



CANCER REPORT

TREND
INCIDENCE
SURVIVAL

HOSPITAL-BASED
CANCER REGISTRY

Ramathibodi Comprehensive Cancer Center

Faculty of Medicine Ramathibodi Hospital
Mahidol University, Bangkok Thailand
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RAMATHIBODI CANCER REPORT

2021

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

Faculty of Medicine, Ramathibodi Hospital

Mahidol University

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INTRODUCTION

Ramathibodi Cancer Registry 2021 is the result of the fruitful collaboration between units and departments of the Faculty of Medicine, Ramathibodi Hospital, Mahidol University.

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

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

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



Associate Professor Surasak Leelaudomlipi

Director of Ramathibodi Hospital

Faculty of medicine, Ramathibodi Hospital

Mahidol University

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

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

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



Professor Sarikapan Wilailak

Chairman, Cancer Registry Committee
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Ramathibodi Hospital Cancer Registry Committee, 2021

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CHAPTER I

REGISTRY PROCEDURE AND STATISTICAL METHODS

1.1 Purpose of the registry

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

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

1.2 Data collection

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

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

Exclusion criteria

1. Pre-malignant

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

Reported cases contain the following data:

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

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

1.3 Statistical Methods

Morphologically verified cases (%MV):

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

Childhood cancer:

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

CHAPTER II

OVERALL CANCERS

Table 2.1 Number of patients.

Type of patients	Male (Number, %)	Female (Number, %)	Total (Number, %)
One primary tumor	1,811 (99.8%)	2,382 (99.5%)	4,193 (99.7%)
Two primary tumor	3 (0.2%)	11 (0.5%)	14 (0.3%)
Total	1,814	2,393	4,207

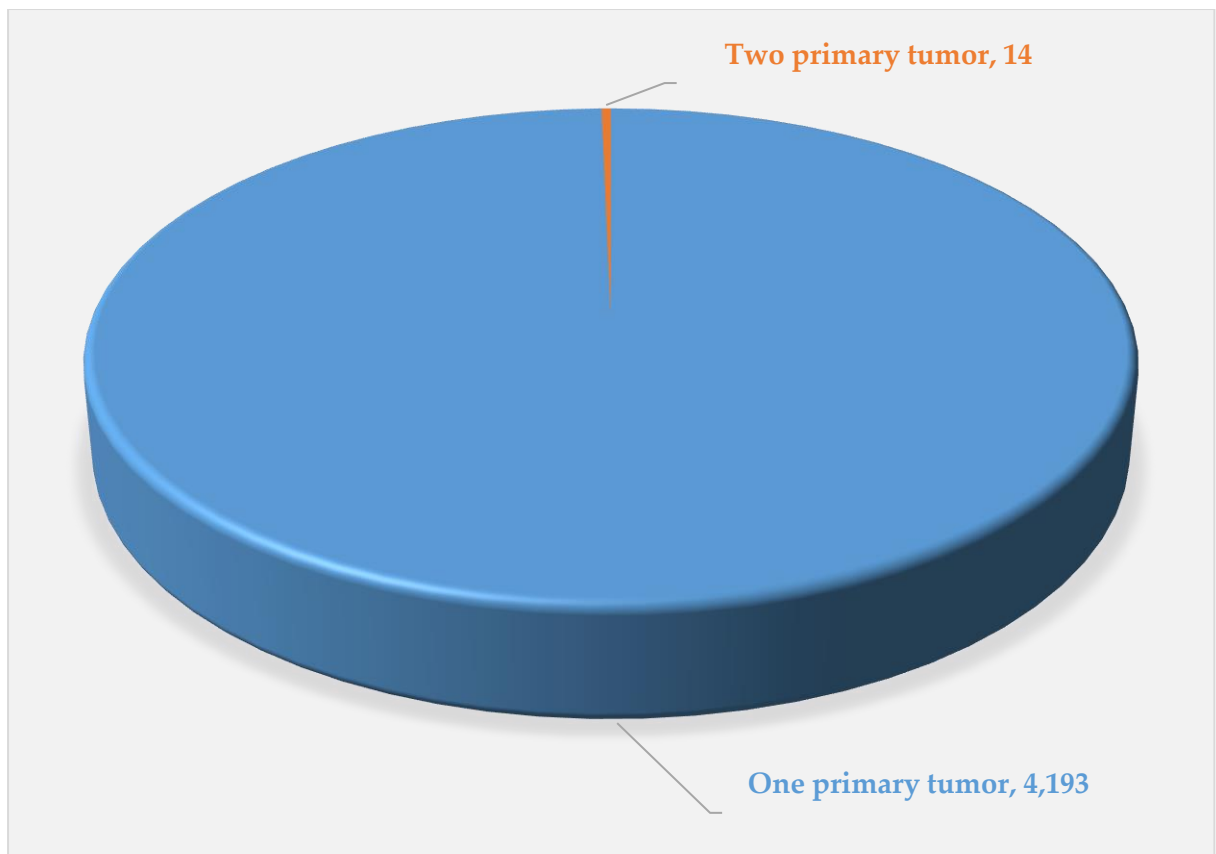


Figure 2.1 Number of patients.

Table 2.2 Most valid method of diagnosis.

Basis of diagnosis	Number	%
Clinical investigation/imaging	113	2.7
Histology or metastasis	2	0.1
Histology of primary	4,092	97.3
Total	4,207	100.0

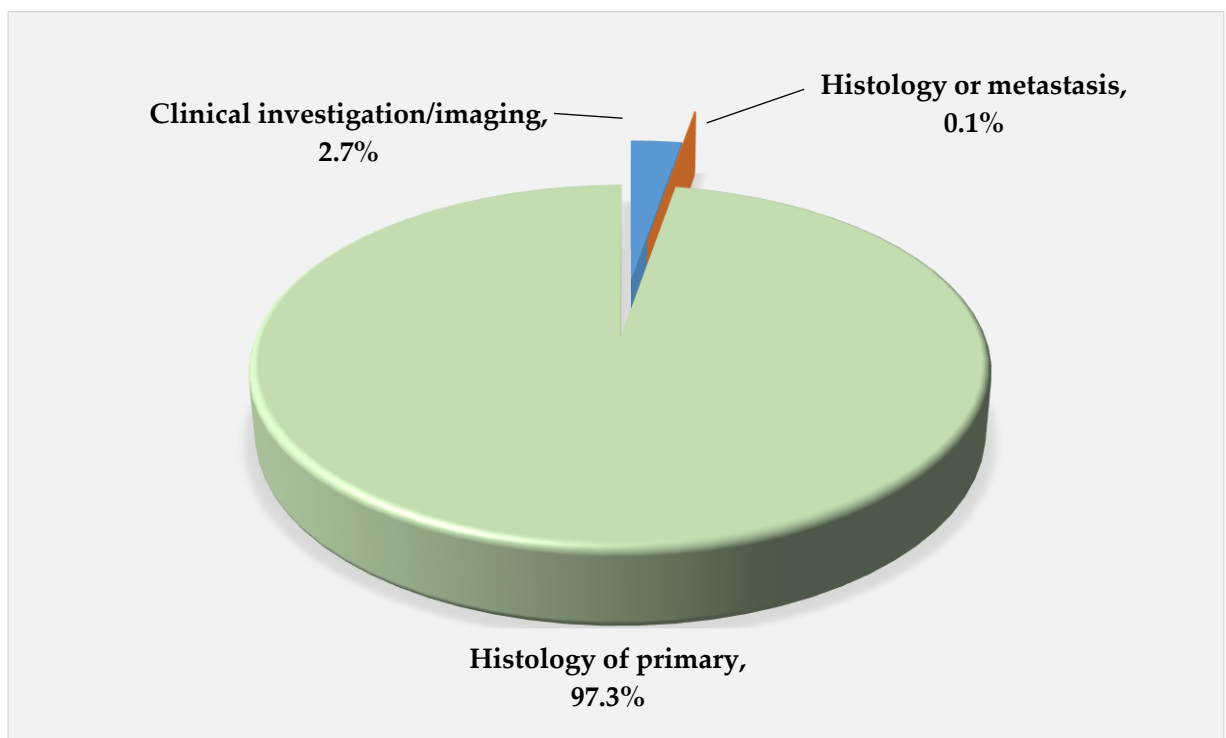


Figure 2.2 Most valid method of diagnosis.

Table 2.3 Number of cancer cases by staging of present extent of disease.

Staging	Male		Female		Total	
	Number	%	Number	%	Number	%
In situ	5	0.3	71	3.0	76	1.8
Localized	117	6.5	559	23.4	676	16.1
Regional LN	358	19.7	701	29.3	1,059	25.2
Distant metastasis	528	29.1	479	20.0	1,007	23.9
Unknown	806	44.4	583	24.4	1,389	33.0
Total	1,814	100.0	2,393	100.0	4,207	100.0

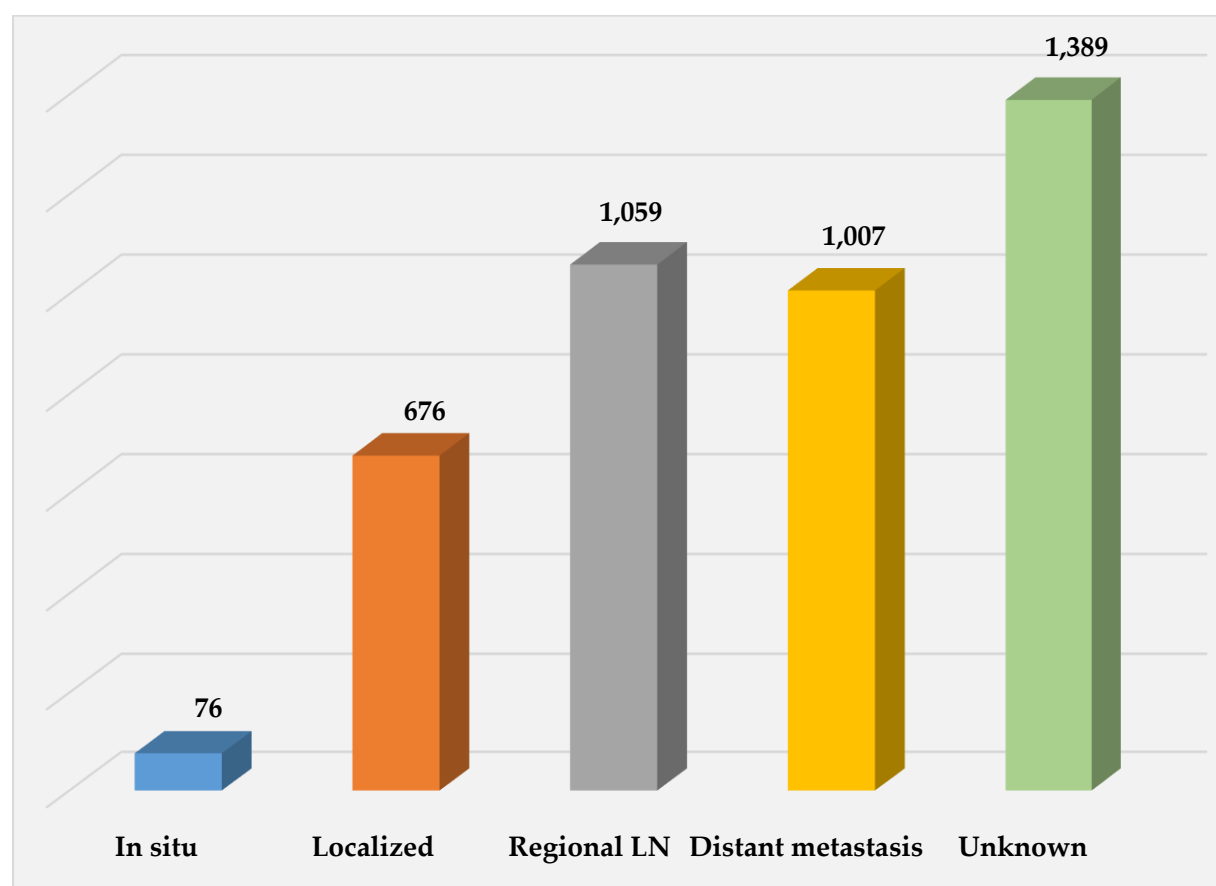
**Figure 2.3** Number of cancer cases by staging of present extent of disease.

Table 2.4 Number of cancer cases by age and sex, 2021.

Age group	Male		Female		Both sexes	
	Number	%	Number	%	Number	%
0-4	3	0.2	2	0.1	5	0.1
5-9	34	1.9	25	1.0	59	1.4
10-14	9	0.5	9	0.4	18	0.4
15-19	12	0.7	11	0.5	23	0.5
20-24	16	0.9	25	1.0	41	1.0
25-29	14	0.8	39	1.6	53	1.3
30-34	30	1.7	65	2.7	95	2.3
35-39	31	1.7	125	5.2	156	3.7
40-44	69	3.8	156	6.5	225	5.3
45-49	83	4.6	205	8.6	288	6.8
50-54	133	7.3	233	9.7	366	8.7
55-59	187	10.3	305	12.7	492	11.7
60-64	274	15.1	319	13.3	593	14.1
65-69	302	16.6	309	12.9	611	14.5
70-74	250	13.8	216	9.0	466	11.1
75-79	177	9.8	153	6.4	330	7.8
80-84	120	6.6	110	4.6	230	5.5
85+	70	3.9	86	3.6	156	3.7
Total	1,814	100.0	2,393	100.0	4,207	100.0
Mean	62.1		58.0		59.8	
S.D.	16.5		16.2		16.4	

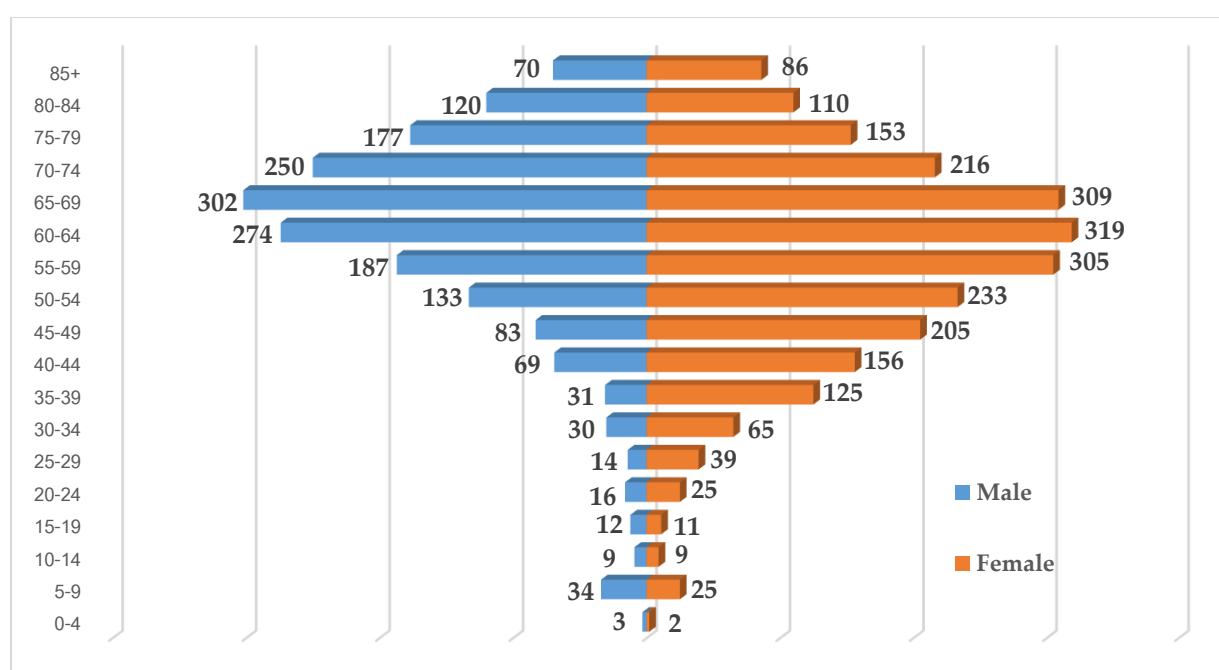


Figure 2.4 Patient pyramids, 01/01/2021 - 31/12/2021.

CHAPTER III

TEN LEADING SITES OF CANCER, 2021

Table 3.1 Ten leading sites of cancer in both sexes.

Site	ICD-O	Number of cases	%
1. Breast	C50	696	16.5
2. Colon and Rectum	C18-C20	454	10.8
3. Lung and Bronchus	C34	430	10.2
4. Liver and Intrahepatic Bile Ducts	C22	314	7.5
5. Prostate	C61	294	7.0
6. Thyroid	C73	269	6.4
7. Hematopoietic and Reticuloendothelial	C42	222	5.3
8. Lymphnodes	C77	204	4.8
9. Skin	C44	174	4.1
10. Corpus Uteri	C54	124	2.9
11. Other		1,026	24.4
Total		4,207	100.0

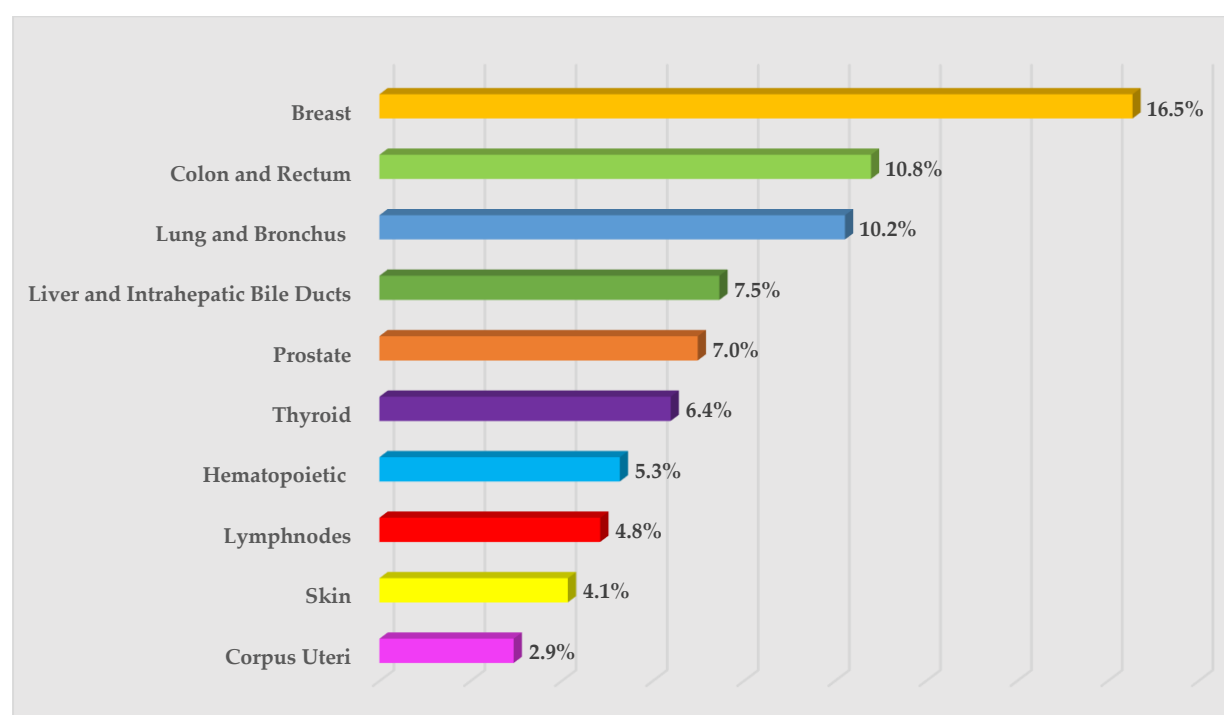
**Figure 3.1** Ten leading sites of cancer in both sexes. (%)

Table 3.2 Ten leading sites of cancer in male.

Site	ICD-O	Number of cases	%
1. Prostate	C61	294	16.2
2. Colon and Rectum	C18-C20	241	13.3
3. Liver and Intrahepatic Bile Ducts	C22	219	12.1
4. Lung and Bronchus	C34	213	11.7
5. Hematopoietic and Reticuloendothelial	C42	125	6.9
6. Lymphnodes	C77	106	5.8
7. Skin	C44	77	4.2
8. Urinary Bladder	C67	68	3.7
9. Kidney	C64	63	3.5
10. Thyroid	C73	46	2.5
11. Other		362	20.0
Total		1,814	100.0

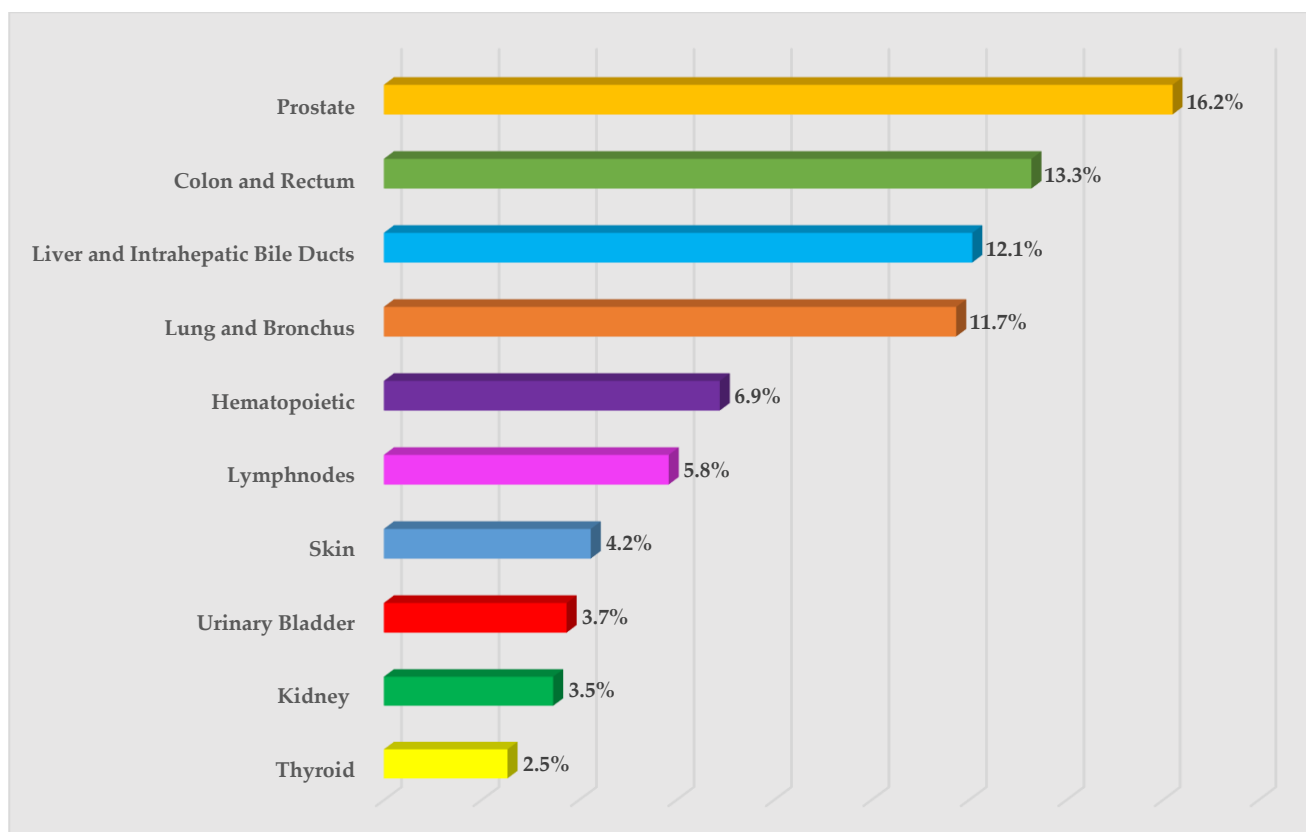


Figure 3.2 Ten leading sites of cancer in male. (%)

Table 3.3 Ten leading sites of cancer in female.

Site	ICD-O	Number of cases	%
1. Breast	C50	693	29.0
2. Thyroid	C73	223	9.3
3. Lung and Bronchus	C34	217	9.1
4. Colon and Rectum	C18-C20	213	8.9
5. Corpus Uteri	C54	124	5.2
6. Lymphnodes	C77	98	4.1
7. Hematopoietic and Reticuloendothelial	C42	97	4.1
8. Skin	C44	97	4.1
9. Liver and Intrahepatic Bile Ducts	C22	95	4.0
10. Cervix Uteri	C53	89	3.7
11. Other		447	18.7
Total		2,393	100.0

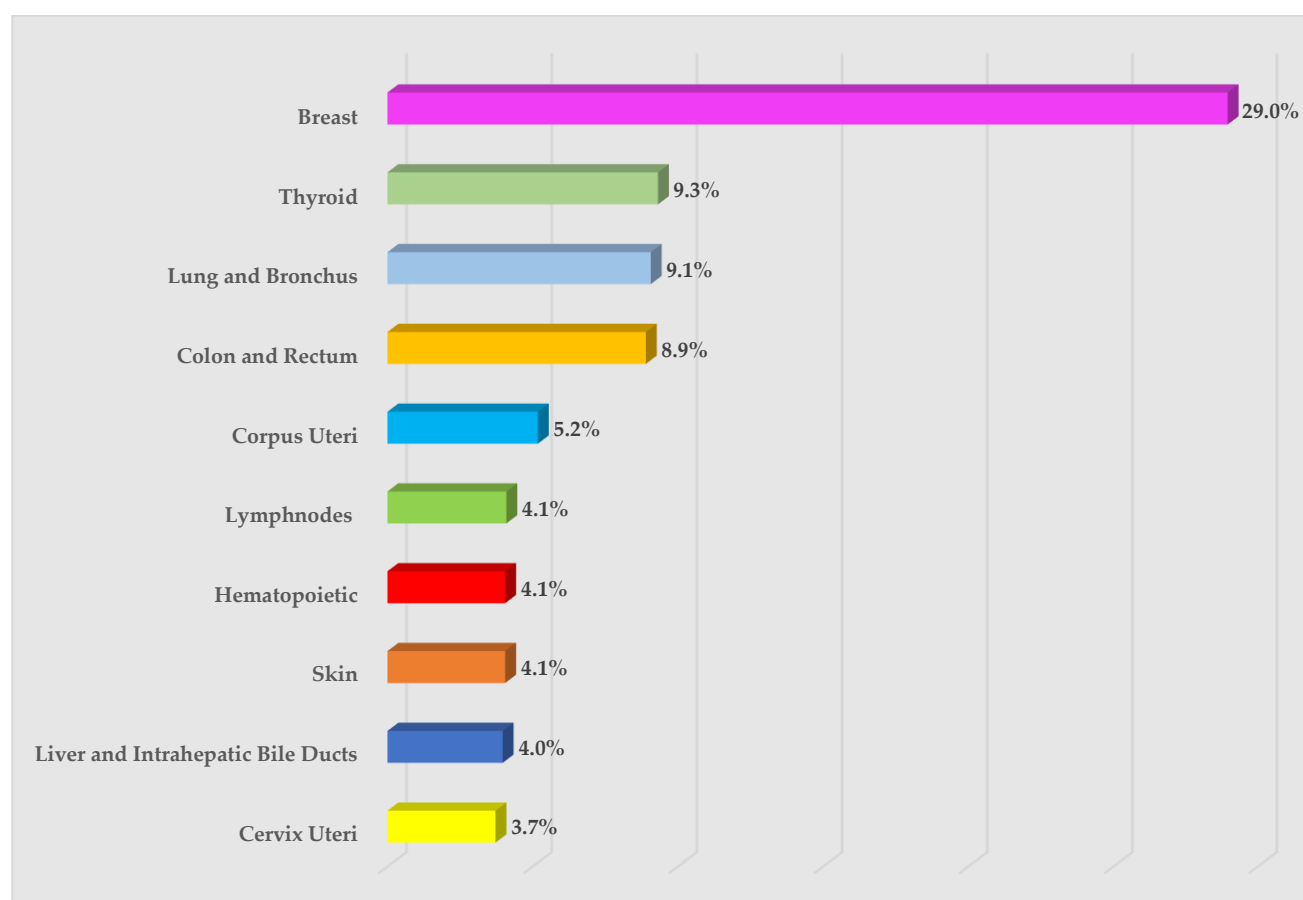
**Figure 3.3** Ten leading sites of cancer in female. (%)

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

Site	Male		Female		Total	
	Number	%	Number	%	Number	%
Leukemias - I	18	39.1	10	27.8	28	34.2
Lymphomas - II	4	8.7	0	0.0	4	4.9
Brain/CNS - III	5	10.9	8	22.2	13	15.9
Sympathetics NER.- IV	3	6.5	2	5.6	5	6.1
Retinoblastoma - V	6	13.0	4	11.1	10	12.2
Renal - VI	1	2.2	0	0.0	1	1.2
Hepatic - VII	3	6.5	1	2.8	4	4.9
Malignant bone - VIII	2	4.4	4	11.1	6	7.3
Soft-tissue - IX	4	8.7	2	5.6	6	7.3
Germ cell - X	0	0.0	1	2.8	1	1.2
Carcinomas - XI	0	0.0	4	11.1	4	4.9
Other - XII	0	0.0	0	0.0	0	0.0
Total	46	100.0	36	100.0	82	100.0

*ICCC: International Classification of Childhood Cancer.

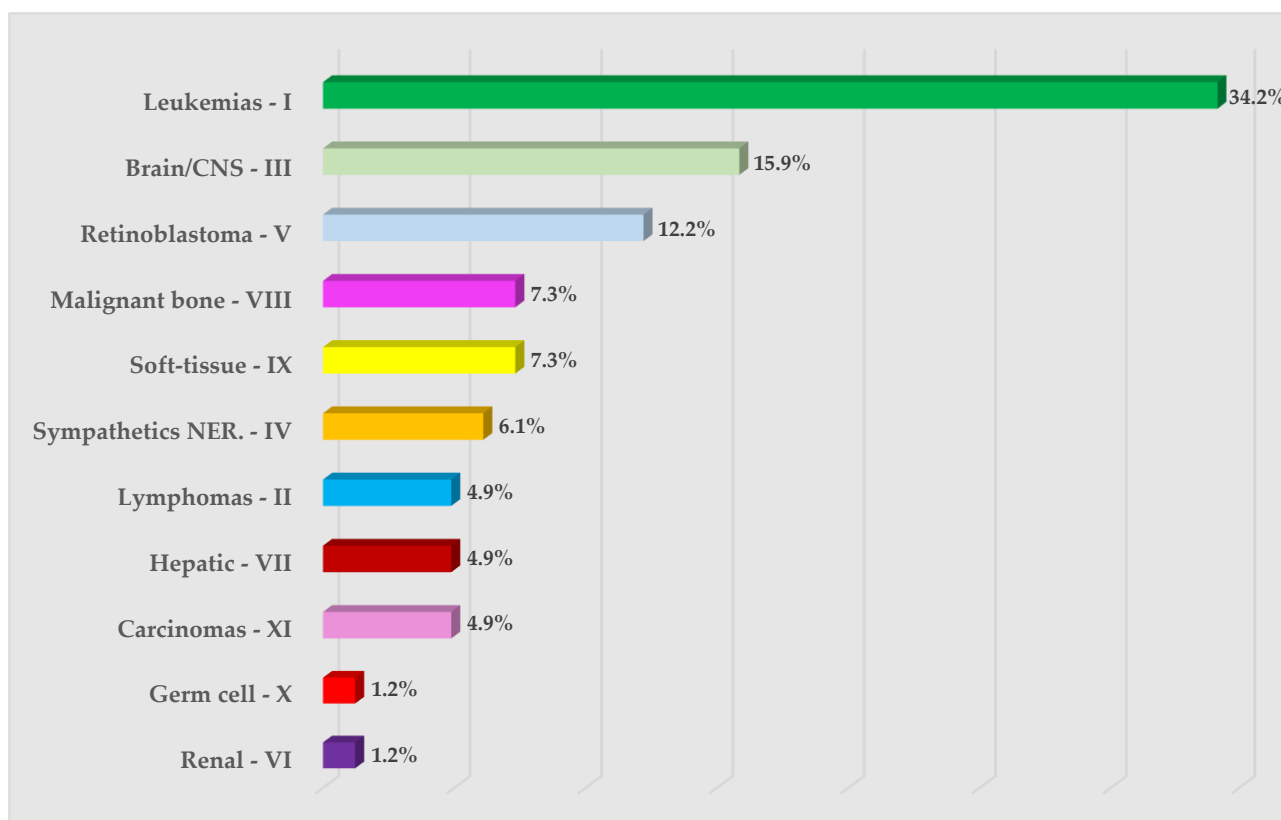


Figure 3.4 Site of cancer in childhood by ICCC, age<15, both sexes. (%)

CHAPTER IV

RAMATHIBODI CANCER REGISTRY

Table 4.1 Annual reports.

Site	Male		Female		Total		ICD-O
	N	(%)	N	(%)	N	(%)	
Lip	0	0.0	2	0.1	2	0.1	C00
Base of Tongue	4	0.2	2	0.1	6	0.1	C01
Other and unspecified part of Tongue	13	0.7	10	0.4	23	0.6	C02
Gum	3	0.2	5	0.2	8	0.2	C03
Floor Of Mouth	3	0.2	1	0.0	4	0.1	C04
Palate	8	0.4	1	0.0	9	0.2	C05
Other and unspecified part of Mouth	3	0.2	3	0.1	6	0.1	C06
Parotid gland	6	0.3	3	0.1	9	0.2	C07
Other and unspecified major salivary glands	1	0.1	5	0.2	6	0.1	C08
Tonsil	8	0.4	1	0.0	9	0.2	C09
Oropharynx	3	0.2	0	0.0	3	0.1	C10
Nasopharynx	35	1.9	10	0.4	45	1.1	C11
Pyriiform sinus	7	0.4	0	0.0	7	0.2	C12
Hypopharynx	4	0.2	2	0.1	6	0.1	C13
Pharynx	1	0.1	0	0.0	1	0.0	C14
Esophagus	31	1.7	4	0.2	35	0.8	C15
Stomach	34	1.9	56	2.3	90	2.1	C16
Small intestine	5	0.3	4	0.2	9	0.2	C17
Colon	139	7.7	126	5.3	265	6.3	C18
Rectosigmoid junction	14	0.8	11	0.5	25	0.6	C19
Rectum	88	4.9	76	3.2	164	3.9	C20
Anus and Anal canal	3	0.2	1	0.0	4	0.1	C21
Liver and Intrahepatic bile ducts	219	12.1	95	4.0	314	7.5	C22
Gallbladder	1	0.1	7	0.3	8	0.2	C23
Other and unspecified parts of biliary tract	8	0.4	14	0.6	22	0.5	C24
Pancreas	30	1.7	35	1.5	65	1.6	C25
Nasal cavity and Middle ear	7	0.4	4	0.2	11	0.3	C30
Accessory sinuses	4	0.2	3	0.1	7	0.2	C31
Larynx	22	1.2	1	0.0	23	0.6	C32
Lung and Bronchus	213	11.7	217	9.1	430	10.2	C34
Thymus	6	0.3	6	0.3	12	0.3	C37
Heart, Mediastinum	6	0.3	6	0.3	12	0.3	C38
Bones, Joints and Articular cartilage of limbs	1	0.1	4	0.2	5	0.1	C40
Bones, Joints and Articular cartilage of other and unspecified sites	4	0.2	4	0.2	8	0.2	C41

Site	Male		Female		Total		ICD-O
	N	(%)	N	(%)	N	(%)	
Hematopoietic and Reticuloendothelial systems	125	6.9	97	4.1	222	5.3	C42
Skin	77	4.2	97	4.1	174	4.1	C44
Peripheral nerves and Autonomic nervous system	0	0.0	1	0.0	1	0.0	C47
Retroperitoneum and Peritoneum	1	0.1	7	0.3	8	0.2	C48
Connective, Subcutaneous and Other soft tissues	20	1.1	27	1.1	47	1.1	C49
Breast	3	0.2	693	29.0	696	16.5	C50
Vulva	0	0.0	4	0.2	4	0.1	C51
Vagina	0	0.0	3	0.1	3	0.1	C52
Cervix uteri	0	0.0	89	3.7	89	2.1	C53
Corpus uteri	0	0.0	124	5.2	124	3.0	C54
Uterus	0	0.0	3	0.1	3	0.1	C55
Ovary	0	0.0	73	3.1	73	1.7	C56
Other and Unspecified female genital organs	0	0.0	2	0.1	2	0.1	C57
Placenta	0	0.0	1	0.0	1	0.0	C58
Penis	7	0.4	0	0.0	7	0.2	C60
Prostate gland	294	16.2	0	0.0	294	7.0	C61
Testis	11	0.6	0	0.0	11	0.3	C62
Kidney	63	3.5	39	1.6	102	2.4	C64
Renal pelvis	4	0.2	3	0.1	7	0.2	C65
Ureter	5	0.3	8	0.3	13	0.3	C66
Bladder	68	3.8	27	1.1	95	2.3	C67
Other and Unspecified urinary organs	0	0.0	1	0.0	1	0.0	C68
Eye and Adnexa	10	0.6	16	0.7	26	0.6	C69
Brain	22	1.2	18	0.8	40	1.0	C71
Spinal cord	1	0.1	3	0.1	4	0.1	C72
Thyroid gland	46	2.5	223	9.3	269	6.4	C73
Adrenal gland	3	0.2	5	0.2	8	0.2	C74
Other endocrine glands	4	0.2	1	0.0	5	0.1	C75
Other and Ill-defined site	1	0.1	3	0.1	4	0.1	C76
Lymph nodes	106	5.8	98	4.1	204	4.9	C77
Unknown primary site	9	0.5	8	0.3	17	0.4	C80
All sites	1,814	100.0	2,393	100.0	4,207	100.0	

Table 4.2 Percentage of morphologically verified and death certificate only cases.

Site	Male		Female		Total		ICD-O
	Case	%MV	Case	%MV	Case	%MV	
Lip	0	0.0	2	100.0	2	100.0	C00
Base of Tongue	4	100.0	2	100.0	6	100.0	C01
Other and unspecified part of Tongue	13	100.0	10	100.0	23	100.0	C02
Gum	3	100.0	5	100.0	8	100.0	C03
Floor of Mouth	3	100.0	1	100.0	4	100.0	C04
Palate	8	100.0	1	100.0	9	100.0	C05
Other and unspecified part of Mouth	3	100.0	3	100.0	6	100.0	C06
Parotid gland	6	100.0	3	100.0	9	100.0	C07
Other and unspecified major salivary glands	1	100.0	5	100.0	6	100.0	C08
Tonsil	8	100.0	1	100.0	9	100.0	C09
Oropharynx	3	100.0	0	0.0	3	100.0	C10
Nasopharynx	35	100.0	10	100.0	45	100.0	C11
Pyriiform sinus	7	100.0	0	0.0	7	100.0	C12
Hypopharynx	4	100.0	2	100.0	6	100.0	C13
Pharynx	1	100.0	0	100.0	1	100.0	C14
Esophagus	31	100.0	4	100.0	35	100.0	C15
Stomach	34	100.0	56	100.0	90	100.0	C16
Small intestine	5	100.0	4	100.0	9	100.0	C17
Colon	139	100.0	126	100.0	265	100.0	C18
Rectosigmoid junction	14	100.0	11	100.0	25	100.0	C19
Rectum	88	100.0	76	100.0	164	100.0	C20
Anus and Anal canal	3	100.0	1	100.0	4	100.0	C21
Liver and Intrahepatic bile ducts	219	64.8	95	67.4	314	65.6	C22
Gallbladder	1	100.0	7	100.0	8	100.0	C23
Other and unspecified parts of biliary tract	8	100.0	14	100.0	22	100.0	C24
Pancreas	30	100.0	35	100.0	65	100.0	C25
Nasal cavity and Middle ear	7	100.0	4	100.0	11	100.0	C30
Accessory sinuses	4	100.0	3	100.0	7	100.0	C31
Larynx	22	100.0	1	100.0	23	100.0	C32
Lung and Bronchus	213	99.1	217	98.6	430	98.8	C34
Thymus	6	100.0	6	100.0	12	100.0	C37
Heart, Mediastinum	6	100.0	6	100.0	12	100.0	C38
Bones, Joints and Articular cartilage of limbs	1	100.0	4	100.0	5	100.0	C40
Bones, Joints and Articular cartilage of other and unspecified sites	4	100.0	4	100.0	8	100.0	C41
Hematopoietic and Reticuloendothelial systems	125	100.0	97	100.0	222	100.0	C42
Skin	77	100.0	97	100.0	174	100.0	C44
Peripheral nerves and Autonomic nervous system	0	0.0	1	100.0	1	100.0	C47
Retroperitoneum and Peritoneum	1	100.0	7	100.0	8	100.0	C48
Connective, Subcutaneous and Other soft tissues	20	100.0	27	100.0	47	100.0	C49
Breast	3	100.0	693	100.0	696	100.0	C50
Vulva	0	0.0	4	100.0	4	100.0	C51
Vagina	0	0.0	3	100.0	3	100.0	C52
Cervix uteri	0	0.0	89	100.0	89	100.0	C53
Corpus uteri	0	0.0	124	100.0	124	100.0	C54
Uterus	0	0.0	3	100.0	3	100.0	C55

Site	Male		Female		Total		ICD-O
	Case	%MV	Case	%MV	Case	%MV	
Ovary	0	0.0	73	100.0	73	100.0	C56
Other and Unspecified female genital organs	0	0.0	2	100.0	2	100.0	C57
Placenta	0	0.0	1	100.0	1	100.0	C58
Penis	7	100.0	0	0.0	7	100.0	C60
Prostate gland	294	100.0	0	0.0	294	100.0	C61
Testis	11	100.0	0	0.0	11	100.0	C62
Kidney	63	100.0	39	100.0	102	100.0	C64
Renal pelvis	4	100.0	3	100.0	7	100.0	C65
Ureter	5	100.0	8	100.0	13	100.0	C66
Bladder	68	100.0	27	100.0	95	100.0	C67
Other and Unspecified urinary organs	0	0.0	1	100.0	1	100.0	C68
Eye and Adnexa	10	100.0	16	100.0	26	100.0	C69
Brain	22	100.0	18	100.0	40	100.0	C71
Spinal cord	1	100.0	3	100.0	4	100.0	C72
Thyroid gland	46	100.0	223	100.0	269	100.0	C73
Adrenal gland	3	100.0	5	100.0	8	100.0	C74
Other endocrine glands	4	100.0	1	100.0	5	100.0	C75
Other and Ill-defined site	1	100.0	3	100.0	4	100.0	C76
Lymph nodes	106	100.0	98	100.0	204	100.0	C77
Unknown primary site	9	100.0	8	100.0	17	100.0	C80
All sites	1,814	95.6	2,393	98.6	4,207	97.3	

Table 4.3 Number of cancer cases by site, sex and age.

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
GRAND TOTAL																					
M	1,814	23	14	9	12	16	14	30	31	69	83	133	187	274	302	250	177	120	70	62.1	16.5
F	2,393	16	11	9	11	25	39	65	125	156	205	233	305	319	309	216	153	110	86	58.0	16.2
T	4,207	39	25	18	23	41	53	95	156	225	288	366	492	593	611	466	330	230	156	59.8	16.4
C00 LIP																					
F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	70.0	2.8
T	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	70.0	2.8
C01 BASE OF TONGUE																					
M	4	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	62.3	6.0
F	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	59.0	2.8
T	6	0	0	0	0	0	0	0	0	0	0	0	3	2	0	1	0	0	0	61.2	5.1
C02 OTHER AND UNSPECIFIED PART OF TONGUE																					
M	13	0	0	0	0	1	0	0	1	0	1	3	2	1	2	0	1	1	0	55.9	16.1
F	10	0	0	0	0	0	1	0	0	0	2	1	0	3	1	0	0	0	2	60.5	18.4
T	23	0	0	0	0	1	1	0	1	0	3	4	2	4	3	0	1	1	2	57.9	16.9
C03 GUM																					
M	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	70.7	11.0
F	5	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	67.8	13.0
T	8	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	1	2	0	68.9	11.5
C04 FLOOR OF MOUTH																					
M	3	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	52.3	4.0
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	78.0	0.0
T	4	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	58.8	13.3
C05 PALATE																					
M	8	0	0	0	0	0	0	0	0	0	0	1	0	1	1	5	0	0	0	68.1	6.5
F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	59.0	0.0
T	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	0	0	0	67.1	6.8
C06 OTHER AND UNSPECIFIED PART OF MOUTH																					
M	3	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	58.7	8.3
F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	77.0	4.4
T	6	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	67.8	11.7
C07 PAROTID GLAND																					
M	6	0	0	0	0	1	0	0	0	0	1	0	1	2	1	0	0	0	0	52.7	16.6
F	3	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	47.3	12.9
T	9	0	0	0	0	1	0	1	0	0	1	1	2	2	1	0	0	0	0	50.9	14.9
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS																					
M	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	48.0	0.0
F	5	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	1	0	0	63.4	8.8
T	6	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	1	0	0	60.8	10.1
C09 TONSIL																					
M	8	0	0	0	0	0	0	1	0	0	0	2	0	2	2	0	1	0	0	58.8	14.0
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	9	0	0	0	0	0	0	1	0	1	0	2	0	2	2	0	1	0	0	57.0	14.2
C10 OROPHARYNX																					
M	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	68.3	6.7
T	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	68.3	6.7
C11 NASOPHARYNX																					
M	35	0	0	0	1	1	0	6	1	7	6	3	2	4	1	1	2	0	0	47.3	14.8
F	10	0	0	1	0	0	0	0	1	1	0	1	3	0	1	2	0	0	0	52.7	18.4
T	45	0	0	1	1	1	0	6	2	8	6	4	5	4	2	3	2	0	0	48.5	15.6
C12 PYRIFORM SINUS																					
M	7	0	0	0	0	0	0	0	0	1	0	0	3	0	0	2	0	1	0	62.3	12.6
T	7	0	0	0	0	0	0	0	0	1	0	0	3	0	0	2	0	1	0	62.3	12.6
C13 HYPOPHARYNX																					
M	4	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	62.8	9.3
F	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	63.0	4.2
T	6	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1	0	0	62.8	7.4
C14 OTHER AND ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX																					
M	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	59.0	0.0
T	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	59.0	0.0

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C15 ESOPHAGUS																					
M	31	0	0	0	0	0	0	0	0	1	2	4	7	5	4	3	4	0	1	61.8	10.1
F	4	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	68.3	15.3
T	35	0	0	0	0	0	0	0	0	1	2	5	7	6	4	4	4	0	2	62.5	10.7
C16 STOMACH																					
M	34	0	0	0	0	0	0	0	0	3	0	3	6	6	5	4	6	1	0	63.3	11.2
F	56	0	0	0	0	0	0	1	1	5	3	5	10	7	5	7	6	4	2	62.6	13.7
T	90	0	0	0	0	0	0	1	1	8	3	8	16	13	10	11	12	5	2	62.9	12.7
C17 SMALL INTESTINE																					
M	5	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	58.8	9.4
F	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	70.5	19.4
T	9	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	64.0	14.9
C18 COLON																					
M	139	0	0	0	0	1	0	1	1	7	5	14	14	19	22	23	14	11	7	65.3	12.6
F	126	0	0	0	0	0	0	3	3	2	7	10	16	16	13	18	16	9	13	66.2	14.3
T	265	0	0	0	0	1	0	4	4	9	12	24	30	35	35	41	30	20	20	65.7	13.4
C19 RECTOSIGMOID JUNCTION																					
M	14	0	0	0	0	0	0	0	0	0	0	4	2	1	3	2	0	1	1	63.9	11.8
F	11	0	0	0	0	0	0	1	0	1	2	2	0	1	1	1	1	1	0	57.1	16.8
T	25	0	0	0	0	0	0	1	0	1	2	6	2	2	4	3	1	2	1	60.9	14.3
C20 RECTUM																					
M	88	0	0	0	0	0	0	0	3	2	4	5	14	17	16	15	7	3	2	63.8	11.2
F	76	0	0	0	0	0	0	1	0	0	6	5	8	8	18	8	10	7	5	66.8	12.3
T	164	0	0	0	0	0	0	1	3	2	10	10	22	25	34	23	17	10	7	65.2	11.8
C21 ANUS AND ANAL CANAL																					
M	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	61.3	15.6
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	83.0	0.0
T	4	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	66.8	16.7
C22 LIVER AND INTRAHEPATIC BILE DUCTS																					
M	219	3	0	0	0	0	3	3	1	8	11	25	24	37	40	29	16	10	9	62.4	14.4
F	95	1	0	0	0	0	0	0	0	2	0	5	12	19	13	12	12	12	7	68.2	12.5
T	314	4	0	0	0	0	3	3	1	10	11	30	36	56	53	41	28	22	16	64.1	14.1
C23 GALLBLADDER																					
M	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	53.0	0.0
F	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	76.6	11.7
T	8	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	2	1	73.6	13.7
C24 OTHER AND UNSPECIFIED PART OF BILIARY TRACT																					
M	8	0	0	0	0	0	0	0	0	1	0	0	1	2	1	2	1	0	0	63.8	11.0
F	14	0	0	0	0	0	0	0	1	0	0	2	1	4	0	6	0	0	0	62.8	11.0
T	22	0	0	0	0	0	0	0	1	1	0	2	2	6	1	8	1	0	0	63.1	10.8
C25 PANCREAS																					
M	30	0	0	0	0	0	0	0	0	0	4	1	7	3	7	4	0	3	1	63.7	11.2
F	35	0	0	0	1	0	0	0	1	1	0	1	5	4	8	6	3	4	1	65.6	14.2
T	65	0	0	0	1	0	0	0	1	1	4	2	12	7	15	10	3	7	2	64.7	12.8
C30 NASAL CAVITY AND MIDDLE EAR																					
M	7	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	2	0	67.6	12.1
F	4	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0	65.3	9.9
T	11	0	0	0	0	0	0	0	0	0	0	2	2	0	3	2	0	2	0	66.7	10.9
C31 ACCESSORY SINUSES																					
M	4	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	54.0	7.3
F	3	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	54.0	13.1
T	7	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	0	0	54.0	9.2
C32 LARYNX																					
M	22	0	0	0	0	0	0	0	0	1	1	4	0	5	4	2	2	3	0	64.5	11.3
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	69.0	0.0
T	23	0	0	0	0	0	0	0	0	1	1	4	0	5	5	2	2	3	0	64.7	11.1
C34 LUNG AND BRONCHUS																					
M	213	0	0	0	0	0	0	1	2	4	10	9	21	34	41	35	28	18	10	67.1	10.7
F	217	0	0	0	0	0	1	0	6	4	6	11	37	35	41	29	20	16	11	65.3	11.6
T	430	0	0	0	0	0	1	1	8	8	16	20	58	69	82	64	48	34	21	66.2	11.2
C37 THYMUS																					
M	6	0	0	0	0	0	0	0	0	0	2	0	1	1	0	2	0	0	0	60.3	11.4
F	6	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	59.7	15.0
T	12	0	0	0	0	0	0	0	0	2	2	0	1	1	2	4	0	0	0	60.0	12.7

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C38 HEART, MEDIASTINUM AND PLEURA																					
M	6	0	0	0	0	0	1	1	0	1	0	0	1	1	0	0	0	0	1	51.5	21.8
F	6	1	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	1	36.3	27.6
T	12	1	0	0	1	0	2	1	0	2	0	1	1	1	0	0	0	1	1	43.9	25.0
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS																					
M	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.0	0.0
F	4	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	22.8	14.8
T	5	0	1	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	20.2	14.0
C41 BONES, JOINTS AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES																					
M	4	0	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	27.0	14.8
F	4	0	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	21.8	24.6
T	8	0	3	0	1	0	2	0	0	0	1	0	1	0	0	0	0	0	0	24.4	19.0
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS																					
M	125	5	7	6	3	4		3	3	3	5	10	14	12	18	10	5	11	6	53.4	25.0
F	97	5	2	3	2	4	1	3	4	3	4	5	6	8	14	7	11	12	3	55.7	24.3
T	222	10	9	9	5	8	1	6	7	6	9	15	20	20	32	17	16	23	9	54.4	24.6
C44 SKIN																					
M	77	0	0	0	0	0	0	2	1	3	1	3	8	10	11	11	8	14	5	68.4	13.9
F	97	0	0	0	0	0	1	2	6	3	2	5	15	12	10	13	12	6	10	65.1	15.5
T	174	0	0	0	0	0	1	4	7	6	3	8	23	22	21	24	20	20	15	66.6	14.9
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM																					
F	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	38.0	0.0
T	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	38.0	0.0
C48 RETROPERITONEUM AND PERITONEUM																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	61.0	0.0
F	7	0	0	0	0	0	1	0	0	0	0	0	1	3	1	1	0	0	0	58.4	15.0
T	8	0	0	0	0	0	1	0	0	0	0	0	1	4	1	1	0	0	0	58.8	14.0
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES																					
M	20	2	1	1	0	0	0	1	3	1	1	1	2	1	1	2	1	0	2	47.4	26.5
F	27	1	0	1	0	1	1	0	1	4	0	2	3	2	3	1	3	1	3	56.1	22.9
T	47	3	1	2	0	1	1	1	4	5	1	3	5	3	4	3	4	1	5	52.4	24.6
C50 BREAST																					
M	3	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	48.3	6.4
F	693	0	0	0	0	2	7	18	41	64	118	95	95	86	83	37	19	15	13	55.3	12.7
T	696	0	0	0	0	2	7	18	41	65	118	97	95	86	83	37	19	15	13	55.3	12.6
C51 VULVA																					
F	4	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	71.8	14.9
T	4	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	71.8	14.9
C52 VAGINA																					
F	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	65.3	3.2
T	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	65.3	3.2
C53 CERVIX UTERI																					
F	89	0	0	0	0	0	1	6	13	10	10	10	11	11	7	5	4	1	0	52.1	13.1
T	89	0	0	0	0	0	1	6	13	10	10	10	11	11	7	5	4	1	0	52.1	13.1
C54 CORPUS UTERI																					
F	124	0	0	0	0	0	1	2	4	7	7	13	17	25	23	14	7	2	2	60.1	11.7
T	124	0	0	0	0	0	1	2	4	7	7	13	17	25	23	14	7	2	2	60.1	11.7
C55 UTERUS																					
F	3	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	51.7	11.8
T	3	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	51.7	11.8
C56 OVARY																					
F	73	0	0	0	0	3	3	2	1	7	12	11	9	10	9	4	2	0	0	52.9	13.2
T	73	0	0	0	0	3	3	2	1	7	12	11	9	10	9	4	2	0	0	52.9	13.2
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS																					
F	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	62.0	11.3
T	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	62.0	11.3
C58 PLACENTA																					
F	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	24.0	0.0
T	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	24.0	0.0
C60 PENIS																					
M	7	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	1	0	1	64.6	14.3
T	7	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	1	0	1	64.6	14.3

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
C61 PROSTATE GLAND																					
M	294	0	0	0	0	0	0	0	0	0	1	8	20	52	73	58	45	29	8	69.6	8.1
T	294	0	0	0	0	0	0	0	0	0	1	8	20	52	73	58	45	29	8	69.6	8.1
C62 TESTIS																					
M	11	0	0	0	1	1	2	2	1	1	0	0	0	0	1	0	1	0	1	42.5	23.6
T	11	0	0	0	1	1	2	2	1	1	0	0	0	0	1	0	1	0	1	42.5	23.6
C64 KIDNEY																					
M	63	1	0	0	0	0	2	1	1	4	6	7	3	12	10	9	5	0	2	59.2	14.9
F	39	0	0	0	0	1	0	0	4	2	2	8	3	5	2	8	1	1	2	58.8	15.4
T	102	1	0	0	0	1	2	1	5	6	8	15	6	17	12	17	6	1	4	59.0	15.0
C65 RENAL PELVIS																					
M	4	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	66.8	13.6
F	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	67.3	6.7
T	7	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	2	1	0	67.0	10.4
C66 URETER																					
M	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	0	0	69.4	10.1
F	8	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	2	1	0	66.9	12.9
T	13	0	0	0	0	0	0	0	0	1	0	1	1	1	1	3	4	1	0	67.8	11.5
C67 BLADDER																					
M	68	0	0	0	0	0	0	0	2	5	1	1	2	11	13	13	9	4	7	68.4	12.9
F	27	0	0	0	0	1	0	0	0	1	1	1	3	3	5	2	0	5	5	68.1	16.3
T	95	0	0	0	0	1	0	0	2	6	2	2	5	14	18	15	9	9	12	68.3	13.8
C68 OTHER AND UNSPECIFIED URINARY ORGANS																					
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	76.0	0.0
T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	76.0	0.0
C69 EYE AND ADNEXA																					
M	10	6	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	0	23.1	28.4
F	16	3	2	0	1	0	0	1	1	1	2	0	1	1	0	2	0	0	1	36.4	28.3
T	26	9	2	0	1	0	0	1	1	2	2	0	2	3	0	2	0	0	1	31.3	28.6
C71 BRAIN																					
M	22	1	2	1	2	1	1	1	3	0	1	3	3	1	2	0	0	0	0	37.0	21.1
F	18	3	2	1	1		1	3	1	0	1		1	2	1	1	0	0	0	32.4	24.3
T	40	4	4	2	3	1	2	4	4	0	2	3	4	3	3	1	0	0	0	34.9	22.4
C72 SPINAL CORD, CRANIAL NERVES, AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM																					
M	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.0	0.0
F	3	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12.3	10.2
T	4	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10.3	9.3
C73 THYROID GLAND																					
M	46	0	0	0	1	1	0	3	3	8	4	1	6	8	4	4	3	0	0	53.2	14.8
F	223	0	0	2	1	7	13	15	25	30	16	22	27	20	25	10	9	1	0	49.6	15.1
T	269	0	0	2	2	8	13	18	28	38	20	23	33	28	29	14	12	1	0	50.2	15.1
C74 ADRENAL GLAND																					
M	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.0	1.7
F	5	2	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	26.6	25.3
T	8	5	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	17.4	23.0
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES																					
M	4	0	0	0	2	0	0	0	1	0	0	0	0	1	0	0	0	0	0	32.0	22.0
F	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	29.0	0.0
T	5	0	0	0	2	0	1	0	1	0	0	0	0	1	0	0	0	0	0	31.4	19.1
C76 OTHER AND ILL-DEFINED SITES																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	79.0	0.0
F	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	59.7	24.9
T	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	0	0	64.5	22.5
C77 LYMPH NODES																					
M	106	1	3	0	2	5	2	4	3	5	10	9	7	13	13	8	10	5	6	56.2	20.4
F	98	0	0	0	3	4	5	4	6	2	2	9	10	20	12	11	4	4	2	56.0	17.7
T	204	1	3	0	5	9	7	8	9	7	12	18	17	33	25	19	14	9	8	56.1	19.1
C80 UNKNOWN PRIMARY SITE																					
M	9	0	0	0	0	0	1	0	1	0	1	0	2	2	1	0	0	1	0	56.3	16.1
F	8	0	0	0	0	0	0	0	0	0	0	1	1	4	0	0	1	1	0	63.9	9.7
T	17	0	0	0	0	0	1	0	1	0	1	1	3	6	1	0	1	2	0	59.9	13.6

Table 4.4 Number of cancer cases by primary site.

ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C00 LIP	0	2	2
C00.0 Upper lip	0	1	1
C00.1 Lower lip	0	1	1
C01 BASE OF TONGUE	4	2	6
C01.9 Base of tongue	4	2	6
C02 OTHER AND UNSPECIFIED PART OF TONGUE	13	10	23
C02.1 Border of tongue	3	1	4
C02.9 Tongue	10	9	19
C03 GUM	3	5	8
C03.0 Upper gum	0	4	4
C03.1 Lower gum	0	1	1
C03.9 Gum	3	0	3
C04 FLOOR OF MOUTH	3	1	4
C04.9 Floor of mouth	3	1	4
C05 PALATE	8	1	9
C05.0 Hard palate	1	0	1
C05.1 Soft palate	5	1	6
C05.2 Uvula	1	0	1
C05.9 Palate	1	0	1
C06 OTHER AND UNSPECIFIED PART OF MOUTH	3	3	6
C06.0 Buccal mucosa	3	2	5
C06.2 Retromolar trigone	0	1	1
C07 PAROTID GLAND	6	3	9
C07.9 Parotid gland	6	3	9
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS	1	5	6
C08.0 Submandibular gland	1	3	4
C08.1 Sublingual gland	0	1	1
C08.9 Salivary gland	0	1	1
C09 TONSIL	8	1	9
C09.9 Tonsil	8	1	9
C10 OROPHARYNX	3	0	3
C10.9 Oropharynx	3	0	3
C11 NASOPHARYNX	35	10	45
C11.9 Nasopharynx	35	10	45
C12 PYRIFORM SINUS	7	0	7
C12.9 Pyriform sinus	7	0	7
C13 HYPOPHARYNX	4	2	6
C13.9 Hypopharynx	4	2	6
C14 OTHER AND ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX	1	0	1
C14.0 Pharynx	1	0	1
C15 ESOPHAGUS	31	4	35
C15.0 Cervical esophagus	1	1	2
C15.1 Thoracic esophagus	3	0	3
C15.3 Upper third of esophagus	1	0	1
C15.4 Middle third of esophagus	10	0	10
C15.5 Lower third of esophagus	3	0	3
C15.9 Esophagus	13	3	16
C16 STOMACH	34	56	90
C16.0 Cardia	2	2	4
C16.1 Fundus of stomach	2	2	4
C16.2 Body of stomach	3	1	4
C16.3 Gastric antrum	3	4	7
C16.9 Stomach	24	47	71
C17 SMALL INTESTINE	5	4	9
C17.0 Duodenum	0	1	1

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C17.1	Jejunum	2	1	3
C17.2	Ileum	1	0	1
C17.9	Small bowel	2	2	4
C18 COLON		139	126	265
C18.0	Cecum	12	11	23
C18.1	Appendix	3	6	9
C18.2	Ascending colon	12	20	32
C18.3	Hepatic flexure of colon	6	11	17
C18.4	Transverse colon	9	14	23
C18.5	Splenic flexure of colon	5	3	8
C18.6	Descending colon	20	6	26
C18.7	Sigmoid colon	61	45	106
C18.9	Colon	11	10	21
C19 RECTOSIGMOID JUNCTION		14	11	25
C19.9	Rectosigmoid junction	14	11	25
C20 RECTUM		88	76	164
C20.9	Rectum	88	76	164
C21 ANUS AND ANAL CANAL		3	1	4
C21.0	Anus	0	1	1
C21.1	Anal canal	3	0	3
C22 LIVER AND INTRAHEPATIC BILE DUCTS		219	95	314
C22.0	Liver	170	64	234
C22.1	Intrahepatic bile duct	49	31	80
C23 GALLBLADDER		1	7	8
C23.9	Gallbladder	1	7	8
C24 OTHER AND UNSPECIFIED PART OF BILIARY TRACT		8	14	22
C24.0	Common bile duct	2	5	7
C24.1	Ampulla of Vater	6	9	15
C25 PANCREAS		30	35	65
C25.0	Head of pancreas	14	19	33
C25.1	Body of pancreas	1	4	5
C25.2	Tail of pancreas	4	1	5
C25.7	Neck of pancreas	1	0	1
C25.8	Overl. lesion of pancreas	1	0	1
C25.9	Pancreas	9	11	20
C30 NASAL CAVITY AND MIDDLE EAR		7	4	11
C30.0	Nasal cavity	7	4	11
C31 ACCESSORY SINUSES		4	3	7
C31.0	Maxillary sinus	4	2	6
C31.1	Ethmoid sinus	0	1	1
C32 LARYNX		22	1	23
C32.0	True vocal cord	12	0	12
C32.1	Supraglottis	7	0	7
C32.9	Larynx	3	1	4
C34 LUNG AND BRONCHUS		213	217	430
C34.1	Upper lobe, lung	92	97	189
C34.2	Middle lobe, lung	8	17	25
C34.3	Lower lobe, lung	80	83	163
C34.8	Overl. lesion of lung	4	1	5
C34.9	Lung	29	19	48
C37 THYMUS		6	6	12
C37.9	Thymus	6	6	12
C38 HEART, MEDIASTINUM AND PLEURA		6	6	12
C38.0	Pericardium	0	2	2
C38.1	Anterior mediastinum	5	2	7
C38.3	Mediastinum	1	1	2
C38.4	Pleura	0	1	1

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS		1	4	5
C40.0	Scapula	0	1	1
C40.2	Long bones of lower limb and associated joints	1	3	4
C41 BONES, JOINTS AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES		4	4	8
C41.0	Bones of skull and face and associated joints	3	2	5
C41.2	Vertebral column	0	1	1
C41.4	Coccyx	1	0	1
C41.9	Bone	0	1	1
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS		125	97	222
C42.1	Bone marrow	125	97	222
C44 SKIN		77	97	174
C44.0	Skin of lip	2	3	5
C44.1	Eyelid	5	5	10
C44.2	External ear	5	8	13
C44.3	Skin, other and unspecified parts of face	22	30	52
C44.4	Skin of head	13	8	21
C44.6	Skin of upper limb	12	12	24
C44.8	Overl. lesion of skin	2	0	2
C44.9	Skin	0	4	4
C44.7	Skin of lower limb and hip	8	12	20
C44.5	Skin of trunk	8	15	23
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM		0	1	1
C47.9	Parasympathetic nervous system	0	1	1
C48 RETROPERITONEUM AND PERITONEUM		1	7	8
C48.0	Retroperitoneum	0	1	1
C48.2	Peritoneum	1	6	7
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES		20	27	47
C49.0	Soft tissues of head, face, and neck	2	4	6
C49.1	Soft tissues of upper limb and shoulder	3	4	7
C49.2	Soft tissues of lower limb and hip	3	12	15
C49.3	Soft tissues of thorax	2	0	2
C49.4	Soft tissues of abdominal wall	7	2	9
C49.5	Soft tissues of pelvis	2	3	5
C49.6	Connective, subcutaneous and other soft tissues of trunk	1	2	3
C50 BREAST		3	693	696
C50.0	Nipple	0	12	12
C50.1	Central portion of breast	0	50	50
C50.2	Upper inner quadrant of breast	0	97	97
C50.3	Lower inner quadrant of breast	0	28	28
C50.4	Upper outer quadrant of breast	1	306	307
C50.5	Lower outer quadrant of breast	0	33	33
C50.6	Axillary tail of breast	0	7	7
C50.8	Overl. lesion of breast	0	15	15
C50.9	Breast	2	145	147
C51 VULVA		0	4	4
C51.8	Overl. lesion of vulva	0	1	1
C51.9	Vulva	0	3	3
C52 VAGINA		0	3	3
C52.9	Vagina	0	3	3
C53 CERVIX UTERI		0	89	89
C53.0	Endocervix	0	21	21
C53.1	Exocervix	0	60	60
C53.8	Cervical stump	0	1	1
C53.9	Cervix	0	7	7

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C54 CORPUS UTERI		0	124	124
C54.1	Endometrium	0	117	117
C54.2	Myometrium	0	2	2
C54.9	Corpus uteri	0	5	5
C55 UTERUS		0	3	3
C55.9	Uterus	0	3	3
C56 OVARY		0	73	73
C56.9	Ovary	0	73	73
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS		0	2	2
C57.0	Fallopian tube	0	2	2
C58 PLACENTA		0	1	1
C58.9	Placenta	0	1	1
C60 PENIS		7	0	7
C60.1	Glans penis	1	0	1
C60.9	Penis	6	0	6
C61 PROSTATE GLAND		294	0	294
C61.9	Prostate	294	0	294
C62 TESTIS		11	0	11
C62.9	Testis	11	0	11
C64 KIDNEY		63	39	102
C64.9	Kidney	63	39	102
C65 RENAL PELVIS		4	3	7
C65.9	Renal pelvis	4	3	7
C66 URETER		5	8	13
C66.9	Ureter	5	8	13
C67 BLADDER		68	27	95
C67.0	Trigone of urinary bladder	2	0	2
C67.1	Dome of urinary bladder	2	0	2
C67.2	Lateral wall of urinary bladder	1	1	2
C67.7	Urachus	1	0	1
C67.9	Bladder	62	26	88
C68 OTHER AND UNSPECIFIED URINARY ORGANS		0	1	1
C68.0	Urethra	0	1	1
C69 EYE AND ADNEXA		10	16	26
C69.0	Conjunctiva	0	2	2
C69.2	Retina	6	6	12
C69.3	Choroid	3	7	10
C69.4	Iris	0	1	1
C69.5	Lacrimal gland	1	0	1
C71 BRAIN		22	18	40
C71.0	Thalamus	1	1	2
C71.1	Frontal lobe	7	5	12
C71.2	Temporal lobe	2	1	3
C71.3	Parietal lobe	1	2	3
C71.4	Occipital lobe	0	1	1
C71.5	Ventricle	0	1	1
C71.6	Cerebellum	3	2	5
C71.7	Brain stem	3	3	6
C71.8	Overl. lesion of brain	1	0	1
C71.9	Brain	4	2	6
C72 SPINAL CORD		1	3	4
C72.0	Spinal cord	1	0	1
C72.3	Optic nerve	0	2	2
C72.9	Central nervous system	0	1	1
C73 THYROID GLAND		46	223	269
C73.9	Thyroid	46	223	269

ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
C74 ADRENAL GLAND		3	5	8
C74.0	Cortex of adrenal gland	0	2	2
C74.9	Adrenal gland	3	3	6
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES		4	1	5
C75.0	Parathyroid gland	1	0	1
C75.1	Pituitary gland	0	1	1
C75.3	Pineal gland	2	0	2
C75.5	Paraganglion	1	0	1
C76 OTHER AND ILL-DEFINED SITES		1	3	4
C76.2	Abdomen	1	0	1
C76.3	Groin	0	2	2
C76.4	Wrist	0	1	1
C77 LYMPH NODES		106	98	204
C77.0	Lymph nodes of head, face and neck	55	42	97
C77.1	Mediastinal lymph node	11	9	20
C77.2	Intra-abdominal lymph nodes	12	19	31
C77.3	Axillary lymph node	5	6	11
C77.4	Lymph nodes, inguinal region or leg	5	10	15
C77.5	Pelvic lymph nodes	4	1	5
C77.8	Lymph nodes of multiple regions	0	1	1
C77.9	Lymph node	14	10	24
C80 UNKNOWN PRIMARY SITE		9	8	17
C80.9	Unknown primary site	9	8	17

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

ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C00 LIP						
C00.0	Upper lip			0	1	1
M	8090/3	Basal cell carcinoma		0	1	1
C00.1	Lower lip			0	1	1
M	8070/3	Squamous cell carcinoma		0	1	1
C01 BASE OF TONGUE						
C01.9	Base of tongue			4	2	6
M	8070/3	Squamous cell carcinoma		4	2	6
C02 OTHER AND UNSPECIFIED PART OF TONGUE						
C02.1	Border of tongue			3	1	4
M	8070/3	Squamous cell carcinoma		2	1	3
M	8071/3	Squamous cell carcinoma, keratinizing		1	0	1
C02.9	Tongue			10	9	19
M	8070/3	Squamous cell carcinoma		10	8	18
M	8071/3	Squamous cell carcinoma, keratinizing		0	1	1
C03 GUM						
C03.0	Upper gum			0	4	4
M	8070/3	Squamous cell carcinoma		0	2	2
M	8071/3	Squamous cell carcinoma, keratinizing		0	2	2
C03.1	Lower gum			0	1	1
M	8070/3	Squamous cell carcinoma		0	1	1
C03.9	Gum			3	0	3
M	8070/3	Squamous cell carcinoma		3	0	3
C04 FLOOR OF MOUTH						
C04.9	Floor of mouth			3	1	4
M	8070/3	Squamous cell carcinoma		3	1	4
C05 PALATE						
C05.0	Hard palate			1	0	1
M	8070/3	Squamous cell carcinoma		1	0	1
C05.1	Soft palate			5	1	6
M	8010/3	Carcinoma		1	0	1
M	8070/3	Squamous cell carcinoma		3	1	4
M	8072/3	Squamous cell carcinoma, nonkeratinizing		1	0	1
C05.2	Uvula			1	0	1
M	8070/3	Squamous cell carcinoma		1	0	1
C05.9	Palate			1	0	1
M	8070/3	Squamous cell carcinoma		1	0	1
C06 OTHER AND UNSPECIFIED PART OF MOUTH						
C06.0	Buccal mucosa			3	2	5
M	8010/3	Carcinoma		0	1	1
M	8051/3	Verrucous carcinoma		0	1	1
M	8070/3	Squamous cell carcinoma		3	0	3
C06.2	Retromolar trigone			0	1	1
M	8070/3	Squamous cell carcinoma		0	1	1
C07 PAROTID GLAND						
C07.9	Parotid gland			6	3	9
M	8140/3	Adenocarcinoma		1	0	1
M	8200/3	Adenoid cystic carcinoma		1	1	2

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8430/3	Mucoepidermoid carcinoma	3	1	4
M	8550/3	Acinar adenocarcinoma	1	1	2
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS					
C08.0	Submandibular gland		1	3	4
M	8010/3	Carcinoma	0	1	1
M	8140/3	Adenocarcinoma	1	1	2
M	8200/3	Adenoid cystic carcinoma	0	1	1
C08.1	Sublingual gland		0	1	1
M	8560/3	Adenosquamous carcinoma	0	1	1
C08.9	Salivary gland		0	1	1
M	8010/3	Carcinoma	0	1	1
C09 TONSIL					
C09.9	Tonsil		8	1	9
M	8070/3	Squamous cell carcinoma	7	1	8
M	8072/3	Squamous cell carcinoma, nonkeratinizing	1	0	1
C10 OROPHARYNX					
C10.9	Oropharynx		3	0	3
M	8010/3	Carcinoma	1	0	1
M	8070/3	Squamous cell carcinoma	2	0	2
C11 NASOPHARYNX					
C11.9	Nasopharynx		35	10	45
M	8010/3	Carcinoma	1	0	1
M	8020/3	Undifferentiated carcinoma	3	1	4
M	8070/3	Squamous carcinoma	5	2	7
M	8071/3	Keratinizing squamous cell carcinoma	0	1	1
M	8072/3	Nonkeratinizing nasopharyngeal carcinoma	25	6	31
M	8200/3	Adenoid cystic carcinoma	1	0	1
C12 PYRIFORM SINUS					
C12.9	Pyriform sinus		7	0	7
M	8070/3	Squamous cell carcinoma	7	0	7
C13 HYPOPHARYNX					
C13.9	Hypopharynx		4	2	6
M	8070/3	Squamous cell carcinoma	3	2	5
M	8071/3	Squamous cell carcinoma, keratinizing	1	0	1
C14 OTHER AND ILL-DEFINED SITES IN LIP, ORAL CAVITY AND PHARYNX					
C14.0	Pharynx		1	0	1
M	8070/3	Squamous cell carcinoma	1	0	1
C15 ESOPHAGUS					
C15.0	Cervical esophagus		1	1	2
M	8010/3	Carcinoma	1	0	1
M	8070/3	Squamous cell carcinoma	0	1	1
C15.1	Thoracic esophagus		3	0	3
M	8070/3	Squamous cell carcinoma	3	0	3
C15.3	Upper third of esophagus		1	0	1
M	8070/3	Squamous cell carcinoma	1	0	1
C15.4	Middle third of esophagus		10	0	10
M	8070/3	Squamous cell carcinoma	9	0	9
M	8071/3	Squamous cell carcinoma, keratinizing	1	0	1

ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C15.5	Lower third of esophagus			3	0	3
M	8070/3	Squamous cell carcinoma		2	0	2
M	8140/3	Adenocarcinoma		1	0	1
C15.9	Esophagus			13	3	16
M	8010/3	Carcinoma		1	1	2
M	8070/3	Squamous cell carcinoma		10	1	11
M	8076/3	Squamous cell carcinoma, microinvasive		1	0	1
M	8140/3	Adenocarcinoma		1	1	2
C16 STOMACH						
C16.0	Cardia			2	2	4
M	8140/3	Adenocarcinoma		2	2	4
C16.1	Fundus of stomach			2	2	4
M	8032/3	Spindle cell carcinoma		1	0	1
M	8140/3	Adenocarcinoma		1	0	1
M	8936/3	GIST, malignant		0	2	2
C16.2	Body of stomach			3	1	4
M	8140/3	Adenocarcinoma		1	0	1
M	8560/3	Adenosquamous carcinoma		0	1	1
M	8800/3	Mesenchymal tumor, malignant		1	0	1
M	8936/3	GIST, malignant		1	0	1
C16.3	Gastric antrum			3	4	7
M	8010/3	Carcinoma		0	1	1
M	8140/3	Adenocarcinoma		3	2	5
M	8490/3	Signet ring cell carcinoma		0	1	1
C16.9	Stomach			24	47	71
M	8010/3	Carcinoma		5	3	8
M	8071/3	Squamous cell carcinoma, keratinizing		1	0	1
M	8140/3	Adenocarcinoma		12	30	42
M	8490/3	Signet ring adenocarcinoma		4	5	9
M	8936/3	GIST, malignant		2	9	11
C17 SMALL INTESTINE						
C17.0	Duodenum			0	1	1
M	8140/3	Adenocarcinoma		0	1	1
C17.1	Jejunum			2	1	3
M	8140/3	Adenocarcinoma		1	0	1
M	8936/3	GIST, malignant		1	1	2
C17.2	Ileum			1	0	1
M	8004/3	Malignant tumor, spindle cell type		1	0	1
C17.9	Small bowel			2	2	4
M	8140/3	Adenocarcinoma		0	1	1
M	8936/3	GIST, malignant		2	1	3
C18 COLON						
C18.0	Cecum			12	11	23
M	8140/3	Adenocarcinoma		11	8	19
M	8480/3	Mucinous adenocarcinoma		1	2	3
M	8490/3	Signet ring cell carcinoma		0	1	1
C18.1	Appendix			3	6	9
M	8140/3	Adenocarcinoma		1	4	5
M	8246/3	Neuroendocrine carcinoma		1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8480/3	Mucinous carcinoma	0	2	2
M	8490/3	Signet ring cell carcinoma	1	0	1
C18.2	Ascending colon		12	20	32
M	8010/3	Carcinoma	1	0	1
M	8140/3	Adenocarcinoma	11	19	30
M	8490/3	Signet ring cell carcinoma	0	1	1
C18.3	Hepatic flexure of colon		6	11	17
M	8140/3	Adenocarcinoma	6	10	16
M	8480/3	Mucinous adenocarcinoma	0	1	1
C18.4	Transverse colon		9	14	23
M	8140/3	Adenocarcinoma	8	12	20
M	8480/3	Mucinous carcinoma	0	2	2
M	8510/3	Medullary carcinoma	1	0	1
C18.5	Splenic flexure of colon		5	3	8
M	8140/3	Adenocarcinoma	5	3	8
C18.6	Descending colon		20	6	26
M	8140/3	Adenocarcinoma	20	6	26
C18.7	Sigmoid colon		61	45	106
M	8140/3	Adenocarcinoma	59	43	102
M	8480/3	Mucinous adenocarcinoma	0	2	2
M	8490/3	Signet ring cell adenocarcinoma	2	0	2
C18.9	Colon		11	10	21
M	8010/3	Carcinoma	4	3	7
M	8140/3	Adenocarcinoma	7	7	14
C19 RECTOSIGMOID JUNCTION					
C19.9	Rectosigmoid junction		14	11	25
M	8140/3	Adenocarcinoma	14	10	24
M	8246/3	Neuroendocrine carcinoma	0	1	1
C20 RECTUM					
C20.9	Rectum		88	76	164
M	8010/3	Carcinoma	1	2	3
M	8140/3	Adenocarcinoma	85	73	158
M	8490/3	Signet ring adenocarcinoma	1	0	1
M	8936/3	GIST, malignant	1	1	2
C21 ANUS AND ANAL CANAL					
C21.0	Anus		0	1	1
M	8490/3	Adenocarcinoma, signet ring	0	1	1
C21.1	Anal canal		3	0	3
M	8070/3	Squamous cell carcinoma	2	0	2
M	8480/3	Mucinous adenocarcinoma	1	0	1
C22 LIVER AND INTRAHEPATIC BILE DUCTS					
C22.0	Liver		170	64	234
M	8010/3	Carcinoma	0	2	2
M	8140/3	Adenocarcinoma	2	1	3
M	8170/3	Hepatocellular carcinoma	163	60	223
M	8180/3	Combined hepatocellular carcinoma and cholangiocarcinoma	2	0	2
M	8970/3	Hepatoblastoma	3	1	4
C22.1	Intrahepatic bile duct		49	31	80

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8160/3	Cholangiocarcinoma	49	31	80
C23 GALLBLADDER					
C23.9	Gallbladder		1	7	8
M	8010/3	Carcinoma	0	2	2
M	8140/3	Adenocarcinoma	1	5	6
C24 OTHER AND UNSPECIFIED PART OF BILIARY TRACT					
C24.0	Common bile duct		2	5	7
M	8140/3	Adenocarcinoma	2	3	5
M	8160/3	Cholangiocarcinoma	0	1	1
M	8500/3	Duct adenocarcinoma	0	1	1
C24.1	Ampulla of Vater		6	9	15
M	8010/3	Carcinoma	1	1	2
M	8140/3	Adenocarcinoma	5	8	13
C25 PANCREAS					
C25.0	Head of pancreas		14	19	33
M	8010/3	Carcinoma	1	3	4
M	8020/3	Undifferentiated carcinoma	0	1	1
M	8140/3	Adenocarcinoma	13	14	27
M	8246/3	Neuroendocrine carcinoma	0	1	1
C25.1	Body of pancreas		1	4	5
M	8010/3	Carcinoma	1	1	2
M	8140/3	Adenocarcinoma	0	3	3
C25.2	Tail of pancreas		4	1	5
M	8010/3	Carcinomatosis	1	0	1
M	8140/3	Adenocarcinoma	3	1	4
C25.7	Neck of pancreas		1	0	1
M	8140/3	Adenocarcinoma	1	0	1
C25.8	Overl. lesion of pancreas		1	0	1
M	8140/3	Adenocarcinoma	1	0	1
C25.9	Pancreas		9	11	20
M	8010/3	Carcinoma	3	2	5
M	8140/3	Adenocarcinoma	5	6	11
M	8246/3	Neuroendocrine carcinoma	0	1	1
M	9364/3	PPNET	0	1	1
M	9473/3	PNET	1	1	2
C30 NASAL CAVITY AND MIDDLE EAR					
C30.0	Nasal cavity		7	4	11
M	8070/3	Squamous cell carcinoma	2	1	3
M	8071/3	Squamous cell carcinoma, keratinizing	1	0	1
M	8076/3	microinvasive squamous cell carcinoma	1	0	1
M	8140/3	Adenocarcinoma	0	1	1
M	8200/3	Adenoid cystic carcinoma	2	2	4
M	9522/3	Esthesioneuroblastoma	1	0	1
C31 ACCESSORY SINUSES					
C31.0	Maxillary sinus		4	2	6
M	8010/3	Carcinoma	0	1	1
M	8070/3	Squamous cell carcinoma	3	0	3
M	8200/3	Adenoid cystic carcinoma	0	1	1
M	8982/3	Myoepithelial carcinoma	1	0	1

ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
C31.1	Ethmoid sinus			0	1	1
M	8070/3	Squamous cell carcinoma		0	1	1
C32 LARYNX						
C32.0	True vocal cord			12	0	12
M	8070/2	Squamous cell carcinoma in situ		1	0	1
M	8070/3	Squamous cell carcinoma		6	0	6
M	8071/3	Squamous cell carcinoma, keratinizing		3	0	3
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing		2	0	2
C32.1	Supraglottis			7	0	7
M	8070/3	Squamous cell carcinoma		4	0	4
M	8071/3	Squamous cell carcinoma, keratinizing		2	0	2
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing		1	0	1
C32.9	Larynx			3	1	4
M	8010/3	Carcinoma		0	1	1
M	8070/3	Squamous cell carcinoma		2	0	2
M	8071/3	Squamous cell carcinoma, keratinizing		1	0	1
C34 LUNG AND BRONCHUS						
C34.1	Upper lobe, lung			92	97	189
M	8010/3	Carcinoma		2	1	3
M	8012/3	Large cell carcinoma		2	0	2
M	8041/3	Small cell carcinoma		6	2	8
M	8046/3	Non-small cell carcinoma		30	32	62
M	8070/3	Squamous cell carcinoma		5	2	7
M	8071/3	Squamous cell carcinoma, keratinizing		1	0	1
M	8140/3	Adenocarcinoma		42	58	100
M	8249/3	Atypical carcinoid		1	0	1
M	8310/3	Clear cell carcinoma		1	0	1
M	8550/3	Acinar adenocarcinoma		1	1	2
M	8560/3	Adenosquamous carcinoma		1	1	2
C34.2	Middle lobe, lung			8	17	25
M	8041/3	Small cell carcinoma		2	1	3
M	8046/3	Non-small cell carcinoma		3	3	6
M	8070/3	Squamous cell carcinoma		0	1	1
M	8140/3	Adenocarcinoma		3	12	15
C34.3	Lower lobe, lung			80	83	163
M	8010/3	Carcinoma		3	2	5
M	8041/3	Small cell carcinoma		6	0	6
M	8046/3	Non-small cell carcinoma		15	14	29
M	8070/3	Squamous cell carcinoma		12	0	12
M	8072/3	Squamous cell carcinoma, nonkeratinizing		0	1	1
M	8140/2	Adenocarcinoma in situ		0	1	1
M	8140/3	Adenocarcinoma		41	64	105
M	8200/3	Adenocystic carcinoma		1	0	1
M	8246/3	Neuroendocrine carcinoma		1	0	1
M	8249/3	Atypical carcinoid tumor		1	0	1
M	8250/3	Alveolar cell carcinoma		0	1	1
C34.8	Overl. lesion of lung			4	1	5
M	8046/3	Non-small cell carcinoma		2	0	2

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8070/3	Squamous cell carcinoma	1	0	1
M	8140/3	Adenocarcinoma	1	0	1
M	8550/3	Acinar cell carcinoma	0	1	1
C34.9	Lung		29	19	48
M	8010/3	Carcinoma	6	4	10
M	8041/3	Small cell carcinoma	3	0	3
M	8046/3	Non-small cell carcinoma	6	5	11
M	8070/3	Squamous cell carcinoma	2	0	2
M	8140/3	Adenocarcinoma	12	10	22
C37 THYMUS					
C37.9	Thymus		6	6	12
M	8580/3	Thymoma, malignant	1	0	1
M	8581/3	Thymoma, type A, malignant	0	2	2
M	8582/3	Thymoma, type AB, malignant	2	1	3
M	8583/3	Thymoma, type B1, malignant	0	1	1
M	8586/3	Thymic carcinoma	3	2	5
C38 HEART, MEDIASTINUM AND PLEURA					
C38.0	Pericardium		0	2	2
M	8032/3	Spindle cell carcinoma	0	1	1
M	8070/3	Squamous cell carcinoma	0	1	1
C38.1	Anterior mediastinum		5	2	7
M	8140/3	Adenocarcinoma	1	0	1
M	8246/3	Neuroendocrine carcinoma	2	0	2
M	8803/3	Round cell sarcoma	0	1	1
M	9061/3	Seminoma	1	0	1
M	9064/3	Germ cell tumor	1	0	1
M	9080/3	Immature teratoma	0	1	1
C38.3	Mediastinum		1	1	2
M	8041/3	Small cell carcinoma	1	0	1
M	9064/3	Germ cell tumor	0	1	1
C38.4	Pleura		0	1	1
M	8815/3	Solitary fibrous tumor, malignant	0	1	1
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS					
C40.0	Scapula		0	1	1
M	9180/3	Osteosarcoma	0	1	1
C40.2	Long bones of lower limb and associated joints		1	3	4
M	9180/3	Osteosarcoma	1	2	3
M	9250/3	Giant cell tumor of bone, malignant	0	1	1
C41 BONES, JOINTS AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES					
C41.0	Bones of skull and face and associated joints		3	2	5
M	9220/3	Chondrosarcoma	0	1	1
M	9260/3	Ewing sarcoma	1	0	1
M	9370/3	Chordoma	1	1	2
M	9753/3	Langerhans cell histiocytosis, multifocal	1	0	1
C41.2	Vertebral column		0	1	1
M	9370/3	Chordoma	0	1	1
C41.4	Coccyx		1	0	1
M	9260/3	Ewing sarcoma	1	0	1
C41.9	Bone		0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9180/3	Osteosarcoma	0	1	1
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS					
C42.1	Bone marrow		125	97	222
M	9731/3	Plasmacytoma	0	2	2
M	9732/3	Multiple myeloma	17	22	39
M	9761/3	Waldenstrom macroglobulinemia	1	0	1
M	9800/3	Leukemia	2	0	2
M	9823/3	Chronic lymphatic leukemia	5	3	8
M	9826/3	Acute lymphoblastic leukemia, mature, B-cell type	3	0	3
M	9835/3	Acute lymphatic leukemia	13	4	17
M	9836/3	Precursor B cell lymphoblastic leukemia	1	3	4
M	9837/3	Pre-T- ALL	0	1	1
M	9860/3	Chronic monocytic leukemia	3	0	3
M	9861/3	Acute myeloid leukemia	17	13	30
M	9863/3	Chronic myeloid leukemia	10	5	15
M	9866/3	Acute promyelocytic leukemia	2	0	2
M	9867/3	Acute myelomonocytic leukemia	1	0	1
M	9872/3	Acute myeloblastic leukemia	3	3	6
M	9945/3	Chronic myelomonocytic leukemia	1	1	2
M	9950/3	Polycythemia vera	2	7	9
M	9962/3	Essential thrombocythemia	8	13	21
M	9989/3	Myelodysplastic syndrome	36	20	56
C44 SKIN					
C44.0	Skin of lip		2	3	5
M	8070/3	Squamous cell carcinoma	1	0	1
M	8090/3	Basal cell carcinoma	1	1	2
M	8720/3	Malignant melanoma	0	2	2
C44.1	Eyelid		5	5	10
M	8070/3	Squamous cell carcinoma	1	1	2
M	8090/3	Basal cell carcinoma	2	4	6
M	8410/3	Sebaceous carcinoma	1	0	1
M	8480/3	Mucinous carcinoma	1	0	1
C44.2	External ear		5	8	13
M	8070/3	Squamous cell carcinoma	3	2	5
M	8071/3	Squamous cell carcinoma, keratinizing	0	1	1
M	8090/3	Basal cell carcinoma	2	5	7
C44.3	Skin, other and unspecified parts of face		22	30	52
M	8070/2	Squamous cell carcinoma in situ	0	1	1
M	8070/3	Squamous cell carcinoma	3	2	5
M	8081/2	Bowen disease	2	2	4
M	8090/3	Basal cell carcinoma	15	23	38
M	8097/3	Basal cell carcinoma, nodular	0	1	1
M	8720/3	Mucosal malignant melanoma	1	1	2
M	8832/3	Dermatofibrosarcoma	1	0	1
C44.4	Skin of head		13	8	21
M	8070/3	Squamous cell carcinoma	7	2	9
M	8081/2	Bowen disease	1	1	2
M	8090/3	Basal cell carcinoma	0	3	3

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8110/3	Pilomatrical carcinoma	1	0	1
M	8410/3	Sebaceous carcinoma	1	0	1
M	8720/3	Malignant melanoma	2	1	3
M	8832/3	Dermatofibrosarcoma	0	1	1
M	9700/3	Mycosis fungoides	1	0	1
C44.5	Skin of trunk		8	15	23
M	8051/3	Verrucous carcinoma	0	1	1
M	8070/3	Squamous cell carcinoma	1	3	4
M	8090/3	Basal cell carcinoma	4	2	6
M	8410/3	Sebaceous carcinoma	0	1	1
M	8720/3	Malignant melanoma	2	2	4
M	8832/3	Dermatofibrosarcoma	0	1	1
M	9700/3	Mycosis fungoides	1	5	6
C44.6	Skin of upper limb		12	12	24
M	8070/3	Squamous cell carcinoma	2	6	8
M	8071/3	Squamous cell carcinoma, keratinizing	0	1	1
M	8081/2	Bowen disease	1	0	1
M	8090/3	Basal cell carcinoma	4	1	5
M	8247/3	Merkel cell carcinoma	0	1	1
M	8720/2	Melanoma in situ	0	1	1
M	8720/3	Malignant melanoma	1	2	3
M	8832/3	Dermatofibrosarcoma	2	0	2
M	9700/3	Mycosis fungoides	2	0	2
C44.7	Skin of lower limb and hip		8	12	20
M	8070/3	Squamous cell carcinoma	4	2	6
M	8071/3	Keratinizing squamous cell carcinoma	0	2	2
M	8720/2	Melanoma in situ	0	1	1
M	8720/3	Malignant melanoma	3	6	9
M	9700/3	Mycosis fungoides	1	1	2
C44.8	Overl. lesion of skin		2	0	2
M	8070/3	Squamous cell carcinoma	1	0	1
M	8090/3	Basal cell carcinoma	1	0	1
C44.9	Skin		0	4	4
M	8081/2	Bowen disease	0	1	1
M	8542/3	Extramammary Paget disease	0	1	1
M	9700/3	Mycosis fungoides	0	2	2
C47 PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM					
C47.9	Parasympathetic nervous system		0	1	1
M	9490/3	Ganglioneuroblastoma	0	1	1
C48 RETROPERITONEUM AND PERITONEUM					
C48.0	Retroperitoneum		0	1	1
M	8032/3	Spindle cell carcinoma	0	1	1
C48.2	Peritoneum		1	6	7
M	8010/3	Carcinoma	0	3	3
M	8140/3	Adenocarcinoma	0	2	2
M	8441/3	Serous carcinoma	0	1	1
M	9050/3	Mesothelioma, malignant	1	0	1
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES					
C49.0	Soft tissues of head, face, and neck		2	4	6

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8800/3	Sarcoma	1	0	1
M	8810/3	Adult fibrosarcoma	0	1	1
M	8811/3	Low grade fibromyxoid sarcoma hyalinizing spindle cell tumor	0	1	1
M	8851/3	Liposarcoma, well differentiated	1	0	1
M	8858/3	Dedifferentiated liposarcoma	0	1	1
M	8901/3	Pleomorphic rhabdomyosarcoma	0	1	1
C49.1	Soft tissues of upper limb and shoulder		3	4	7
M	8811/3	Myxofibrosarcoma	1	3	4
M	8830/3	Undifferentiated pleomorphic sarcoma	0	1	1
M	8850/3	Liposarcoma	1	0	1
M	8890/3	Leiomyosarcoma	1	0	1
C49.2	Soft tissues of lower limb and hip		3	12	15
M	8800/3	Sarcoma	0	1	1
M	8810/3	Fibrosarcoma	0	1	1
M	8811/3	Myxofibrosarcoma	1	2	3
M	8830/3	Undifferentiated pleomorphic sarcoma	0	3	3
M	8850/3	Liposarcoma	0	3	3
M	8852/3	Myxoid liposarcoma	1	0	1
M	8854/3	Pleomorphic liposarcoma	0	1	1
M	8890/3	Leiomyosarcoma	0	1	1
M	9251/3	Malignant giant cell tumor of soft parts	1	0	1
C49.3	Soft tissues of thorax		2	0	2
M	8800/3	Sarcoma	1	0	1
M	8858/3	Dedifferentiated liposarcoma	1	0	1
C49.4	Soft tissues of abdominal wall		7	2	9
M	8800/3	Sarcoma	1	1	2
M	8803/3	Round cell sarcoma	1	0	1
M	8806/3	Desmoplastic small round cell tumor	1	0	1
M	8814/3	Infantile fibrosarcoma	1	0	1
M	8850/3	Liposarcoma	1	1	2
M	8858/3	Dedifferentiated liposarcoma	1	0	1
M	9040/3	Synovial sarcoma	1	0	1
C49.5	Soft tissues of pelvis		2	3	5
M	8803/3	Round cell sarcoma	1	0	1
M	8854/3	Pleomorphic liposarcoma	0	2	2
M	8890/3	Leiomyosarcoma	1	1	2
C49.6	Connective, subcutaneous and other soft tissues of trunk		1	2	3
M	8830/3	Undifferentiated pleomorphic sarcoma with giant cells	0	2	2
M	8854/3	Pleomorphic liposarcoma	1	0	1
C50 BREAST					
C50.0	Nipple		0	12	12
M	8010/3	Carcinoma	0	1	1
M	8500/3	Infiltrating duct carcinoma	0	10	10
M	8540/3	Paget disease of the nipple	0	1	1
C50.1	Central portion of breast		0	50	50
M	8246/3	Neuroendocrine carcinoma	0	1	1
M	8480/3	Mucinous carcinoma	0	1	1
M	8500/2	Intraductal carcinoma, noninfiltrating	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8500/3	Infiltrating duct carcinoma	0	44	44
M	8520/3	Invasive lobular carcinoma	0	1	1
M	8540/3	Paget disease of breast	0	1	1
M	9020/3	Phyllodes tumor, malignant	0	1	1
C50.2	Upper-inner quadrant of breast		0	97	97
M	8500/2	DCIS	0	7	7
M	8500/3	Infiltrating duct carcinoma	0	88	88
M	8504/3	Intracystic papillary adenocarcinoma	0	1	1
M	8520/3	Invasive lobular carcinoma	0	1	1
C50.3	Lower-inner quadrant of breast		0	28	28
M	8500/2	DCIS	0	6	6
M	8500/3	Infiltrating duct carcinoma	0	22	22
C50.4	Upper-outer quadrant of breast		1	306	307
M	8200/3	Adenoid cystic carcinoma	0	1	1
M	8480/3	Mucinous carcinoma	0	3	3
M	8500/2	DCIS	0	44	44
M	8500/3	Infiltrating duct carcinoma	1	252	253
M	8503/2	Intraductal papillary carcinoma	0	1	1
M	8503/3	Invasive papillary carcinoma	0	1	1
M	8504/3	Intracystic papillary adenocarcinoma	0	1	1
M	8520/3	Infiltrating lobular carcinoma NOS	0	2	2
M	8523/3	Infiltrating duct and mucinous carcinoma	0	1	1
C50.5	Lower-outer quadrant of breast		0	33	33
M	8500/2	DCIS	0	3	3
M	8500/3	Infiltrating duct carcinoma	0	30	30
C50.6	Axillary tail of breast		0	7	7
M	8140/3	Adenocarcinoma	0	1	1
M	8500/3	Infiltrating duct carcinoma	0	5	5
M	8507/3	Invasive micropapillary carcinoma	0	1	1
C50.8	Overl. lesion of breast		0	15	15
M	8500/2	Ductal carcinoma in situ NOS	0	1	1
M	8500/3	Infiltrating duct carcinoma	0	14	14
C50.9	Breast		2	145	147
M	8010/3	Carcinoma	0	18	18
M	8480/3	Mucinous carcinoma	0	1	1
M	8500/2	DCIS	0	6	6
M	8500/3	Infiltrating duct carcinoma	2	119	121
M	9020/3	Phyllodes tumor, malignant	0	1	1
C51 VULVA					
C51.8	Overl. lesion of vulva		0	1	1
M	8070/3	Squamous cell carcinoma	0	1	1
C51.9	Vulva		0	3	3
M	8070/3	Squamous cell carcinoma	0	1	1
M	8072/3	Squamous cell carcinoma, nonkeratinizing	0	1	1
M	8140/3	Adenocarcinoma	0	1	1
C52 VAGINA					
C52.9	Vagina		0	3	3
M	8070/3	Squamous cell carcinoma	0	1	1
M	8140/3	Adenocarcinoma	0	1	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8930/3	Endometrial stromal sarcoma, high grade	0	1	1
C53 CERVIX UTERI					
C53.0	Endocervix		0	21	21
M	8140/3	Adenocarcinoma	0	19	19
M	8262/3	Villoglandular adenocarcinoma	0	2	2
C53.1	Exocervix		0	60	60
M	8070/3	Squamous cell carcinoma	0	40	40
M	8071/3	Squamous cell carcinoma, keratinizing	0	5	5
M	8072/3	Squamous cell carcinoma, large cell, nonkeratinizing	0	14	14
M	8076/3	microinvasive squamous cell carcinoma	0	1	1
C53.8	Cervical stump		0	1	1
M	8560/3	Adenosquamous carcinoma	0	1	1
C53.9	Cervix		0	7	7
M	8010/3	Carcinoma	0	6	6
M	8041/3	Small cell neuroendocrine carcinoma	0	1	1
C54 CORPUS UTERI					
C54.1	Endometrium		0	117	117
M	8010/3	Carcinoma	0	3	3
M	8041/3	Small cell carcinoma	0	1	1
M	8140/3	Adenocarcinoma	0	9	9
M	8310/3	Clear cell adenocarcinoma	0	6	6
M	8380/3	Endometrioid adenocarcinoma	0	82	82
M	8441/3	Serous adenocarcinoma	0	8	8
M	8460/3	Micropapillary serous carcinoma	0	1	1
M	8930/3	Endometrial stromal sarcoma	0	1	1
M	8931/3	Endometrial stromal sarcoma, low grade	0	1	1
M	8933/3	Adenosarcoma	0	1	1
M	8980/3	Carcinosarcoma	0	4	4
C54.2	Myometrium		0	2	2
M	8890/3	Leiomyosarcoma	0	1	1
M	8931/3	Endometrioid stromal sarcoma, low grade	0	1	1
C54.9	Corpus uteri		0	5	5
M	8010/3	Carcinoma	0	1	1
M	8041/3	Round cell carcinoma	0	1	1
M	8380/3	Endometrioid adenocarcinoma	0	3	3
C55 UTERUS					
C55.9	Uterus		0	3	3
M	8020/3	Undifferentiated carcinoma	0	1	1
M	8931/3	Endometrioid stromal sarcoma, low grade	0	1	1
M	8980/3	Carcinosarcoma	0	1	1
C56 OVARY					
C56.9	Ovary		0	73	73
M	8010/3	Carcinoma	0	11	11
M	8070/3	Squamous cell carcinoma	0	3	3
M	8076/3	microinvasive squamous cell carcinoma	0	1	1
M	8140/3	Adenocarcinoma	0	10	10
M	8310/3	Clear cell adenocarcinoma	0	17	17
M	8380/3	Endometrioid adenocarcinoma	0	5	5

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8440/3	Cystadenocarcinoma	0	1	1
M	8441/3	Serous adenocarcinoma	0	14	14
M	8480/3	Mucinous carcinoma	0	5	5
M	8620/3	Granulosa cell tumor, malignant	0	1	1
M	9060/3	Dysgerminoma	0	1	1
M	9071/3	Yolk sac tumor	0	1	1
M	9080/3	Immature teratoma	0	2	2
M	9120/3	Angiosarcoma	0	1	1
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS					
C57.0	Fallopian tube		0	2	2
M	8441/3	Serous carcinoma	0	2	2
C58 PLACENTA					
C58.9	Placenta		0	1	1
M	9100/3	Choriocarcinoma	0	1	1
C60 PENIS					
C60.1	Glans penis		1	0	1
M	8070/3	Squamous cell carcinoma	1	0	1
C60.9	Penis		6	0	6
M	8070/3	Squamous cell carcinoma	6	0	6
C61 PROSTATE GLAND					
C61.9	Prostate		294	0	294
M	8010/3	Carcinoma	2	0	2
M	8140/3	Adenocarcinoma	281	0	281
M	8550/3	Acinar adenocarcinoma	11	0	11
C62 TESTIS					
C62.9	Testis		11	0	11
M	8010/3	Carcinoma	1	0	1
M	9061/3	Seminoma	5	0	5
M	9064/3	Germ cell tumor	2	0	2
M	9065/3	Germ cell tumor, nonseminomatous	1	0	1
M	9085/3	Mixed germ cell tumor	2	0	2
C64 KIDNEY					
C64.9	Kidney		63	39	102
M	8120/3	Transition cell carcinoma	5	4	9
M	8130/3	Papillary transitional cell carcinoma	2	0	2
M	8310/3	Clear cell adenocarcinoma	11	8	19
M	8312/3	Renal cell carcinoma	44	27	71
M	8960/3	Wilms tumor	1	0	1
C65 RENAL PELVIS					
C65.9	Renal pelvis		4	3	7
M	8120/3	Transition cell carcinoma	3	3	6
M	8130/3	Papillary transitional cell carcinoma	1	0	1
C66 URETER					
C66.9	Ureter		5	8	13
M	8120/3	Transition cell carcinoma	5	8	13
C67 BLADDER					
C67.0	Trigone of urinary bladder		2	0	2
M	8120/3	Urothelial carcinoma	2	0	2
C67.1	Dome of urinary bladder		2	0	2

ICD-O SITE AND HISTOPATHOLOGY				Male	Female	Total
M	8010/3	Carcinoma		1	0	1
M	8120/3	Transitional cell carcinoma		1	0	1
C67.2	Lateral wall of urinary bladder			1	1	2
M	8120/3	Transition cell carcinoma		1	1	2
C67.7	Urachus			1	0	1
M	8480/3	Mucinous adenocarcinoma		1	0	1
C67.9	Bladder			62	26	88
M	8010/3	Carcinoma		3	2	5
M	8070/3	Squamous cell carcinoma		1	1	2
M	8120/3	Infiltrating urothelial carcinoma		50	20	70
M	8130/3	Papillary transitional cell carcinoma		6	2	8
M	8140/3	Adenocarcinoma		2	1	3
C68 OTHER AND UNSPECIFIED URINARY ORGANS						
C68.0	Urethra			0	1	1
M	8310/3	Clear cell adenocarcinoma		0	1	1
C69 EYE AND ADNEXA						
C69.0	Conjunctiva			0	2	2
M	8720/3	Malignant melanoma		0	2	2
C69.2	Retina			6	6	12
M	9510/3	Retinoblastoma		6	6	12
C69.3	Choroid			3	7	10
M	8720/3	Malignant melanoma		3	7	10
C69.4	Iris			0	1	1
M	8720/2	Melanoma in situ		0	1	1
C69.5	Lacrimal gland			1	0	1
M	8140/3	Adenocarcinoma		1	0	1
C71 BRAIN						
C71.0	Thalamus			1	1	2
M	9380/3	Glioma, malignant		0	1	1
M	9440/3	Glioblastoma		1	0	1
C71.1	Frontal lobe			7	5	12
M	9380/3	Glioma, malignant		2	0	2
M	9382/3	Anaplastic oligoastrocytoma		0	1	1
M	9440/3	Glioblastoma		3	4	7
M	9450/3	Oligodendroglioma		2	0	2
C71.2	Temporal lobe			2	1	3
M	9440/3	Glioblastoma		1	0	1
M	9450/3	Oligodendroglioma		1	1	2
C71.3	Parietal lobe			1	2	3
M	9380/3	Glioma, malignant		0	1	1
M	9440/3	Glioblastoma		1	1	2
C71.4	Occipital lobe			0	1	1
M	9440/3	Glioblastoma		0	1	1
C71.5	Ventricle			0	1	1
M	9470/3	Medulloblastoma		0	1	1
C71.6	Cerebellum			3	2	5
M	9380/3	Glioma, malignant		0	1	1
M	9440/3	Glioblastoma		2	0	2

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9470/3	Medulloblastoma	1	1	2
C71.7	Brain stem		3	3	6
M	9380/3	Glioma, malignant	0	1	1
M	9382/3	Mixed glioma	2	0	2
M	9391/3	Ependymoma	0	1	1
M	9440/3	Glioblastoma	1	0	1
M	9470/3	Medulloblastoma	0	1	1
C71.8	Overl. lesion of brain		1	0	1
M	9440/3	Glioblastoma	1	0	1
C71.9	Brain		4	2	6
M	9064/3	Germ cell tumor	2	0	2
M	9380/3	Glioma, malignant	0	1	1
M	9382/3	Oligoastrocytoma	0	1	1
M	9391/3	Ependymoma	1	0	1
M	9451/3	Oligodendroglioma, anaplastic	1	0	1
C72 SPINAL CORD, CRANIAL NERVES, AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM					
C72.0	Spinal cord		1	0	1
M	9508/3	Atypical teratoid/rhabdoid tumor	1	0	1
C72.3	Optic nerve		0	2	2
M	9380/3	Glioma, malignant	0	2	2
C72.9	Central nervous system		0	1	1
M	9382/3	Oligoastrocytoma	0	1	1
C73 THYROID GLAND					
C73.9	Thyroid		46	223	269
M	8010/3	Carcinoma	0	3	3
M	8021/3	Anaplastic carcinoma	1	3	4
M	8260/3	Papillary carcinoma of thyroid	32	194	226
M	8290/3	Hurthle cell carcinoma	0	3	3
M	8330/3	Follicular carcinoma	7	9	16
M	8340/3	Papillary carcinoma, follicular variant	0	2	2
M	8341/3	Papillary microcarcinoma	4	9	13
M	8343/3	Papillary carcinoma, encapsulate	1	0	1
M	8345/3	Medullary carcinoma of thyroid	1	0	1
C74 ADRENAL GLAND					
C74.0	Cortex of adrenal gland		0	2	2
M	8370/3	Adrenal cortical carcinoma	0	1	1
M	9500/3	Neuroblastoma	0	1	1
C74.9	Adrenal gland		3	3	6
M	8370/3	Adrenal cortical carcinoma	0	1	1
M	9364/3	PPNET	0	1	1
M	9500/3	Neuroblastoma	3	1	4
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES					
C75.0	Parathyroid gland		1	0	1
M	8140/3	Adenocarcinoma	1	0	1
C75.1	Pituitary gland		0	1	1
M	8272/3	Pituitary carcinoma	0	1	1
C75.3	Pineal gland		2	0	2
M	9064/3	Germinoma	2	0	2
C75.5	Paraganglion		1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	8680/3	Paranglioma, malignant	1	0	1
C76 OTHER AND ILL-DEFINED SITES					
C76.2	Abdomen		1	0	1
M	8246/3	Neuroendocrine carcinoma	1	0	1
C76.3	Groin		0	2	2
M	8010/3	Carcinoma	0	1	1
M	8072/3	Squamous cell carcinoma, nonkeratinizing	0	1	1
C76.4	Wrist		0	1	1
M	8010/3	Carcinoma	0	1	1
C77 LYMPH NODES					
C77.0	Lymph nodes of head, face and neck		55	42	97
M	9590/3	Malignant lymphoma	2	1	3
M	9591/3	B cell lymphoma	6	8	14
M	9650/3	Hodgkin lymphoma	5	3	8
M	9651/3	Classical Hodgkin lymphoma, lymphocyte-rich	1	0	1
M	9659/3	Hodgkin lymphoma, nodular lymphocyte predominance	1	0	1
M	9663/3	Classical Hodgkin lymphoma, nodular sclerosis	3	2	5
M	9670/3	Malignant lymphoma, small lymphocytic	0	1	1
M	9673/3	Mantle zone lymphoma	2	0	2
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	18	21	39
M	9687/3	Burkitt lymphoma	2	0	2
M	9690/3	Follicular lymphoma	1	1	2
M	9698/3	Follicular lymphoma, grade 3	0	3	3
M	9699/3	MALT lymphoma	7	1	8
M	9702/3	Peripheral T-cell lymphoma	3	0	3
M	9719/3	NK/T-cell lymphoma, nasal and nasal-type	4	1	5
C77.1	Mediastinal lymph node		11	9	20
M	9590/3	Malignant lymphoma	0	1	1
M	9591/3	Malignant lymphoma, non-Hodgkin	1	0	1
M	9650/3	Hodgkin lymphoma	2	2	4
M	9679/3	Mediastinal large B-cell lymphoma	1	0	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	4	5	9
M	9684/3	Plasmablastic lymphoma	1	0	1
M	9714/3	Anaplastic large cell lymphoma	2	0	2
M	9729/3	T-lymphoblastic lymphoma	0	1	1
C77.2	Intra-abdominal lymph nodes		12	19	31
M	9591/3	Non-Hodgkin lymphoma	1	3	4
M	9663/3	Hodgkin lymphoma, nodular sclerosis	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	9	8	17
M	9689/3	Splenic marginal zone lymphoma	0	1	1
M	9690/3	Follicular lymphoma	0	2	2
M	9695/3	Follicular lymphoma, grade 1	0	1	1
M	9699/3	MALT lymphoma	0	3	3
M	9717/3	Enteropathy type intestinal T-cell lymphoma	1	0	1
M	9718/3	Primary cutaneous CD30+ large T-cell lymphoma	1	0	1
C77.3	Axillary lymph node		5	6	11
M	9591/3	Non-Hodgkin lymphoma	0	1	1
M	9650/3	Hodgkin lymphoma	1	0	1

ICD-O SITE AND HISTOPATHOLOGY			Male	Female	Total
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	3	4	7
M	9691/3	Follicular lymphoma, grade 2	0	1	1
M	9714/3	Anaplastic large cell lymphoma	1	0	1
C77.4	Lymph nodes, inguinal region or leg		5	10	15
M	9591/3	Malignant lymphoma, non-Hodgkin	1	0	1
M	9650/3	Hodgkin lymphoma	1	0	1
M	9673/3	Mantle zone lymphoma	0	1	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	1	8	9
M	9690/3	Follicular lymphoma	0	1	1
M	9705/3	Angioimmunoblastic T-cell lymphoma	1	0	1
M	9708/3	Subcutaneous panniculitis-like T-cell lymphoma	1	0	1
C77.5	Pelvic lymph nodes		4	1	5
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	3	0	3
M	9684/3	Plasmablastic lymphoma	1	0	1
M	9708/3	Subcutaneous panniculitis-like T-cell lymphoma	0	1	1
C77.8	Lymph nodes of multiple regions		0	1	1
M	9663/3	Hodgkin lymphoma, nodular sclerosis	0	1	1
C77.9	Lymph node		14	10	24
M	9590/3	Lymphoma	1	1	2
M	9591/3	Malignant lymphoma, non-Hodgkin	1	2	3
M	9651/3	Classical Hodgkin lymphoma, lymphocyte-rich	1	0	1
M	9673/3	Mantle cell lymphoma	1	0	1
M	9680/3	Diffuse large B-cell lymphoma (DLBCL)	3	4	7
M	9687/3	Burkitt lymphoma	1	1	2
M	9699/3	Marginal zone B-cell lymphoma	5	1	6
M	9702/3	Peripheral T-cell lymphoma	1	0	1
M	9729/3	T-lymphoblastic lymphoma	0	1	1
C80 UNKNOWN PRIMARY SITE					
C80.9	Unknown primary site		9	8	17
M	8010/3	Carcinoma	3	3	6
M	8070/3	Squamous cell carcinoma	0	1	1
M	8140/3	Adenocarcinoma	3	4	7
M	8246/3	Neuroendocrine carcinoma	2	0	2
M	8815/3	Solitary fibrous tumor, malignant	1	0	1

CHAPTER V
THE MOST COMMON CANCER SITES

BREAST

COLORECTAL

LUNG AND BRONCHUS

LIVER AND INTRAHEPATIC BILE DUCTS

PROSTATE GLAND

THYROID GLAND

CHILDHOOD CANCER

BREAST

Table 5.1 Age and gender of breast cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	55.3 (12.6)
Median and range age at diagnosis	54.5 (23:95)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	3 (0.4%)
Female	693 (99.6%)
Sex ratio (male: female)	0.0:1

Table 5.2 Most valid method of diagnosis for breast cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	3	100.0	693	100.0	696	100.0
Total	3	100.0	693	100.0	696	100.0

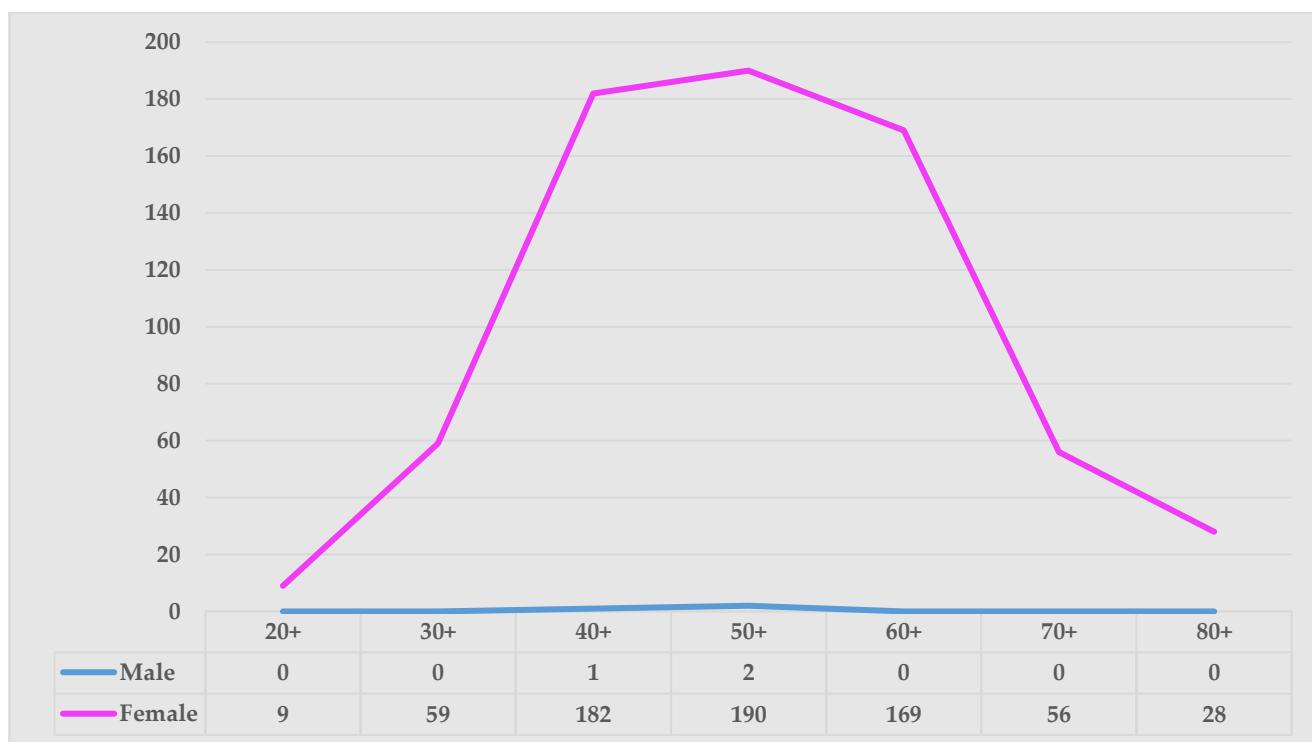


Figure 5.1 Age at diagnosis of breast cancer, 2021, by sex.

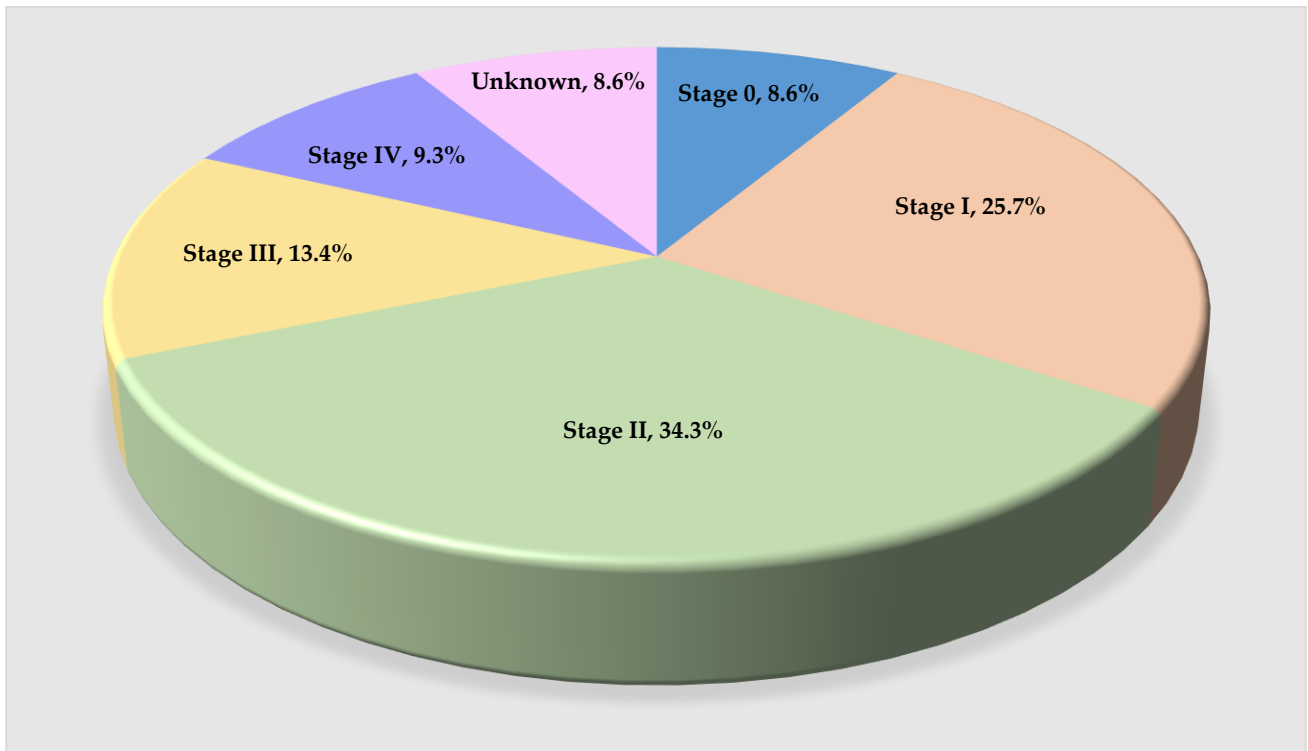


Figure 5.2 Distribution of staging for breast cancer.

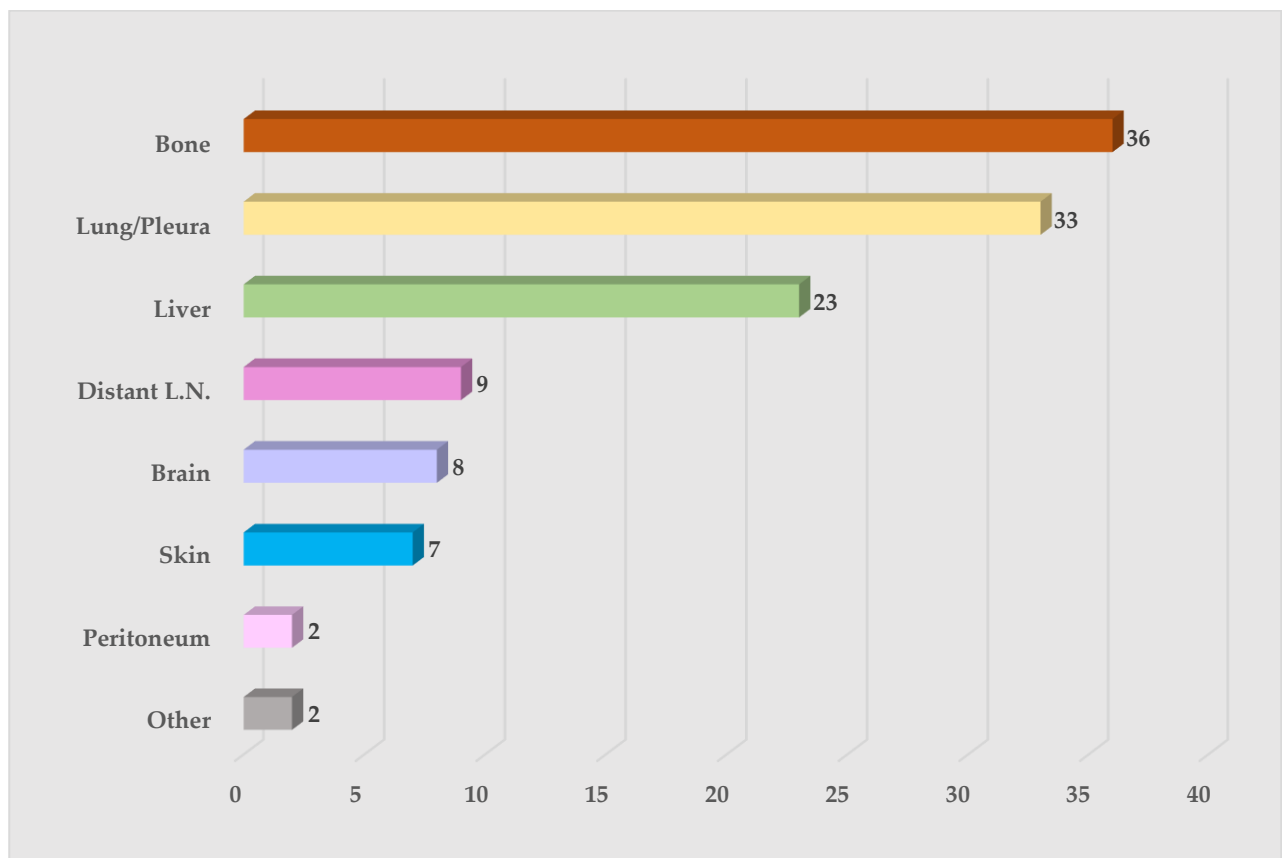


Figure 5.3 Distribution of metastasis for breast cancer.

COLORECTAL

Table 5.3 Age and gender of colorectal cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	65.3 (12.9)
Median and range age at diagnosis	66.0 (23:104)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	241 (53.1%)
Female	213 (46.9%)
Sex ratio (male: female)	1.13:1

Table 5.4 Most valid method of diagnosis for colorectal cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	241	100.0	213	100.0	454	100.0
Total	241	100.0	213	100.0	454	100.0

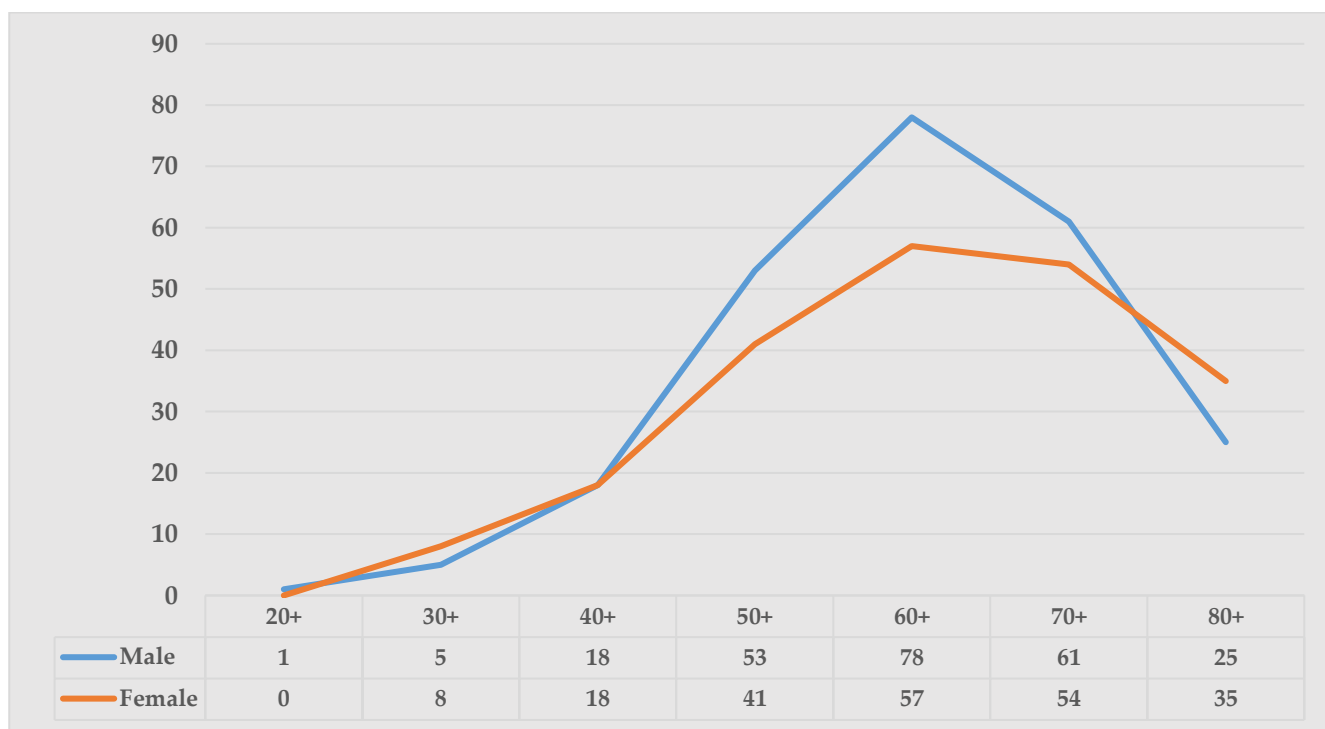


Figure 5.4 Age at diagnosis of colorectal cancer, 2021, by sex.

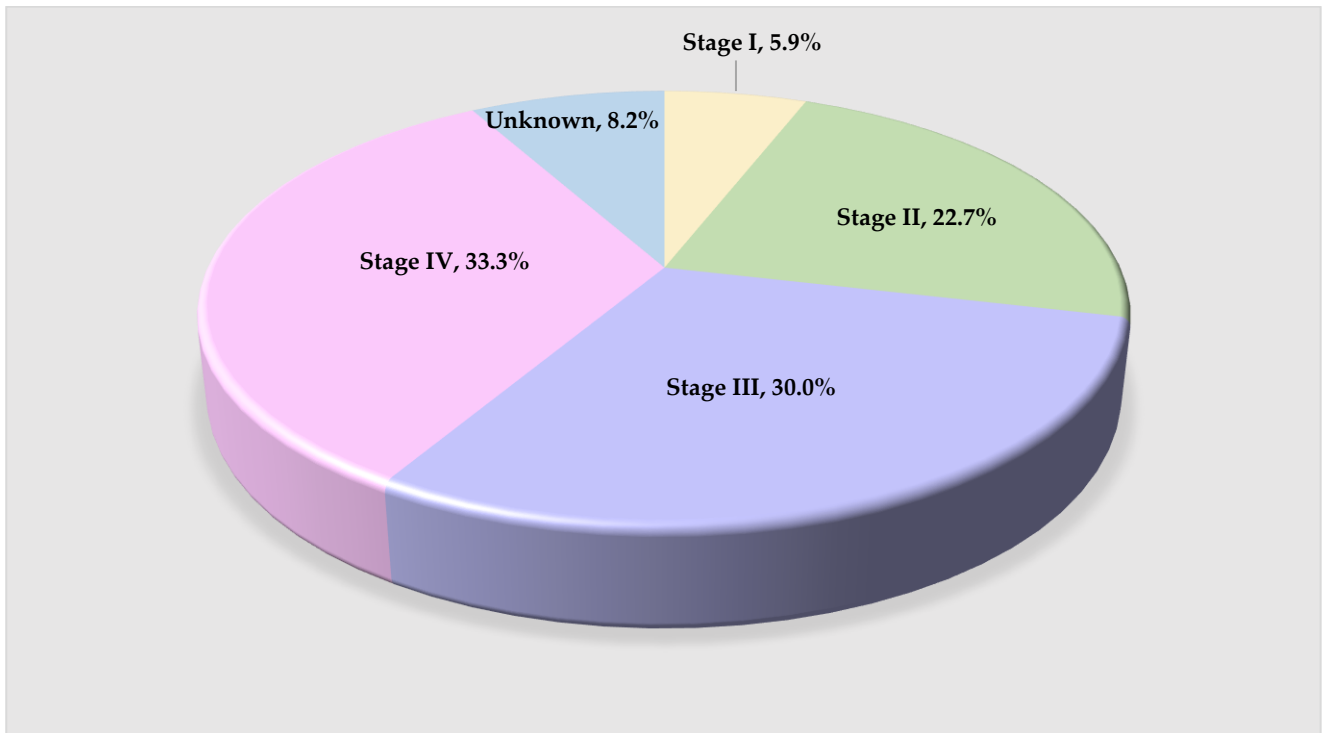


Figure 5.5 Distribution of staging for colorectal cancer.

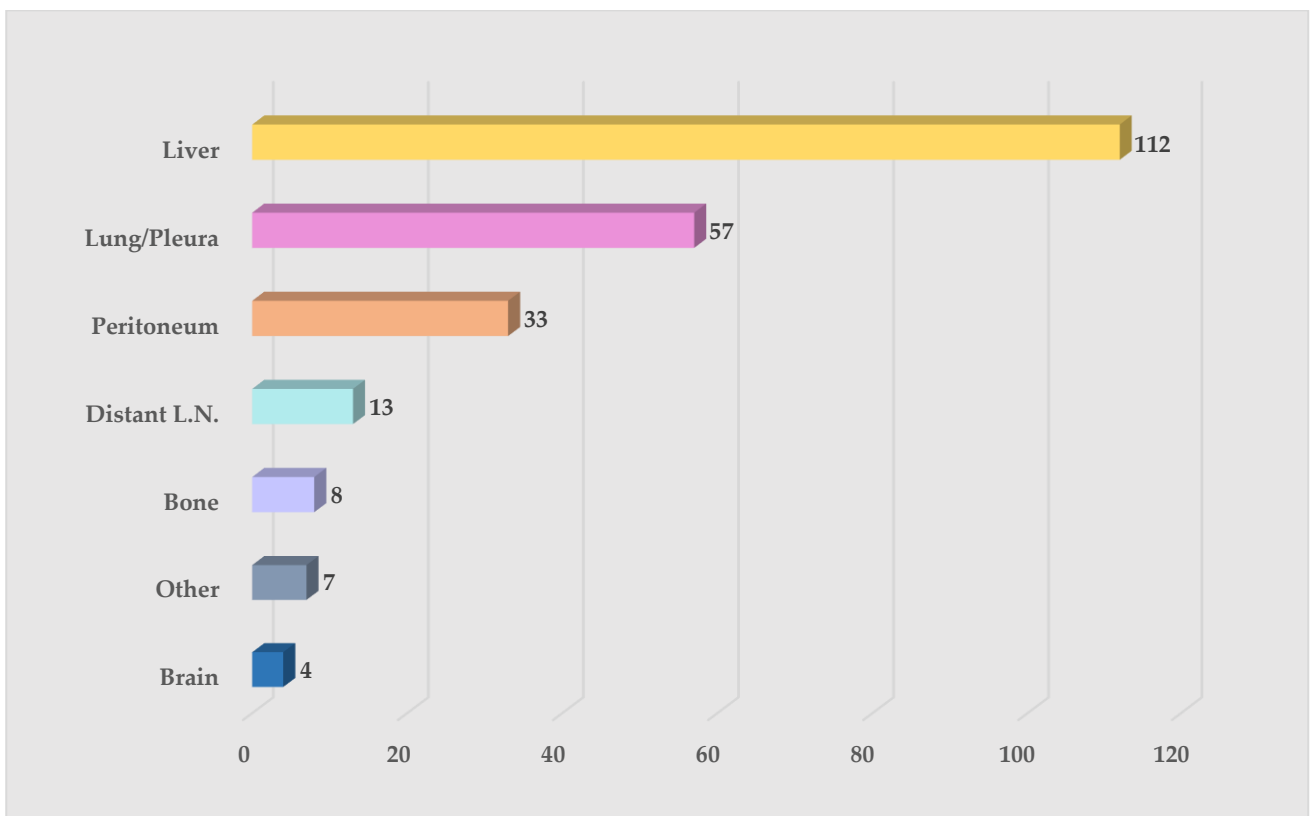


Figure 5.6 Distribution of metastasis for colorectal cancer.

LUNG AND BRONCHUS

Table 5.5 Age and gender of lung cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	66.2 (11.2)
Median and range age at diagnosis	67.0 (27:91)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	213 (49.5%)
Female	217 (50.5%)
Sex ratio (male: female)	0.98:1

Table 5.6 Most valid method of diagnosis for lung cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical investigation/imaging	2	0.9	3	1.4	5	1.2
Histology of primary	211	99.1	214	98.6	425	98.8
Total	213	100.0	217	100.0	430	100.0

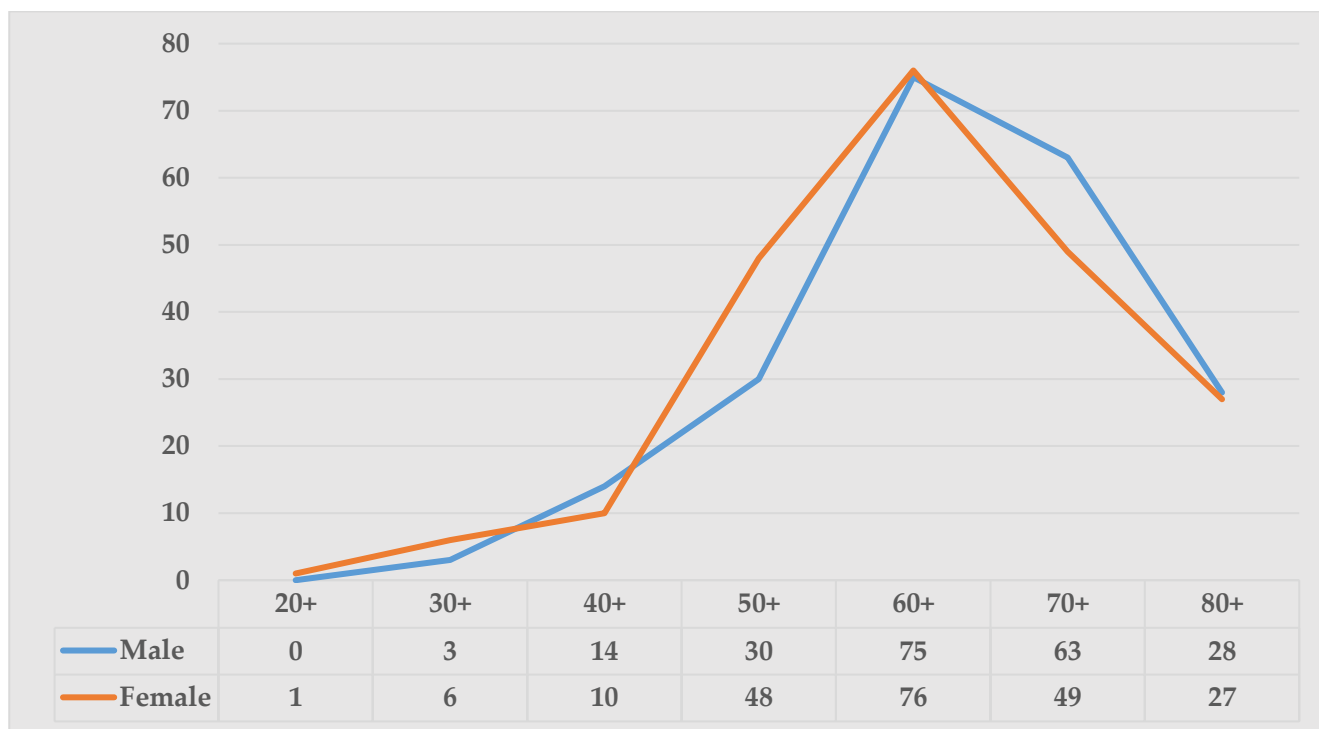


Figure 5.7 Age at diagnosis of lung cancer, 2021, by sex.

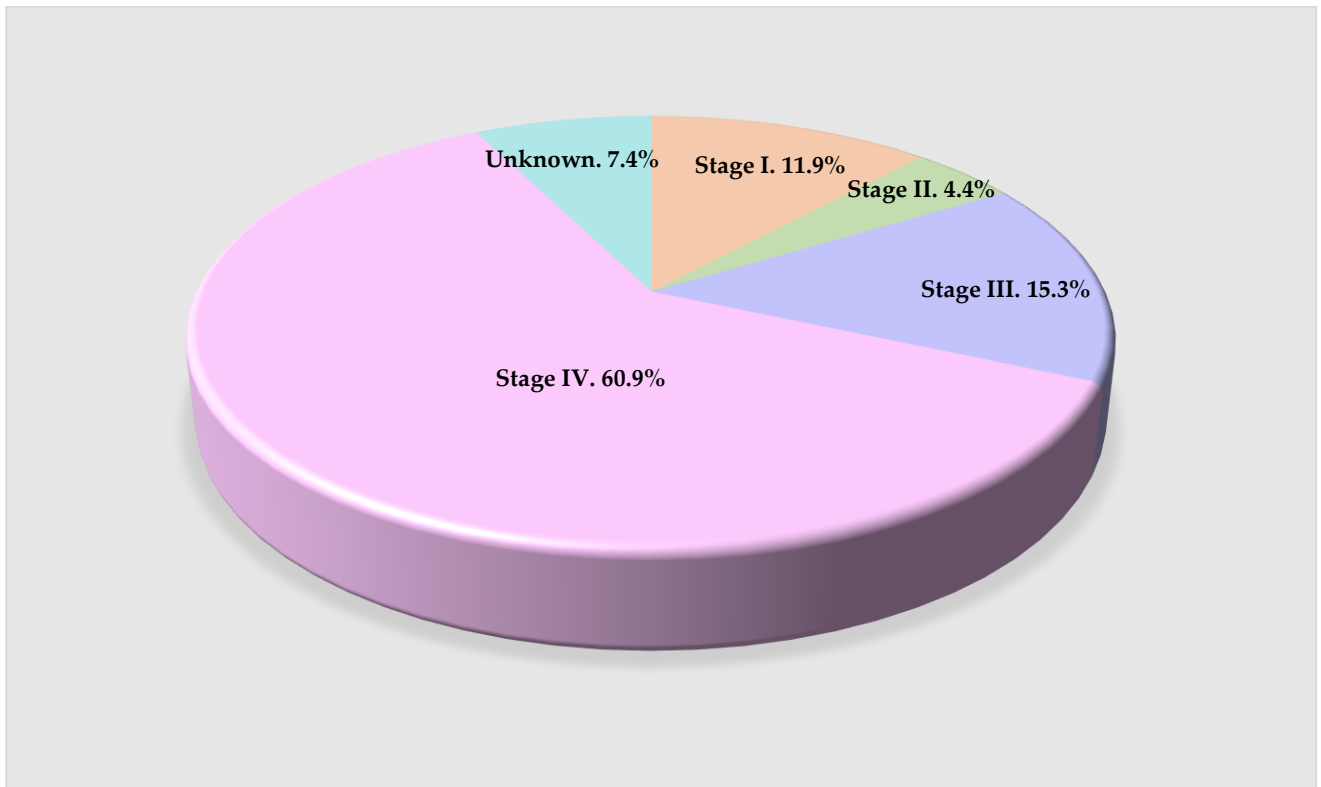


Figure 5.8 Distribution of staging for lung cancer.

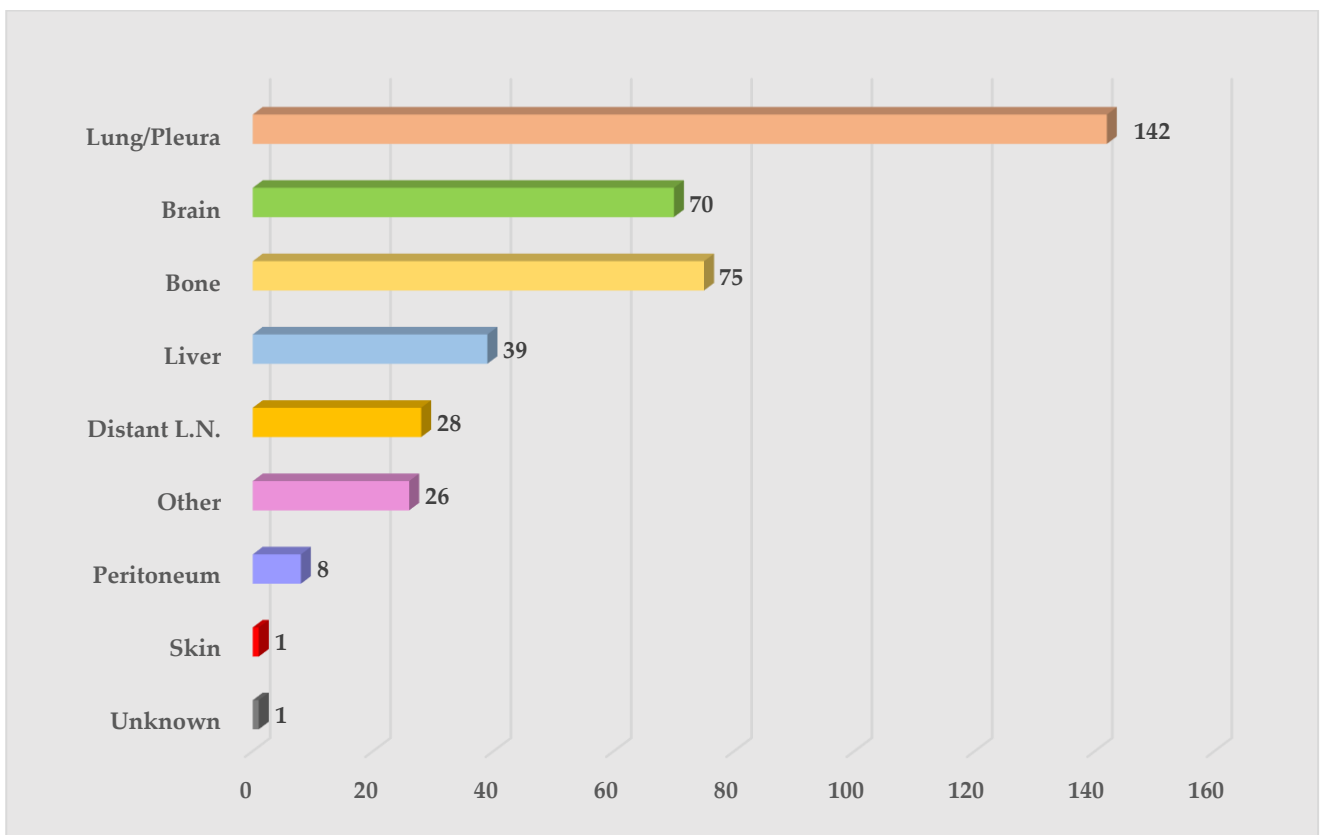


Figure 5.9 Distribution of metastasis for lung cancer.

LIVER AND INTRAHEPATIC BILE DUCTS

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

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	64.1 (14.1)
Median and range age at diagnosis	65.0 (0:102)
% of the patient is lower than 15 year of age at diagnosis	1.2%
Gender	
Male	219 (69.8%)
Female	95 (30.3%)
Sex ratio (male: female)	2.3:1

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

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical investigation/imaging	2	0.9	3	1.4	5	1.2
Histology of primary	211	99.1	214	98.6	425	98.8
Total	213	100.0	217	100.0	430	100.0

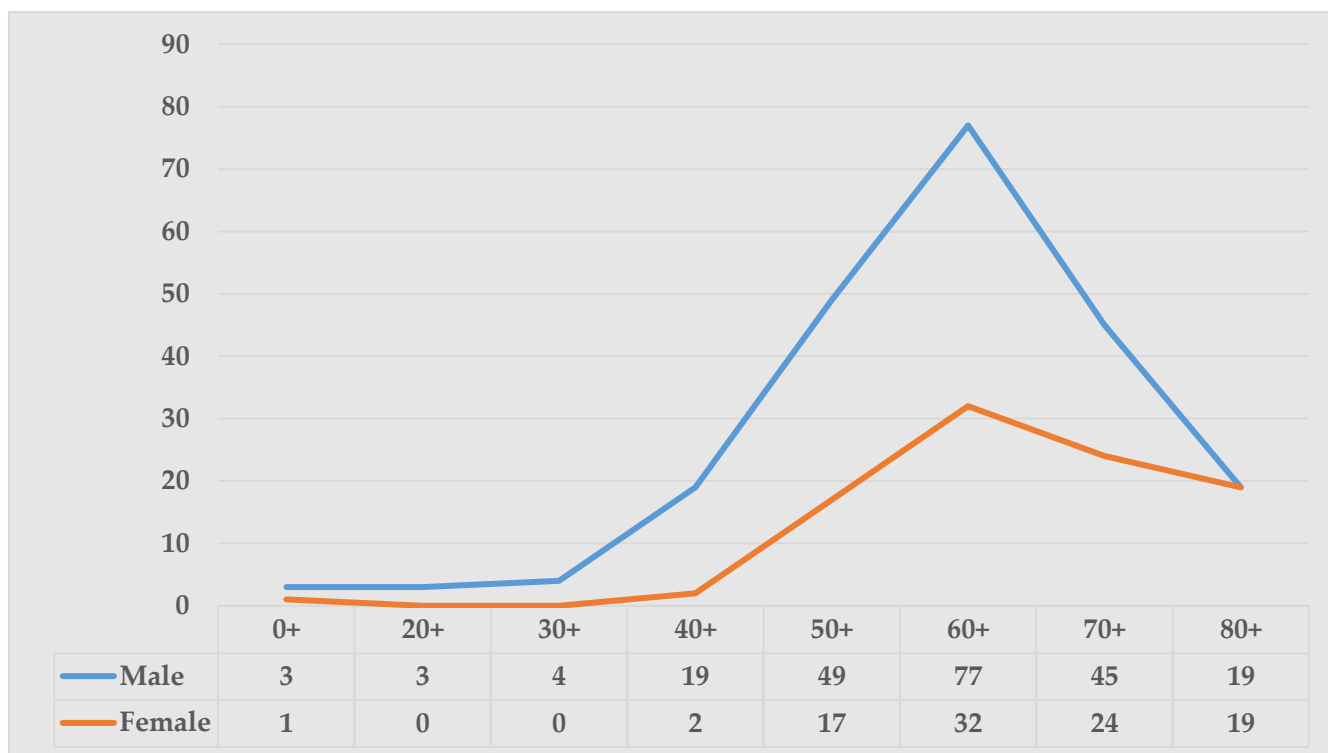


Figure 5.10 Age at diagnosis of liver and bile duct cancer, 2021 by sex.

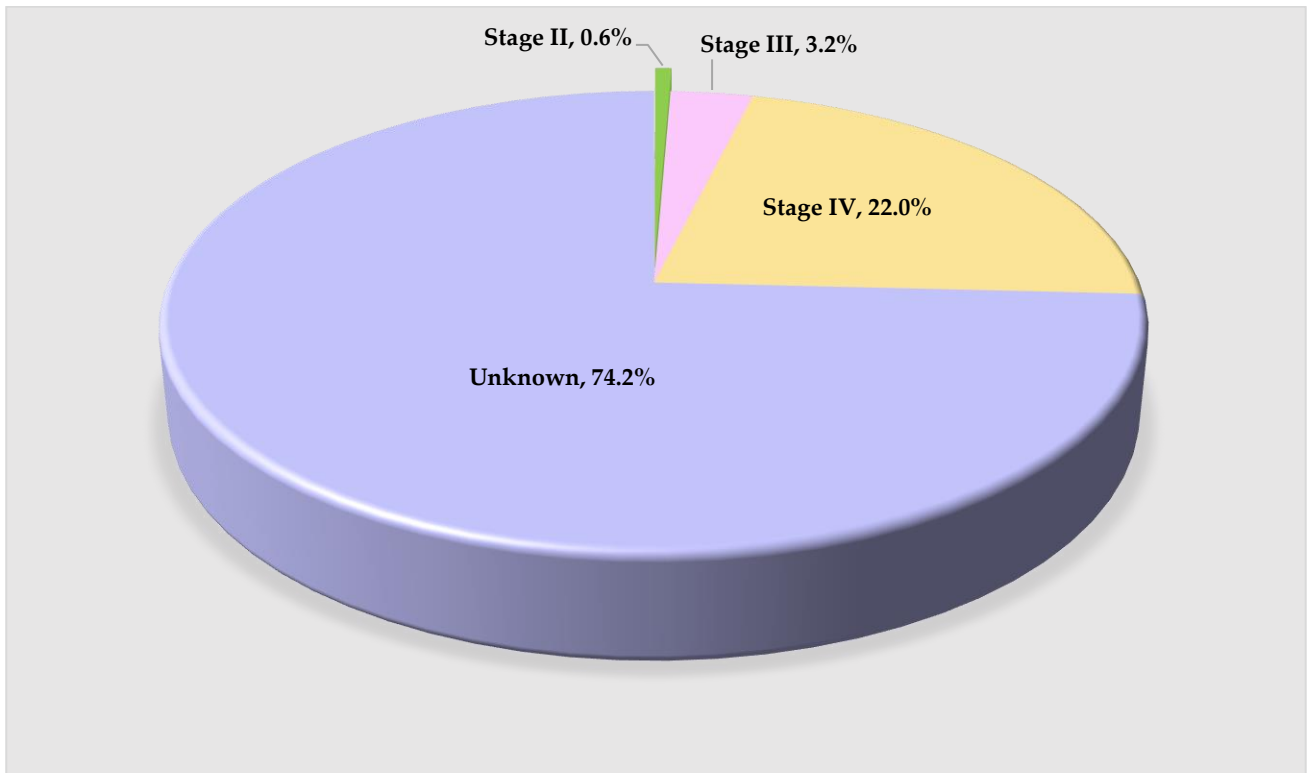


Figure 5.11 Distribution of staging for liver and bile duct cancer.

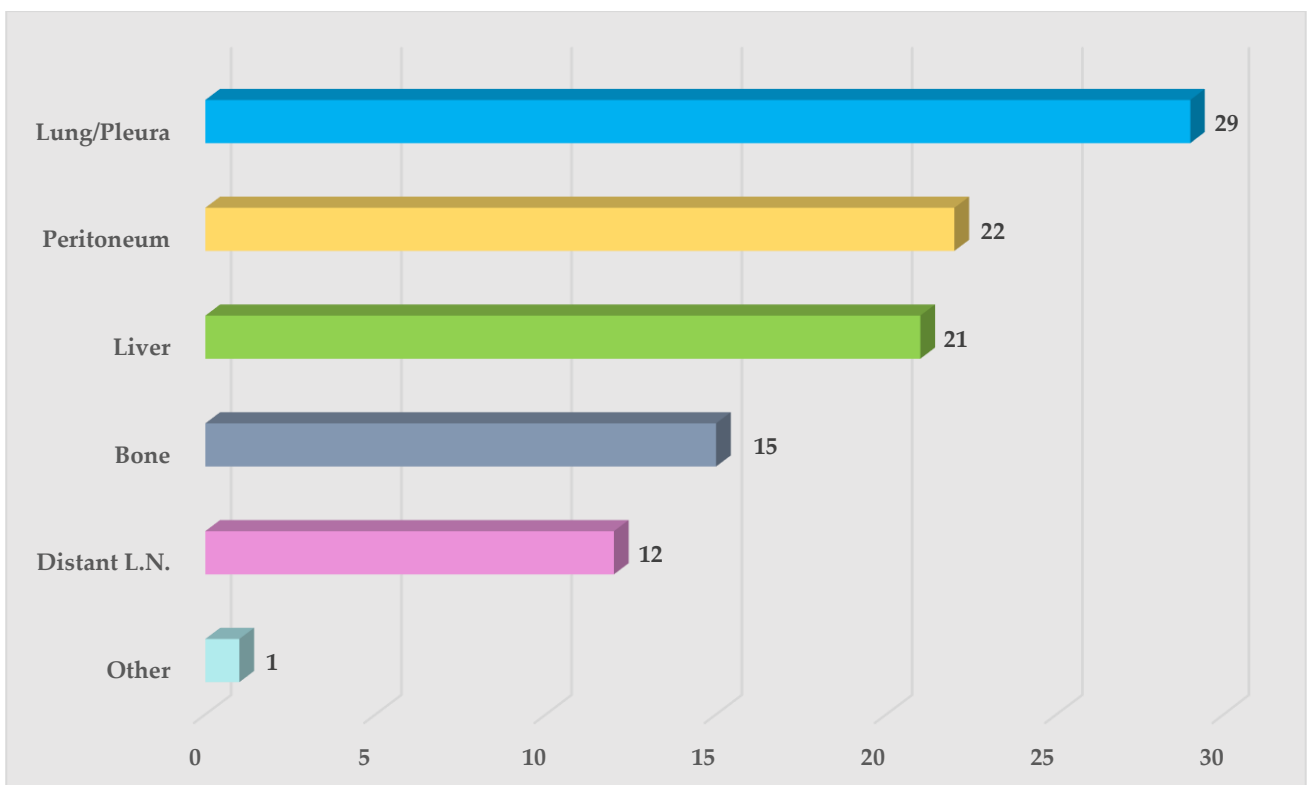


Figure 5.12 Distribution of metastasis for liver and bile duct cancer.

PROSTATE GLAND

Table 5.9 Age and gender of prostate gland cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	69.6 (8.1)
Median and range age at diagnosis	69.0 (46:94)
% of the patient is lower than 15 year of age at diagnosis	0.0%
Gender	
Male	294 (100.0%)

Table 5.10 Most valid method of diagnosis for prostate gland cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	260	100.0	0	0.0	260	100.0
Total	260	100.0	0	0.0	260	100.0

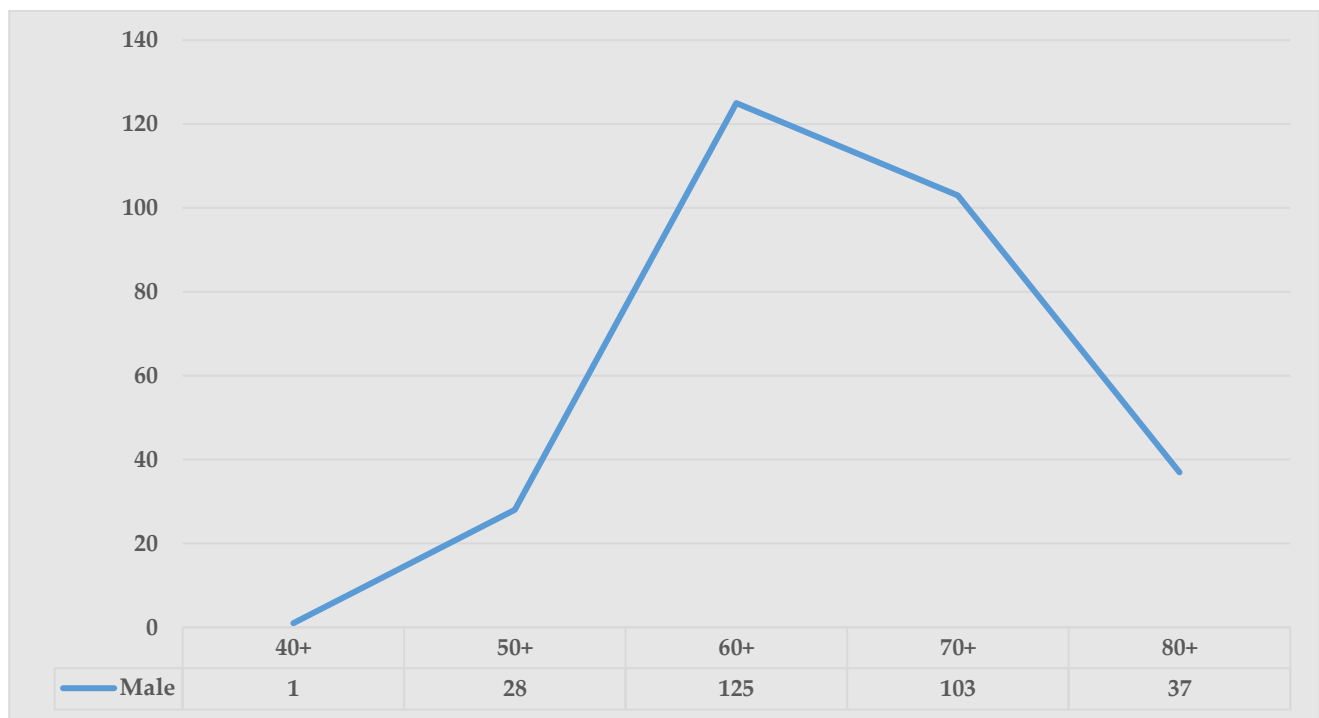


Figure 5.13 Age at diagnosis of prostate gland cancer, 2021 by sex.

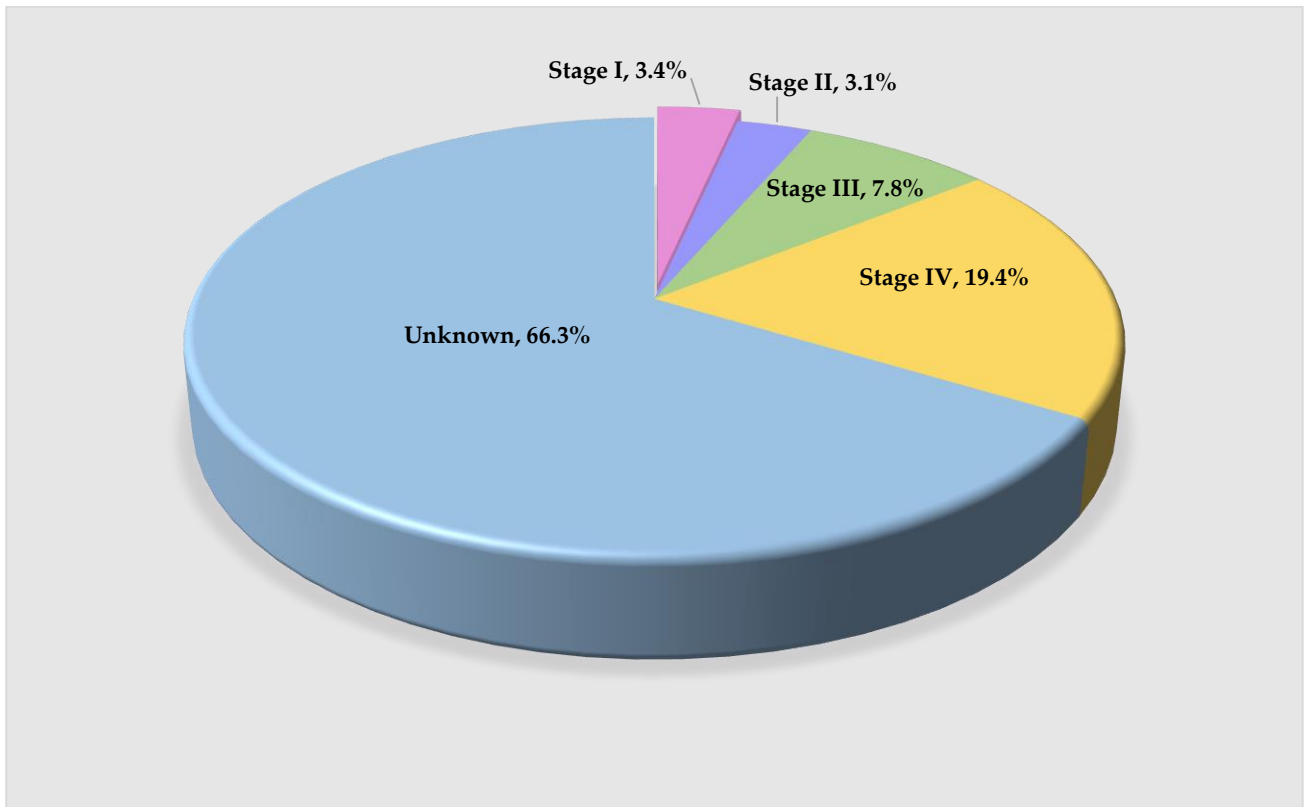


Figure 5.14 Distribution of staging for prostate gland cancer.

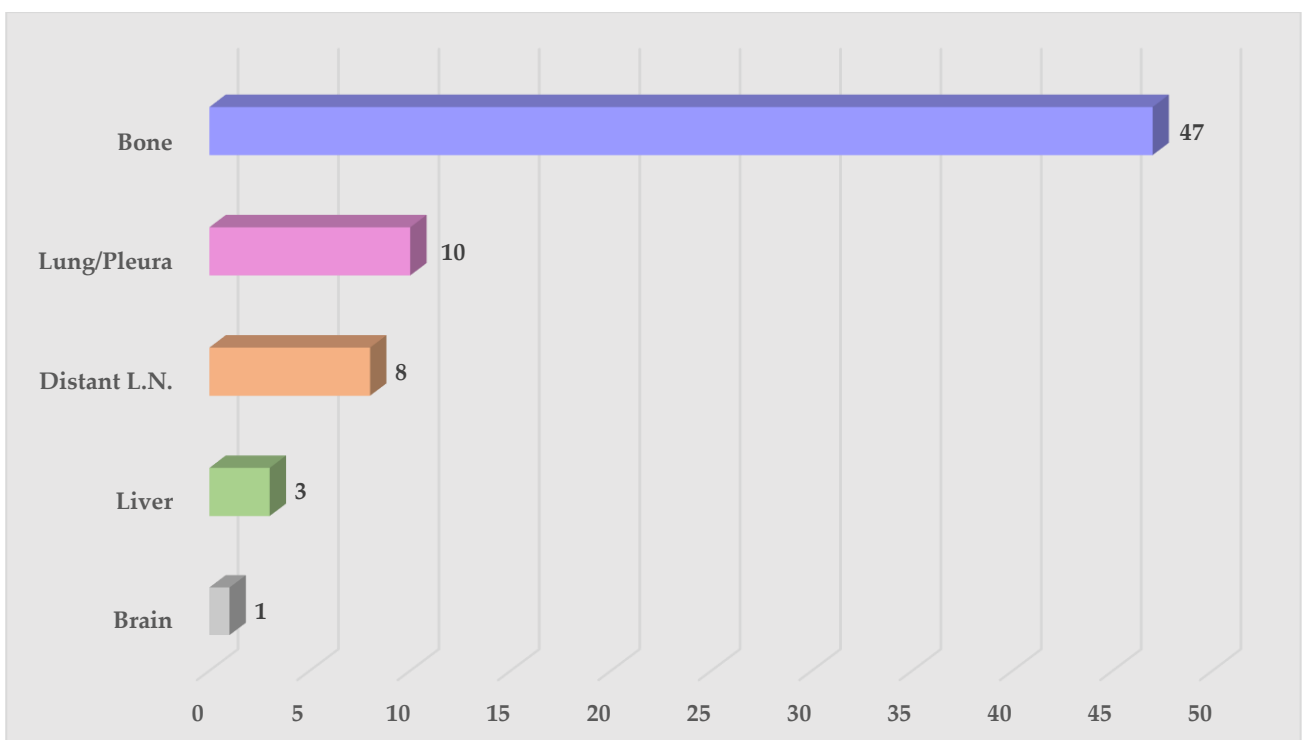


Figure 5.15 Distribution of metastasis for prostate gland cancer.

THYROID GLAND

Table 5.11 Age and gender of thyroid gland cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	50.2 (15.1)
Median and range age at diagnosis	51.0 (11:83)
% of the patient is lower than 15 year of age at diagnosis	0.7%
Gender	
Male	46 (17.1%)
Female	223 (82.9%)
Sex ratio (male: female)	0.2:1

Table 5.12 Most valid method of diagnosis for thyroid gland cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	46	100.0	223	100.0	269	100.0
Total	46	100.0	223	100.0	269	100.0

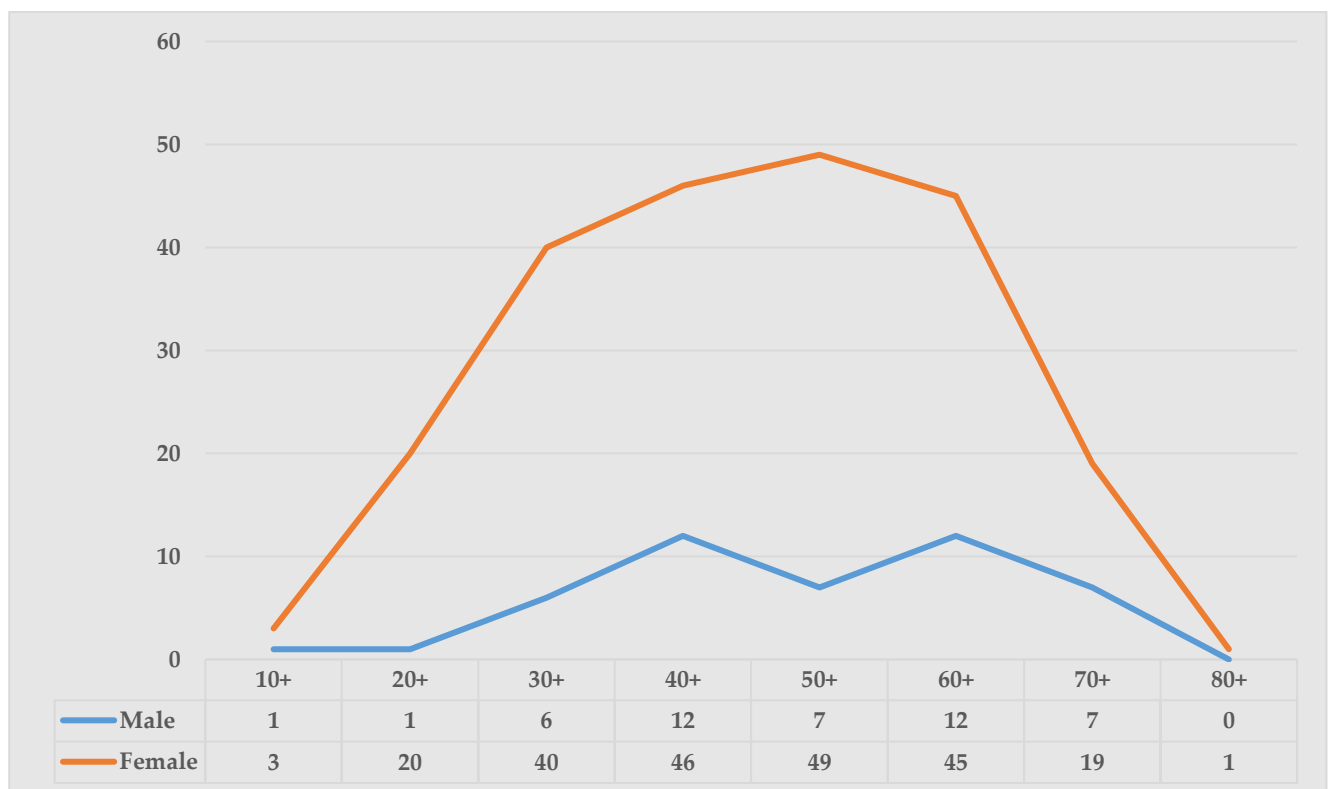


Figure 5.16 Age at diagnosis of thyroid gland cancer, 2021, by sex.

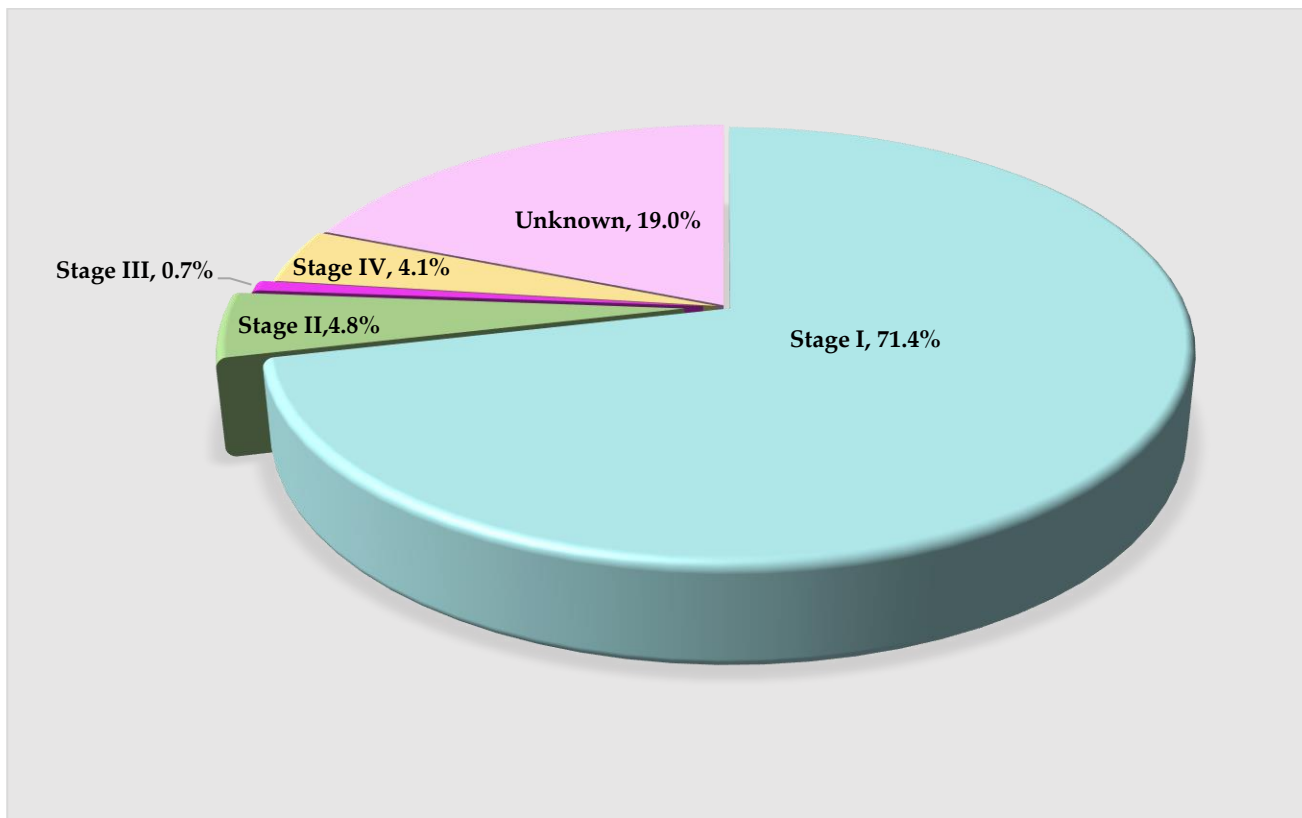


Figure 5.17 Distribution of staging for thyroid gland cancer.

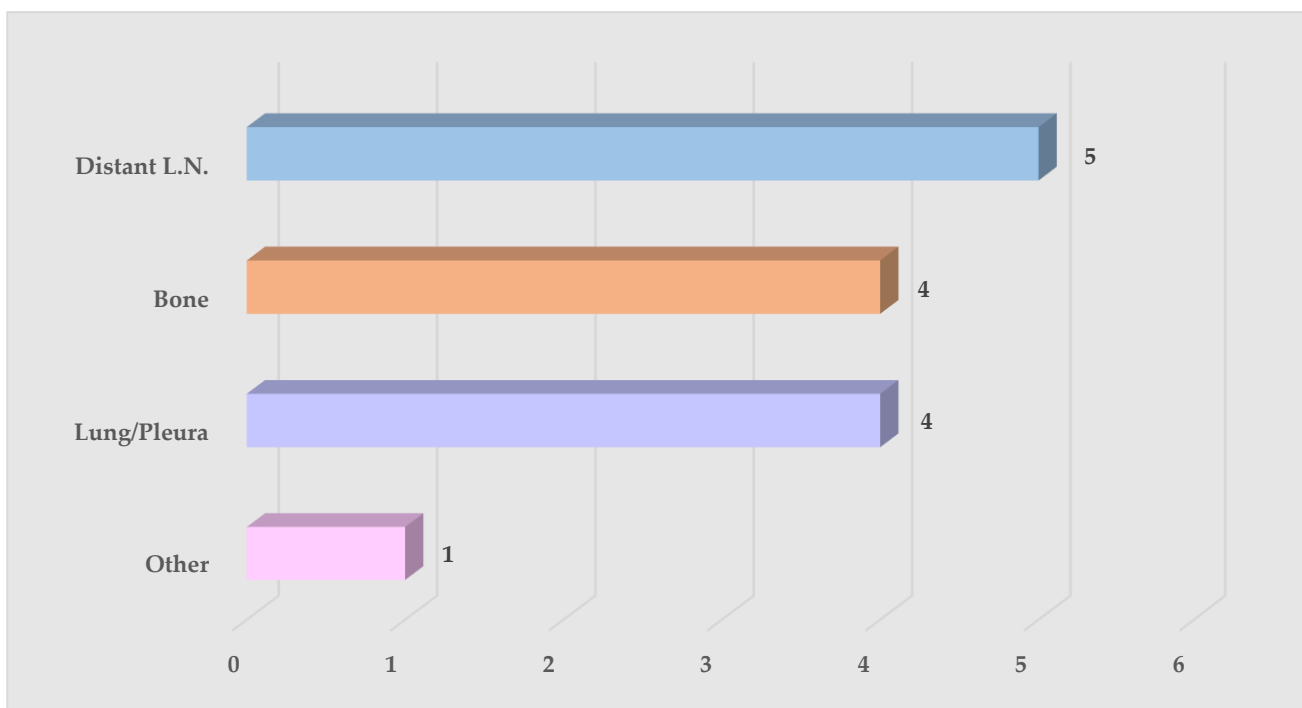


Figure 5.18 Distribution of metastasis for thyroid gland cancer.

CHILDHOOD CANCER

Table 5.13 Age and gender of childhood cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	5.7 (4.4)
Median and range age at diagnosis	5.0 (0:14)
% of the patient is lower than 15 year of age at diagnosis	100.0%
Gender	
Male	46 (56.1%)
Female	36 (43.9%)
Sex ratio (male: female)	1.27:1

Table 5.14 Most valid method of diagnosis for childhood cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Clinical investigation/imaging	1	2.2	0	0.0	1	1.2
Histology of primary	45	97.8	36	100.0	81	98.8
Total	45	100.0	36	100.0	82	100.0

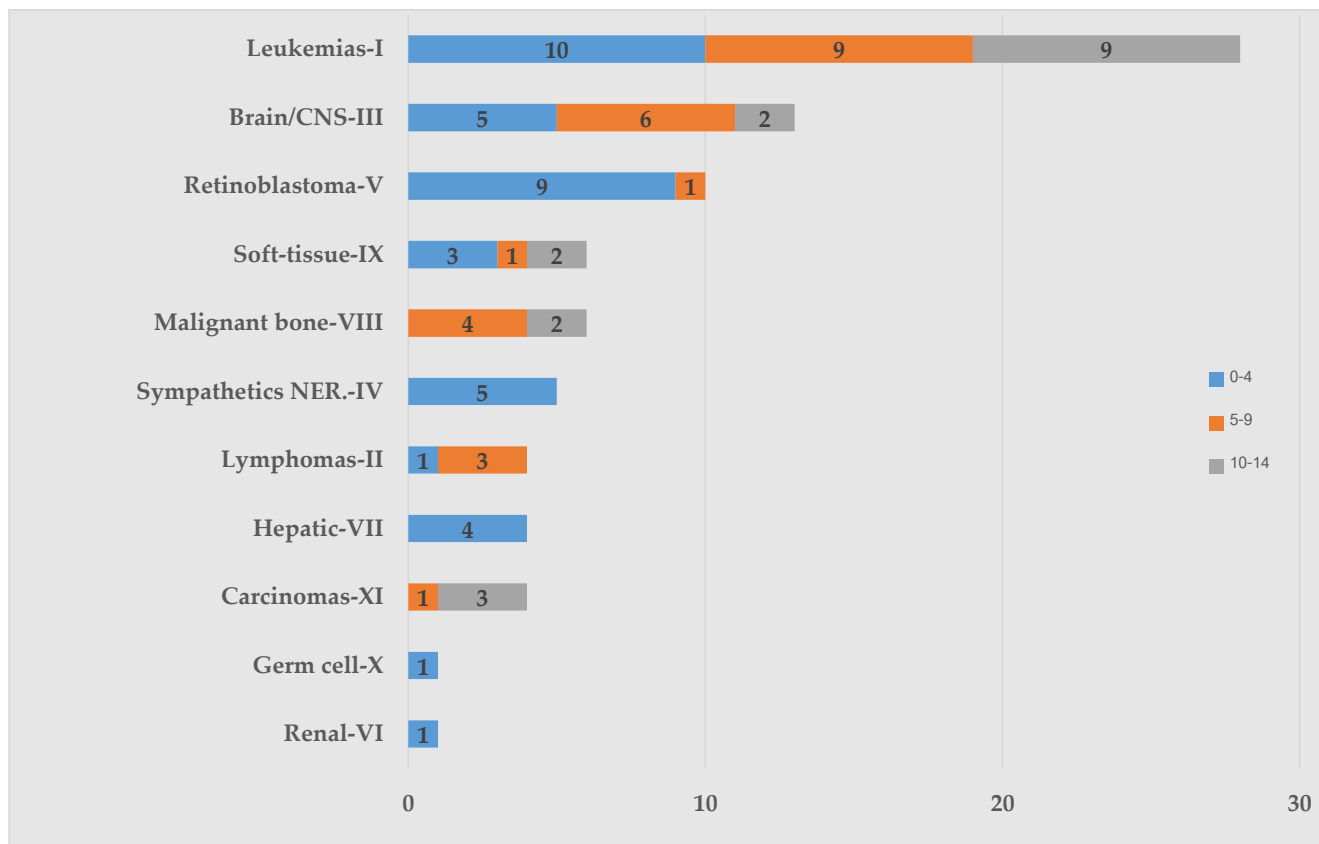
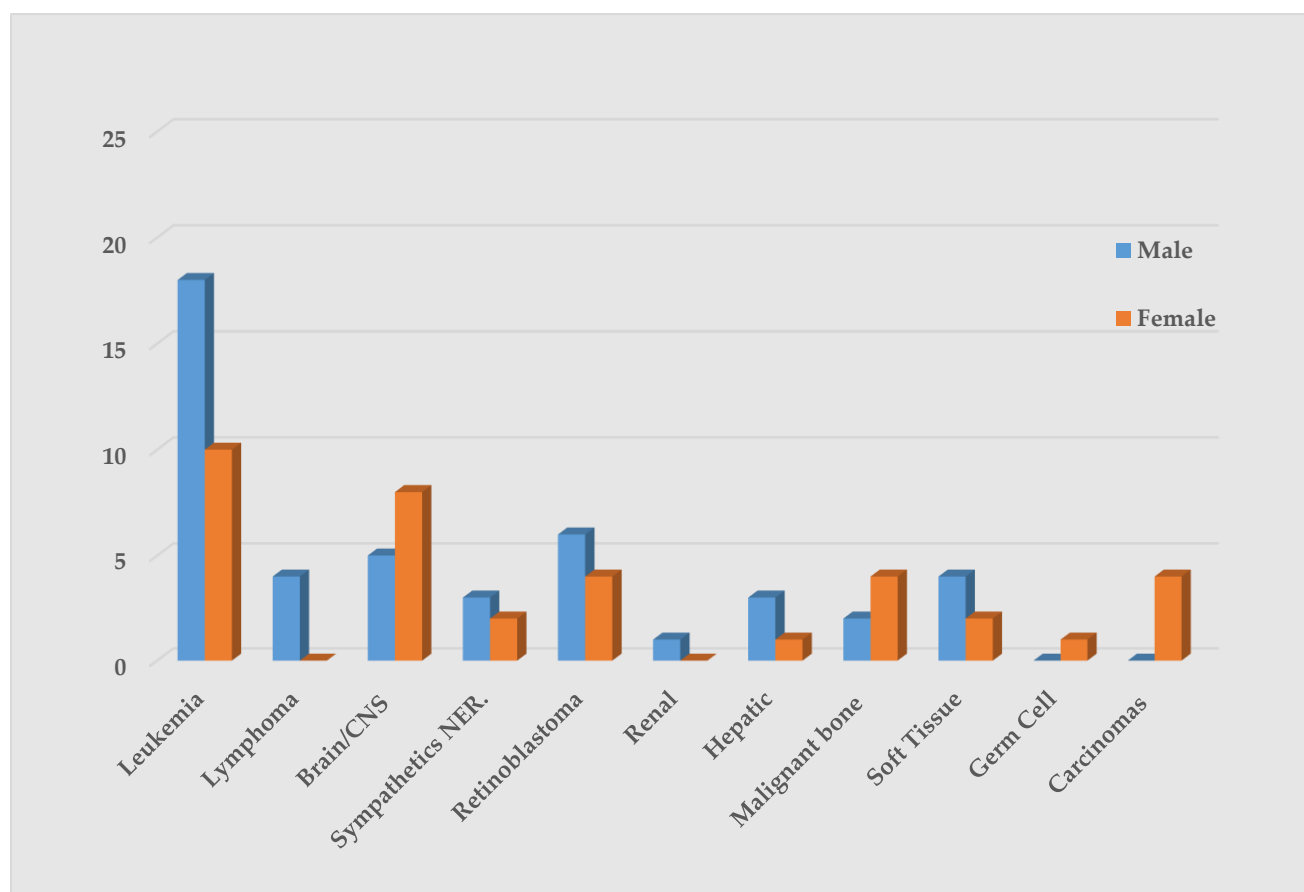


Figure 5.19 Number of childhood cancer by ICCC group, age<15, both sexes.

Table 5.15 Number of cancer in childhood by ICCC group, age <15 both sexes.

ICCC GROUP	Male				Female				M:F	%MV
	≤4	5-9	10-14	Total	≤4	5-9	10-14	Total		
Leukemia - I	5	7	6	18	5	2	3	10	1.8	100.0
Lymphoma - II	1	3	0	4	0	0	0	0	0.0	100.0
Brain/CNS - III	2	2	1	5	3	4	1	8	0.6	100.0
Sympathetics NER. - IV	3	0	0	3	2	0	0	2	1.5	100.0
Retinoblastoma - V	6	0	0	6	3	1	0	4	1.5	100.0
Renal - VI	1	0	0	1	0	0	0	0	0.0	100.0
Hepatic - VII	3	0	0	3	1	0	0	1	3.0	75.0
Malignant bone - VIII	0	1	1	2	0	3	1	4	0.5	100.0
Soft Tissue - IX	2	1	1	4	1	0	1	2	2.0	100.0
Germ Cell - X	0	0	0	0	1	0	0	1	0.0	100.0
Carcinomas - XI	0	0	0	0	0	1	3	4	0.0	100.0
Total	23	14	9	46	16	11	9	36	1.3	98.8

**Figure 5.20** Number of cases of all childhood cancer by ICCC and Age Group, both Sexes.

CHAPTER VI

DISTRIBUTION BY REGIONAL OF THAILAND

Table 6.1 Number of cancer cases by region, 2021.

Region	Number	%
Bangkok	1,880	44.7
Central	1,470	34.9
East	308	7.3
North-east	190	4.5
West	175	4.2
South	151	3.6
North	33	0.8
Total	4,207	100.0

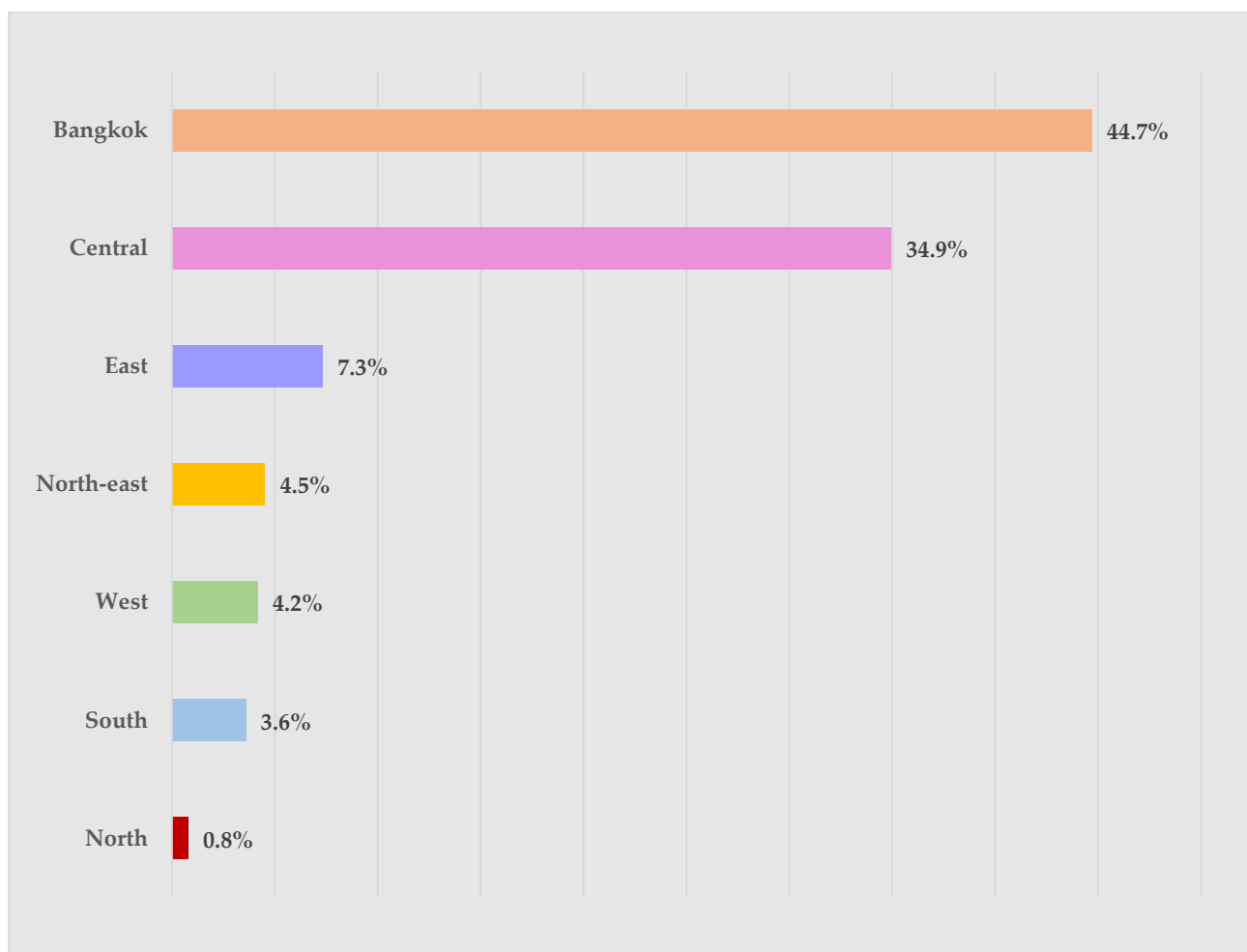


Figure 6.1 Distribution of region, 2021. (%)

Table 6.2 Number of cancer cases by topography and region, 2021.

Topography	Bangkok	Central	East	Northeast	West	South	North	Total
C00 Lip	1	0	0	1	0	0	0	2
C01 Base of Tongue	2	3	1	0	0	0	0	6
C02 Other and unspecified part of Tongue	11	7	2	3	0	0	0	23
C03 Gum	3	1	1	2	1	0	0	8
C04 Floor of Mouth	2	2	0	0	0	0	0	4
C05 Palate	3	3	2	1	0	0	0	9
C06 Other and unspecified part of Mouth	2	1	1	0	1	1	0	6
C07 Parotid gland	4	3	1	0	1	0	0	9
C08 Other and unspecified major salivary glands	1	2	0	0	1	1	1	6
C09 Tonsil	4	2	2	0	0	1	0	9
C10 Oropharynx	2	1	0	0	0	0	0	3
C11 Nasopharynx	17	15	2	4	2	3	2	45
C12 Pyriform sinus	1	4	1	1	0	0	0	7
C13 Hypopharynx	3	3	0	0	0	0	0	6
C14 Pharynx	1	0	0	0	0	0	0	1
C15 Esophagus	16	11	5	1	1	1	0	35
C16 Stomach	36	35	9	4	4	2	0	90
C17 Small Intestine	6	2	1	0	0	0	0	9
C18-C20 Colorectal	226	149	31	16	20	9	3	454
C21 Anus and Anal canal	2	2	0	0	0	0	0	4
C22 Liver and Intrahepatic bile ducts	117	125	32	15	13	7	5	314
C23 Gallbladder	5	1	1	1	0	0	0	8
C24 Other and unspecified parts of biliary tract	8	9	3	1	0	1	0	22
C25 Pancreas	30	27	3	2	2	1	0	65
C30 Nasal Cavity	4	2	2	1	1	1	0	11
C31 Accessory sinuses	2	3	1	0	1	0	0	7
C32 Larynx	15	3	2	0	2	1	0	23
C34 Bronchus and Lung	192	161	26	14	18	15	4	430
C37 Thymus	8	2	0	2	0	0	0	12
C38 Heart, Mediastinum	9	1	0	1	1	0	0	12
C40 Bones, Joints and articular cartilage of limbs	2	3	0	0	0	0	0	5
C41 Bones, Joints and articular cartilage of other and unspecified sites	2	1	2	2	1	0	0	8

Topography	Bangkok	Central	East	Northeast	West	South	North	Total
C42 Hematopoietic and Reticuloendothelial systems	96	83	9	16	9	4	5	222
C44 Skin	79	62	12	4	7	7	3	174
C47 Peripheral nerves and autonomic nervous system	1	0	0	0	0	0	0	1
C48 Retroperitoneum and Peritoneum	3	3	1	0	0	1	0	8
C49 Connective, Subcutaneous and Other soft tissues	20	17	2	1	2	5	0	47
C50 Breast	342	231	47	28	25	22	1	696
C51 Vulva	2	2	0	0	0	0	0	4
C52 Vagina	3	0	0	0	0	0	0	3
C53 Cervix uteri	42	26	7	5	4	4	1	89
C54 Corpus uteri	61	38	5	5	7	7	1	124
C55 Uterus	0	2	0	1	0	0	0	3
C56 Ovary	31	24	3	9	3	3	0	73
C57 Other and Unspecified female genital organs	2	0	0	0	0	0	0	2
C58 Placenta	1	0	0	0	0	0	0	1
C60 Penis	2	4	1	0	0	0	0	7
C61 Prostate gland	147	102	22	7	10	6	0	294
C62 Testis	3	8	0	0	0	0	0	11
C64 Kidney	41	35	10	1	6	8	1	102
C65 Renal pelvis	1	1	2	2	0	1	0	7
C66 Ureter	5	3	1	4	0	0	0	13
C67 Bladder	46	23	10	4	4	8	0	95
C68 Other and Unspecified urinary organs	0	1	0	0	0	0	0	1
C69 Eye and Adnexa	5	7	4	7	1	0	2	26
C71 Brain	13	16	4	3	2	2	0	40
C72 Spinal cord	1	1	1	0	1	0	0	4
C73 Thyroid gland	102	104	13	14	14	19	3	269
C74 Adrenal gland	3	4	0	0	1	0	0	8
C75 Other endocrine glands	1	3	0	0	0	0	1	5
C76 Other and ill-defined sites	1	1	0	1	1	0	0	4
C77 Lymph nodes	78	79	23	6	8	10	0	204
C80 Unknown primary site	11	6	0	0	0	0	0	17
Total	1,880	1,470	308	190	175	151	33	4,207

Table 6.3 Distribution of topography in Bangkok, 2021.

Topography	Number	%
C00 Lip	1	0.1
C01 Base of Tongue	2	0.1
C02 Other and unspecified part of Tongue	11	0.6
C03 Gum	3	0.2
C04 Floor of Mouth	2	0.1
C05 Palate	3	0.2
C06 Other and unspecified part of Mouth	2	0.1
C07 Parotid gland	4	0.2
C08 Other and unspecified major salivary glands	1	0.1
C09 Tonsil	4	0.2
C10 Oropharynx	2	0.1
C11 Nasopharynx	17	0.9
C12 Pyriform sinus	1	0.1
C13 Hypopharynx	3	0.2
C14 Pharynx	1	0.1
C15 Esophagus	16	0.9
C16 Stomach	36	1.9
C17 Small Intestine	6	0.3
C18-C20 Colorectal	226	12.0
C21 Anus and Anal canal	2	0.1
C22 Liver and Intrahepatic bile ducts	117	6.2
C23 Gallbladder	5	0.3
C24 Other and unspecified parts of biliary tract	8	0.4
C25 Pancreas	30	1.6
C30 Nasal Cavity	4	0.2
C31 Accessory sinuses	2	0.1
C32 Larynx	15	0.8
C34 Bronchus and Lung	192	10.2
C37 Thymus	8	0.4
C38 Heart, Mediastinum	9	0.5
C40 Bones, Joints and articular cartilage of limbs	2	0.1
C41 Bones, Joints and articular cartilage of other and unspecified sites	2	0.1
C42 Hematopoietic and Reticuloendothelial systems	96	5.1
C44 Skin	79	4.2
C47 Peripheral nerves and autonomic nervous system	1	0.1
C48 Retroperitoneum and Peritoneum	3	0.2
C49 Connective, Subcutaneous and Other soft tissues	20	1.1
C50 Breast	342	18.2
C51 Vulva	2	0.1
C52 Vagina	3	0.2
C53 Cervix uteri	42	2.2

Topography	Number	%
C54 Corpus uteri	61	3.2
C56 Ovary	31	1.7
C57 Other and Unspecified female genital organs	2	0.1
C58 Placenta	1	0.1
C60 Penis	2	0.1
C61 Prostate gland	147	7.8
C62 Testis	3	0.2
C64 Kidney	41	2.2
C65 Renal pelvis	1	0.1
C66 Ureter	5	0.3
C67 Bladder	46	2.5
C69 Eye and Adnexa	5	0.3
C71 Brain	13	0.7
C72 Spinal cord	1	0.1
C73 Thyroid gland	102	5.4
C74 Adrenal gland	3	0.2
C75 Other endocrine glands	1	0.1
C76 Other and ill-defined sites	1	0.1
C77 Lymph nodes	78	4.2
C80 Unknown primary site	11	0.6
Total	1,880	100.0

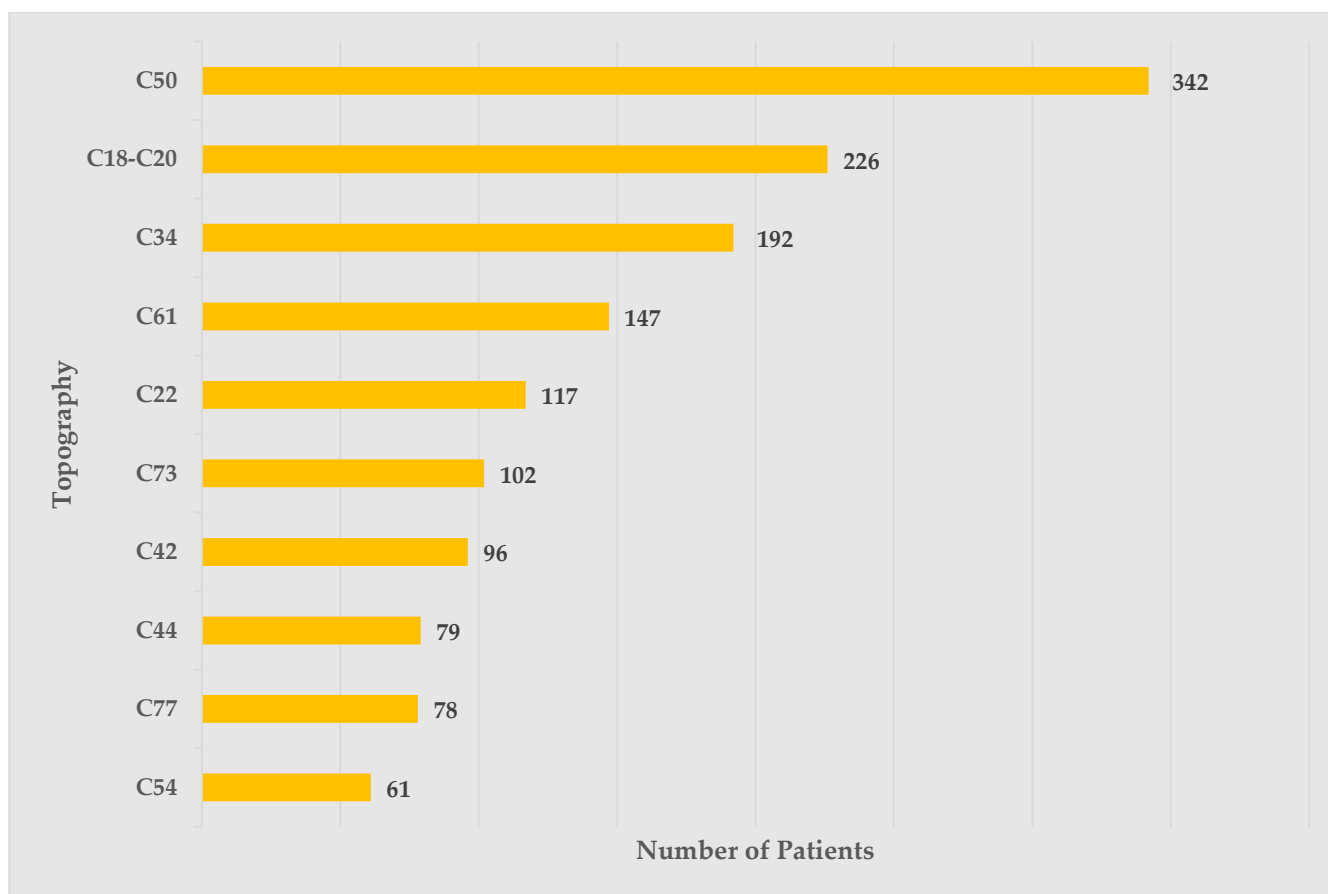


Figure 6.2 Leading cancer in Bangkok, 2021.

Table 6.4 Distribution of topography in Central, 2021.

Topography	Number	%
C01 Base of Tongue	3	0.2
C02 Other and unspecified part of Tongue	7	0.5
C03 Gum	1	0.1
C04 Floor of Mouth	2	0.1
C05 Palate	3	0.2
C06 Other and unspecified part of Mouth	1	0.1
C07 Parotid gland	3	0.2
C08 Other and unspecified major salivary glands	2	0.1
C09 Tonsil	2	0.1
C10 Oropharynx	1	0.1
C11 Nasopharynx	15	1.0
C12 Pyriform sinus	4	0.3
C13 Hypopharynx	3	0.2
C15 Esophagus	11	0.8
C16 Stomach	35	2.4
C17 Small Intestine	2	0.1
C18-C20 Colorectal	149	10.1
C21 Anus and Anal canal	2	0.1
C22 Liver and Intrahepatic bile ducts	125	8.5
C23 Gallbladder	1	0.1
C24 Other and unspecified parts of biliary tract	9	0.6
C25 Pancreas	27	1.8
C30 Nasal Cavity	2	0.1
C31 Accessory sinuses	3	0.2
C32 Larynx	3	0.2
C34 Bronchus and Lung	161	11.0
C37 Thymus	2	0.1
C38 Heart, Mediastinum	1	0.1
C40 Bones, Joints and articular cartilage of limbs	3	0.2
C41 Bones, Joints and articular cartilage of other and unspecified sites	1	0.1
C42 Hematopoietic and Reticuloendothelial systems	83	5.7
C44 Skin	62	4.2
C48 Retroperitoneum and Peritoneum	3	0.2
C49 Connective, Subcutaneous and Other soft tissues	17	1.2
C50 Breast	231	15.7
C51 Vulva	2	0.1
C53 Cervix uteri	26	1.8
C54 Corpus uteri	38	2.6

Topography	Number	%
C55 Uterus	2	0.1
C56 Ovary	24	1.6
C60 Penis	4	0.3
C61 Prostate gland	102	6.9
C62 Testis	8	0.5
C64 Kidney	35	2.4
C65 Renal pelvis	1	0.1
C66 Ureter	3	0.2
C67 Bladder	23	1.6
C68 Other and Unspecified urinary organs	1	0.1
C69 Eye and Adnexa	7	0.5
C71 Brain	16	1.1
C72 Spinal cord	1	0.1
C73 Thyroid gland	104	7.1
C74 Adrenal gland	4	0.3
C75 Other endocrine glands	3	0.2
C76 Other and ill-defined sites	1	0.1
C77 Lymph nodes	79	5.4
C80 Unknown primary site	6	0.4
Total	1,470	100.0

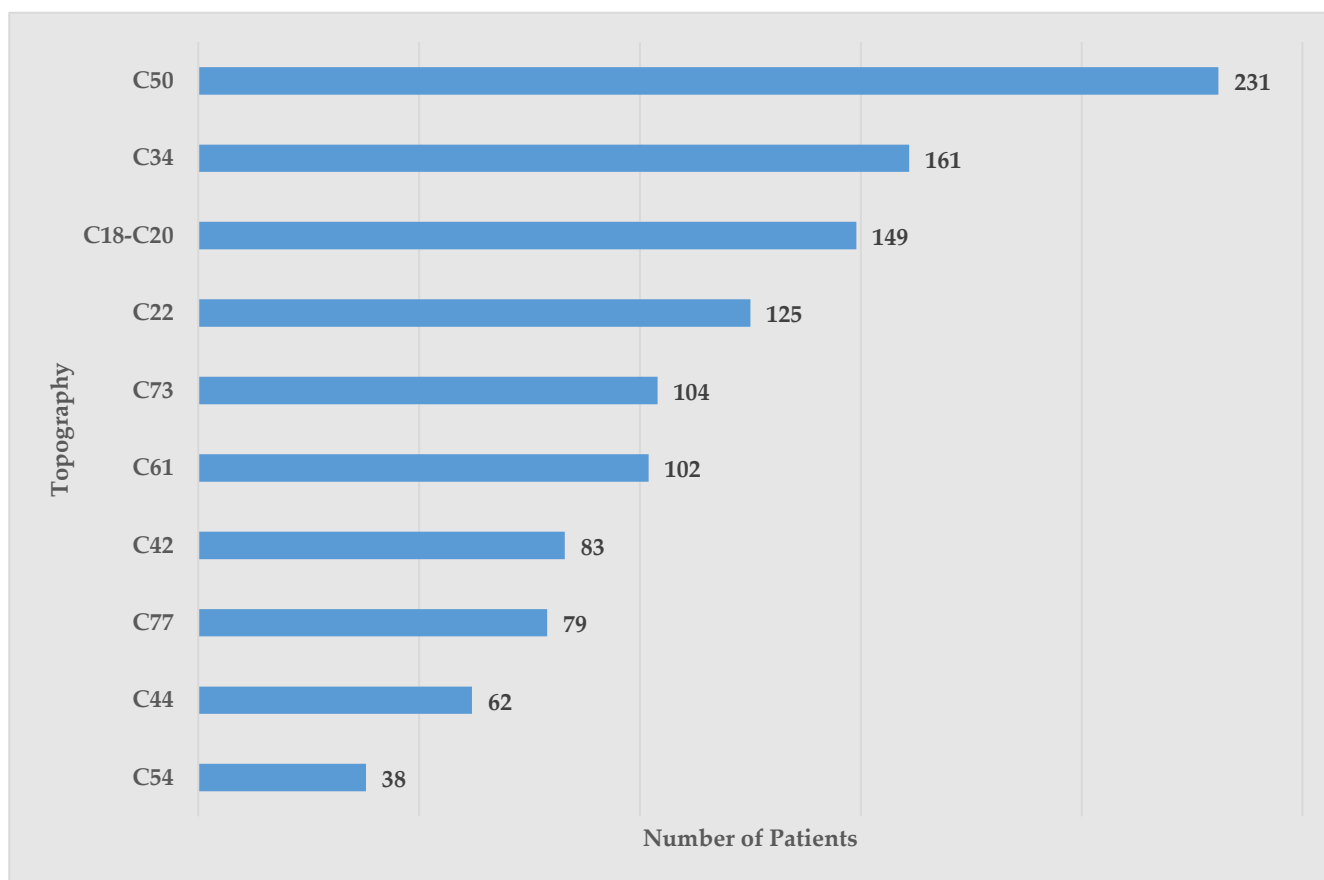


Figure 6.3 Leading cancer in Central, 2021.

Table 6.5 Distribution of topography in East, 2021.

Topography	Number	%
C01 Base of Tongue	1	0.3
C02 Other and unspecified part of Tongue	2	0.7
C03 Gum	1	0.3
C05 Palate	2	0.7
C06 Other and unspecified part of Mouth	1	0.3
C07 Parotid gland	1	0.3
C09 Tonsil	2	0.7
C11 Nasopharynx	2	0.7
C12 Pyriform sinus	1	0.3
C15 Esophagus	5	1.6
C16 Stomach	9	2.9
C17 Small Intestine	1	0.3
C18-C20 Colorectal	31	10.1
C22 Liver and Intrahepatic bile ducts	32	10.4
C23 Gallbladder	1	0.3
C24 Other and unspecified parts of biliary tract	3	1.0
C25 Pancreas	3	1.0
C30 Nasal Cavity	2	0.7
C31 Accessory sinuses	1	0.3
C32 Larynx	2	0.7
C34 Bronchus and Lung	26	8.4
C41 Bones, Joints and articular cartilage of other and unspecified sites	2	0.7
C42 Hematopoietic and Reticuloendothelial systems	9	2.9
C44 Skin	12	3.9
C48 Retroperitoneum and Peritoneum	1	0.3
C49 Connective, Subcutaneous and Other soft tissues	2	0.7
C50 Breast	47	15.3
C53 Cervix uteri	7	2.3
C54 Corpus uteri	5	1.6
C56 Ovary	3	1.0
C60 Penis	1	0.3
C61 Prostate gland	22	7.1
C64 Kidney	10	3.3
C65 Renal pelvis	2	0.7

Topography	Number	%
C66 Ureter	1	0.3
C67 Bladder	10	3.3
C69 Eye and Adnexa	4	1.3
C71 Brain	4	1.3
C72 Spinal cord	1	0.3
C73 Thyroid gland	13	4.2
C77 Lymph nodes	23	7.5
Total	308	100.0

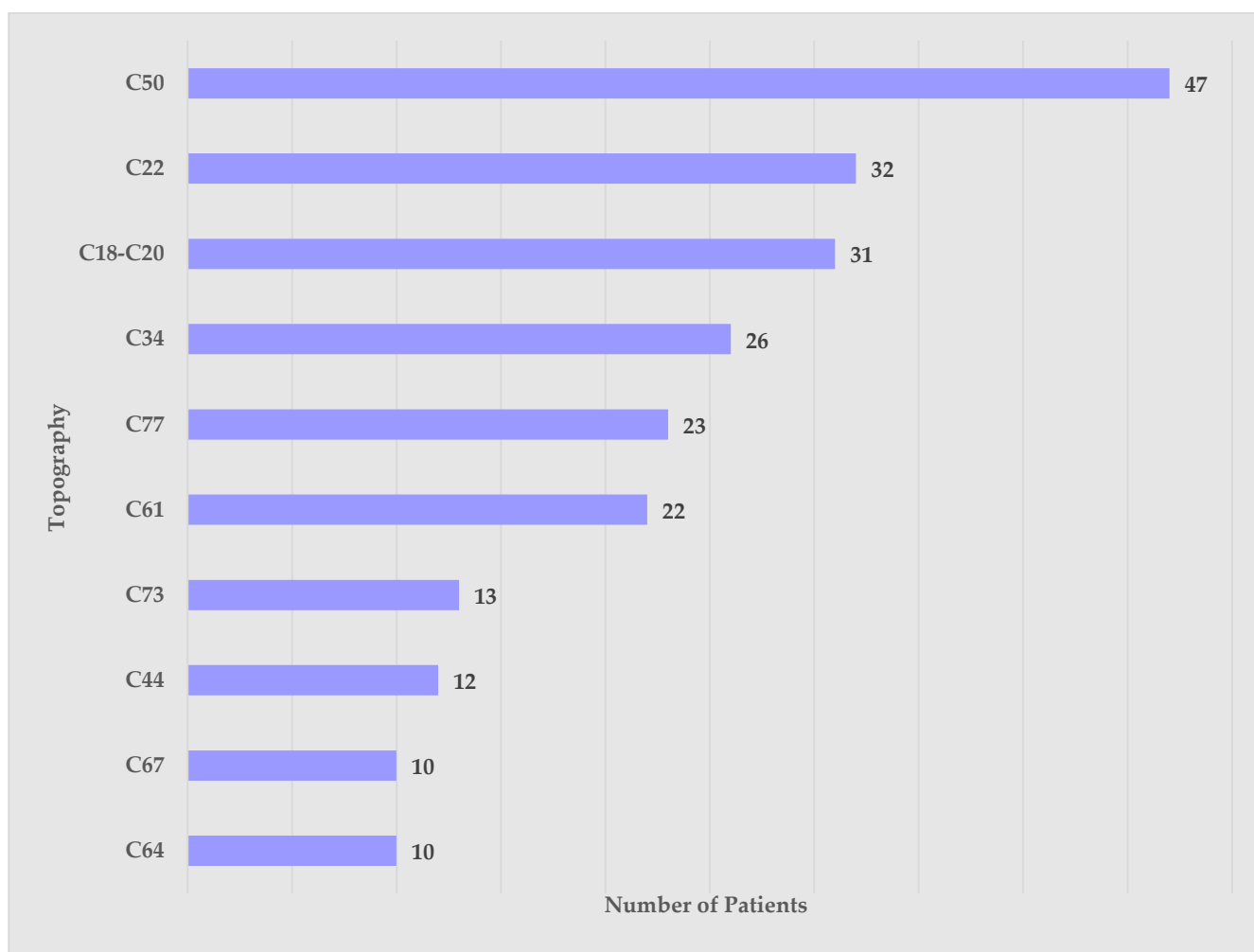


Figure 6.4 Leading cancer in East, 2021.

Table 6.6 Distribution of topography in North-East, 2021.

Topography	Number	%
C00 Lip	1	0.5
C02 Other and unspecified part of Tongue	3	1.6
C03 Gum	2	1.1
C05 Palate	1	0.5
C11 Nasopharynx	4	2.1
C12 Pyriform sinus	1	0.5
C15 Esophagus	1	0.5
C16 Stomach	4	2.1
C18-C20 Colorectal	16	8.4
C22 Liver and Intrahepatic bile ducts	15	7.9
C23 Gallbladder	1	0.5
C24 Other and unspecified parts of biliary tract	1	0.5
C25 Pancreas	2	1.1
C30 Nasal Cavity	1	0.5
C34 Bronchus and Lung	14	7.4
C37 Thymus	2	1.1
C38 Heart, Mediastinum	1	0.5
C41 Bones, Joints and articular cartilage of other and unspecified sites	2	1.1
C42 Hematopoietic and Reticuloendothelial systems	16	8.4
C44 Skin	4	2.1
C49 Connective, Subcutaneous and Other soft tissues	1	0.5
C50 Breast	28	14.7
C53 Cervix uteri	5	2.6
C54 Corpus uteri	5	2.6
C55 Uterus	1	0.5
C56 Ovary	9	4.7
C61 Prostate gland	7	3.7
C64 Kidney	1	0.5
C65 Renal pelvis	2	1.1
C66 Ureter	4	2.1

Topography	Number	%
C67 Bladder	4	2.1
C69 Eye and Adnexa	7	3.7
C71 Brain	3	1.6
C73 Thyroid gland	14	7.4
C76 Other and ill-defined sites	1	0.5
C77 Lymph nodes	6	3.2
Total	190	100.0

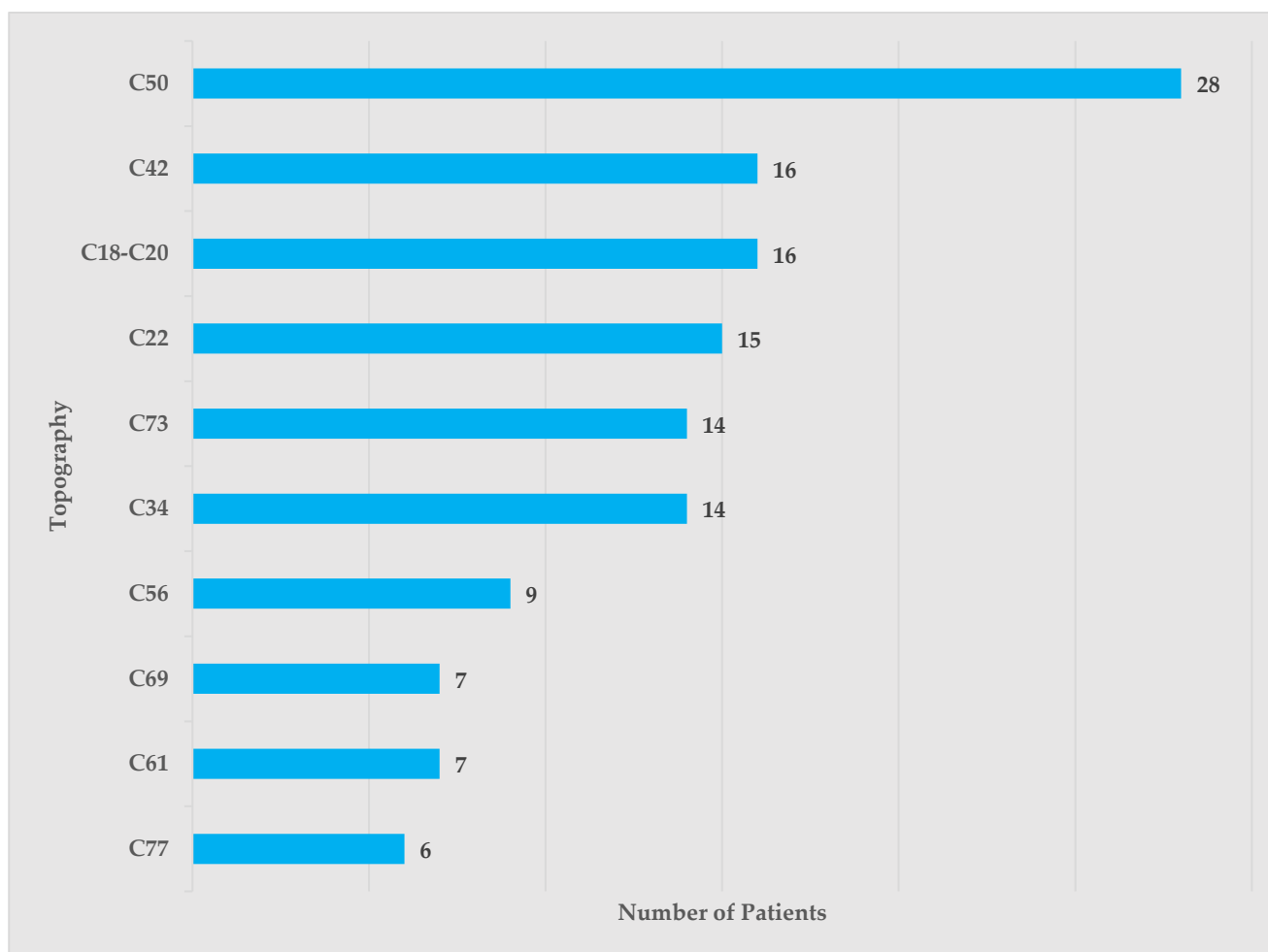


Figure 6.5 Leading cancer in North-East, 2021.

Table 6.7 Distribution of topography in West, 2021.

Topography	Number	%
C03 Gum	1	0.6
C06 Other and unspecified part of Mouth	1	0.6
C07 Parotid gland	1	0.6
C08 Other and unspecified major salivary glands	1	0.6
C11 Nasopharynx	2	1.1
C15 Esophagus	1	0.6
C16 Stomach	4	2.3
C18-C20 Colorectal	20	11.4
C22 Liver and Intrahepatic bile ducts	13	7.4
C25 Pancreas	2	1.1
C30 Nasal Cavity	1	0.6
C31 Accessory sinuses	1	0.6
C32 Larynx	2	1.1
C34 Bronchus and Lung	18	10.3
C38 Heart, Mediastinum	1	0.6
C41 Bones, Joints and articular cartilage of other and unspecified sites	1	0.6
C42 Hematopoietic and Reticuloendothelial systems	9	5.1
C44 Skin	7	4.0
C49 Connective, Subcutaneous and Other soft tissues	2	1.1
C50 Breast	25	14.3
C53 Cervix uteri	4	2.3
C54 Corpus uteri	7	4.0
C56 Ovary	3	1.7
C61 Prostate gland	10	5.7
C64 Kidney	6	3.4
C67 Bladder	4	2.3
C69 Eye and Adnexa	1	0.6
C71 Brain	2	1.1
C72 Spinal cord	1	0.6
C73 Thyroid gland	14	8.0
C74 Adrenal gland	1	0.6

Topography	Number	%
C76 Other and ill-defined sites	1	0.6
C77 Lymph nodes	8	4.6
Total	175	100.0

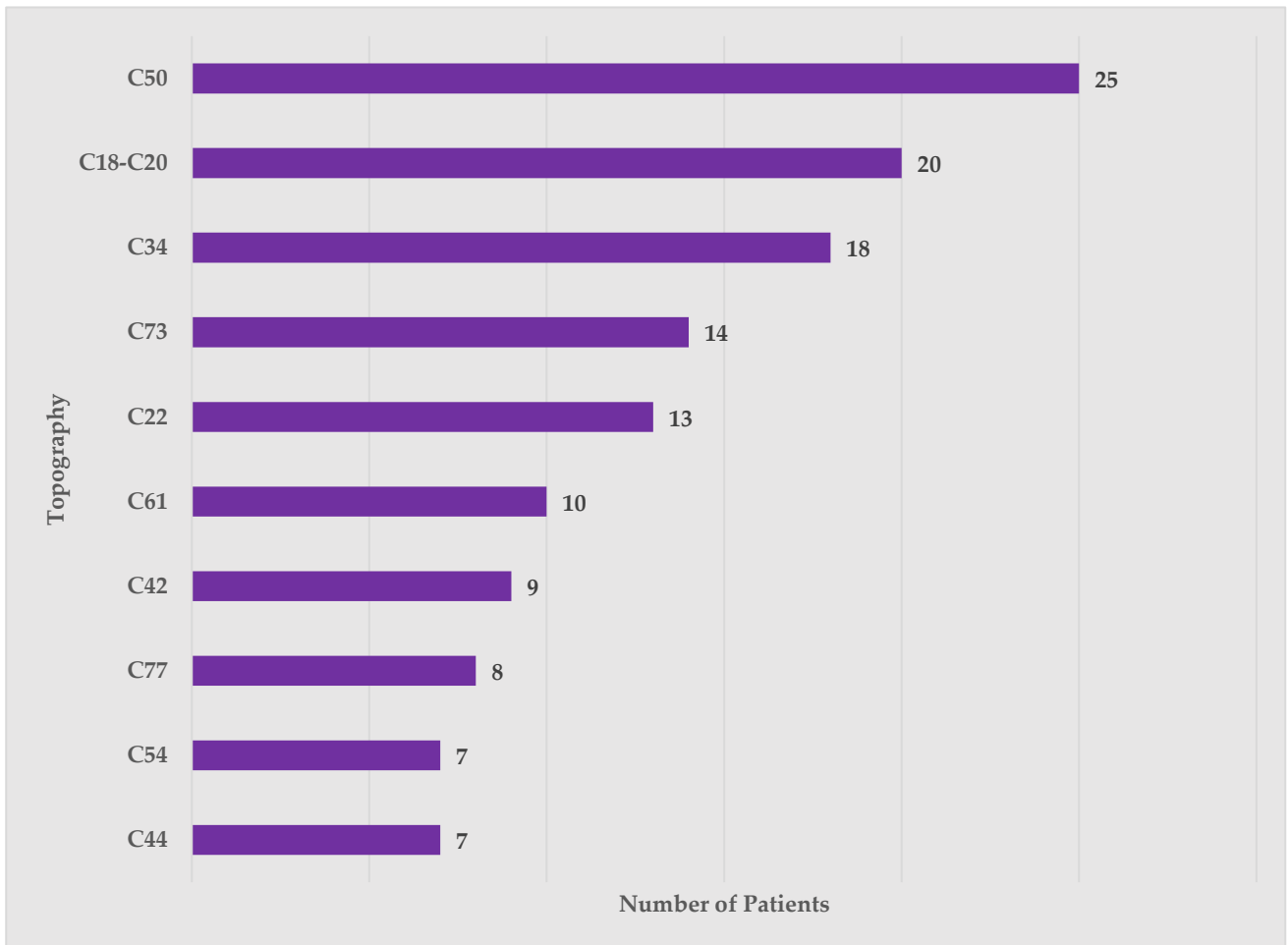


Figure 6.6 Leading cancer in West, 2021.

Table 6.8 Distribution of topography in South, 2021.

Topography	Number	%
C06 Other and unspecified part of Mouth	1	0.7
C08 Other and unspecified major salivary glands	1	0.7
C09 Tonsil	1	0.7
C11 Nasopharynx	3	2.0
C15 Esophagus	1	0.7
C16 Stomach	2	1.3
C18-C20 Colorectal	9	6.0
C22 Liver and Intrahepatic bile ducts	7	4.6
C24 Other and unspecified parts of biliary tract	1	0.7
C25 Pancreas	1	0.7
C30 Nasal Cavity	1	0.7
C32 Larynx	1	0.7
C34 Bronchus and Lung	15	9.9
C42 Hematopoietic and Reticuloendothelial systems	4	2.7
C44 Skin	7	4.6
C48 Retroperitoneum and Peritoneum	1	0.7
C49 Connective, Subcutaneous and Other soft tissues	5	3.3
C50 Breast	22	14.6
C53 Cervix uteri	4	2.7
C54 Corpus uteri	7	4.6
C56 Ovary	3	2.0
C61 Prostate gland	6	4.0
C64 Kidney	8	5.3
C65 Renal pelvis	1	0.7
C67 Bladder	8	5.3
C71 Brain	2	1.3

Topography	Number	%
C73 Thyroid gland	19	12.6
C77 Lymph nodes	10	6.6
Total	151	100.0

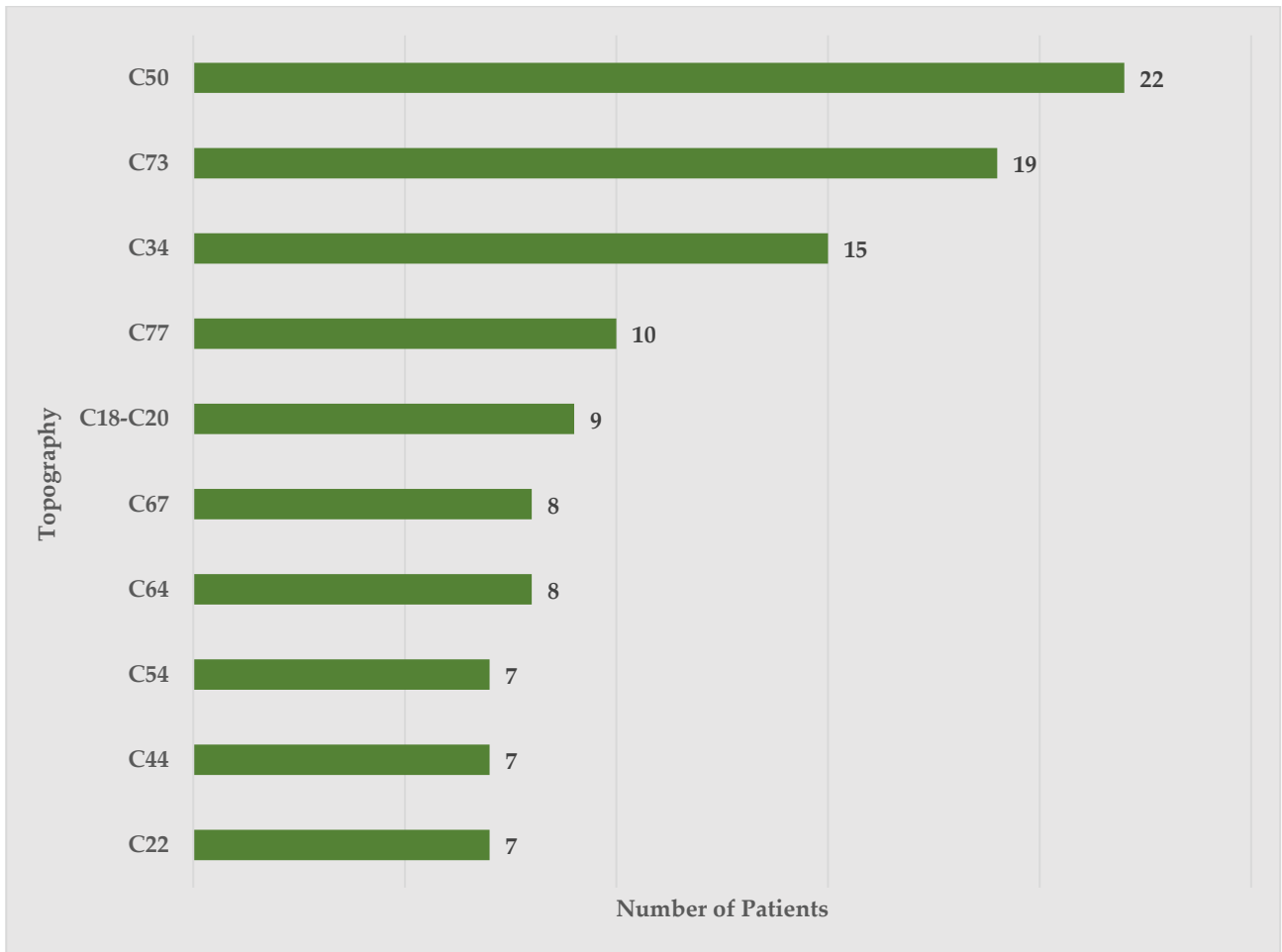


Figure 6.7 Leading cancer in South, 2021.

Table 6.9 Distribution of topography in North, 2021.

Topography	Number	%
C08 Other and unspecified major salivary glands	1	3.0
C11 Nasopharynx	2	6.1
C18-C20 Colorectal	3	9.1
C22 Liver and Intrahepatic bile ducts	5	15.2
C34 Bronchus and Lung	4	12.1
C42 Hematopoietic and Reticuloendothelial systems	5	15.2
C44 Skin	3	9.1
C50 Breast	1	3.0
C53 Cervix uteri	1	3.0
C54 Corpus uteri	1	3.0
C64 Kidney	1	3.0
C69 Eye and Adnexa	2	6.1
C73 Thyroid gland	3	9.1
C75 Other endocrine glands	1	3.0
Total	33	100.0

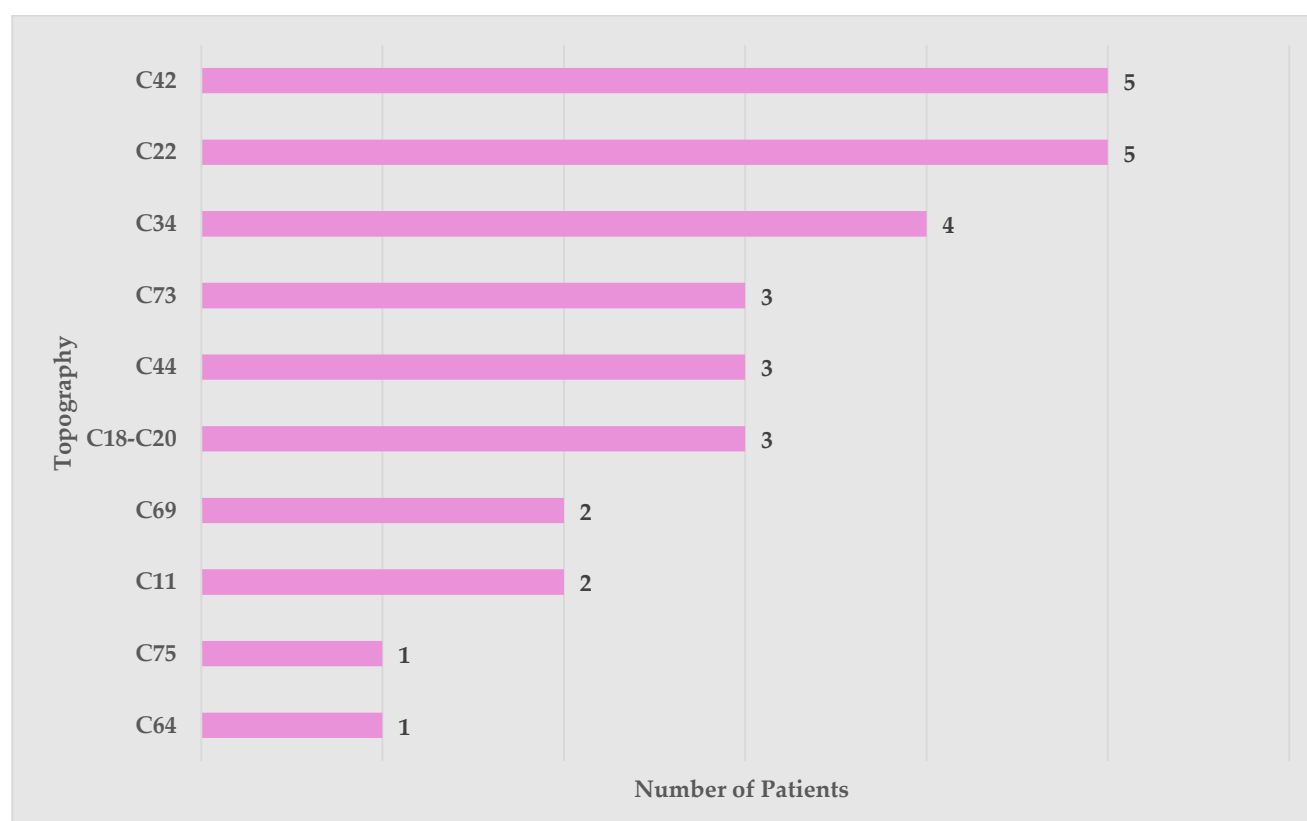
**Figure 6.8** Leading cancer in North, 2021.

Table 6.10 Distribution of staging for breast cancer of region, 2021.

Region	Staging					
	Stage 0	Stage I	Stage II	Stage III	Stage IV	Unknown
Bangkok	34	87	112	44	36	29
Central	14	61	85	34	15	22
East	6	13	15	6	5	2
Northeast	2	4	10	4	4	4
West	3	4	11	4	3	0
South	1	9	6	1	2	3
North	0	1	0	0	0	0

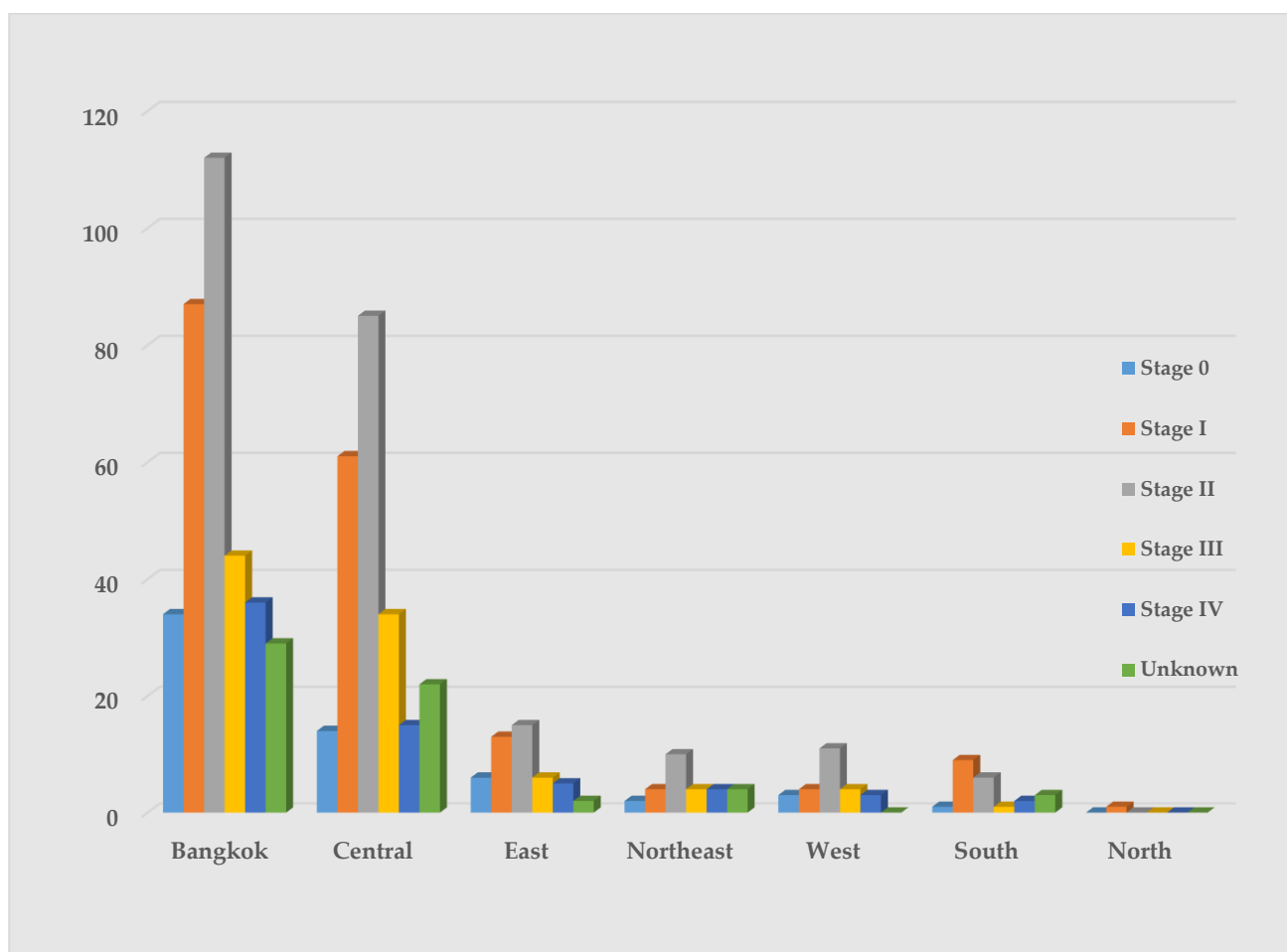


Figure 6.9 Distribution of staging for breast cancer of region, 2021.

Table 6.11 Distribution of staging for colorectal cancer of region, 2021.

Region	Staging				
	Stage I	Stage II	Stage III	Stage IV	Unknown
Bangkok	17	47	67	75	20
Central	5	41	43	46	14
East	2	6	12	10	1
West	2	3	4	10	1
Northeast	1	3	6	6	0
South	0	3	3	3	0
North	0	0	1	1	1

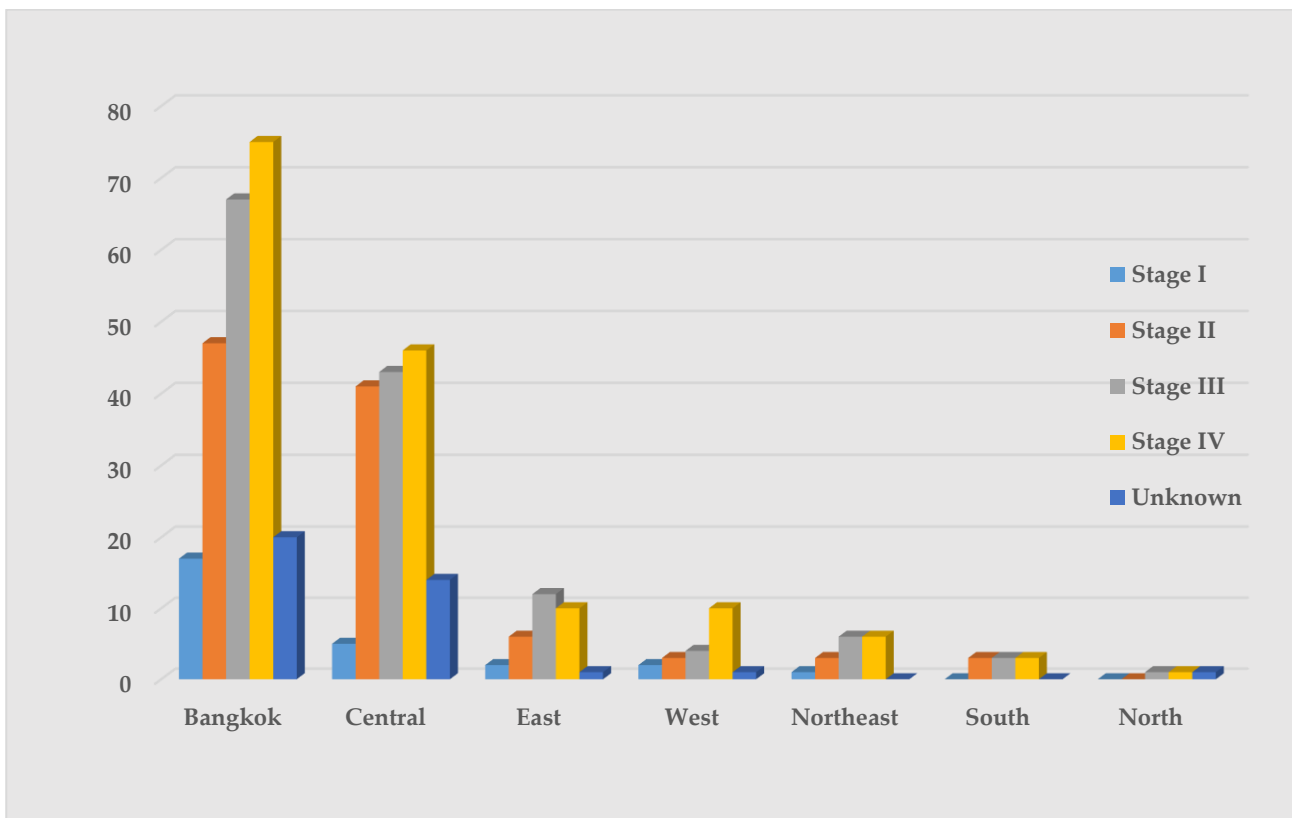


Figure 6.10 Distribution of staging for colorectal cancer of region, 2021.

Table 6.12 Distribution of staging for lung cancer of region, 2021.

Region	Staging				
	Stage I	Stage II	Stage III	Stage IV	Unknown
Bangkok	25	9	20	124	14
Central	21	7	31	90	12
East	3	1	5	15	2
West	0	2	2	14	0
South	1	0	3	8	2
Northeast	1	0	4	8	0
North	0	0	1	3	0

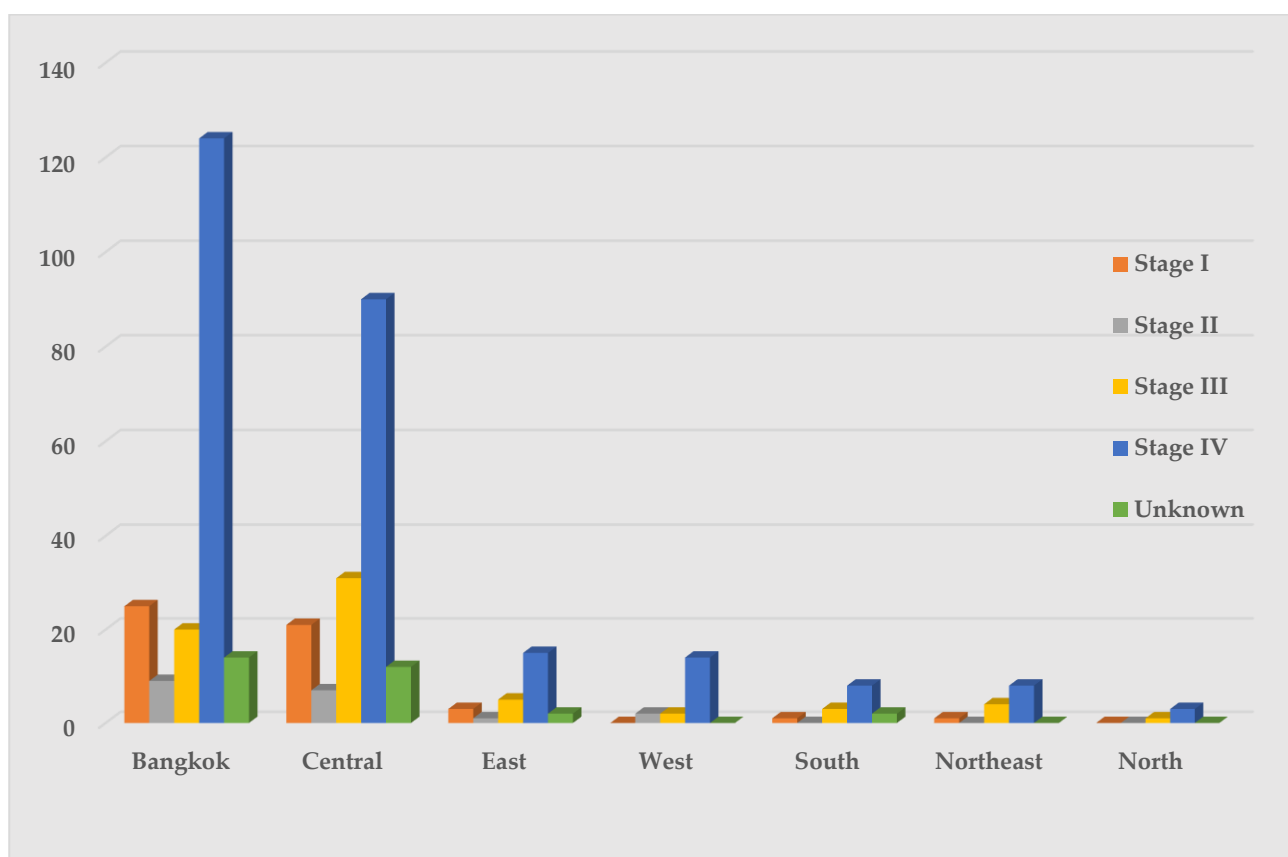


Figure 6.11 Distribution of staging for lung cancer of region, 2021.

Table 6.13 Distribution of staging for liver cancer of region, 2021.

Region	Staging			
	Stage II	Stage III	Stage IV	Unknown
Central	1	3	26	95
Bangkok	0	4	30	83
East	0	0	8	24
Northeast	0	3	2	10
West	1	0	1	11
South	0	0	1	6
North	0	0	1	4

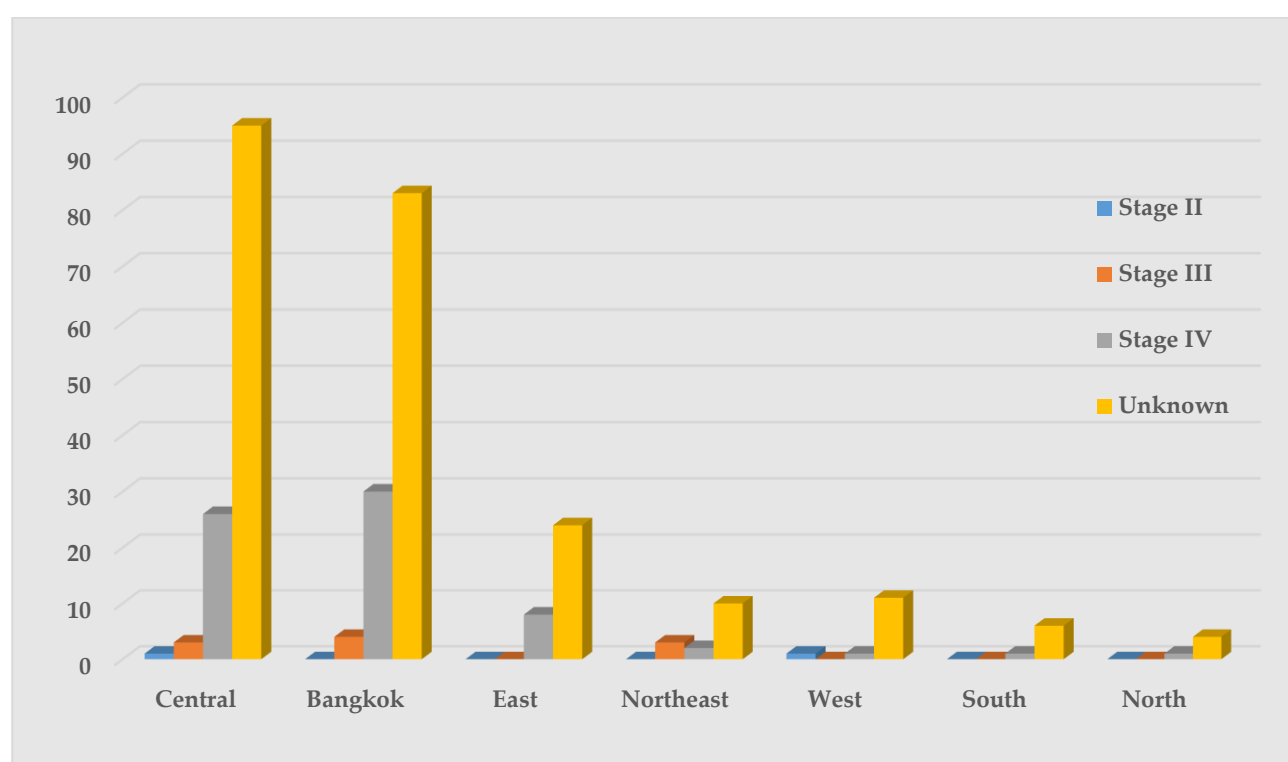
**Figure 6.12** Distribution of staging for liver cancer of region, 2021.

Table 6.14 Distribution of staging for prostate cancer of region, 2021.

Region	Staging				
	Stage I	Stage II	Stage III	Stage IV	Unknown
Bangkok	3	5	13	32	94
Central	6	3	8	19	66
East	1	0	1	5	15
West	0	1	0	1	8
Northeast	0	0	0	0	7
South	0	0	1	0	5

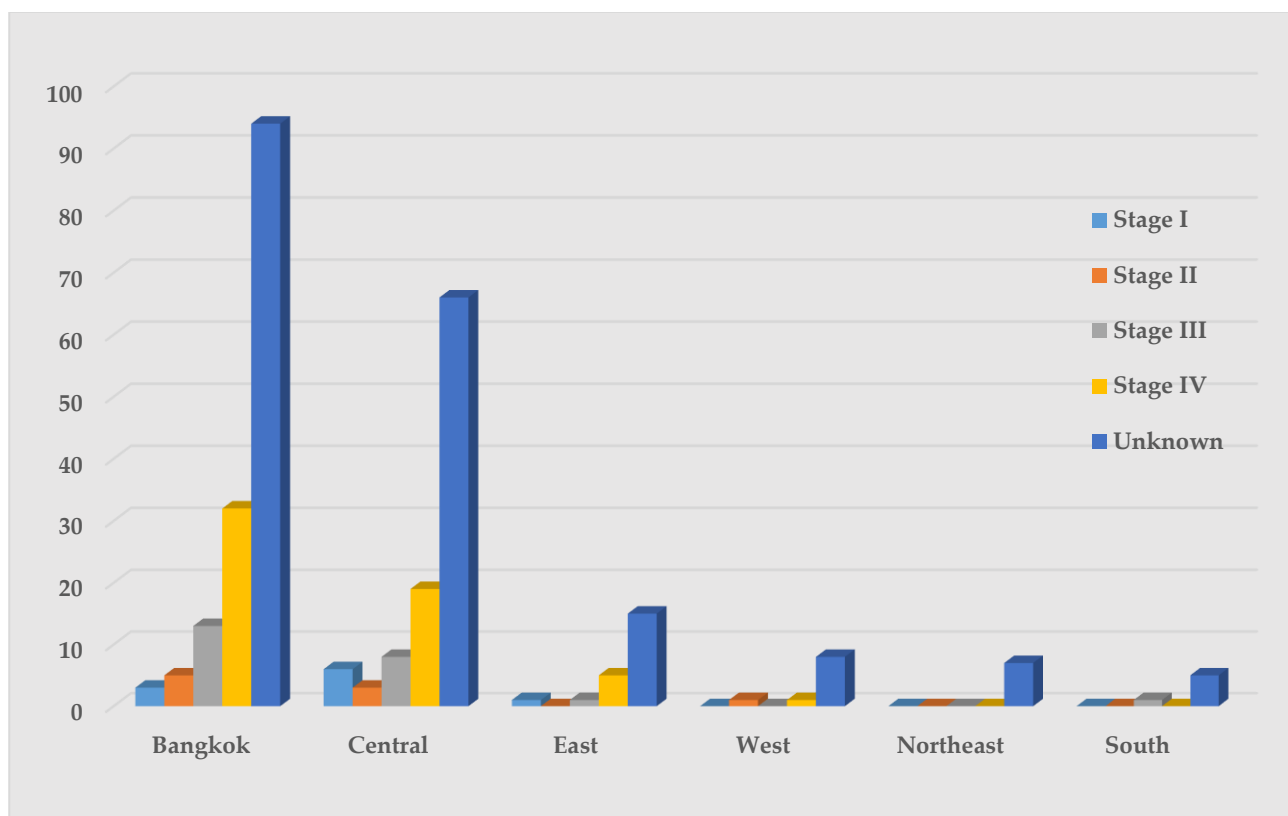


Figure 6.13 Distribution of staging for prostate cancer of region, 2021.

CHAPTER VII

FIVE YEAR OVERALL SURVIVAL OF PATIENTS AT RAMATHIBODI

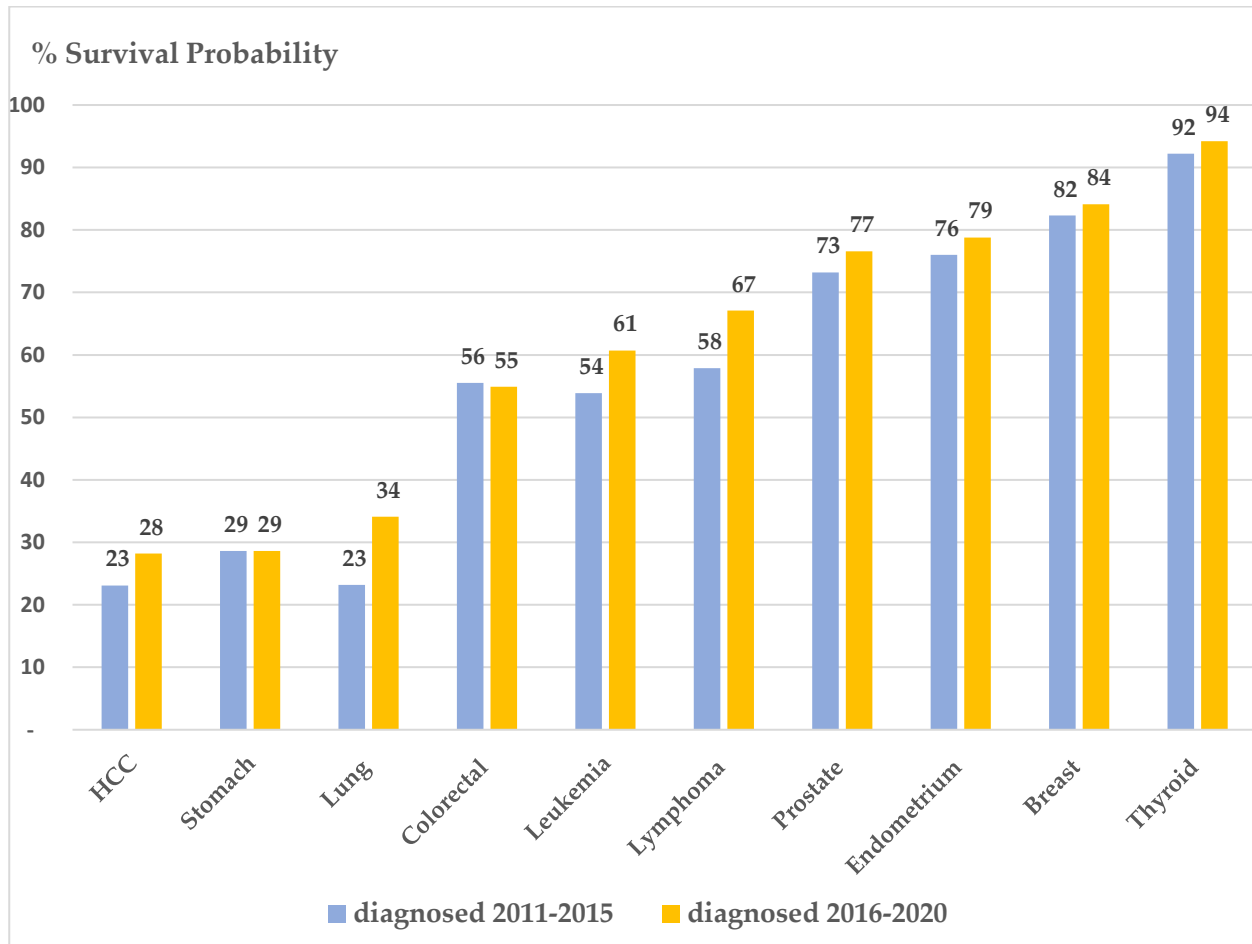


Figure 7.1 Five year overall survival of patients at Ramathibodi.

* Follow up till March 2022

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