CANCER REPORT 2016

RAMATHIBODI CANCER REGISTRY

Faculty of Medicine, Ramathibodi Hospital,
Mahidol University, Bangkok, Thailand

ISBN : 978-616-443-030-3

RAMATHIBODI CANCER REPORT

2016

Ramathibodi Cancer Registry : A subsidiary of

Ramathibodi Comprehensive Cancer Center

Faculty of Medicine, Ramathibodi Hospital

Mahidol University

Table of content

INTRODUCTION III
ACKNOWLEDGEMENTS IV
RAMATHIBODI HOSPITAL CANCER COMMITTEE, 2016 V
RAMATHIBODI HOSPITAL CANCER REGISTRY COMMITTEE, 2016 VI
CHAPTER I 1
REGISTRY PROCEDURE AND STATISTICAL METHODS 1
1.1 Purpose of the registry 1
1.2 Data collection 1
1.3 Statistical Methods 2
CHAPTER II 3
OVERALL CANCERS 3
Table 2.1 Most valid method of diagnosis. 3
Table 2.2 Number of cancer case by staging of present extent of disease .. Error! Bookmark not defined.
Table 2.3 Number of cancer case by age and sex, 2016 5
CHAPTER III 6
TEN LEADING SITES OF CANCER,2016 6
Table 3.1 Ten leading sites of cancer in both sexes. 6
Table 3.2 Ten leading sites of cancer in male. 7
Table 3.3 Ten leading sites of cancer in female. 8
Table 3.4 Site of cancer in childhood by ICCC, age<15, both sexes. 9
CHAPTER IV 10
RAMATHIBODI CANCER REGISTRY 10
Table 4.1 Annual reports 10
Table 4.2 Percentage of morphologically verified and death certificate only case 11
Table 4.3 Number of cancer case by site, sex and age 12
Table 4.4 Number of cancer case by primary site 18
Table 4.5 Number of cancer case by pathology according to site 24
CHAPTER V 43
THE MOST COMMON CANCER SITES 43
BREAST 44
LUNG AND BRONCHUS 46
CERVIX UTERI 48
LIVER ANDINTRAHEPATIC BILE DUCTS BILE DUCTS 50
COLORECTAL 52
HEMATOPOIETIC AND RETICULOENDOTHELIAL 54
CHILDHOOD CANCER 56
CHAPTER VI 59
Distribution by Regional of Thailand 59
CHAPTER VII 71
Kaplan-Meier Survival Curve and the Log rank test 71

INTRODUCTION

Ramathibodi Cancer Registry 2016 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.

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 SomjaiDangprasert for her initiation and advice in preparing this report.

The director of Ramathibodi Hospital, Associate Professor Surasak Leelaudomlipifor 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

RAMATHIBODI HOSPITAL CANCER COMMITTEE, 2016

CHAIRMAN:

Asst.Prof.Somjai Dangprasert, M.D.	Department of Radiology

COMMITTEE:

Prof.Sarikapan Wilailak, M.D.	Department of Obstetrics and Gynecology
Prof.Suradej Hongeng, M.D.	Department of Pediatrics
Assoc.Prof.Sansanee Wongwaisayawan, M.D.	Department of Pathology
Assoc.Prof.Artit Ungkanont, M.D.	Department of Medicine
Assoc.Prof.Arb-Aroon Lertkhachonsuk, M.D.	Department of Obstetrics and Gynecology
Asst.Prof.Thongchai Bhongmakapat, M.D.	Department of Otolaryngology
Asst.Prof.Ekapob Sirachainant, M.D.	Department of Medicine
Prakasit Chirappapha, M.D.	Department of Medicine
Saran Subhadrabandhu, M.D.	Department of Orthopedics
Narongrit Masayaanon, M.D.	Ramathibodi Hospital
Duangnate Rojanaponrn, M.D.	Department of Ophthalmology
Natini Jinawat, M.D.,PhD	Tumor Biobank
Manmana Jirajarus	Nursing Affairs
Jitprapa Konmun, BCOPS, BCP	Pharmacy Division

COMMITTEE AND SECRETARY:

Sarunporn Pramyothin, M.D.	Ramathibodi Hospital
Nintita Sripaiboonkij Thokanit, Dr.PH	Ramathibodi Comprehensive Cancer Center

RAMATHIBODI HOSPITAL CANCER REGISTRY COMMITTEE, 2016

CHAIRMAN:

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

COMMITTEE:

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

COMMITTEE AND SECRETORY:

Nintita Sripaiboonkij Thokanit, Dr.Ph	Ramathibodi Comprehensive Cancer Center

CANCER REGISTRY TEAM:

Nintita Sripaiboonkij Thokanit, Dr.PH	Medical Statistics officer
Miss Sopit Promchana	Medical Statistician
Mr. Tanapol Thonkamdee	Medical Statistician
Miss Pornsuda Jitkasikorn	Medical Statistician
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
- 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 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	8	1.0
Histology of primary	3,424	99.0
Total	**3,432**	**100.0**

Figure 2.1 Most valid method of diagnosis.

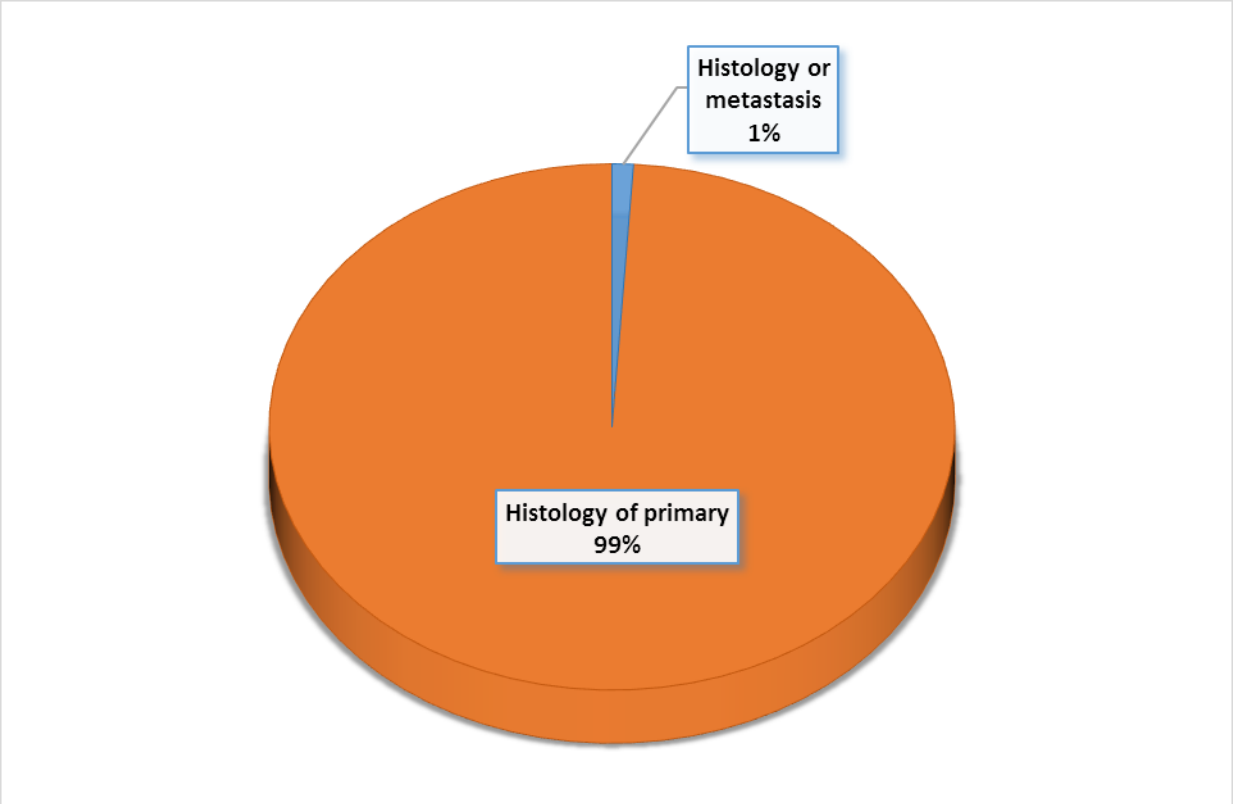


Table 2.2 Number of cancer case by staging of present extent of disease

Staging	Male		Female		Total	
	Number	%	Number	%	Number	%
Localized	10	71.4	11	73.3	21	72.4
Regional LN	0	0.0	1	6.7	1	3.5
Distant metastasis	2	14.3	2	13.3	4	13.8
Unknown	2	14.3	1	6.7	3	10.3
Total	**14**	**100.0**	**15**	**100.0**	**29**	**100.0**

Figure 2.2 Number of cancer case by present extent of disease

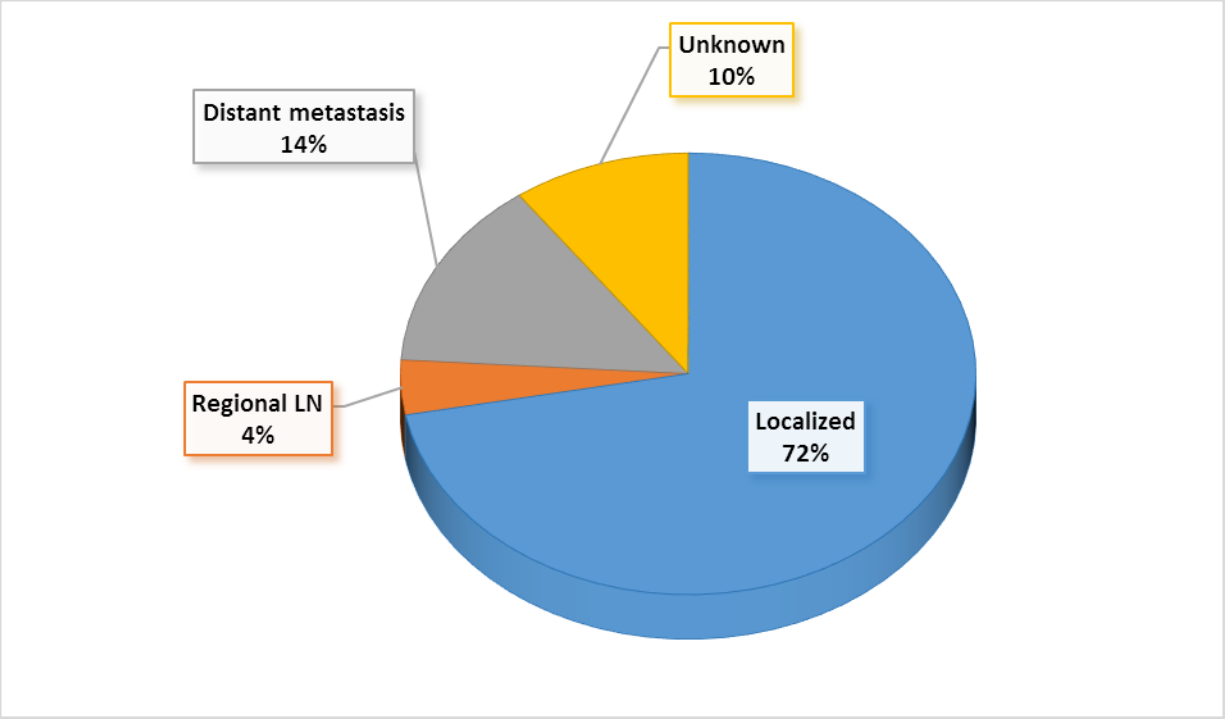
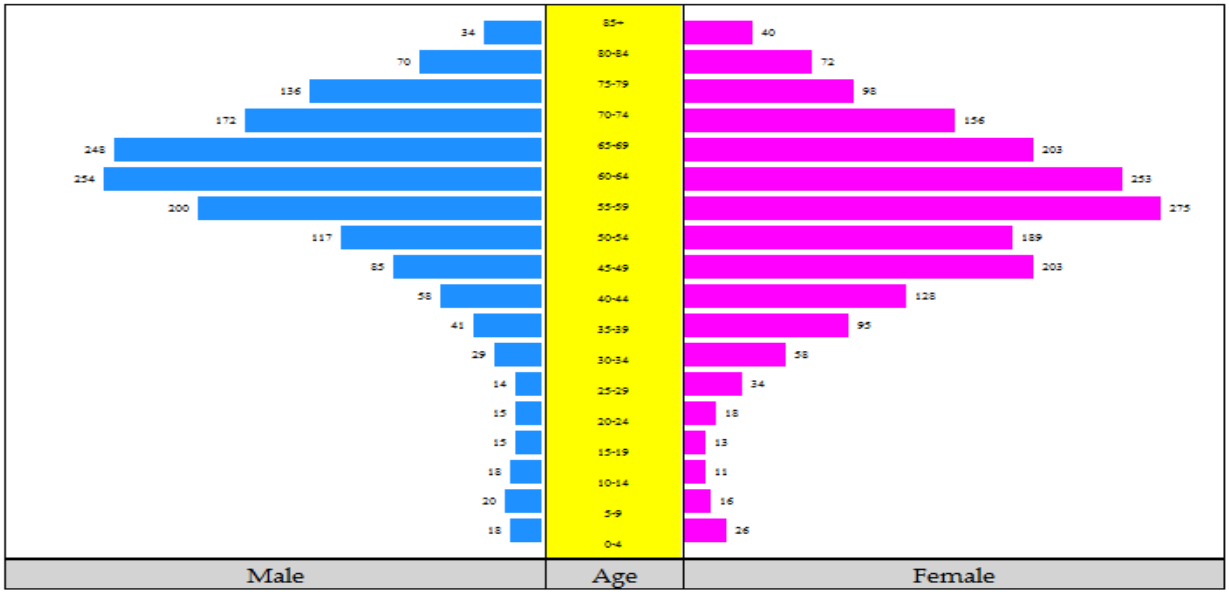


Table 2.3 Number of cancer case by age and sex, 2016

Age group	Male		Female		Both sexes	
	Number	%	Number	%	Number	%
0-4	18	1.2	26	1.4	44	1.3
5-9	20	1.3	16	0.8	36	1.0
10-14	18	1.2	11	0.6	29	0.8
15-19	15	1.0	13	0.7	28	0.8
20-24	15	1.0	18	0.9	33	0.9
25-29	14	0.9	34	1.8	48	1.4
30-34	29	1.9	58	3.1	87	2.5
35-39	41	2.7	95	5.0	136	4.0
40-44	58	3.7	128	6.8	186	5.4
45-49	85	5.5	203	10.8	288	8.4
50-54	117	7.6	189	10.0	306	9.0
55-59	200	12.9	275	14.6	475	13.8
60-64	254	16.4	253	13.4	507	15.0
65-69	248	16.1	203	10.7	451	13.1
70-74	172	11.1	156	8.3	328	9.6
75-79	136	8.8	98	5.2	234	6.8
80-84	70	4.5	72	3.8	142	4.1
85+	34	2.2	40	2.1	74	2.1
Total	**1,544**	**100.0**	**1,888**	**100.0**	**3,432**	**100.0**
Mean		**59.3**		**55.7**		**57.3**
S.D.		**17**		**16.6**		**16.9**

Figure 2.3 Patient pyramids, 01/01/2016 - 31/12/2016



CHAPTER III

TEN LEADING SITES OF CANCER, 2016

Table 3.1 Ten leading sites of cancer in both sexes.

Site	ICD-O	Number of cases	%
1. BREAST	C50	503	14.7
2. LIVER AND INTRAHEPATIC BILE DUCTS	C22	275	8.0
3. LUNG AND BRONCHUS	C34	265	7.7
4. COLON	C18	248	7.2
5. THYROID GLAND	C73	225	6.5
6. PROSTATE GLAND	C61	177	5.2
7. HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	C42	164	4.8
8. RECTUM	C20	158	4.6
9. CORPUS UTERI	C54	122	3.6
10. LYMPH NODES	C77	107	3.1
11. Other		1,188	34.6
Total		**3,432**	**100.0**

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

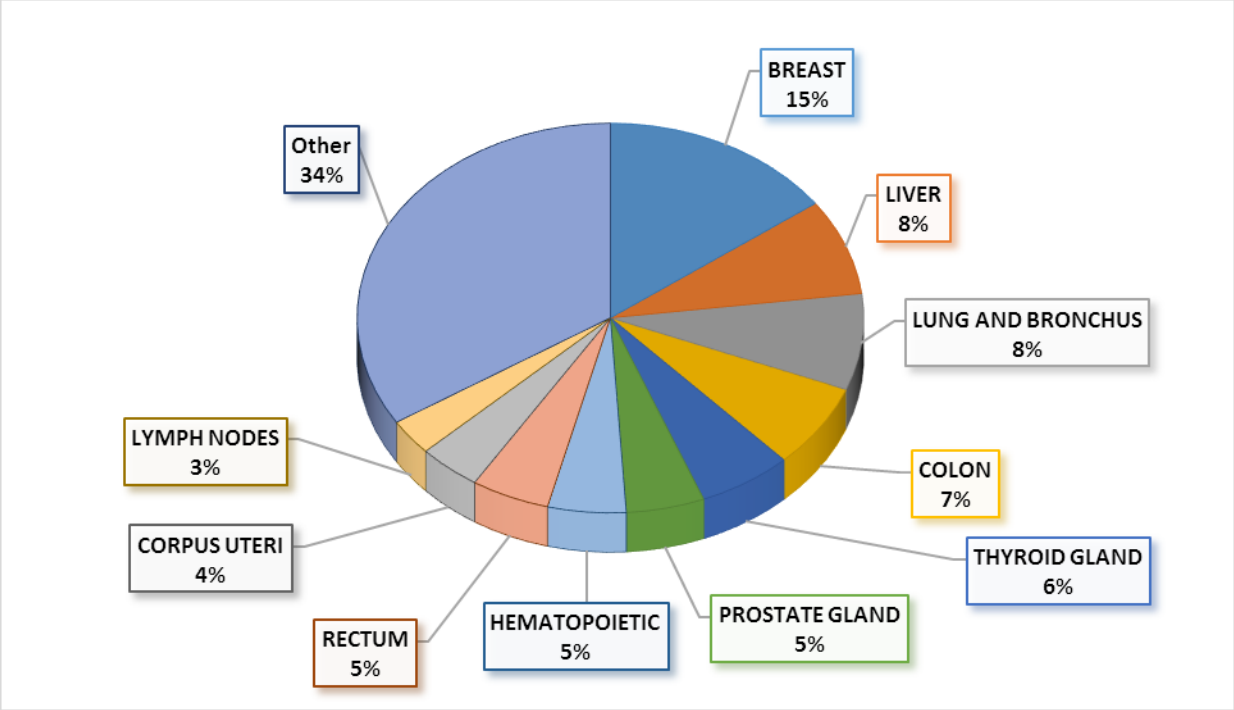


Table 3.2 Ten leading sites of cancer in male.

Site	ICD-O	Number of cases	%
1. LIVER AND INTRAHEPATIC BILE DUCTS	C22	190	12.3
2. PROSTATE GLAND	C61	177	11.5
3. LUNG AND BRONCHUS	C34	147	8.5
4. COLON	C18	128	8.3
5. HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	C42	94	6.1
6. RECTUM	C20	84	5.4
7. URINARY BLADDER	C67	64	4.2
8. LYMPH NODES	C77	59	3.8
9. ESOPHAGUS	C15	49	3.2
10. NASOPHARYNX	C11	47	3.0
11. Other		505	32.7
Total		**1,544**	**100.0**

Figure 3.2 Ten leading sites of cancer in male.

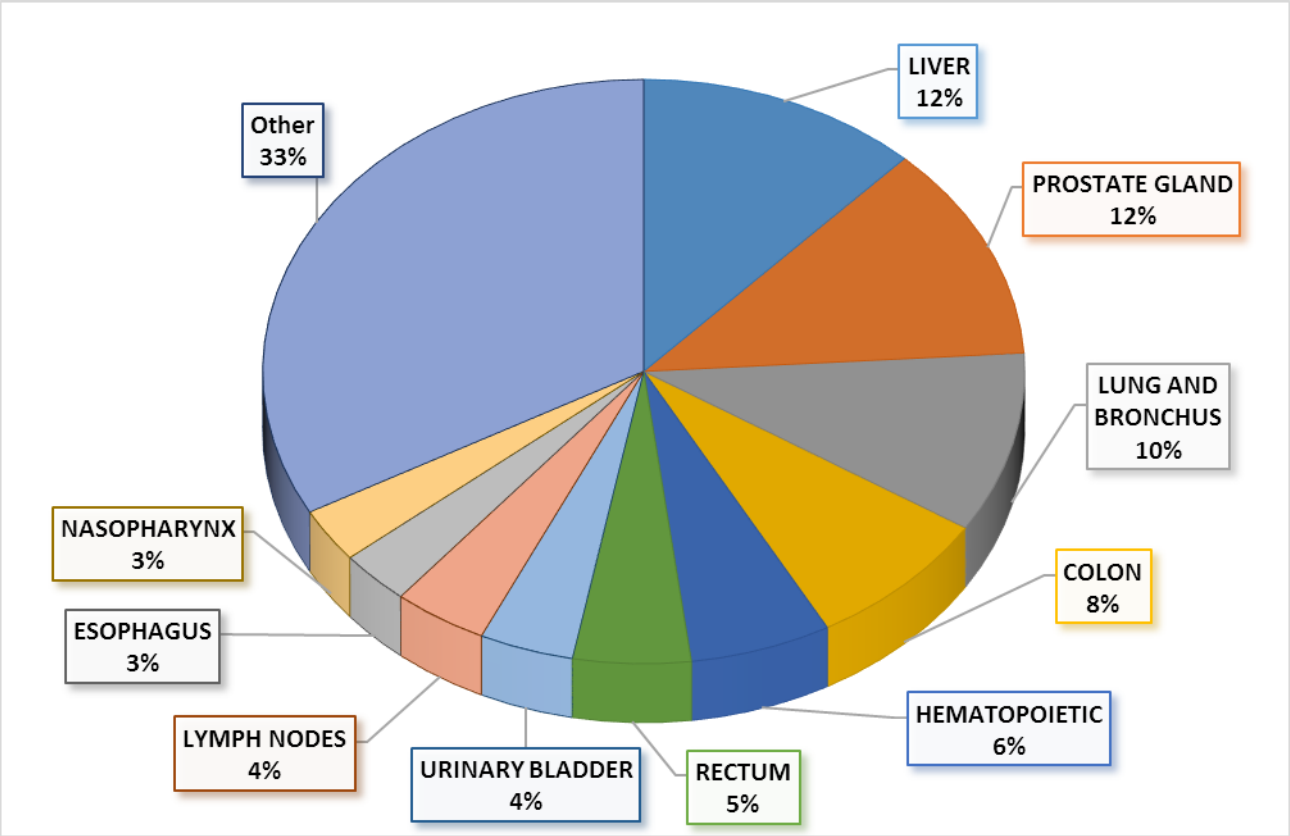


Table 3.3 Ten leading sites of cancer in female.

Site	ICD-O	Number of cases	%
1. BREAST	C50	502	26.5
2. THYROID GLAND	C73	191	10.0
3. CORPUS UTERI	C54	122	6.5
4. COLON	C18	120	6.4
5. LUNG AND BRONCHUS	C34	118	6.3
6. CERVIX UTERI	C53	102	5.0
7. LIVER AND INTRAHEPATIC BILE DUCTS	C22	85	5.0
8. RECTUM	C20	74	3.9
9. HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	C42	70	3.7
10. OVARY	C56	65	3.4
11. Other		439	23.3
Total		**1,888**	**100.0**

Figure 3.3 Ten leading sites of cancer in female.

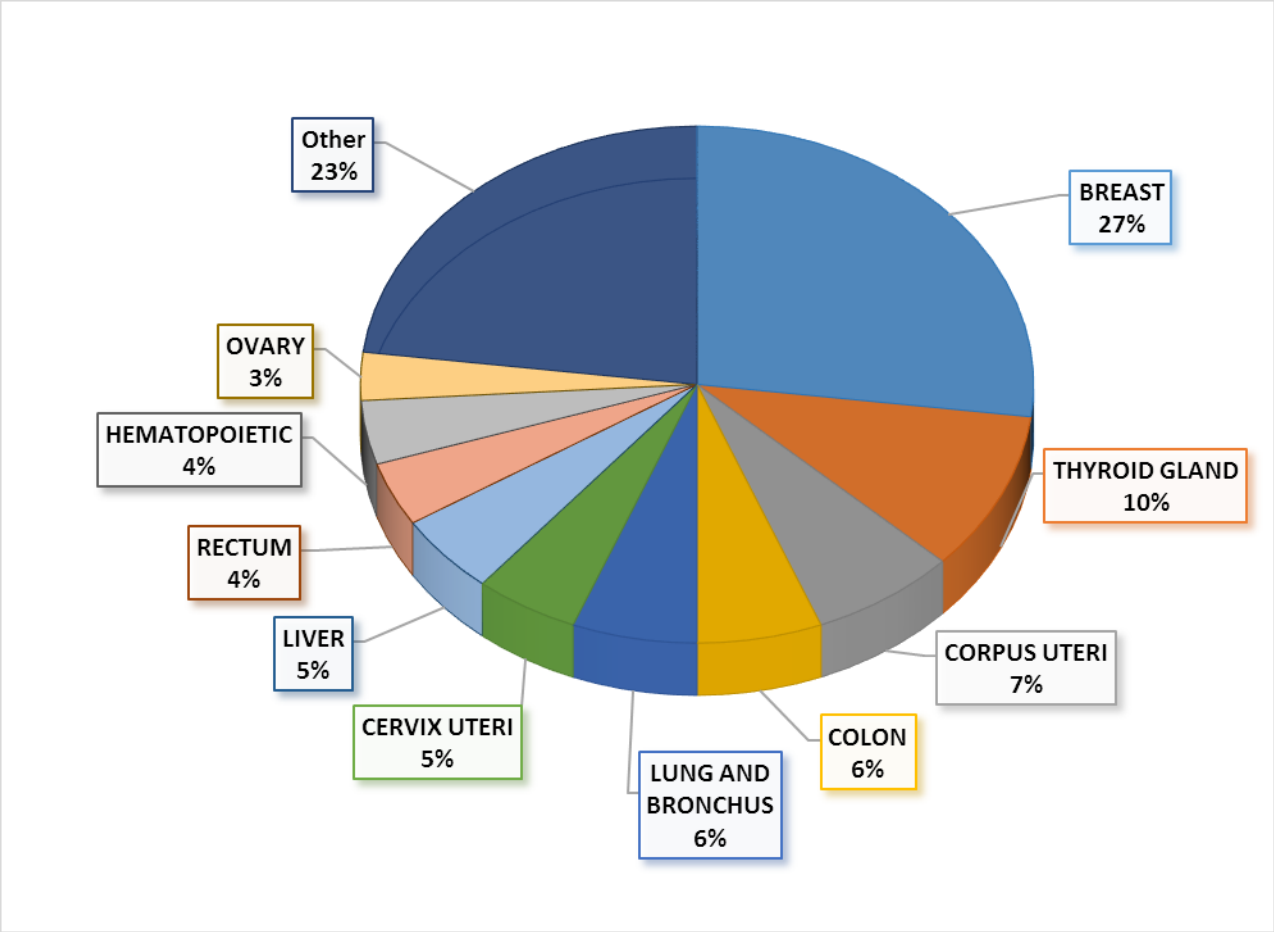
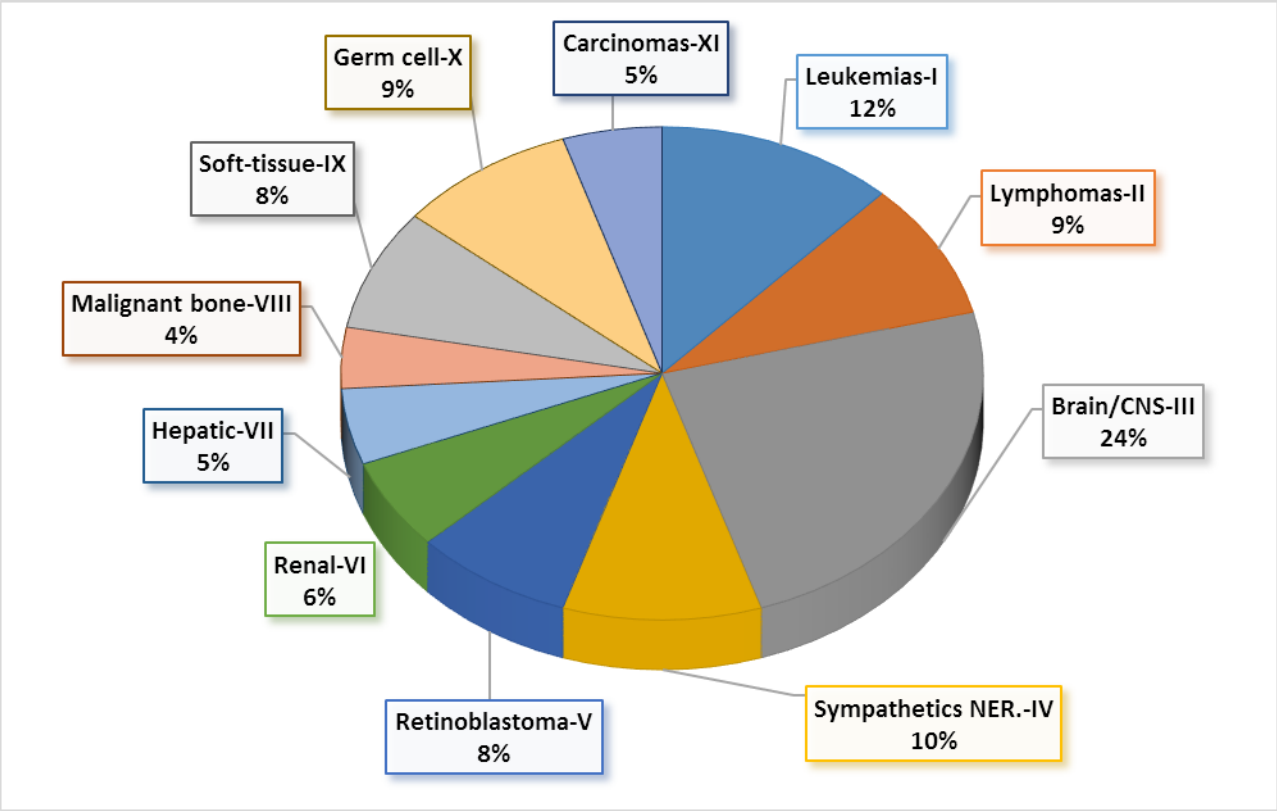


Table 3.4 Site of cancer in childhood by ICCC, age<15, both sexes.

Site	Male		Female		Total	
	Number	%	Number	%	Number	%
Leukemias-I	8	18.0	2	5.1	10	12.4
Lymphomas-II	1	13.6	1	2.6	7	8.4
Brain/CNS-III	12	27.3	8	20.5	20	24.1
Sympathetics NER.-IV	4	9.1	4	10.3	8	9.7
Retinoblastoma-V	3	6.8	4	10.3	7	8.4
Renal-VI	1	2.3	4	10.3	5	6.0
Hepatic-VII	3	6.8	1	2.5	4	4.8
Malignant bone-VIII	2	4.6	1	2.5	3	3.6
Soft-tissue-IX	2	4.6	5	12.8	7	8.5
Germ cell-X	2	4.6	6	15.4	8	9.6
Carcinomas-XI	1	2.3	3	7.7	4	4.8
Total	**44**	**100.0**	**39**	**100.0**	**83**	**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	1	0.1	4	0.2	5	0.1	C00
Tongue	34	2.2	11	0.6	45	1.3	C01-C02
Mouth	16	1.0	7	0.4	23	0.7	C03-C06
Salivary gland	9	0.6	4	0.2	13	0.3	C07-C08
Oropharynx	19	1.2	4	0.2	23	0.7	C09-C10
Nasopharynx	47	3.0	21	1.1	68	2.0	C11
Hypopharynx	12	0.8	0	0.0	12	0.3	C12-C13
Pharynx unspecified	0	0.0	1	0.1	1	0.03	C14
Esophagus	49	3.2	5	0.3	54	1.6	C15
Stomach	39	2.5	44	2.3	83	2.4	C16
Small intestine	10	0.6	5	0.3	15	0.4	C17
Colon	128	8.3	120	6.4	248	7.2	C18
Rectum	89	5.8	89	4.7	178	5.2	C19-C21
Liver	190	12.3	85	4.5	275	8.0	C22
Gallbladder and other parts of billiary tract	23	1.5	21	1.1	44	1.3	C23-C24
Pancreas	26	1.7	30	1.6	56	1.6	C25
Nose, sinuses etc.	16	1.0	10	0.5	26	0.7	C30-C31
Larynx	22	1.4	1	0.05	23	0.7	C32
Trachea,Bronchus& lung	147	9.5	118	6.3	265	7.7	C33-C34
Thymus mediastinum	17	1.1	8	0.4	25	0.7	C37-C38
Bone	13	0.8	8	0.4	21	0.6	C40-C41
Haematopoetic and Reticuloendothelial	94	6.1	70	3.7	164	4.8	C42
Other skin	38	2.5	20	1.1	58	1.7	C44
Peripheral and Autonomic nervous	1	0.06	1	0.05	2	0.06	C47
Retroperitonium and peritoneum	4	0.3	12	0.6	16	0.5	C48
Connective, Subcu.& Soft tissue	15	0.9	15	0.8	30	0.9	C49
Breast	1	0.06	502	26.6	503	14.7	C50
Other female genital	0	0.0	8	0.4	8	0.2	C51,C52,C57
Cervix uteri	0	0.0	102	5.4	102	2.9	C53
Corpus uteri	0	0.0	122	6.5	122	3.6	C54
Uterus unspecified	0	0.0	4	0.2	4	0.1	C55
Ovary	0	0.0	65	3.4	65	1.9	C56
Penis	10	0.6	0	0.0	10	0.3	C60
Prostate	177	11.5	0	0.0	177	5.2	C61
Testis	5	0.3	0	0.0	5	0.2	C62
Bladder	64	4.2	25	1.3	89	2.6	C67
Kidney etc	52	3.4	34	1.8	86	2.5	C64-C66,C68
Eye	16	1.0	18	0.9	34	1.0	C69
Brain, nervous system	40	2.6	36	1.9	76	2.2	C71
Spinal cord and nervous system	2	0.1	0	0.0	2	0.06	C72
Thyroid	34	2.2	191	10.1	225	6.6	C73
Adrenal gland	6	0.4	4	0.2	10	0.3	C74
Other endocrine gland	2	0.1	5	0.3	7	0.2	C75
Other and ill-defined site	4	0.3	4	0.2	8	0.2	C76
Lymphnodes	59	3.8	48	2.5	107	3.1	C77
Unknown primary site	11	0.7	4	0.2	15	0.4	C80
All sites	1542	100.0	1886	100.0	3428	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	
Lip	1	100.0	4	100.0	5	100.0	C00
Tongue	34	100.0	11	100.0	45	100.0	C01-C02
Mouth	16	100.0	7	100.0	23	100.0	C03-C06
Salivary gland	9	100.0	4	100.0	13	100.0	C07-C08
Oropharynx	19	100.0	4	100.0	23	100.0	C09-C10
Nasopharynx	47	100.0	21	100.0	68	100.0	C11
Hypopharynx	12	100.0	0	0	12	100.0	C12-C13
Pharynx unspecified	0	0	1	100.0	1	100.0	C14
Esophagus	49	100.0	5	100.0	54	100.0	C15
Stomach	39	100.0	44	100.0	83	100.0	C16
Small intestine	10	100.0	5	100.0	15	100.0	C17
Colon	128	100.0	120	100.0	248	100.0	C18
Rectum	89	100.0	89	100.0	178	100.0	C19-C21
Liver	190	100.0	85	100.0	275	100.0	C22
Gallbladder and other parts of billiary tract	23	100.0	21	100.0	44	100.0	C23-C24
Pancreas	26	100.0	30	100.0	56	100.0	C25
Nose, sinuses etc.	16	100.0	10	100.0	26	100.0	C30-C31
Larynx	22	100.0	1	100.0	23	100.0	C32
Trachea,Bronchus& lung	147	100.0	118	100.0	265	100.0	C33-C34
Thymus mediastinum	17	100.0	8	100.0	25	100.0	C37-C38
Bone	13	100.0	8	100.0	21	100.0	C40-C41
Haematopoetic and Reticuloendothelial	94	100.0	70	100.0	164	100.0	C42
Other skin	38	100.0	20	100.0	58	100.0	C44
Peripheral and Autonomic nervous	1	100.0	1	100.0	2	100.0	C47
Retroperitonium and peritoneum	4	100.0	12	100.0	16	100.0	C48
Connective, Subcu.& Soft tissue	15	100.0	15	100.0	30	100.0	C49
Breast	1	100.0	502	100.0	503	100.0	C50
Other female genital	0	0	8	100.0	8	100.0	C51,C52,C57
Cervix uteri	0	0	102	100.0	102	100.0	C53
Corpus uteri	0	0	122	100.0	122	100.0	C54
Uterus unspecified	0	0	4	100.0	4	100.0	C55
Ovary	0	0	65	100.0	65	100.0	C56
Penis	10	100.0	0	0	10	100.0	C60
Prostate	177	100.0	0	0	177	100.0	C61
Testis	5	100.0	0	0	5	100.0	C62
Bladder	64	100.0	25	100.0	89	100.0	C67
Kidney etc	52	100.0	34	100.0	86	100.0	C64-C66,C68
Eye	16	100.0	18	100.0	34	100.0	C69
Brain, nervous system	40	100.0	36	100.0	76	100.0	C71
Spinal cord and nervous system	2	100.0	0	0	2	100.0	C72
Thyroid	34	100.0	191	100.0	225	100.0	C73
Adrenal gland	6	100.0	4	100.0	10	100.0	C74
Other endocrine gland	2	100.0	5	100.0	7	100.0	C75
Other and ill-defined site	4	100.0	4	100.0	8	100.0	C76
Lymphnodes	59	100.0	48	100.0	107	100.0	C77
Unknown primary site	11	100.0	4	100.0	15	100.0	C80
All sites	1542	100.0	1886	100.0	3428	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	1544	18	20	18	15	15	14	29	42	58	85	117	200	254	247	172	136	70	34	59.3	17.0
F	1888	26	16	11	13	18	34	58	95	128	202	190	275	253	203	156	98	72	40	55.7	16.6
T	3432	44	36	29	28	33	48	87	137	186	287	307	475	507	450	328	234	142	74	57.3	16.9
C00 LIP																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	68.0	0.0
F	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	79.8	10.8
T	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	77.4	10.7
C01 BASE OF TOUNGUE																					
M	12	0	0	0	0	0	0	0	0	1	0	3	0	4	1	1	2	0	0	61.8	10.9
T	12	0	0	0	0	0	0	0	0	1	0	3	0	4	1	1	2	0	0	61.8	10.9
C02 OTHER AND UNSPECIFIED PART OF TONGUE																					
M	22	0	0	0	0	0	0	1	1	0	1	4	3	9	1	0	1	1	0	58.5	11.3
F	11	0	0	0	0	0	0	0	1	1	2	2	1	0	1	2	0	1	0	57.3	13.4
T	33	0	0	0	0	0	0	1	2	1	3	6	4	9	2	2	1	2	0	58.1	11.8
C03 GUM																					
M	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	69.0	11.0
F	3	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	67.3	14.0
T	6	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	0	68.2	11.3
C04 FLOOR OF MOUTH																					
M	5	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	61.0	12.0
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	6	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	1	0	0	61.3	10.8
C05 PALATE																					
M	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	69.0	10.6
F	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	43.0	0.0
T	4	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	62.5	15.6
C06 OTHER AND UNSPECIFIED PART OF MOUTH																					
M	5	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	0	0	0	57.2	12.5
F	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	67.5	19.1
T	7	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	1	0	60.1	13.8
C07 PAROTID GLAND																					
M	7	0	0	0	0	0	0	0	0	1	0	0	2	2	0	0	1	0	1	64.9	15.8
F	3	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	47.0	31.2
T	10	0	0	1	0	0	0	0	0	1	0	1	2	2	0	0	2	0	1	59.5	21.4
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS																					
M	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	57.5	6.4
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	3	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	54.3	7.1
C09 TONSIL																					
M	18	0	0	0	0	0	0	0	2	0	0	3	0	6	2	2	2	1	0	62.2	12.4
F	4	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	45.3	5.2
T	22	0	0	0	0	0	0	0	3	1	1	4	0	6	2	2	2	1	0	59.1	13.2
C10 OROPHARYNX																					
M	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

Site/age	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C11 NASOPHARYNX																					
M	47	0	0	0	1	1	1	3	3	9	8	2	8	4	5	1	1	0	0	49.0	13.1
F	21	0	0	0	0	0	1	1	3	2	4	1	1	2	5	0	0	1	0	52.3	14.7
T	68	0	0	0	1	1	2	4	6	11	12	3	9	6	10	1	1	1	0	50.0	13.6
C12 PYRIFORM SINUS																					
M	11	0	0	0	0	0	0	0	0	0	0	1	1	2	3	1	3	0	0	67.9	9.2
T	11	0	0	0	0	0	0	0	0	0	0	1	1	2	3	1	3	0	0	67.9	9.2
C13 HYPOPHARYNX																					
M	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	37.0	0.0
T	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	37.0	0.0
C14 ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX AND OTHER																					
F	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	40.0	0.0
T	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	40.0	0.0
C15 ESOPHAGUS																					
M	49	0	0	0	0	0	0	1	1	2	3	2	7	6	9	8	6	3	1	64.2	12.7
F	5	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	63.8	5.7
T	54	0	0	0	0	0	0	1	1	2	3	2	8	8	10	9	6	3	1	64.2	12.2
C16 STOMACH																					
M	39	0	0	0	0	0	0	0	1	2	3	0	7	5	5	5	8	2	1	64.8	12.3
F	44	0	0	0	0	0	0	1	0	5	3	1	12	2	9	3	2	4	2	62.0	13.4
T	83	0	0	0	0	0	0	1	1	7	6	1	19	7	14	8	10	6	3	63.3	12.9
C17 SMALL INTESTINE																					
M	10	0	0	0	0	1	0	0	1	0	0	0	3	2	2	1	0	0	0	56.4	15.4
F	5	0	0	0	0	0	0	0	0	0	0	0	3	1	0	1	0	0	0	61.2	6.9
T	15	0	0	0	0	1	0	0	1	0	0	0	6	3	2	2	0	0	0	58.0	13.1
C18 COLON																					
M	128	0	0	0	0	0	0	1	2	3	5	6	21	23	18	20	13	13	3	65.4	11.2
F	120	0	0	0	0	0	0	4	1	3	4	13	19	18	12	16	14	11	5	64.5	12.8
T	248	0	0	0	0	0	0	5	3	6	9	19	40	41	30	36	27	24	8	64.9	12.0
C19 RECTOSIGMOID JUNCTION																					
M	5	0	0	0	0	0	0	0	0	1	0	0	0	1	3	0	0	0	0	60.2	9.4
F	10	0	0	0	0	0	0	0	0	1	2	1	1	2	2	0	1	0	0	58.7	10.5
T	15	0	0	0	0	0	0	0	0	2	2	1	1	3	5	0	1	0	0	59.2	9.9
C20 RECTUM																					
M	84	0	0	0	0	0	0	1	2	1	6	12	9	13	17	11	9	2	1	62.3	11.2
F	74	0	0	0	0	0	1	1	3	5	4	4	7	14	10	7	12	5	1	62.9	13.6
T	158	0	0	0	0	0	1	2	5	6	10	16	16	27	27	18	21	7	2	62.6	12.3
C21 ANUS AND ANAL CANAL																					
F	5	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	69.0	16.1
T	5	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	69.0	16.1
C22 LIVER AND INTRAHEPATIC BILE DUCTS																					
M	190	2	1	1	0	0	0	0	6	6	18	20	37	36	23	15	14	7	4	59.6	13.6
F	85	1	0	0	1	0	0	0	1	2	6	7	16	9	10	18	7	5	2	63.0	14.4
T	275	3	1	1	1	0	0	0	7	8	24	27	53	45	33	33	21	12	6	60.7	13.9
C23 GALLBLADDER																					
M	6	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	2	1	71.8	15.8
F	11	0	0	0	0	0	0	0	0	0	0	1	0	3	1	3	1	0	2	70.5	12.6
T	17	0	0	0	0	0	0	0	0	1	0	1	0	4	1	3	2	2	3	70.9	13.3

Site/age	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT																					
M	17	0	0	0	0	0	0	0	0	0	1	0	4	2	1	6	3	0	0	66.3	8.6
F	10	0	0	0	0	0	0	0	0	1	0	0	0	1	2	2	3	0	1	70.6	13.2
T	27	0	0	0	0	0	0	0	0	1	1	0	4	3	3	8	6	0	1	67.9	10.5
C25 PANCREAS																					
M	26	0	0	1	0	0	0	0	0	0	0	3	5	3	7	3	1	3	0	63.4	13.4
F	30	1	0	0	0	0	0	0	0	1	2	1	4	2	9	4	2	3	1	64.1	15.9
T	56	1	0	1	0	0	0	0	0	1	2	4	9	5	16	7	3	6	1	63.8	14.7
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER																					
F	2	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	45.0	9.9
T	2	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	45.0	9.9
C30 NASAL CAVITY AND MIDDLE EAR																					
M	12	0	0	1	0	1	1	1	0	0	1	0	1	1	4	0	1	0	0	51.2	21.7
F	4	0	0	0	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	47.0	22.6
T	16	0	0	1	1	1	1	1	0	1	1	1	1	1	4	1	1	0	0	50.1	21.2
C31 ACCESSORY SINUSES																					
M	4	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	1	50.0	25.7
F	6	0	1	0	0	0	0	0	0	1	0	1	0	2	1	0	0	0	0	48.7	23.2
T	10	0	1	0	0	1	0	0	0	2	0	2	0	2	1	0	0	0	1	49.2	22.8
C32 LARYNX																					
M	22	0	0	0	0	0	0	0	0	1	1	3	3	6	2	5	1	0	0	61.6	9.1
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	23	0	0	0	0	0	0	0	0	1	1	3	3	6	3	5	1	0	0	61.8	8.9
C34 LUNG AND BRONCHUS																					
M	147	0	0	0	0	0	0	0	2	5	9	11	21	26	28	21	16	7	1	63.8	10.5
F	118	0	0	0	0	0	0	1	2	8	7	9	22	20	19	6	10	11	3	62.4	12.4
T	265	0	0	0	0	0	0	1	4	13	16	20	43	46	47	27	26	18	4	63.2	11.4
C37 THYMUS																					
M	4	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	46.5	15.7
F	3	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	54.7	3.1
T	7	0	0	0	0	0	0	1	1	0	0	2	2	1	0	0	0	0	0	50.0	12.1
C38 HEART, MEDIASTINUM AND PLEURA																					
M	13	0	0	0	3	2	1	2	1	0	0	0	1	0	1	1	0	0	1	38.8	23.7
F	5	0	0	0	0	0	1	0	1	0	1	0	0	0	1	1	0	0	0	50.8	18.9
T	18	0	0	0	3	2	2	2	2	0	1	0	1	0	2	2	0	0	1	42.1	22.6
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS																					
M	6	1	0	1	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	24.7	20.4
F	3	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	25.0	18.4
T	9	1	0	2	3	0	0	0	0	1	1	0	1	0	0	0	0	0	0	24.8	18.6
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES																					
M	7	0	1	0	0	0	0	2	1	1	1	1	0	0	0	0	0	0	0	35.0	14.8
F	5	0	0	0	0	0	1	0	0	2	2	0	0	0	0	0	0	0	0	41.2	8.6
T	12	0	1	0	0	0	1	2	1	3	3	1	0	0	0	0	0	0	0	37.6	12.5
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS																					
M	94	6	8	6	2	3	2	1	2	4	5	6	11	8	12	3	7	5	3	47.7	26.5
F	70	12	4	0	0	0	1	5	0	1	5	4	11	11	4	2	4	3	3	46.7	27.1
T	164	18	12	6	2	3	3	6	2	5	10	10	22	19	16	5	11	8	6	47.3	26.7

Site/age	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C44 SKIN																					
M	38	1	0	1	0	1	1	1	1	0	3	7	1	3	6	4	1	6	1	58.8	20.5
F	20	0	0	0	1	0	0	1	1	0	3	0	5	1	3	2	2	1	0	57.7	16.7
T	58	1	0	1	1	1	1	2	2	0	6	7	6	4	9	6	3	7	1	58.4	19.1
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYNSTEM																					
M	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	29.0	0.0
F	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.0	0.0
T	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	19.0	14.1
C48 RETROPERITONEUM AND PERITONEUM																					
M	4	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	56.8	4.1
F	12	0	0	0	0	1	0	0	0	2	2	0	2	0	3	2	0	0	0	54.4	15.6
T	16	0	0	0	0	1	0	0	0	2	2	2	3	1	3	2	0	0	0	55.0	13.5
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES																					
M	15	0	0	1	0	0	2	3	0	2	0	0	3	2	1	1	0	0	0	45.3	18.2
F	15	0	2	0	1	0	0	0	0	1	1	2	1	3	1	1	0	1	1	52.4	24.4
T	30	0	2	1	1	0	2	3	0	3	1	2	4	5	2	2	0	1	1	48.9	21.4
C50 BREAST																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	49.0	19.8
F	543	0	0	0	0	2	3	13	41	53	105	72	79	65	46	44	10	4	6	54.1	11.9
T	544	0	0	0	0	2	3	13	41	53	105	72	79	66	46	44	10	4	6	54.0	11.9
C51 VULVA																					
F	5	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	66.6	4.6
T	5	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	66.6	4.6
C52 VAGINA																					
F	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	48.0	2.8
T	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	48.0	2.8
C53 CERVIX UTERI																					
F	102	0	0	0	0	0	2	6	9	11	7	15	15	13	8	6	4	2	4	55.2	14.5
T	102	0	0	0	0	0	2	6	9	11	7	15	15	13	8	6	4	2	4	55.2	14.5
C54 CORPUS UTERI																					
F	122	0	0	0	0	0	2	2	5	11	7	17	25	27	15	4	5	2	0	56.6	10.9
T	122	0	0	0	0	0	2	2	5	11	7	17	25	27	15	4	5	2	0	56.6	10.9
C55 UTERUS, NOS																					
F	4	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	59.8	12.5
T	4	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	59.8	12.5
C56 OVARY																					
F	65	0	1	1	0	3	1	3	4	2	12	6	12	9	5	3	2	1	0	51.4	15.4
T	65	0	1	1	0	3	1	3	4	2	12	6	12	9	5	3	2	1	0	51.4	15.4
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS																					
F	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	46.0	0.0
T	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	46.0	0.0
C60 PENIS																					
M	10	0	0	0	0	0	0	0	0	1	0	2	1	4	1	0	0	0	1	61.4	13.7
T	10	0	0	0	0	0	0	0	0	1	0	2	1	4	1	0	0	0	1	60.7	13.1
C61 PROSTATE GLAND																					
M	177	0	0	0	0	1	0	0	0	0	0	3	9	41	47	42	24	6	4	68.2	7.7
T	177	0	0	0	0	1	0	0	0	0	0	3	9	41	47	42	24	6	4	68.2	7.7

Site/age	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C62 TESTIS																					
M	5	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	43.8	29.1
T	5	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	43.8	29.1
C63 EPIDIDYMIS, SPERMATIC CORD, MALE GENITAL ORGANS																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	82.0	22.6
T	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	82.0	22.6
C64 KIDNEY																					
M	43	1	0	0	0	0	0	2	2	5	2	5	9	5	7	0	1	1	3	56.3	16.6
F	26	2	2	0	0	1	0	0	0	2	2	3	1	4	3	4	1	1	0	50.9	23.9
T	69	3	2	0	0	1	0	2	2	7	4	8	10	9	10	4	2	2	3	54.2	19.7
C65 RENAL PELVIS																					
M	5	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	72.4	13.8
F	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	69.7	11.7
T	8	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	2	1	71.4	12.3
C66 URETER																					
M	4	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	65.5	7.0
F	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	73.8	11.9
T	8	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	1	1	1	69.6	10.0
C67 URINARY BLADDER																					
M	64	0	0	0	0	0	1	0	1	0	3	4	3	10	17	12	6	5	2	66.4	11.1
F	25	1	0	0	0	0	0	0	1	0	1	5	1	0	6	2	3	4	1	63.9	19.1
T	89	1	0	0	0	0	1	0	2	0	4	9	4	10	23	14	9	9	3	65.7	13.7
C68 OTHER AND UNSPECIFIED URINARY ORGANS																					
F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	56.0	0.0
T	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	56.0	0.0
C69 EYE AND ADNEXA																					
M	16	3	1	0	0	0	2	0	0	1	1	0	3	3	1	1	0	0	0	40.6	25.9
F	18	4	0	0	0	1	1	2	0	1	3	0	2	2	0	1	0	0	1	38.4	25.9
T	34	7	1	0	0	1	3	2	0	2	4	0	5	5	1	2	0	0	1	39.4	25.5
C70 MENINGES																					
F	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	46.0	0.0
T	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	46.0	0.0
C71 BRAIN																					
M	43	4	4	5	2	1	0	2	3	0	4	1	6	2	4	3	1	1	0	38.8	25.6
F	40	1	2	5	6	3	2	0	3	1	5	1	2	5	1	2	1	0	0	36.5	22.1
T	83	5	6	10	8	4	2	2	6	1	9	2	8	7	5	5	2	1	0	37.7	23.8
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM																					
M	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.5	0.7
T	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.5	0.7
C73 THYROID GLAND																					
M	34	0	0	1	0	0	2	2	4	4	3	8	3	1	2	1	3	0	0	49.1	14.8
F	191	0	0	2	2	6	18	17	17	9	16	14	28	27	10	13	6	4	2	50.0	16.8
T	225	0	0	3	2	6	20	19	21	13	19	22	31	28	12	14	9	4	2	49.8	16.5
C74 ADRENAL GLAND																					
M	6	1	2	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	16.8	23.1
F	4	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	15.8	17.0
T	10	2	3	2	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	16.4	19.8

Site/age	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	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	19.5	0.7
F	5	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12.6	8.8
T	7	1	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	14.6	7.9
C76 OTHER AND ILL-DEFINED SITES																					
M	4	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	53.3	13.0
F	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	62.5	42.3
T	8	1	0	0	0	0	0	0	1	0	1	0	0	1	1	0	2	0	1	57.9	29.4
C77 LYMPH NODES																					
M	59	0	1	0	3	2	0	4	2	3	3	4	8	10	8	2	5	2	2	54.8	18.5
F	48	1	0	0	0	0	1	1	3	2	2	4	11	3	9	5	3	2	1	58.8	16.0
T	107	1	1	0	3	2	1	5	5	5	5	8	19	13	17	7	8	4	3	56.6	17.5
C80 UNKNOWN PRIMARY SITE																					
M	11	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0	2	0	1	63.2	11.5
F	4	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	68.5	10.4
T	15	0	0	0	0	0	0	0	0	0	1	2	2	4	2	0	2	1	1	64.6	11.2

Table 4.4 Number of cancer case by primary site.

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C00 LIP			1	4	5
	C00.1	External lower lip	0	2	2
	C00.3	Mucosa of upper lip	0	1	1
	C00.4	Mucosa of lower lip	1	0	1
	C00.5	Mucosa of lip, NOS	0	1	1
C01 BASE OF TOUNGUE			12	0	12
	C01.9	Base of tongue, NOS	12	0	12
C02 OTHER AND UNSPECIFIED PART OF TONGUE			22	11	33
	C02.1	Border of tongue	2	4	6
	C02.2	Ventral surface of tongue, NOS	1	0	1
	C02.3	Anterior 2/3 of tongue, NOS	3	0	3
	C02.8	Overl. lesion of tongue	1	0	1
	C02.9	Tongue, NOS	15	7	22
C03 GUM			3	3	6
	C03.1	Lower gum	2	3	5
	C03.9	Gum, NOS	1	0	1
C04 FLOOR OF MOUTH			5	1	6
	C04.9	Floor of mouth, NOS	5	1	6
C05 PALATE			3	1	4
	C05.0	Hard palate	1	0	1
	C05.1	Soft palate, NOS	2	1	3
C06 OTHER AND UNSPECIFIED PART OF MOUTH			5	2	7
	C06.0	Cheek mucosa	2	2	4
	C06.2	Retromolar area	2	0	2
	C06.9	Mouth, NOS	1	0	1
C07 PAROTID GLAND			7	3	10
	C07.9	Parotid gland	7	3	10
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS			2	1	3
	C08.0	Submandibular gland	2	0	2
	C08.9	Major salivary gland, NOS	0	1	1
C09 TONSIL			18	4	22
	C09.1	Tonsillar pillar	0	1	1
	C09.9	Tonsil, NOS	18	3	21
C10 OROPHARYNX			1	0	1
	C10.9	Oropharynx, NOS	1	0	1
C11 NASOPHARYNX			47	21	68
	C11.1	Posterior wall of nasopharynx	1	1	2
	C11.2	Lateral wall of nasopharynx	3	1	4
	C11.9	Nasopharynx, NOS	43	19	62
C12 PYRIFORM SINUS			11	0	11
	C12.9	Pyriform sinus	11	0	11
C13 HYPOPHARYNX			1	0	1
	C13.9	Hypopharynx, NOS	1	0	1
C14 ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX AND OTHER			0	1	1
	C14.0	Pharynx, NOS	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C15 ESOPHAGUS			48	5	53
	C15.0	Cervical esophagus	3	0	3
	C15.1	Thoracic esophagus	11	2	13
	C15.3	Upper third of esophagus	3	0	3
	C15.4	Middle third of esophagus	8	0	8
	C15.5	Lower third of esophagus	7	1	8
	C15.8	Overl. lesion of esophagus	1	0	1
	C15.9	Esophagus, NOS	15	2	17
C16 STOMACH			39	44	83
	C16.0	Cardia, NOS	6	2	8
	C16.1	Fundus of stomach	2	0	2
	C16.2	Body of stomach	2	2	4
	C16.3	Gastric antrum	3	6	9
	C16.4	Pylorus	1	1	2
	C16.9	Stomach, NOS	25	33	58
C17 SMALL INTESTINE			10	5	15
	C17.0	Duodenum	4	3	7
	C17.1	Jejunum	1	0	1
	C17.2	Ileum	3	0	3
	C17.9	Small intestine	2	2	4
C18 COLON			127	120	247
	C18.0	Cecum	10	16	26
	C18.1	Appendix	0	2	2
	C18.2	Ascending colon	19	19	38
	C18.3	Hepatic flexure of colon	3	8	11
	C18.4	Transverse colon	8	12	20
	C18.5	Splenic flexure of colon	5	5	10
	C18.6	Descending colon	6	11	17
	C18.7	Sigmoid colon	69	41	110
	C18.9	Colon, NOS	7	6	13
C19 RECTOSIGMOID JUNCTION			5	10	15
	C19.9	Rectosigmoid junction	5	10	15
C20 RECTUM			84	74	158
	C20.9	Rectum, NOS	84	74	158
C21 ANUS AND ANAL CANAL			0	5	5
	C21.0	Anus, NOS	0	3	3
	C21.1	Anal canal	0	2	2
C22 LIVER AND INTRAHEPATIC BILE DUCTS			190	85	275
	C22.0	Liver	151	58	209
	C22.1	Intrahepatic bile duct	39	27	66
C23 GALLBLADDER			6	11	17
	C23.9	Gallbladder	6	11	17
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT			17	10	27
	C24.0	Extrahepatic bile duct	10	3	13
	C24.1	Ampulla of Vater	7	7	14

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C25 PANCREAS			26	30	56
	C25.0	Head of pancreas	16	15	31
	C25.1	Body of pancreas	3	4	7
	C25.2	Tail of pancreas	2	3	5
	C25.9	Pancreas, NOS	5	8	13
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER			0	2	2
	C26.0	Intestinal tract, NOS	0	1	1
	C26.9	Gastrointestinal tract, NOS	0	1	1
C30 NASAL CAVITY AND MIDDLE EAR			12	4	16
	C30.0	Nasal cavity	12	4	16
C31 ACCESSORY SINUSES			4	6	10
	C31.0	Maxillary sinus	1	5	6
	C31.1	Ethmoid sinus	2	1	3
	C31.3	Sphenoid sinus	1	0	1
C32 LARYNX			22	1	23
	C32.0	Glottis	14	1	15
	C32.1	Supraglottis	6	0	6
	C32.2	Subglottis	1	0	1
	C32.9	Larynx, NOS	1	0	1
C34 LUNG AND BRONCHUS			147	118	265
	C34.1	Upper lobe, lung	76	42	118
	C34.2	Middle lobe, lung	8	3	11
	C34.3	Lower lobe, lung	44	54	98
	C34.8	Overl. lesion of lung	2	0	2
	C34.9	Lung, NOS	17	19	36
C37 THYMUS			4	3	7
	C37.9	Thymus	4	3	7
C38 HEART, MEDIASTINUM AND PLEURA			13	5	18
	C38.1	Anterior mediastinum	7	0	7
	C38.3	Mediastinum, NOS	1	3	4
	C38.4	Pleura, NOS	5	2	7
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS			6	3	9
	C40.0	Long bones of upper limb, scapula and associated joints	2	1	3
	C40.2	Long bones of lower limb and associated joints	4	2	6
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES			7	5	12
	C41.0	Bones of skull and face and associated joints	2	2	4
	C41.1	Mandible	1	2	3
	C41.2	Vertebral column	2	0	2
	C41.3	Rib, sternum, clavicle and associated joints	1	0	1
	C41.4	Pelvic bones, sacrum, coccyx and associated joints	1	1	2
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS			94	70	164
	C42.0	Blood	1	0	1
	C42.1	Bone marrow	93	70	163
C44 SKIN			38	20	58
	C44.1	Eyelid	4	4	8
	C44.2	External ear	6	1	7
	C44.3	Skin, other and unspecified parts of face	3	4	7

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
	C44.4	Skin of scalp and neck	6	1	7
	C44.5	Skin of trunk	4	4	8
	C44.6	Skin of upper limb and shoulder	4	0	4
	C44.7	Skin of lower limb and hip	8	6	14
	C44.8	Overl. lesion of skin	1	0	1
	C44.9	Skin, NOS	2	0	2
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYNSTEM			1	1	2
	C47.4	Per. nerves & A.N.S. of abdomen	1	0	1
	C47.9	Autonomic nervous system, NOS	0	1	1
C48 RETROPERITONEUM AND PERITONEUM			4	12	16
	C48.0	Retroperitoneum	4	8	12
	C48.1	Specified parts of peritoneum	0	1	1
	C48.2	Peritoneum, NOS	0	3	3
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES			15	15	30
	C49.0	Connec., subcut. and other soft tissues of head, face, and neck	0	4	4
	C49.1	Connec., subcut. and other soft tissues of upper limb and shoulder	2	1	3
	C49.2	Connec., subcut. and other soft tissues of lower limb and hip	8	5	13
	C49.4	Connec., subcut. and other soft tissues of abdomen	4	0	4
	C49.5	Connec., subcut. and other soft tissues of pelvis	1	3	4
	C49.6	Connec., subcut. and other soft tissues of trunk	0	2	2
C50 BREAST			1	543	544
	C50.0	Nipple	0	20	20
	C50.1	Central portion of breast	0	36	36
	C50.2	Upper-inner quadrant of breast	0	87	87
	C50.3	Lower-inner quadrant of breast	0	32	32
	C50.4	Upper-outer quadrant of breast	0	228	228
	C50.5	Lower-outer quadrant of breast	0	43	43
	C50.6	Axillary tail of breast	0	1	1
	C50.8	Overl. lesion of breast	0	21	21
	C50.9	Breast, NOS	1	75	76
C51 VULVA			0	5	5
	C51.9	Vulva, NOS	0	5	5
C52 VAGINA			0	2	2
	C52.9	Vagina, NOS	0	2	2
C53 CERVIX UTERI			0	102	102
	C53.0	Endocervix	0	21	21
	C53.1	Exocervix	0	73	73
	C53.8	Overl. lesion of cervix uteri	0	1	1
	C53.9	Cervix uteri	0	7	7
C54 CORPUS UTERI			0	122	122
	C54.1	Endometrium	0	121	121
	C54.2	Myometrium	0	1	1
C55 UTERUS, NOS			0	4	4
	C55.9	Uterus, NOS	0	4	4

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C56 OVARY			0	65	65
	C56.9	Ovary	0	65	65
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS			0	1	1
	C57.0	Fallopian tube	0	1	1
C60 PENIS			10	0	10
	C60.0	Prepuce	2	0	2
	C60.1	Glans penis	1	0	1
	C60.2	Body of penis	1	0	1
	C60.9	Penis, NOS	6	0	6
C61 PROSTATE GLAND			177	0	177
	C61.9	Prostate gland	177	0	177
C62 TESTIS			5	0	5
	C62.1	Descended testis	1	0	1
	C62.9	Testis, NOS	4	0	4
C63 EPIDIDYMIS, SPERMATIC CORD, MALE GENITAL ORGANS			2	0	2
	C63.2	Scrotum, NOS	2	0	2
C64 KIDNEY			43	26	69
	C64.9	Kidney	43	26	69
C65 RENAL PELVIS			5	3	8
	C65.9	Renal pelvis	5	3	8
C66 URETER			4	4	8
	C66.9	Ureter	4	4	8
C67 URINARY BLADDER			64	25	89
	C67.2	Lateral wall of urinary bladder	4	0	4
	C67.3	Anterior wall of urinary bladder	3	3	6
	C67.4	Posterior wall of urinary bladder	1	1	2
	C67.5	Bladder neck	5	0	5
	C67.6	Ureteric orifice	1	0	1
	C67.8	Overl. lesion of bladder	1	1	2
	C67.9	Bladder, NOS	49	20	69
C68 OTHER AND UNSPECIFIED URINARY ORGANS			0	1	1
	C68.0	Urethra	0	1	1
C69 EYE AND ADNEXA			16	18	34
	C69.0	Conjunctiva	1	3	4
	C69.2	Retina	3	4	7
	C69.3	Choroid	6	3	9
	C69.4	Eyeball	1	0	1
	C69.5	Lacrimal gland, NOS	2	4	6
	C69.6	Orbit, NOS	2	3	5
	C69.9	Eye, NOS	1	1	2
C71 BRAIN			43	40	83
	C71.0	Cerebrum	8	8	16
	C71.1	Frontal lobe	8	14	22
	C71.2	Temporal lobe	5	8	13
	C71.3	Parietal lobe	9	2	11
	C71.4	Occipital lobe	0	2	2
	C71.6	Cerebellum, NOS	8	1	9

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
	C71.7	Brain stem	5	3	8
	C71.9	Brain, NOS	0	2	2
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM			2	0	2
	C72.3	Optic nerve	2	0	2
C73 THYROID GLAND			34	191	225
	C73.9	Thyroid gland	34	191	225
C74 ADRENAL GLAND			6	4	10
	C74.0	Cortex of adrenal gland	0	1	1
	C74.9	Adrenal gland, NOS	6	3	9
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES			2	5	7
	C75.1	Pituitary gland	0	1	1
	C75.3	Pineal gland	2	4	6
C76 OTHER AND ILL-DEFINED SITES			4	4	8
	C76.0	Head, face or neck, NOS	1	1	2
	C76.2	Abdomen, NOS	2	0	2
	C76.5	Lower limb, NOS	1	3	4
C77 LYMPH NODES			59	48	107
	C77.0	Lymph nodes of head, face and neck	10	9	19
	C77.1	Intrathoracic lymph nodes	2	3	5
	C77.2	Intra-abdominal lymph nodes	10	1	11
	C77.3	Lymph nodes of axilla or arm	3	2	5
	C77.4	Lymph nodes, inguinal region or leg	0	4	4
	C77.9	Lymph node, NOS	34	29	63
C80 UNKNOWN PRIMARY SITE			11	4	15
	C80.9	Unknown primary site	11	4	15

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

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C00 LIP					
C00.1	External lower lip		0	2	2
M	8070/3	Squamous cell carcinoma, NOS	0	2	2
C00.3	Mucosa of upper lip		0	1	1
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
C00.4	Mucosa of lower lip		1	0	1
M	8430/3	Mucoepidermoid carcinoma	1	0	1
C00.5	Mucosa of lip, NOS		0	1	1
M	8200/3	Adenoid cystic carcinoma	0	1	1
C01 BASE OF TOUNGUE					
C01.9	Base of tongue, NOS		12	0	12
M	8070/3	Squamous cell carcinoma, NOS	11	0	11
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C02 OTHER AND UNSPECIFIED PART OF TONGUE					
C02.1	Border of tongue		2	4	6
M	8070/3	Squamous cell carcinoma, NOS	1	4	5
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
C02.2	Ventral surface of tongue, NOS		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C02.3	Anterior 2/3 of tongue, NOS		3	0	3
M	8070/3	Squamous cell carcinoma, NOS	3	0	3
C02.8	Overl. lesion of tongue		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C02.9	Tongue, NOS		15	7	22
M	8070/3	Squamous cell carcinoma, NOS	12	7	19
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	3	0	3
C03 GUM					
C03.1	Lower gum		2	3	5
M	8070/3	Squamous cell carcinoma, NOS	2	3	5
C03.9	Gum, NOS		1	0	1
M	8076/3	Squamous cell carcinoma, microinvasive	1	0	1
C04 FLOOR OF MOUTH					
C04.9	Floor of mouth, NOS		5	1	6
M	8010/3	Carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	3	1	4
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C05 PALATE					
C05.0	Hard palate		1	0	1
M	9590/3	Malignant lymphoma, NOS	1	0	1
C05.1	Soft palate, NOS		2	1	3
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C06 OTHER AND UNSPECIFIED PART OF MOUTH					
C06.0	Cheek mucosa		2	2	4
M	8070/3	Squamous cell carcinoma, NOS	1	2	3
M	8200/3	Adenoid cystic carcinoma	1	0	1
C06.2	Retromolar area		2	0	2
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
C06.9	Mouth, NOS		1	0	1
M	9687/3	Burkitt lymphoma, NOS	1	0	1
C07 PAROTID GLAND					
C07.9	Parotid gland		7	3	10
M	8070/3	Squamous cell carcinoma, NOS	4	1	5
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	8200/3	Adenoid cystic carcinoma	1	1	2
M	8430/3	Mucoepidermoid carcinoma	0	1	1
M	8982/3	Malignant myoepithelioma	1	0	1
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS					
C08.0	Submandibular gland		2	0	2
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	8550/3	Acinar cell carcinoma	1	0	1
C08.9	Major salivary gland, NOS		0	1	1
M	8200/3	Adenoid cystic carcinoma	0	1	1
C09 TONSIL					
C09.1	Tonsillar pillar		0	1	1
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
C09.9	Tonsil, NOS		18	3	21
M	8070/3	Squamous cell carcinoma, NOS	12	2	14
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	2	1	3
M	8082/3	Lymphoepithelial carcinoma	1	0	1
M	8083/3	Basaloid squamous cell carcinoma	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C10 OROPHARYNX					
C10.9	Oropharynx, NOS		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C11 NASOPHARYNX					
C11.1	Posterior wall of nasopharynx		1	1	2
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
M	8200/3	Adenoid cystic carcinoma	0	1	1
C11.2	Lateral wall of nasopharynx		3	1	4
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	3	1	4
C11.9	Nasopharynx, NOS		43	19	62
M	8020/3	Carcinoma, undifferentiated, NOS	9	2	11
M	8070/3	Squamous cell carcinoma, NOS	6	4	10
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	28	12	40
M	8200/3	Adenoid cystic carcinoma	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C12 PYRIFORM SINUS					
C12.9	Pyriform sinus		11	0	11
M	8070/3	Squamous cell carcinoma, NOS	9	0	9
M	8071/3	Squamous cell carcinoma, keratinizing, NOS	1	0	1
M	9590/3	Malignant lymphoma, NOS	1	0	1
C13 HYPOPHARYNX					
C13.9	Hypopharynx, NOS		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C14 ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX AND OTHER					
C14.0	Pharynx, NOS		0	1	1
M	9370/3	Chordoma, NOS	0	1	1
C15 ESOPHAGUS					
C15.0	Cervical esophagus		3	0	3
M	8070/3	Squamous cell carcinoma, NOS	3	0	3
C15.1	Thoracic esophagus		11	2	13
M	8070/3	Squamous cell carcinoma, NOS	9	1	10
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	2	0	2
M	8076/3	Squamous cell carcinoma, microinvasive	0	1	1
C15.3	Upper third of esophagus		3	0	3
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	1	0	1
C15.4	Middle third of esophagus		8	0	8
M	8070/3	Squamous cell carcinoma, NOS	8	0	8
C15.5	Lower third of esophagus		7	1	8
M	8070/3	Squamous cell carcinoma, NOS	6	1	7
M	8140/3	Adenocarcinoma, NOS	1	0	1
C15.8	Overl. lesion of esophagus		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C15.9	Esophagus, NOS		15	2	17
M	8070/3	Squamous cell carcinoma, NOS	13	1	14
M	8140/3	Adenocarcinoma, NOS	1	1	2
M	8560/3	Adenosquamous carcinoma	1	0	1
C16 STOMACH					
C16.0	Cardia, NOS		6	2	8
M	8140/3	Adenocarcinoma, NOS	6	2	8
C16.1	Fundus of stomach		2	0	2
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	9590/3	Malignant lymphoma, NOS	1	0	1
C16.2	Body of stomach		2	2	4
M	8004/3	Malignant tumor, spindle cell type	0	1	1
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	8490/3	Metastatic signet ring cell carcinoma	1	0	1
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C16.3	Gastric antrum		3	6	9
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	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C16.4	Pylorus		1	1	2
M	8140/3	Adenocarcinoma, NOS	1	1	2
C16.9	Stomach, NOS		25	33	58
M	8004/3	Malignant tumor, spindle cell type	0	1	1
M	8140/3	Adenocarcinoma, NOS	15	21	36
M	8490/3	Metastatic signet ring cell carcinoma	7	3	10
M	8800/3	Sarcoma, NOS	0	1	1
M	8936/3	Gastrointestinal stromal sarcoma	0	3	3
M	9590/3	Malignant lymphoma, NOS	1	0	1
M	9671/3	Malignant lymphoma, lymphoplasmacytic	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	4	5
C17 SMALL INTESTINE					
C17.0	Duodenum		4	3	7
M	8140/3	Adenocarcinoma, NOS	4	2	6
M	8936/3	Gastrointestinal stromal sarcoma	0	1	1
C17.1	Jejunum		1	0	1
M	8140/3	Adenocarcinoma, NOS	1	0	1
C17.2	Ileum		3	0	3
M	8140/3	Adenocarcinoma, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2
C17.9	Small intestine		2	2	4
M	8936/3	Gastrointestinal stromal sarcoma	1	2	3
M	9698/3	Follicular lymphoma, grade 3	1	0	1
C18 COLON					
C18.0	Cecum		10	16	26
M	8013/3	Large cell neuroendocrine carcinoma	0	1	1
M	8140/3	Adenocarcinoma, NOS	9	14	23
M	8246/3	Neuroendocrine carcinoma, NOS	0	1	1
M	8490/3	Metastatic signet ring cell carcinoma	1	0	1
C18.1	Appendix		0	2	2
M	8140/3	Adenocarcinoma, NOS	0	2	2
C18.2	Ascending colon		19	19	38
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	17	18	35
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8490/3	Metastatic signet ring cell carcinoma	1	0	1
C18.3	Hepatic flexure of colon		3	8	11
M	8140/3	Adenocarcinoma, NOS	3	8	11
C18.4	Transverse colon		8	12	20
M	8140/3	Adenocarcinoma, NOS	8	12	20

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C18.5	Splenic flexure of colon		5	5	10
M	8140/3	Adenocarcinoma, NOS	5	5	10
C18.6	Descending colon		6	11	17
M	8140/3	Adenocarcinoma, NOS	6	10	16
M	8480/3	Mucinous adenocarcinoma	0	1	1
C18.7	Sigmoid colon		69	41	110
M	8140/3	Adenocarcinoma, NOS	69	41	110
C18.9	Colon, NOS		7	6	13
M	8140/3	Adenocarcinoma, NOS	7	5	12
M	8490/3	Metastatic signet ring cell carcinoma	0	1	1
C19 RECTOSIGMOID JUNCTION					
C19.9	Rectosigmoid junction		5	10	15
M	8140/3	Adenocarcinoma, NOS	5	10	15
C20 RECTUM					
C20.9	Rectum, NOS		84	74	158
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	78	72	150
M	8200/3	Adenoid cystic carcinoma	1	0	1
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8480/3	Mucinous adenocarcinoma	2	0	2
M	8490/3	Metastatic signet ring cell carcinoma	1	0	1
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
M	8936/3	Gastrointestinal stromal sarcoma	1	0	1
C21 ANUS AND ANAL CANAL					
C21.0	Anus, NOS		0	3	3
M	8004/3	Malignant tumor, spindle cell type	0	1	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
C21.1	Anal canal		0	2	2
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
C22 LIVER AND INTRAHEPATIC BILE DUCTS					
C22.0	Liver		151	58	209
M	8170/3	Hepatocellular carcinoma, NOS	147	56	203
M	8970/3	Hepatoblastoma	3	1	4
M	8991/3	Embryonal sarcoma	1	0	1
M	9120/3	Hemangiosarcoma	0	1	1
C22.1	Intrahepaic bile duct		39	27	66
M	8140/3	Adenocarcinoma, NOS	2	1	3
M	8160/3	Cholangiocarcinoma	37	26	63
C23 GALLBLADDER					
C23.9	Gallbladder		6	11	17
M	8010/3	Carcinoma, NOS	1	3	4
M	8140/3	Adenocarcinoma, NOS	5	8	13

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT					
C24.0	Extrahepatic bile duct		10	3	13
M	8140/3	Adenocarcinoma, NOS	5	1	6
M	8160/3	Cholangiocarcinoma	4	2	6
M	8560/3	Adenosquamous carcinoma	1	0	1
C24.1	Ampulla of Vater		7	7	14
M	8140/3	Adenocarcinoma, NOS	7	6	13
M	8160/3	Cholangiocarcinoma	0	1	1
C25 PANCREAS					
C25.0	Head of pancreas		16	15	31
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	15	12	27
M	9071/3	Yolk sac tumor	0	1	1
M	9473/3	Primitive neuroectodermal tumor, NOS	1	1	2
C25.1	Body of pancreas		3	4	7
M	8010/3	Carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	2	3	5
M	8500/3	Infiltrating duct carcinoma, NOS	0	1	1
C25.2	Tail of pancreas		2	3	5
M	8140/3	Adenocarcinoma, NOS	2	3	5
C25.9	Pancreas, NOS		5	8	13
M	8010/3	Carcinoma, NOS	0	2	2
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	3	6	9
M	9687/3	Burkitt lymphoma, NOS	1	0	1
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER					
C26.0	Intestinal tract, NOS		0	1	1
M	8480/3	Mucinous adenocarcinoma	0	1	1
C26.9	Gastrointestinal tract, NOS		0	1	1
M	8246/3	Neuroendocrine carcinoma, NOS	0	1	1
C30 NASAL CAVITY AND MIDDLE EAR					
C30.0	Nasal cavity		12	4	16
M	8070/3	Squamous cell carcinoma, NOS	3	2	5
M	8310/3	Clear cell adenocarcinoma, mesonephroid	0	1	1
M	9251/3	Malignant giant cell tumor of soft parts	0	1	1
M	9473/3	Primitive neuroectodermal tumor, NOS	1	0	1
M	9522/3	Olfactory neuroblastoma	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	3	0	3
M	9719/3	NK/T-cell lymphoma, nasal and nasal-type	3	0	3
M	9734/3	Plasmacytoma, extramedullary (not occurring in bone)	1	0	1
C31 ACCESSORY SINUSES					
C31.0	Maxillary sinus		1	5	6
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8200/3	Adenoid cystic carcinoma	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8810/3	Fibrosarcoma, NOS	0	1	1
M	8890/3	Leiomyosarcoma, NOS	0	1	1
M	9180/3	Osteosarcoma, NOS	1	0	1
M	9719/3	NK/T-cell lymphoma, nasal and nasal-type	0	1	1
C31.1	Ethmoid sinus		2	1	3
M	8046/3	Non-small cell carcinoma	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
C31.3	Sphenoid sinus		1	0	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C32 LARYNX					
C32.0	Glottis		14	1	15
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	2	0	2
M	8076/3	Squamous cell carcinoma, microinvasive	1	0	1
C32.1	Supraglottis		6	0	6
M	8070/3	Squamous cell carcinoma, NOS	5	0	5
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C32.2	Subglottis		1	0	1
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C32.9	Larynx, NOS		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C33 TRACHEA					
C33.9	Trachea		0	0	0
C34 LUNG AND BRONCHUS					
C34.0	Main bronchus		0	0	0
C34.1	Upper lobe, lung		76	42	118
M	8022/3	Pleomorphic carcinoma	1	0	1
M	8041/3	Small cell carcinoma, NOS	3	0	3
M	8046/3	Non-small cell carcinoma	41	23	64
M	8070/3	Squamous cell carcinoma, NOS	5	0	5
M	8140/3	Adenocarcinoma, NOS	23	18	41
M	8200/3	Adenoid cystic carcinoma	1	0	1
M	8430/3	Mucoepidermoid carcinoma	1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	1	0	1
C34.2	Middle lobe, lung		8	3	11
M	8046/3	Non-small cell carcinoma	5	3	8
M	8140/3	Adenocarcinoma, NOS	3	0	3
C34.3	Lower lobe, lung		44	54	98
M	8010/3	Carcinoma, NOS	3	0	3
M	8013/3	Large cell neuroendocrine carcinoma	0	1	1
M	8041/3	Small cell carcinoma, NOS	2	1	3
M	8046/3	Non-small cell carcinoma	22	26	48

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	16	23	39
M	8480/3	Mucinous adenocarcinoma	0	2	2
M	8550/3	Acinar cell carcinoma	0	1	1
C34.8	Overl. lesion of lung		2	0	2
M	8046/3	Non-small cell carcinoma	2	0	2
C34.9	Lung, NOS		17	19	36
M	8010/3	Carcinoma, NOS	2	1	3
M	8041/3	Small cell carcinoma, NOS	1	2	3
M	8046/3	Non-small cell carcinoma	7	8	15
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	5	8	13
M	8550/3	Acinar cell carcinoma	1	0	1
C37 THYMUS					
C37.9	Thymus		4	3	7
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8582/3	Thymoma, type AB, malignant	0	2	2
M	8584/3	Thymoma, type B2, malignant	0	1	1
M	8585/3	Thymoma, type B3, malignant	2	0	2
M	8586/3	Thymic carcinoma, NOS	1	0	1
C38 HEART, MEDIASTINUM AND PLEURA					
C38.1	Anterior mediastinum		7	0	7
M	9064/3	Germinoma	4	0	4
M	9065/3	Germ cell tumor, nonseminomatous	1	0	1
M	9070/3	Embryonal carcinoma, NOS	1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C38.3	Mediastinum, NOS		1	3	4
M	8850/3	Liposarcoma, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	2	3
C38.4	Pleura, NOS		5	2	7
M	8046/3	Non-small cell carcinoma	2	0	2
M	8140/3	Adenocarcinoma, NOS	1	1	2
M	9050/3	Mesothelioma, malignant	2	1	3
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS					
C40.0	Long bones of upper limb, scapula and associated joints		2	1	3
M	9220/3	Chondrosarcoma, NOS	1	1	2
M	9260/3	Ewing sarcoma	1	0	1
C40.2	Long bones of lower limb and associated joints		4	2	6
M	8542/3	Paget disease, extramammary (except Paget disease of bone)	1	0	1
M	8801/3	Spindle cell sarcoma	1	0	1
M	9180/3	Osteosarcoma, NOS	1	2	3
M	9260/3	Ewing sarcoma	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES					
C41.0	Bones of skull and face and associated joints		2	2	4
M	8810/3	Fibrosarcoma, NOS	1	0	1
M	9370/3	Chordoma, NOS	0	2	2
M	9753/3	Langerhans cell histiocytosis, multifocal	1	0	1
C41.1	Mandible		1	2	3
M	8830/3	Malignant fibrous hitiocytoma	0	1	1
M	9270/3	Odontogenic tumor, malignant	1	0	1
M	9310/3	Ameloblastoma, malignant	0	1	1
C41.2	Vertebral column		2	0	2
M	9260/3	Ewing sarcoma	1	0	1
M	9370/3	Chordoma, NOS	1	0	1
C41.3	Rib, sternum, clavicle and associated joints		1	0	1
M	8740/3	Malignant melanoma in a junctional nevus	1	0	1
C41.4	Pelvic bones, sacrum, coccyx and associated joints		1	1	2
M	9180/3	Osteosarcoma, NOS	0	1	1
M	9220/3	Chondrosarcoma, NOS	1	0	1
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS					
C42.0	Blood		1	0	1
M	9761/3	Waldenstrom macroglobulinemia	1	0	1
C42.1	Bone marrow		93	70	163
M	8830/3	Malignant fibrous hitiocytoma	1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M	9732/3	Multiple myeloma	20	22	42
M	9800/3	Leukemia, NOS	1	0	1
M	9823/3	B-cell chronic lymphocytic leukemia/small lymphocytic lymphoma	4	0	4
M	9835/3	Precursor cell lymphoblastic leukemia, NOS	15	18	33
M	9836/3	Precursor B cell lymphoblastic leukemia	3	3	6
M	9837/3	Precursor T-cell lymphoblastic leukemia	3	0	3
M	9861/3	Acute myeloid leukemia, NOS	27	12	39
M	9863/3	Chronic myeloid leukemia, NOS	7	3	10
M	9867/3	Acute myelomonocytic leukemia	0	1	1
M	9940/3	Hairy cell leukemia	1	0	1
M	9946/3	Juvenile myelomonocytic leukemia	1	1	2
M	9950/3	Polycythemia vera	1	0	1
M	9962/3	Essential thrombocythemia	0	4	4
M	9989/3	Myelodysplastic syndrome, NOS	8	6	14
C44 SKIN					
C44.1	Eyelid		4	4	8
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8090/3	Basal cell carcinoma, NOS	3	1	4
M	8410/3	Sebaceous adenocarcinoma	0	2	2
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C44.2	External ear		6	1	7
M	8070/3	Squamous cell carcinoma, NOS	5	0	5
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	1	1	2
C44.3	Skin, other and unspecified parts of face		3	4	7
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8090/3	Basal cell carcinoma, NOS	2	2	4
M	8832/3	Dermatofibrosarcoma, NOS	0	2	2
C44.4	Skin of scalp and neck		6	1	7
M	8070/3	Squamous cell carcinoma, NOS	2	1	3
M	8090/3	Basal cell carcinoma, NOS	2	0	2
M	8413/3	Eccrine adenocarcinoma	1	0	1
M	9754/3	Langerhans cell histiocytosis, disseminated	1	0	1
C44.5	Skin of trunk		4	4	8
M	8070/3	Squamous cell carcinoma, NOS	1	1	2
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	1	1	2
M	8832/3	Dermatofibrosarcoma, NOS	1	2	3
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C44.6	Skin of upper limb and shoulder		4	0	4
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8090/3	Basal cell carcinoma, NOS	2	0	2
M	9140/3	Kaposi sarcoma	1	0	1
C44.7	Skin of lower limb and hip		8	6	14
M	8051/3	Verrucous carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	3	2	5
M	8090/3	Basal cell carcinoma, NOS	0	1	1
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	2	1	3
M	8801/3	Spindle cell sarcoma	1	0	1
M	9044/3	Clear cell sarcoma, NOS (except of kidney)	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M	9708/3	Subcutaneous panniculitis-like T-cell lymphoma	0	1	1
C44.8	Overl. lesion of skin		1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C44.9	Skin, NOS		2	0	2
M	9140/3	Kaposi sarcoma	1	0	1
M	9754/3	Langerhans cell histiocytosis, disseminated	1	0	1
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYNSTEM					
C47.4	Per. nerves & A.N.S. of abdomen		1	0	1
M	9540/3	Malignant peripheral nerve sheath tumor	1	0	1
C47.9	Autonomic nervous system, NOS		0	1	1
M	9540/3	Malignant peripheral nerve sheath tumor	0	1	1
C48 RETROPERITONEUM AND PERITONEUM					
C48.0	Retroperitoneum		4	8	12
M	8010/3	Carcinoma, NOS	0	1	1
M	8800/3	Sarcoma, NOS	1	1	2
M	8850/3	Liposarcoma, NOS	3	2	5

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8890/3	Leiomyosarcoma, NOS	0	3	3
M	9540/3	Malignant peripheral nerve sheath tumor	0	1	1
C48.1	Specified parts of peritoneum		0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C48.2	Peritoneum, NOS		0	3	3
M	8010/3	Carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8260/3	Papillary adenocarcinoma, NOS	0	1	1
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES					
C49.0	Connec., subcut. and other soft tissues of head, face, and neck		0	4	4
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8900/3	Rhabdomyosarcoma, NOS	0	1	1
M	8910/3	Embryonal rhabdomayosarcoma, NOS	0	1	1
M	9260/3	Ewing sarcoma	0	1	1
C49.1	Connec., subcut. and other soft tissues of upper limb and shoulder		2	1	3
M	8811/3	Fibromyxosarcoma	1	1	2
M	8852/3	Myxoid liposarcoma	1	0	1
C49.2	Connec., subcut. and other soft tissues of lower limb and hip		8	5	13
M	8801/3	Spindle cell sarcoma	1	0	1
M	8811/3	Fibromyxosarcoma	1	0	1
M	8830/3	Malignant fibrous hitiocytoma	1	1	2
M	8850/3	Liposarcoma, NOS	1	2	3
M	8890/3	Leiomyosarcoma, NOS	2	1	3
M	9040/3	Synovial sarcoma, NOS	0	1	1
M	9044/3	Clear cell sarcoma, NOS (except of kidney)	1	0	1
M	9581/3	Alveolar soft part sarcoma	1	0	1
C49.4	Connec., subcut. and other soft tissues of abdomen		4	0	4
M	8800/3	Sarcoma, NOS	1	0	1
M	8806/3	Desmopoastic small round cell tumor	1	0	1
M	8850/3	Liposarcoma, NOS	1	0	1
M	8900/3	Rhabdomyosarcoma, NOS	1	0	1
C49.5	Connec., subcut. and other soft tissues of pelvis		1	3	4
M	8810/3	Fibrosarcoma, NOS	0	1	1
M	8830/3	Malignant fibrous hitiocytoma	0	1	1
M	8832/3	Dermatofibrosarcoma, NOS	1	0	1
M	8900/3	Rhabdomyosarcoma, NOS	0	1	1
C49.6	Connec., subcut. and other soft tissues of trunk		0	2	2
M	8830/3	Malignant fibrous hitiocytoma	0	2	2
C50 BREAST					
C50.0	Nipple		0	17	17
M	8004/3	Malignant tumor, spindle cell type	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	2	2
M	8500/3	Infiltrating duct carcinoma, NOS	0	14	14

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C50.1	Central portion of breast		0	34	34
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	2	2
M	8500/3	Infiltrating duct carcinoma, NOS	0	29	29
M	8503/3	Intraductal paillary adenocarcinoma with invasion	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C50.2	Upper-inner quadrant of breast		0	83	83
M	8010/3	Carcinoma, NOS	0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	0	80	80
M	8503/3	Intraductal paillary adenocarcinoma with invasion	0	2	2
C50.3	Lower-inner quadrant of breast		0	29	32
M	8500/3	Infiltrating duct carcinoma, NOS	0	24	24
M	8503/3	Intraductal paillary adenocarcinoma with invasion	0	3	3
M	9020/3	Phyllodes tumor, malignant	0	2	2
C50.4	Upper-outer quadrant of breast		0	210	210
M	8050/3	Papillary carcinoma, NOS	0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	3	3
M	8500/3	Infiltrating duct carcinoma, NOS	0	201	201
M	8503/3	Intraductal paillary adenocarcinoma with invasion	0	1	1
M	8507/3	Invasive micropapillary carcinoma	0	1	1
M	8520/3	Lobular carcinoma, NOS	0	1	1
M	8600/3	Thecoma, malignant	0	1	1
C50.5	Lower-outer quadrant of breast		0	40	40
M	8480/3	Mucinous adenocarcinoma	0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	0	38	38
M	8520/3	Lobular carcinoma, NOS	0	1	1
C50.6	Axillary tail of breast		0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	0	1	1
C50.8	Overl. lesion of breast		0	18	18
M	8500/3	Infiltrating duct carcinoma, NOS	0	18	18
C50.9	Breast, NOS		1	70	71
M	8010/3	Carcinoma, NOS	0	3	3
M	8140/3	Adenocarcinoma, NOS	0	2	2
M	8343/3	Papillary carcinoma, encapsulate	0	1	1
M	8500/3	Infiltrating duct carcinoma, NOS	1	63	64
M	8520/3	Lobular carcinoma, NOS	0	1	1
C51 VULVA					
C51.9	Vulva, NOS		0	5	5
M	8070/3	Squamous cell carcinoma, NOS	0	2	2
M	8140/3	Adenocarcinoma, NOS	0	2	2
M	8542/3	Paget disease, extramammary (except Paget disease of bone)	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C52 VAGINA					
	C52.9	Vagina, NOS	0	2	2
	M	8041/3 Small cell carcinoma, NOS	0	1	1
	M	8070/3 Squamous cell carcinoma, NOS	0	1	1
C53 CERVIX UTERI					
	C53.0	Endocervix	0	21	21
	M	8140/3 Adenocarcinoma, NOS	0	16	16
	M	8380/3 Endometrioid adenocarcinoma, NOS	0	2	2
	M	8384/3 Adenocarcinoma, endocervical type	0	1	1
	M	8441/3 Serous cystadenocarcinoma, NOS	0	1	1
	M	8480/3 Mucinous adenocarcinoma	0	1	1
	C53.1	Exocervix	0	73	73
	M	8052/3 Papillary squamous cell carcinoma	0	1	1
	M	8070/3 Squamous cell carcinoma, NOS	0	33	33
	M	8071/3 Squamous cell carcinoma, keratinizing, NOS	0	5	5
	M	8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	25	25
	M	8076/3 Squamous cell carcinoma, microinvasive	0	9	9
	C53.8	Overl. lesion of cervix uteri	0	1	1
	M	8560/3 Adenosquamous carcinoma	0	1	1
	C53.9	Cervix uteri	0	7	7
	M	8010/3 Carcinoma, NOS	0	4	4
	M	8560/3 Adenosquamous carcinoma	0	3	3
C54 CORPUS UTERI					
	C54.1	Endometrium	0	121	121
	M	8013/3 Large cell neuroendocrine carcinoma	0	1	1
	M	8020/3 Carcinoma, undifferentiated, NOS	0	1	1
	M	8083/3 Basaloid squamous cell carcinoma	0	1	1
	M	8140/3 Adenocarcinoma, NOS	0	7	7
	M	8310/3 Clear cell adenocarcinoma, mesonephroid	0	3	3
	M	8380/3 Endometrioid adenocarcinoma, NOS	0	88	88
	M	8441/3 Serous cystadenocarcinoma, NOS	0	12	12
	M	8890/3 Leiomyosarcoma, NOS	0	3	3
	M	8930/3 Endometrial stromal sarcoma, NOS	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
C55 UTERUS, NOS					
	C55.9	Uterus, NOS	0	4	4
	M	8890/3 Leiomyosarcoma, NOS	0	2	2
	M	8930/3 Endometrial stromal sarcoma, NOS	0	1	1
	M	8980/3 Carcinosarcoma, NOS	0	1	1
C56 OVARY					
	C56.9	Ovary	0	65	65
	M	8010/3 Carcinoma, NOS	0	2	2
	M	8140/3 Adenocarcinoma, NOS	0	5	5

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8310/3	Clear cell adenocarcinoma, mesonephroid	0	10	10
M	8380/3	Endometrioid adenocarcinoma, NOS	0	8	8
M	8441/3	Serous cystadenocarcinoma, NOS	0	26	26
M	8460/3	Papillary serous cystadenocarcinoma	0	1	1
M	8470/3	Mucinous cystadenocarcinoma, NOS	0	1	1
M	8480/3	Mucinous adenocarcinoma	0	3	3
M	8980/3	Carcinosarcoma, NOS	0	1	1
M	9000/3	Brenner tumor, malignant	0	1	1
M	9064/3	Germinoma	0	1	1
M	9080/3	Teratoma, malignant, NOS	0	4	4
M	9084/3	Teratoma with malignant transformation	0	1	1
M	9580/3	Granular cell tumor, malignant	0	1	1
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS					
C57.0	Fallopian tube		0	1	1
M	8140/3	Adenocarcinoma, NOS	0	1	1
C60 PENIS					
C60.0	Prepuce		2	0	2
M	8070/3	Squamous cell carcinoma, NOS	2	0	2
C60.1	Glans penis		1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
C60.2	Body of penis		1	0	1
M	8560/3	Adenosquamous carcinoma	1	0	1
C60.9	Penis, NOS		6	0	6
M	8070/3	Squamous cell carcinoma, NOS	5	0	5
M	8076/3	Squamous cell carcinoma, microinvasive	1	0	1
C61 PROSTATE GLAND					
C61.9	Prostate gland		177	0	177
M	8140/3	Adenocarcinoma, NOS	170	0	170
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	8550/3	Acinar cell carcinoma	5	0	5
M	8900/3	Rhabdomyosarcoma, NOS	1	0	1
C62 TESTIS					
C62.1	Descended testis		1	0	1
M	9071/3	Yolk sac tumor	1	0	1
C62.9	Testis, NOS		4	0	4
M	9061/3	Seminoma, NOS	2	0	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2
C63 EPIDIDYMIS, SPERMATIC CORD, MALE GENITAL ORGANS					
C63.2	Scrotum, NOS		2	0	2
M	8542/3	Paget disease, extramammary (except Paget disease of bone)	1	0	1
M	8890/3	Leiomyosarcoma, NOS	1	0	1
C64 KIDNEY					
C64.9	Kidney		43	26	69
M	8120/3	Transition cell carcinoma, NOS	3	0	3
M	8260/3	Papillary adenocarcinoma, NOS	2	1	3
M	8310/3	Clear cell adenocarcinoma, mesonephroid	0	2	2

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8312/3	Renal cell carcinoma, NOS	34	19	53
M	8318/3	Renal cell carcinoma, sarcomatoid	1	0	1
M	8319/3	Coilecting duct carcinoma	1	0	1
M	8960/3	Nephroblastoma, NOS	1	3	4
M	9500/3	Neuroblastoma, NOS	0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C65 RENAL PELVIS					
C65.9	Renal pelvis		5	3	8
M	8120/3	Transition cell carcinoma, NOS	5	3	8
C66 URETER					
C66.9	Ureter		4	4	8
M	8120/3	Transition cell carcinoma, NOS	4	4	8
C67 URINARY BLADDER					
C67.2	Lateral wall of urinary bladder		4	0	4
M	8120/3	Transition cell carcinoma, NOS	4	0	4
C67.3	Anterior wall of urinary bladder		3	3	6
M	8120/3	Transition cell carcinoma, NOS	2	3	5
M	8140/3	Adenocarcinoma, NOS	1	0	1
C67.4	Posterior wall of urinary bladder		1	1	2
M	8120/3	Transition cell carcinoma, NOS	1	1	2
C67.5	Bladder neck		5	0	5
M	8010/3	Carcinoma, NOS	1	0	1
M	8120/3	Transition cell carcinoma, NOS	3	0	3
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
C67.6	Ureteric orifice		1	0	1
M	8120/3	Transition cell carcinoma, 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		49	20	69
M	8032/3	Spindle cell carcinoma, NOS	1	0	1
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8120/3	Transition cell carcinoma, NOS	41	16	57
M	8130/3	Papillary transitional cell carcinoma	4	1	5
M	8246/3	Neuroendocrine carcinoma, NOS	1	1	2
M	8490/3	Metastatic signet ring cell carcinoma	0	1	1
M	8806/3	Desmopoastic small round cell tumor	0	1	1
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	8140/3	Adenocarcinoma, NOS	0	1	1
C69 EYE AND ADNEXA					
C69.0	Conjunctiva		1	3	4
M	8083/3	Basaloid squamous cell carcinoma	1	0	1
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	0	2	2
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C69.2	Retina		3	4	7
M	9510/3	Retinoblastoma, NOS	3	4	7
C69.3	Choroid		6	3	9
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	6	3	9
C69.4	Eyeball		1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C69.5	Lacrimal gland, NOS		2	4	6
M	8200/3	Adenoid cystic carcinoma	0	2	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	2	1	3
C69.6	Orbit, NOS		2	3	5
M	8140/3	Adenocarcinoma, NOS	0	1	1
M	8901/3	Pleomorphic rhabdomyosarcoma, adult type	1	0	1
M	9540/3	Malignant peripheral nerve sheath tumor	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M	9687/3	Burkitt lymphoma, NOS	1	0	1
C69.9	Eye, NOS		1	1	2
M	9180/3	Osteosarcoma, NOS	0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	1	0	1
C71 BRAIN					
C71.0	Cerebrum		8	7	15
M	9064/3	Germinoma	2	0	2
M	9380/3	Glioma, malignant	2	2	4
M	9400/3	Astrocytoma, NOS	1	1	2
M	9401/3	Astrocytoma, anaplastic	1	2	3
M	9440/3	Glioblastoma, NOS	1	1	2
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	1	2
C71.1	Frontal lobe		8	13	21
M	9380/3	Glioma, malignant	2	1	3
M	9392/3	Ependymoma, anaplastic	1	0	1
M	9400/3	Astrocytoma, NOS	1	1	2
M	9401/3	Astrocytoma, anaplastic	1	2	3
M	9440/3	Glioblastoma, NOS	2	4	6
M	9450/3	Oligodendroglioma, NOS	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	3	3
C71.2	Temporal lobe		5	7	12
M	9380/3	Glioma, malignant	2	0	2
M	9400/3	Astrocytoma, NOS	2	2	4
M	9401/3	Astrocytoma, anaplastic	0	2	2
M	9440/3	Glioblastoma, NOS	0	3	3
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C71.3	Parietal lobe		9	2	11
M	9380/3	Glioma, malignant	1	0	1
M	9392/3	Ependymoma, anaplastic	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9440/3	Glioblastoma, NOS	6	0	6
M	9473/3	Primitive neuroectodermal tumor, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	1	2
C71.4	Occipital lobe		0	2	2
M	9401/3	Astrocytoma, anaplastic	0	1	1
M	9440/3	Glioblastoma, NOS	0	1	1
C71.6	Cerebellum, NOS		5	1	6
M	9391/3	Ependymoma, NOS	1	0	1
M	9440/3	Glioblastoma, NOS	2	0	2
M	9470/3	Medulloblastoma, NOS	1	1	2
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C71.7	Brain stem		5	3	8
M	9380/3	Glioma, malignant	3	2	5
M	9391/3	Ependymoma, NOS	0	1	1
M	9400/3	Astrocytoma, NOS	2	0	2
C71.9	Brain, NOS		0	1	1
M	9064/3	Germinoma	0	1	1
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM					
C72.3	Optic nerve		2	0	2
M	9380/3	Glioma, malignant	2	0	2
C73 THYROID GLAND					
C73.9	Thyroid gland		34	191	225
M	8021/3	Carcinoma, anaplastic, NOS	0	1	1
M	8070/3	Squamous cell carcinoma, NOS	0	1	1
M	8260/3	Papillary adenocarcinoma, NOS	29	160	189
M	8290/3	Oxyphilic adenocarcinoma	1	0	1
M	8330/3	Follicular adenocarcinoma, NOS	2	6	8
M	8340/3	Papillary carcinoma, follicular variant	1	11	12
M	8341/3	Papillary microcarcinoma	1	10	11
M	8345/3	Medullary carcinoma with amyloid stroma	0	1	1
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 carcinoma	0	1	1
C74.9	Adrenal gland, NOS		6	3	9
M	8370/3	Adrenal cortical carcinoma	1	0	1
M	9500/3	Neuroblastoma, NOS	5	3	8
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES					
C75.1	Pituitary gland		0	1	1
M	9064/3	Germinoma	0	1	1
C75.3	Pineal gland		2	4	6
M	9064/3	Germinoma	1	1	2
M	9080/3	Teratoma, malignant, NOS	1	1	2
M	9085/3	Mixed germ cell tumor	0	1	1
M	9362/3	Pineoblastoma	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
C76 OTHER AND ILL-DEFINED SITES					
C76.0	Head, face or neck, NOS		1	1	2
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8963/3	Mlignant rhabdoid tumor	0	1	1
C76.2	Abdomen, NOS		2	0	2
M	8246/3	Neuroendocrine carcinoma, NOS	1	0	1
M	9560/3	Neurilemoma, malignant	1	0	1
C76.5	Lower limb, NOS		1	3	4
M	8070/3	Squamous cell carcinoma, NOS	0	2	2
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
M	8811/3	Fibromyxosarcoma	1	0	1
C77 LYMPH NODES					
C77.0	Lymph nodes of head, face and neck		10	9	19
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	2	1	3
M	9650/3	Hodgkin lymphoma, NOS	1	1	2
M	9673/3	Mantle cell lymphoma	2	1	3
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	4	4	8
M	9687/3	Burkitt lymphoma, NOS	1	0	1
M	9690/3	Follicular lymphoma, NOS	0	1	1
M	9835/3	Precursor cell lymphoblastic leukemia, NOS	0	1	1
C77.1	Intrathoracic lymph nodes		2	3	5
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	2	3
M	9729/3	Precursor T-cell lymphoblastic lymphoma	1	0	1
C77.2	Intra-abdominal lymph nodes		10	1	11
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	3	1	4
M	9652/3	Hodgkin lymphoma, mixed cellularity, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	4	0	4
M	9687/3	Burkitt lymphoma, NOS	1	0	1
M	9719/3	NK/T-cell lymphoma, nasal and nasal-type	1	0	1
C77.3	Lymph nodes of axilla or arm		3	2	5
M	8720/3	Malignant melanoma, NOS (except juvenile melanoma)	1	0	1
M	9652/3	Hodgkin lymphoma, mixed cellularity, NOS	1	0	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	2	3
C77.4	Lymph nodes, inguinal region or leg		0	4	4
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	0	2	2
M	9698/3	Follicular lymphoma, grade 3	0	1	1
C77.9	Lymph node, NOS		34	29	63
M	9590/3	Malignant lymphoma, NOS	1	0	1
M	9591/3	Malignant lymphoma, non-Hodgkin, NOS	7	3	10
M	9650/3	Hodgkin lymphoma, NOS	7	0	7
M	9663/3	Hodgkin lymphoma, nodular sclerosis, NOS	0	1	1
M	9670/3	Malignant lymphoma, small B lymphocytic, NOS	0	1	1
M	9673/3	Mantle cell lymphoma	4	1	5

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	11	15	26
M	9687/3	Burkitt lymphoma, NOS	1	0	1
M	9690/3	Follicular lymphoma, NOS	0	2	2
M	9691/3	Follicular lymphoma, grade 2	1	0	1
M	9695/3	Follicular lymphoma, grade 1	1	0	1
M	9698/3	Follicular lymphoma, grade 3	0	1	1
M	9699/3	Marginal zone B-cell lymphoma, NOS	0	2	2
M	9702/3	Mature T-cell lymphoma, NOS	1	1	2
M	9714/3	Anaplastic large cell lymphoma, T-cell and null cell type	0	1	1
M	9729/3	Precursor T-cell lymphoblastic lymphoma	0	1	1
C80 UNKNOWN PRIMARY SITE					
C80.9	Unknown primary site		11	4	15
M	8010/3	Carcinoma, NOS	4	2	6
M	8070/3	Squamous cell carcinoma, NOS	1	0	1
M	8140/3	Adenocarcinoma, NOS	6	2	8

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)	54.2 (12.0)
Median and range age at diagnosis	53 (23:89)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	1 (0.2%)
Female	502(99.8%)
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	%
Histology or metastasis	0	0.0	2	0.4	2	0.4
Histology of primary	2	100.0	500	99.6	501	99.6
Total	**2**	**100.0**	**502**	**100.0**	**503**	**100.0**

Figure 5.1 Age at diagnosis of breast cancer, 2016, by sex.

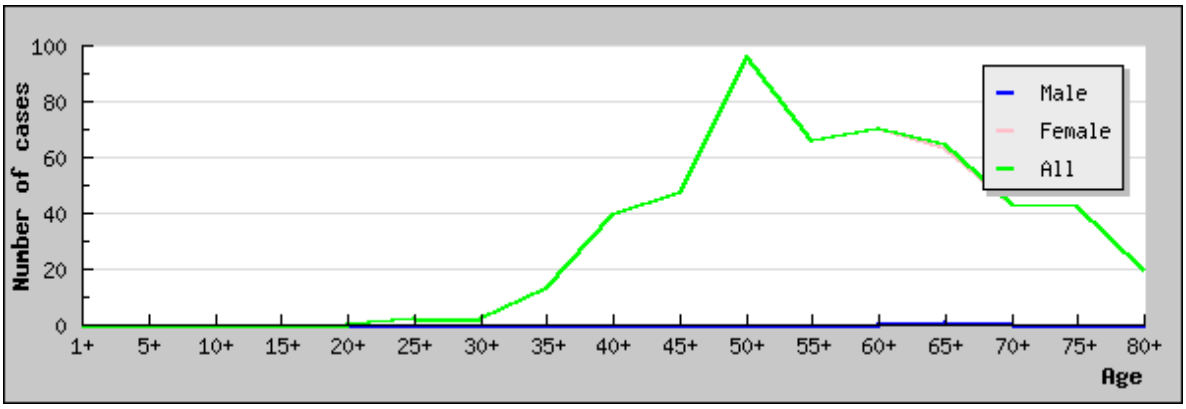


Figure 5.2 Distribution of staging for breast cancer.

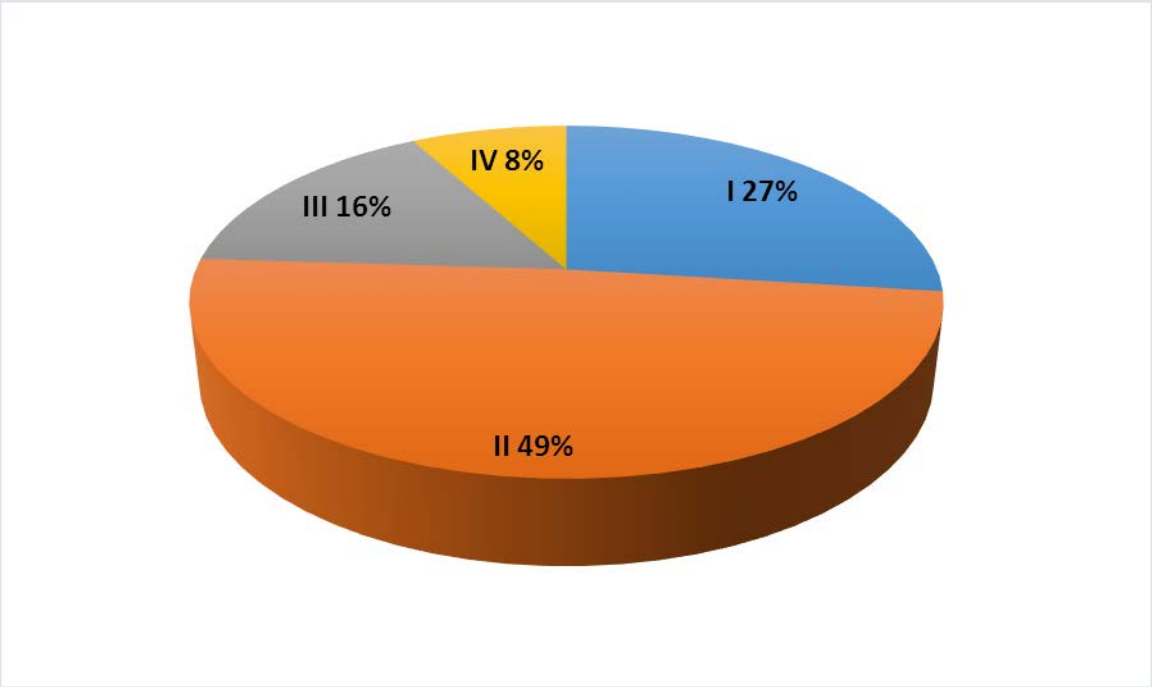
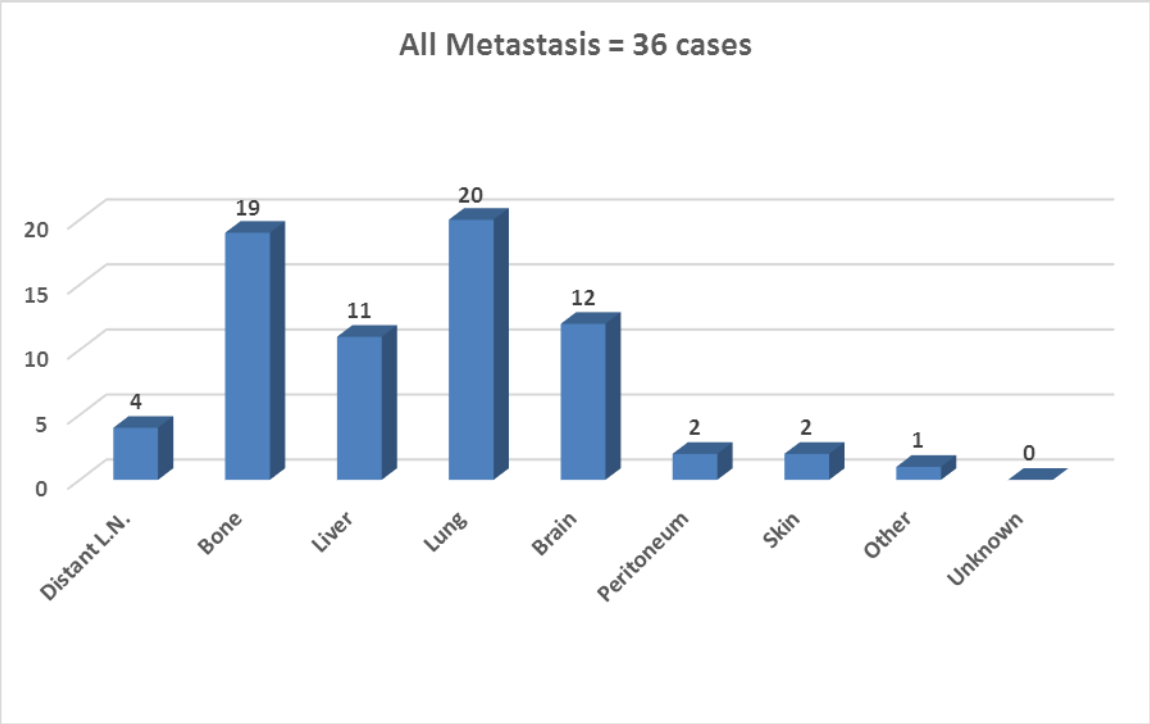


Figure 5.3 Distribution of metastasis for breast cancer.



LUNG AND BRONCHUS

Table 5.3 Age and gender of lung cancer, by sex

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	63.2 (11.4)
Median and range age at diagnosis	64 (32:89)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	147 (55.5%)
Female	118 (44.5%)
Sex ratio (male: female)	1.25:1

Table 5.4 Most valid method of diagnosis for lung cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology or metastasis	1	0.7	0	0	1	0.4
Histology of primary	146	99.3	118	100.0	264	99.6
Total	**147**	**100.0**	**118**	**100.0**	**265**	**100.0**

Figure 5.4 Age at diagnosis of lung cancer, 2016, by sex.

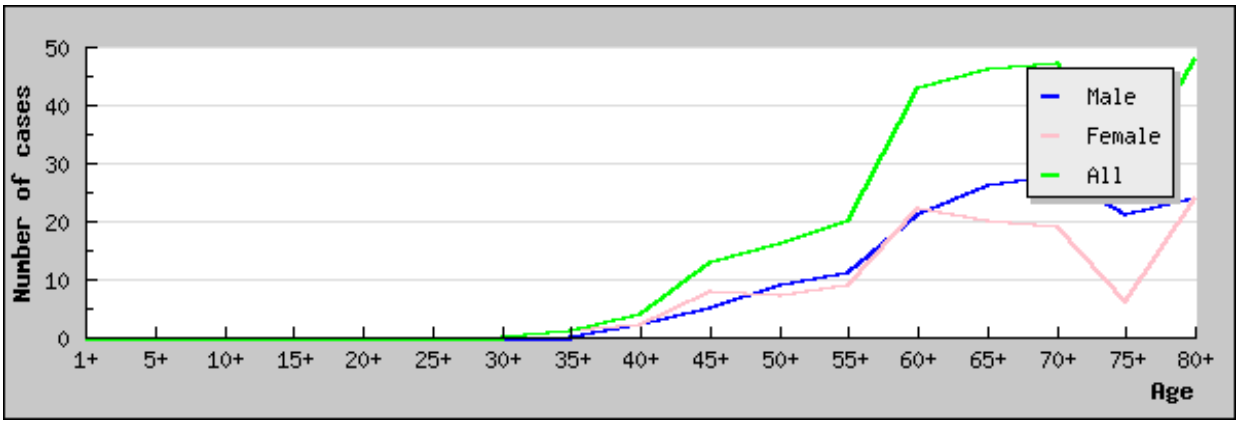


Figure 5.5 Distribution of staging for lung cancer.

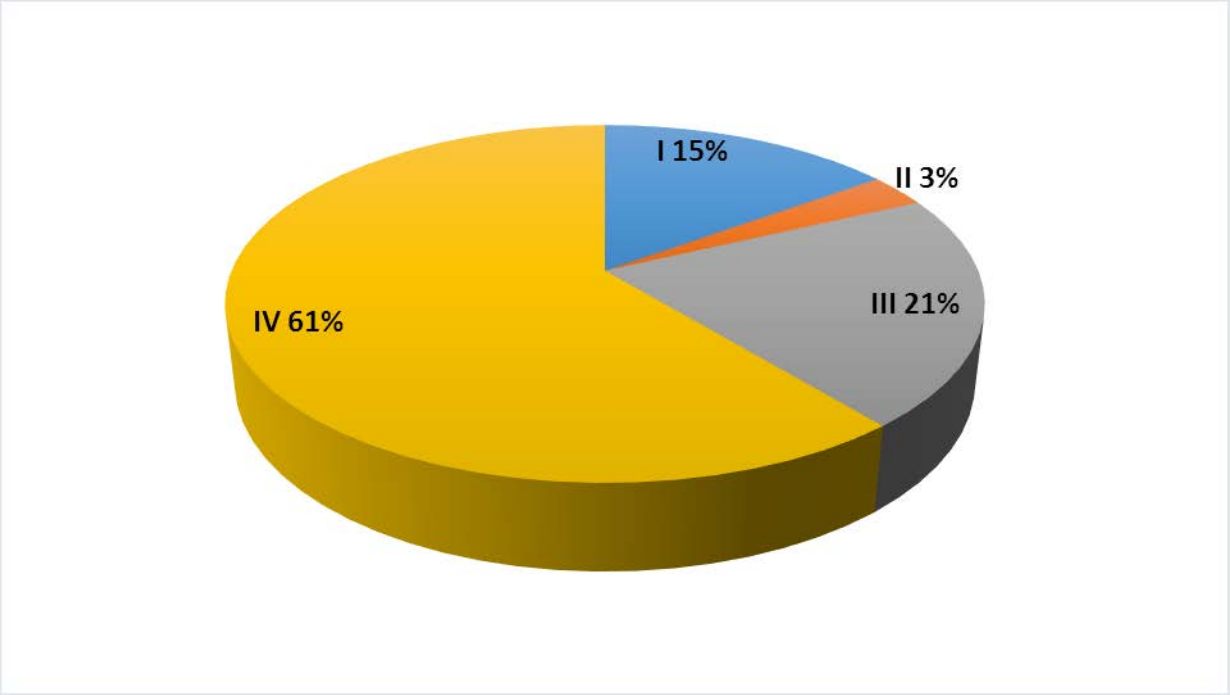
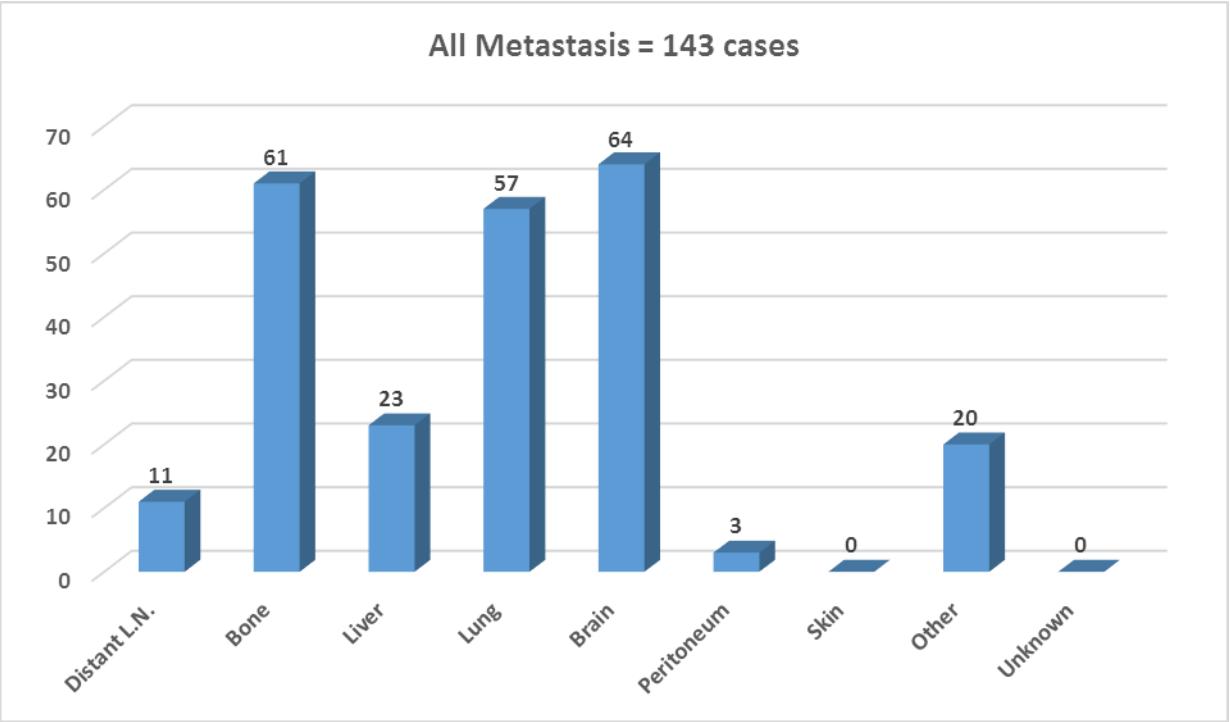


Figure 5.6 Distribution of metastasis for lung cancer.



CERVIX UTERI

Table 5.5 Age and gender of cervix uteri cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	55.2 (14.4)
Median and range age at diagnosis	55.5 (27:89)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	0 (0.0%)
Female	102(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	101	99.0	101	99.0
Total	**0**	**0.0**	**102**	**100.0**	**102**	**100.0**

Figure 5.7 Age at diagnosis of cervix uteri cancer, 2016, by sex.

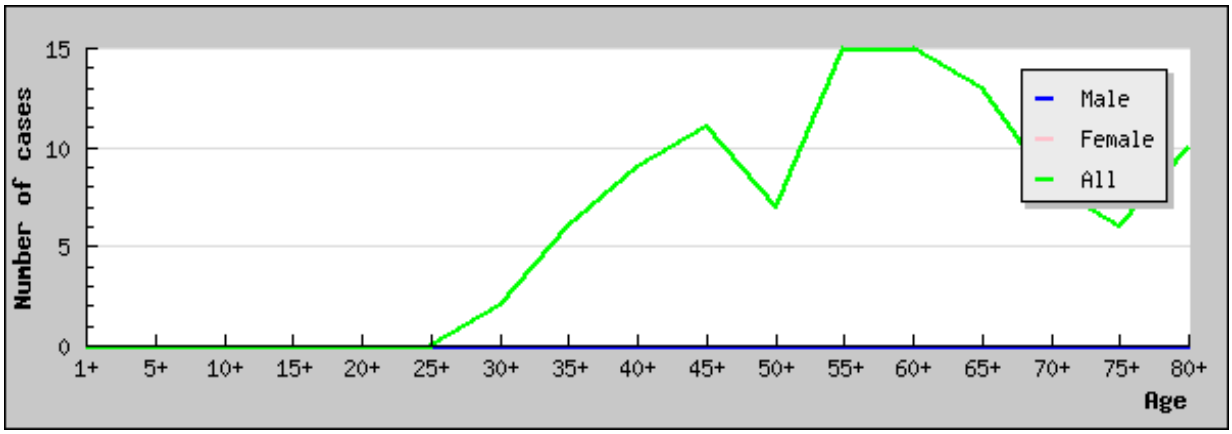


Figure 5.8 Distribution of staging for cervix uteri cancer.

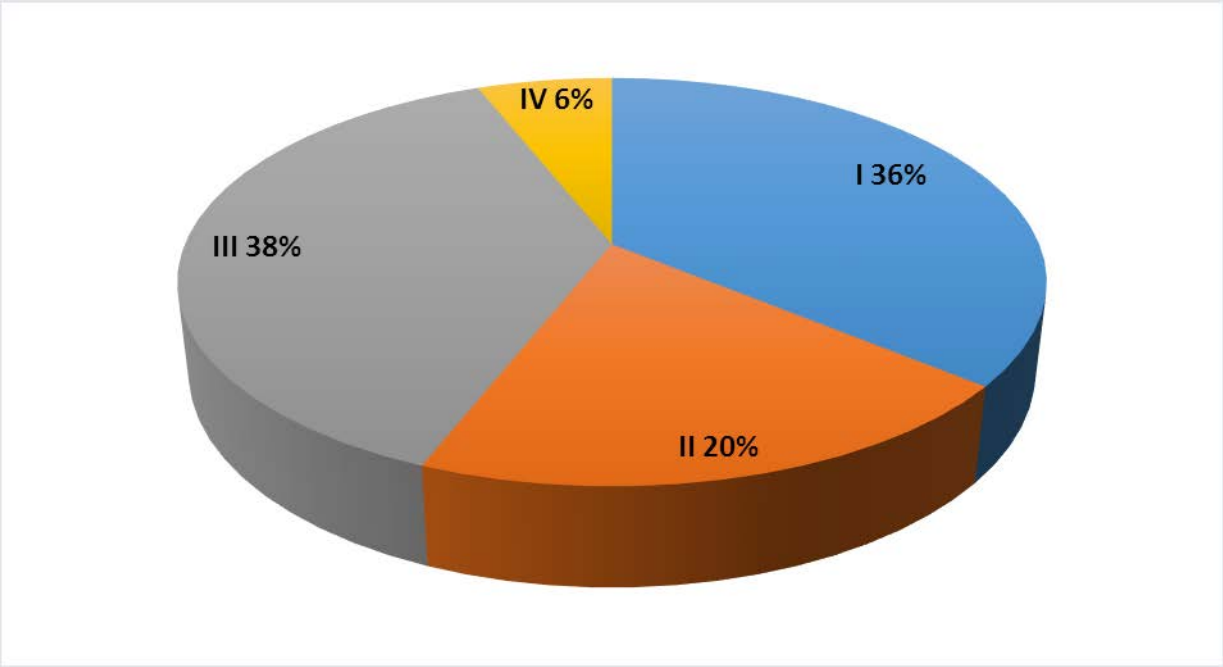
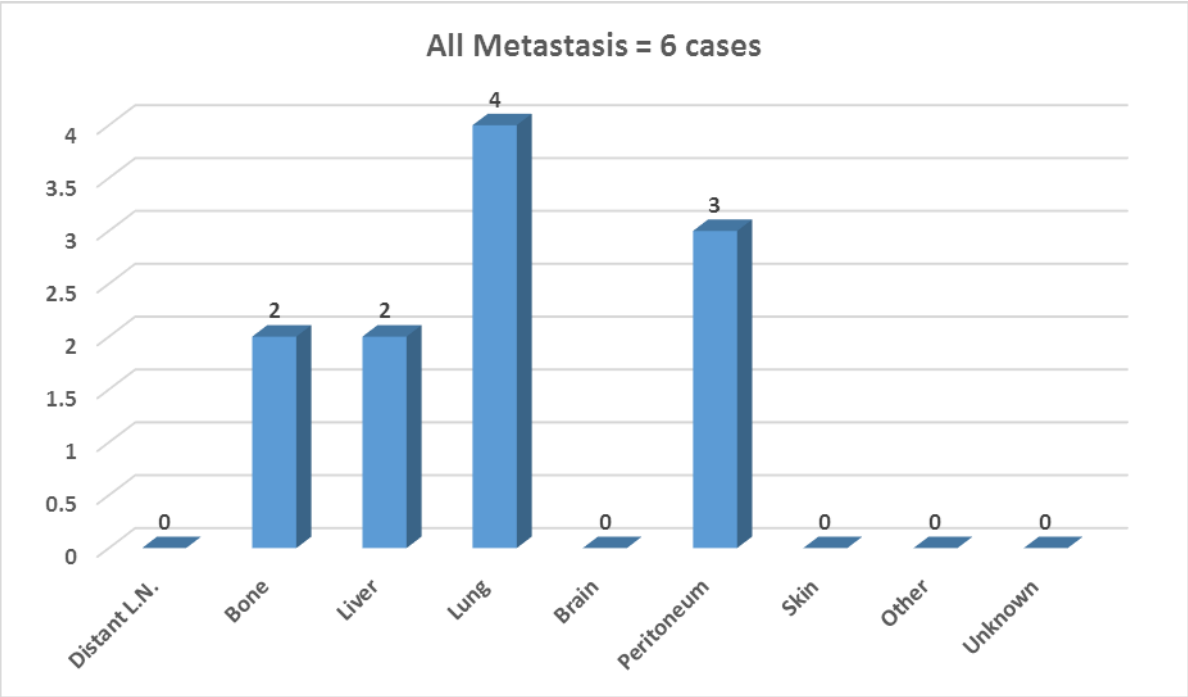


Figure 5.9 Distribution of metastasis for cervix uteri cancer.



LIVER ANDINTRAHEPATIC 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)	61.3 (13.7)
Median and range age at diagnosis	62 (0:94)
% of the patient is lower than 15 year of age at diagnosis	1.7%
Gender	
Male	207 (68.5%)
Female	95 (31.5%)
Sex ratio (male: female)	2.18:1

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

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	207	100.0	95	100.0	302	100.0
Total	**207**	**100.0**	**95**	**100.0**	**302**	**100.0**

Figure 5.10 Age at diagnosis of Liver and bile duct cancer, 2016 by sex

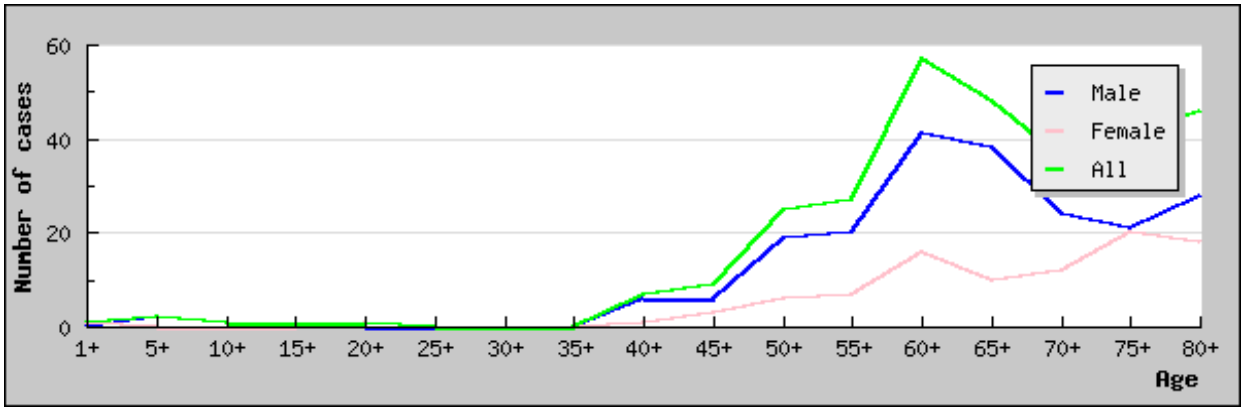


Figure 5.11 Distribution of staging for liver and bile duct cancer.

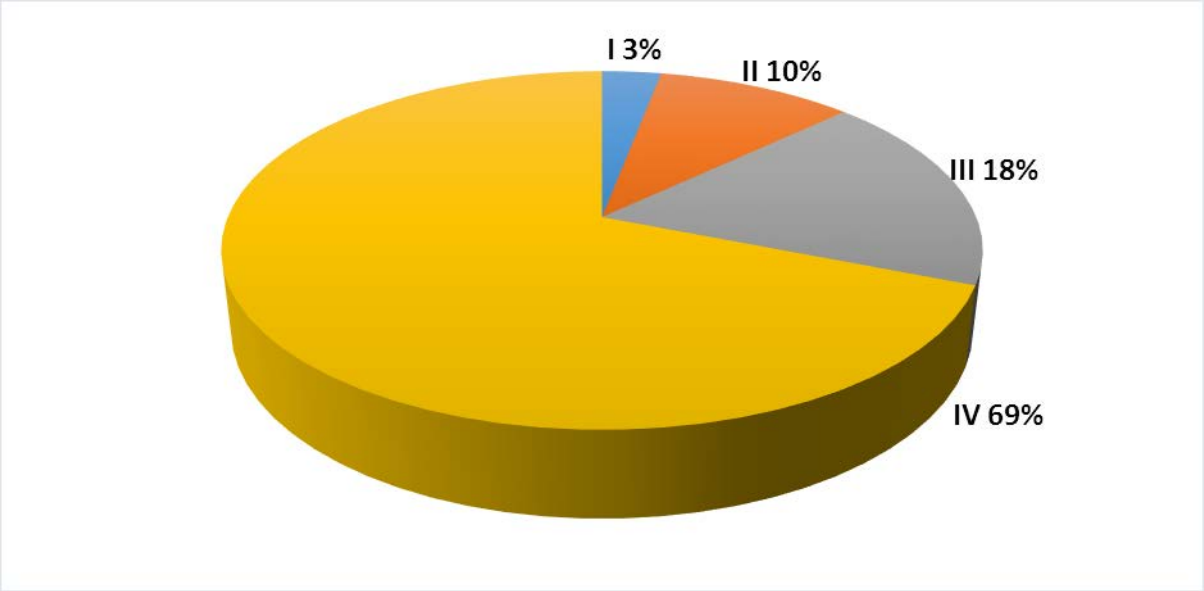
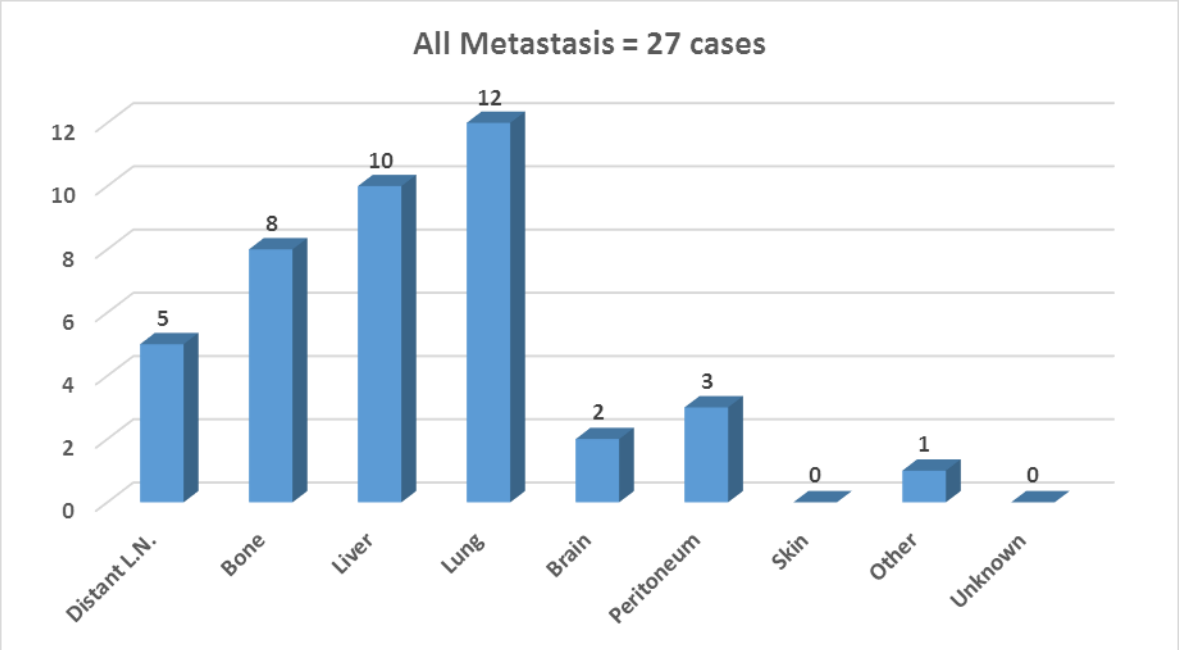


Figure 5.12 Distribution of metastasis for liver and bile duct cancer.



COLORECTAL

Table 5.9 Age and gender of Colon and Rectum cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	63.9 (12.2)
Median and range age at diagnosis	64 (29:91)
% of the patient is lower than 15 year of age at diagnosis	0.00%
Gender	
Male	217 (50.9%)
Female	209(49.1%)
Sex ratio (male: female)	1.04:1

Table 5.10 Most valid method of diagnosis for colorectal cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	217	100.0	209	100.0	426	100.0
Total	**217**	**100.0**	**209**	**100.0**	**426**	**100.0**

Figure 5.13 Age at diagnosis of Colon and Rectum cancer, 2016, by sex.

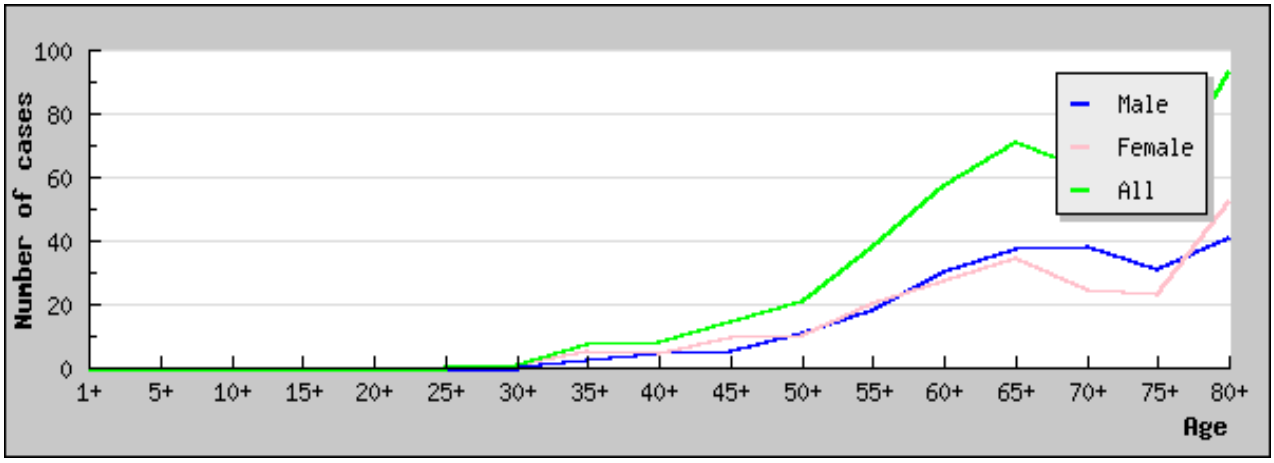


Figure 5.14 Distribution of staging for colorectal cancer

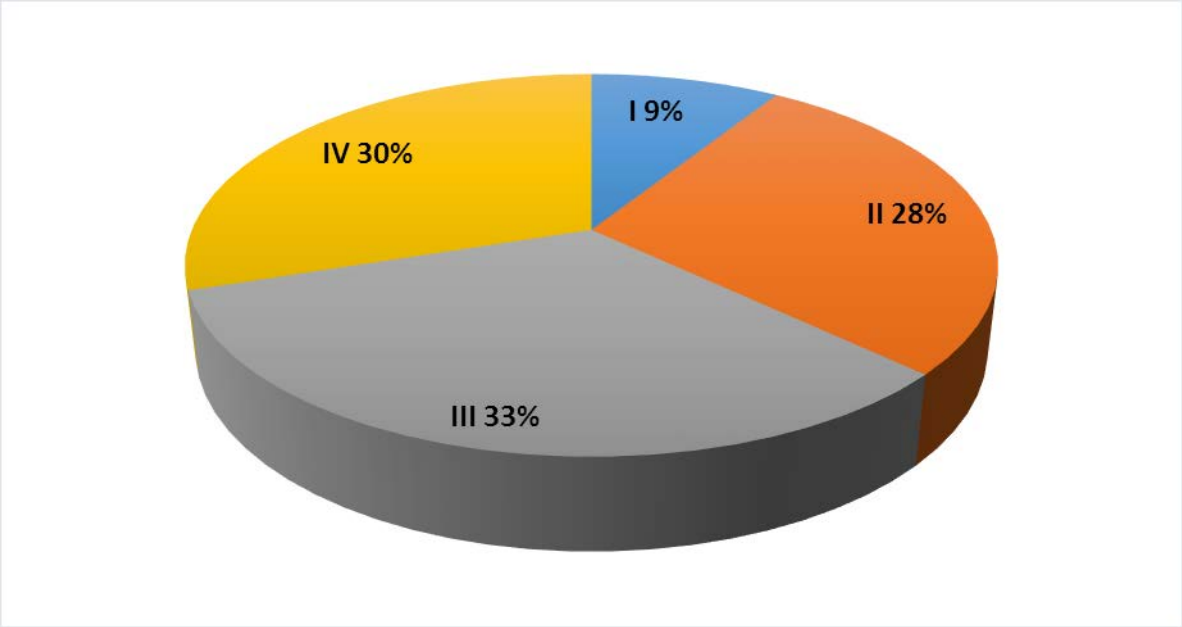
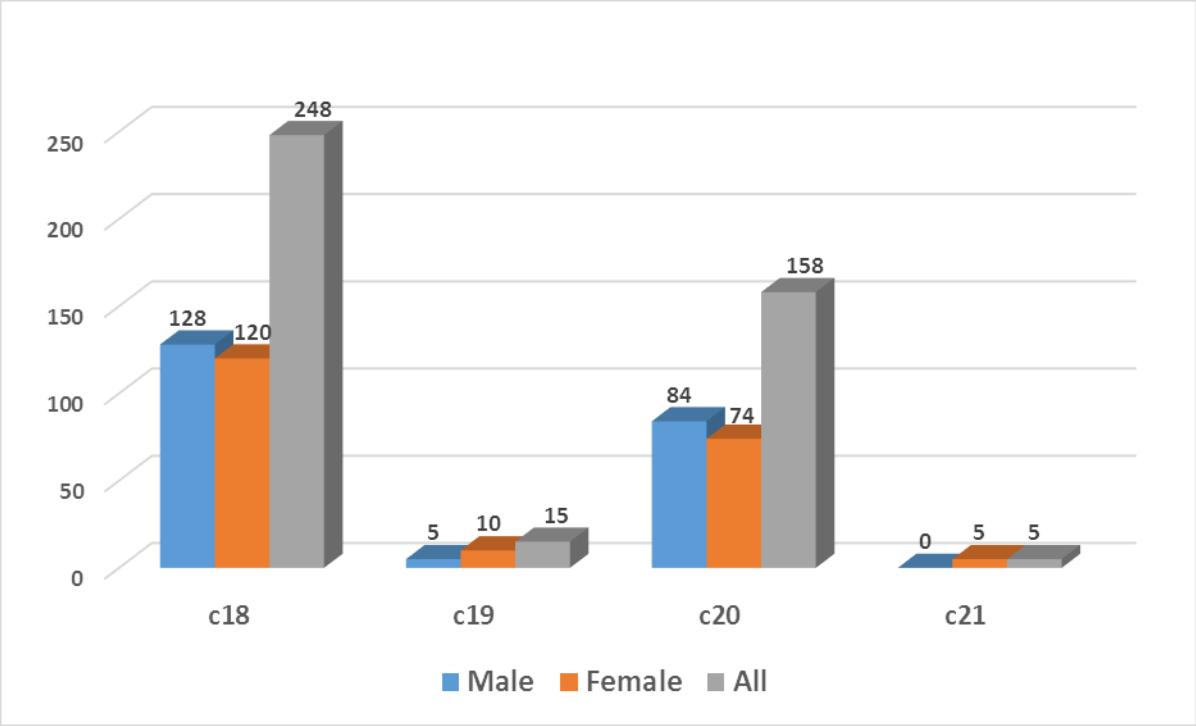


Figure 5.15 Total case by ICD-O both sex.



HEMATOPOIETIC AND RETICULOENDOTHELIAL

Table 5.11 Age and gender of leukemia cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	47.3 (26.7)
Median and range age at diagnosis	56 (0:92)
% of the patient is lower than 15 year of age at diagnosis	21.9%
Gender	
Male	94 (57.3 %)
Female	70 (42.7%)
Sex ratio (male: female)	1.34:1

Table 5.12 Most valid method of diagnosis.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	94	100.0	70	100.0	164	100.0
Total	**94**	**100.0**	**70**	**100.0**	**164**	**100.0**

Figure 5. 16 Age at diagnosis of Leukemia cancer, 2016, by sex.

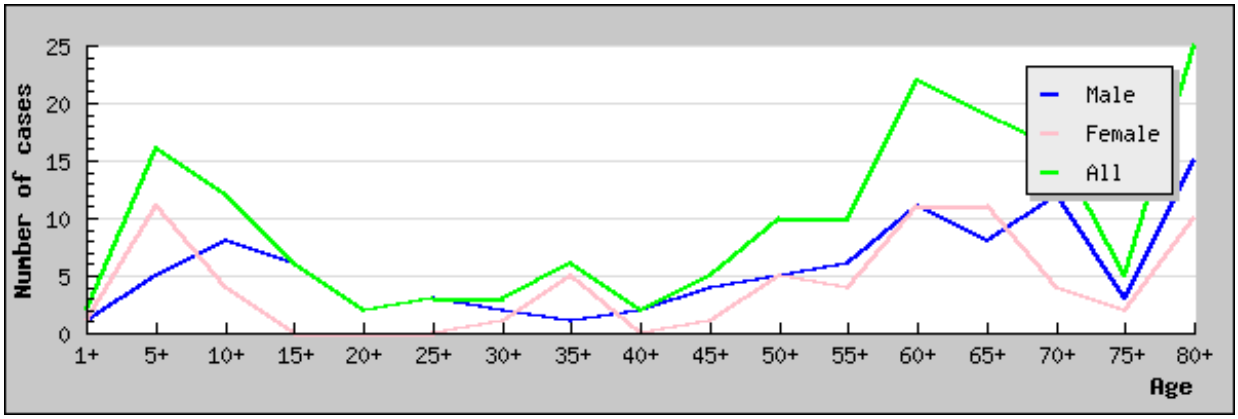
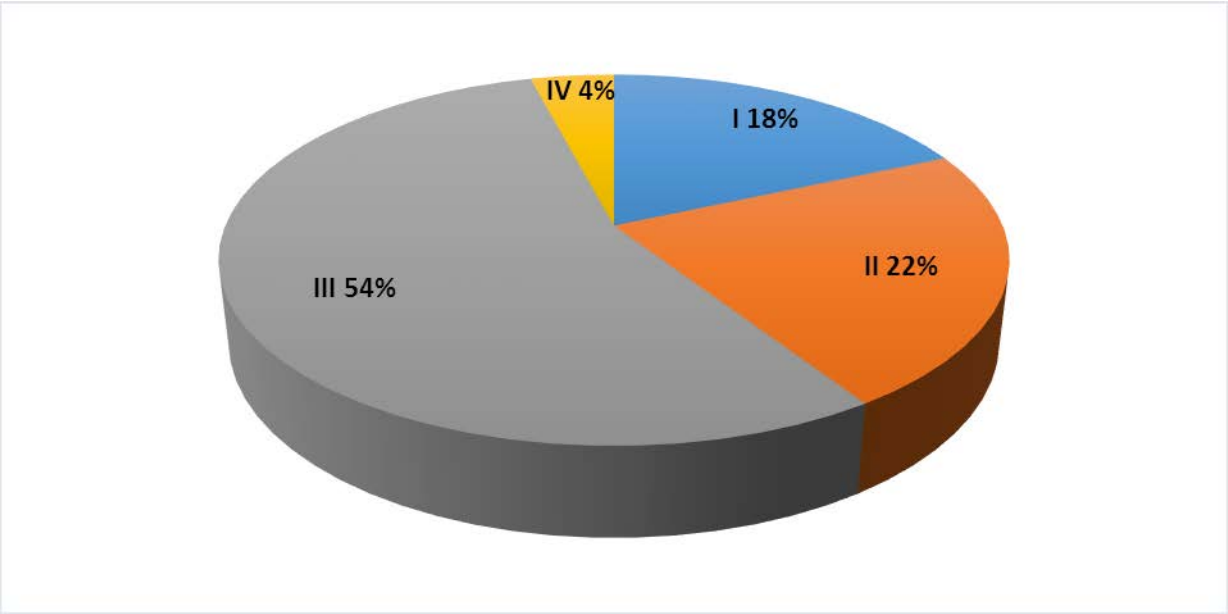


Figure 5.17 Distribution of staging for Leukemia.



CHILDHOOD CANCER

Table 5.13 Type of diagnosis for Childhood Cancer

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	6.4 (4.3)
Median and range age at diagnosis	6 (0:14)
% of the patient is lower than 15 year of age at diagnosis	100.0%
Gender	
Male	56 (51.4%)
Female	53 (48.6%)
Sex ratio (male: female)	1.06:1

Figure 5.18 Number of childhood cancer by ICCC group, age<15, both sexes

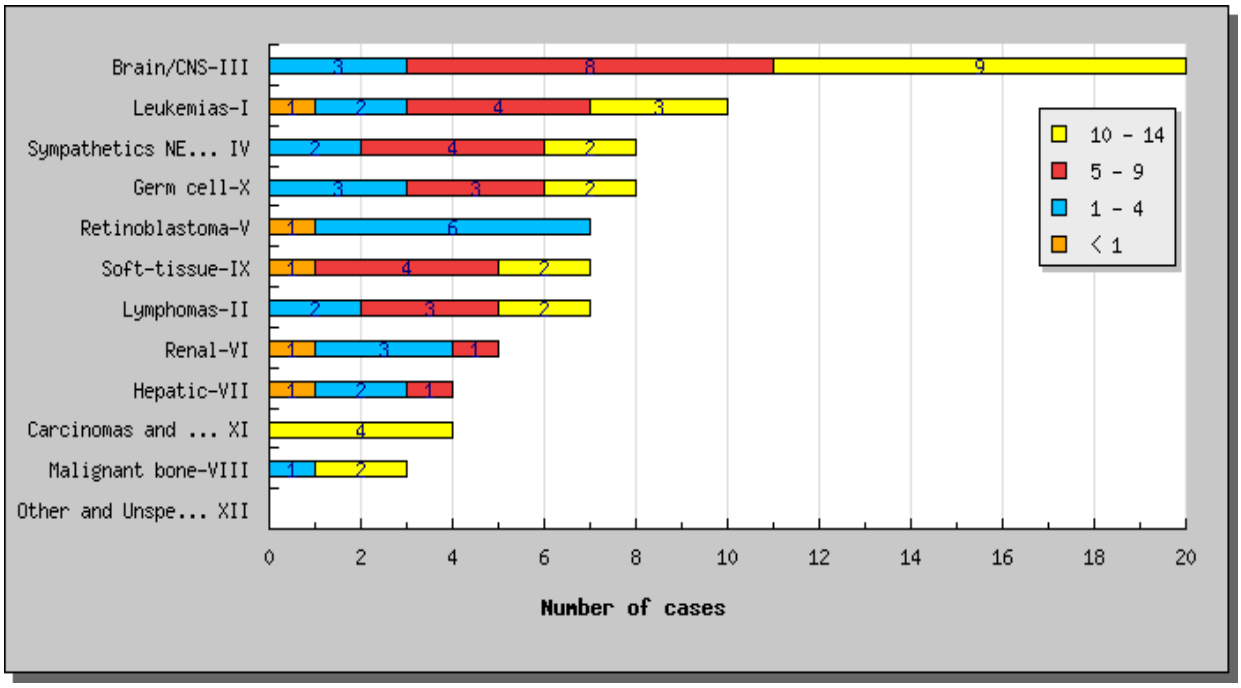
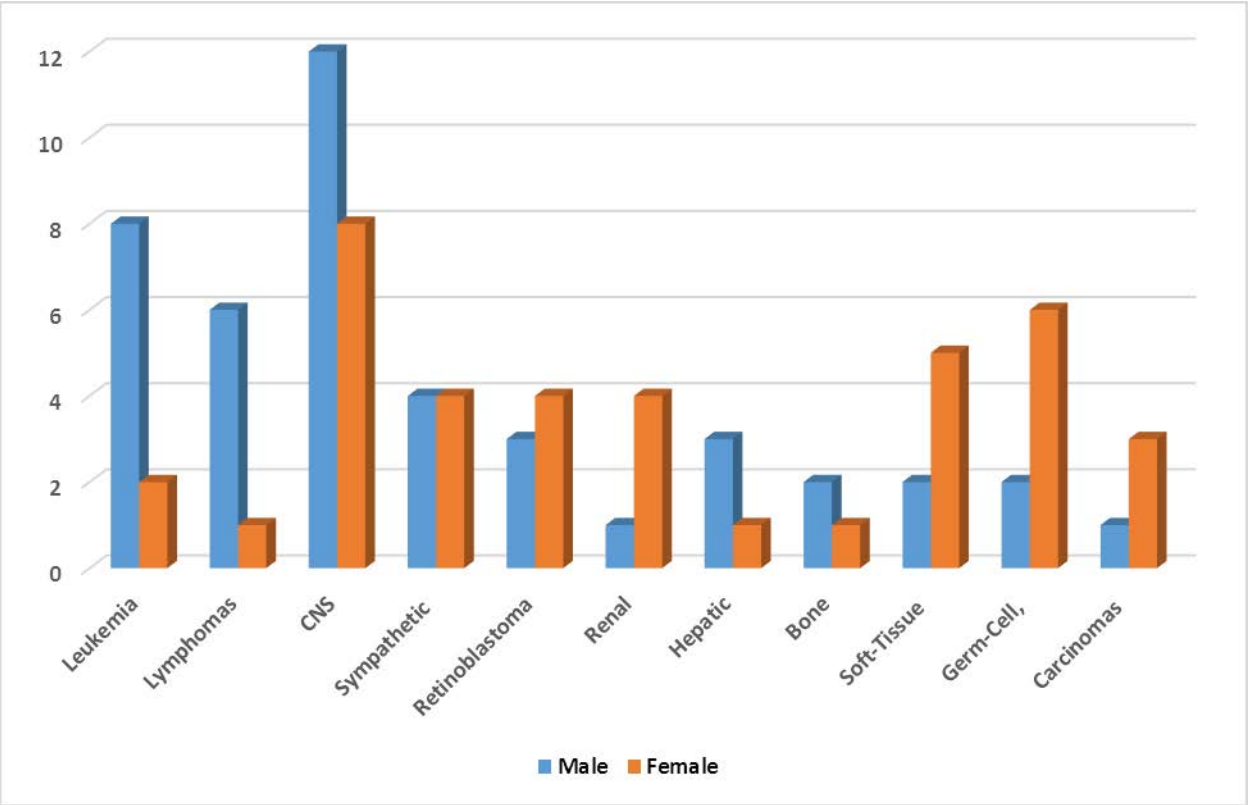


Figure 5.19 Number of Cancers in Childhood by ICCC group, age <15 both sexes

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	10	1	1	3	3	8	0	1	1	0	2	04:01	100.0
II Lymphomas and Reticuloendothelial Neoplasms	7	0	1	3	2	6	0	1	0	0	1	06:01	100.0
III CNS and Miscellaneous Intracranial and Intraspinal Neoplasms	20	0	2	6	4	12	0	1	2	5	8	1.5:1	100.0
IV Sympathetic Nervous System Tumors	8	0	1	2	1	4	0	1	2	1	4	01:01	100.0
V Retinoblastoma	7	0	3	0	0	3	1	3	0	0	4	0.8:1	100.0
VI Renal Tumors	5	0	1	0	0	1	1	2	1	0	4	0.3:1	100.0
VII Hepatic Tumors	4	0	2	1	0	3	1	0	0	0	1	03:01	100.0
VIII Malignant Bone Tumors	3	0	1	0	1	2	0	0	0	1	1	02:01	100.0
IX Soft-Tissue Sarcomas	7	0	0	0	2	2	1	0	4	0	5	0.4:1	100.0
X Germ-Cell, Trophoblastic and other Gonadal Neoplasms	8	0	1	0	1	2	0	2	3	1	6	0.3:1	100.0
XI Carcinomas and other Malignant Epithelial Neoplasms	4	0	0	0	1	1	0	0	0	3	3	0.3:1	100.0
Total	83	1	13	15	15	44	4	11	13	11	39	1.1:1	100.0

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



CHAPTER VI

Distribution by Regional of Thailand

Table 6.1 Number of cancer cases by region, 2016

Region	Freq	Percent
Northern	48	1.4
North-eastern	269	7.8
Central	1,128	32.9
Eastern	268	7.8
Western	158	4.6
Southern	170	5.0
Bangkok	1,391	40.5
Total	3,432	100.0

Figure 6.1 Distribution of region, 2016

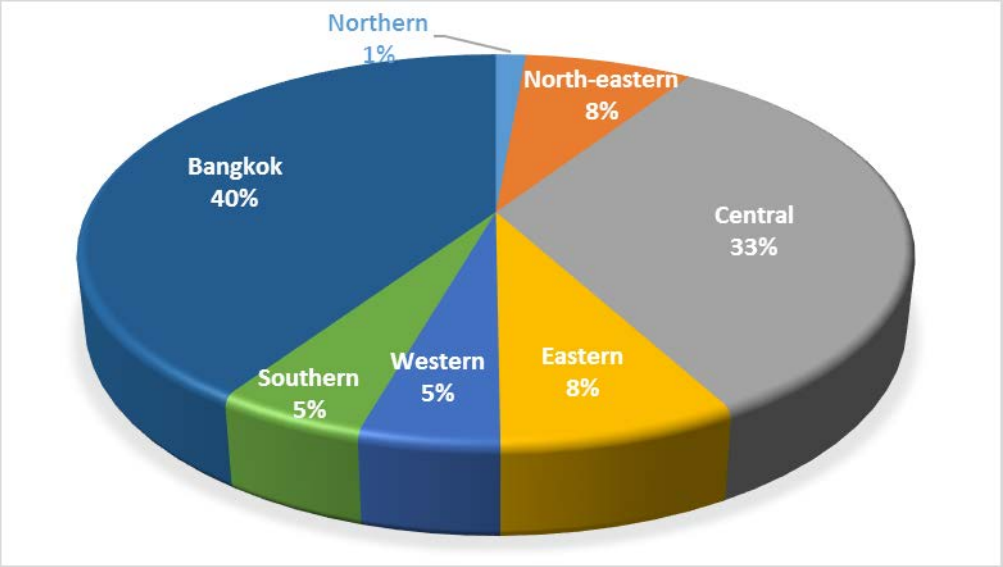


Table 6.2 Number of cancer cases by topography and region, 2016

Topography	Northern	North-eastern	Central	Eastern	Western	Southern	Bangkok	Total
C00-Lip	0	2	1	0	0	0	2	5
C01-Tongue	0	3	6	0	1	0	2	12
C02-Other part of Tongue	0	3	11	3	4	2	10	33
C03-Gum	0	0	3	0	1	0	2	6
C04-Mouth	0	0	1	1	1	0	3	6
C05-Palate	0	0	1	0	0	1	2	4
C06-Other part of mouth	1	0	2	0	0	1	3	7
C07-Paritid gland	0	0	4	0	1	0	5	10
C08-Unspecified salivary	0	0	0	1	0	0	2	3
C09-Tonsil	0	2	9	3	1	2	5	22
C10-Oropharynx	0	0	1	0	0	0	0	1
C11-Nasopharynx	2	7	27	9	6	4	13	68
C12-Pyriform sinus	0	2	4	1	0	1	3	11
C13-Hypopharynx	0	0	1	0	0	0	0	1
C14-Pharynx	0	1	0	0	0	0	0	1
C15-Esophagus	2	3	18	2	6	3	20	54
C16-Stomach	0	7	27	9	5	5	30	83
C17-Small intestine	0	3	6	0	0	2	4	15
C18-Colon	2	17	92	19	9	7	102	248
C19-Rectosigmoid	1	1	2	0	0	1	10	15
C20-Rectum	1	10	56	10	13	10	58	158
C21-Anus ,Anal canal	0	0	1	1	0	0	3	5
C22-Liver and Bile duct	3	51	77	31	13	5	95	275
C23-Gallbladder	0	2	6	1	1	0	7	17
C24-Other biliary tract	1	4	5	3	1	0	13	27
C25-Pancreas	1	3	16	5	3	5	23	56
C26-Intestinal tract	0	1	0	0	0	0	1	2
C30-Nasal cavity	0	0	4	2	2	1	7	16
C31-Accessory sinuses	0	1	6	0	0	1	2	10
C32-Larynx	0	1	12	2	2	1	5	23
C34-Lung	3	14	80	16	7	11	134	265
C37-Thymus	0	1	1	1	1	0	3	7
C38-Heart	0	1	3	4	1	1	8	18
C40-Bone of skull and face and associated joint	0	0	4	1	1	0	3	9
C41-Bone	0	1	6	2	0	2	1	12
C42-Bone marrow	4	19	56	13	6	7	59	164
C44-Skin	1	5	19	7	5	5	16	58
C47-Peripheral nerves	0	0	0	1	0	0	1	2
C48-Retroperitoneum	0	0	6	2	0	2	6	16
C49-Soft tissues	0	1	12	6	1	1	9	30
C50-Breast	6	25	177	26	15	22	232	503
C51-Vulva	0	0	4	1	0	0	0	5
C52-Vagina	0	0	1	0	0	0	1	2

Topography	Northern	North-eastern	Central	Eastern	Western	Southern	Bangkok	Total
C53-Cervix	1	5	29	15	10	3	39	102
C54-Corpus	2	7	43	4	5	6	55	122
C55-Uterus	0	0	1	1	0	1	1	4
C56-Ovary	0	1	17	2	3	3	39	65
C57-Other female genital	0	0	1	0	0	0	0	1
C60-Penis	0	0	4	0	0	0	6	10
C61-Prostate	2	4	55	13	10	3	90	177
C62-Testis	0	1	1	1	0	1	1	5
C63-Unspecified male genital organs	0	0	0	0	1	0	1	2
C64-Kidney	2	7	21	3	2	3	31	69
C65-Renal	0	1	4	1	0	1	1	8
C66-Ureter	0	2	3	0	0	0	3	8
C67-Bladder	2	6	30	8	2	6	35	89
C68-Unspecified urinary organs	0	1	0	0	0	0	0	1
C69-Eye	2	6	12	3	1	6	4	34
C71-Brain	1	10	29	8	2	7	19	76
C72-Spinal cord	0	0	2	0	0	0	0	2
C73-Thyroid	7	16	69	13	8	15	97	225
C74-Adrenal	1	2	2	2	0	1	2	10
C75-Other Endocrine	0	0	3	1	0	1	2	7
C76-Ill-defined	0	0	2	0	0	0	6	8
C77-Lymph node	0	6	29	7	6	9	50	107
C80-Unknown	0	3	3	3	1	1	4	15
Total	48	269	1,128	268	158	170	1,391	3,432

Table 6.3 Distribution of topography by Northern, 2016

Topography		Number	%
C06	Other part of mouth	1	2.1
C11	Nasopharynx	2	4.2
C15	Esophagus	2	4.2
C18	Colon	2	4.2
C19	Rectosigmoid	1	2.1
C20	Rectum	1	2.1
C22	Liver and Bile duct	3	6.3
C24	Other biliary tract	1	2.1
C25	Pancreas	1	2.1
C34	Lung	3	6.3
C42	Bone marrow	4	8.3
C50	Breast	6	12.5
C54	Corpus	2	4.2
C61	Prostate	2	4.2
C64	Kidney	2	4.2
C67	Bladder	2	4.2
C69	Eye	2	4.2
C73	Thyroid	7	14.6
	Other	4	8.3
Total		48	100.0

Figure 6.2 Distribution of topography by Northern, 2016

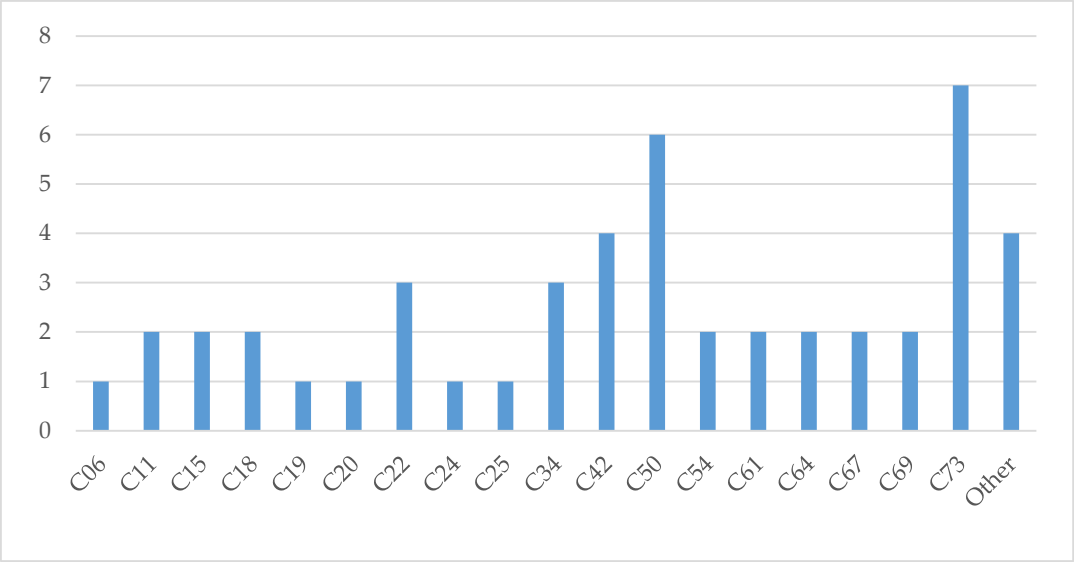


Table 6.4 Distribution of topography by North-eastern, 2016

Topography		Number	%
C11	Nasopharynx	7	2.6
C16	Stomach	7	2.6
C18	Colon	17	6.3
C20	Rectum	10	3.7
C22	Liver and Bile duct	51	19.0
C24	Other biliary tract	4	1.5
C34	Lung	14	5.2
C42	Bone marrow	19	7.1
C44	Skin	5	1.9
C50	Breast	25	9.3
C53	Cervix	5	1.9
C54	Corpus	7	2.6
C61	Prostate	4	1.5
C64	Kidney	7	2.6
C67	Bladder	6	2.2
C69	Eye	6	2.2
C71	Brain	10	3.7
C73	Thyroid	16	5.9
C77	Lymph node	6	2.2
Other		43	16.0
Total		269	100.0

Figure 6.3 Distribution of topography by North-eastern, 2016

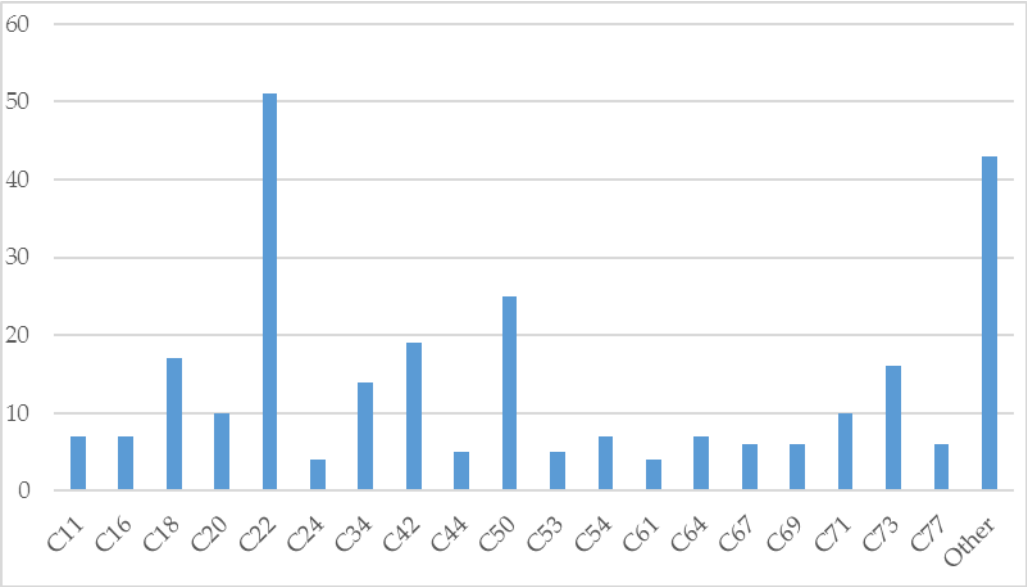


Table 6.5 Distribution of topography by Central, 2016

Topography		Number	%
C11	Nasopharynx	27	2.4
C15	Esophagus	18	1.6
C16	Stomach	27	2.4
C18	Colon	92	8.2
C20	Rectum	56	5.0
C22	Liver and Bile duct	77	6.8
C34	Lung	80	7.1
C42	Bone marrow	56	5.0
C44	Skin	19	1.7
C50	Breast	177	15.7
C53	Cervix	29	2.6
C54	Corpus	43	3.8
C61	Prostate	55	4.9
C64	Kidney	21	1.9
C67	Bladder	30	2.7
C71	Brain	29	2.6
C73	Thyroid	69	6.1
C77	Lymph node	29	2.6
Other		194	17.2
Total		1128	100.0

Figure 6.4 Distribution of topography by Central, 2016

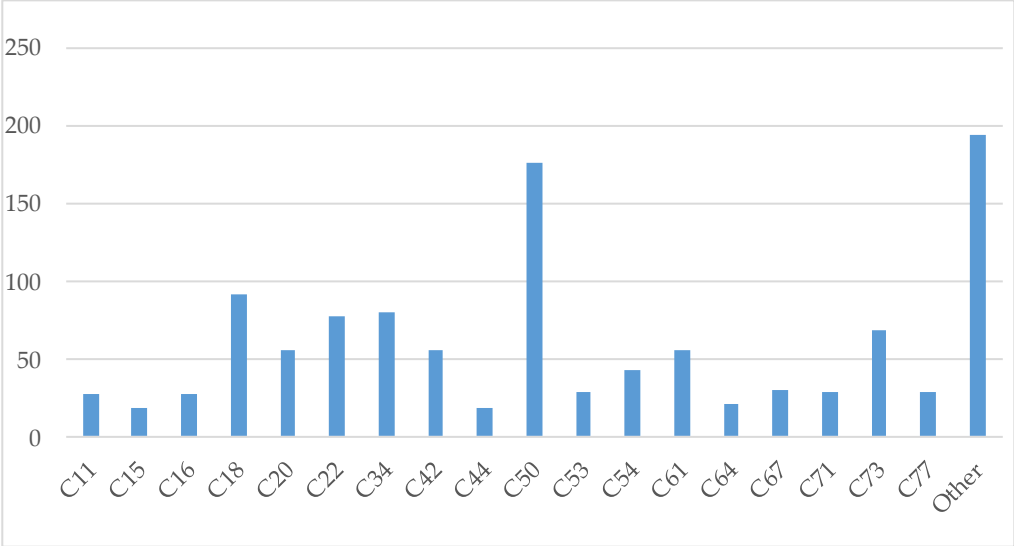


Table 6.6 Distribution of topography by Eastern, 2016

Topography		Number	%
C11	Nasopharynx	9	3.4
C16	Stomach	9	3.4
C18	Colon	19	7.1
C20	Rectum	10	3.7
C22	Liver and Bile duct	31	11.6
C25	Pancreas	5	1.9
C34	Lung	16	6.0
C38	Heart	4	1.5
C42	Bone marrow	13	4.9
C44	Skin	7	2.6
C49	Soft tissues	6	2.2
C50	Breast	26	9.7
C53	Cervix	15	5.6
C61	Prostate	13	4.9
C67	Bladder	8	3.0
C71	Brain	8	3.0
C73	Thyroid	13	4.9
C77	Lymph node	7	2.6
Other		49	18.3
Total		268	100.0

Figure 6.5 Distribution of topography by Eastern, 2016

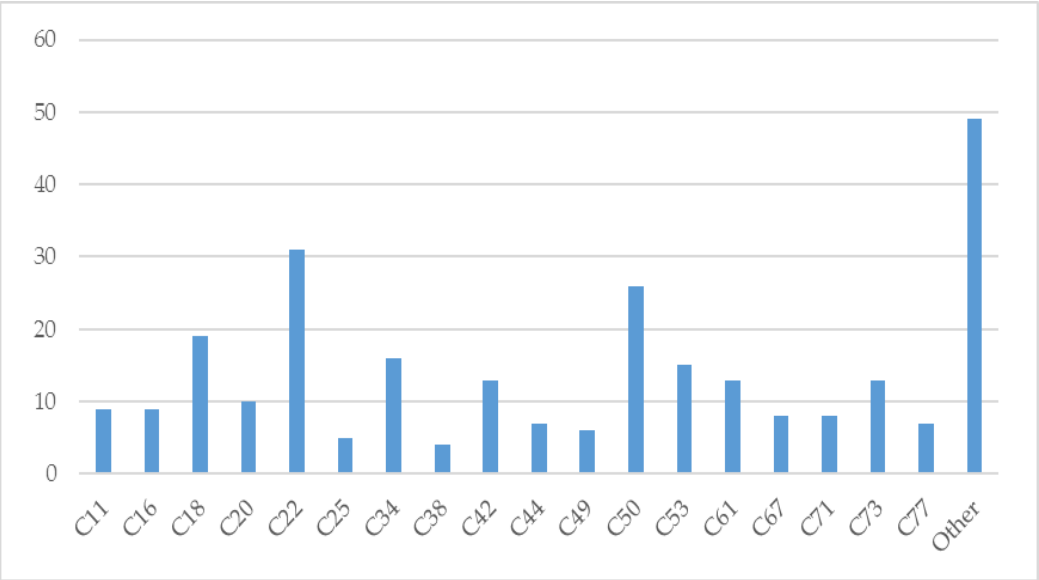


Table 6.7 Distribution of topography by Western, 2016

Topography		Number	%
C02	Other part of Tongue	4	2.5
C11	Nasopharynx	6	3.8
C15	Esophagus	6	3.8
C16	Stomach	5	3.2
C18	Colon	9	5.7
C20	Rectum	13	8.2
C22	Liver and Bile duct	13	8.2
C25	Pancreas	3	1.9
C34	Lung	7	4.4
C42	Bone marrow	6	3.8
C44	Skin	5	3.2
C50	Breast	15	9.5
C53	Cervix	10	6.3
C54	Corpus	5	3.2
C56	Ovary	3	1.9
C61	Prostate	10	6.3
C73	Thyroid	8	5.1
C77	Lymph node	6	3.8
Other		24	15.2
Total		158	100.0

Figure 6.6 Distribution of topography by Western, 2016

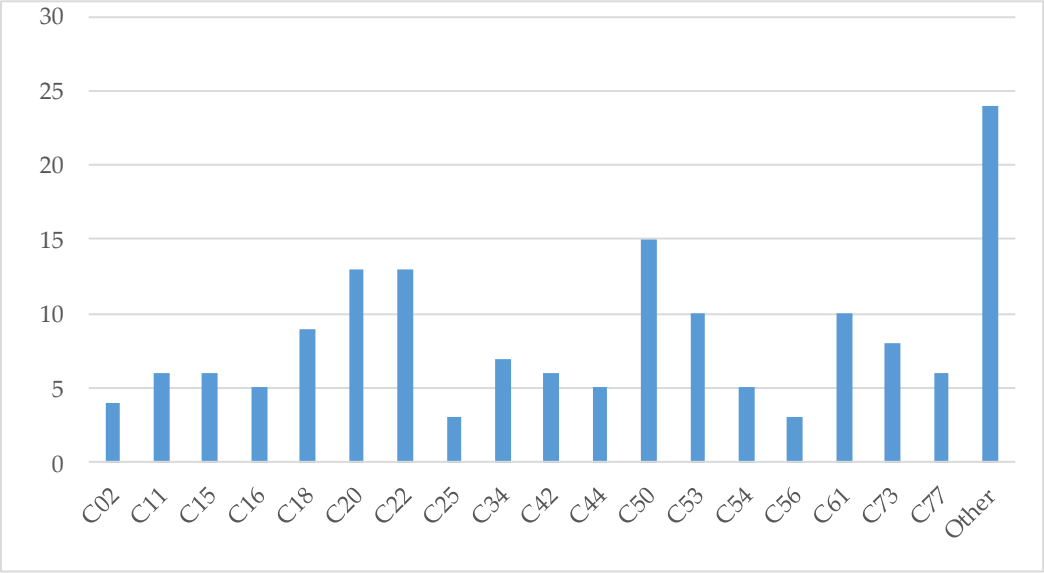


Table 6.8 Distribution of topography by Southern, 2016

Topography		Number	%
C11	Nasopharynx	4	2.4
C15	Esophagus	3	1.8
C16	Stomach	5	2.9
C18	Colon	7	4.1
C20	Rectum	10	5.9
C22	Liver and Bile duct	5	2.9
C25	Pancreas	5	2.9
C34	Lung	11	6.5
C42	Bone marrow	7	4.1
C44	Skin	5	2.9
C50	Breast	22	12.9
C53	Cervix	3	1.8
C54	Corpus	6	3.5
C67	Bladder	6	3.5
C69	Eye	6	3.5
C71	Brain	7	4.1
C73	Thyroid	15	8.8
C77	Lymph node	9	5.3
Other		34	20.0
Total		170	100.0

Figure 6.7 Distribution of topography by Southern, 2016

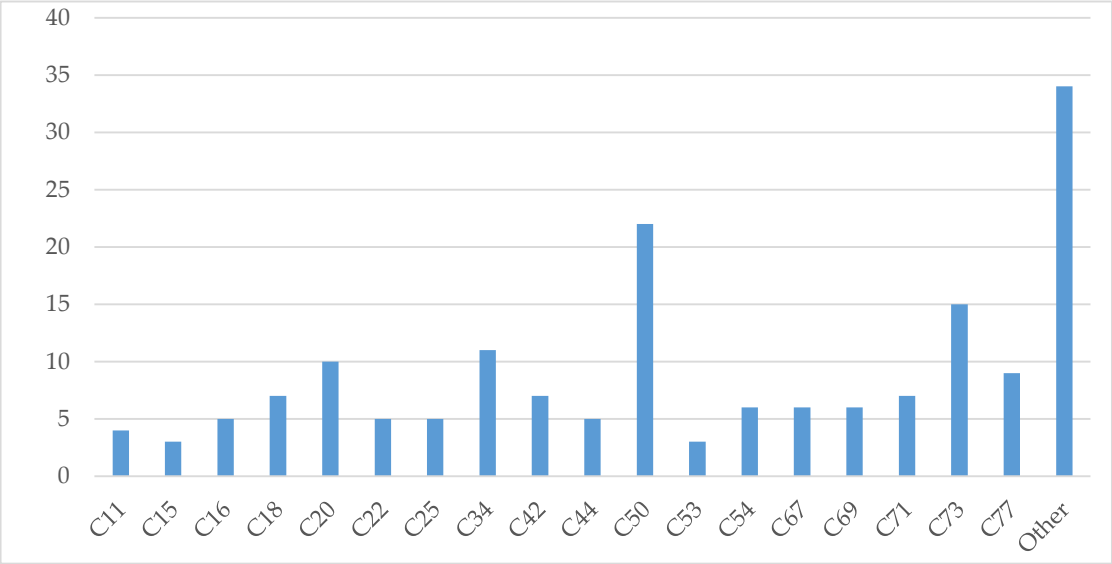


Table 6.9 Distribution of topography by Bangkok, 2016

Topography		Number	%
C15	Esophagus	20	1.4
C16	Stomach	30	2.2
C18	Colon	102	7.3
C20	Rectum	58	4.2
C22	Liver and Bile duct	95	6.8
C25	Pancreas	23	1.7
C34	Lung	134	9.6
C42	Bone marrow	59	4.2
C50	Breast	232	16.7
C53	Cervix	39	2.8
C54	Corpus	55	4.0
C56	Ovary	39	2.8
C61	Prostate	90	6.5
C64	Kidney	31	2.2
C67	Bladder	35	2.5
C71	Brain	19	1.4
C73	Thyroid	97	7.0
C77	Lymph node	50	3.6
Other		183	13.1
Total		1391	100.0

Figure 6.8 Distribution of topography by Bangkok, 2016

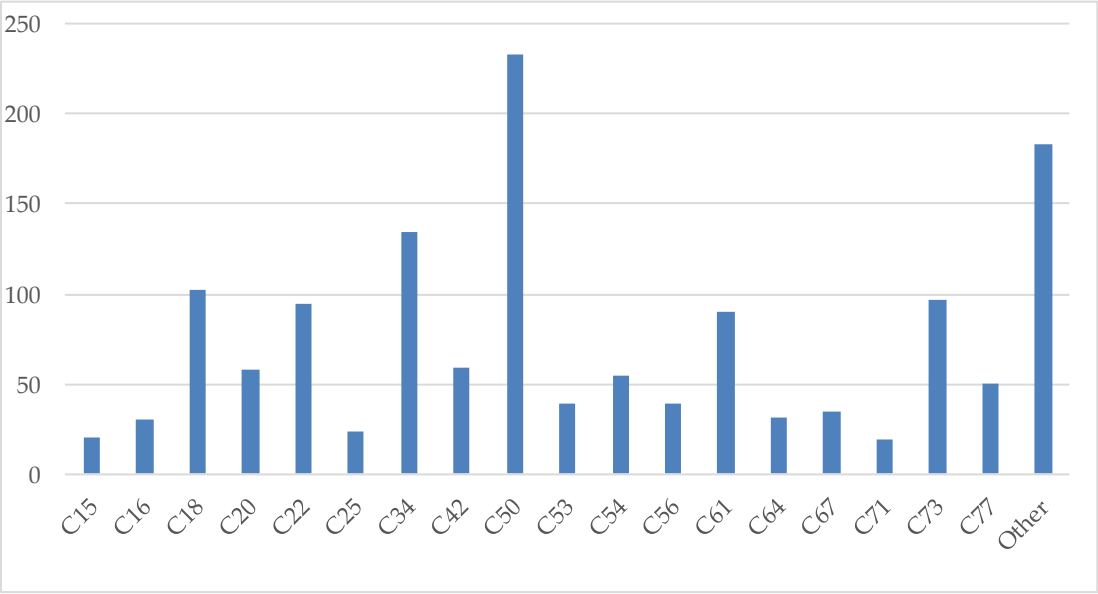


Figure 6.9 Distribution of staging for breast cancer by region, 2016

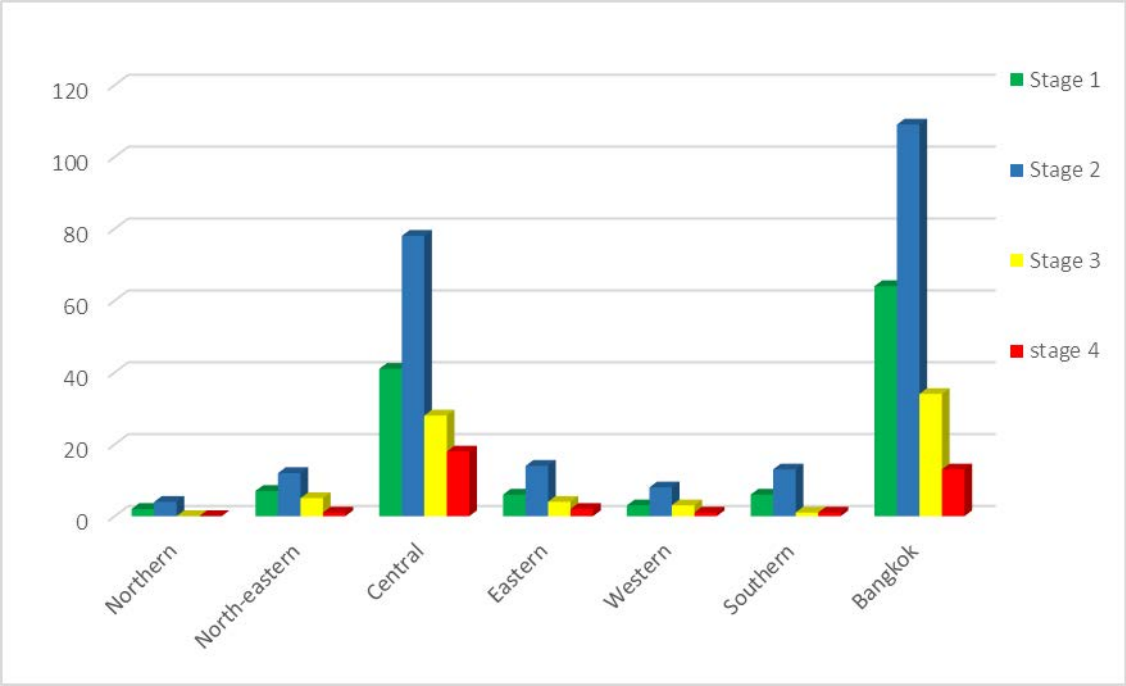


Figure 6.10 Distribution of staging for lung cancer by region, 2016

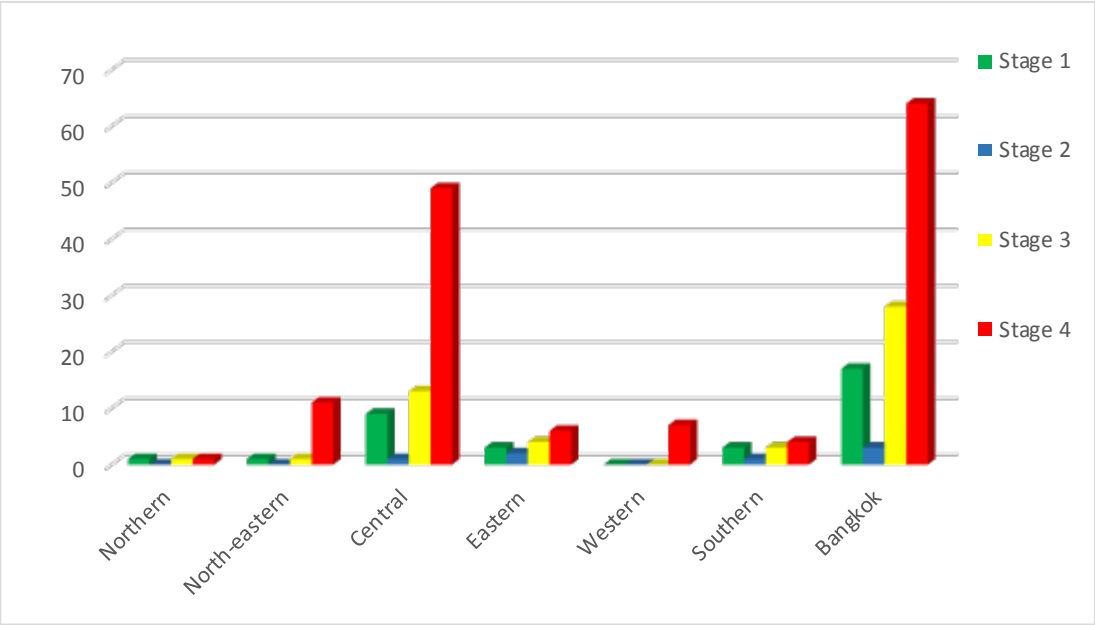


Figure 6.11 Distribution of staging for colon cancer by region, 2016

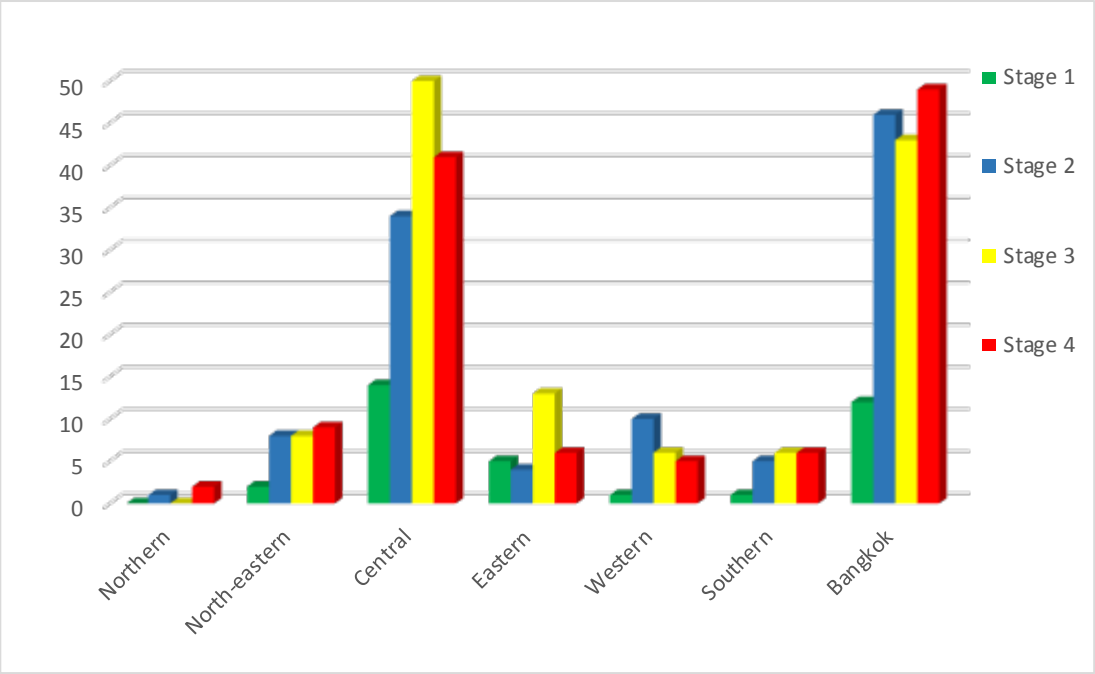


Figure 6.12 Distribution of staging for cervix cancer by region, 2016

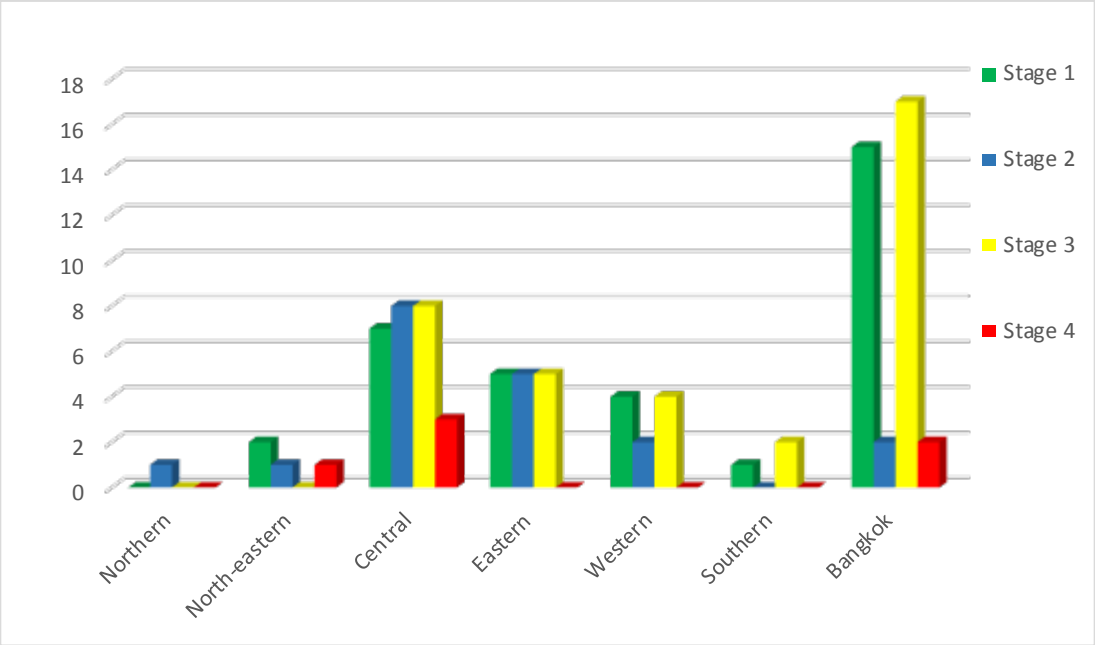
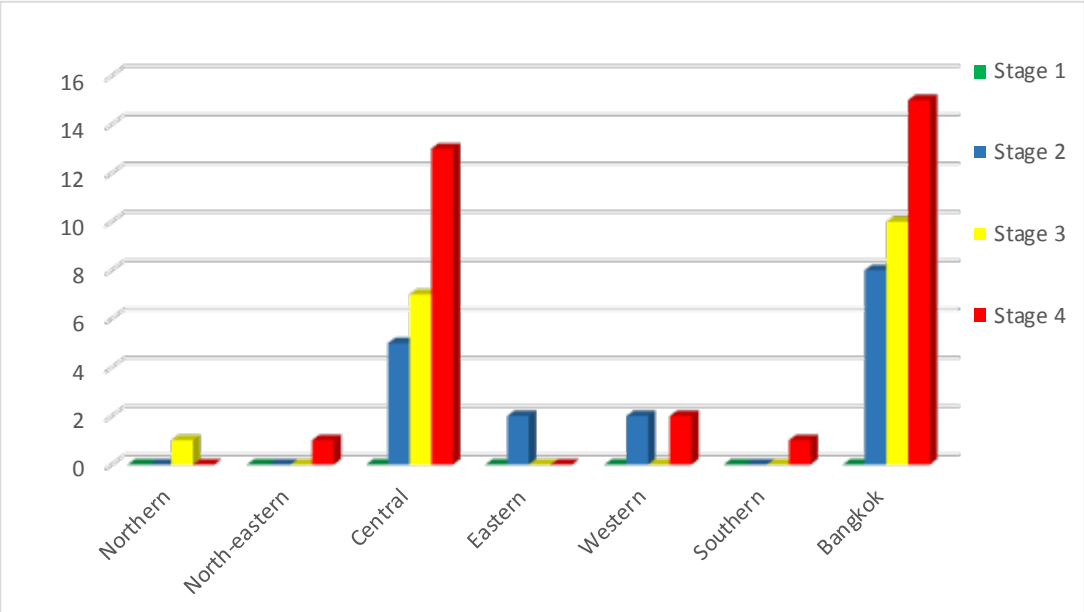


Figure 6.13 Distribution of staging for prostate cancer by region, 2016



CHAPTER VII

Kaplan-Meier Survival Curve and the Log rank test

Cervical cancer

Lung cancer

Colorectal cancer

Liver and bile duct cancer

Childhood cancer

7.1 Cervical cancer

Clinical characteristics of 1,937 women diagnosed with cervical cancer between October 2004 and January 2014, follow up till May 2017

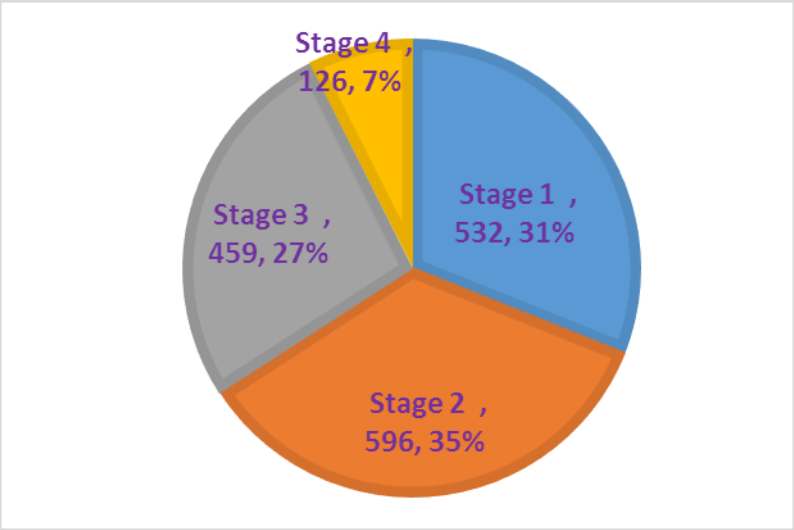


Figure 7.1.1 Figo stage (n=1713)

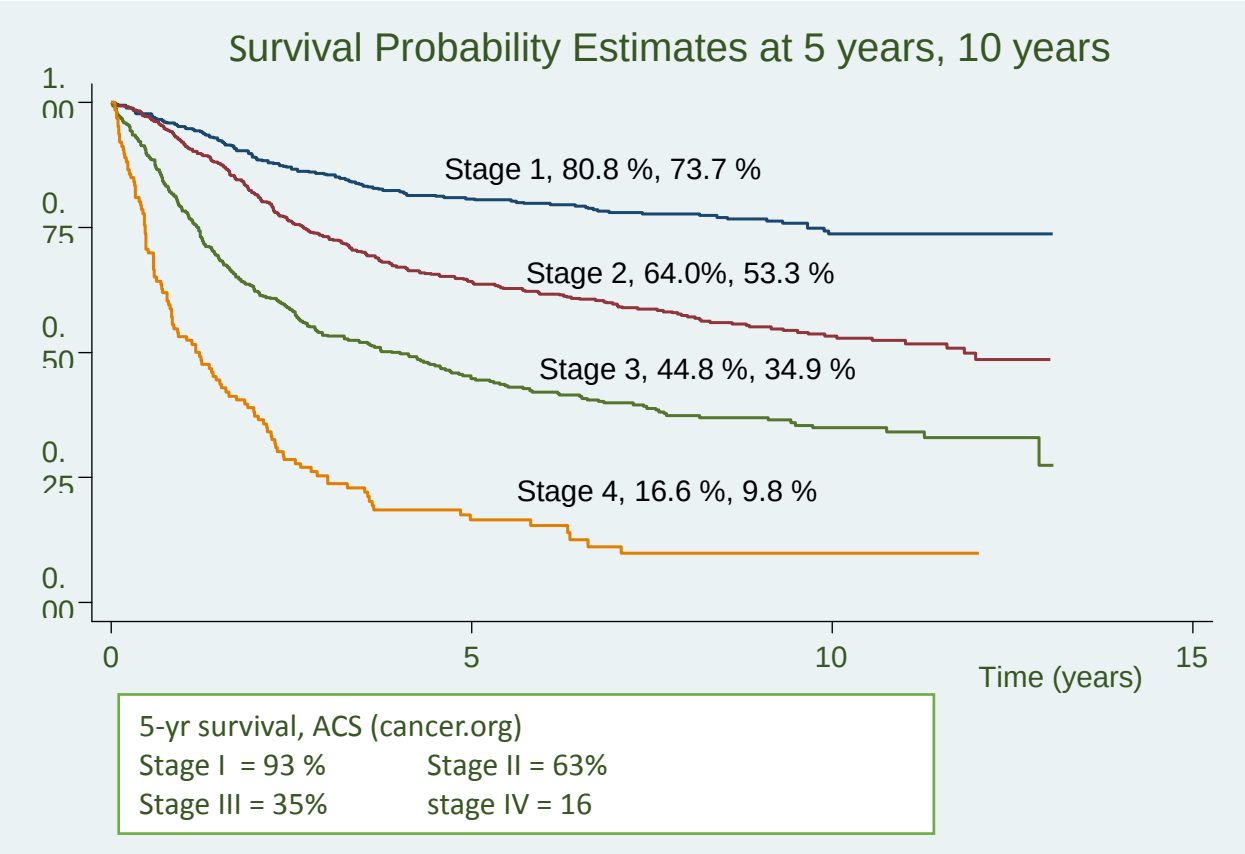


Figure 7.1.2 Overall Survival Probability by Stage

7.2 Liver and bile duct cancer

Clinical characteristics of 2,578 patient diagnosed with liver and bile duct cancer between 2007 and 2016

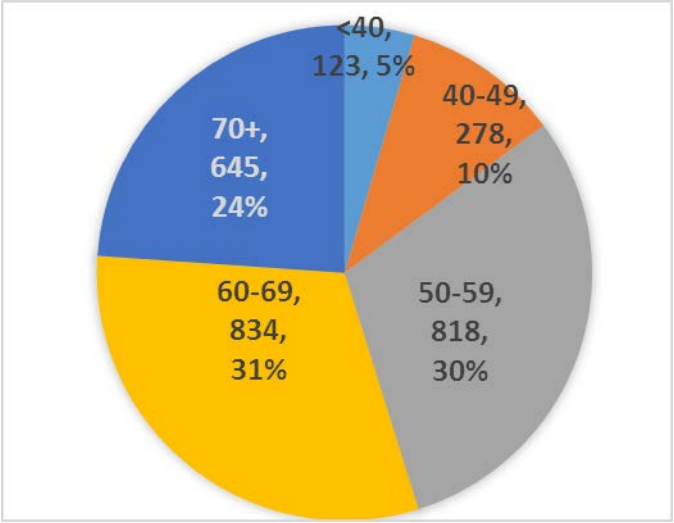


Figure 7.2.1 age at first diagnosis (n=2,578)

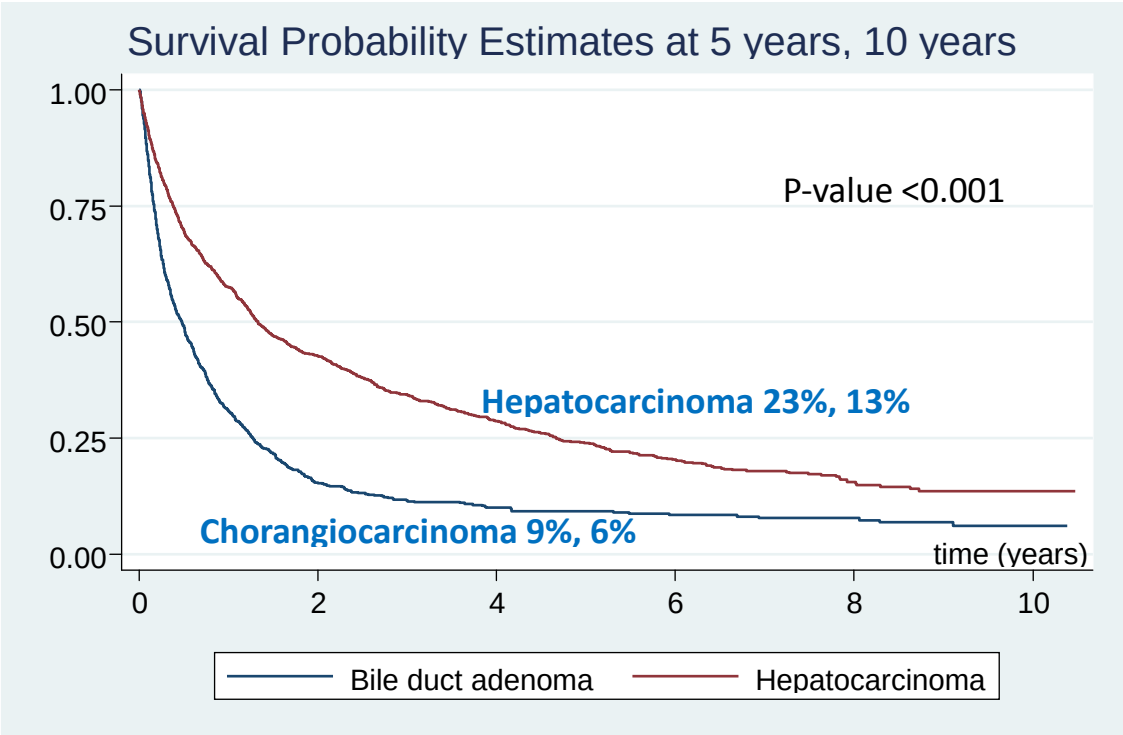


Figure 7.2.2 Overall Survival Probability

7.3 Colorectal cancer

Clinical characteristics of 3,741 patient diagnosed with colorectal cancer between 2007 and 2016

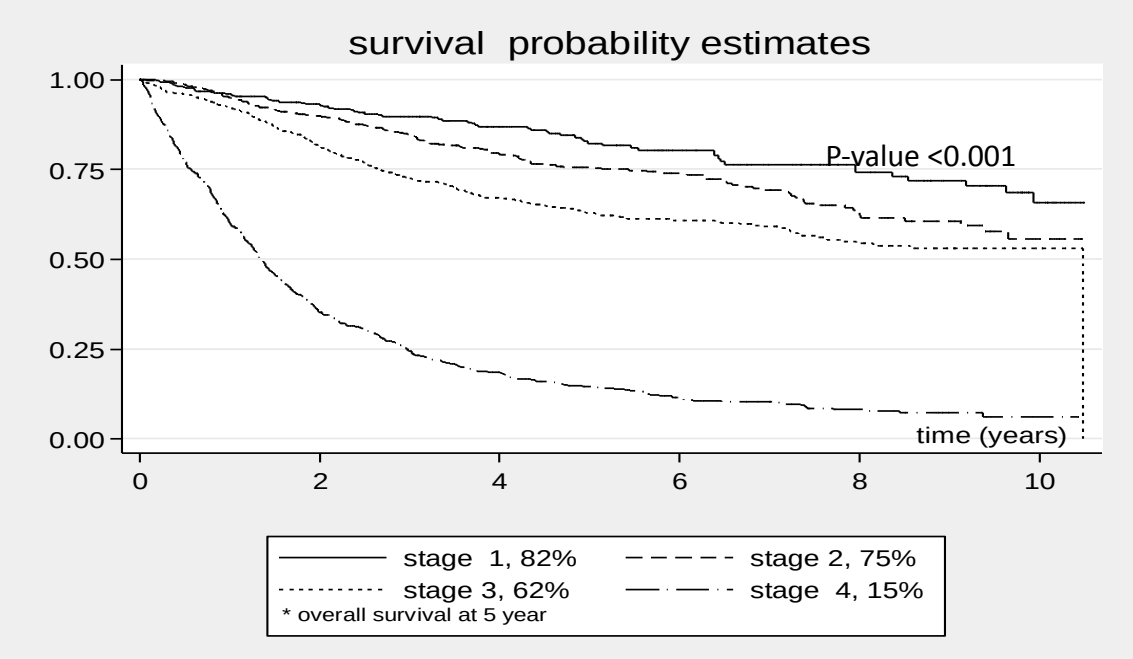


Figure 7.3.1 Overall Survival Probability by Stage

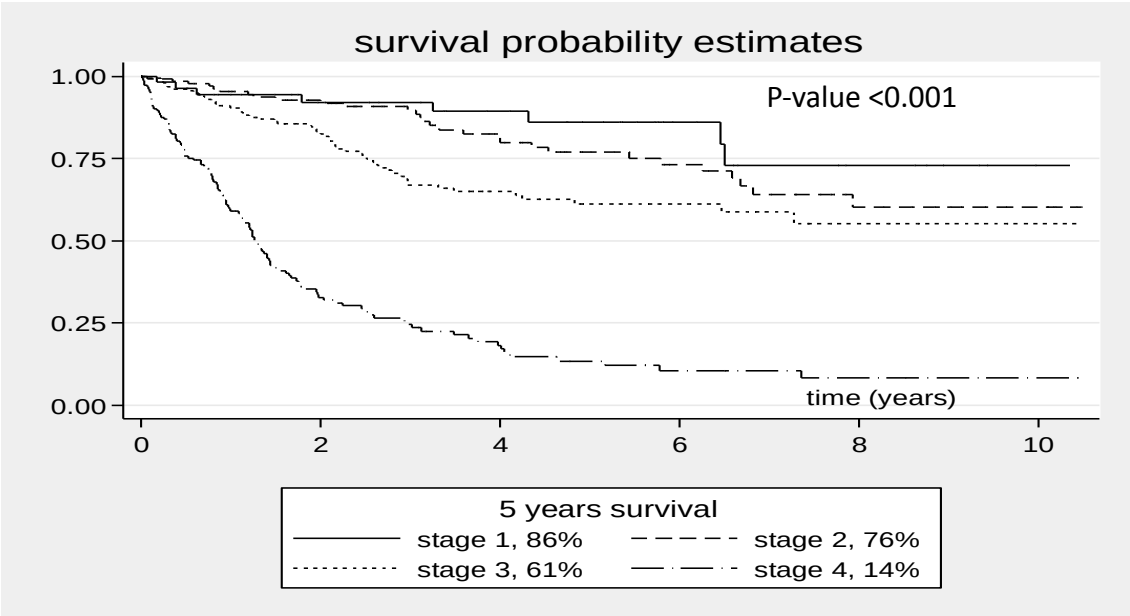


Figure 7.3.2 Overall Survival Probability at right colon

(Cecum, Ascending, Heppatic flexure,Transverse)

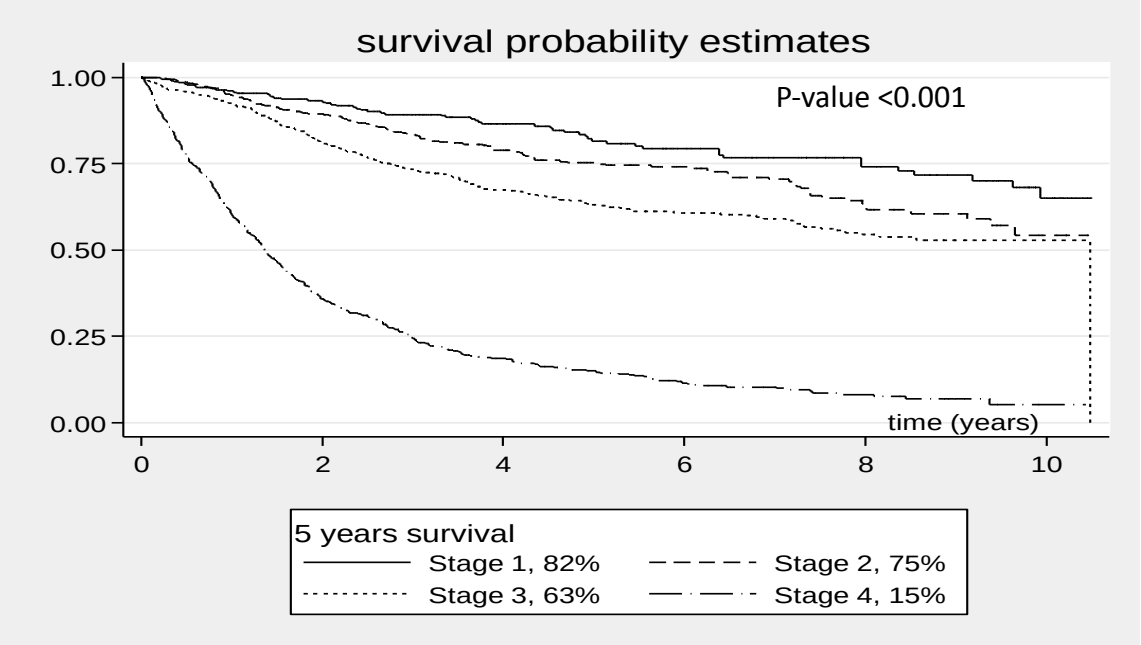


Figure 7.3.3 Overall Survival Probability at right colon

(Rectum, Rectosigmoid, Descending colon, Sigmoid colon)

7.4 Lung cancer

Clinical characteristics of 1,739 patient diagnosed with Lung cancer between 2012 and 2016

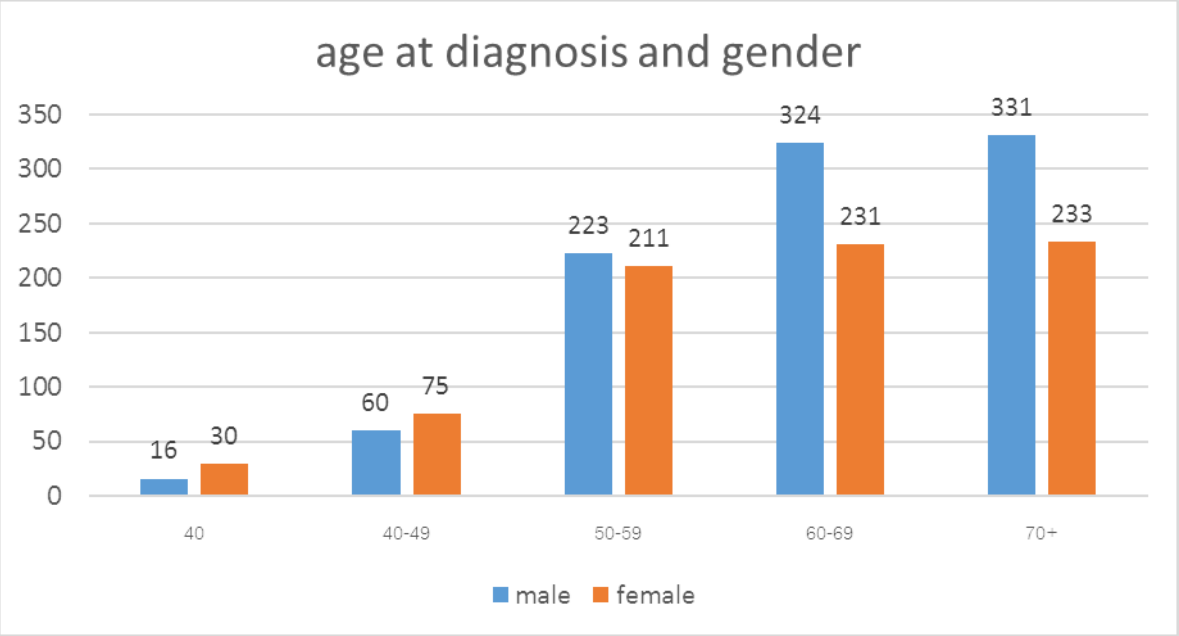


Figure 7.4.1 age at diagnosis and gender

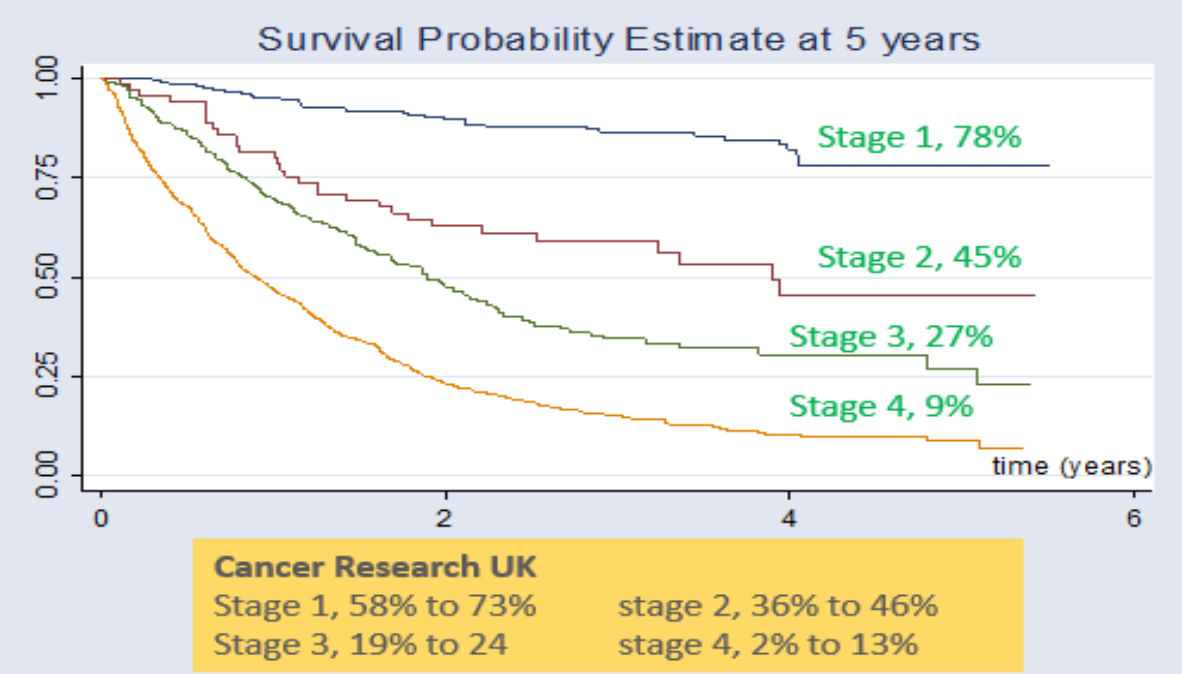


Figure 7.4.2 Overall Survival Probability for lung cancer by staging

7.5 Childhood Cancer

Clinical characteristics of 945 childhood cancer diagnosed between 2007 and 2016

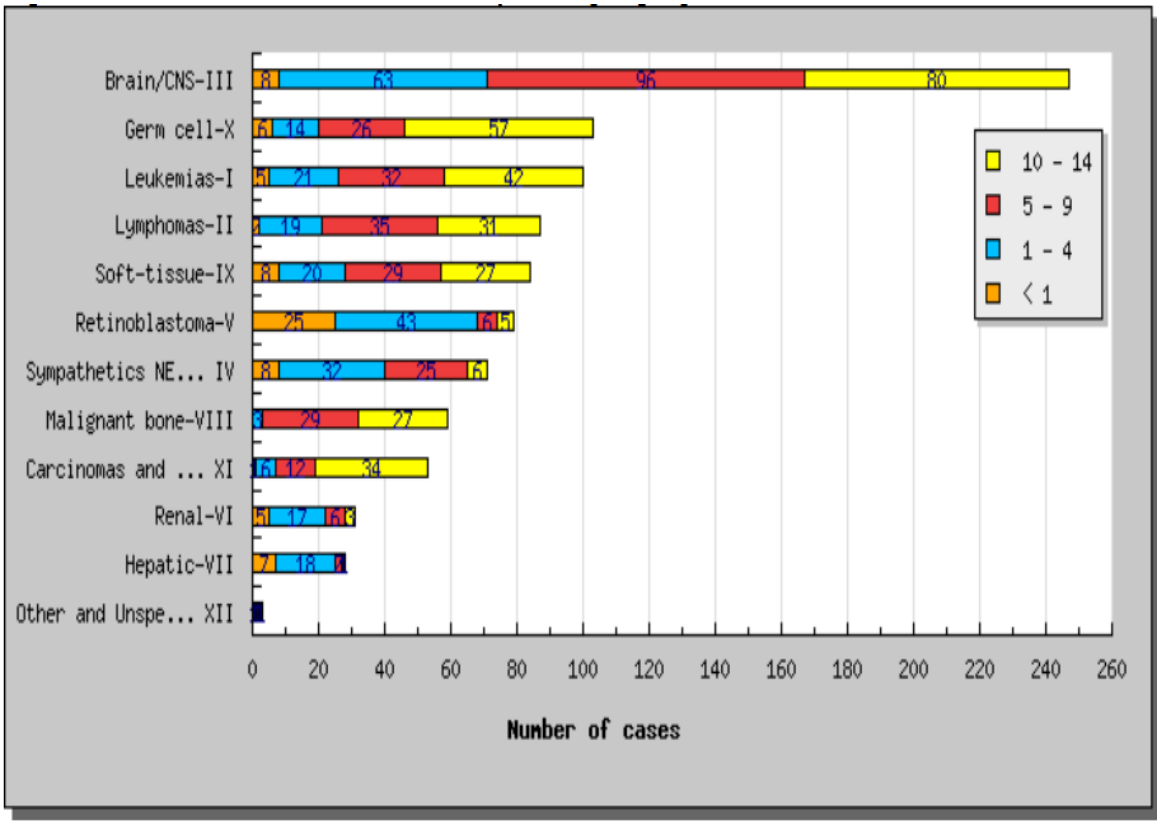
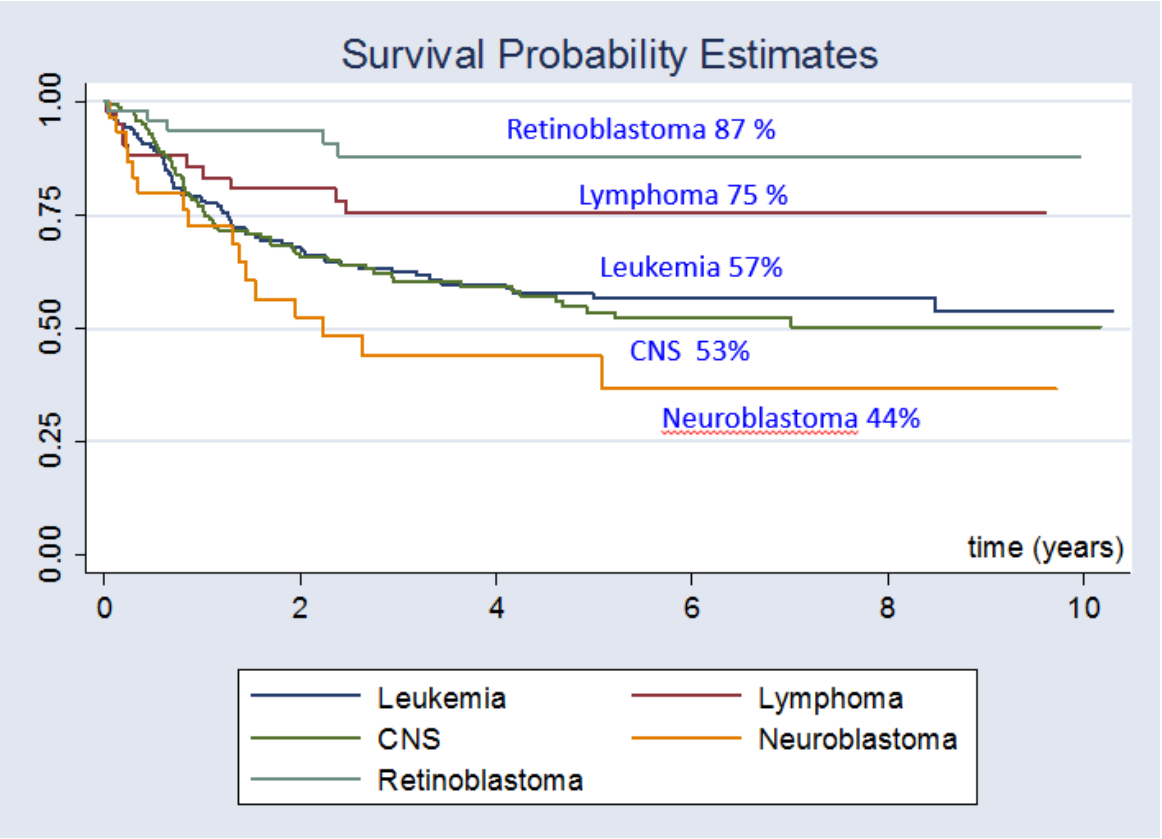


Figure 7.5.1 Age at first diagnosis by ICCC



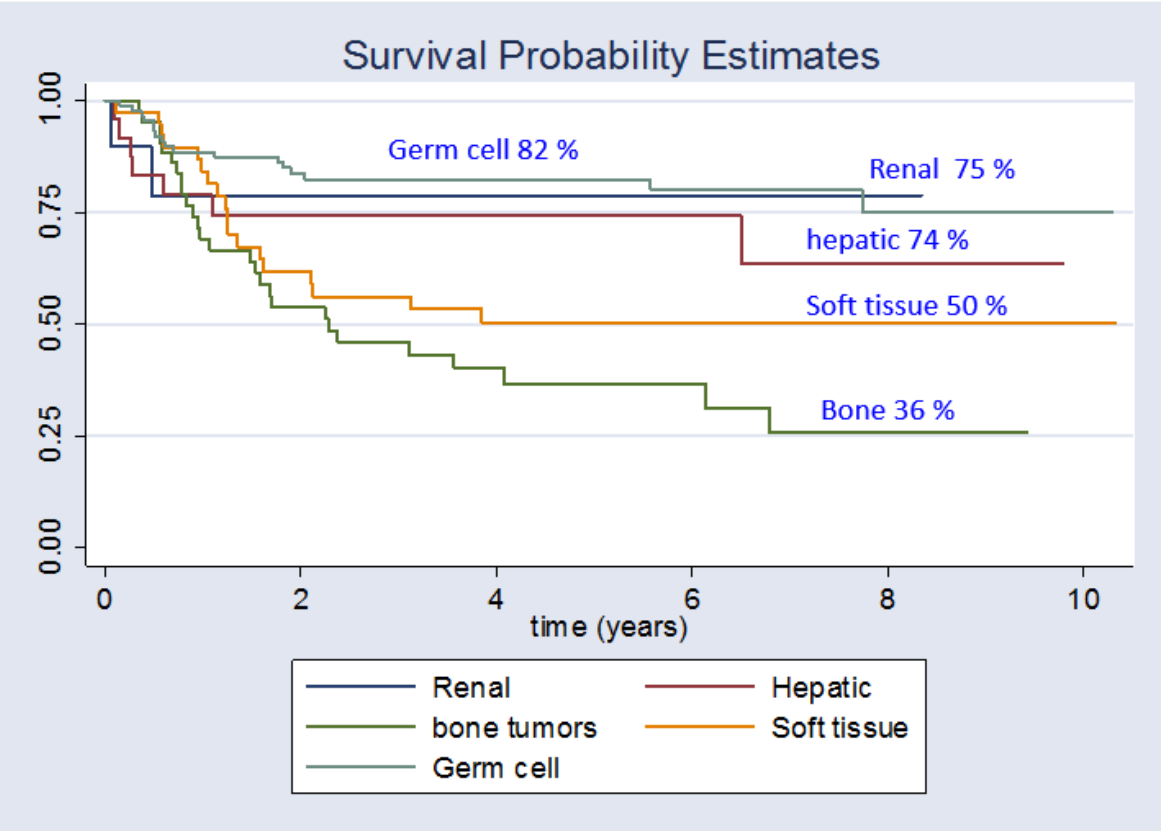


Figure 7.5.1-2 Overall survival at 5 years by ICCC

Title **Ramathibodi Cancer Report 2016**

Editorial Board **Asst.Prof.Somjai Dangprasert**

Chairman

Prof.Sarikapan Wilailak

Chairman of Cancer Registry Committee

Nintita Sripaiboonkij Thokanit, Dr.PH

Cancer Registry Committee

All Right reserved **Ramathibodi Cancer Registry: A subsidiary of Ramathibodi Comprehensive Cancer Center, Ramathibodi Hospital**

270 Rama VI Road, Ratchatewi, Bangkok, Thailand 10400

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

Published **2016**

Edition **1st edition**

Physical **85 Pages**

ISBN 978-616-443-030-3

Published by Ramathibodi Cancer Registry:
A subsidiary of Ramathibodi Comprehensive Cancer Center
Faculty of Medicine, Ramathibodi Hospital, Mahidol University
Tel : 0-2201-2682, 0-2201-0049 Fax : 0-2201-2682
http://med.mahidol.ac.th/cancer_center