



RAMATHIBODI CANCER REPORT 2013

RAMATHIBODI CANCER REGISTRY
Faculty of Medicine, Ramathibodi Hospital
Mahidol University



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INTRODUCTION

Ramathibodi Cancer Registry 2013 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 unit 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.

Assoc. Prof. Surasak Leelaudomlpi

Director of Ramathibodi Hospital
Faculty of medicine, Ramathibodi Hospital
Mahidol University



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We would like to express our gratitude to:

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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 team who have pushed their maximum efforts in contribution to the good quality cancer data.

Prof. Sarikapan Wilailak, M.D.

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



Exclusion criteria

1. Benign tumors
2. Pre-malignant

Remarks: When a cancer case is reported 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; researchers whose diagnosis were based on cytology or histology examination of tissue from primary site or metastasis site, peripheral blood and bone marrow aspiration, including autopsy specimens.

Childhood cancer:

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



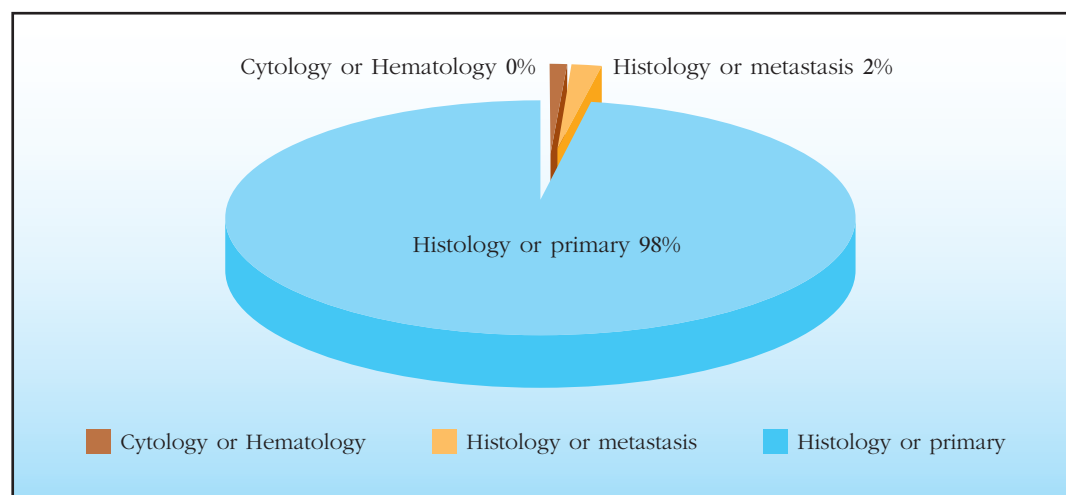
CHAPTER II

OVERALL CANCERS

Table 2.1 Most valid method of diagnosis

Basis of diagnosis	Number	Percentage
Cytology or Hematology	1	0.03
Histology or metastasis	51	1.71
Histology of primary	2,939	98.26
Total	2,991	100.00

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	8	53.33	16	69.57	24	63.16
Regional LN	0	0.00	1	4.35	1	2.63
Distant metastasis	3	20.00	4	17.39	7	18.42
Unknown	4	26.67	2	8.70	6	15.79
Total	15	100.00	23	100.00	38	100.00

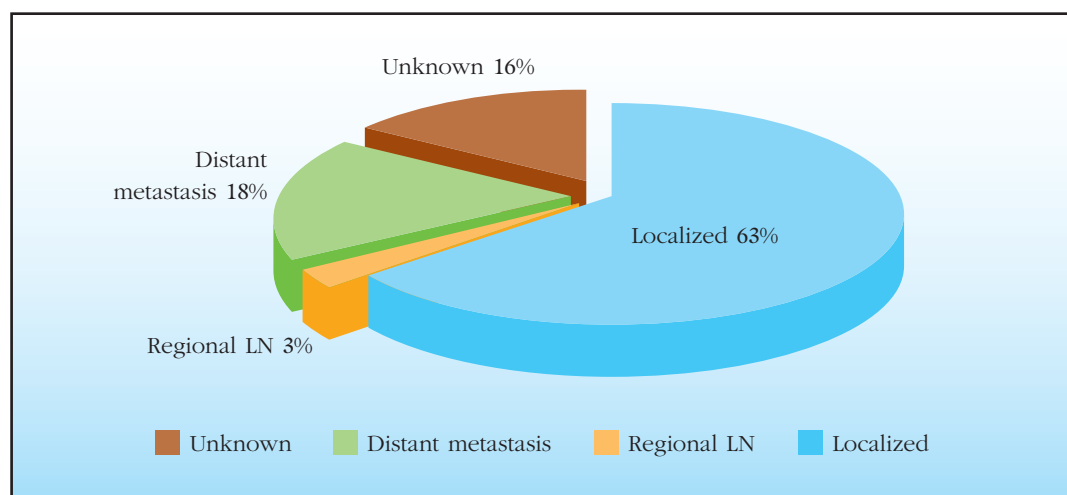
Figure 2.2 Number of cancer cases by present extent of disease

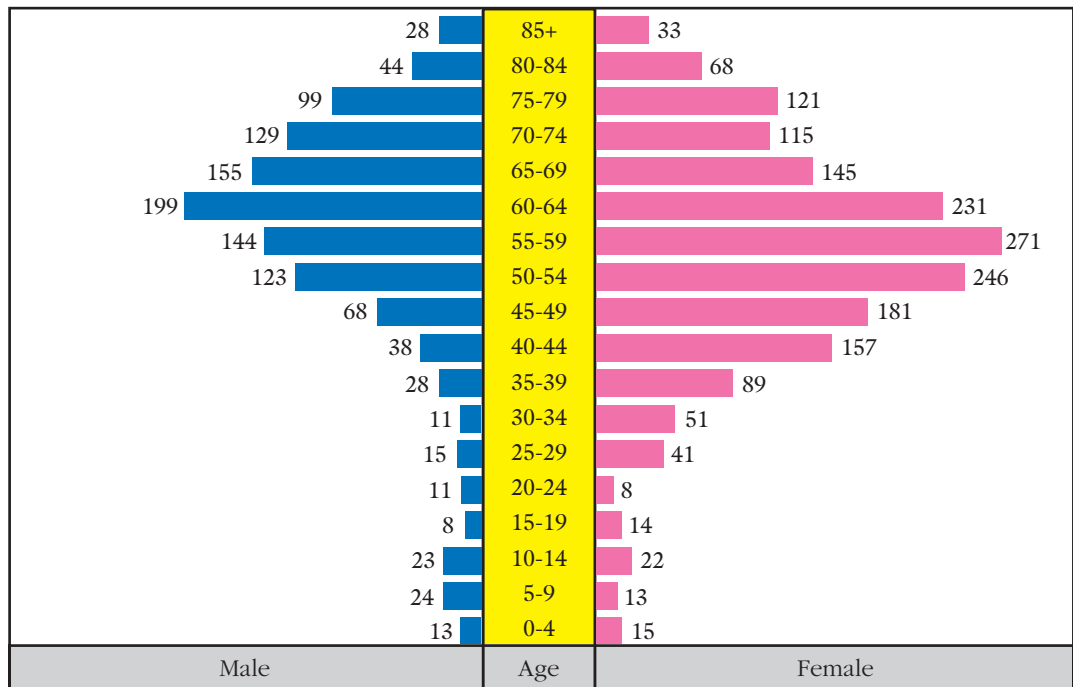


Table 2.3 Number of cancer case by age and sex, 2013

Age group	Male		Female		Both sexes	
	Number	%	Number	%	Number	%
0-4	13	1.12	15	0.82	28	0.94
5-9	24	2.07	13	0.71	37	1.24
10-14	23	1.98	22	1.21	45	1.51
15-19	8	0.69	14	0.77	22	0.74
20-24	11	0.95	8	0.44	19	0.64
25-29	15	1.29	41	2.25	56	1.88
30-34	11	0.95	51	2.80	62	2.08
35-39	28	2.41	89	4.89	117	3.92
40-44	38	3.28	157	8.62	195	6.54
45-49	68	5.86	181	9.94	249	8.35
50-54	123	10.60	246	13.51	369	12.38
55-59	144	12.41	271	14.88	415	13.92
60-64	199	17.16	231	12.69	430	14.42
65-69	155	13.36	145	7.96	300	10.06
70-74	129	11.12	115	6.32	244	8.19
75-79	99	8.53	121	6.64	220	7.38
80-84	44	3.79	68	3.73	112	3.76
85+	28	2.41	33	1.81	61	2.05
Total	1,160	99.98	1,821	99.99	2,981	100
Mean		58.47		55.10		56.38
S.D.		17.7		16.3		16.9



Figure 2.3 Patient pyramids by sex and age group, 2013





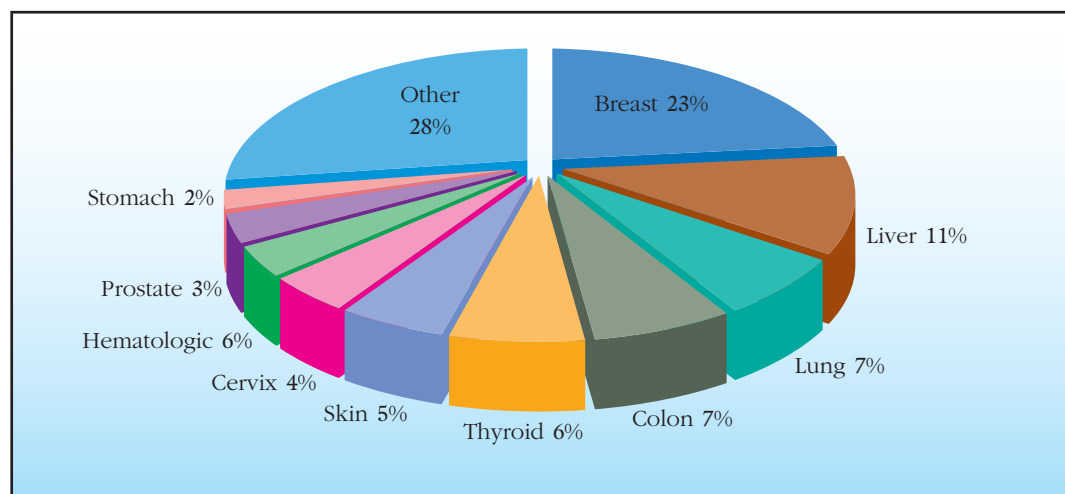
CHAPTER III

2013 TEN LEADING SITES OF CANCER

Table 3.1 Ten leading sites of cancer in both sexes.

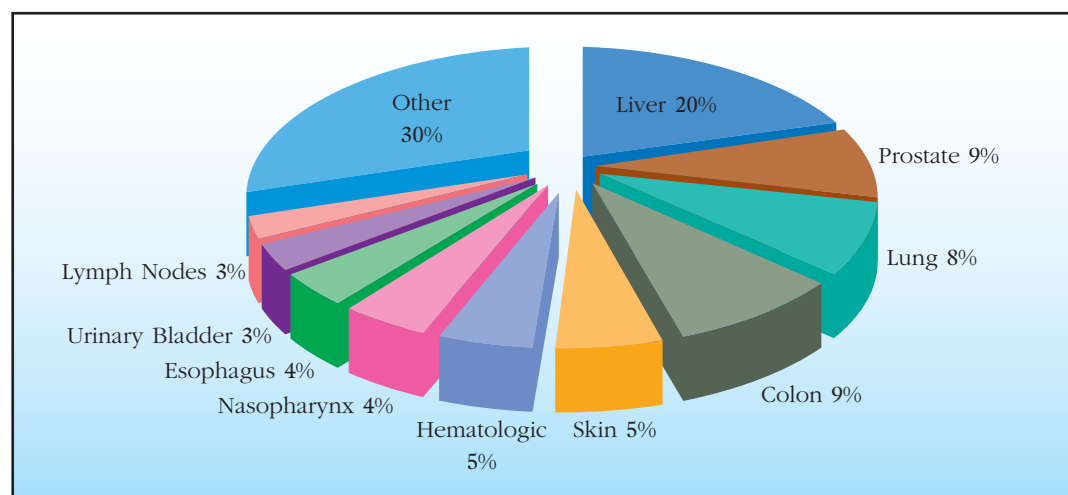
Site	ICD-O	Number of cases	%
1. BREAST	C50	698	23.34
2. LIVER AND INTRAHEPATIC BILE DUCTS	C22	338	11.30
3. LUNG AND BRONCHUS	C34	200	6.69
4. COLON	C18	197	6.59
5. THYROID GLAND	C73	183	6.12
6. SKIN	C44	150	5.02
7. CERVIX UTERI	C53	123	4.11
8. HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	C42	107	3.58
9. PROSTATE GLAND	C61	103	3.44
10. STOMACH	C16	71	2.37
11. OTHER		821	27.45
Total		2,991	100.00

Figure 3.1 Ten leading sites of cancer in both sexes.



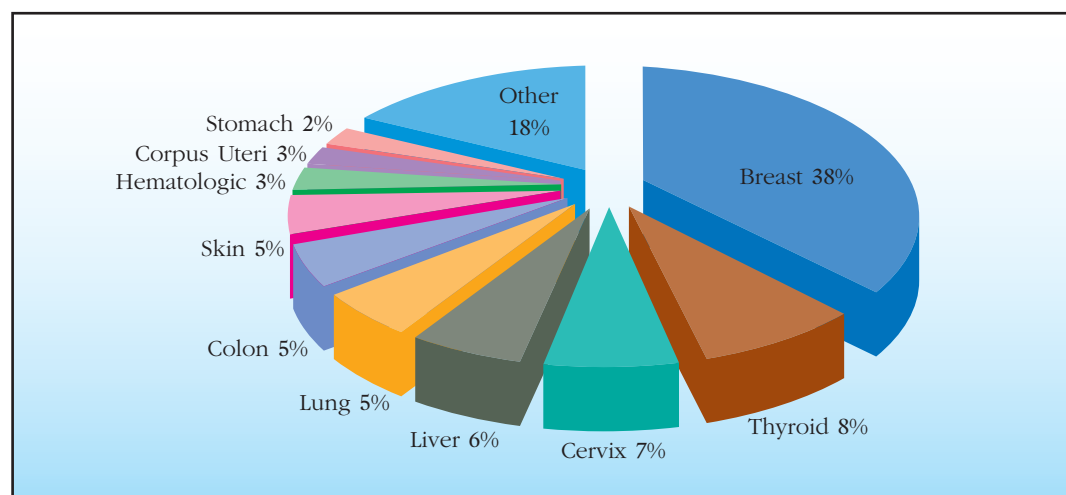
**Table 3.2** Ten leading sites of cancer in male.

Site	ICD-O	Number of cases	%
1. LIVER AND INTRAHEPATIC BILE DUCTS	C22	231	19.90
2. PROSTATE GLAND	C61	102	8.79
3. LUNG AND BRONCHUS	C34	100	8.61
4. COLON	C18	100	8.61
5. SKIN	C44	60	5.17
6. HEMATOPOIETIC	C42	54	4.65
7. NASOPHARYNX	C11	51	4.39
8. ESOPHAGUS	C15	44	3.79
9. URINARY BLADDER	C67	37	3.19
10. LYMPH NODES	C77	31	2.67
11. OTHER		351	30.23
Total		1,161	100.00

Figure 3.2 Ten leading sites of cancer in male.

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

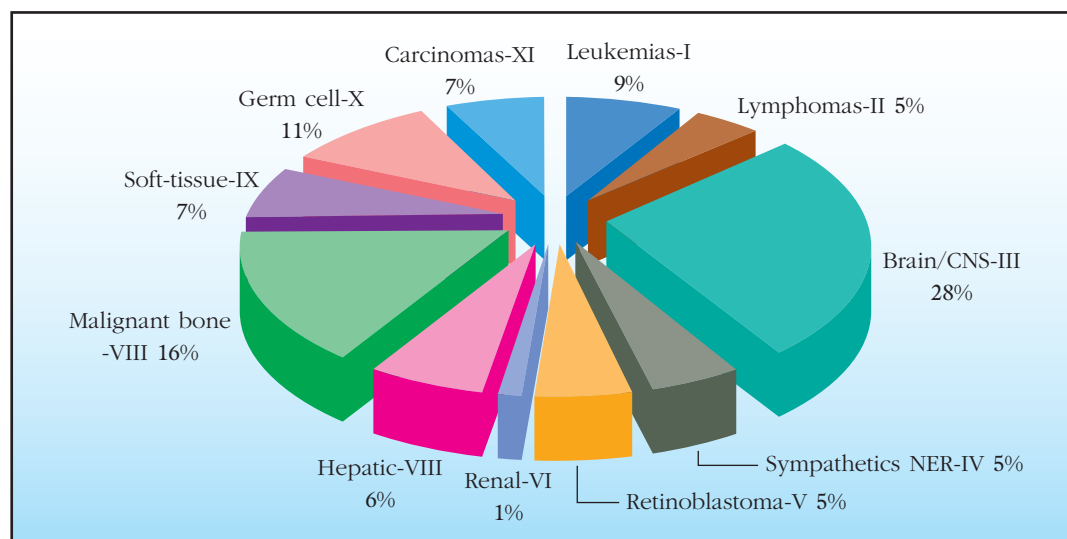
Site	ICD-O	Number of cases	%
1. BREAST	C50	692	38.00
2. THYROID GLAND	C73	153	8.40
3. CERVIX UTERI	C53	123	6.75
4. LIVER AND BILE DUCT	C22	106	5.82
5. LUNG AND BRONCHUS	C34	98	5.38
6. COLON	C18	95	5.22
7. SKIN	C44	89	4.89
8. HEMATOPOIETIC	C42	53	2.91
9. CORPUS UTERI	C54	48	2.64
10. STOMACH	C16	41	2.25
11. OTHER		323	17.74
Total		1,821	100.00

Figure 3.3 Ten leading sites of cancer in Female.

**Table 3.4** Number of case for childhood cancer by ICCC, age<15, both sexes.

Staging	Male		Female		Total	
	Number	%	Number	%	Number	%
Leukemias-I	5	10.64	2	5.71	7	8.54
Lymphomas-II	3	6.38	1	2.86	4	4.88
Brain/CNS-III	8	17.02	15	42.86	23	28.05
Sympathetics NER-IV	2	4.26	2	5.71	4	4.88
Retinoblastoma-V	2	4.26	2	5.71	4	4.88
Renal-VI	0	0.00	1	2.86	1	1.22
Hepatic-VII	2	4.26	3	8.57	5	6.10
Malignant bone-VIII	11	23.40	2	5.71	13	15.85
Soft-tissue-IX	4	8.51	2	5.71	6	7.32
Germ cell-X	7	14.89	2	5.71	9	10.98
Carcinomas-XI	3	6.38	3	8.57	6	7.32
Total	47	100.00	35	100.00	82	100.00

*ICCC: International Childhood Cancer Classification

Figure 3.4 Number of case for childhood cancer by ICCC group, 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	0.00	5	0.27	5	0.17	C00
Tongue	15	1.29	8	0.44	23	0.77	C01-C02
Mouth	12	1.03	6	0.33	18	0.60	C03-C06
Salivary gland	4	0.34	2	0.11	6	0.20	C07-C08
Oropharynx	8	0.69	1	0.05	9	0.30	C09-C10
Nasopharynx	51	4.40	17	0.93	68	2.28	C11
Hypopharynx	18	1.55	2	0.11	20	0.67	C12-C13
Esophagus	44	3.79	1	0.05	45	1.51	C15
Stomach	30	2.59	41	2.25	71	2.38	C16
Small intestine	4	0.34	7	0.38	11	0.37	C17
Colon	100	8.62	95	5.22	195	6.55	C18
Rectum	30	2.59	28	1.54	58	1.95	C19-C21
Liver	231	19.91	106	5.83	337	11.31	C22
Gallbladder and other parts of billiary tract	12	1.03	20	1.10	32	1.07	C23-C24
Pancreas	15	1.29	19	1.04	34	1.14	C25
Nose, sinuses etc.	14	1.21	5	0.27	19	0.64	C30-C31
Larynx	22	1.90	2	0.11	24	0.81	C32
Trachea,Bronchus& lung	101	8.71	98	5.39	199	6.68	C33-C34
Thymus mediastinum	8	0.69	7	0.38	15	0.50	C37-C38
Bone	21	1.81	12	0.66	33	1.11	C40-C41
Haematopoetic and Reticuloendothelial	54	4.66	53	2.91	107	3.59	C42
Other skin	60	5.17	89	4.89	149	5.00	C44
Retroperitonium and peritoneum	2	0.17	1	0.05	3	0.10	C48



Site	Male		Female		Total		ICD O
	N	(%)	N	(%)	N	(%)	
Connective, Subcu. & Soft tissue	19	1.64	9	0.49	28	0.94	C49
Breast	4	0.34	692	38.04	696	23.36	C50
Other female genital	0	0.00	11	1.45	11	0.37	C51, C52, C57
Cervix uteri	0	0.00	123	6.76	123	4.13	C53
Corpus uteri	0	0.00	48	2.64	48	1.61	C54
Ovary	0	0.00	41	2.25	41	1.38	C56
Placenta	0	0.00	3	0.16	3	0.10	C58
Penis	6	0.52	0	0.00	6	0.20	C60
Prostate	103	8.84	0	0.00	103	3.46	C61
Testis	1	0.09	0	0.00	1	0.03	C62
Bladder	37	3.19	13	0.71	50	1.68	C67
Kidney etc	25	2.16	12	0.66	37	1.24	C64-C66, C68
Eye	5	0.43	6	0.33	11	0.37	C69
Brain, nervous system	25	2.16	32	1.76	57	1.91	C71
Spinal cord and nervous system	1	0.09	3	0.16	4	0.13	C72
Thyroid	30	2.59	153	8.41	183	6.14	C73
Adrenal gland	0	0.00	2	0.11	2	0.07	C74
Other endocrine gland	5	0.43	0	0.00	5	0.17	C75
Other and ill-defined site	0	0.00	1	0.05	1	0.03	C76
Lymph nodes	31	2.67	31	1.70	62	2.08	C77
Unknown primary site	12	1.03	14	0.77	26	0.87	C80
All sites	1,160	100	1,819	100	2,979	100	ALL

**Table 4.2** Percentage of morphologically verified (MV) out of total cases from each site

Site	Male		Female		Total		ICD O
	Case	%MV	Case	%MV	Case	%MV	
Lip	0	0.00	5	100.00	5	100.00	C00
Tongue	15	100.00	8	100.00	23	100.00	C01-C02
Mouth	12	100.00	6	100.00	18	100.00	C03-C06
Salivary gland	4	100.00	2	100.00	6	100.00	C07-C08
Oropharynx	8	100.00	1	100.00	9	100.00	C09-C10
Nasopharynx	51	100.00	17	100.00	68	100.00	C11
Hypopharynx	18	100.00	2	100.00	20	100.00	C12-C13
Esophagus	44	100.00	1	100.00	45	100.00	C15
Stomach	30	100.00	41	100.00	71	100.00	C16
Small intestine	4	100.00	7	100.00	11	100.00	C17
Colon	100	100.00	95	100.00	195	100.00	C18
Rectum	30	100.00	28	100.00	58	100.00	C19-C21
Liver	231	100.00	106	100.00	337	100.00	C22
Gallbladder and other parts of biliary tract	12	100.00	20	100.00	32	100.00	C23-C24
Pancreas	15	100.00	19	100.00	34	100.00	C25
Nose, sinuses etc.	14	100.00	5	100.00	19	100.00	C30-C31
Larynx	22	100.00	2	100.00	24	100.00	C32
Trachea, Bronchus & lung	101	100.00	98	100.00	199	100.00	C33-C34
Thymus mediastinum	8	100.00	7	100.00	15	100.00	C37-C38
Bone	21	100.00	12	100.00	33	100.00	C40-C41
Haematopoietic and Reticuloendothelial	54	100.00	53	100.00	107	100.00	C42
Other skin	60	100.00	89	100.00	149	100.00	C44
Retroperitoneum and peritoneum	2	100.00	1	100.00	3	100.00	C48
Connective, Subcu. & Soft tissue	19	100.00	9	100.00	28	100.00	C49



Site	Male		Female		Total		ICD O
	Case	%MV	Case	%MV	Case	%MV	
Breast	4	100.00	692	100.00	696	100.00	C50
Other female genital	0	0.00	11	100.00	11	100.00	C51, C52, C57
Cervix uteri	0	0.00	123	100.00	123	100.00	C53
Corpus uteri	0	0.00	48	100.00	48	100.00	C54
Ovary	0	0.00	41	100.00	41	100.00	C56
Placenta	0	0.00	3	100.00	3	100.00	C58
Penis	6	100.00	0	0.00	6	100.00	C60
Prostate	103	100.00	0	0.00	103	100.00	C61
Testis	1	100.00	0	0.00	1	100.00	C62
Bladder	37	100.00	13	100.00	50	100.00	C67
Kidney etc	25	100.00	12	100.00	37	100.00	C64-C66, C68
Eye	5	100.00	6	100.00	11	100.00	C69
Brain, nervous system	25	100.00	32	100.00	57	100.00	C71
Spinal cord and nervous system	1	100.00	3	100.00	4	100.00	C72
Thyroid	30	100.00	153	100.00	183	100.00	C73
Adrenal gland	0	0.00	2	100.00	2	100.00	C74
Other endocrine gland	5	100.00	0	0.00	5	100.00	C75
Other and ill-defined site	0	0.00	1	100.00	1	100.00	C76
Lymph nodes	31	100.00	31	100.00	62	100.00	C77
Unknown primary site	12	100.00	14	100.00	26	100.00	C80
All sites	1,160	100.00	1,819	100.00	2,979	100.00	ALL



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

Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	S.D.
GRAND TOTAL																					
M	1160	13	24	23	8	11	15	11	28	38	68	123	144	199	155	129	99	44	28	58.47	17.7
F	1821	15	13	22	14	8	41	51	89	157	181	246	271	231	145	115	121	68	33	55.1	16.3
T	2981	28	37	45	22	19	56	62	117	195	249	369	415	430	300	244	220	112	61	56.38	16.9
C00 LIP																					
F	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	0	74	8.15
T	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	0	74	8.15
C01 BASE OF TOUNGUE																					
M	5	0	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	59	10.8
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	76	0
T	6	0	0	0	0	0	0	0	0	2	0	0	1	2	0	1	0	0	0	61.83	11.9
C02 OTHER AND UNSPECIFIED PART OF TONGUE																					
M	10	0	0	0	0	0	0	1	1	1	0	1	2	1	1	0	1	0	1	56.4	17.2
F	7	0	0	0	0	0	1	0	1	0	1	1	0	1	0	1	1	0	0	53.14	18.6
T	17	0	0	0	0	0	1	1	2	1	1	2	2	2	1	1	2	0	1	55.06	17.3
C03 GUM																					
M	3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	61	8.54
F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	59	0
T	4	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	60.5	7.05
C04 FLOOR OF MOUTH																					
M	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	61.67	10.7
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	61.67	10.7
C05 PALATE																					
M	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	67.67	14
F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	59	0
T	4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	65.5	12.2
C06 OTHER AND UNSPECIFIED PART OF MOUTH																					
M	3	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	54.67	7.51
F	4	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	67.5	14.3
T	7	0	0	0	0	0	0	0	0	2	0	2	1	0	0	1	1	0	0	62	12.9
C07 PAROTID GLAND																					
M	4	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	63.75	22.8
F	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	52.5	2.12
T	6	0	0	0	0	0	0	0	0	1	1	2	0	0	0	1	0	0	1	60	18.6



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS																					
F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	72.5	0.71
T	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	72.5	0.71
C09 TONSIL																					
M	7	0	0	0	0	1	0	0	0	0	0	2	0	1	1	1	1	0	0	57.71	18
T	7	0	0	0	0	1	0	0	0	0	0	2	0	1	1	1	1	0	0	57.71	18
C10 OROPHARYNX																					
M	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	56	0
F	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	52	0
T	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	54	2.83
C11 NASOPHARYNX																					
M	51	0	0	0	0	0	1	2	2	3	10	11	8	10	3	1	0	0	0	52.84	9.96
F	17	0	0	0	0	1	2	2	1	3	3	1	2	1	0	0	1	0	0	44.12	14.3
T	68	0	0	0	0	1	3	4	3	6	13	12	10	11	3	1	1	0	0	50.66	11.7
C12 PYRIFORM SINUS																					
M	16	0	0	0	0	0	0	0	0	1	0	4	2	4	1	0	3	1	0	61.88	12.1
F	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	61	0
T	17	0	0	0	0	0	0	0	0	1	0	4	2	5	1	0	3	1	0	61.82	11.7
C13 HYPOPHARYNX																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	68	1.41
F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	59	0
T	3	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	65	5.29
C15 ESOPHAGUS																					
M	44	0	0	0	0	0	0	0	0	0	2	6	8	10	7	5	4	2	0	63.23	9.03
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	72	0
T	45	0	0	0	0	0	0	0	0	0	2	6	8	10	7	6	4	2	0	63.42	9.03
C16 STOMACH																					
M	30	0	0	0	0	0	0	0	0	1	2	5	2	4	6	5	1	3	1	64.33	11.5
F	41	0	0	0	0	0	1	1	1	2	8	4	3	5	4	6	1	3	2	59.34	14.8
T	71	0	0	0	0	0	1	1	1	3	10	9	5	9	10	11	2	6	3	61.45	13.7
C17 SMALL INTESTINE																					
M	4	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	61.75	19.2
F	7	0	0	0	0	0	0	0	1	0	1	0	1	0	0	2	1	0	1	64.43	18.2
T	11	0	0	0	0	0	0	0	2	0	1	0	1	1	1	2	1	1	1	63.45	17.6
C18 COLON																					
M	100	0	0	0	0	0	0	0	2	3	4	9	9	23	16	13	8	6	7	65.11	11.7
F	95	0	0	0	0	0	0	0	2	0	9	10	13	14	10	14	13	6	4	64.57	11.8
T	195	0	0	0	0	0	0	0	4	3	13	19	22	37	26	27	21	12	11	64.63	11.9



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	
C19 RECTOSIGMOID JUNCTION																					
M	5	0	0	0	0	0	0	0	0	1	0	2	1	0	1	0	0	0	0	53.8	8.17
F	5	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	0	62.2	11
T	10	0	0	0	0	0	0	0	0	1	1	2	2	1	2	0	1	0	0	58	10.2
C20 RECTUM																					
M	24	0	0	0	0	0	0	0	0	1	4	2	5	2	2	1	6	0	1	62.21	13.2
F	22	0	0	0	0	0	0	0	1	5	1	2	2	4	1	3	2	1	0	58.41	13.4
T	46	0	0	0	0	0	0	0	1	6	5	4	7	6	3	4	8	1	1	60.39	13.3
C21 ANUS AND ANAL CANAL																					
M	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	44	0
F	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	51	0
T	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	47.5	4.95
C22 LIVER AND INTRAHEPATIC BILE DUCTS																					
M	231	2	0	0	0	1	0	4	5	8	18	35	40	45	28	18	19	8	0	59.54	12.3
F	106	3	0	0	0	0	1	1	1	5	3	13	18	18	12	6	14	10	1	61.38	16.5
T	337	5	0	0	0	1	1	5	6	13	21	48	58	63	40	24	33	18	1	60.07	13.8
C23 GALLBLADDER																					
M	6	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	1	65	13.6
F	11	0	0	0	0	0	0	0	0	0	1	0	3	3	2	2	0	0	0	62.82	7.87
T	17	0	0	0	0	0	0	0	0	0	1	0	7	3	2	2	1	0	1	63.59	9.89
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT																					
M	6	0	0	0	0	0	0	0	1	0	0	1	0	1	2	1	0	0	0	60	13
F	9	0	0	0	0	0	0	0	0	1	0	0	2	0	2	2	2	0	0	65.44	11.9
T	15	0	0	0	0	0	0	0	1	1	0	1	2	1	4	3	2	0	0	63.27	12.2
C25 PANCREAS																					
M	15	0	0	0	0	0	0	0	0	1	2	2	1	4	2	2	1	0	0	60.47	9.71
F	19	0	0	0	0	0	0	0	1	0	1	2	1	2	3	1	5	1	2	67.42	14
T	34	0	0	0	0	0	0	0	1	1	3	4	2	6	5	3	6	1	2	64.35	12.6
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER																					
M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	70	0
T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	70	0
C30 NASAL CAVITY AND MIDDLE EAR																					
M	8	1	0	0	0	0	0	0	0	0	1	0	1	2	3	0	0	0	0	54	22.2
F	4	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	59	16.1
T	12	1	0	0	0	0	0	0	1	0	1	0	2	3	3	0	1	0	0	55.67	19.7



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	
C31 ACCESSORY SINUSES																					
M	6	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	52.67	11
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	69	0
T	7	0	0	0	0	0	0	1	0	0	1	1	1	1	2	0	0	0	0	55	11.8
C32 LARYNX																					
M	22	0	0	0	0	0	0	0	0	0	1	0	4	6	3	6	2	0	0	65.09	7.84
F	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	60.5	6.36
T	24	0	0	0	0	0	0	0	0	0	1	0	5	6	4	6	2	0	0	64.71	7.72
C33 TRACHEA																					
M	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	52	0
T	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	52	0
C34 LUNG AND BRONCHUS																					
M	100	0	0	0	0	0	0	0	2	3	4	10	13	17	18	9	16	4	4	64.88	11.6
F	98	0	0	0	0	0	0	0	4	2	0	12	20	14	16	11	12	6	1	63.65	11.1
T	198	0	0	0	0	0	0	0	6	5	4	22	33	31	34	20	28	10	5	64.07	11.5
C37 THYMUS																					
M	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	71.75	2.75
F	4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	60.25	7.18
T	8	0	0	0	0	0	0	0	0	0	0	0	3	0	1	3	1	0	0	66	7.95
C38 HEART, MEDIASTINUM AND PLEURA																					
M	4	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	22.75	27.9
F	3	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	21.33	7.23
T	7	1	1	1	1	0	2	0	0	0	0	0	0	1	0	0	0	0	0	22.14	20.2
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS																					
M	13	0	4	3	1	2	0	0	0	1	0	1	1	0	0	0	0	0	0	22.23	17.3
F	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1.41
T	15	0	4	4	2	2	0	0	0	1	0	1	1	0	0	0	0	0	0	21.13	16.3
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES																					
M	8	1	4	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	17.13	15.7
F	10	0	0	1	0	0	1	1	1	2	1	0	2	1	0	0	0	0	0	41.6	15
T	18	1	4	1	0	0	2	2	1	2	2	0	2	1	0	0	0	0	0	30.72	19.4
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS																					
M	54	4	4	8	2	2	2	1	5	1	2	3	3	5	3	6	1	0	2	39.54	26.4
F	53	5	4	6	0	1	1	0	2	3	4	4	2	5	2	4	6	4	0	44.94	27.9
T	107	9	8	14	2	3	3	1	7	4	6	7	5	10	5	10	7	4	2	42.21	27.2



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	
C44 SKIN																					
M	60	0	0	0	0	2	1	1	2	0	7	5	9	5	10	12	5	1	64.92	14.1	
F	89	0	0	2	0	0	0	2	0	4	3	10	13	10	7	5	11	11	11	65.62	16.8
T	149	0	0	2	0	2	3	1	6	3	17	18	19	12	15	23	16	12	65.19	15.8	
C48 RETROPERITONEUM AND PERITONEUM																					
M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	70	0
F	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	60	0
T	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	66.67	5.77
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES																					
M	19	1	2	1	1	0	3	0	0	3	2	3	0	1	1	0	1	0	0	37.26	21.8
F	9	0	0	2	0	0	0	0	1	1	0	1	1	0	0	1	0	1	1	50.78	28.2
T	28	1	2	3	1	0	3	0	1	4	2	4	1	1	1	1	1	1	1	41.61	24.4
C50 BREAST																					
M	4	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	34	11.9
F	761	0	0	0	1	1	8	24	44	101	100	139	120	105	48	27	27	11	5	53.61	11.8
T	765	0	0	0	1	2	9	24	45	101	101	139	120	105	48	27	27	11	5	53.47	11.9
C51 VULVA																					
F	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	82.5	8.85
T	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	82.5	8.85
C52 VAGINA																					
F	5	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	64.4	10.2
T	5	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	64.4	10
C53 CERVIX UTERI																					
F	123	0	0	0	0	0	3	3	10	9	20	15	22	10	13	9	6	2	1	54.98	13.1
T	123	0	0	0	0	0	3	3	10	9	20	15	22	10	13	9	6	2	1	54.98	13.1
C54 CORPUS UTERI																					
F	48	0	0	0	0	0	0	0	1	2	4	10	12	9	3	5	2	0	0	58.25	9.01
T	48	0	0	0	0	0	0	0	1	2	4	10	12	9	3	5	2	0	0	58.25	9.01
C56 OVARY																					
F	41	0	0	0	4	0	1	0	0	5	7	9	7	4	0	2	1	1	0	49.98	14.8
T	41	0	0	0	4	0	1	0	0	5	7	9	7	4	0	2	1	1	0	49.83	14.7
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS																					
F	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	63	0
T	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	63	0
C58 PLACENTA																					
F	3	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	29.67	3.21
T	3	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	29.67	3.21



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	
C60 PENIS																					
M	6	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	3	0	0	64.67	14.9
T	6	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	3	0	0	64.67	14.9
C61 PROSTATE GLAND																					
M	103	0	0	0	0	0	0	0	1	0	2	2	4	24	20	25	13	7	5	69.22	8.51
T	103	0	0	0	0	0	0	0	1	0	2	2	4	24	20	25	13	7	5	68.9	9.04
C62 TESTIS																					
M	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	27	0
T	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	27	0
C64 KIDNEY																					
M	19	0	0	0	0	0	0	0	1	2	1	3	4	0	4	4	0	0	0	58.79	11.1
F	9	1	0	0	0	0	0	0	1	0	2	1	1	1	1	0	0	0	0	49.33	21
T	28	1	0	0	0	0	0	0	2	2	3	4	5	1	5	5	0	0	0	55.75	15.3
C65 RENAL PELVIS																					
M	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	69	7
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	69	7
C66 URETER																					
M	3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	65	13.8
F	3	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	55	5
T	6	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	1	0	60	10.8
C67 URINARY BLADDER																					
M	37	0	0	0	0	0	0	0	0	0	2	3	6	7	5	5	3	3	3	66.76	11.3
F	13	0	0	0	0	0	0	0	0	0	1	1	3	1	4	0	1	2	0	64.62	10.7
T	50	0	0	0	0	0	0	0	0	0	3	4	9	8	9	5	4	5	3	66.2	11.1
C69 EYE AND ADNEXA																					
M	5	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	36.4	35.8
F	6	2	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	32.83	25.3
T	11	4	0	0	0	0	0	0	1	1	2	0	1	1	0	0	0	1	0	34.45	28.9
C70 MENINGES																					
F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	52	0
T	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	52	0
C71 BRAIN																					
M	27	1	6	2	2	4	1	0	1	2	1	0	1	2	3	1	0	0	0	30.93	23.3
F	32	2	9	6	0	1	1	1	0	1	0	4	1	1	1	0	1	3	0	30.72	27.7
T	59	3	15	8	2	5	2	1	1	3	1	4	2	3	4	1	1	3	0	30.81	25.6



Site	Total	0+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	Mean	
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM																					
M	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15	7.07
F	3	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	41.67	15.5
T	5	0	0	1	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0	31	18.6
C73 THYROID GLAND																					
M	30	0	0	3	0	1	2	0	0	2	1	3	9	5	3	1	0	0	0	49.63	17.8
F	153	0	0	1	7	3	15	16	17	15	15	11	15	15	13	3	7	0	0	46.14	16
T	183	0	0	4	7	4	17	16	17	17	16	14	24	20	16	4	7	0	0	46.72	16.3
C74 ADRENAL GLAND																					
F	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.5	2.12
T	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.5	2.12
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES																					
M	5	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3.08
T	5	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3.08
C76 OTHER AND ILL-DEFINED SITES																					
F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	80	0
T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	80	0
C77 LYMPH NODES																					
M	31	0	3	1	1	0	1	0	3	0	1	2	3	6	7	2	0	1	0	51.1	21.6
F	31	0	0	2	1	1	2	0	2	2	1	2	4	6	2	0	2	2	2	53.16	21.3
T	62	0	3	3	2	1	3	0	5	2	2	4	7	12	9	2	2	3	2	52.13	21.3
C80 UNKNOWN PRIMARY SITE																					
M	12	0	0	0	0	0	0	0	0	0	1	1	1	1	3	2	1	1	1	67.58	11.4
F	14	0	0	0	0	0	0	0	1	0	1	1	1	3	2	3	1	1	0	63	12.8
T	26	0	0	0	0	0	0	0	1	0	2	2	2	4	5	5	2	2	1	65.12	12.1

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

ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C00 LIP	0	5	5
C00.1 External lower lip	0	4	4
C00.4 Mucosa of lower lip	0	1	1
C01 BASE OF TOUNGUE	5	1	6
C01.9 Base of tongue, NOS	5	1	6
C02 OTHER AND UNSPECIFIED PART OF TONGUE	10	7	17
C02.9 Tongue, NOS	10	7	17
C03 GUM	3	1	4
C03.1 Lower gum	1	1	2
C03.9 Gum, NOS	2	0	2
C04 FLOOR OF MOUTH	3	0	3
C04.9 Floor of mouth, NOS	3	0	3
C05 PALATE	3	1	4
C05.0 Hard palate	2	1	3
C05.1 Soft palate, NOS	1	0	1
C06 OTHER AND UNSPECIFIED PART OF MOUTH	3	4	7
C06.0 Cheek mucosa	2	3	5
C06.2 Retromolar area	1	1	2
C07 PAROTID GLAND	4	2	6
C07.9 Parotid gland	4	2	6
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS	0	2	2
C08.0 Submandibular gland	0	2	2
C09 TONSIL	7	0	7
C09.1 Tonsillar pillar	1	0	1
C09.9 Tonsil, NOS	6	0	6
C10 OROPHARYNX	1	1	2
C10.9 Oropharynx, NOS	1	1	2
C11 NASOPHARYNX	51	17	68
C11.9 Nasopharynx, NOS	51	17	68
C12 PYRIFORM SINUS	16	1	17
C12.9 Pyriform sinus	16	1	17
C13 HYPOPHARYNX	2	1	3
C13.8 Overl. lesion of hypopharynx	0	1	1
C13.9 Hypopharynx, NOS	2	0	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C15 ESOPHAGUS	44	1	45
C15.1 Thoracic esophagus	10	1	11
C15.3 Upper third of esophagus	5	0	5
C15.4 Middle third of esophagus	1	0	1
C15.5 Lower third of esophagus	5	0	5
C15.9 Esophagus, NOS	23	0	23
C16 STOMACH	30	41	71
C16.0 Cardia, NOS	0	3	3
C16.1 Fundus of stomach	0	1	1
C16.2 Body of stomach	2	5	7
C16.3 Gastric antrum	3	3	6
C16.5 Lesser curvature of stomach, NOS	1	1	2
C16.8 Overl. lesion of stomach	3	1	4
C16.9 Stomach, NOS	21	27	48
C17 SMALL INTESTINE	4	7	11
C17.0 Duodenum	3	3	6
C17.1 Jejunum	0	1	1
C17.2 Ileum	1	1	2
C17.9 Small intestine	0	2	2
C18 COLON	100	95	195
C18.0 Cecum	6	8	14
C18.1 Appendix	2	3	5
C18.2 Ascending colon	10	10	20
C18.3 Hepatic flexure of colon	12	3	15
C18.4 Transverse colon	8	8	16
C18.5 Splenic flexure of colon	1	1	2
C18.6 Descending colon	6	9	15
C18.7 Sigmoid colon	53	49	102
C18.8 Overl. lesion of colon	0	1	1
C18.9 Colon, NOS	2	3	5
C19 RECTOSIGMOID JUNCTION	5	5	10
C19.9 Rectosigmoid junction	5	5	10
C20 RECTUM	24	22	46
C20.9 Rectum, NOS	24	22	46
C21 ANUS AND ANAL CANAL	1	1	2
C21.0 Anus, NOS	1	1	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C22 LIVER AND INTRAHEPATIC BILE DUCTS	231	106	337
C22.0 Liver	160	65	225
C22.1 Intrahepatic bile duct	71	41	112
C23 GALLBLADDER	6	11	17
C23.9 Gallbladder	6	11	17
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT	6	9	15
C24.0 Extrahepatic bile duct	3	1	4
C24.1 Ampulla of Vater	3	8	11
C25 PANCREAS	15	19	34
C25.0 Head of pancreas	9	10	19
C25.1 Body of pancreas	0	1	1
C25.2 Tail of pancreas	2	2	4
C25.7 Other specified parts of pancreas	1	0	1
C25.9 Pancreas, NOS	3	6	9
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER	1	0	1
C26.9 Gastrointestinal tract, NOS	1	0	1
C30 NASAL CAVITY AND MIDDLE EAR	8	4	12
C30.0 Nasal cavity	8	4	12
C31 ACCESSORY SINUSES	6	1	7
C31.0 Maxillary sinus	4	0	4
C31.1 Ethmoid sinus	1	0	1
C31.3 Sphenoid sinus	1	0	1
C31.9 Accessory sinus, NOS	0	1	1
C32 LARYNX	22	2	24
C32.0 Glottis	14	0	14
C32.1 Supraglottis	3	1	4
C32.8 Overl. lesion of larynx	1	0	1
C32.9 Larynx, NOS	4	1	5
C33 TRACHEA	1	0	1
C33.9 Trachea	1	0	1
C34 LUNG AND BRONCHUS	100	98	198
C34.1 Upper lobe, lung	50	39	89
C34.2 Middle lobe, lung	9	7	16
C34.3 Lower lobe, lung	20	31	51
C34.9 Lung, NOS	21	21	42
C37 THYMUS	4	4	8
C37.9 Thymus	4	4	8



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C38 HEART, MEDIASTINUM AND PLEURA	4	3	7
C38.1 Anterior mediastinum	3	2	5
C38.3 Mediastinum, NOS	1	1	2
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS	13	2	15
C40.0 Long bones of upper limb, scapula and associated joints	1	0	1
C40.1 Short bones of upper limb and associated joints	1	0	1
C40.2 Long bones of lower limb and associated joints	10	2	12
C40.3 Short bones of lower limb and associated joints	1	0	1
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES	8	10	18
C41.0 Bones of skull and face and associated joints	3	1	4
C41.1 Mandible	0	1	1
C41.2 Vertebral column	1	1	2
C41.3 Rib, sternum, clavicle and associated joints	0	3	3
C41.4 Pelvic bones, sacrum, coccyx and associated joints	4	4	8
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS	54	53	107
C42.1 Bone marrow	54	53	107
C44 SKIN	60	89	149
C44.0 Skin of lip, NOS	0	2	2
C44.1 Eyelid	9	20	29
C44.2 External ear	5	4	9
C44.3 Skin, other and unspecified parts of face	18	36	54
C44.4 Skin of scalp and neck	5	9	14
C44.5 Skin of trunk	10	3	13
C44.6 Skin of upper limb and shoulder	4	5	9
C44.7 Skin of lower limb and hip	6	9	15
C44.8 Overl. lesion of skin	2	0	2
C44.9 Skin, NOS	1	1	2
C48 RETROPERITONEUM AND PERITONEUM	2	1	3
C48.0 Retroperitoneum	1	1	2
C48.1 Specified parts of peritoneum	1	0	1
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES	19	9	28
C49.0 Connec., subcut. and other soft tissues of head, face, and neck	4	2	6
C49.1 Connec., subcut. and other soft tissues of upper limb and shoulder	2	3	5
C49.2 Connec., subcut. and other soft tissues of lower limb and hip	11	4	15
C49.9 Connective, subcutaneous and other soft tissues, NOS	2	0	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C50 BREAST	4	761	765
C50.0 Nipple	0	22	22
C50.1 Central portion of breast	0	18	18
C50.2 Upper-inner quadrant of breast	0	78	78
C50.3 Lower-inner quadrant of breast	0	37	37
C50.4 Upper-outer quadrant of breast	0	246	246
C50.5 Lower-outer quadrant of breast	1	50	51
C50.8 Overl. lesion of breast	0	9	9
C50.9 Breast, NOS	3	301	304
C51 VULVA	0	4	4
C51.9 Vulva, NOS	0	4	4
C52 VAGINA	0	6	6
C52.9 Vagina, NOS	0	6	6
C53 CERVIX UTERI	0	123	123
C53.0 Endocervix	0	27	27
C53.1 Exocervix	0	77	77
C53.8 Overl. lesion of cervix uteri	0	5	5
C53.9 Cervix uteri	0	14	14
C54 CORPUS UTERI	0	48	48
C54.1 Endometrium	0	48	48
C56 OVARY	0	41	41
C56.9 Ovary	0	41	41
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	0	1	1
C57.0 Fallopian tube	0	1	1
C58 PLACENTA	0	3	3
C58.9 Placenta	0	3	3
C60 PENIS	6	0	6
C60.1 Glans penis	3	0	3
C60.9 Penis, NOS	3	0	3
C61 PROSTATE GLAND	103	0	103
C61.9 Prostate gland	103	0	103
C62 TESTIS	1	0	1
C62.9 Testis, NOS	1	0	1
C64 KIDNEY	19	9	28
C64.9 Kidney	19	9	28
C65 RENAL PELVIS	3	0	3
C65.9 Renal pelvis	3	0	3



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C66 URETER	3	3	6
C66.9 Ureter	3	3	6
C67 URINARY BLADDER	37	13	50
C67.0 Trigone of urinary bladder	2	0	2
C67.3 Anterior wall of urinary bladder	0	1	1
C67.4 Posterior wall of urinary bladder	1	0	1
C67.9 Bladder, NOS	34	12	46
C69 EYE AND ADNEXA	5	6	11
C69.0 Conjunctiva	1	0	1
C69.2 Retina	2	2	4
C69.3 Choroid	0	3	3
C69.4 Eyeball0	1	1	
C69.6 Orbit, NOS	2	0	2
C70 MENINGES	0	1	1
C70.9 Meninges, NOS	0	1	1
C71 BRAIN	27	32	59
C71.0 Cerebrum	1	4	5
C71.1 Frontal lobe	8	7	15
C71.2 Temporal lobe	2	3	5
C71.3 Parietal lobe	1	5	6
C71.5 Ventricle	1	1	2
C71.6 Cerebellum, NOS	8	6	14
C71.7 Brain stem	1	1	2
C71.8 Overl. lesion of brain	3	3	6
C71.9 Brain, NOS	2	2	4
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	2	3	5
C72.0 Spinal cord	1	2	3
C72.3 Optic nerve	1	0	1
C72.9 Nervous system, NOS	0	1	1
C73 THYROID GLAND	30	153	183
C73.9 Thyroid gland	30	153	183
C74 ADRENAL GLAND	0	2	2
C74.9 Adrenal gland, NOS	0	2	2
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	5	0	5
C75.3 Pineal gland	4	0	4
C75.5 Aortic body and other paraganglia	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C76 OTHER AND ILL-DEFINED SITES	0	1	1
C76.5 Lower limb, NOS	0	1	1
C77 LYMPH NODES	31	31	62
C77.0 Lymph nodes of head, face and neck	6	6	12
C77.1 Intrathoracic lymph nodes	2	0	2
C77.2 Intra-abdominal lymph nodes	3	1	4
C77.3 Lymph nodes of axilla or arm	2	0	2
C77.4 Lymph nodes, inguinal region or leg	2	2	4
C77.9 Lymph node, NOS	16	22	38
C80 UNKNOWN PRIMARY SITE	12	14	26
C80.9 Unknown primary site	12	14	26

**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	4	4
M 8070/3 Squamous cell carcinoma, NOS	0	4	4
C00.4 Mucosa of lower lip	0	1	1
M 8051/3 Verrucous carcinoma, NOS	0	1	1
C01 BASE OF TONGUE			
C01.9 Base of tongue, NOS	5	1	6
M 8070/3 Squamous cell carcinoma, NOS	3	1	4
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	2	0	2
C02 OTHER AND UNSPECIFIED PART OF TONGUE			
C02.9 Tongue, NOS	10	7	17
M 8070/3 Squamous cell carcinoma, NOS	10	5	15
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1
C03 GUM			
C03.1 Lower gum	1	1	2
M 8070/3 Squamous cell carcinoma, NOS	1	1	2
C03.9 Gum, NOS	2	0	2
M 8070/3 Squamous cell carcinoma, NOS	2	0	2
C04 FLOOR OF MOUTH			
C04.9 Floor of mouth, NOS	3	0	3
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	2	0	2
C05 PALATE			
C05.0 Hard palate	2	1	3
M 8070/3 Squamous cell carcinoma, NOS	1	1	2
M 8801/3 Spindle cell sarcoma	1	0	1
C05.1 Soft palate, NOS	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C06 OTHER AND UNSPECIFIED PART OF MOUTH			
C06.0 Cheek mucosa	2	3	5
M 8070/3 Squamous cell carcinoma, NOS	2	2	4
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
C06.2 Retromolar area	1	1	2
M 8070/3 Squamous cell carcinoma, NOS	1	1	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C07 PAROTID GLAND			
C07.9Parotid gland	4	2	6
M 8022/3 Pleomorphic carcinoma	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8200/3 Adenoid cystic carcinoma	0	1	1
M 8430/3 Mucoepidermoid carcinoma	1	0	1
M 8550/3 Acinar cell carcinoma	0	1	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	1	0	1
C08 OTHER AND UNSPECIFIED MAJOR SALIVARY GLANDS			
C08.0Submandibular gland	0	2	2
M 8941/3 Carcinoma in pleomorphic adenoma	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C09 TONSIL			
C09.1Tonsillar pillar	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C09.9Tonsil, NOS	6	0	6
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M 9670/3 Malignant lymphoma, small B lymphocytic, NOS	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2
C10 OROPHARYNX			
C10.9Oropharynx, NOS	1	1	2
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C11 NASOPHARYNX			
C11.9Nasopharynx, NOS	51	17	68
M 8020/3 Carcinoma, undifferentiated, NOS	3	2	5
M 8052/3 Papillary squamous cell carcinoma	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	5	4	9
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	39	9	48
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
M 8430/3 Mucoepidermoid carcinoma	0	1	1
M 9590/3 Malignant lymphoma, NOS	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	1	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C12 PYRIFORM SINUS			
C12.9Pyriform sinus	16	1	17
M 8010/3 Carcinoma, NOS	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	13	0	13
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	2	1	3
C13 HYPOPHARYNX			
C13.8Overl. lesion of hypopharynx	0	1	1
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
C13.9Hypopharynx, NOS	2	0	2
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C15 ESOPHAGUS			
C15.1Thoracic esophagus	10	1	11
M 8070/3 Squamous cell carcinoma, NOS	9	1	10
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0	1
C15.3Upper third of esophagus	5	0	5
M 8070/3 Squamous cell carcinoma, NOS	4	0	4
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
C15.4Middle third of esophagus	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
C15.5Lower third of esophagus	5	0	5
M 8070/3 Squamous cell carcinoma, NOS	3	0	3
M 8140/3 Adenocarcinoma, NOS	2	0	2
C15.9Esophagus, NOS	23	0	23
M 8070/3 Squamous cell carcinoma, NOS	19	0	19
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	2	0	2
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	1	0	1
C16 STOMACH			
C16.0Cardia, NOS	0	3	3
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8490/3 Metastatic signet ring cell carcinoma	0	1	1
C16.1Fundus of stomach	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C16.2Body of stomach	2	5	7
M 8140/3 Adenocarcinoma, NOS	1	2	3
M 8490/3 Metastatic signet ring cell carcinoma	0	3	3
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C16.3Gastric antrum	3	3	6
M 8140/3 Adenocarcinoma, NOS	3	0	3
M 8490/3 Metastatic signet ring cell carcinoma	0	2	2
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C16.5Lesser curvature of stomach, NOS	1	1	2
M 8144/3 Adenocarcinoma, intestinal type	1	0	1
M 8490/3 Metastatic signet ring cell carcinoma	0	1	1
C16.8Overl. lesion of stomach	3	1	4
M 8140/3 Adenocarcinoma, NOS	2	1	3
M 8255/3 Adenocarcinoma with mixed subtypes	1	0	1
C16.9Stomach, NOS	21	27	48
M 8010/3 Carcinoma, NOS	1	2	3
M 8140/3 Adenocarcinoma, NOS	8	9	17
M 8144/3 Adenocarcinoma, intestinal type	1	0	1
M 8211/3 Tubular adenocarcinoma	1	0	1
M 8481/3 Mucin-producing adenocarcinoma	0	1	1
M 8490/3 Metastatic signet ring cell carcinoma	5	8	13
M 8936/3 Gastrointestinal stromal sarcoma	3	7	10
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M 9651/3 Hodgkin lymphoma, lymphocyte-rich	1	0	1
C17 SMALL INTESTINE			
C17.0Duodenum	3	3	6
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 8170/3 Hepatocellular carcinoma, NOS	1	0	1
M 8490/3 Metastatic signet ring cell carcinoma	1	0	1
M 8936/3 Gastrointestinal stromal sarcoma	0	3	3
C17.1Jejunum 0	1	1	
M 8936/3 Gastrointestinal stromal sarcoma	0	1	1
C17.2Ileum 1	1	2	
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8936/3 Gastrointestinal stromal sarcoma	1	0	1
C17.9Small intestine	0	2	2
M 8936/3 Gastrointestinal stromal sarcoma	0	2	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C18 COLON			
C18.0Cecum 6	8	14	
M 8140/3 Adenocarcinoma, NOS	4	6	10
M 8246/3 Neuroendocrine carcinoma, NOS	2	1	3
M 8480/3 Mucinous adenocarcinoma	0	1	1
C18.1Appendix	2	3	5
M 8140/3 Adenocarcinoma, NOS	1	2	3
M 8480/3 Mucinous adenocarcinoma	1	1	2
C18.2Ascending colon	10	10	20
M 8140/3 Adenocarcinoma, NOS	10	9	19
M 8480/3 Mucinous adenocarcinoma	0	1	1
C18.3Hepatic flexure of colon	12	3	15
M 8140/3 Adenocarcinoma, NOS	12	3	15
C18.4Transverse colon	8	8	16
M 8140/3 Adenocarcinoma, NOS	7	8	15
M 8481/3 Mucin-producing adenocarcinoma	1	0	1
C18.5Splenic flexure of colon	1	1	2
M 8140/3 Adenocarcinoma, NOS	1	1	2
C18.6Descending colon	6	9	15
M 8140/3 Adenocarcinoma, NOS	6	9	15
C18.7Sigmoid colon	53	49	102
M 8140/3 Adenocarcinoma, NOS	52	48	100
M 8481/3 Mucin-producing adenocarcinoma	1	1	2
C18.8Overl. lesion of colon	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
C18.9Colon, NOS	2	3	5
M 8140/3 Adenocarcinoma, NOS	2	3	5
C19 RECTOSIGMOID JUNCTION			
C19.9Rectosigmoid junction	5	5	10
M 8140/3 Adenocarcinoma, NOS	5	5	10
C20 RECTUM			
C20.9Rectum, NOS	24	22	46
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	24	21	45
C21 ANUS AND ANAL CANAL			
C21.0Anus, NOS	1	1	2
M 8070/3 Squamous cell carcinoma, NOS	1	1	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C22 LIVER AND INTRAHEPATIC BILE DUCTS			
C22.0 Liver	160	65	225
M 8140/3 Adenocarcinoma, NOS	1	3	4
M 8160/3 Cholangiocarcinoma	2	1	3
M 8170/3 Hepatocellular carcinoma, NOS	155	56	211
M 8180/3 Combined hepatocellular carcinoma and cholangiocarcinoma	1	0	1
M 8440/3 Cystadenocarcinoma, NOS	0	1	1
M 8800/3 Sarcoma, NOS	0	1	1
M 8970/3 Hepatoblastoma	1	3	4
C22.1 Intrahepatic bile duct	71	41	112
M 8010/3 Carcinoma, NOS	0	1	1
M 8160/3 Cholangiocarcinoma	71	40	111
C23 GALLBLADDER			
C23.9 Gallbladder	6	11	17
M 8010/3 Carcinoma, NOS	1	2	3
M 8020/3 Carcinoma, undifferentiated, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	4	9	13
C24 OTHER AND UNSPECIFIED PARTS OF BILIARY TRACT			
C24.0 Extrahepatic bile duct	3	1	4
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 8160/3 Cholangiocarcinoma	2	1	3
C24.1 Ampulla of Vater	3	8	11
M 8140/3 Adenocarcinoma, NOS	2	8	10
M 8490/3 Metastatic signet ring cell carcinoma	1	0	1
C25 PANCREAS			
C25.0 Head of pancreas	9	10	19
M 8140/3 Adenocarcinoma, NOS	9	10	19
C25.1 Body of pancreas	0	1	1
M 8010/3 Carcinoma, NOS	0	1	1
C25.2 Tail of pancreas	2	2	4
M 8010/3 Carcinoma, NOS	1	1	2
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 9473/3 Primitive neuroectodermal tumor, NOS	0	1	1
C25.7 Other specified parts of pancreas	1	0	1
M 8140/3 Adenocarcinoma, NOS	1	0	1
C25.9 Pancreas, NOS	3	6	9
M 8010/3 Carcinoma, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	3	5	8



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C26 ILL-DEFINED DIGESTIVE ORGANS AND OTHER			
C26.9Gastrointestinal tract, NOS	1	0	1
M 8936/3 Gastrointestinal stromal sarcoma	1	0	1
C30 NASAL CAVITY AND MIDDLE EAR			
C30.0Nasal cavity	8	4	12
M 8070/3 Squamous cell carcinoma, NOS	3	0	3
M 8147/3 Basal cell adenocarcinoma	0	1	1
M 8200/3 Adenoid cystic carcinoma	0	1	1
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	1	0	1
M 8982/3 Malignant myoepithelioma	0	1	1
M 9500/3 Neuroblastoma, NOS	1	0	1
M 9522/3 Olfactory neuroblastoma	3	0	3
M 9719/3 NK/T-cell lymphoma, nasal and nasal-type	0	1	1
C31 ACCESSORY SINUSES			
C31.0Maxillary sinus	4	0	4
M 8070/3 Squamous cell carcinoma, NOS	2	0	2
M 8200/3 Adenoid cystic carcinoma	1	0	1
M 8801/3 Spindle cell sarcoma	1	0	1
C31.1Ethmoid sinus	1	0	1
M 9522/3 Olfactory neuroblastoma	1	0	1
C31.3Sphenoid sinus	1	0	1
M 8041/3 Small cell carcinoma, NOS	1	0	1
C31.9Accessory sinus, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
C32 LARYNX			
C32.0Glottis	14	0	14
M 8070/3 Squamous cell carcinoma, NOS	11	0	11
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	2	0	2
M 8076/3 Squamous cell carcinoma, microinvasive	1	0	1
C32.1Supraglottis	3	1	4
M 8070/3 Squamous cell carcinoma, NOS	3	1	4
C32.8Overl. lesion of larynx	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
C32.9Larynx, NOS	4	1	5
M 8070/3 Squamous cell carcinoma, NOS	4	1	5



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C33 TRACHEA			
C33.9Trachea	1	0	1
M 8200/3 Adenoid cystic carcinoma	1	0	1
C34 LUNG AND BRONCHUS			
C34.1Upper lobe, lung	50	39	89
M 8010/3 Carcinoma, NOS	2	2	4
M 8041/3 Small cell carcinoma, NOS	5	0	5
M 8046/3 Non-small cell carcinoma	10	3	13
M 8070/3 Squamous cell carcinoma, NOS	8	1	9
M 8140/3 Adenocarcinoma, NOS	23	31	54
M 8250/3 Bronchiolo-alveolar adenocarcinoma, NOS	1	1	2
M 8260/3 Papillary adenocarcinoma, NOS	1	1	2
C34.2Middle lobe, lung	9	7	16
M 8041/3 Small cell carcinoma, NOS	1	0	1
M 8046/3 Non-small cell carcinoma	1	2	3
M 8070/3 Squamous cell carcinoma, NOS	1	1	2
M 8140/3 Adenocarcinoma, NOS	6	4	10
C34.3Lower lobe, lung	20	31	51
M 8041/3 Small cell carcinoma, NOS	1	1	2
M 8046/3 Non-small cell carcinoma	6	2	8
M 8070/3 Squamous cell carcinoma, NOS	2	0	2
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	6	26	32
M 8200/3 Adenoid cystic carcinoma	0	1	1
M 8480/3 Mucinous adenocarcinoma	1	0	1
M 8560/3 Adenosquamous carcinoma	1	1	2
M 9260/3 Ewing sarcoma	1	0	1
M 9731/3 Plasmacytoma, NOS	1	0	1
C34.9Lung, NOS	21	21	42
M 8010/3 Carcinoma, NOS	2	1	3
M 8041/3 Small cell carcinoma, NOS	1	0	1
M 8046/3 Non-small cell carcinoma	6	3	9
M 8070/3 Squamous cell carcinoma, NOS	2	0	2
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8140/3 Adenocarcinoma, NOS	8	16	24
M 8246/3 Neuroendocrine carcinoma, NOS	1	0	1
M 8560/3 Adenosquamous carcinoma	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C37 THYMUS			
C37.9Thymus	4	4	8
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8574/3 Adenocarcinoma with neuroendocrine differentiation	1	0	1
M 8586/3 Thymic carcinoma, NOS	3	3	6
C38 HEART, MEDIASTINUM AND PLEURA			
C38.1Anterior mediastinum	3	2	5
M 9080/3 Teratoma, malignant, NOS	1	0	1
M 9663/3 Hodgkin lymphoma, nodular sclerosis, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
M 9729/3 Precursor T-cell lymphoblastic lymphoma	2	0	2
C38.3Mediastinum, NOS	1	1	2
M 9490/3 Ganglioneuroblastoma	1	0	1
M 9650/3 Hodgkin lymphoma, NOS	0	1	1
C40 BONES, JOINTS AND ARTICULAR CARTILAGE OF LIMBS			
C40.0Long bones of upper limb, scapula and associated joints	1	0	1
M 9180/3 Osteosarcoma, NOS	1	0	1
C40.1Short bones of upper limb and associated joints	1	0	1
M 9250/3 Giant cell tumor of bone, malignant	1	0	1
C40.2Long bones of lower limb and associated joints	10	2	12
M 8801/3 Spindle cell sarcoma	1	0	1
M 9180/3 Osteosarcoma, NOS	7	1	8
M 9186/3 Central osteosarcoma	1	0	1
M 9260/3 Ewing sarcoma	0	1	1
M 9731/3 Plasmacytoma, NOS	1	0	1
C40.3Short bones of lower limb and associated joints	1	0	1
M 9231/3 Myxoid chondrosarcoma	1	0	1
C41 BONE, JOIN AND ARTICULAR CARTILAGE OF OTHER AND UNSPECIFIED SITES			
C41.0Bones of skull and face and associated joints	3	1	4
M 9180/3 Osteosarcoma, NOS	2	1	3
M 9370/3 Chordoma, NOS	1	0	1
C41.1Mandible	0	1	1
M 9270/3 Odontogenic tumor, malignant	0	1	1
C41.2Vertebral column	1	1	2
M 9220/3 Chondrosarcoma, NOS	1	1	2
C41.3Rib, sternum, clavicle and associated joints	0	3	3
M 9220/3 Chondrosarcoma, NOS	0	1	1
M 9920/3 Therapy-related acute myeloid leukemia, NOS	0	2	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C41.4 Pelvic bones, sacrum, coccyx and associated joints	4	4	8
M 8800/3 Sarcoma, NOS	1	0	1
M 9080/3 Teratoma, malignant, NOS	1	0	1
M 9181/3 Chondroblastic osteosarcoma	1	0	1
M 9220/3 Chondrosarcoma, NOS	0	1	1
M 9260/3 Ewing sarcoma	1	1	2
M 9370/3 Chordoma, NOS	0	1	1
M 9731/3 Plasmacytoma, NOS	0	1	1
C42 HEMATOPOIETIC AND RETICULOENDOTHELIAL SYSTEMS			
C42.1 Bone marrow	54	53	107
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M 9732/3 Multiple myeloma	10	8	18
M 9823/3 B-cell chronic lymphocytic leukemia/small lymphocytic lymphoma	2	4	6
M 9826/3 Burkitt cell leukemia	1	1	2
M 9827/3 Adult T-cell leukemia/lymphoma (HTLV-1 positive), all variants	1	0	1
M 9835/3 Precursor cell lymphoblastic leukemia, NOS	16	12	28
M 9836/3 Precursor B cell lymphoblastic leukemia	0	1	1
M 9861/3 Acute myeloid leukemia, NOS	11	9	20
M 9863/3 Chronic myeloid leukemia, NOS	5	5	10
M 9866/3 Acute promyelocytic leukemia, t(15;17)(q22;q11-12)	1	1	2
M 9867/3 Acute myelomonocytic leukemia	0	1	1
M 9946/3 Juvenile myelomonocytic leukemia	0	1	1
M 9950/3 Polycythemia vera	1	2	3
M 9989/3 Myelodysplastic syndrome, NOS	6	7	13
C44 SKIN			
C44.0 Skin of lip, NOS	0	2	2
M 8090/3 Basal cell carcinoma, NOS	0	1	1
M 8094/3 Basosquamous carcinoma	0	1	1
C44.1 Eyelid	9	20	29
M 8070/3 Squamous cell carcinoma, NOS	3	2	5
M 8090/3 Basal cell carcinoma, NOS	2	11	13
M 8290/3 Oxyphilic adenocarcinoma	1	0	1
M 8410/3 Sebaceous adenocarcinoma	1	4	5
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	0	2	2



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
M 9591/3	Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M 9680/3	Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
M 9699/3	Marginal zone B-cell lymphoma, NOS	0	1	1
C44.2	External ear	5	4	9
M 8070/3	Squamous cell carcinoma, NOS	2	2	4
M 8090/3	Basal cell carcinoma, NOS	3	2	5
C44.3	Skin, other and unspecified parts of face	18	36	54
M 8020/3	Carcinoma, undifferentiated, NOS	0	1	1
M 8070/3	Squamous cell carcinoma, NOS	1	7	8
M 8090/3	Basal cell carcinoma, NOS	17	27	44
M 8094/3	Basosquamous carcinoma	0	1	1
C44.4	Skin of scalp and neck	5	9	14
M 8004/3	Malignant tumor, spindle cell type	1	0	1
M 8070/3	Squamous cell carcinoma, NOS	1	1	2
M 8074/3	Squamous cell carcinoma, spindle cell	0	1	1
M 8090/3	Basal cell carcinoma, NOS	1	4	5
M 8480/3	Mucinous adenocarcinoma	0	1	1
M 8720/3	Malignant melanoma, NOS (except juvenile melanoma)	2	2	4
C44.5	Skin of trunk	10	3	13
M 8070/3	Squamous cell carcinoma, NOS	3	1	4
M 8090/3	Basal cell carcinoma, NOS	1	0	1
M 8720/3	Malignant melanoma, NOS (except juvenile melanoma)	4	0	4
M 8832/3	Dermatofibrosarcoma, NOS	1	1	2
M 8890/3	Leiomyosarcoma, NOS	0	1	1
M 9700/3	Mycosis fungoides	1	0	1
C44.6	Skin of upper limb and shoulder	4	5	9
M 8070/3	Squamous cell carcinoma, NOS	2	2	4
M 8090/3	Basal cell carcinoma, NOS	0	1	1
M 8410/3	Sebaceous adenocarcinoma	1	0	1
M 8720/3	Malignant melanoma, NOS (except juvenile melanoma)	1	1	2
M 9700/3	Mycosis fungoides	0	1	1
C44.7	Skin of lower limb and hip	6	9	15
M 8070/3	Squamous cell carcinoma, NOS	1	4	5
M 8090/3	Basal cell carcinoma, NOS	2	1	3
M 8720/3	Malignant melanoma, NOS (except juvenile melanoma)	3	4	7
C44.8	Overl. lesion of skin	2	0	2
M 8070/3	Squamous cell carcinoma, NOS	1	0	1
M 9700/3	Mycosis fungoides	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C44.9Skin, NOS	1	1	2
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
M 9700/3 Mycosis fungoides	0	1	1
C48 RETROPERITONEUM AND PERITONEUM			
C48.0Retroperitoneum	1	1	2
M 9590/3 Malignant lymphoma, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C48.1Specified parts of peritoneum	1	0	1
M 9690/3 Follicular lymphoma, NOS	1	0	1
C49 CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES			
C49.0Connec., subcut. and other soft tissues of head, face, and neck	4	2	6
M 8800/3 Sarcoma, NOS	0	1	1
M 8832/3 Dermatofibrosarcoma, NOS	1	0	1
M 8900/3 Rhabdomyosarcoma, NOS	2	0	2
M 9120/3 Hemangiosarcoma	0	1	1
M 9140/3 Kaposi sarcoma	1	0	1
C49.1Connec., subcut. and other soft tissues of upper limb and shoulder	2	3	5
M 8801/3 Spindle cell sarcoma	1	0	1
M 8852/3 Myxoid liposarcoma	0	1	1
M 8900/3 Rhabdomyosarcoma, NOS	0	1	1
M 9040/3 Synovial sarcoma, NOS	1	1	2
C49.2Connec., subcut. and other soft tissues of lower limb and hip	11	4	15
M 8801/3 Spindle cell sarcoma	1	0	1
M 8804/3 Epithelioid sarcoma	1	0	1
M 8810/3 Fibrosarcoma, NOS	0	1	1
M 8811/3 Fibromyxosarcoma	0	1	1
M 8830/3 Malignant fibrous hitiocytoma	3	0	3
M 8852/3 Myxoid liposarcoma	2	0	2
M 9040/3 Synovial sarcoma, NOS	0	2	2
M 9140/3 Kaposi sarcoma	2	0	2
M 9581/3 Alveolar soft part sarcoma	1	0	1
M 9930/3 Myeloid sarcoma	1	0	1
C49.9Connective, subcutaneous and other soft tissues, NOS	2	0	2
M 9140/3 Kaposi sarcoma	1	0	1
M 9260/3 Ewing sarcoma	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C50 BREAST			
C50.0Nipple	0	22	22
M 8480/3 Mucinous adenocarcinoma	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	0	18	18
M 8503/3 Intraductal paillary adenocarcinoma with invasion	0	1	1
M 8900/3 Rhabdomyosarcoma, NOS	0	1	1
C50.1Central portion of breast	0	18	18
M 8010/3 Carcinoma, NOS	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	0	16	16
C50.2Upper-inner quadrant of breast	0	78	78
M 8480/3 Mucinous adenocarcinoma	0	2	2
M 8500/3 Infiltrating duct carcinoma, NOS	0	63	63
M 8503/3 Intraductal paillary adenocarcinoma with invasion	0	2	2
M 8510/3 Medullary carcinoma, NOS	0	1	1
M 8520/3 Lobular carcinoma, NOS	0	1	1
M 8522/3 Infiltrating duct and lobular carcinoma	0	1	1
M 8523/3 Infiltrating duct mixed with other types of carcinoma	0	1	1
M 8900/3 Rhabdomyosarcoma, NOS	0	1	1
M 9020/3 Phyllodes tumor, malignant	0	2	2
C50.3Lower-inner quadrant of breast	0	37	37
M 8480/3 Mucinous adenocarcinoma	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	0	21	21
M 8502/3 Secretory carcinoma of breast	0	1	1
M 8520/3 Lobular carcinoma, NOS	0	1	1
M 8900/3 Rhabdomyosarcoma, NOS	0	2	2
C50.4Upper-outer quadrant of breast	0	246	246
M 8000/3 Neoplasm, malignant	0	1	1
M 8480/3 Mucinous adenocarcinoma	0	1	1
M 8481/3 Mucin-producing adenocarcinoma	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	0	209	209
M 8502/3 Secretory carcinoma of breast	0	3	3
M 8503/3 Intraductal paillary adenocarcinoma with invasion	0	4	4
M 8505/3	0	1	1
M 8507/3 Invasive micropapillary carcinoma	0	1	1
M 8520/3 Lobular carcinoma, NOS	0	7	7
M 8900/3 Rhabdomyosarcoma, NOS	0	0	0



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C50.5 Lower-outer quadrant of breast	1	50	51
M 8010/3 Carcinoma, NOS	0	1	1
M 8500/3 Infiltrating duct carcinoma, NOS	0	41	41
M 8503/3 Intraductal paillary adenocarcinoma with invasion	0	3	3
M 8507/3 Invasive micropapillary carcinoma	0	1	1
M 8520/3 Lobular carcinoma, NOS	1	1	2
M 8523/3 Infiltrating duct mixed with other types of carcinoma	0	1	1
M 8575/3 Metaplastic carcinoma, NOS	0	1	1
C50.8 Overl. lesion of breast	0	9	9
M 8500/3 Infiltrating duct carcinoma, NOS	0	6	6
M 8501/3 Comedoucarcinoma, NOS	0	1	1
M 8520/3 Lobular carcinoma, NOS	0	1	1
M 8523/3 Infiltrating duct mixed with other types of carcinoma	0	1	1
C50.9 Breast, NOS	3	301	304
M 8000/3 Neoplasm, malignant	0	6	6
M 8010/3 Carcinoma, NOS	0	6	6
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8480/3 Mucinous adenocarcinoma	0	2	2
M 8500/3 Infiltrating duct carcinoma, NOS	3	240	243
M 8502/3 Secretory carcinoma of breast	0	1	1
M 8503/3 Intraductal paillary adenocarcinoma with invasion	0	1	1
M 8520/3 Lobular carcinoma, NOS	0	6	6
M 8900/3 Rhabdomyosarcoma, NOS	0	1	1
M 9020/3 Phyllodes tumor, malignant	0	1	1
M 9120/3 Hemangiosarcoma	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	2	2
C51 VULVA			
C51.9 Vulva, NOS	0	4	4
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	0	1	1
M 8090/3 Basal cell carcinoma, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8542/3 Paget disease, extramammary (except Paget disease of bone)	0	1	1
C52 VAGINA			
C52.9 Vagina, NOS	0	6	6
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8072/3 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	1	1



ICD-O SITE AND HISTOPATHOLOGY		Male	Female	Total
M 8140/3	Adenocarcinoma, NOS	0	1	1
M 8246/3	Neuroendocrine carcinoma, NOS	0	1	1
M 8500/3	Infiltrating duct carcinoma, NOS	0	2	2
C53 CERVIX UTERI				
C53.0 Endocervix		0	27	27
M 8140/3	Adenocarcinoma, NOS	0	22	22
M 8310/3	Clear cell adenocarcinoma, mesonephroid	0	2	2
M 8384/3	Adenocarcinoma, endocervical type	0	1	1
M 8480/3	Mucinous adenocarcinoma	0	2	2
C53.1 Exocervix		0	77	77
M 8052/3	Papillary squamous cell carcinoma	0	3	3
M 8070/3	Squamous cell carcinoma, NOS	0	27	27
M 8071/3	Squamous cell carcinoma, keratinizing, NOS	0	5	5
M 8072/3	Squamous cell carcinoma, large cell, nonkeratinizing, NOS	0	38	38
M 8076/3	Squamous cell carcinoma, microinvasive	0	3	3
M 8980/3	Carcinosarcoma, NOS	0	1	1
C53.8 Overl. lesion of cervix uteri		0	5	5
M 8560/3	Adenosquamous carcinoma	0	5	5
C53.9 Cervix uteri		0	14	14
M 8010/3	Carcinoma, NOS	0	8	8
M 8020/3	Carcinoma, undifferentiated, NOS	0	1	1
M 8041/3	Small cell carcinoma, NOS	0	1	1
M 8441/3	Serous cystadenocarcinoma, NOS	0	1	1
M 8560/3	Adenosquamous carcinoma	0	3	3
C54 CORPUS UTERI				
C54.1 Endometrium		0	48	48
M 8010/3	Carcinoma, NOS	0	1	1
M 8140/3	Adenocarcinoma, NOS	0	12	12
M 8310/3	Clear cell adenocarcinoma, mesonephroid	0	1	1
M 8330/3	Follicular adenocarcinoma, NOS	0	1	1
M 8350/3	Nonencapsulated sclerosing carcinoma	0	1	1
M 8380/3	Endometrioid adenocarcinoma, NOS	0	23	23
M 8384/3	Adenocarcinoma, endocervical type	0	1	1
M 8441/3	Serous cystadenocarcinoma, NOS	0	3	3
M 8560/3	Adenosquamous carcinoma	0	1	1
M 8800/3	Sarcoma, NOS	0	1	1
M 8930/3	Endometrial stromal sarcoma, NOS	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
M 8935/3 Stromal sarcoma, NOS	0	1	1
M 9860/3 Myeloid leukemia, NOS	0	1	1
C56 OVARY			
C56.9Ovary	0	41	41
M 8010/3 Carcinoma, NOS	0	1	1
M 8120/3 Transition cell carcinoma, NOS	0	2	2
M 8140/3 Adenocarcinoma, NOS	0	6	6
M 8260/3 Papillary adenocarcinoma, NOS	0	1	1
M 8310/3 Clear cell adenocarcinoma, mesonephroid	0	10	10
M 8380/3 Endometrioid adenocarcinoma, NOS	0	3	3
M 8441/3 Serous cystadenocarcinoma, NOS	0	7	7
M 8460/3 Papillary serous cystadenocarcinoma	0	1	1
M 8470/3 Mucinous cystadenocarcinoma, NOS	0	2	2
M 8480/3 Mucinous adenocarcinoma	0	4	4
M 9060/3 Dysgerminoma	0	1	1
M 9080/3 Teratoma, malignant, NOS	0	3	3
C57 OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS			
C57.0Fallopian tube	0	1	1
M 8120/3 Transition cell carcinoma, NOS	0	1	1
C58 PLACENTA			
C58.9Placenta	0	3	3
M 9100/3 Choriocarcinoma, NOS	0	3	3
C60 PENIS			
C60.1Glans penis	3	0	3
M 8070/3 Squamous cell carcinoma, NOS	3	0	3
C60.9Penis, NOS	3	0	3
M 8070/3 Squamous cell carcinoma, NOS	3	0	3
C61 PROSTATE GLAND			
C61.9Prostate gland	103	0	103
M 8140/3 Adenocarcinoma, NOS	101	0	101
M 8550/3 Acinar cell carcinoma	1	0	1
M 9731/3 Plasmacytoma, NOS	1	0	1
C62 TESTIS			
C62.9Testis, NOS	1	0	1
M 8010/3 Carcinoma, NOS	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C64 KIDNEY			
C64.9Kidney	19	9	28
M 8120/3 Transition cell carcinoma, NOS	0	1	1
M 8140/3 Adenocarcinoma, NOS	1	0	1
M 8260/3 Papillary adenocarcinoma, NOS	1	0	1
M 8310/3 Clear cell adenocarcinoma, mesonephroid	5	2	7
M 8312/3 Renal cell carcinoma, NOS	12	4	16
M 8890/3 Leiomyosarcoma, NOS	0	1	1
M 8960/3 Nephroblastoma, NOS	0	1	1
C65 RENAL PELVIS			
C65.9Renal pelvis	3	0	3
M 8120/3 Transition cell carcinoma, NOS	3	0	3
C66 URETER			
C66.9Ureter	3	3	6
M 8120/3 Transition cell carcinoma, NOS	3	3	6
C67 URINARY BLADDER			
C67.0Trigone of urinary bladder	2	0	2
M 8120/3 Transition cell carcinoma, NOS	2	0	2
C67.3Anterior wall of urinary bladder	0	1	1
M 8120/3 Transition cell carcinoma, NOS	0	1	1
C67.4Posterior wall of urinary bladder	1	0	1
M 8130/3 Papillary transitional cell carcinoma	1	0	1
C67.9Bladder, NOS	34	12	46
M 8010/3 Carcinoma, NOS	0	1	1
M 8033/3 Pseudosarcomatous carcinoma	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 8120/3 Transition cell carcinoma, NOS	26	6	32
M 8130/3 Papillary transitional cell carcinoma	6	4	10
C69 EYE AND ADNEXA			
C69.0Conjunctiva	1	0	1
M 8070/3 Squamous cell carcinoma, NOS	1	0	1
C69.2Retina	2	2	4
M 9510/3 Retinoblastoma, NOS	2	2	4
C69.3Choroid	0	3	3
M 8140/3 Adenocarcinoma, NOS	0	1	1
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	0	2	2



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C69.4Eyeball	0	1	1
M 8720/3 Malignant melanoma, NOS (except juvenile melanoma)	0	1	1
C69.6Orbit, NOS	2	0	2
M 8200/3 Adenoid cystic carcinoma	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C70 MENINGES			
C70.9Meninges, NOS	0	1	1
C71 BRAIN			
C71.0Cerebrum	1	4	5
M 9400/3 Astrocytoma, NOS	0	2	2
M 9440/3 Glioblastoma, NOS	1	0	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C71.1Frontal lobe	8	7	15
M 9380/3 Glioma, malignant	2	1	3
M 9382/3 Mixed glioma	0	1	1
M 9392/3 Ependymoma, anaplastic	0	1	1
M 9400/3 Astrocytoma, NOS	1	0	1
M 9401/3 Astrocytoma, anaplastic	1	0	1
M 9440/3 Glioblastoma, NOS	3	3	6
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	1	2
C71.2Temporal lobe	2	3	5
M 9380/3 Glioma, malignant	0	1	1
M 9391/3 Ependymoma, NOS	0	1	1
M 9450/3 Oligodendroglioma, NOS	0	1	1
M 9473/3 Primitive neuroectodermal tumor, NOS	2	0	2
C71.3Parietal lobe	1	5	6
M 9391/3 Ependymoma, NOS	0	1	1
M 9400/3 Astrocytoma, NOS	0	1	1
M 9440/3 Glioblastoma, NOS	1	0	1
M 9530/3 Meningioma, malignant	0	1	1
M 9590/3 Malignant lymphoma, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C71.5Ventricle	1	1	2
M 9064/3 Germinoma	1	0	1
M 9440/3 Glioblastoma, NOS	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C71.6Cerebellum, NOS	8	6	14
M 8071/3 Squamous cell carcinoma, keratinizing, NOS	1	0	1
M 9064/3 Germinoma	1	0	1
M 9391/3 Ependymoma, NOS	0	2	2
M 9392/3 Ependymoma, anaplastic	0	1	1
M 9400/3 Astrocytoma, NOS	1	0	1
M 9401/3 Astrocytoma, anaplastic	1	0	1
M 9470/3 Medulloblastoma, NOS	3	3	6
C71.7Brain stem	1	1	2
M 9400/3 Astrocytoma, NOS	1	1	2
C71.8Overl. lesion of brain	3	3	6
M 9392/3 Ependymoma, anaplastic	0	1	1
M 9400/3 Astrocytoma, NOS	2	0	2
M 9440/3 Glioblastoma, NOS	0	2	2
M 9590/3 Malignant lymphoma, NOS	1	0	1
C71.9Brain, NOS	2	2	4
M 9064/3 Germinoma	0	2	2
M 9382/3 Mixed glioma	1	0	1
C72 SPINAL CORD, CRANIAL NERVES AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM			
C72.0Spinal cord	1	2	3
M 9391/3 Ependymoma, NOS	0	2	2
C72.3Optic nerve	1	0	1
M 9380/3 Glioma, malignant	1	0	1
C72.9Nervous system, NOS	0	1	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	0	1	1
C73 THYROID GLAND			
C73.9Thyroid gland	30	153	183
M 8021/3 Carcinoma, anaplastic, NOS	0	2	2
M 8050/3 Papillary carcinoma, NOS	1	0	1
M 8260/3 Papillary adenocarcinoma, NOS	27	128	155
M 8290/3 Oxyphilic adenocarcinoma	0	2	2
M 8330/3 Follicular adenocarcinoma, NOS	0	8	8
M 8340/3 Papillary carcinoma, follicular variant	1	9	10
M 8341/3 Papillary microcarcinoma	0	1	1
M 8345/3 Medullary carcinoma with amyloid stroma	1	1	2
M 8507/3 Invasive micropapillary carcinoma	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C74 ADRENAL GLAND			
C74.9Adrenal gland, NOS	0	2	2
M 9500/3 Neuroblastoma, NOS	0	2	2
C75 OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES			
C75.3Pineal gland	4	0	4
M 9064/3 Germinoma	3	0	3
M 9080/3 Teratoma, malignant, NOS	1	0	1
C75.5Aortic body and other paraganglia	1	0	1
M 9080/3 Teratoma, malignant, NOS	1	0	1
C76 OTHER AND ILL-DEFINED SITES			
C76.5Lower limb, NOS	0	1	1
M 8070/3 Squamous cell carcinoma, NOS	0	1	1
C77 LYMPH NODES			
C77.0Lymph nodes of head, face and neck	6	6	12
M 8010/3 Carcinoma, NOS	1	0	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	2	2	4
M 9650/3 Hodgkin lymphoma, NOS	0	1	1
M 9663/3 Hodgkin lymphoma, nodular sclerosis, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	2	0	2
M 9702/3 Mature T-cell lymphoma, NOS	0	1	1
M 9714/3 Anaplastic large cell lymphoma, T-cell and null cell type	1	0	1
M 9860/3 Myeloid leukemia, NOS	0	1	1
C77.1Intrathoracic lymph nodes	2	0	2
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M 9663/3 Hodgkin lymphoma, nodular sclerosis, NOS	1	0	1
C77.2Intra-abdominal lymph nodes	3	1	4
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	1	0	1
M 9650/3 Hodgkin lymphoma, NOS	2	0	2
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	0	1	1
C77.3Lymph nodes of axilla or arm	2	0	2
M 9650/3 Hodgkin lymphoma, NOS	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	0	1
C77.4Lymph nodes, inguinal region or leg	2	2	4
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	0	1	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	1	1	2
M 9729/3 Precursor T-cell lymphoblastic lymphoma	1	0	1



ICD-O SITE AND HISTOPATHOLOGY	Male	Female	Total
C77.9Lymph node, NOS	16	22	38
M 9590/3 Malignant lymphoma, NOS	0	1	1
M 9591/3 Malignant lymphoma, non-Hodgkin, NOS	2	9	11
M 9650/3 Hodgkin lymphoma, NOS	0	1	1
M 9670/3 Malignant lymphoma, small B lymphocytic, NOS	0	1	1
M 9673/3 Mantle cell lymphoma	1	0	1
M 9680/3 Malignant lymphoma, large B-cell, diffuse, NOS	9	4	13
M 9690/3 Follicular lymphoma, NOS	1	0	1
M 9705/3 Angioimmunoblastic T-cell lymphoma	1	1	2
M 9714/3 Anaplastic large cell lymphoma, T-cell and null cell type	1	1	2
M 9719/3 NK/T-cell lymphoma, nasal and nasal-type	0	1	1
M 9728/3 Precursor B-cell lymphoblastic lymphoma	1	1	2
M 9729/3 Precursor T-cell lymphoblastic lymphoma	0	1	1
M 9860/3 Myeloid leukemia, NOS	0	1	1
C80 UNKNOWN PRIMARY SITE			
C80.9Unknown primary site	12	14	26
M 8010/3 Carcinoma, NOS	5	7	12
M 8070/3 Squamous cell carcinoma, NOS	2	1	3
M 8140/3 Adenocarcinoma, NOS	4	6	10
M 8800/3 Sarcoma, NOS	1	0	1



CHAPTER V

THE MOST COMMON CANCER SITES

BREAST

LUNG AND BRONCHUS

CERVIX UTERI

HEMATOPOIETIC AND RETICULOENDOTHELIAL

LIVER AND INTRAHEPATIC BILE DUCTS

COLORECTAL

CHILDHOOD CANCER



BREAST

Table 5.1 Age and gender of breast cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	53.52 (12.00)
Median and range age at diagnosis	53 (17:91)
% of the patient is lower than 15 year of age at diagnosis	0.00%
Gender	
Male	4 (0.57%)
Female	692 (99.14%)
Sex ratio (male: female)	0.01:1

Table 5.2 Most valid method of diagnosis for breast cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology or metastasis	0	0.00	5	0.72	5	0.72
Histology of primary	4	100.00	687	99.28	691	99.28
Total	4	100.00	692	100.00	696	100.00



Figure 5.1 Age at diagnosis of breast cancer, 2013, by sex.

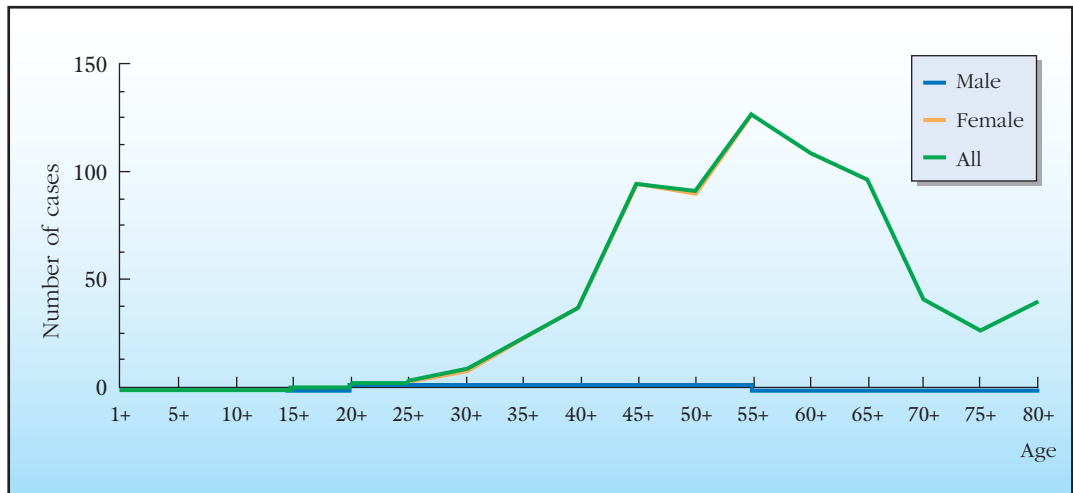
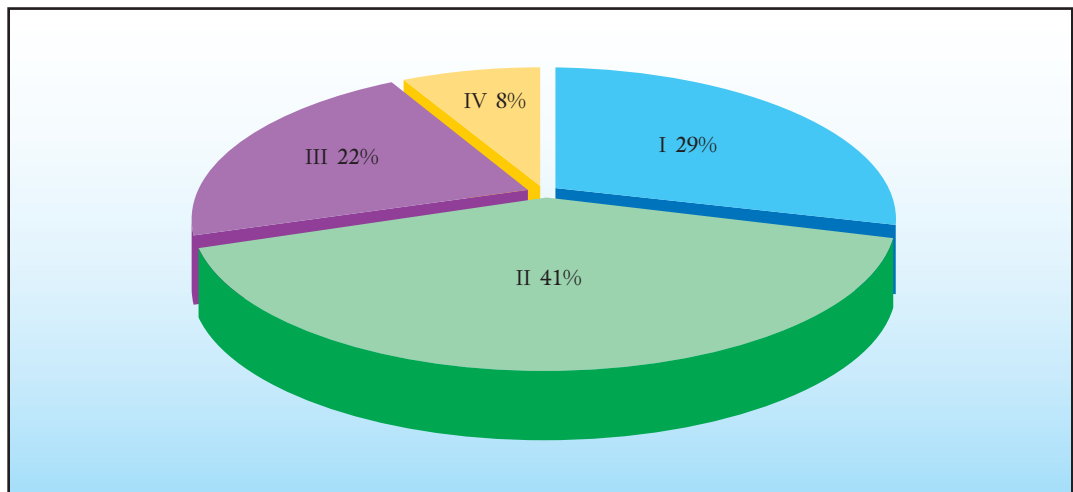


Figure 5.2 Distribution of staging for breast cancer.





LUNG AND BRONCHUS

Table 5.3 Age and gender of lung cancer, 2013, by sex

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	64.07 (11.45)
Median and range age at diagnosis	64 (35:94)
% of the patient is lower than 15 year of age at diagnosis	0.00%
Gender	
Male	100 (50.00%)
Female	98 (49.00%)
Sex ratio (male: female)	1.02:1

Table 5.4 Most valid method of diagnosis.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology or metastasis	6	6.00	2	2.04	8	4.04
Histology of primary	94	94.00	96	97.96	190	95.96
Total	100	100.00	98	100.00	198	100.00



Figure 5.3 Age at diagnosis of lung cancer, 2013, by sex.

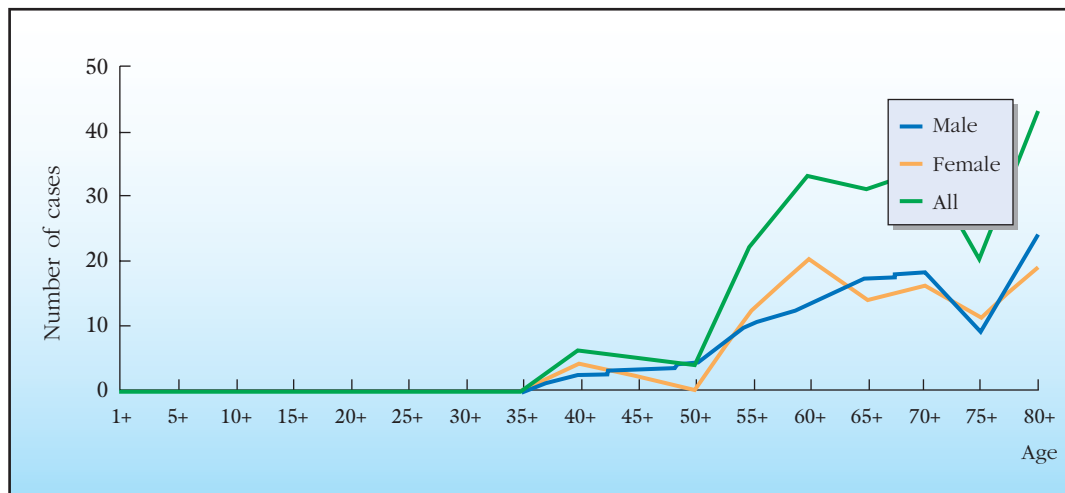
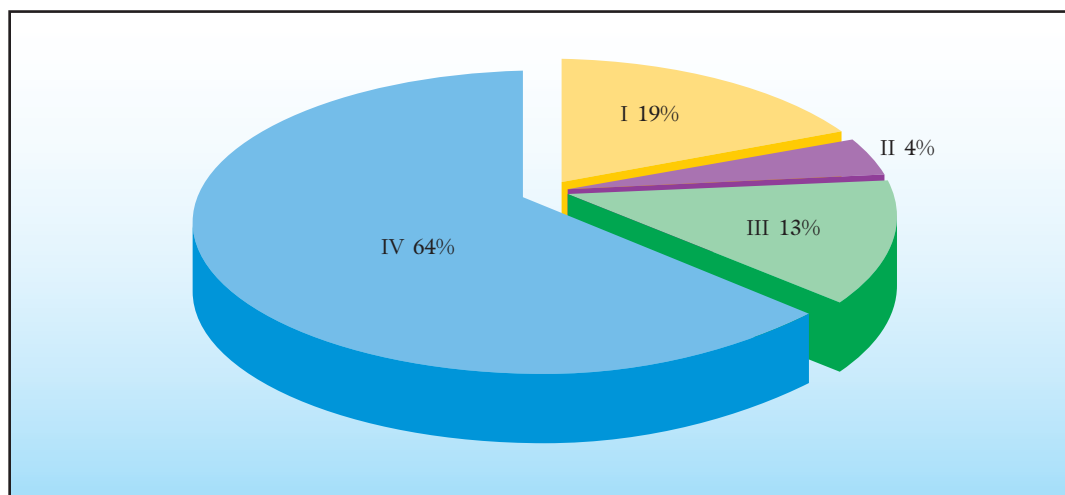


Figure 5.4 Distribution of staging for lung cancer.





CERVIX UTERI

Table 5.5 Age and gender of cervix uteri cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	54.98 (13.12)
Median and range age at diagnosis	55 (25:89)
% of the patient is lower than 15 year of age at diagnosis	0.00%
Gender	
Male	0 (0.0%)
Female	123 (100.00%)
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	0.00	1	0.81	1	0.81
Histology of primary	0	0.00	122	99.19	122	99.19
Total	0	0.00	123	100.00	123	100.00



Figure 5.5 Age at diagnosis of cervix uteri cancer, 2013, by sex.

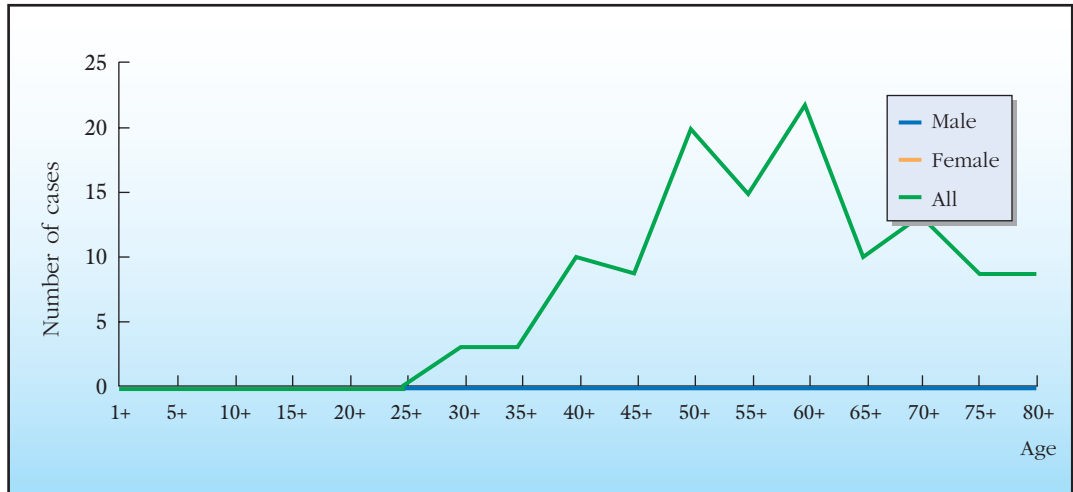
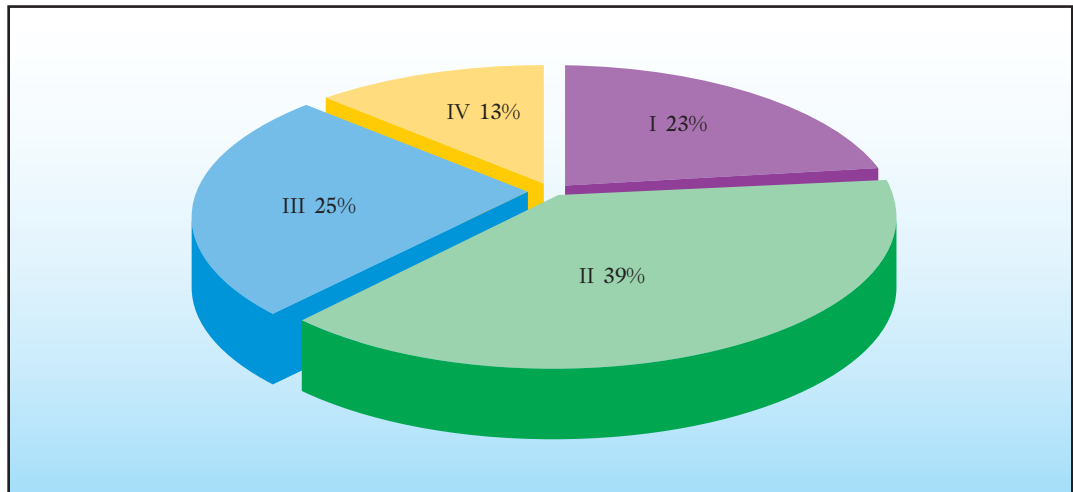


Figure 5.6 Distribution of staging for cervix uteri cancer.



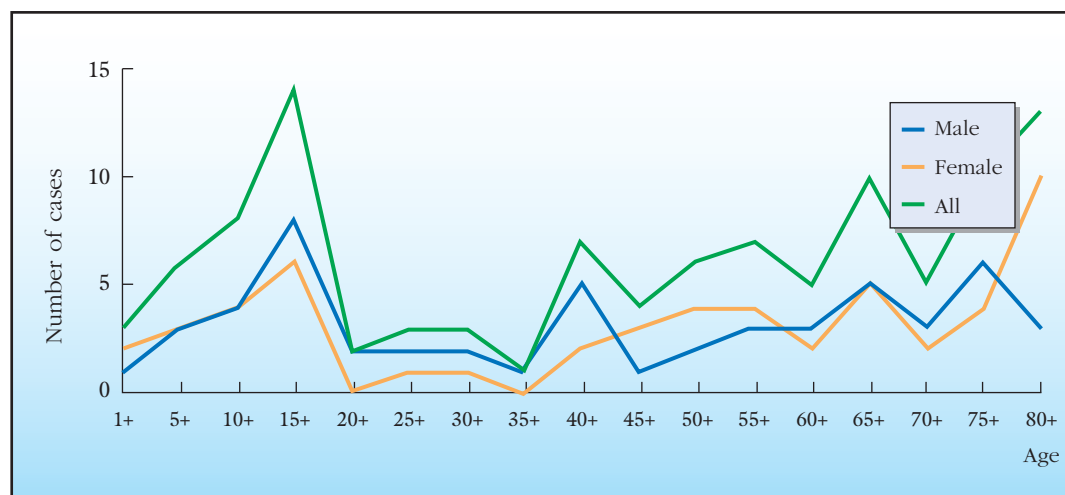


HEMATOPOIETIC AND RETICULOENDOTHELIAL

Table 5.7 Age and gender of leukemia cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	42.21 (27.18)
Median and range age at diagnosis	48 (0:87)
% of the patient is lower than 15 year of age at diagnosis	28.97%
Gender	
Male	54 (50.47%)
Female	53 (49.53%)
Sex ratio (male: female)	1.02:1

Figure 5.7 Age at diagnosis of leukemia cancer, 2013, by sex.





LIVER AND INTRAHEPATIC BILE DUCTS

Table 5.8 Age and gender of liver and bile duct cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	60.20 (13.71)
Median and range age at diagnosis	60 (0:96)
% of the patient is lower than 15 year of age at diagnosis	1.42%
Gender	
Male	237 (67.14%)
Female	115 (32.58%)
Sex ratio (male: female)	2.06:1

Table 5.9 Most valid method of diagnosis for liver and bile duct cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology or metastasis	0	0.00	1	0.87	1	0.28
Histology of primary	237	100.00	114	99.13	351	99.72
Total	237	100.00	115	100.00	352	100.00



Figure 5.8 Age at diagnosis of Liver and bile duct cancer, 2013, by sex

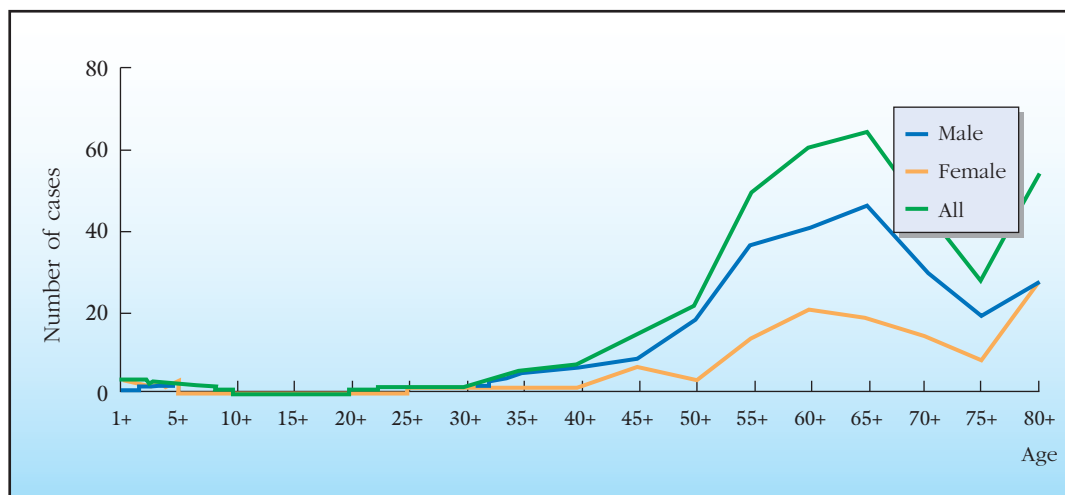
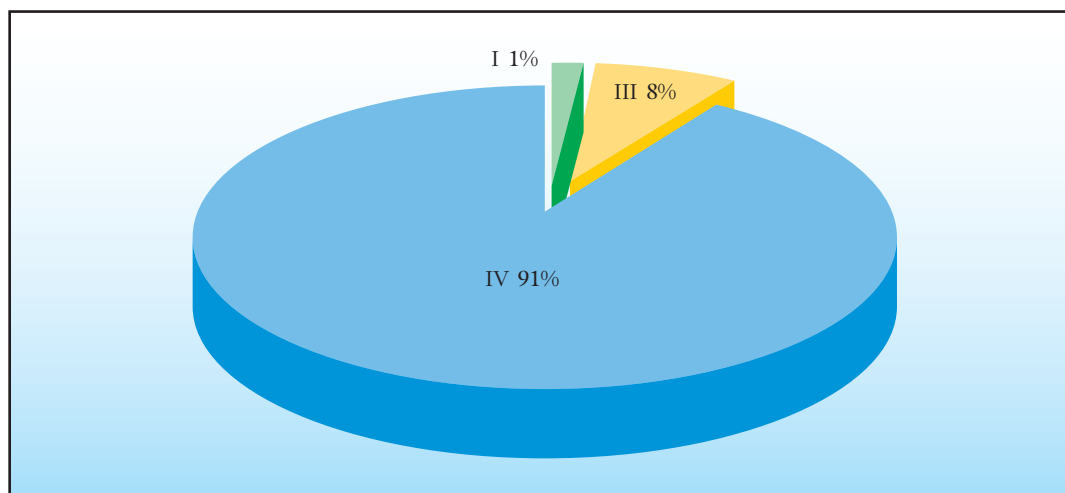


Figure 5.9 Distribution of staging for liver and bile duct cancer.





COLORECTAL

Table 5.10 Age and gender of Colon and Rectum cancer.

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	63.47 (12.23)
Median and range age at diagnosis	63 (36:93)
% of the patient is lower than 15 year of age at diagnosis	0.00%
Gender	
Male	130 (50.98%)
Female	123 (48.24%)
Sex ratio (male: female)	1.06:1

Table 5.11 Most valid method of diagnosis for colorectal cancer.

Basis of diagnosis	Male		Female		Total	
	N	%	N	%	N	%
Histology of primary	130	100.00	123	100.00	253	100.00
Total	130	100.00	123	100.00	253	100.00



Figure 5.10 Age at diagnosis of Colon and Rectum cancer, 2013, by sex.

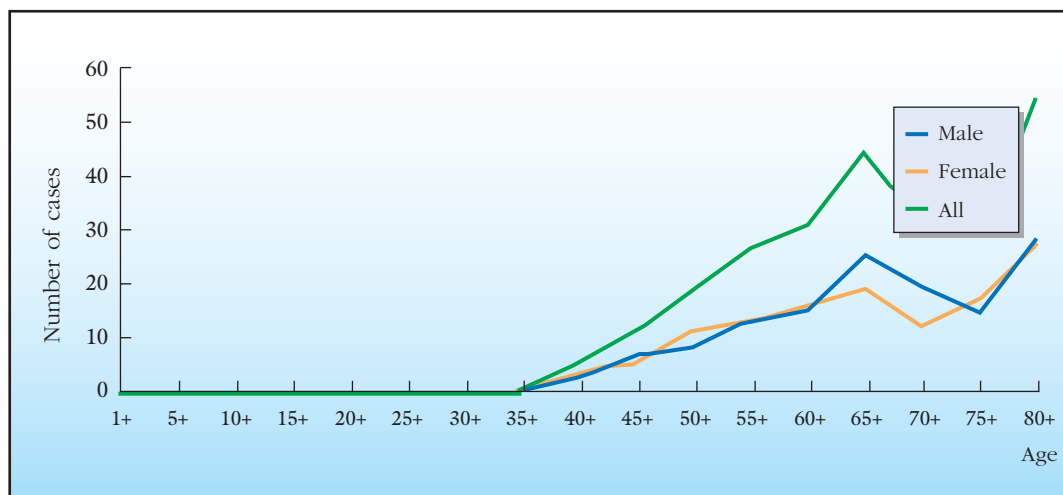
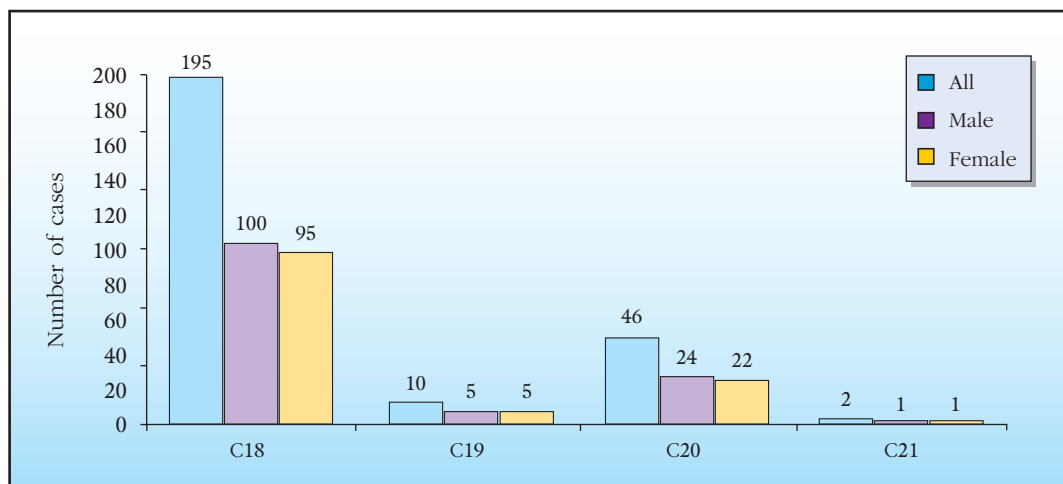


Figure 5.11 Total case by ICD-O both sex.



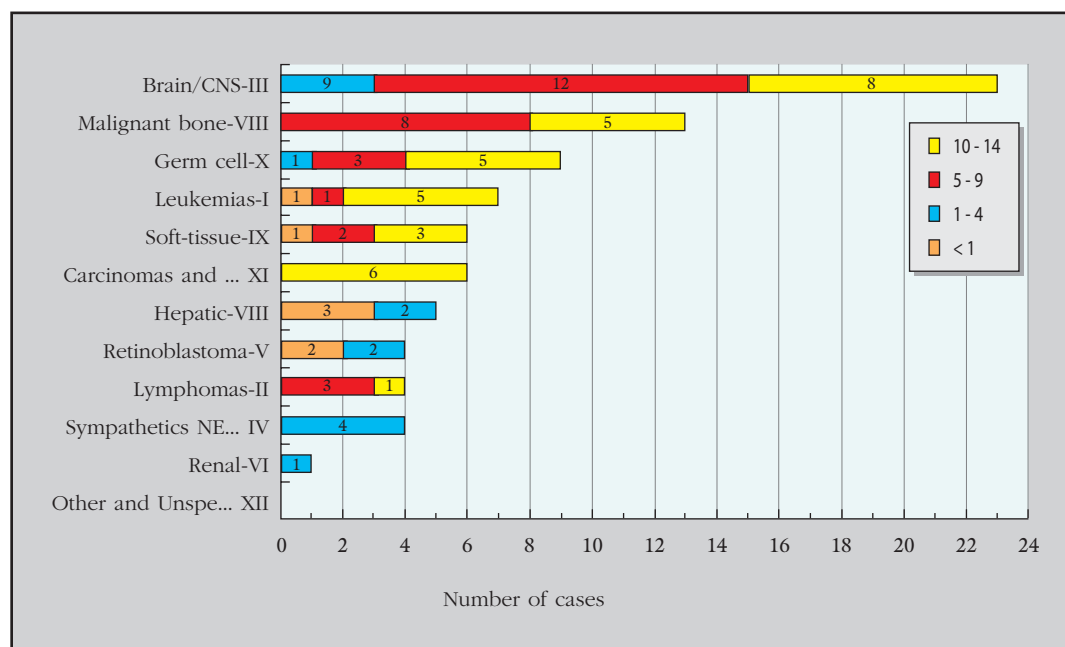


CHILDHOOD CANCER

Table 5.12 Type of diagnosis for Childhood Cancer

Special Notes	
Age	
Mean and standard deviation age at diagnosis (years)	7.75 (4.41)
Median and range age at diagnosis	8 (0:14)
% of the patient is lower than 15 year of age at diagnosis	100.00%
Gender	
Male	60 (54.55%)
Female	50 (45.45%)
Sex ratio (male: female)	1.20:1

Figure 5.12 Number of childhood cancer by ICCC group, age<15, both sexes

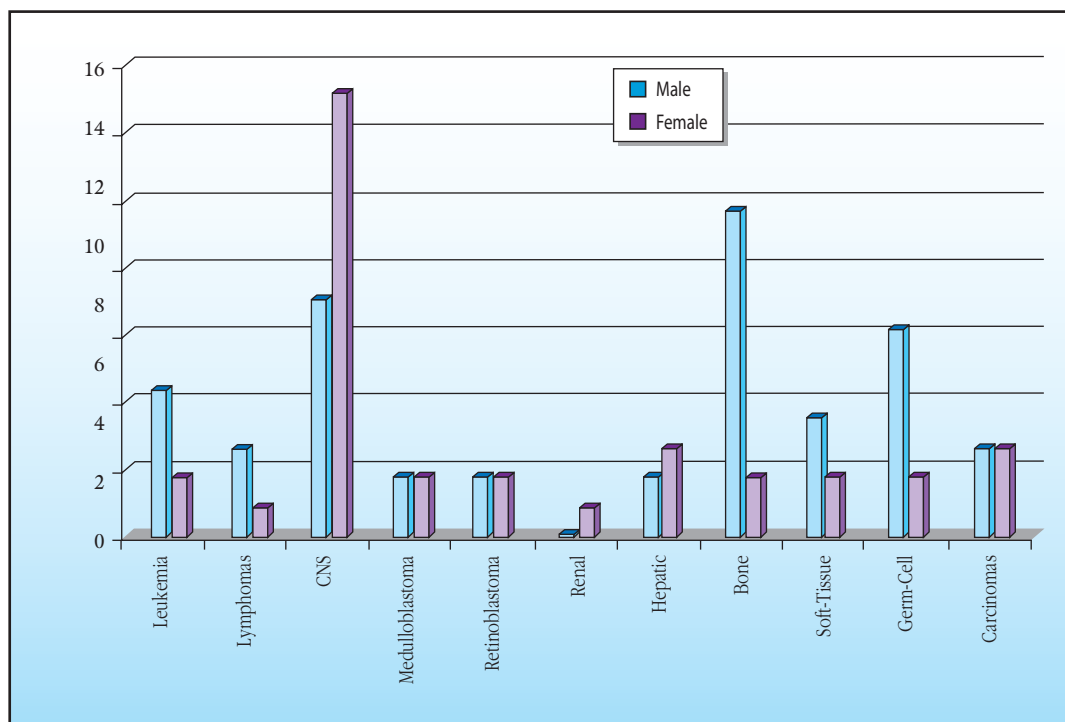


**Table 5.13** Number of Cancers in Childhood by ICCG group, age <15 both sexes

ICCC GROUP	Both	Male					Female					M:F	%MV
	sexes	< 1	1-4	5-9	10-14	All	< 1	1-4	5-9	10-14	All		
I Leukemia	7	1	0	0	4	5	0	0	1	1	2	2.5:1	100.00
II Lymphomas and Reticuloendothelial Neoplasms	4	0	0	3	0	3	0	0	0	1	1	3:1	100.00
III CNS and Miscellaneous Intracranial and Intraspinial Neoplasms	23	0	1	5	2	8	0	2	7	6	15	0.5:1	100.00
IV Sympathetic Nervous System Tumors	4	0	2	0	0	2	0	2	0	0	2	1:1	100.00
V Retinoblastoma	4	1	1	0	0	2	1	1	0	0	2	1:1	100.00
VI Renal Tumors	1	0	0	0	0	0	0	1	0	0	1	0:1	100.00
VII Hepatic Tumors	5	0	2	0	0	2	3	0	0	0	3	0.7:1	100.00
VIII Malignant Bone Tumors	13	0	0	8	3	11	0	0	0	2	2	5.5:1	100.00
IX Soft-Tissue Sarcomas	6	1	0	2	1	4	0	0	0	2	2	2:1	100.00
X Germ-Cell, Trophoblastic and other Gonadal Neoplasms	9	0	1	1	5	7	0	0	2	0	2	3.5:1	100.00
XI Carcinomas and other Malignant Epithelial Neoplasms	6	0	0	0	3	3	0	0	0	3	3	1:1	100.00
Total	82	3	7	19	18	47	4	6	10	15	35	1.3:1	100.00



Figure 5.13 Number of Cases of all Childhood Cancers by ICCC and Age Group, both Sexes





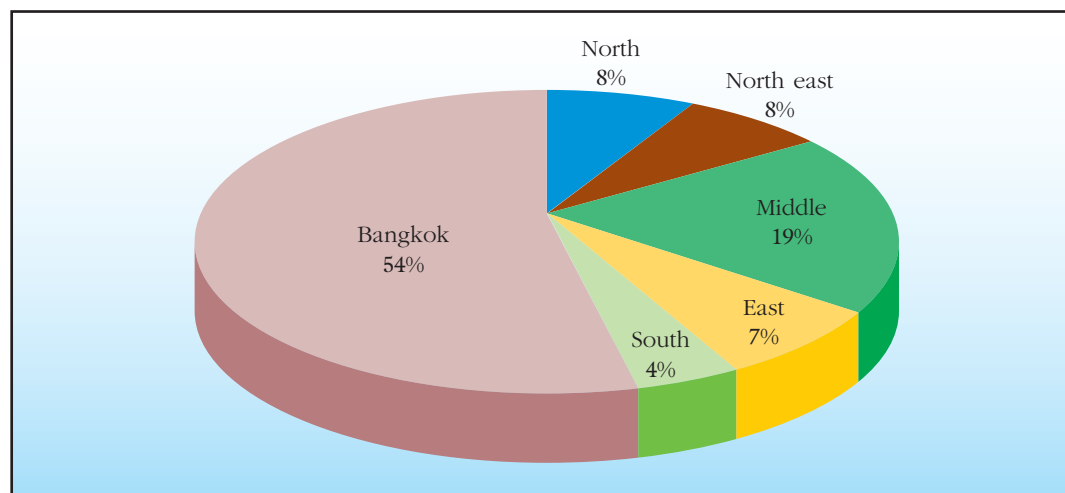
CHAPTER VI

NUMBER OF CANCERS BY REGION 2013

Table 6.1 Number of cancer cases by province 2013

Region	Freq.	Percent
south	254	8.2
east	240	7.7
north	594	19.2
north-east	223	7.2
middle	126	4.1
Bangkok	1,654	53.5
Total	3,091	100.0

Figure 6.1 Distribution of province, 2013



**Table 6.2** Number of cancer cases by topography and province, 2013

Topography	North	north-east	middle	East	South	Bangkok	Total
C00-Lip	1	1	1	0	0	2	5
C01-Toungue	1	3	1	0	0	1	6
C02-Other part of Tongue	2	1	3	1	2	8	17
C03-Gum	0	0	1	1	0	2	4
C04-Mouth	0	0	0	0	1	2	3
C05-Palte	0	0	0	2	0	3	5
C06-Other part of mouth	0	1	2	0	0	4	7
C07-Parotic gland	1	0	1	0	1	3	6
C08-unspecifed salivary	0	0	0	0	0	2	2
C09-Tonsil	1	0	2	1	0	3	7
C10-Oropharynx	0	1	0	0	0	1	2
C11-Nasopharynx	4	3	16	5	4	36	68
C12-Pyiform sinus	4	0	2	0	0	11	17
C13-Hypopharynx	0	0	1	0	0	2	3
C15-Esophagus	4	4	12	2	1	22	45
C16-Stomach	12	1	18	5	0	37	73
C17-small intestine	2	1	4	0	0	4	11
C18-Colon	18	14	31	10	8	114	195
C19-Rectosigmoid	0	0	2	1	0	7	10
C20-Rectum	3	2	12	2	1	26	46
C21-Anus,Anal canel	0	0	1	0	0	1	2
C22-Liver and Bile ducts	36	55	73	20	13	141	338
C23-Gallbladder	2	2	3	4	1	5	17
C24-other biliary tract	4	1	2	2	2	4	15
C25-Pencreas	2	3	4	2	0	23	34
C26-intestinal tract	0	0	1	0	0	0	1
C30-Nasal cavity	2	2	2	1	2	3	12
C31-Accessory sinuses	0	1	1	0	2	3	7
C32-Larynx	0	0	1	1	1	22	25
c33-Trachea	0	1	0	0	0	0	1
C34-Lung	19	5	37	12	9	116	198
C37-Thymus	2	1	1	2	0	7	13
C38-Heart	1	0	2	0	1	4	8



Topography	North	north-east	middle	East	South	Bangkok	Total
C40-Bone of skull and face and associated joint	3	1	5	2	0	6	17
C41-Bone	3	1	3	2	0	9	18
C42-Bone Marrow	9	13	23	13	2	47	107
C44-Skin	16	14	33	11	5	75	154
C48-Retroperitoneum	0	0	1	0	0	2	3
C49-Soff tissue	4	0	5	6	3	10	28
C50-Breast	46	50	132	53	18	473	772
C51-Vulva	0	0	1	0	1	5	7
C52-Vagina	0	0	0	0	0	6	6
C53-Cervix	8	10	25	6	4	76	129
C54-Corpus	4	2	8	3	1	30	48
C56-Ovary	1	4	9	5	5	17	41
C57-Other female genital	0	0	0	0	0	1	1
C58-Placenta	0	1	0	0	0	2	3
C60-Penis	1	0	1	0	1	3	6
C61-Prostate	7	6	15	5	6	64	103
C62-Testis	0	0	0	0	0	1	1
C64-Kidney	0	0	11	0	1	16	28
C65-Renal	0	0	0	0	0	3	3
C66-Ureter	0	0	2	0	1	3	6
C67- bladder	2	3	12	5	4	24	50
C69-Eye	2	2	2	3	0	2	11
C70-Meninges	0	1	0	0	0	0	1
C71-Brain	7	12	12	4	6	18	59
C72-Spinal cord	0	0	0	2	2	1	5
C73-Thyroid	12	11	37	23	10	90	183
C74-Adrenal	0	1	0	1	0	0	2
C75-Other Endocrine	1	1	1	2	0	2	7
C76-ill-defined	0	0	0	0	0	1	1
C77-Lymph node	5	3	12	2	5	35	62
C80-Unknown	2	1	7	1	2	13	26
Total	254	240	594	223	126	1,654	3,091



Figure 6.2 Distribution of staging for breast cancer by region, 2013

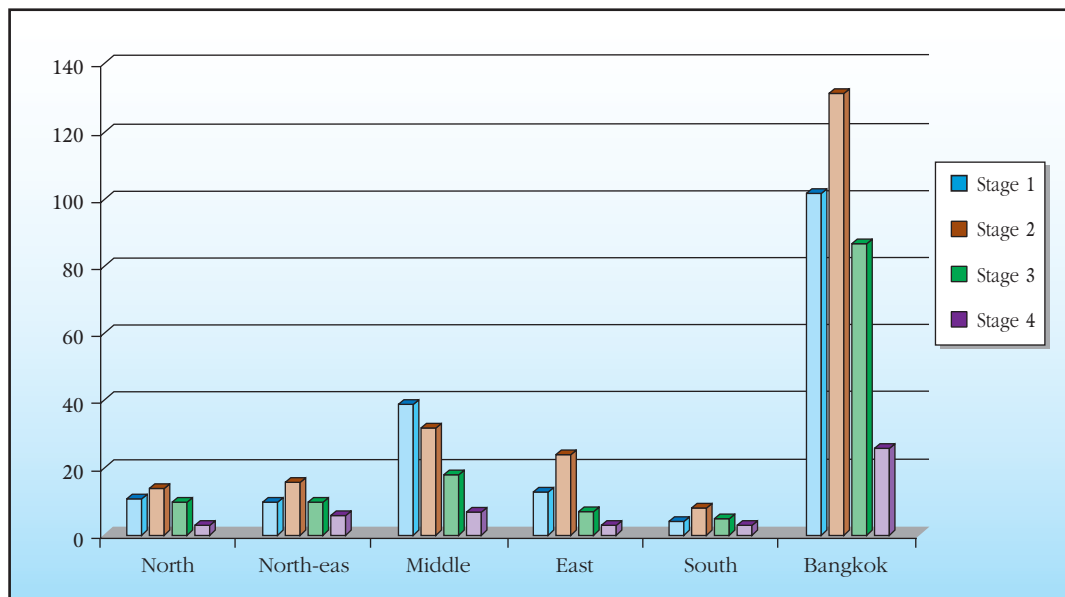


Figure 6.3 Distribution of staging for colorectal cancer by region, 2013

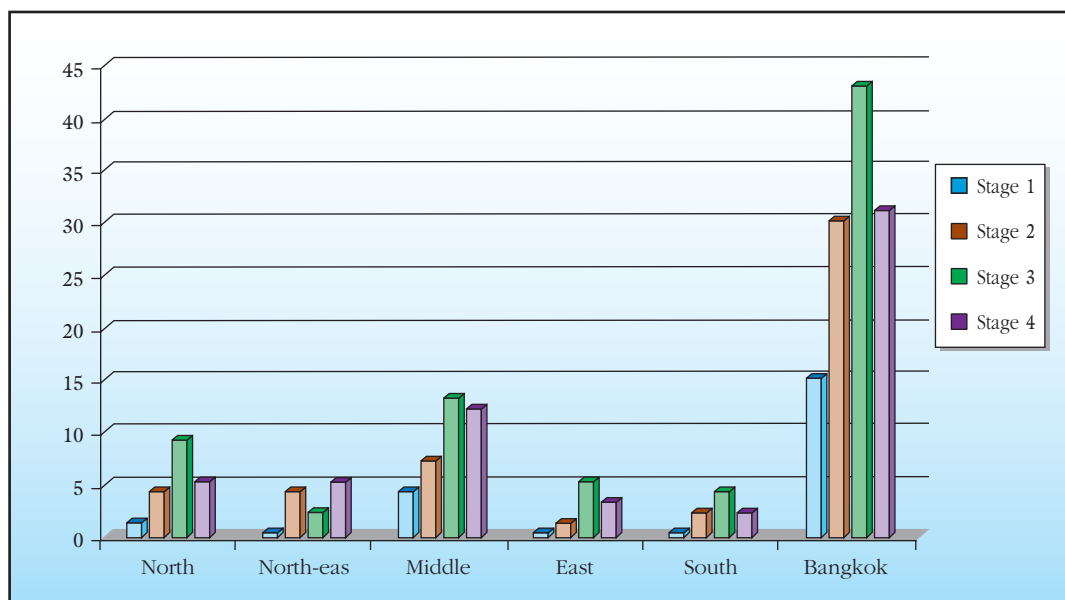




Figure 6.4 Distribution of staging for Lung cancer by region, 2013

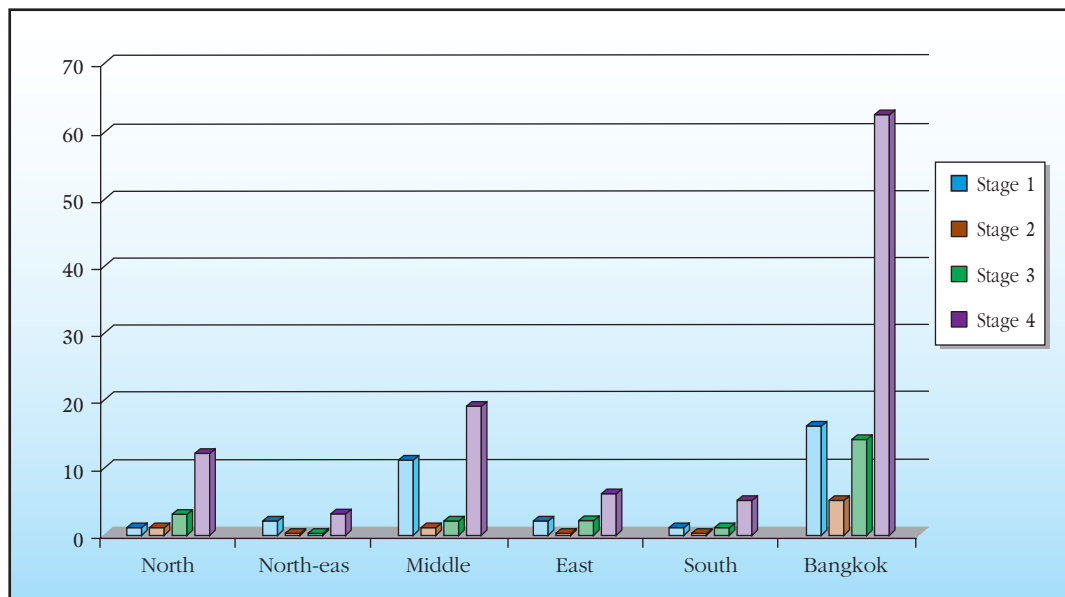


Figure 6.5 Distribution of staging for cervix cancer by region, 2013

