	100.0	19	100.0	C09-C10
Nasopharynx	27	100.0	13	100.0	40	100.0	C11
Hypopharynx	9	100.0	2	100.0	11	100.0	C12-C13
Pharynx unspecified	1	100.0	0	0.0	1	100.0	C14
Esophagus	41	100.0	7	100.0	48	100.0	C15
Stomach	21	100.0	33	100.0	54	100.0	C16
Small intestine	2	100.0	3	100.0	5	100.0	C17
Colon	122	100.0	127	100.0	249	100.0	C18
Rectum	84	100.0	69	100.0	153	100.0	C19-C21
Liver	194	100.0	89	100.0	283	100.0	C22
Gallbladder and other parts of billiary tract	12	100.0	13	100.0	25	100.0	C23-C24
Pancreas	30	100.0	15	100.0	45	100.0	C25
Other and ill-difined diges digestive organs	2	100.0	0	100.0	2	100.0	C26
Nose, sinuses etc.	12	100.0	5	100.0	17	100.0	C30-C31
Larynx	19	100.0	0	0.0	19	100.0	C32
Trachea,Bronchus& lung	132	100.0	137	100.0	269	100.0	C33-C34
Thymus mediastinum	9	100.0	5	100.0	14	100.0	C37-C38
Bone	14	100.0	6	100.0	20	100.0	C40-C41
Haematopoetic and Reticuloendothelial	88	100.0	83	100.0	171	100.0	C42
Other skin	58	100.0	64	100.0	122	100.0	C44
Peripheral and Autonomic nervous	1	100.0	0	0.0	1	100.0	C47
Retroperitonium and peritoneum	3	100.0	8	100.0	11	100.0	C48
Connective, Subcu.& Soft tissue	11	100.0	8	100.0	19	100.0	C49
Breast	4	100.0	600	100.0	604	100.0	C50
Other female genital	0	0.0	9	100.0	9	100.0	C51,C52,C57
Cervix uteri	0	0.0	105	100.0	105	100.0	C53
Corpus uteri	0	0.0	103	100.0	103	100.0	C54
Ovary	0	0.0	62	100.0	62	100.0	C56
Placenta	0	0.0	1	100.0	1	100.0	C58
Penis	11	100.0	0	0.0	11	100.0	C60
Prostate	204	100.0	0	0.0	204	100.0	C61
Testis	8	100.0	0	0.0	8	100.0	C62
Bladder	60	100.0	21	100.0	81	100.0	C67
Kidney etc	51	100.0	26	100.0	77	100.0	C64-C66,C68
Eye	11	100.0	18	100.0	29	100.0	C69
Brain, nervous system	36	100.0	23	100.0	59	100.0	C71
Spinal cord and nervous system	3	100.0	5	100.0	8	100.0	C72
Thyroid	30	100.0	126	100.0	156	100.0	C73
Adrenal gland	4	100.0	1	100.0	5	100.0	C74
Other endocrine gland	4	100.0	2	100.0	6	100.0	C75
Other and ill-defined site	1	100.0	0	0.0	1	100.0	C76
Lymphnodes	61	100.0	70	100.0	131	100.0	C77
Unknown primary site	7	100.0	6	100.0	13	100.0	C80
All sites	1431	100.0	1906	100.0	3337	100.0	ALL

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

Site/age	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	1431	31	12	22	12	5	15	20	33	56	79	113	171	224	212	177	135	81	33	59.7	17.7
F	1906	19	4	8	11	19	35	64	98	150	200	222	266	255	188	135	125	66	41	55.9	15.9
T	3337	50	16	30	23	24	50	84	131	206	279	335	437	479	400	312	260	147	74	57.6	16.8
C00 LIP																					
F	4	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	61.5	9.4
T	4	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	61.5	9.4
C01 BASE OF TOUNGUE																					
M	8	0	0	0	0	0	0	1	0	0	1	2	0	2	1	0	1	0	0	55.6	12.7
F	4	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0	59.0	13.6
T	12	0	0	0	0	0	0	1	1	0	1	2	0	3	3	0	1	0	0	56.7	12.5
C02 OTHER AND UNSPECIFIED PART OF TONGUE																					
M	7	0	0	0	0	0	0	0	0	2	1	0	2	0	0	1	1	0	0	56.1	13.4
F	8	0	0	0	0	0	0	0	1	0	1	1	0	2	0	2	0	0	1	61.3	15.7
T	15	0	0	0	0	0	0	0	1	2	2	1	2	2	0	3	1	0	1	58.8	14.4
C03 GUM																					
M	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	38.0	0.0
F	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	72.7	11.6
T	4	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	64.0	19.8
C04 FLOOR OF MOUTH																					
M	5	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	1	0	0	58.6	10.2
F	2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	37.0	25.5
T	7	0	0	0	1	0	0	0	0	0	1	0	4	0	0	0	1	0	0	52.4	17.0
C05 PALATE																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	73.5	7.8
F	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	28.0	5.7
T	4	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	50.7	26.9
C06 OTHER AND UNSPECIFIED PART OF MOUTH																					
M	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	63.0	7.1
F	5	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	1	0	68.6	8.3
T	7	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	1	0	67.0	7.9
C07 PAROTID GLAND																					
M	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	60.0	17.1
F	5	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	1	0	64.6	13.8
T	8	0	0	0	0	0	0	0	0	1	1	0	2	0	1	1	1	1	0	62.9	14.1
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS																					
M	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	69.5	16.3
F	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	62.0	17.4
T	5	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	65.0	15.3
C09 TONSIL																					
M	11	0	0	0	0	0	0	0	1	0	3	0	2	2	1	1	0	1	0	58.1	12.4
F	4	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	0	0	0	59.5	9.9
T	15	0	0	0	0	0	0	0	1	0	4	0	4	2	1	2	0	1	0	58.4	11.5

Site/age	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C10 OROPHARYNX																					
M	3	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	52.0	11.4
F	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	48.0	0.0
T	4	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	0	51.0	9.5
C11 NASOPHARYNX																					
M	27	0	0	0	0	0	2	2	3	4	5	2	1	5	2	0	1	0	0	48.6	13.2
F	13	0	0	0	0	0	0	2	3	1	2	1	2	1	0	0	0	1	0	48.2	13.8
T	40	0	0	0	0	0	2	4	6	5	7	3	3	6	2	0	1	1	0	48.5	13.2
C12 PYRIFORM SINUS																					
M	8	0	0	0	0	0	0	0	0	0	0	0	4	0	1	2	1	0	0	64.7	9.8
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	65.0	0.0
T	9	0	0	0	0	0	0	0	0	0	0	0	4	0	2	2	1	0	0	64.8	9.1
C13 HYPOPHARYNX																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	67.0	0.0
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	70.0	0.0
T	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	68.5	2.1
C14 ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX AND OTHER																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	78.0	0.0
T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	78.0	0.0
C15 ESOPHAGUS																					
M	41	0	0	0	0	0	0	0	0	2	5	6	8	7	9	2	1	1	0	59.0	9.0
F	7	0	0	0	0	0	1	1	0	0	0	0	1	0	2	0	1	1	0	58.3	21.5
T	48	0	0	0	0	0	1	1	0	2	5	6	9	7	11	2	2	2	0	58.9	11.3
C16 STOMACH																					
M	21	0	0	0	0	0	0	0	1	0	0	0	4	4	6	3	3	0	0	64.8	8.9
F	33	0	0	0	0	1	1	0	1	4	1	4	4	6	5	2	1	2	1	58.0	15.1
T	54	0	0	0	0	1	1	0	2	4	1	4	8	10	11	5	4	2	1	60.7	13.4
C17 SMALL INTESTINE																					
M	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	52.0	18.4
F	3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	64.7	11.6
T	5	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	1	0	0	59.6	14.1
C18 COLON																					
M	122	0	0	1	0	1	0	0	1	10	2	7	15	14	23	20	14	9	5	64.6	13.5
F	127	0	0	0	0	0	1	2	1	7	5	15	13	29	13	10	20	8	3	63.2	12.8
T	249	0	0	1	0	1	1	2	2	17	7	22	28	43	36	30	34	17	8	63.8	13.1
C19 RECTOSIGMOID JUNCTION																					
M	7	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	2	0	0	69.8	5.8
F	6	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	0	53.7	11.3
T	13	0	0	0	0	0	0	0	0	1	2	0	1	3	3	1	2	0	0	62.4	11.9
C20 RECTUM																					
M	77	0	0	0	0	0	0	1	3	0	4	7	14	17	10	6	7	7	1	63.1	11.7
F	62	0	0	0	0	0	0	2	3	2	4	3	11	7	9	8	10	2	1	62.1	13.4
T	139	0	0	0	0	0	0	3	6	2	8	10	25	24	19	14	17	9	2	62.6	12.5

Site/age	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C21 ANUS AND ANAL CANAL																					
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	90.0	0.0
T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	90.0	0.0
C22 LIVER AND INTRAHEPATIC BILE DUCTS																					
M	194	2	0	0	0	0	0	2	1	5	13	32	33	33	29	18	14	8	4	60.8	12.1
F	89	1	0	0	0	0	1	0	0	4	3	5	14	17	12	16	9	5	2	64.0	13.1
T	283	3	0	0	0	0	1	2	1	9	16	37	47	50	41	34	23	13	6	61.8	12.5
C23 GALLBLADDER																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	71.5	12.0
F	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	51.0	0.0
T	3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	64.7	14.6
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT																					
M	10	0	0	0	0	0	0	0	0	0	1	0	2	2	1	3	0	0	1	65.5	11.1
F	12	0	0	0	0	0	0	1	0	1	0	0	2	0	6	0	1	1	0	62.0	14.1
T	22	0	0	0	0	0	0	1	0	1	1	0	4	2	7	3	1	1	1	63.6	12.7
C25 PANCREAS																					
M	30	0	0	1	0	0	0	0	0	1	1	3	4	7	3	3	5	2	0	63.3	14.0
F	15	0	0	0	0	0	1	0	0	0	1	0	1	1	3	2	5	1	0	67.3	14.8
T	45	0	0	1	0	0	1	0	0	1	2	3	5	8	6	5	10	3	0	64.6	14.2
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER																					
M	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	57.0	2.8
T	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	57.0	2.8
C30 NASAL CAVITY AND MIDDLE EAR																					
M	7	0	0	0	0	0	1	0	1	1	2	0	1	0	0	1	0	0	0	46.7	14.2
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	8	0	0	0	0	0	1	0	1	1	3	0	1	0	0	1	0	0	0	47.0	13.2
C31 ACCESSORY SINUSES																					
M	5	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	1	0	68.4	9.3
F	4	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	1	51.0	26.7
T	9	0	0	0	0	1	0	0	1	0	0	0	1	2	1	1	0	1	1	60.7	19.8
C32 LARYNX																					
M	19	0	0	0	0	0	0	0	0	0	1	4	0	3	3	4	1	2	1	66.6	11.5
T	19	0	0	0	0	0	0	0	0	0	1	4	0	3	3	4	1	2	1	66.6	11.5
C34 LUNG AND BRONCHUS																					
M	132	0	0	0	0	0	0	1	0	1	2	8	17	27	30	16	14	11	5	66.7	9.7
F	137	0	0	0	0	1	0	0	4	6	8	15	25	16	21	13	17	8	3	62.5	12.4
T	269	0	0	0	0	1	0	1	4	7	10	23	42	43	51	29	31	19	8	64.6	11.3
C37 THYMUS																					
M	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	13.5	19.1
F	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	58.5	6.4
T	4	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	36.0	28.5
C38 HEART, MEDIASTINUM AND PLEURA																					
M	7	0	1	1	2	0	0	1	1	0	0	0	0	0	0	0	1	0	0	28.6	24.5
F	3	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	34.3	23.5
T	10	0	1	2	2	0	0	2	1	0	0	0	1	0	0	0	1	0	0	30.3	23.1

Site/age	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS																					
M	4	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.0	2.2
F	4	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	43.7	25.3
T	8	0	0	2	3	0	1	0	0	0	0	0	1	0	0	1	0	0	0	28.9	23.0
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES																					
M	10	2	0	1	2	0	1	0	0	0	1	0	0	1	1	0	0	0	1	34.2	29.7
F	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	40.0	2.8
T	12	2	0	1	2	0	1	0	1	1	1	0	0	1	1	0	0	0	1	35.2	27.0
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS																					
M	88	6	3	4	2	2	1	2	6	8	5	6	6	8	6	16	3	3	1	49.1	23.9
F	83	8	1	2	2	2	2	2	2	3	3	5	13	9	10	10	6	2	1	51.2	23.8
T	171	14	4	6	4	4	3	4	8	11	8	11	19	17	16	26	9	5	2	50.1	23.8
C44 SKIN																					
M	58	0	0	0	0	0	3	0	0	0	2	6	6	11	8	9	5	4	4	64.9	13.9
F	64	0	0	0	0	0	0	2	0	2	2	6	4	6	8	7	8	8	11	69.8	15.5
T	122	0	0	0	0	0	3	2	0	2	4	12	10	17	16	16	13	12	15	67.5	14.9
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	47.0	0.0
T	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	47.0	0.0
C48 RETROPERITONEUM AND PERITONEUM																					
M	3	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	29.0	8.9
F	8	0	0	0	0	0	0	0	0	2	0	2	1	2	0	1	0	0	0	55.2	9.2
T	11	0	0	0	1	0	0	1	1	2	0	2	1	2	0	1	0	0	0	48.1	15.0
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES																					
M	11	0	0	1	1	0	0	0	0	1	1	1	2	1	1	0	1	1	0	52.4	21.5
F	8	0	0	0	0	0	0	0	2	1	0	0	3	0	0	1	1	0	0	54.4	15.2
T	19	0	0	1	1	0	0	0	2	2	1	1	5	1	1	1	2	1	0	53.2	18.6
C50 BREAST																					
M	4	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	0	0	57.7	13.0
F	662	0	0	0	0	1	10	10	57	90	119	95	104	71	48	22	20	9	6	52.9	11.9
T	666	0	0	0	0	1	10	10	57	91	119	96	104	71	50	22	20	9	6	52.9	11.9
C51 VULVA																					
F	6	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	1	0	0	66.0	6.9
T	6	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	1	0	0	66.0	6.9
C52 VAGINA																					
F	2	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	55.5	10.6
T	2	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	55.5	10.6
C53 CERVIX UTERI																					
F	105	0	0	0	0	0	2	6	6	12	12	19	9	19	10	3	3	2	2	54.1	12.8
T	105	0	0	0	0	0	2	6	6	12	12	19	9	19	10	3	3	2	2	54.1	12.8
C54 CORPUS UTERI																					
F	103	0	0	0	0	0	0	2	6	5	10	19	10	23	11	11	4	1	1	57.7	11.3
T	103	0	0	0	0	0	0	2	6	5	10	19	10	23	11	11	4	1	1	57.7	11.3
C56 OVARY																					
F	62	0	0	0	1	1	0	3	4	5	7	13	10	4	6	2	2	3	1	54.0	14.6
T	62	0	0	0	1	1	0	3	4	5	7	13	10	4	6	2	2	3	1	54.0	14.6

Site/age	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	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	54.0	0.0
T	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	54.0	0.0
C58 PLACENTA																					
F	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	44.0	0.0
T	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	44.0	0.0
C60 PENIS																					
M	11	0	0	0	0	0	0	0	1	0	2	3	2	1	0	0	0	2	0	57.2	14.5
T	11	0	0	0	0	0	0	0	1	0	2	3	2	1	0	0	0	2	0	57.2	14.5
C61 PROSTATE GLAND																					
M	204	0	0	0	0	0	0	0	0	1	1	6	19	37	42	42	34	15	7	69.2	8.8
T	204	0	0	0	0	0	0	0	0	1	1	6	19	37	42	42	34	15	7	69.2	8.8
C62 TESTIS																					
M	8	1	0	0	0	1	1	2	2	1	0	0	0	0	0	0	0	0	0	28.5	13.0
T	8	1	0	0	0	1	1	2	2	1	0	0	0	0	0	0	0	0	0	28.5	13.0
C64 KIDNEY																					
M	45	0	0	1	0	0	0	0	1	7	7	4	3	9	4	4	2	3	0	56.9	14.5
F	20	0	0	0	0	0	0	2	0	0	1	2	2	3	3	3	4	0	0	61.8	13.3
T	65	0	0	1	0	0	0	2	1	7	8	6	5	12	7	7	6	3	0	58.4	14.2
C65 RENAL PELVIS																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	66.5	7.8
F	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	66.7	8.1
T	5	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	66.6	6.9
C66 URETER																					
M	4	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	67.3	11.8
F	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	65.3	7.4
T	7	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	0	1	0	66.4	9.4
C67 URINARY BLADDER																					
M	60	0	0	0	0	0	1	0	0	1	3	5	2	7	12	13	10	5	1	67.3	11.4
F	21	0	0	0	0	0	0	0	0	0	1	1	3	5	3	3	0	3	2	67.4	11.9
T	81	0	0	0	0	0	1	0	0	1	4	6	5	12	15	16	10	8	3	67.3	11.5
C69 EYE AND ADNEXA																					
M	11	7	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	0	23.1	31.9
F	18	8	1	0	0	1	0	1	0	0	0	0	2	0	0	1	2	1	1	31.7	34.7
T	29	15	1	0	0	1	0	1	1	0	0	0	3	0	0	2	3	1	1	28.4	33.3
C71 BRAIN																					
M	36	8	6	3	0	0	1	1	1	1	3	2	2	2	1	3	1	1	0	32.3	27.8
F	23	1	1	1	2	1	1	1	1	3	4	1	1	2	2	0	1	0	0	40.0	21.1
T	59	9	7	4	2	1	2	2	2	4	7	3	3	4	3	3	2	1	0	35.3	25.5
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM																					
M	4	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	28.0	25.6
F	5	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	43.4	29.6
T	9	1	0	3	0	0	0	0	1	0	0	0	2	1	0	0	1	0	0	36.6	27.4

Site/age	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C73 THYROID GLAND																					
M	30	0	0	0	0	0	0	5	3	4	5	3	0	5	1	2	1	0	1	50.7	15.4
F	126	0	0	1	4	4	10	19	6	7	13	14	19	14	6	3	2	3	1	47.2	16.3
T	156	0	0	1	4	4	10	24	9	11	18	17	19	19	7	5	3	3	2	47.8	16.1
C74 ADRENAL GLAND																					
M	4	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	17.5	25.0
F	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.0	0.0
T	5	2	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	16.8	21.7
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES																					
M	4	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	21.2	17.9
F	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	15.0	17.0
T	6	1	0	3	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	19.2	16.1
C76 OTHER AND ILL-DEFINED SITES																					
M	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	42.0	0.0
T	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	42.0	0.0
C77 LYMPH NODES																					
M	61	1	1	2	2	1	3	1	2	2	3	5	10	12	4	3	6	2	1	53.6	20.4
F	70	0	1	0	0	5	3	8	4	4	5	5	6	9	5	6	6	2	1	52.3	18.7
T	131	1	2	2	2	6	6	9	6	6	8	10	16	21	9	9	12	4	2	52.9	19.4
C80 UNKNOWN PRIMARY SITE																					
M	7	0	0	1	0	0	0	0	0	0	1	0	1	0	3	0	1	0	0	56.4	21.2
F	6	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	0	1	0	65.5	11.0
T	13	0	0	1	0	0	0	0	0	0	1	1	2	1	3	2	1	1	0	60.6	17.2

Table 4.4 Number of cancer case by primary site.

ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C00 LIP	**0**	**4**	**4**
C00.0 External upper lip	0	1	1
C00.1 External lower lip	0	3	3
C01 BASE OF TOUNGUE	**8**	**4**	**12**
C01.9 Base of tongue, NOS	8	4	12
C02 OTHER AND UNSPECIFIED PART OF TONGUE	**7**	**8**	**15**
C02.1 Border of tongue	1	1	2
C02.3 Anterior 2/3 of tongue, NOS	0	1	1
C02.9 Tongue, NOS	6	6	12
C03 GUM	**1**	**3**	**4**
C03.1 Lower gum	1	2	3
C03.9 Gum, NOS	0	1	1
C04 FLOOR OF MOUTH	**5**	**2**	**7**
C04.9 Floor of mouth, NOS	5	2	7
C05 PALATE	**2**	**2**	**4**
C05.0 Hard palate	2	1	3
C05.1 Soft palate, NOS	0	1	1
C06 OTHER AND UNSPECIFIED PART OF MOUTH	**2**	**5**	**7**
C06.0 Cheek mucosa	1	5	6
C06.2 Retromolar area	1	0	1
C07 PAROTID GLAND	**3**	**5**	**8**
C07.9 Parotid gland	3	5	8
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS	**2**	**3**	**5**
C08.0 Submandibular gland	2	3	5
C09 TONSIL	**11**	**4**	**15**
C09.0 Tonsillar fossa	1	0	1
C09.9 Tonsil, NOS	10	4	14
C10 OROPHARYNX	**3**	**1**	**4**
C10.8 Overl. lesion of oropharynx	1	0	1
C10.9 Oropharynx, NOS	2	1	3
C11 NASOPHARYNX	**27**	**13**	**40**
C11.1 Posterior wall of nasopharynx	1	0	1
C11.9 Nasopharynx, NOS	26	13	39
C12 PYRIFORM SINUS	**8**	**1**	**9**
C12.9 Pyriform sinus	8	1	9
C13 HYPOPHARYNX	**1**	**1**	**2**
C13.1 Hypopharyngeal aspect of aryepiglottic fold	1	0	1
C13.9 Hypopharynx, NOS	0	1	1
C14 ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX AND OTHER	**1**	**0**	**1**
C14.0 Pharynx, NOS	1	0	1
C15 ESOPHAGUS	**41**	**7**	**48**
C15.0 Cervical esophagus	2	1	3
C15.1 Thoracic esophagus	12	0	12
C15.3 Upper third of esophagus	2	0	2
C15.4 Middle third of esophagus	1	0	1
C15.5 Lower third of esophagus	10	4	14
C15.9 Esophagus, NOS	14	2	16

ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C16 STOMACH	**21**	**33**	**54**
C16.0 Cardia, NOS	3	5	8
C16.2 Body of stomach	1	1	2
C16.3 Gastric antrum	1	2	3
C16.4 Pylorus	2	0	2
C16.5 Lesser curvature of stomach, NOS	2	0	2
C16.8 Overl. lesion of stomach	0	2	2
C16.9 Stomach, NOS	12	23	35
C17 SMALL INTESTINE	**2**	**3**	**5**
C17.0 Duodenum	2	1	3
C17.2 Ileum	0	2	2
C18 COLON	**122**	**127**	**249**
C18.0 Cecum	10	12	22
C18.1 Appendix	0	4	4
C18.2 Ascending colon	13	24	37
C18.3 Hepatic flexure of colon	5	6	11
C18.4 Transverse colon	13	12	25
C18.5 Splenic flexure of colon	1	4	5
C18.6 Descending colon	15	10	25
C18.7 Sigmoid colon	54	46	100
C18.9 Colon, NOS	11	9	20
C19 RECTOSIGMOID JUNCTION	**7**	**6**	**13**
C19.9 Rectosigmoid junction	7	6	13
C20 RECTUM	**77**	**62**	**139**
C20.9 Rectum, NOS	77	62	139
C21 ANUS AND ANAL CANAL	**0**	**1**	**1**
C21.0 Anus, NOS	0	1	1
C22 LIVER AND INTRAHEPATIC BILE DUCTS	**193**	**89**	**283**
C22.0 Liver	150	51	201
C22.1 Intrahepatic bile duct	44	38	82
C23 GALLBLADDER	**2**	**1**	**3**
C23.9 Gallbladder	2	1	3
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT	**10**	**12**	**22**
C24.0 Extrahepatic bile duct	5	5	10
C24.1 Ampulla of Vater	5	7	12
C25 PANCREAS	**30**	**15**	**45**
C25.0 Head of pancreas	18	7	25
C25.1 Body of pancreas	1	1	2
C25.2 Tail of pancreas	2	1	3
C25.9 Pancreas, NOS	9	6	15
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER	**2**	**0**	**2**
C26.9 Gastrointestinal tract, NOS	2	0	2
C30 NASAL CAVITY AND MIDDLE EAR	**7**	**1**	**8**
C30.0 Nasal cavity	7	1	8
C31 ACCESSORY SINUSES	**5**	**4**	**9**
C31.0 Maxillary sinus	3	0	3
C31.1 Ethmoid sinus	2	3	5
C31.3 Sphenoid sinus	0	1	1
C32 LARYNX	**19**	**0**	**19**
C32.0 Glottis	11	0	11
C32.1 Supraglottis	6	0	6
C32.9 Larynx, NOS	2	0	2

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C34 LUNG AND BRONCHUS		**132**	**137**	**269**
C34.0	Main bronchus	1	1	2
C34.1	Upper lobe, lung	50	50	100
C34.2	Middle lobe, lung	4	5	9
C34.3	Lower lobe, lung	41	40	81
C34.9	Lung, NOS	36	41	77
C37 THYMUS		**2**	**2**	**4**
C37.9	Thymus	2	2	4
C38 HEART, MEDIASTINUM AND PLEURA		**7**	**3**	**10**
C38.0	Heart	0	0	0
C38.1	Anterior mediastinum	4	3	7
C38.2	Posterior mediastinum	1	0	1
C38.3	Mediastinum, NOS	2	0	2
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS		**4**	**4**	**8**
C40.0	Long bones of upper limb, scapula and associated joints	1	1	2
C40.2	Long bones of lower limb and associated joints	3	2	5
C40.3	Short bones of lower limb and associated joints	0	1	1
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES		**10**	**2**	**12**
C41.0	Bones of skull and face and associated joints	1	1	2
C41.2	Vertebral column	3	0	3
C41.3	Rib, sternum, clavicle and associated joints	1	0	1
C41.4	Pelvic bones, sacrum, coccyx and associated joints	4	1	5
C41.9	Bone, NOS	1	0	1
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS		**88**	**83**	**171**
C42.1	Bone marrow	88	83	171
C44 SKIN		**58**	**64**	**122**
C44.0	Skin of lip, NOS	2	3	5
C44.1	Eyelid	6	3	9
C44.2	External ear	7	1	8
C44.3	Skin, other and unspecified parts of face	16	33	49
C44.4	Skin of scalp and neck	2	7	9
C44.5	Skin of trunk	6	8	14
C44.6	Skin of upper limb and shoulder	5	2	7
C44.7	Skin of lower limb and hip	10	7	17
C44.8	Overl. lesion of skin	2	0	2
C44.9	Skin, NOS	2	0	2
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYNSTEM		**1**	**0**	**1**
C47.6	Per. nerves & A.N.S. of trunk, NOS	1	0	1
C48 RETROPERITONEUM AND PERITONEUM		**3**	**8**	**11**
C48.0	Retroperitoneum	2	3	5
C48.1	Specified parts of peritoneum	1	0	1
C48.2	Peritoneum, NOS	0	5	5
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES		**11**	**8**	**19**
C49.2	Connec., subcut. and other soft tissues of lower limb and hip	4	4	8
C49.3	Connec., subcut. and other soft tissues of thorax	0	1	1

ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C49.4 Connec., subcut. and other soft tissues of abdomen	1	0	1
C49.5 Connec., subcut. and other soft tissues of pelvis	3	2	5
C49.6 Connec., subcut. and other soft tissues of trunk	1	0	1
C49.9 Connective, subcutaneous and other soft tissues, NOS	2	1	3
C50 BREAST	**4**	**662**	**666**
C50.0 Nipple	0	10	10
C50.1 Central portion of breast	1	21	22
C50.2 Upper-inner quadrant of breast	0	71	71
C50.3 Lower-inner quadrant of breast	0	25	25
C50.4 Upper-outer quadrant of breast	1	183	184
C50.5 Lower-outer quadrant of breast	0	39	39
C50.8 Overl. lesion of breast	0	13	13
C50.9 Breast, NOS	2	300	302
C51 VULVA	**0**	**6**	**6**
C51.9 Vulva, NOS	0	6	6
C52 VAGINA	**0**	**2**	**2**
C52.9 Vagina, NOS	0	2	2
C53 CERVIX UTERI	**0**	**105**	**105**
C53.0 Endocervix	0	22	22
C53.1 Exocervix	0	64	64
C53.8 Overl. lesion of cervix uteri	0	1	1
C53.9 Cervix uteri	0	18	18
C54 CORPUS UTERI	**0**	**103**	**103**
C54.1 Endometrium	0	98	98
C54.2 Myometrium	0	1	1
C54.9 Corpus uteri	0	4	4
C56 OVARY	0	62	62
C56.9 Ovary	0	62	62
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	**0**	**1**	**1**
C57.0 Fallopian tube	0	1	1
C58 PLACENTA	0	1	1
C58.9 Placenta	0	1	1
C60 PENIS	**11**	**0**	**11**
C60.0 Prepuce	1	0	1
C60.1 Glans penis	3	0	3
C60.2 Body of penis	1	0	1
C60.9 Penis, NOS	6	0	6
C61 PROSTATE GLAND	**204**	**0**	**204**
C61.9 Prostate gland	204	0	204
C62 TESTIS	**8**	**0**	**8**
C62.0 Undescended testis	1	0	1
C62.1 Descended testis	2	0	2
C62.9 Testis, NOS	5	0	5
C64 KIDNEY	**45**	**20**	**65**
C64.9 Kidney	45	20	65
C65 RENAL PELVIS	**2**	**3**	**5**
C65.9 Renal pelvis	2	3	5
C66 URETER	**4**	**3**	**7**
C66.9 Ureter	4	3	7
C67 URINARY BLADDER	**60**	**21**	**81**
C67.4 Posterior wall of urinary bladder	1	0	1
C67.9 Bladder, NOS	59	21	80

ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C69 EYE AND ADNEXA	**11**	**18**	**29**
C69.0 Conjunctiva	1	0	1
C69.2 Retina	6	8	14
C69.3 Choroid	0	7	7
C69.6 Orbit, NOS	3	3	6
C69.9 Eye, NOS	1	0	1
C71 BRAIN	**36**	**23**	**59**
C71.1 Frontal lobe	11	7	18
C71.2 Temporal lobe	7	3	10
C71.3 Parietal lobe	1	5	6
C71.4 Occipital lobe	4	2	6
C71.5 Ventricle	2	1	3
C71.6 Cerebellum, NOS	4	0	4
C71.7 Brain stem	4	0	4
C71.8 Overl. lesion of brain	1	2	3
C71.9 Brain, NOS	2	3	5
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	**4**	**5**	**9**
C72.0 Spinal cord	0	2	2
C72.3 Optic nerve	2	1	3
C72.4 Acoustic nerve	1	0	1
C72.8 Overl. lesion of brain and CNS	1	0	1
C72.9 Nervous system, NOS	0	2	2
C73 THYROID GLAND	**30**	**126**	**156**
C73.9 Thyroid gland	30	126	156
C74 ADRENAL GLAND	**4**	**1**	**5**
C74.0 Cortex of adrenal gland	1	0	1
C74.9 Adrenal gland, NOS	3	1	4
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	**4**	**2**	**6**
C75.3 Pineal gland	3	2	5
C75.9 Endocrine gland, NOS	1	0	1
C76 OTHER AND ILL-DEFINED SITES	**1**	**0**	**1**
C76.5 Lower limb, NOS	1	0	1
C77 LYMPH NODES	**61**	**70**	**131**
C77.0 Lymph nodes of head, face and neck	17	23	40
C77.2 Intra-abdominal lymph nodes	0	3	3
C77.3 Lymph nodes of axilla or arm	0	1	1
C77.4 Lymph nodes, inguinal region or leg	4	3	7
C77.5 Pelvic lymph nodes	0	2	2
C77.8 Lymph nodes of multiple regions	1	0	1
C77.9 Lymph node, NOS	39	38	77
C80 UNKNOWN PRIMARY SITE	**7**	**6**	**13**
C80.9 Unknown primary site	7	6	13

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

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C00 LIP					
C00.0	**External upper lip**		**0**	**1**	**1**
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
C00.1	**External lower lip**		**0**	**3**	**3**
M	8051/3	Verrucous carcinoma, NOS	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	0	2	2
C01 BASE OF TOUNGUE					
C01.9	**Base of tongue, NOS**		**8**	**4**	**12**
M	8070/3	Squamous cell carcinoma, NOS	7	0	7
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	1	2
M	8140/3	Adenocarcinoma, NOS	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					
C02.1	**Border of tongue**		**1**	**1**	**2**
M	8070/3	Squamous cell carcinoma, NOS	1	1	2
C02.3	**Anterior 2/3 of tongue, NOS**		**0**	**1**	**1**
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
C02.9	**Tongue, NOS**		**6**	**6**	**12**
M	8070/3	Squamous cell carcinoma, NOS	6	6	12
C03 GUM					
C03.1	**Lower gum**		**1**	**2**	**3**
M	8070/3	Squamous cell carcinoma, NOS	1	2	3
C03.9	**Gum, NOS**		**0**	**1**	**1**
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
C04 FLOOR OF MOUTH					
C04.9	**Floor of mouth, NOS**		**5**	**2**	**7**
M	8070/3	Squamous cell carcinoma, NOS	4	0	4
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
M	8075/3	Squamous cell carcinoma, adenoid	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
C05 PALATE					
C05.0	**Hard palate**		**2**	**1**	**3**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C05.1	**Soft palate, NOS**		**0**	**1**	**1**
M	8430/3	Mucoepidermoid carcinoma	0	1	1
C06 OTHER AND UNSPECIFIED PART OF MOUTH					
C06.0	**Cheek mucosa**		**1**	**5**	**6**
M	8070/3	Squamous cell carcinoma, NOS	1	4	5
M	9699/3	Marginal zone B-cell lymphoma, NOS	0	1	1
C06.2	**Retromolar area**		**1**	**0**	**1**
M	8076/3	Squamous cell carcinoma, microinvasive	1	0	1
C07 PAROTID GLAND					
C07.9	**Parotid gland**		**3**	**5**	**8**
M	8022/3	Pleomorphic carcinoma	0	1	1
M	8033/3	Pseudosarcomatous carcinoma	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	1	1	2
M	8200/3	Adenoid cystic carcinoma	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8310/3	Clear cell adenocarcinoma, mesonephroid	0	1	1
M	8550/3	Acinar cell carcinoma	1	0	1
M	8941/3	Carcinoma in pleomorphic adenoma	1	0	1
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS					
C08.0		**Submandibular gland**	**2**	**3**	**5**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	0	1	1
M	8200/3	Adenoid cystic carcinoma	0	1	1
M	8430/3	Mucoepidermoid carcinoma	1	1	2
C09 TONSIL					
C09.0		**Tonsillar fossa**	**1**	**0**	**1**
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
C09.9		**Tonsil, NOS**	**10**	**4**	**14**
M	8033/3	Pseudosarcomatous carcinoma	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	6	1	7
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	1	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	2	2	4
C10 OROPHARYNX					
C10.8		**Overl. lesion of oropharynx**	**1**	**0**	**1**
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C10.9		**Oropharynx, NOS**	**2**	**1**	**3**
M	8070/3	Squamous cell carcinoma, NOS	2	1	3
C11 NASOPHARYNX					
C11.1		**Posterior wall of nasopharynx**	**1**	**0**	**1**
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C11.9		**Nasopharynx, NOS**	**26**	**13**	**39**
M	8010/3	Carcinoma, NOS	0	2	2
M	8020/3	Carcinoma, undifferentiated, NOS	4	3	7
M	8070/3	Squamous cell carcinoma, NOS	7	3	10
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	13	5	18
M	8140/3	Adenocarcinoma, NOS	1	0	1
C12 PYRIFORM SINUS					
C12.9		**Pyriform sinus**	**8**	**1**	**9**
M	8070/3	Squamous cell carcinoma, NOS	8	1	9
C13 HYPOPHARYNX					
C13.1		**Hypopharyngeal aspect of aryepiglottic fold**	**1**	**0**	**1**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C13.9		**Hypopharynx, NOS**	**0**	**1**	**1**
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
C14 ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX AND OTHER					
C14.0		**Pharynx, NOS**	**1**	**0**	**1**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C15 ESOPHAGUS					
C15.0	**Cervical esophagus**		**2**	**1**	**3**
M	8070/3	Squamous cell carcinoma, NOS	2	1	3
C15.1	**Thoracic esophagus**		**12**	**0**	**12**
M	8070/3	Squamous cell carcinoma, NOS	12	0	12
C15.3	**Upper third of esophagus**		**2**	**0**	**2**
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
C15.4	**Middle third of esophagus**		**1**	**0**	**1**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C15.5	**Lower third of esophagus**		**10**	**4**	**14**
M	8070/3	Squamous cell carcinoma, NOS	8	3	11
M	8140/3	Adenocarcinoma, NOS	1	1	2
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
C15.9	**Esophagus, NOS**		**14**	**2**	**16**
M	8070/3	Squamous cell carcinoma, NOS	10	0	10
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	2	0	2
M	8140/3	Adenocarcinoma, NOS	2	2	4
C16 STOMACH					
C16.0	**Cardia, NOS**		**3**	**5**	**8**
M	8140/3	Adenocarcinoma, NOS	2	4	6
M	8490/3	Metastatic signet ring cell carcinoma	0	1	1
M	8936/3	Gastrointestinal stromal sarcoma	1	0	1
C16.2	**Body of stomach**		**1**	**1**	**2**
M	8140/3	Adenocarcinoma, NOS	1	1	2
C16.3	**Gastric antrum**		**1**	**2**	**3**
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8490/3	Metastatic signet ring cell carcinoma	0	1	1
M	8936/3	Gastrointestinal stromal sarcoma	1	0	1
C16.4	**Pylorus**		**2**	**0**	**2**
M	8140/3	Adenocarcinoma, NOS	2	0	2
C16.5	**Lesser curvature of stomach, NOS**		**2**	**0**	**2**
M	8140/3	Adenocarcinoma, NOS	2	0	2
C16.8	**Overl. lesion of stomach**		**0**	**2**	**2**
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8490/3	Metastatic signet ring cell carcinoma	0	1	1
C16.9	**Stomach, NOS**		**12**	**23**	**35**
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	10	17	27
M	8240/3	Carcinoid tumor, NOS	1	0	1
M	8490/3	Metastatic signet ring cell carcinoma	1	1	2
M	8936/3	Gastrointestinal stromal sarcoma	0	2	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M	9698/3	Follicular lymphoma, grade 3	0	1	1
C17 SMALL INTESTINE					
C17.0	**Duodenum**		**2**	**1**	**3**
M	8140/3	Adenocarcinoma, NOS	1	1	2
M	8936/3	Gastrointestinal stromal sarcoma	1	0	1
C17.2	**Ileum**		**0**	**2**	**2**
M	8140/3	Adenocarcinoma, NOS	0	2	2

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C18 COLON					
C18.0	**Cecum**		**10**	**13**	**23**
M	8140/2	Adenocarcinoma in situ, NOS	0	1	1
M	8010/3	Carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	8	11	19
M	8480/3	Mucinous adenocarcinoma	1	1	2
C18.1	**Appendix**		**0**	**4**	**4**
M	8140/3	Adenocarcinoma, NOS	0	3	3
M	8480/3	Mucinous adenocarcinoma	0	1	1
C18.2	**Ascending colon**		**13**	**24**	**37**
M	8140/3	Adenocarcinoma, NOS	13	24	37
C18.3	**Hepatic flexure of colon**		**5**	**6**	**11**
M	8140/3	Adenocarcinoma, NOS	5	5	10
M	8490/3	Metastatic signet ring cell carcinoma	0	1	1
C18.4	**Transverse colon**		**13**	**12**	**25**
M	8140/3	Adenocarcinoma, NOS	13	12	25
C18.5	**Splenic flexure of colon**		**1**	**4**	**5**
M	8140/3	Adenocarcinoma, NOS	1	4	5
C18.6	**Descending colon**		**15**	**10**	**25**
M	8140/3	Adenocarcinoma, NOS	15	10	25
C18.7	**Sigmoid colon**		**54**	**47**	**101**
M	8140/2	Adenocarcinoma in situ, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	53	46	99
M	8480/3	Mucinous adenocarcinoma	1	0	1
C18.9	**Colon, NOS**		**11**	**9**	**20**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	9	7	16
M	8441/3	Serous cystadenocarcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C19 RECTOSIGMOID JUNCTION					
C19.9	**Rectosigmoid junction**		**7**	**6**	**13**
M	8140/3	Adenocarcinoma, NOS	7	6	13
C20 RECTUM					
C20.9	**Rectum, NOS**		**77**	**62**	**139**
M	8140/3	Adenocarcinoma, NOS	77	62	139
C21 ANUS AND ANAL CANAL					
C21.0	**Anus, NOS**		**0**	**1**	**1**
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
C22 LIVER AND INTRAHEPATIC BILE DUCTS					
C22.0	**Liver**		**150**	**51**	**201**
M	8140/3	Adenocarcinoma, NOS	2	2	4
M	8160/3	Cholangiocarcinoma	1	0	1
M	8170/3	Hepatocellular carcinoma, NOS	144	48	192
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8970/3	Hepatoblastoma	2	1	3
C22.1	**Intrahepatic bile duct**		**44**	**38**	**82**
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	8160/3	Cholangiocarcinoma	42	38	80
M	8170/3	Hepatocellular carcinoma, NOS	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C23 GALLBLADDER					
C23.9	**Gallbladder**		**2**	**1**	**3**
M	8140/3	Adenocarcinoma, NOS	2	1	3
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT					
C24.0	**Extrahepatic bile duct**		**5**	**5**	**10**
M	8140/3	Adenocarcinoma, NOS	1	1	2
M	8160/3	Cholangiocarcinoma	4	4	8
C24.1	**Ampulla of Vater**		**5**	**7**	**12**
M	8010/3	Carcinoma, NOS	0	3	3
M	8140/3	Adenocarcinoma, NOS	5	4	9
C25 PANCREAS					
C25.0	**Head of pancreas**		**18**	**7**	**25**
M	8010/3	Carcinoma, NOS	3	0	3
M	8140/3	Adenocarcinoma, NOS	14	6	20
M	8160/3	Cholangiocarcinoma	1	0	1
M	9690/3	Follicular lymphoma, NOS	0	1	1
C25.1	**Body of pancreas**		**1**	**1**	**2**
M	8140/3	Adenocarcinoma, NOS	1	1	2
C25.2	**Tail of pancreas**		**2**	**1**	**3**
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	9473/3	Primitive neuroectodermal tumor, NOS	0	1	1
C25.9	**Pancreas, NOS**		**9**	**6**	**15**
M	8010/3	Carcinoma, NOS	1	1	2
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
M	8140/3	Adenocarcinoma, NOS	5	5	10
M	8151/3	Insulinoma, malignant	1	0	1
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER					
C26.9	**Gastrointestinal tract, NOS**		**2**	**0**	**2**
M	8936/3	Gastrointestinal stromal sarcoma	1	0	1
M	9687/3	Burkitt lymphoma, NOS	1	0	1
C30 NASAL CAVITY AND MIDDLE EAR					
C30.0	**Nasal cavity**		**7**	**1**	**8**
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
M	8720/3	Malignant melanoma, NOS	0	1	1
M	9521/3	Olfactory neurocytoma	1	0	1
M	9522/3	Olfactory neuroblastoma	1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
M	9719/3	NK/T-cell lymphoma, nasal and nasal-type	2	0	2
C31 ACCESSORY SINUSES					
C31.0	**Maxillary sinus**		**3**	**0**	**3**
M	8070/3	Squamous cell carcinoma, NOS	3	0	3
C31.1	**Ethmoid sinus**		**2**	**3**	**5**
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
M	8430/3	Mucoepidermoid carcinoma	0	1	1
M	8910/3	Embryonal rhabdomayosarcoma, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C31.3	**Sphenoid sinus**		**0**	**1**	**1**
M	8720/3	Malignant melanoma, NOS	0	1	1
C32.0	**Glottis**		**12**	**0**	**12**
M	8070/2	Squamous cell carcinoma in situ, NOS	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8070/3	Squamous cell carcinoma, NOS	11	0	11
C32.1	**Supraglottis**		**6**	**0**	**6**
M	8070/3	Squamous cell carcinoma, NOS	6	0	6
C32.9	**Larynx, NOS**		**2**	**0**	**2**
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
C34 LUNG AND BRONCHUS					
C34.0	**Main bronchus**		**1**	**1**	**2**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
C34.1	**Upper lobe, lung**		**50**	**51**	**101**
M	8140/2	Adenocarcinoma in situ, NOS	0	1	1
M	8010/3	Carcinoma, NOS	0	2	2
M	8012/3	Large cell carcinoma, NOS	0	1	1
M	8041/3	Small cell carcinoma, NOS	7	0	7
M	8046/3	Non-small cell carcinoma	14	20	34
M	8070/3	Squamous cell carcinoma, NOS	6	1	7
M	8140/3	Adenocarcinoma, NOS	22	24	46
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8560/3	Adenosquamous carcinoma	0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C34.2	**Middle lobe, lung**		**4**	**5**	**9**
M	8046/3	Non-small cell carcinoma	2	1	3
M	8140/3	Adenocarcinoma, NOS	2	3	5
M	8249/3	Atypical carcinoid tumor	0	1	1
C34.3	**Lower lobe, lung**		**41**	**40**	**81**
M	8041/3	Small cell carcinoma, NOS	2	1	3
M	8046/3	Non-small cell carcinoma	15	14	29
M	8070/3	Squamous cell carcinoma, NOS	4	1	5
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	19	23	42
M	8480/3	Mucinous adenocarcinoma	0	1	1
C34.9	**Lung, NOS**		**36**	**41**	**77**
M	8010/3	Carcinoma, NOS	2	1	3
M	8041/3	Small cell carcinoma, NOS	1	0	1
M	8046/3	Non-small cell carcinoma	19	18	37
M	8070/3	Squamous cell carcinoma, NOS	3	1	4
M	8140/3	Adenocarcinoma, NOS	10	20	30
M	8200/3	Adenoid cystic carcinoma	0	1	1
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
C37 THYMUS					
C37.9	**Thymus**		**4**	**3**	**7**
M	8582/1	Thymoma, type AB, NOS	1	0	1
M	8584/1	Thymoma, type B2, NOS	1	1	2
M	8583/3	Thymoma, type B1, malignant	0	1	1
M	8586/3	Thymic carcinoma, NOS	1	1	2
M	9080/3	Teratoma, malignant, NOS	1	0	1
C38 HEART, MEDIASTINUM AND PLEURA					
C38.1	**Anterior mediastinum**		**4**	**3**	**7**
M	8013/3	Large cell neuroendocrine carcinoma	0	1	1
M	8020/3	Carcinoma, undifferentiated, NOS	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9064/3	Germinoma	3	0	3
M	9260/3	Ewing sarcoma	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C38.2	**Posterior mediastinum**		**1**	**0**	**1**
M	9490/3	Ganglioneuroblastoma	1	0	1
C38.3	**Mediastinum, NOS**		**2**	**0**	**2**
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	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	1	2
C40.2	**Long bones of lower limb and associated joints**		**3**	**2**	**5**
M	8800/3	Sarcoma, NOS	0	1	1
M	9180/3	Osteosarcoma, NOS	2	0	2
M	9182/3	Fibroblastic osteosarcoma	1	0	1
M	9260/3	Ewing sarcoma	0	1	1
C40.3	**Short bones of lower limb and associated joints**		**0**	**1**	**1**
M	9220/3	Chondrosarcoma, NOS	0	1	1
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES					
C41.0	**Bones of skull and face and associated joints**		**1**	**1**	**2**
M	9220/3	Chondrosarcoma, NOS	0	1	1
M	9734/3	Plasmacytoma, extramedullary	1	0	1
C41.2	**Vertebral column**		**3**	**0**	**3**
M	9080/3	Teratoma, malignant, NOS	1	0	1
M	9260/3	Ewing sarcoma	1	0	1
M	9473/3	Primitive neuroectodermal tumor, NOS	1	0	1
C41.3	**Rib, sternum, clavicle and associated joints**		**1**	**0**	**1**
M	9180/3	Osteosarcoma, NOS	1	0	1
C41.4	**Pelvic bones, sacrum, coccyx and associated joints**		**4**	**1**	**5**
M	9260/3	Ewing sarcoma	2	1	3
M	9370/3	Chordoma, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C41.9	**Bone, NOS**		**1**	**0**	**1**
M	9180/3	Osteosarcoma, NOS	1	0	1
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS					
C42.1	**Bone marrow**		**88**	**83**	**171**
M	9732/3	Multiple myeloma	22	28	50
M	9734/3	Plasmacytoma, extramedullary	1	1	2
M	9742/3	Mast cell leukemia	1	0	1
M	9805/3	Acute biphenotypic leukemia	1	0	1
M	9823/3	B-cell chronic lymphocytic leukemia/small lymphocytic lymphoma	6	0	6
M	9826/3	Burkitt cell leukemia	1	0	1
M	9835/3	Precursor cell lymphoblastic leukemia, NOS	16	15	31
M	9861/3	Acute myeloid leukemia, NOS	17	18	35
M	9863/3	Chronic myeloid leukemia, NOS	8	6	14
M	9866/3	Acute promyelocytic leukemia	0	1	1
M	9950/3	Polycythemia vera	5	0	5
M	9962/3	Essential thrombocythemia	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9989/3	Myelodysplastic syndrome, NOS	10	13	23
C44 SKIN					
C44.0	**Skin of lip, NOS**		**2**	**3**	**5**
M	8090/3	Basal cell carcinoma, NOS	2	3	5
C44.1	**Eyelid**		**6**	**3**	**9**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8090/3	Basal cell carcinoma, NOS	1	3	4
M	8410/3	Sebaceous adenocarcinoma	2	0	2
M	8480/3	Mucinous adenocarcinoma	1	0	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	1	0	1
C44.2	**External ear**		**7**	**1**	**8**
M	8070/3	Squamous cell carcinoma, NOS	5	0	5
M	8074/3	Squamous cell carcinoma, spindle cell	0	1	1
M	8090/3	Basal cell carcinoma, NOS	2	0	2
C44.3	**Skin, other and unspecified parts of face**		**17**	**33**	**50**
M	8081/2	Bowen disease	1	0	0
M	8070/3	Squamous cell carcinoma, NOS	4	5	9
M	8090/3	Basal cell carcinoma, NOS	12	28	40
C44.4	**Skin of scalp and neck**		**2**	**7**	**9**
M	8010/3	Carcinoma, NOS	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	0	3	3
M	8090/3	Basal cell carcinoma, NOS	1	3	4
M	8832/3	Dermatofibrosarcoma, NOS	1	0	1
C44.5	**Skin of trunk**		**6**	**9**	**15**
M	8070/2	Squamous cell carcinoma in situ, NOS	0	1	1
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	3	2	5
M	8090/3	Basal cell carcinoma, NOS	0	1	1
M	8093/3	Basal cell carcinoma, fibroepithelial	0	1	1
M	8542/3	Paget disease, extramammary	1	0	1
M	8720/3	Malignant melanoma, NOS	1	2	3
M	8832/3	Dermatofibrosarcoma, NOS	1	1	2
C44.6	**Skin of upper limb and shoulder**		**6**	**2**	**8**
M	8081/2	Bowen disease	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	3	0	3
M	8247/3	Merkel cell carcinoma	1	0	1
M	8413/3	Eccrine adenocarcinoma	1	0	1
M	8720/3	Malignant melanoma, NOS	0	1	1
M	8832/3	Dermatofibrosarcoma, NOS	0	1	1
C44.7	**Skin of lower limb and hip**		**10**	**7**	**17**
M	8022/3	Pleomorphic carcinoma	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	3	4	7
M	8720/3	Malignant melanoma, NOS	5	3	8
M	9700/3	Mycosis fungoides	1	0	1
C44.8	**Overl. lesion of skin**		**2**	**0**	**2**
M	8090/3	Basal cell carcinoma, NOS	1	0	1
M	9709/3	Cutaneous T-cell lymphoma, NOS	1	0	1
C44.9	**Skin, NOS**		**2**	**0**	**2**
M	9140/3	Kaposi sarcoma	1	0	1
M	9700/3	Mycosis fungoides	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYNSTEM					
C47.6	**Per. nerves & A.N.S. of trunk, NOS**		**1**	**0**	**1**
M	9540/3	Malignant peripheral nerve sheath tumor	1	0	1
C48 RETROPERITONEUM AND PERITONEUM					
C48.0	**Retroperitoneum**		**2**	**3**	**5**
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8800/3	Sarcoma, NOS	0	1	1
M	8890/3	Leiomyosarcoma, NOS	0	1	1
M	9064/3	Germinoma	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C48.1	**Specified parts of peritoneum**		**1**	**0**	**1**
M	9180/3	Osteosarcoma, NOS	1	0	1
C48.2	**Peritoneum, NOS**		**0**	**5**	**5**
M	8010/3	Carcinoma, NOS	0	2	2
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8441/3	Serous cystadenocarcinoma, NOS	0	2	2
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES					
C49.2	**Connec., subcut. and other soft tissues of lower limb and hip**		**4**	**5**	**9**
M	9751/1	Langerhans cell histiocytosis, NOS	0	1	1
M	8032/3	Spindle cell carcinoma, NOS	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8811/3	Fibromyxosarcoma	1	0	1
M	8850/3	Liposarcoma, NOS	0	1	1
M	8851/3	Liposarcoma, well differentiated	0	1	1
M	8852/3	Myxoid liposarcoma	1	0	1
M	9040/3	Synovial sarcoma, NOS	1	1	2
C49.3	**Connec., subcut. and other soft tissues of thorax**		**0**	**2**	**2**
M	8821/1	Abdominal fibromatosis	0	1	1
M	9120/3	Hemangiosarcoma	0	1	1
C49.4	**Connec., subcut. and other soft tissues of abdomen**		**1**	**0**	**1**
M	9755/3	Histiocytic sarcoma	1	0	1
C49.5	**Connec., subcut. and other soft tissues of pelvis**		**3**	**2**	**5**
M	8800/3	Sarcoma, NOS	1	0	1
M	8801/3	Spindle cell sarcoma	0	1	1
M	8852/3	Myxoid liposarcoma	2	0	2
M	8890/3	Leiomyosarcoma, NOS	0	1	1
C49.6	**Connec., subcut. and other soft tissues of trunk**		**1**	**0**	**1**
M	8800/3	Sarcoma, NOS	1	0	1
C49.9	**Connective, subcutaneous and other soft tissues, NOS**		**2**	**1**	**3**
M	8850/3	Liposarcoma, NOS	0	1	1
M	8890/3	Leiomyosarcoma, NOS	1	0	1
M	9709/3	Cutaneous T-cell lymphoma, NOS	1	0	1
C50 BREAST					
C50.0	**Nipple**		**0**	**10**	**10**
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	0	7	7
M	8510/3	Medullary carcinoma, NOS	0	1	1
M	8540/3	Paget disease and infiltrating duct carcinoma of breast	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C50.1	**Central portion of breast**		**1**	**21**	**22**
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	2	2
M	8500/3	Infiltrating duct carcinoma, NOS	1	19	20
C50.2	**Upper-inner quadrant of breast**		**0**	**76**	**76**
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	5	5
M	8500/3	Infiltrating duct carcinoma, NOS	0	65	65
M	8580/3	Thymoma, malignant, NOS	0	1	1
C50.3	**Lower-inner quadrant of breast**		**0**	**25**	**25**
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	2	2
M	8500/3	Infiltrating duct carcinoma, NOS	0	22	22
C50.4	**Upper-outer quadrant of breast**		**1**	**183**	**184**
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	20	20
M	8010/3	Carcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	2	2
M	8500/3	Infiltrating duct carcinoma, NOS	1	157	158
M	8520/3	Lobular carcinoma, NOS	0	3	3
C50.5	**Lower-outer quadrant of breast**		**0**	**39**	**39**
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	3	3
M	8500/3	Infiltrating duct carcinoma, NOS	0	36	36
C50.8	**Overl. lesion of breast**		**0**	**13**	**13**
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	1	1
M	8211/3	Tubular adenocarcinoma	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	0	9	9
M	8520/3	Lobular carcinoma, NOS	0	1	1
C50.9	**Breast, NOS**		**2**	**302**	**304**
M	8500/2	Intraductal carcinoma, noninfiltrating, NOS	0	30	30
M	8501/2	Comedocarcinoma, noninfiltrating	0	1	1
M	8010/3	Carcinoma, NOS	0	8	8
M	8140/3	Adenocarcinoma, NOS	0	3	3
M	8480/3	Mucinous adenocarcinoma	0	4	4
M	8500/3	Infiltrating duct carcinoma, NOS	1	245	246
M	8503/3	Intraductal paillary adenocarcinoma with invasion	1	1	2
M	8520/3	Lobular carcinoma, NOS	0	5	5
M	8523/3	Infiltrating duct mixed with other types of carcinoma	0	1	1
M	8530/3	Inflammatory carcinoma	0	1	1
M	9020/3	Phyllodes tumor, malignant	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	2	2
C51 VULVA					
C51.9	**Vulva, NOS**		**0**	**6**	**6**
M	8070/3	Squamous cell carcinoma, NOS	0	4	4
M	8076/3	Squamous cell carcinoma, microinvasive	0	1	1
M	8542/3	Paget disease, extramammary	0	1	1
C52 VAGINA					
C52.9	**Vagina, NOS**		**0**	**2**	**2**
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C53 CERVIX UTERI					
C53.0	**Endocervix**		**0**	**22**	**22**
M	8140/3	Adenocarcinoma, NOS	0	11	11
M	8310/3	Clear cell adenocarcinoma, mesonephroid	0	1	1
M	8384/3	Adenocarcinoma, endocervical type	0	9	9
M	8482/3	Mucinous adenocarcinoma, endocervical type	0	1	1
C53.1	**Exocervix**		**0**	**64**	**64**
M	8070/3	Squamous cell carcinoma, NOS	0	42	42
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	0	4	4
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	17	17
M	8560/3	Adenosquamous carcinoma	0	1	1
C53.8	**Overl. lesion of cervix uteri**		**0**	**1**	**1**
M	8933/3	Adenosarcoma	0	1	1
C53.9	**Cervix uteri**		**0**	**28**	**28**
M	8077/2	Squamous intraepithelial nepplasia, grade III	0	10	10
M	8010/3	Carcinoma, NOS	0	10	10
M	8041/3	Small cell carcinoma, NOS	0	2	2
M	8310/3	Clear cell adenocarcinoma, mesonephroid	0	1	1
M	8560/3	Adenosquamous carcinoma	0	3	3
M	8720/3	Malignant melanoma, NOS	0	1	1
M	9064/3	Germinoma	0	1	1
C54 CORPUS UTERI					
C54.1	**Endometrium**		**0**	**98**	**98**
M	8000/3	Neoplasm, malignant	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	7	7
M	8310/3	Clear cell adenocarcinoma, mesonephroid	0	2	2
M	8350/3	Nonencapsulated sclerosing carcinoma	0	1	1
M	8380/3	Endometrioid adenocarcinoma, NOS	0	75	75
M	8441/3	Serous cystadenocarcinoma, NOS	0	7	7
M	8931/3	Endometrial stromal sarcoma, low grade	0	1	1
M	8980/3	Carcinosarcoma, NOS	0	4	4
C54.2	**Myometrium**		**0**	**1**	**1**
M	8890/3	Leiomyosarcoma, NOS	0	1	1
C54.9	**Corpus uteri**		**0**	**4**	**4**
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8900/3	Rhabdomyosarcoma, NOS	0	1	1
M	8980/3	Carcinosarcoma, NOS	0	1	1
C56 OVARY					
C56.9	**Ovary**		**0**	**63**	**63**
M	8620/1	Granulosa cell tumor, adult type	0	1	1
M	8010/3	Carcinoma, NOS	0	2	2
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	14	14
M	8310/3	Clear cell adenocarcinoma, mesonephroid	0	19	19
M	8380/3	Endometrioid adenocarcinoma, NOS	0	2	2
M	8441/3	Serous cystadenocarcinoma, NOS	0	18	18
M	8450/3	Papillary cystadenocarcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8980/3	Carcinosarcoma, NOS	0	1	1
M	9060/3	Dysgerminoma	0	2	2
M	9080/3	Teratoma, malignant, NOS	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS					
C57.0	**Fallopian tube**		**0**	**1**	**1**
M	8441/3	Serous cystadenocarcinoma, NOS	0	1	1
C58 PLACENTA					
C58.9	**Placenta**		**0**	**1**	**1**
M	9100/3	Choriocarcinoma, NOS	0	1	1
C60 PENIS					
C60.0	**Prepuce**		**1**	**0**	**1**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C60.1	**Glans penis**		**3**	**0**	**3**
M	8070/3	Squamous cell carcinoma, NOS	3	0	3
C60.2	**Body of penis**		**1**	**0**	**1**
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C60.9	**Penis, NOS**		**7**	**0**	**7**
M	8070/2	Squamous cell carcinoma in situ, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	6	0	6
C61 PROSTATE GLAND					
C61.9	**Prostate gland**		**204**	**0**	**204**
M	8140/3	Adenocarcinoma, NOS	201	0	201
M	8550/3	Acinar cell carcinoma	3	0	3
C62 TESTIS					
C62.0	**Undescended testis**		**1**	**0**	**1**
M	9061/3	Seminoma, NOS	1	0	1
C62.1	**Descended testis**		**2**	**0**	**2**
M	9061/3	Seminoma, NOS	1	0	1
M	9085/3	Mixed germ cell tumor	1	0	1
C62.9	**Testis, NOS**		**5**	**0**	**5**
M	9061/3	Seminoma, NOS	1	0	1
M	9064/3	Germinoma	1	0	1
M	9065/3	Germ cell tumor, nonseminomatous	1	0	1
M	9085/3	Mixed germ cell tumor	2	0	2
C64 KIDNEY					
C64.9	**Kidney**		**45**	**20**	**65**
M	8120/3	Transition cell carcinoma, NOS	1	2	3
M	8260/3	Papillary adenocarcinoma, NOS	1	0	1
M	8310/3	Clear cell adenocarcinoma, mesonephroid	5	2	7
M	8312/3	Renal cell carcinoma, NOS	38	15	53
M	9691/3	Follicular lymphoma, grade 2	0	1	1
C65 RENAL PELVIS					
C65.9	**Renal pelvis**		**2**	**3**	**5**
M	8120/3	Transition cell carcinoma, NOS	2	3	5
C66 URETER					
C66.9	**Ureter**		**4**	**3**	**7**
M	8120/3	Transition cell carcinoma, NOS	4	2	6
M	8130/3	Papillary transitional cell carcinoma	0	1	1
C67 URINARY BLADDER					
C67.4	**Posterior wall of urinary bladder**		**1**	**0**	**1**
M	8120/3	Transition cell carcinoma, NOS	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C67.9	**Bladder, NOS**		**60**	**21**	**81**
M	8680/1	Paraganglioma, NOS	1	0	1
M	8010/3	Carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
M	8120/3	Transition cell carcinoma, NOS	54	20	74
M	8130/3	Papillary transitional cell carcinoma	0	1	1
M	8140/3	Adenocarcinoma, NOS	2	0	2
C69 EYE AND ADNEXA					
C69.0	**Conjunctiva**		**1**	**0**	**1**
M	8720/3	Malignant melanoma, NOS	1	0	1
C69.2	**Retina**		**6**	**8**	**14**
M	9510/3	Retinoblastoma, NOS	6	8	14
C69.3	**Choroid**		**0**	**7**	**7**
M	8720/3	Malignant melanoma, NOS	0	7	7
C69.6	**Orbit, NOS**		**3**	**3**	**6**
M	8900/3	Rhabdomyosarcoma, NOS	1	1	2
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M	9673/3	Mantle cell lymphoma	1	1	2
M	9930/3	Myeloid sarcoma	1	0	1
C69.9	**Eye, NOS**		**1**	**0**	**1**
M	9673/3	Mantle cell lymphoma	1	0	1
C71 BRAIN					
C71.1	**Frontal lobe**		**11**	**7**	**18**
M	9380/3	Glioma, malignant	1	0	1
M	9382/3	Mixed glioma	1	0	1
M	9400/3	Astrocytoma, NOS	1	1	2
M	9440/3	Glioblastoma, NOS	6	4	10
M	9450/3	Oligodendroglioma, NOS	1	0	1
M	9473/3	Primitive neuroectodermal tumor, NOS	0	1	1
M	9530/3	Meningioma, malignant	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C71.2	**Temporal lobe**		**7**	**3**	**10**
M	9392/3	Ependymoma, anaplastic	1	0	1
M	9400/3	Astrocytoma, NOS	1	1	2
M	9401/3	Astrocytoma, anaplastic	0	1	1
M	9440/3	Glioblastoma, NOS	4	0	4
M	9508/3	Atypical teratoid/rhabdoid tumor	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C71.3	**Parietal lobe**		**1**	**5**	**6**
M	9380/3	Glioma, malignant	0	1	1
M	9391/3	Ependymoma, NOS	0	1	1
M	9400/3	Astrocytoma, NOS	1	0	1
M	9440/3	Glioblastoma, NOS	0	1	1
M	9473/3	Primitive neuroectodermal tumor, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C71.4	**Occipital lobe**		**4**	**2**	**6**
M	9080/3	Teratoma, malignant, NOS	1	0	1
M	9392/3	Ependymoma, anaplastic	0	1	1
M	9411/3	Gemistocytic astrocytoma	0	1	1
M	9440/3	Glioblastoma, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C71.5	**Ventricle**		**2**	**1**	**3**
M	9391/3	Ependymoma, NOS	0	1	1
M	9392/3	Ependymoma, anaplastic	1	0	1
M	9508/3	Atypical teratoid/rhabdoid tumor	1	0	1
C71.6	**Cerebellum, NOS**		**4**	**0**	**4**
M	9401/3	Astrocytoma, anaplastic	1	0	1
M	9470/3	Medulloblastoma, NOS	2	0	2
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C71.7	**Brain stem**		**4**	**0**	**4**
M	9380/3	Glioma, malignant	2	0	2
M	9400/3	Astrocytoma, NOS	1	0	1
M	9440/3	Glioblastoma, NOS	1	0	1
C71.8	**Overl. lesion of brain**		**1**	**2**	**3**
M	9440/3	Glioblastoma, NOS	0	2	2
M	9473/3	Primitive neuroectodermal tumor, NOS	1	0	1
C71.9	**Brain, NOS**		**2**	**3**	**5**
M	9064/3	Germinoma	0	1	1
M	9380/3	Glioma, malignant	1	0	1
M	9400/3	Astrocytoma, NOS	0	1	1
M	9440/3	Glioblastoma, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM					
C72.0	**Spinal cord**		**0**	**2**	**2**
M	9400/3	Astrocytoma, NOS	0	1	1
M	9440/3	Glioblastoma, NOS	0	1	1
C72.3	**Optic nerve**		**2**	**1**	**3**
M	9064/3	Germinoma	0	1	1
M	9380/3	Glioma, malignant	1	0	1
M	9400/3	Astrocytoma, NOS	1	0	1
C72.4	**Acoustic nerve**		**1**	**0**	**1**
M	9560/0	Neurilemoma, NOS	1	0	1
C72.8	**Overl. lesion of brain and CNS**		**1**	**0**	**1**
M	9440/3	Glioblastoma, NOS	1	0	1
C72.9	**Nervous system, NOS**		**0**	**2**	**2**
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C73 THYROID GLAND					
C73.9	**Thyroid gland**		**30**	**126**	**156**
M	8021/3	Carcinoma, anaplastic, NOS	1	2	3
M	8260/3	Papillary adenocarcinoma, NOS	24	98	122
M	8330/3	Follicular adenocarcinoma, NOS	4	1	5
M	8340/3	Papillary carcinoma, follicular variant	1	13	14
M	8341/3	Papillary microcarcinoma	0	11	11
M	8345/3	Medullary carcinoma with amyloid stroma	0	1	1
C74 ADRENAL GLAND					
C74.0	**Cortex of adrenal gland**		**1**	**1**	**2**
M	8370/0	Adrenal cortical adenoma, NOS	0	1	0
M	8370/3	Adrenal cortical carcinoma	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C74.9	**Adrenal gland, NOS**		**3**	**1**	**4**
M	8370/3	Adrenal cortical carcinoma	1	0	1
M	9500/3	Neuroblastoma, NOS	2	1	3
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES					
C75.3	**Pineal gland**		**3**	**2**	**5**
M	9064/3	Germinoma	3	0	3
M	9362/3	Pineoblastoma	0	2	2
C75.9	**Endocrine gland, NOS**		**1**	**0**	**1**
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
C76 OTHER AND ILL-DEFINED SITES					
C76.5	**Lower limb, NOS**		**1**	**0**	**1**
M	8051/3	Verrucous carcinoma, NOS	1	0	1
C77 LYMPH NODES					
C77.0	**Lymph nodes of head, face and neck**		**17**	**23**	**40**
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	3	3
M	9650/3	Hodgkin lymphoma, NOS	0	4	4
M	9663/3	Hodgkin lymphoma, nodular sclerosis, NOS	0	1	1
M	9671/3	Malignant lymphoma, lymphoplasmacytic	1	0	1
M	9673/3	Mantle cell lymphoma	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	13	8	21
M	9687/3	Burkitt lymphoma, NOS	0	1	1
M	9690/3	Follicular lymphoma, NOS	1	2	3
M	9695/3	Follicular lymphoma, grade 1	0	1	1
M	9698/3	Follicular lymphoma, grade 3	1	0	1
M	9702/3	Mature T-cell lymphoma, NOS	0	1	1
M	9714/3	Anaplastic large cell lymphoma, T-cell and null cell type	0	1	1
M	9860/3	Myeloid leukemia, NOS	1	0	1
C77.2	**Intra-abdominal lymph nodes**		**0**	**3**	**3**
M	9590/3	Malignant lymphoma, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M	9687/3	Burkitt lymphoma, NOS	0	1	1
C77.3	**Lymph nodes of axilla or arm**		**0**	**1**	**1**
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C77.4	**Lymph nodes, inguinal region or leg**		**4**	**3**	**7**
M	9590/3	Malignant lymphoma, NOS	0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2
M	9690/3	Follicular lymphoma, NOS	1	0	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	1	0	1
M	9714/3	Anaplastic large cell lymphoma, T-cell and null cell type	0	1	1
C77.5	**Pelvic lymph nodes**		**0**	**2**	**2**
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M	9702/3	Mature T-cell lymphoma, NOS	0	1	1
C77.8	**Lymph nodes of multiple regions**		**1**	**0**	**1**
M	9673/3	Mantle cell lymphoma	1	0	1
C77.9	**Lymph node, NOS**		**39**	**38**	**77**
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	5	10	15
M	9650/3	Hodgkin lymphoma, NOS	4	3	7
M	9663/3	Hodgkin lymphoma, nodular sclerosis, NOS	0	2	2
M	9667/3	Hodgkin lymphoma, nodular sclerosis, grade 2	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9671/3	Malignant lymphoma, lymphoplasmacytic	1	0	1
M	9673/3	Mantle cell lymphoma	3	0	3
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	14	14	28
M	9687/3	Burkitt lymphoma, NOS	3	0	3
M	9690/3	Follicular lymphoma, NOS	4	2	6
M	9702/3	Mature T-cell lymphoma, NOS	0	2	2
M	9705/3	Angioimmunoblastic T-cell lymphoma	2	0	2
M	9708/3	Subcutaneous panniculitis-like T-cell lymphoma	0	1	1
M	9714/3	Anaplastic large cell lymphoma, T-cell and null cell type	0	1	1
M	9719/3	NK/T-cell lymphoma, nasal and nasal-type	1	2	3
M	9728/3	Precursor B-cell lymphoblastic lymphoma	1	0	1
M	9860/3	Myeloid leukemia, NOS	0	1	1
C80 UNKNOWN PRIMARY SITE					
C80.9		**Unknown primary site**	**7**	**6**	**13**
M	8010/3	Carcinoma, NOS	2	3	5
M	8070/3	Squamous cell carcinoma, NOS	3	0	3
M	8140/3	Adenocarcinoma, NOS	1	1	2
M	8246/3	Neuroendocrine carcinoma, NOS	1	1	2
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1

CHAPTER V

THE MOST COMMON CANCER SITES

BREAST

LUNG AND BRONCHUS

CERVIX UTERI

LIVER ANDINTRAHEPATIC 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)	53.2 (11.9)
Median and range age at diagnosis	52 (20:90)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	4 (0.7%)
Female	600(99.3%)
Sex ratio (male: female)	0.01:1

Table 5.2 Most valid method of diagnosis for breast cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology or metastasis	0	0.0	4	0.7	4	0.7
Histology of primary	4	100.0	596	99.3	600	99.3
Total	**4**	**100.0**	**600**	**100.0**	**604**	**100.0**

Figure 5.1 Age at diagnosis of breast cancer, 2015, by sex.

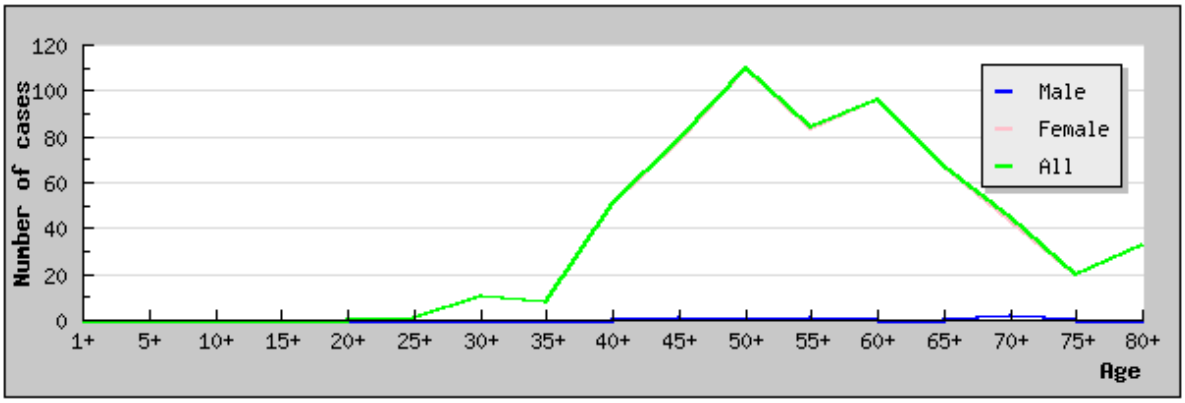


Figure 5.2 Distribution of staging for breast cancer.

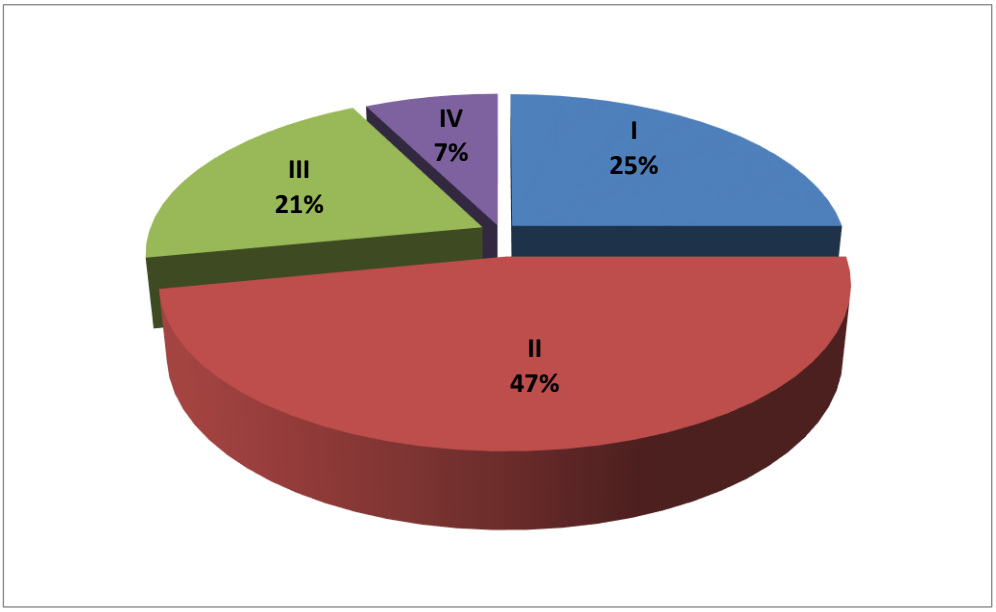
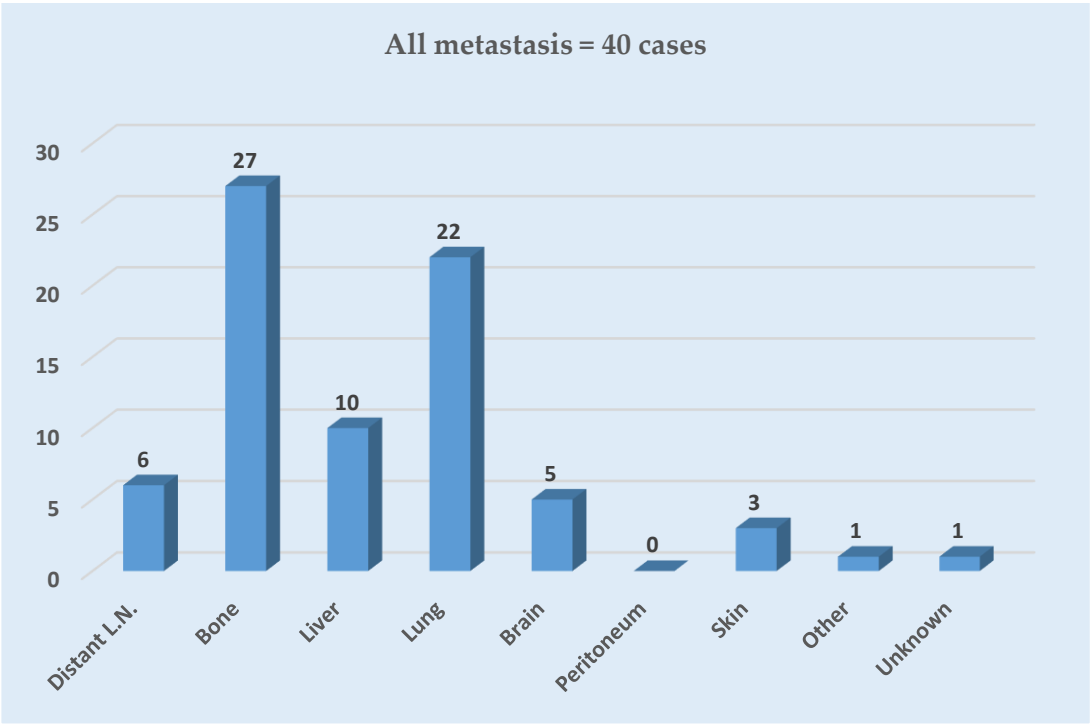


Figure 5.3 Distribution of metastasis for breast cancer.



LUNG AND BRONCHUS

Table 5.3 Age and gender of lung cancer, 2015, by sex

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	64.6 (11.3)
Median and range age at diagnosis	65 (20:89)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	132 (49.1%)
Female	137 (50.9%)
Sex ratio (male: female)	0.96:1

Table 5.4 Most valid method of diagnosis for lung cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology or metastasis	0	0.0	1	0.7	1	0.4
Histology of primary	132	100.0	136	99.3	268	99.6
Total	**132**	**100.0**	**137**	**100.0**	**269**	**100.0**

Figure 5.3 Age at diagnosis of lung cancer, 2015, by sex.

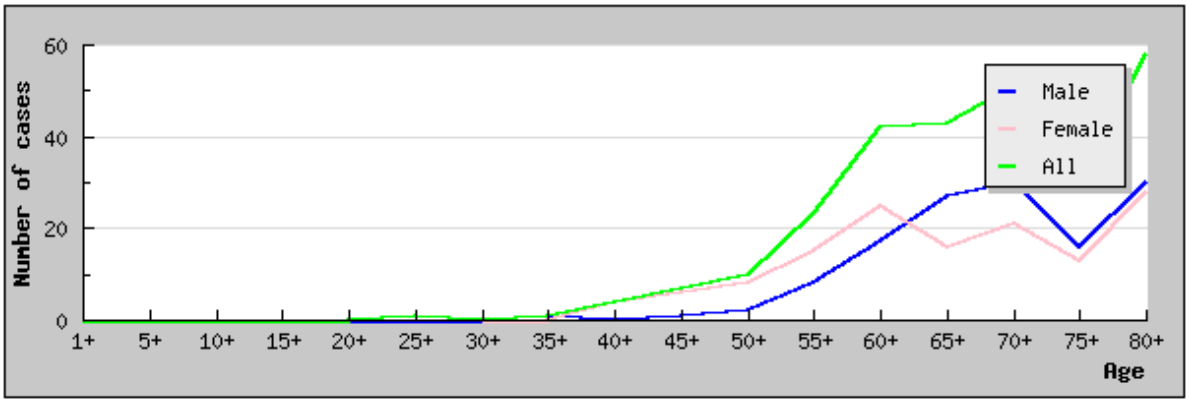


Figure 5.4 Distribution of staging for lung cancer.

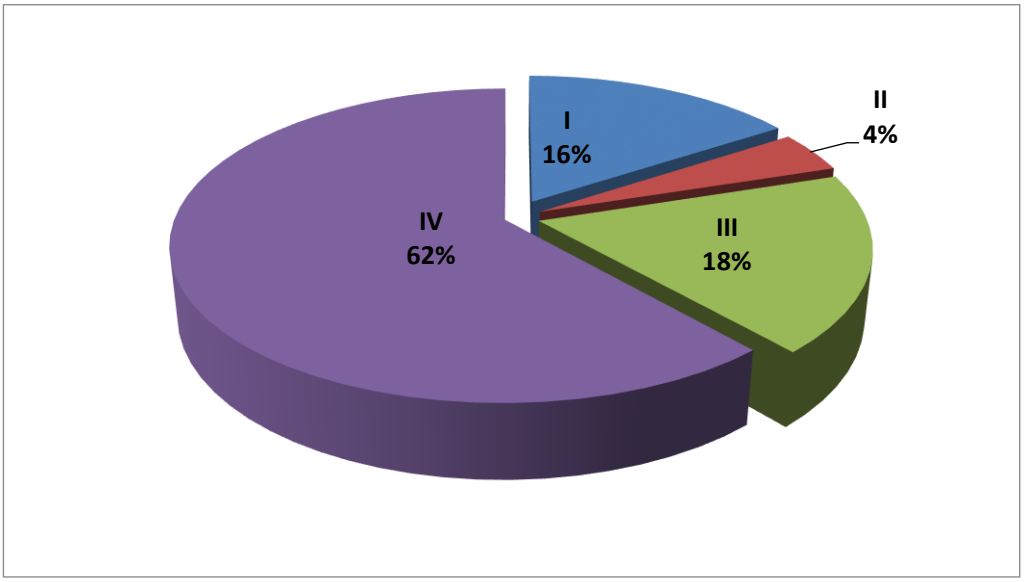
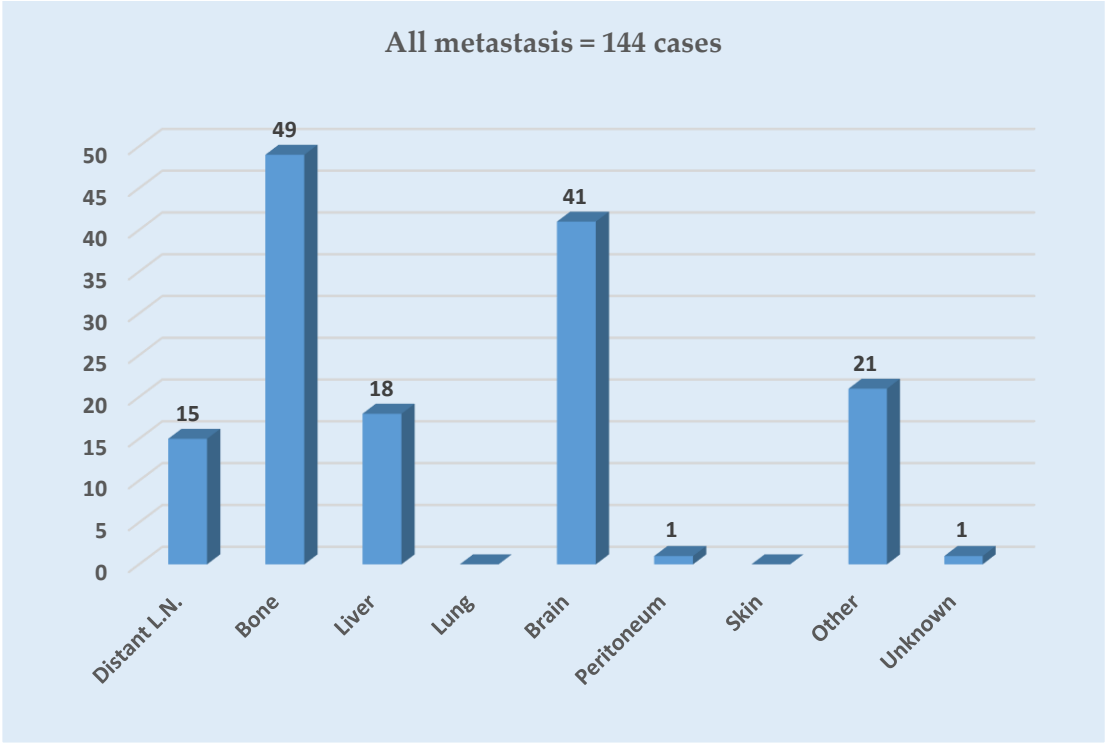


Figure 5.5 Distribution of metastasis for lung cancer.



CERVIX UTERI

Table 5.5 Age and gender of cervix uteri cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	54.1 (12.8)
Median and range age at diagnosis	52 (29:90)
% of the patient is lower than 15 year of age at diagnosis	0.00%
Gender	
Male	0 (0.0%)
Female	105(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 or metastasis	0	0.0	1	1.0	1	1.0
Histology of primary	0	0.0	104	99.0	104	99.0
Total	**0**	**0.0**	**105**	**100.0**	**105**	**100.0**

Figure 5.5 Age at diagnosis of cervix uteri cancer, 2015, by sex.

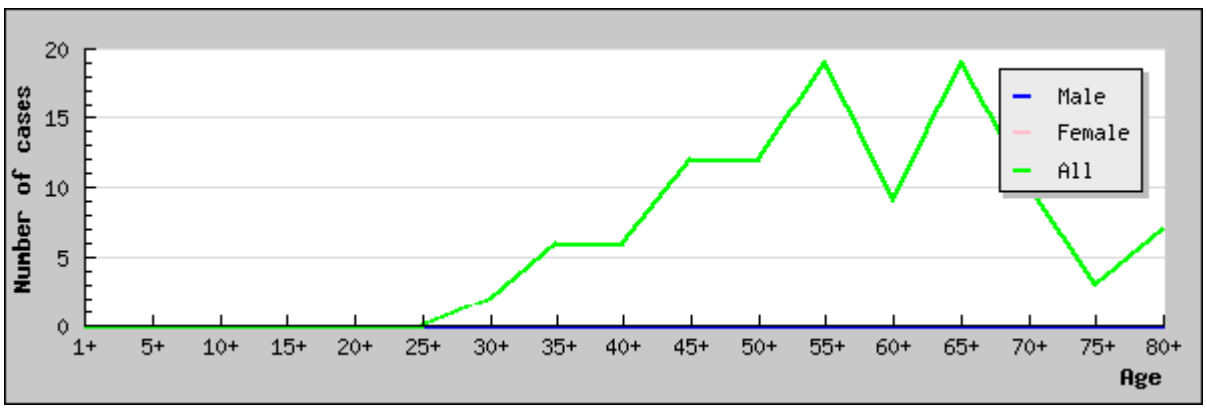


Figure 5.6 Distribution of staging for cervix uteri cancer.

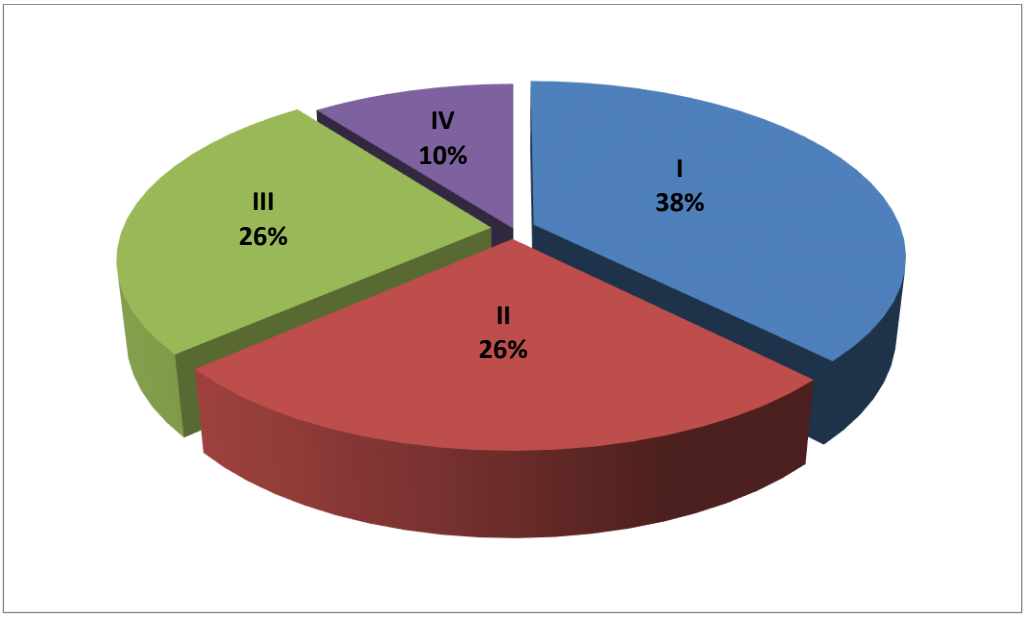
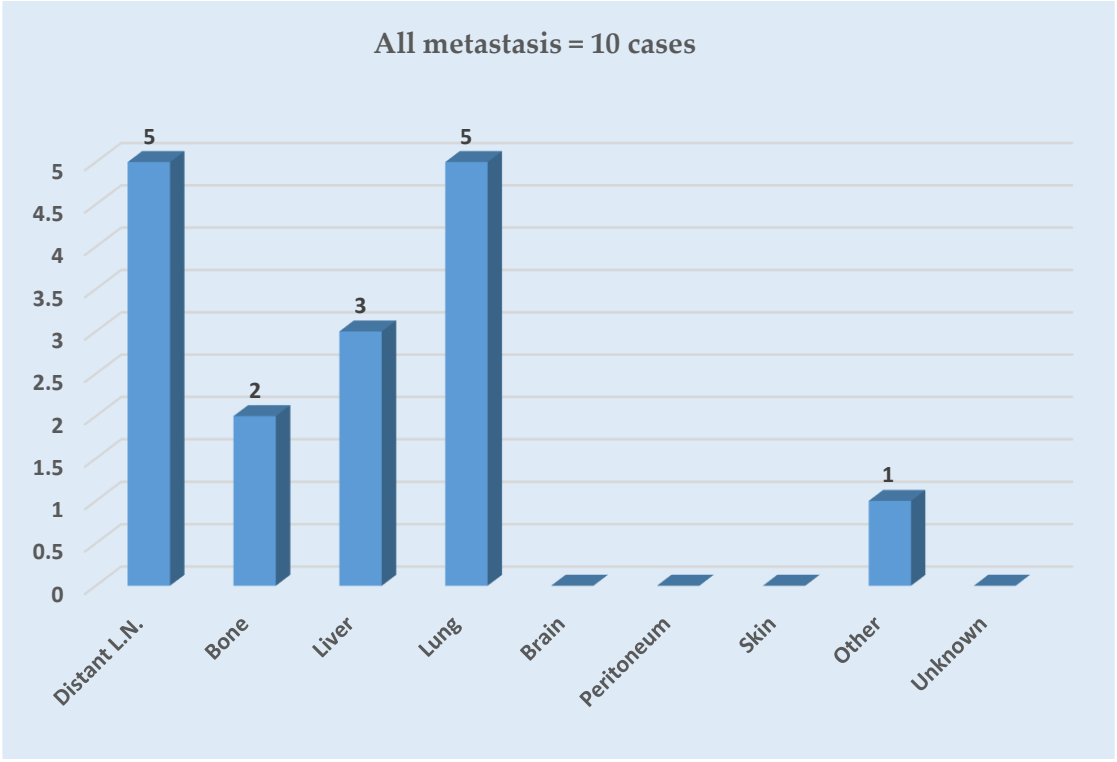


Figure 5.7 Distribution of metastasis for cervix uteri cancer.



HEMATOPOIETIC AND RETICULOENDOTHELIAL

Table 5.7 Age and gender of leukemia cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	50.1 (23.8)
Median and range age at diagnosis	57 (0:91)
% of the patient is lower than 15 year of age at diagnosis	14.0%
Gender	
Male	88 (51.5 %)
Female	83 (48.5%)
Sex ratio (male: female)	1.06:1

Table 5.8 Most valid method of diagnosis.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	88	100.0	83	100.0	171	100.0
Total	**88**	**100.0**	**83**	**100.0**	**171**	**100.0**

Figure 5.7 Age at diagnosis of leukemia cancer, 2015, by sex.

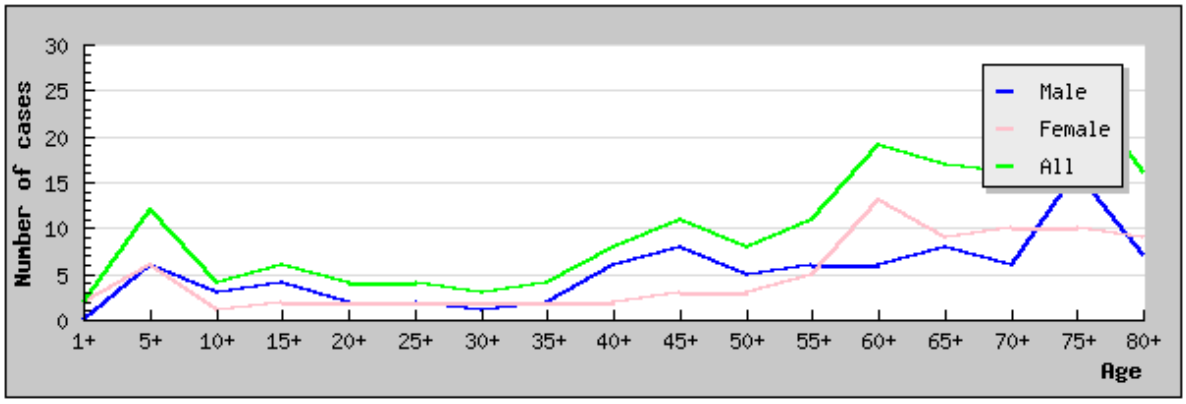
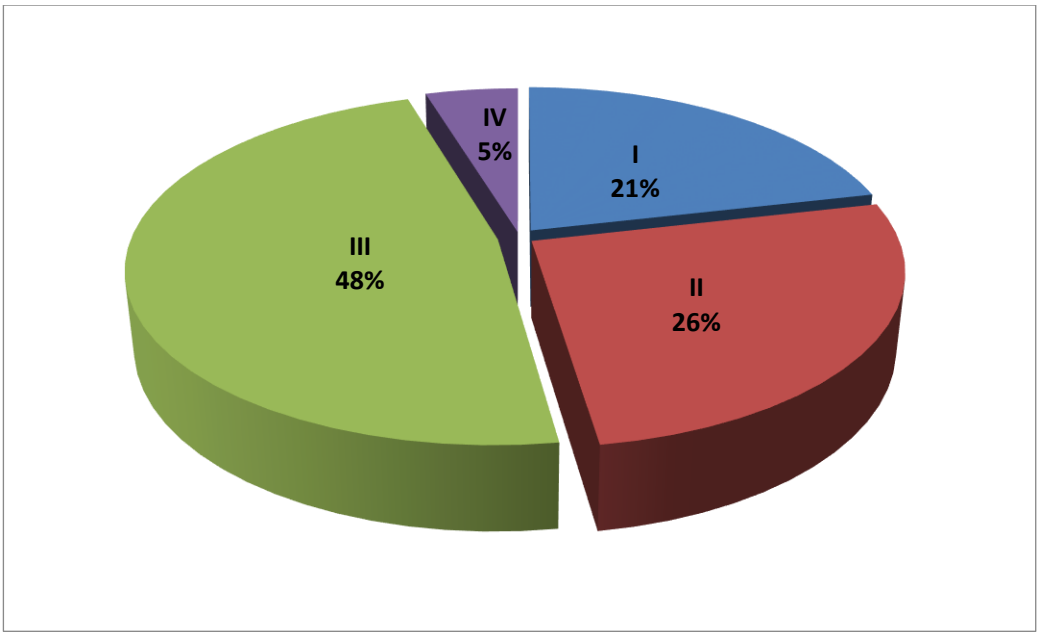


Figure 5.8 Distribution of staging for Leukemia.



LIVER ANDINTRAHEPATIC BILE DUCTS

Table 5.9 Age and gender of liver and bile duct cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	61.9 (12.5)
Median and range age at diagnosis	62 (0:93)
% of the patient is lower than 15 year of age at diagnosis	1.0%
Gender	
Male	194 (68.6%)
Female	89 (31.4%)
Sex ratio (male: female)	2.02:1

Table 5.10 Most valid method of diagnosis for liver and bile duct cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	194	100.0	89	100.0	283	100.0
Total	**194**	**100.0**	**89**	**100.0**	**283**	**100.0**

Figure 5.9 Age at diagnosis of Liver and bile duct cancer, 2015 by sex

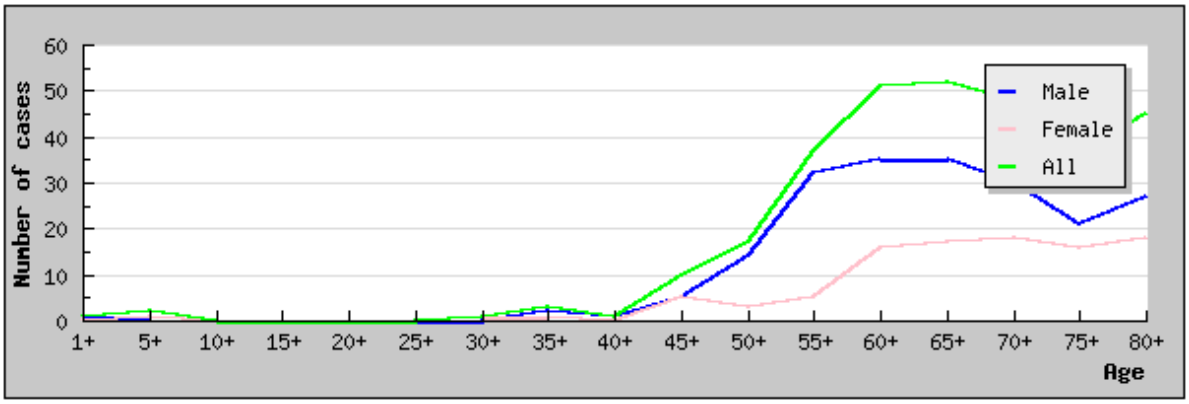


Figure 5.10 Distribution of staging for liver and bile duct cancer.

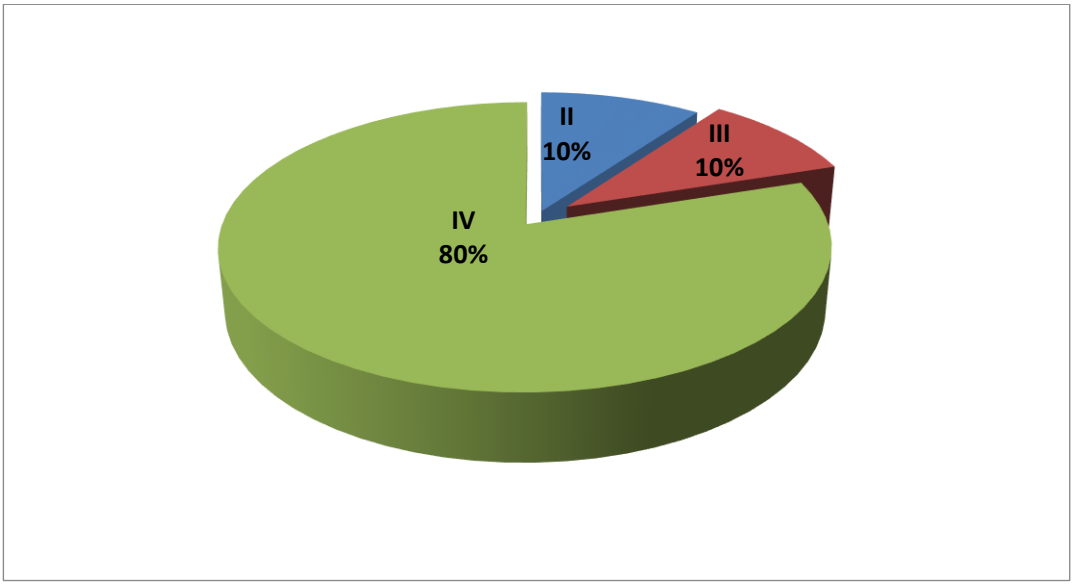
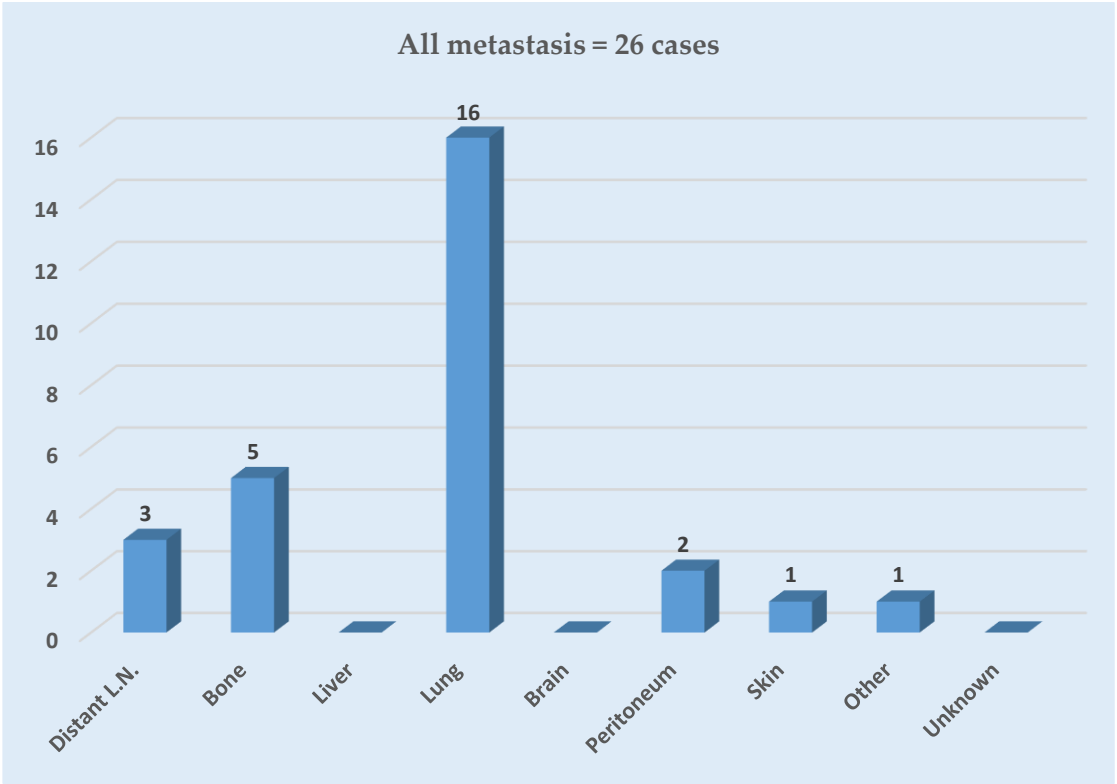


Figure 5.11 Distribution of metastasis for liver and bile duct cancer.



COLORECTAL

Table 5.11 Age and gender of Colon and Rectum cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	63.5 (12.9)
Median and range age at diagnosis	64 (14:95
% of the patient is lower than 15 year of age at diagnosis	0.3%
Gender	
Male	206 (51.2%)
Female	196(48.8%)
Sex ratio (male: female)	1.05:1

Table 5.12 Most valid method of diagnosis for colorectal cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	206	100.0	196	100.0	402	100.0
Total	**206**	**100.0**	**196**	**100.0**	**402**	**100.0**

Figure 5.11 Age at diagnosis of Colon and Rectum cancer, 2015, by sex.

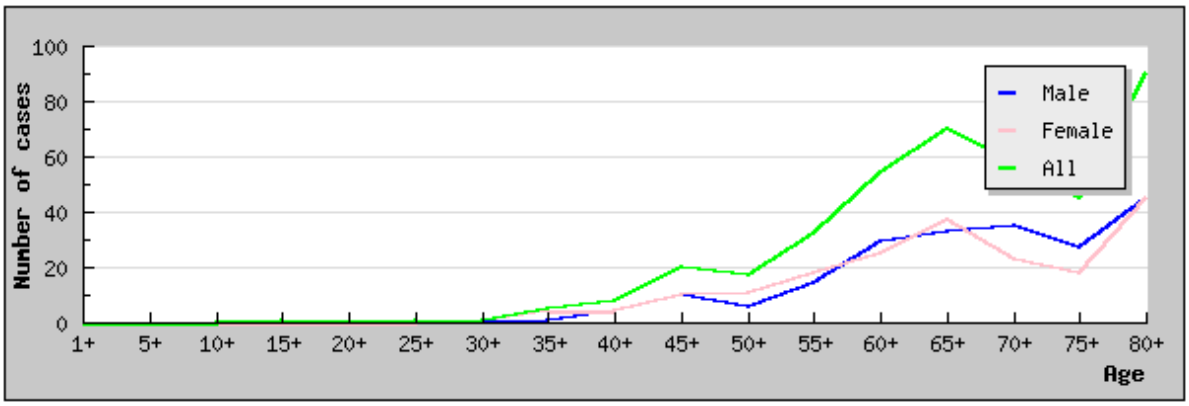
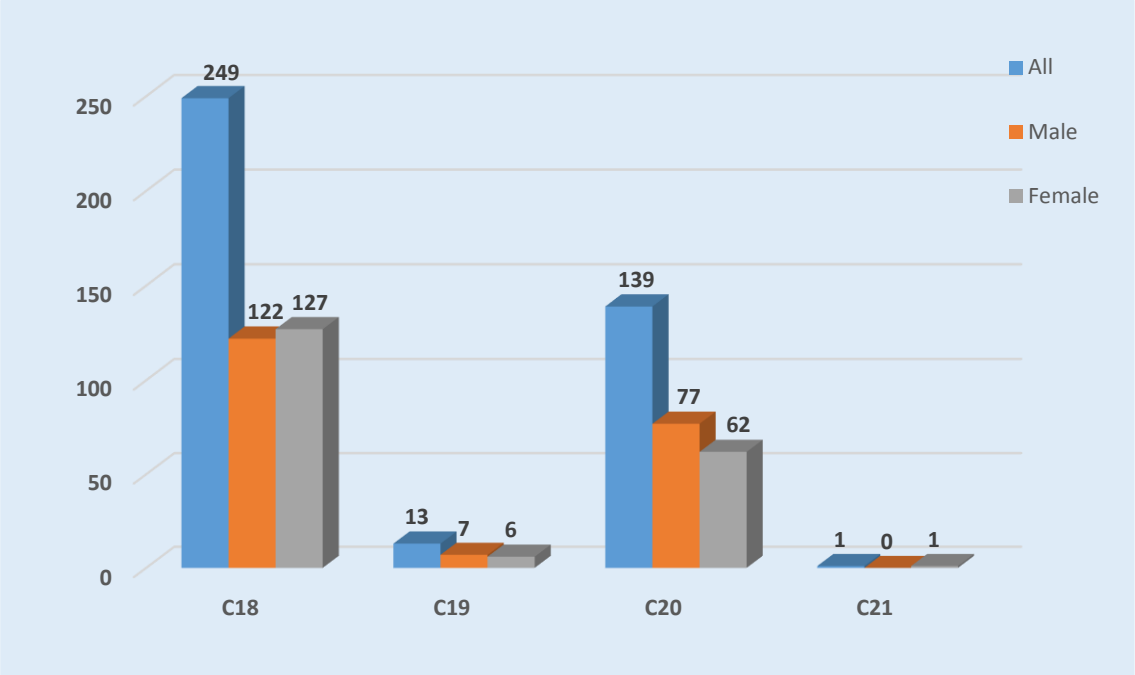


Figure 5.12 Total case by ICD-O both sex.



CHILDHOOD CANCER

Table 5.13 Type of diagnosis for Childhood Cancer

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	5.9 (5.0)
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	65 (67.7%)
Female	31 (32.3%)
Sex ratio (male: female)	2.10:1

Figure 5.13 Number of childhood cancer by ICCC group, age<15, both sexes

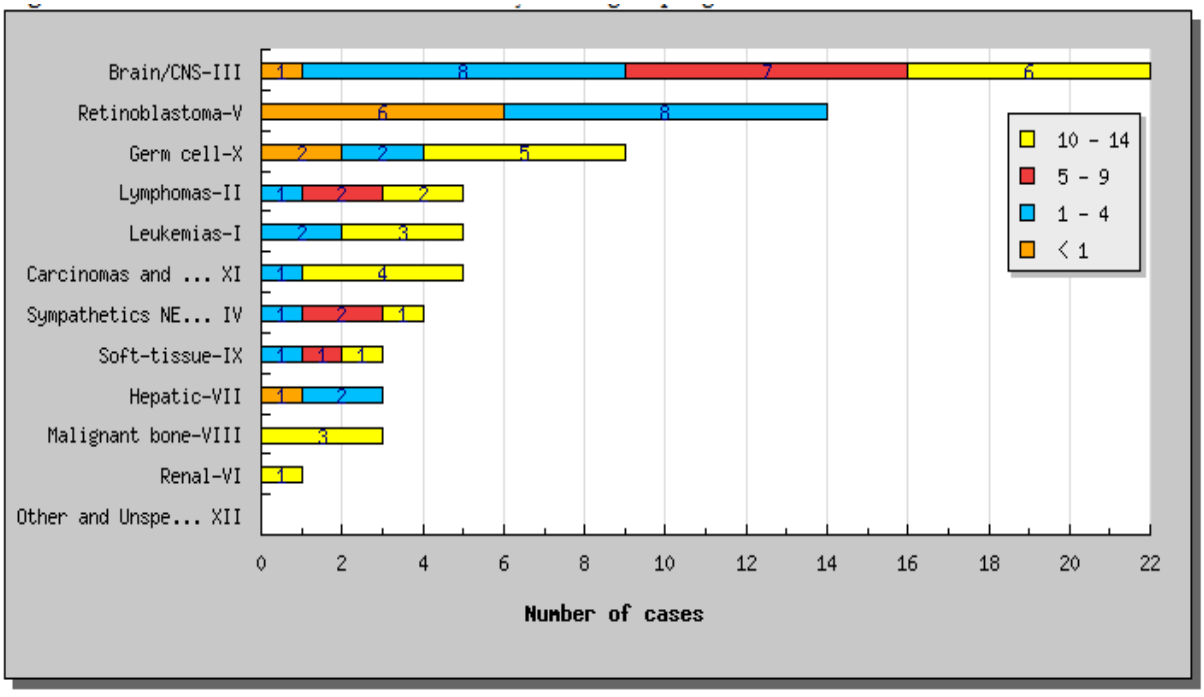
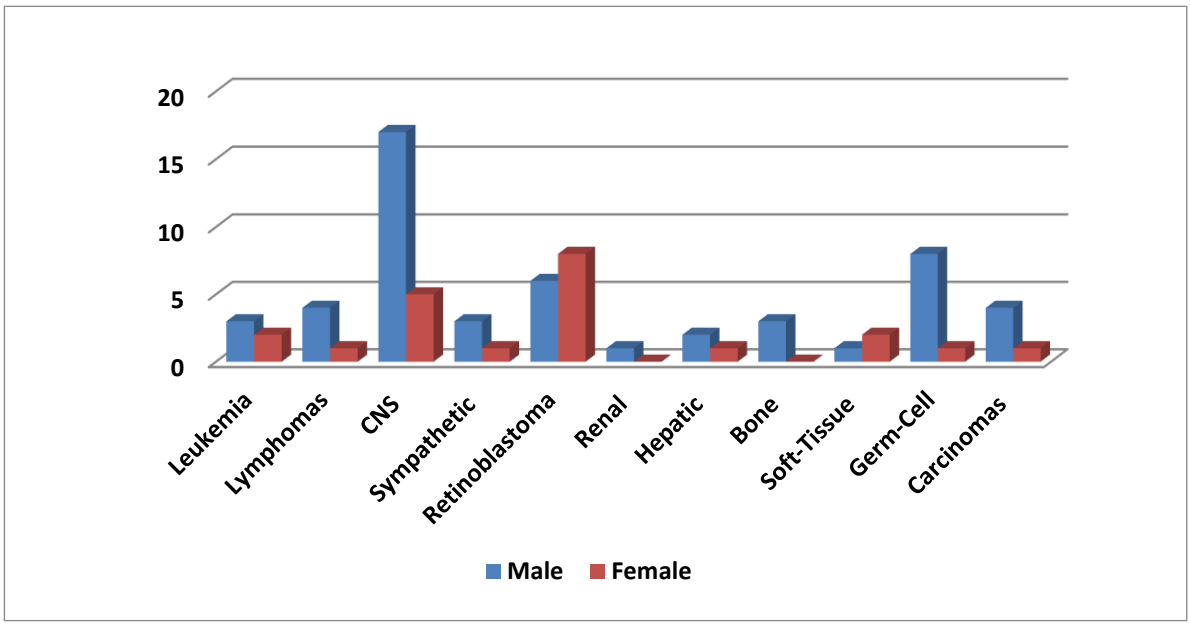


Figure 5.14 Number of Cancers in Childhood by ICCC group, age <15 both sexes

ICCC GROUP	Both sexes	Male					Female					M:F	%MV
		< 1	1-4	5-9	10-14	All	< 1	1-4	5-9	10-14	All		
I Leukemia	5	0	1	0	2	3	0	1	0	1	2	1.5:1	100.0
II Lymphomas and Reticuloendothelial Neoplasms	5	0	1	1	2	4	0	0	1	0	1	4:1	100.0
III CNS and Miscellaneous Intracranial and Intraspinal Neoplasms	22	1	6	6	4	17	0	2	1	2	5	3.4:1	100.0
IV Sympathetic Nervous System Tumors	4	0	1	2	0	3	0	0	0	1	1	3:1	100.0
V Retinoblastoma	14	3	3	0	0	6	3	5	0	0	8	0.8:1	100.0
VI Renal Tumors	1	0	0	0	1	1	0	0	0	0	0	1:0	100.0
VII Hepatic Tumors	3	1	1	0	0	2	0	1	0	0	1	2:1	100.0
VIII Malignant Bone Tumors	3	0	0	0	3	3	0	0	0	0	0	3:0	100.0
IX Soft-Tissue Sarcomas	3	0	1	0	0	1	0	0	1	1	2	0.5:1	100.0
X Germ-Cell, Trophoblastic and other Gonadal Neoplasms	9	2	2	0	4	8	0	0	0	1	1	8:1	100.0
XI Carcinomas and other Malignant Epithelial Neoplasms	5	0	1	0	3	4	0	0	0	1	1	4:1	100.0
Total	74	7	17	9	19	52	3	9	3	7	22	2.4:1	100.0

Figure 5.14 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 province, 2015

Region	Freq.	Percent
Bangkok	1,395	41.8
Central	1,141	34.2
Northern	46	1.4
North-eastern	242	7.3
Eastern	224	6.7
Western	131	3.9
Southern	158	4.7
Total	**3,337**	**100.0**

Figure 6.1 Distribution of province, 2015

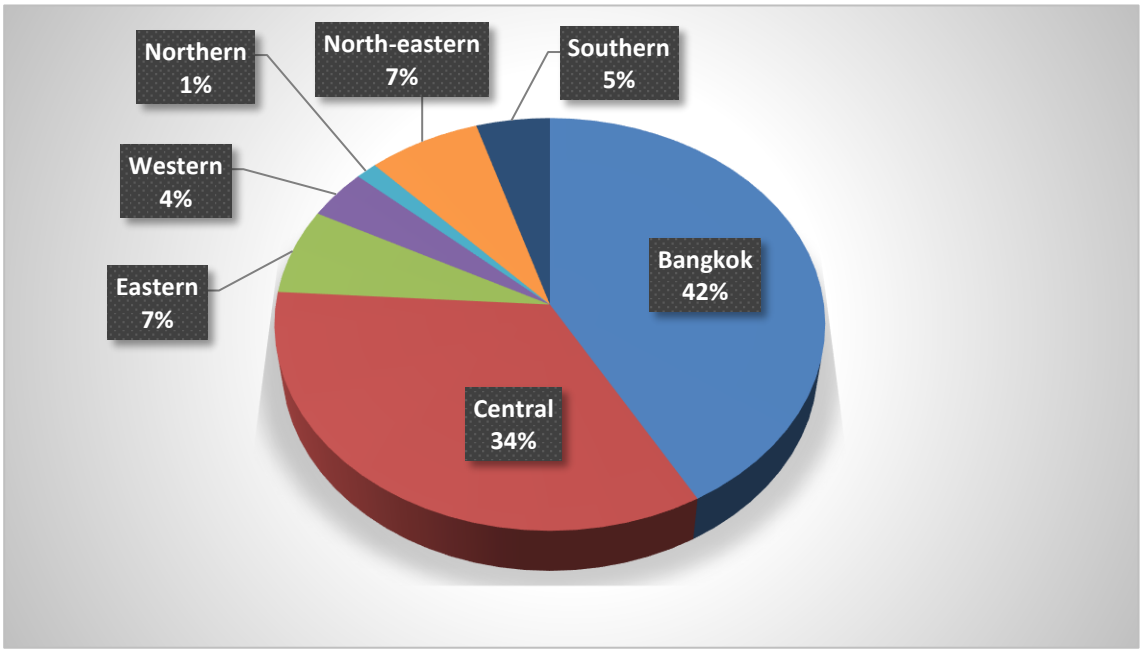


Table 6.2 Distribution of topography by Bangkok, 2015

Topography		Number	%
C11	Nasopharynx	18	1.3
C15	Esophagus	20	1.4
C16	Stomach	19	1.4
C18	Colon	117	8.4
C22	Liver and Intrahepatic bile ducts	98	7.0
C34	Bronchus and Lung	115	8.2
C42	Hematopoietic and Reticuloendothelial system	65	4.7
C44	Skin	56	4.0
C50	Breast	261	18.7
C53	Cervix uteri	47	3.4
C56	Ovary	24	1.7
C61	Prostate gland	105	7.5
C67	Bladder	40	2.9
C71	Brain	18	1.3
C73	Thyroid gland	66	4.7
C77	Lymph node	58	4.2
	Other	268	19.2
	Total	**1395**	**100.0**

Figure 6.2 Distribution of topography by Bangkok, 2015

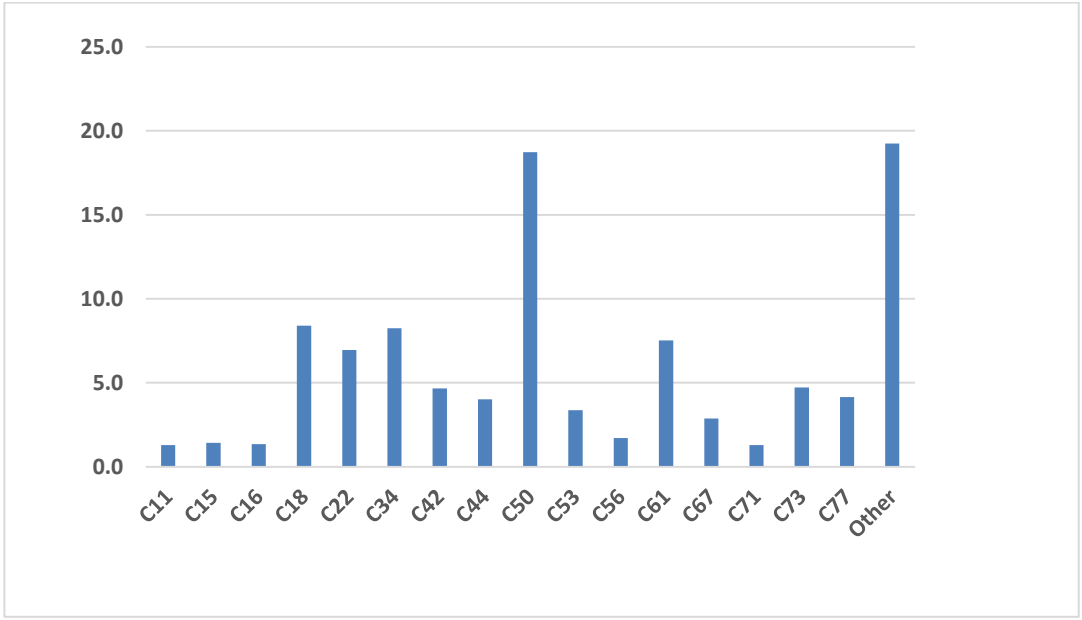


Table 6.3 Distribution of topography by Central, 2015

Topography		Number	%
C11	Nasopharynx	12	1.1
C15	Esophagus	17	1.5
C16	Stomach	22	1.9
C18	Colon	74	6.5
C22	Liver and Intrahepatic bile ducts	114	10.0
C34	Bronchus and Lung	100	8.8
C42	Hematopoietic and Reticuloendothelial system	56	4.9
C44	Skin	46	4.0
C50	Breast	215	18.8
C53	Cervix uteri	29	2.5
C54	Corpus uteri	41	3.6
C56	Ovary	23	2.0
C61	Prostate gland	52	4.6
C67	Bladder	24	2.1
C71	Brain	19	1.7
C73	Thyroid gland	55	4.8
C77	Lymph node	41	3.6
	Other	201	17.6
	Total	**1,141**	**100.0**

Figure 6.3 Distribution of topography by Central, 2015

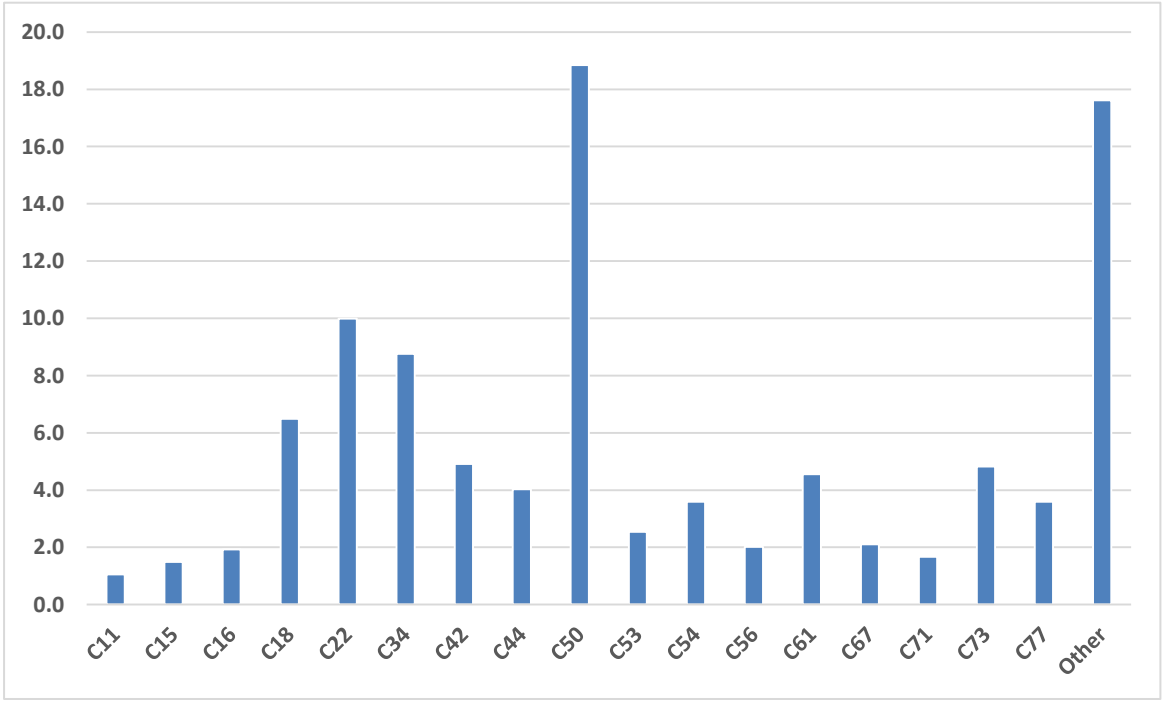


Table 6.4 Distribution of topography by Northern, 2015

Topography		Number	%
C15	Esophagus	2	4.4
C20	Rectum	4	8.7
C22	Liver and Intrahepatic bile ducts	6	13.0
C34	Bronchus and Lung	4	8.7
C42	Hematopoietic and Reticuloendothelial system	6	13.0
C44	Skin	2	4.4
C50	Breast	5	10.9
C53	Cervix uteri	1	2.2
C56	Ovary	1	2.2
C61	Prostate gland	3	6.5
C67	Bladder	1	2.2
C73	Thyroid gland	2	4.4
C77	Lymph node	6	13.0
	Other	3	6.5
	Total	**46**	**100.0**

Figure 6.4 Distribution of topography by Northern, 2015

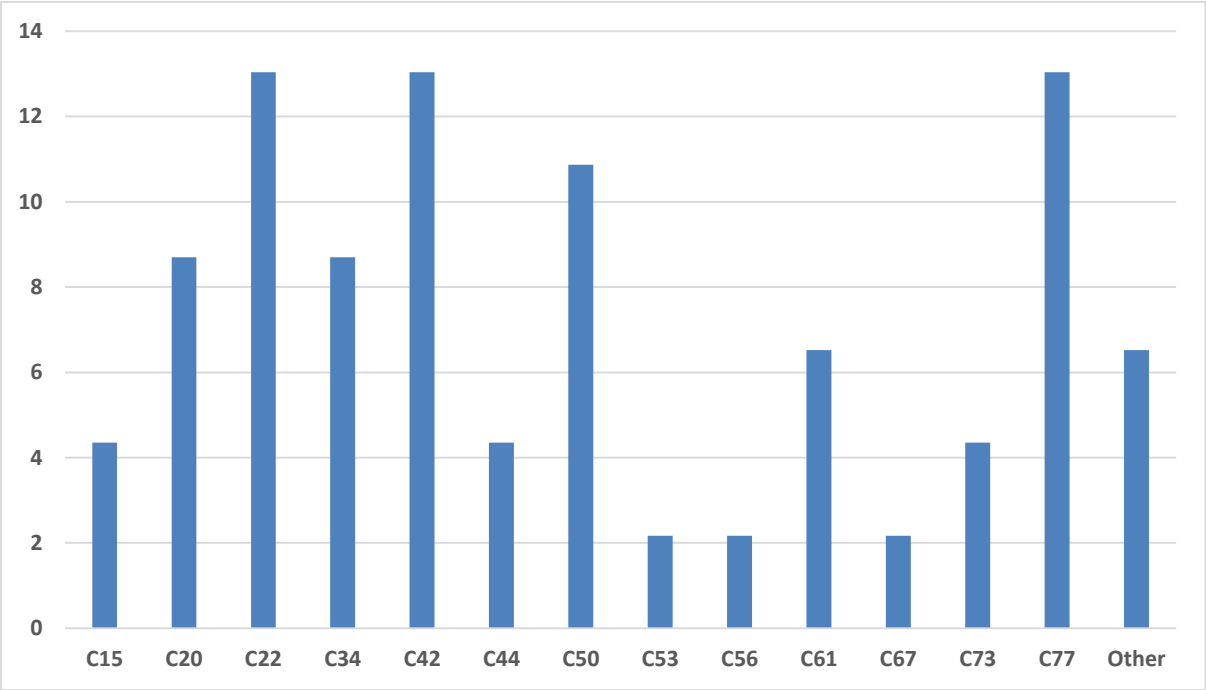


Table 6.5 Distribution of topography by North-eastern, 2015

Topography		Number	%
C15	Esophagus	3	1.2
C16	Stomach	6	2.5
C18	Colon	17	7.0
C20	Rectum	7	2.9
C22	Liver and Intrahepatic bile ducts	33	13.6
C25	Pancreas	5	2.1
C34	Bronchus and Lung	13	5.4
C42	Hematopoietic and Reticuloendothelial system	18	7.4
C44	Skin	8	3.3
C49	Connective,Subcutaneous and other soft tissues	5	2.1
C50	Breast	39	16.1
C53	Cervix uteri	8	3.3
C61	Prostate gland	8	3.3
C71	Brain	10	4.1
C73	Thyroid gland	6	2.5
C77	Lymph node	9	3.7
	Other	47	19.4
	Total	**242**	**100.0**

Figure 6.5 Distribution of topography by North-eastern, 2015

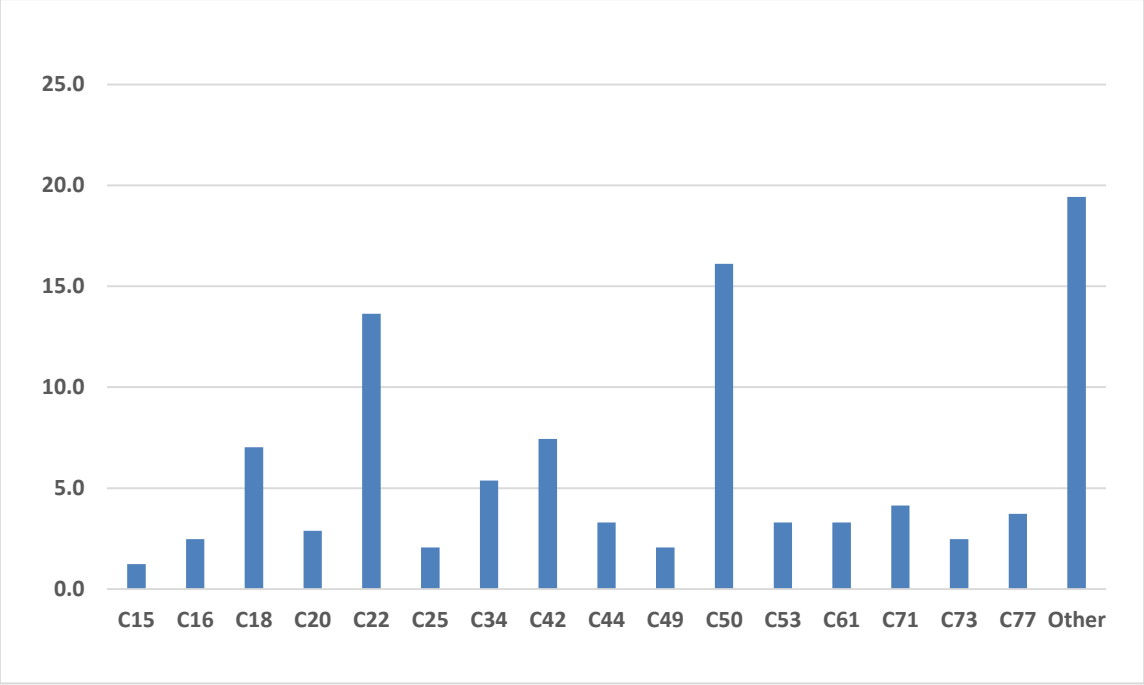


Table 6.6 Distribution of topography by Eastern, 2015

Topography		Number	%
C09	Tonsil	3	1.3
C11	Nasopharynx	2	0.9
C15	Esophagus	3	1.3
C16	Stomach	4	1.8
C18	Colon	19	8.5
C20	Rectum	8	3.6
C22	Liver and Intrahepatic bile ducts	14	6.3
C34	Bronchus and Lung	18	8.0
C42	Hematopoietic and Reticuloendothelial system	11	4.9
C44	Skin	5	2.2
C50	Breast	39	17.4
C53	Cervix uteri	10	4.5
C56	Ovary	6	2.7
C61	Prostate gland	22	9.8
C67	Bladder	8	3.6
C71	Brain	3	1.3
C73	Thyroid gland	9	4.0
C77	Lymph node	5	2.2
	Other	35	15.6
	Total	**224**	**100.0**

Figure 6.6 Distribution of topography by Eastern, 2015

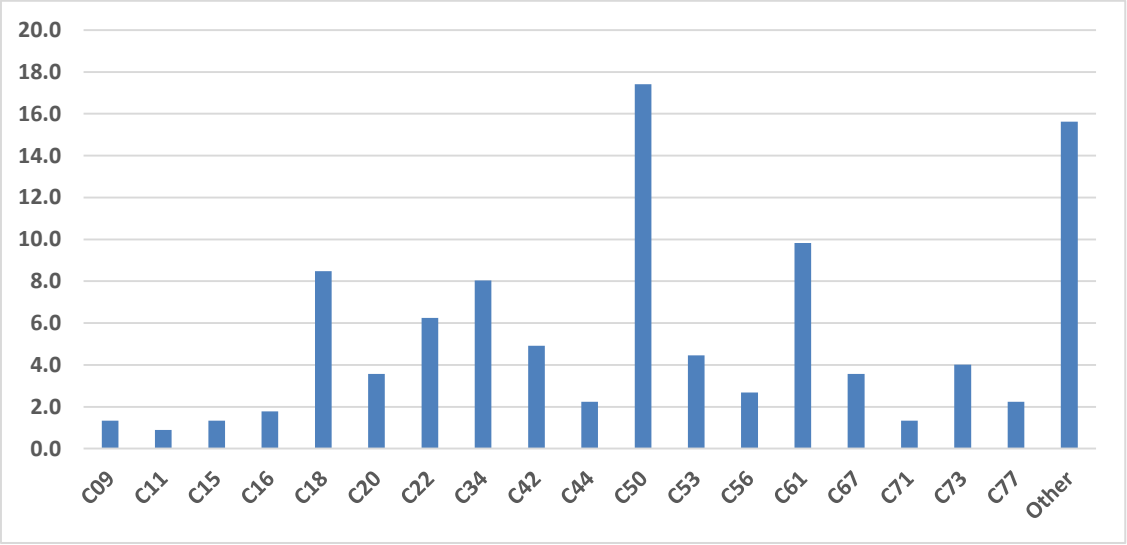


Table 6.7 Distribution of topography by Western, 2015

Topography		Number	%
C11	Nasopharynx	3	2.3
C15	Esophagus	3	2.3
C18	Colon	13	9.9
C20	Rectum	9	6.9
C22	Liver and Intrahepatic bile ducts	8	6.1
C34	Bronchus and Lung	10	7.6
C42	Hematopoietic and Reticuloendothelial system	3	2.3
C44	Skin	3	2.3
C50	Breast	24	18.3
C53	Cervix uteri	7	5.3
C56	Ovary	3	2.3
C61	Prostate gland	7	5.3
C67	Bladder	5	3.8
C71	Brain	2	1.5
C73	Thyroid gland	8	6.1
C77	Lymph node	4	3.1
	Other	19	14.5
	Total	**131**	**100.0**

Figure 6.7 Distribution of topography by Western, 2015

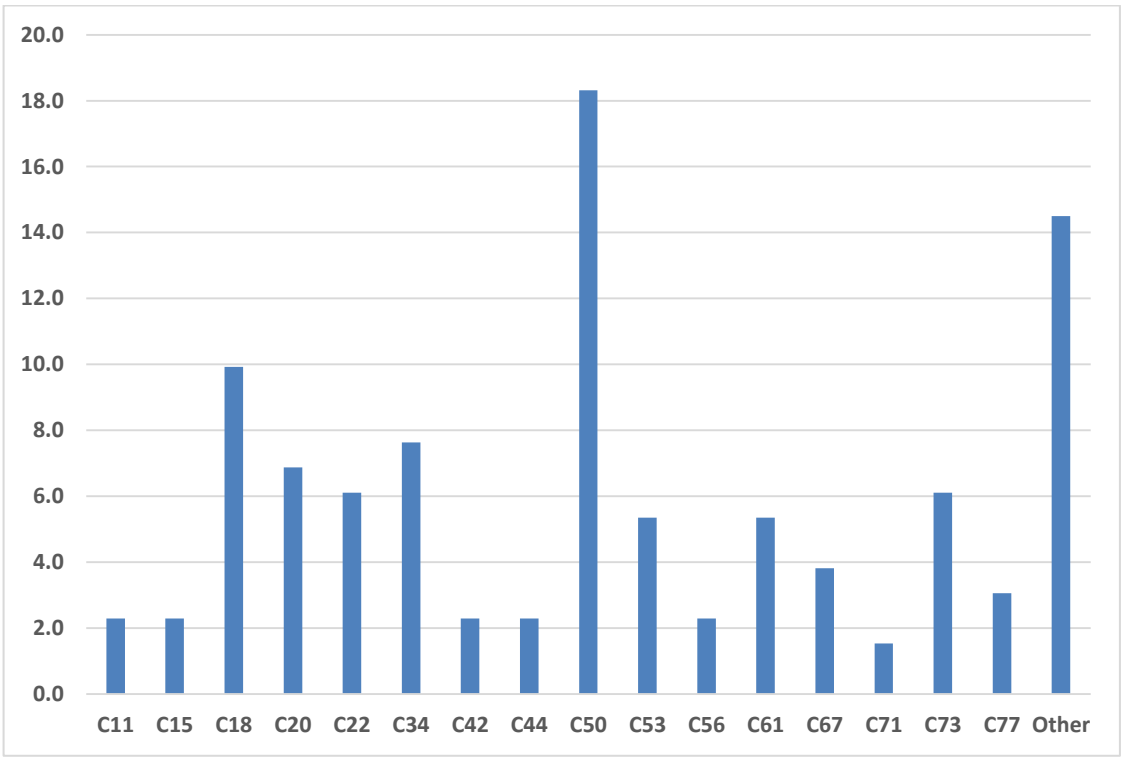


Table 6.8 Distribution of topography by Southern, 2015

Topography		Number	%
C11	Nasopharynx	5	3.2
C16	Stomach	2	1.3
C18	Colon	9	5.7
C20	Rectum	7	4.4
C22	Liver and Intrahepatic bile ducts	10	6.3
C34	Bronchus and Lung	9	5.7
C42	Hematopoietic and Reticuloendothelial system	12	7.6
C44	Skin	2	1.3
C50	Breast	21	13.3
C53	Cervix uteri	3	1.9
C56	Ovary	3	1.9
C61	Prostate gland	7	4.4
C67	Bladder	1	0.6
C71	Brain	7	4.4
C73	Thyroid gland	10	6.3
C77	Lymph node	8	5.1
	Other	42	26.6
	Total	**158**	**100.0**

Figure 6.8 Distribution of topography by Southern, 2015

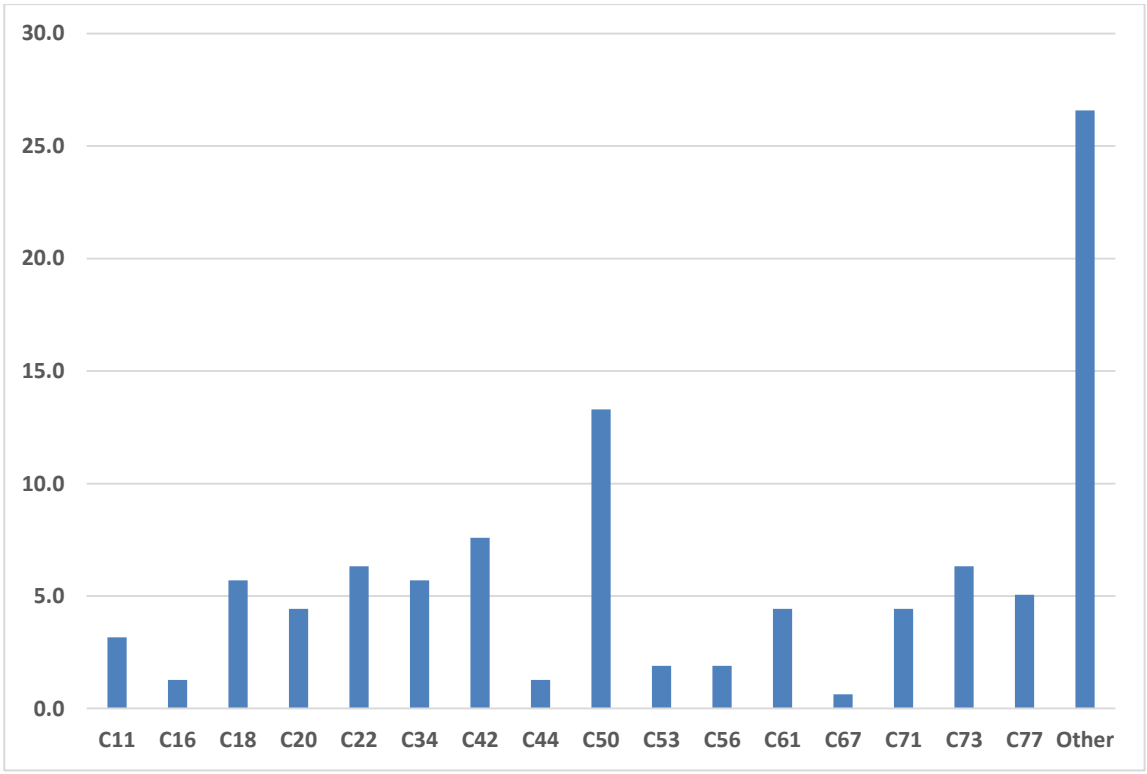


Figure 6.9 Distribution of staging for breast cancer by region, 2015

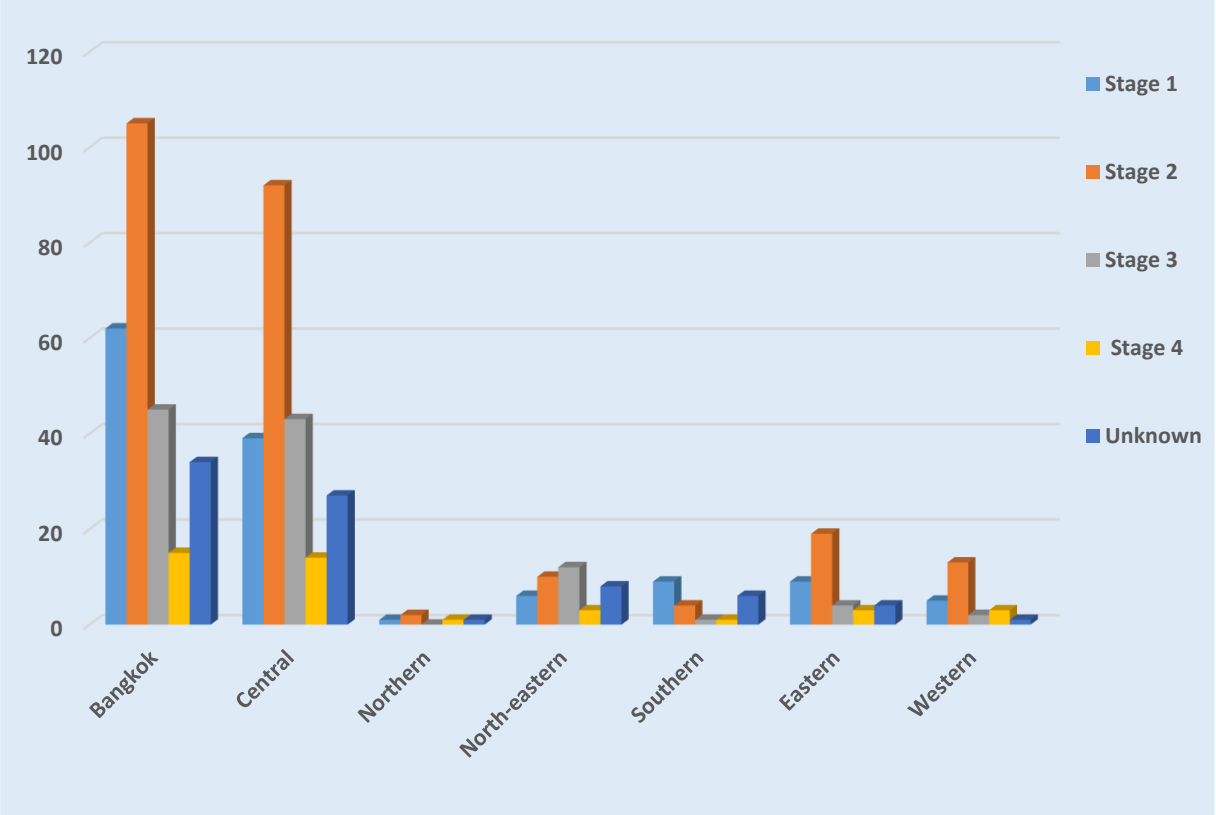


Figure 6.10 Distribution of staging for lung cancer by region, 2015

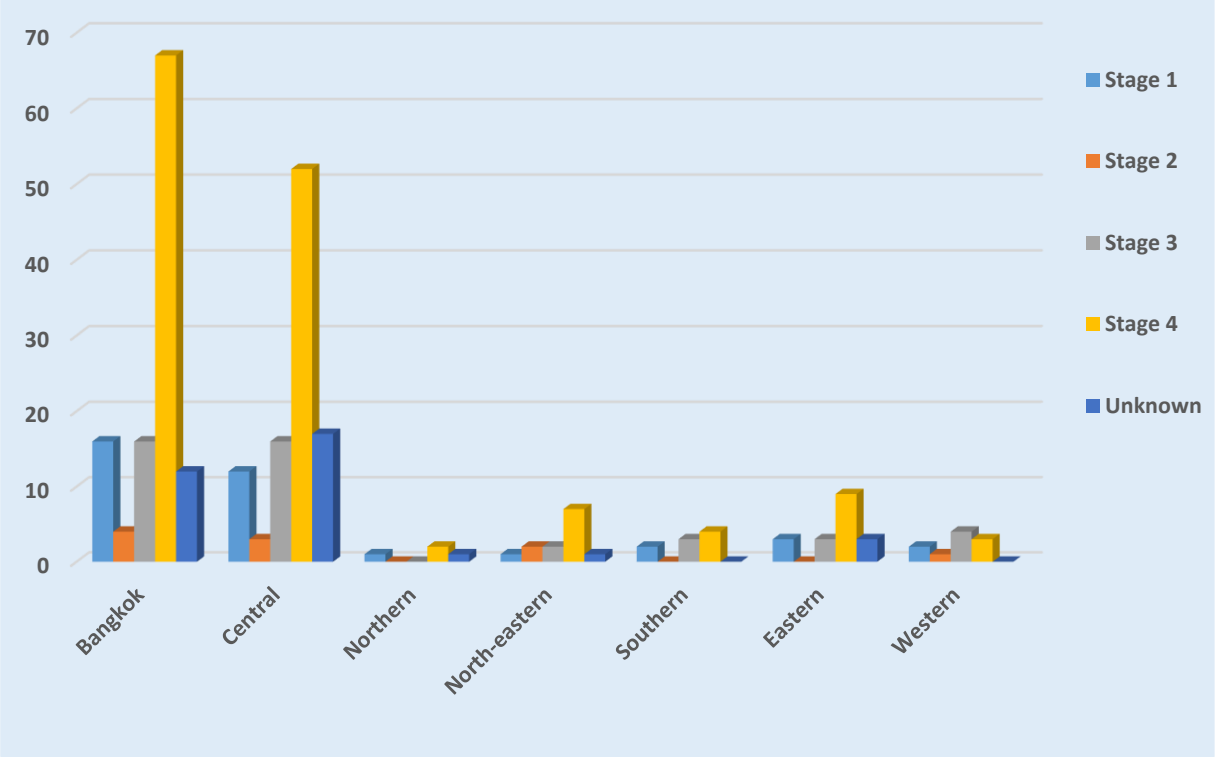


Figure 6.11 Distribution of staging for colon cancer by region, 2015

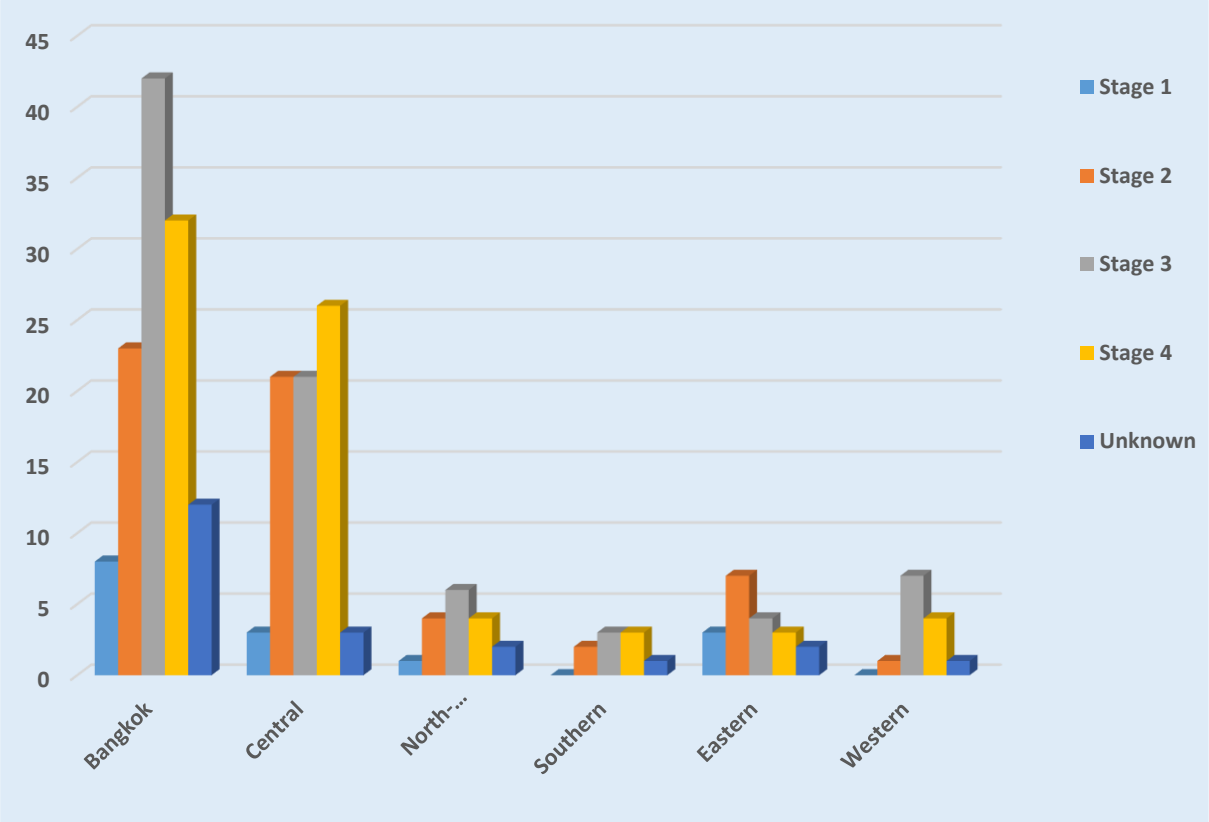
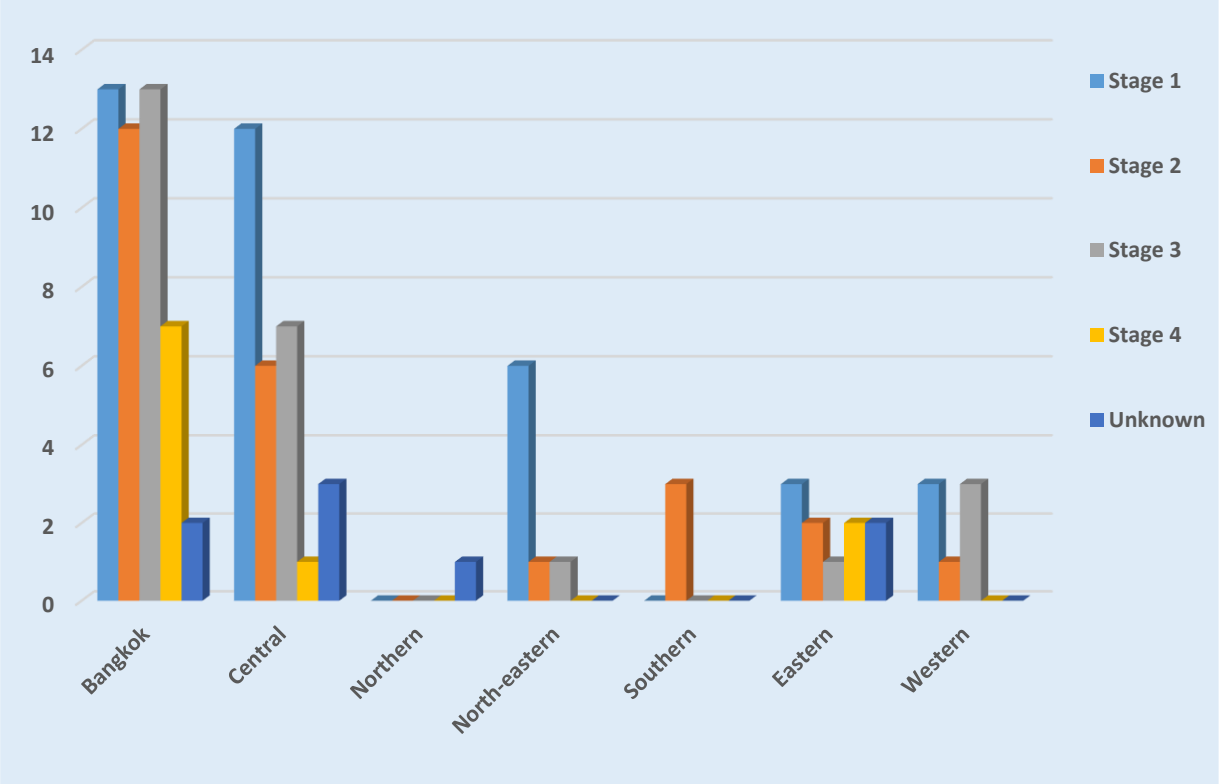



Figure 6.12 Distribution of staging for cervix cancer by region, 2015