

TUMOUR REGISTRY

CANCER INSTITUTE SIRIRAJ HOSPITAL



STATISTICAL REPORT

1978

FACULTY OF MEDICINE SIRIRAJ HOSPITAL

MAHIDOL UNIVERSITY

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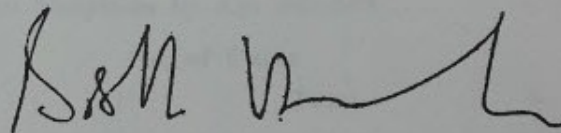
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INTRODUCTION

This twelveth report of 1978 Tumour Registry of Siriraj Hospital Cancer Institute appeared before you on the due time. There has no interruption of the publications since 1969. Since the classification used has followed the WHO coding system as usual, thus it proved to be useful to epidemiologists, oncologists as well as clinicians. There is no doubt that to make this yearly report to appear on the due time, there require much effort and co-operation of docters, and officers in charge.

On this occasion again, I would like to express my gratitude to all clinicians concern, and staffs of the Tumour Registry for their great help. without them this report would not be possible.



Bisith Viseshakul, M.D., F.A.C.S.

Chairman

Executive Committee Cancer Institute

Siriraj Hospital

Faculty of Medicine, Mahidol University

Bangkok 7, Thailand

TABLE I
Number of Patients

Type of Patient	No. of Cases
Total No. of Patients at O.P.D.	765,700
Total No. of New Patients	234,470
Total No. of New Malignancies	3,277

The cancer patients are about 1.40% of all new patients

TABLE II
Diagnosis

Diagnosed by	Number	Percentage
Histological proof	3,102	94.66
Clinical & X-ray	175	5.34
Total	3,277	100.00

TABLE III
Number Of Malignant Neoplasm by Age and Sex

Age-Group	No. of Cases			%
	M	F	Total	
Under 1	4	1	5	0.15
1+	31	22	53	1.62
5+	29	11	40	1.22
10+	20	13	33	1.01
15+	27	27	54	1.65
20+	29	45	74	2.26
25+	38	71	109	3.32
30+	49	98	147	4.48
35+	73	173	264	7.50
40+	93	241	334	10.19
45+	135	224	359	10.95
50+	164	234	398	12.14
55+	163	171	334	10.19
60+	174	174	348	10.65
65+	171	120	291	8.89
70+	131	98	229	6.98
75+	76	64	140	4.27
80+	24	29	35	1.62
85+	6	8	14	0.43
90+	3	2	5	0.15
Unknown	3	8	11	0.33

TABLE IV
Primary site

Code	Site	No. of Cases			
		M	F	Total	%
Grand Total		1,443	1,834	3,277	100.00
140-149	Malig. Neoplasm of Buccal Cavity and Pharynx	298	208	506	15.44
140	Lips	11	56	67	2.04
141	Tongue	51	24	75	2.29
142	Salivary gland	9	5	14	0.43
143	Gum	17	18	35	1.07
144	Floor of mouth	9	4	13	0.40
145	Other and unspecified parts of mouth	34	52	86	2.62
145.0	Buccal mucosa	16	41	57	1.74
145.1	Palate (hard, soft)	16	6	22	0.67
145.8	Other specified parts of mouth	-	1	1	0.03
145.9	Parts unspecified of mouth	2	4	6	0.18
146	Oropharynx	36	11	47	1.43
146.0	Tonsil	27	10	37	1.13
146.9	Parts unspecified	9	1	10	0.30
147	Nasopharynx	98	32	130	3.97
148	Hypopharynx	29	5	34	1.04
148.1	Pyriiform fossa	1	-	1	0.03
148.9	Parts unspecified	28	5	33	1.01
149	Pharynx	4	1	5	0.15
150-159	Malig. Neoplasm of Digestive Organs and Peritoneum	334	167	511	15.59
150	Oesophagus	73	27	100	3.05
151	Stomach	48	31	79	2.41
152	Small intestine, including duodenum	4	-	4	0.12
153	Large intestine, except rectum	43	26	69	2.11
154	Rectum and rectosigmoid junction	37	31	68	2.08
155	Liver and intrahepatic bile duct	125	37	162	4.94
156	Gall bladder and ducts	8	10	18	0.55
157	Pancreas	3	4	7	0.21
158	Peritoneum and retroperitoneal tissue	3	1	4	0.12
160-163	Malig. Neoplasm of Respiratory System	256	74	330	10.07
160	Nose, nasal cavities, middle ear and accessory sinuses	9	5	14	0.43
160.0	Nose (internal) and nasal cavities	6	3	9	0.27
160.2	Maxillary sinus	3	2	5	0.15
161	Larynx	81	13	94	2.87
162	Trachea, bronchus and lung	166	56	222	6.77
170-174	Malig. Neoplasm of Bone Connective tissue, skin & Breast	109	334	443	13.52
170	Bone	15	10	25	0.77
171	Soft tissue	17	19	36	1.10

Code	Site	No. of Cases			%
		M	F	Total	
172	Melanoma of skin	6	3	9	0.27
173	Other malig. neoplasm of skin	69	71	140	4.27
173.0	Skin, lips	3	3	6	0.18
173.1	Skin, eyelids	6	9	15	0.46
173.2	Skin, ear	4	2	6	0.18
173.3	Skin, unspecified parts of face	18	27	45	1.37
173.4	Skin, scalp and neck	5	5	10	0.30
173.6	Skin, trunk except scrotum	1	-	1	0.03
173.7	Skin, upper limb	6	5	11	0.34
173.8	Skin, lower limb	6	4	10	0.30
173.9	Skin, site unspecified	20	16	36	1.10
174	Breast	2	231	233	7.11
180-189	Malig. Neoplasm of Genito-Urinary organs	139	820	959	29.26
180	Cervix uteri	-	667	677	20.66
181	Chorionepithelioma	-	6	6	0.18
182	Other malignant neoplasm of uterus	-	36	36	1.10
182.0	Corpus uteri	-	28	28	0.86
182.9	Uterus, unspecified	-	8	8	0.24
183	Other malignant neoplasm of ovary of Fallopian tube	-	50	50	1.53
183.0	Ovary	-	50	50	1.53
184	Other and unspecified female genital organs	-	27	27	0.82
184.0	Vagina	-	7	7	0.21
184.1	Vulva	-	20	20	0.61
185	Prostate	15	-	15	0.46
186	Testis	9	-	9	0.27
187	Other unspecified male genital organs	43	-	43	1.31
187.0	Penis	43	-	43	1.31
188	Bladder	58	17	75	2.29
189	Other and unspecified urinary organs	14	7	21	0.64
189.0	Kidney	14	7	21	0.64
190-199	Malig. Neoplasm of Other and Unspecified Sites	144	123	267	8.15
190	Eye	13	17	30	0.92
191	Brain	14	8	22	0.67
192	Other parts of nervous system	7	3	10	0.30
192.0	Cranial nerves	2	2	4	0.12
192.2	Spinal cord	2	1	3	0.09
192.9	Site unspecified	3	-	3	0.09

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193	Thyroid gland	22	52	74	2.26
194	Suprarenal gland	1	1	2	0.06
195	Ill-defined sites	-	1	1	0.03
199	Without specification of site	87	41	128	3.91
200-209	Neoplasm of Lymphatic and Haematopoietic Tissue	153	108	261	7.97
200	Lymphosarcoma and reticulum cell sarcoma	5	26	77	2.35
201	Hodgkin's disease	22	11	33	1.01
204	Lymphatic leukaemia	20	20	40	1.22
205	Myeloid leukaemia	47	39	86	2.62
206	Monocytic leukaemia	7	7	14	0.43
207	Other and unspecified leukaemia	6	5	11	0.34

TABLE V
PATHOLOGY ACCORDING TO SITE

140	Malig.	Neoplasm of Lips	67	Cases
		Sq. cell ca	65	"
		No. histological proof	2	"
141	Malig.	Neoplasm of Tongue	75	Casse
		Sq. cell ca.	69	"
		Undiff. ca.	2	"
		Rhabdomyosarcoma	1	"
		No histological proof	3	"
142	Malig.	Neoplasm of Salivary Gland	14	Cases
		Mucoepidermoid ca.	4	"
		Adenocarcinoma	3	"
		Adenoid cystic ca.	3	"
		Acinic cell ca.	2	"
		Undiff. ca.	1	"
		Malig. lymphoma	1	"
143	Malig.	Neoplasm of Gum	35	Cases
		Sq. cell ca.	34	"
		Malig. hemangiopericytoma	1	"
144	Malig.	Neoplasm of Mouth	13	Cases
		Sq. cell ca	12	"
		No histological proof	1	"
145	Malig.	Neoplasm of Other & Unspecified Parts of Mouth	86	Cases
145.0		Buccal Mucosa	57	Cases
		Sq. cell ca.	54	"
		Undiff. ca.	1	"
		Reticulum cell sarcoma	1	"
		No histological proof	1	"
145.1		Palate	22	Cases
		Sq. cell ca.	21	"
		Undiff. ca.	1	"
145.8		Other Specified Parts of Mouth	1	Cases
		Sq. cell ca.	1	"
145.9		Parts Unspecified of Mouth	6	Cases
		Sq. cell ca.	6	"
146	Malig.	Neoplasm of Oropharynx	47	Cases
146.0		Tonsil	37	Cases
		Sq. cell ca	21	"
		undiff ca.	10	"
		Reticulum cell sarcoma	6	"
146.9		Parts Unspecified	10	Cases
		Sq. cell ca.	8	"
		Undiff. ca.	2	"

147	Malig.	Neoplasm of Nasopharynx	130	Cases
		Undiff. ca	75	
		Sq. cell ca.	46	"
		Reticulum cell sarcoma	5	"
		Adenocarcinoma	3	"
		No histological proof	1	"
148	Malig.	Neoplasm of Hypopharynx	34	Cases
	148.1	Pyriiform Fossa	1	Cases
		Sq. cell ca	1	"
	148.9	Parts Unspecified	33	Cases
		Sq. cell ca.	33	"
149	Malig.	Neoplasm of Pharynx, Unspecified	5	Cases
		Sq. cell ca.	5	"
150	Malig.	Neoplasm of Oesophagus	100	Cases
		Sq. cell ca.	86	"
		Adenocarcinoma	8	"
		Undiff. ca.	1	"
		No histological ptoof	5	"
151	Malig.	Neoplasm of Stomach	80	Cases
		Adenocarcinoma	58	"
		Mucinous ca.	6	"
		Undiff. ca.	5	"
		Sq. cell ca.	1	"
		Leiomyosarcoma	1	"
		Infiltrative scirrhus ca.	1	"
		Reticulum cell sarcoma	1	"
		No histological proof	7	"
152	Malig.	Neoplasm of Small Intestine	4	Cases
		Leiomyosarcoma	3	"
		Adenocarcinoma	1	"
153	Malig.	Neoplasm of Large Intestine	69	Cases
		Adenocarcinoma	65	"
		Leiomyosarcoma	1	"
		Malig. lymphoma, lymphocytic type	1	"
		No histological proof	2	"
154	Malig.	Neoplasm of Rectum	68	Cases
		Adenocarcinoma	60	"
		Sq. cell ca.	1	"
		Reticulum cell sarcoma	1	"
		Leiomyosarcoma	1	"
		Signet ring cell ca.	1	"
		No histological proof	4	"
155	Malig.	Neoplasm of Liver	162	Cases
		Hepatocellular ca.	63	"
		Adenocarcinoma	31	"
		Cholangiocarcinoma	16	"
		Undiff. ca.	11	"
		No histological proof	41	"

147	Malig.	Neoplasm of Nasopharynx	130	Cases
		Undiff. ca	75	
		Sq. cell ca.	46	"
		Reticulum cell sarcoma	5	"
		Adenocarcinoma	3	"
		No histological proof	1	"
148	Malig.	Neoplasm of Hypopharynx	34	Cases
148.1		Pyriiform Fossa	1	Cases
		Sq. cell ca	1	"
148.9		Parts Unspecified	33	Cases
		Sq. cell ca.	33	"
149	Malig.	Neoplasm of Pharynx, Unspecified	5	Cases
		Sq. cell ca.	5	"
150	Malig.	Neoplasm of Oesophagus	100	Cases
		Sq. cell ca.	86	"
		Adenocarcinoma	8	"
		Undiff. ca.	1	"
		No histological ptoof	5	"
151	Malig.	Neoplasm of Stomach	80	Cases
		Adenocarcinoma	58	"
		Mucinous ca.	6	"
		Undiff. ca.	5	"
		Sq. cell ca.	1	"
		Leiomyosarcoma	1	"
		Infiltrative scirrhou s ca.	1	"
		Reticulum cell sarcoma	1	"
		No histological proof	7	"
152	Malig.	Neoplasm of Small Intestine	4	Cases
		Leiomyosarcoma	3	"
		Adenocarcinoma	1	"
153	Malig.	Neoplasm of Large Intestine	69	Cases
		Adenocarcinoma	65	"
		Leiomyosarcoma	1	"
		Malig. lymphoma, lymphocytic type	1	"
		No histological proof	2	"
154	Malig.	Neoplasm of Rectum	68	Cases
		Adenocarcinoma	60	"
		Sq. cell ca.	1	"
		Reticulum cell sarcoma	1	"
		Leiomyosarcoma	1	"
		Signet ring cell ca.	1	"
		No histological proof	4	"
155	Malig.	Neoplasm of Liver	162	Cases
		Hepatocellular ca.	63	"
		Adenocarcinoma	31	"
		Cholangiocarcinoma	16	"
		Undiff. ca.	11	"
		No histological proof	41	"

156	Malig.	Neoplasm of Gall bladder	18	Cases
		Adenocarcinoma	15	"
		Sq. cell ca.	1	"
		Mucin producing ca.	1	"
		No histological proof	1	"
157	Malig.	Neoplasm of Pancreas	7	Cases
		Adenocarcinoma	4	"
		No histological proof	3	"
158	Malig.	Neoplasm of Peritoneum and Retroperitoneal tissue	4	Cases
		Reticulum cell sarcoma	2	"
		Malig. schwannoma	1	"
		Teratocarcinoma	1	"
160	Malig.	Neoplasm of Nose, Nasal Cavities Middle Ear and Accessory Sinuses	9	Cases
		Sq. cell ca.	3	"
		Undiff. ca.	3	"
		Midline malignant reticulosis	2	"
		Reticulum cell sarcoma	1	"
160.2		Maxillary Sinus	5	Cases
		Undiff ca.	2	"
		Sq. cell ca.	1	"
		Malig. fibrous histiocytoma	1	"
		No histological proof	1	"
161	Malig.	Neoplasm of Larynx	94	Cases
		Sq. cell ca.	88	"
		Undiff ca.	3	"
		Adenocarcinoma	2	"
		No histological proof	1	"
162	Malig.	Neoplasm of Trachea, Bronchus & Lung	222	Cases
		Undiff. ca, large cell type	74	"
		Adenocarcinoma	49	"
		Sq. cell ca.	41	"
		Alveolar cell ca.	7	"
		Oat cell ca.	6	"
		Malig. hemangiopericytoma	1	"
		No histological proof	44	"
163	Malig.	Neoplasm of Other & Unspecified Respiratory Organs	25	Cases
170	Malig.	Neoplasm of Bone	25	Cases
		Osteosarcoma	17	"
		Chondrosarcoma	4	"
		Ewing's sarcoma	2	"
		Angiosarcoma	1	"
		Reticulum cell sarcoma	1	"
171	Malig.	Neoplasm of Connective & Other Soft Tissue	36	Cases
		Fibrosarcoma	7	"
		Malignant fibrous histiocytoma	5	"
		Rhabdomyosarcoma	4	"
		Malignant schwannoma	3	"

		Angiosarcoma	2	"
		Reticulum cell sarcoma	3	"
		Malig. hemangiopericytoma	2	"
		Malig. mesenchymoma	3	"
		Liposarcoma	2	"
		Malig. lymphoma, lymphocytic type	2	"
		Dermatofibrosarcoma	3	"
172	Malig.	Melanoma of Skin	4	Cases
		Malig. melanoma	4	"
173	Other.	Malig Neoplasm of Skin	140	Cases
173.0		Skin, Lips	6	Cases
		Basal cell ca.	4	"
		Sq. cell ca.	2	"
173.1		Skin, Eyelids	15	Cases
		Basal cell ca.	9	"
		Sq. cell ca.	5	"
		Sebaceous ca.	1	"
173.2		Skin, Ear	6	Cases
		Sq. cell ca.	3	"
		Basal cell ca.	3	"
173.3		Skin, Unspecified Parts of Face	45	Cases
		Basal cell ca.	38	"
		Sq. cell ca.	7	"
173.4		Skin, Scalp	10	Cases
		Sq. cell ca.	8	"
		Basal cell ca.	2	"
173.6		Skin, Trunk except Scrotum	1	Cases
		Sq. cell ca.	1	"
173.7		Skin, Upper limb	11	Cases
		Sq. cell ca.	8	"
		Bowen's disease	2	"
		Basal cell ca.	1	"
173.8		Skin, Lower limb	10	Cases
		Sq. cell ca.	10	"
173.9		Skin, Unspecified	36	Cases
		Sq. cell ca.	18	"
		Basal cell ca.	16	"
		Malig melanoma	1	"
		Bowen's disease	1	"
		Sweat gland ca.	1	"
174	Malig.	Neoplasm of Breast	233	Cases
		Infiltrating ductal ca.	192	"
		Non-infiltrating ductal ca.	5	"
		Colloid ca.	6	"
		Infiltrating lobular ca.	3	"
		Sq. cell ca.	3	"
		Malig. cystosarcoma	2	"
		Medullary ca.	1	"
		No histological proof	21	"

180	Malig.	Neoplasm of Cervix	677	Cases
		Sq. cell ca.	574	"
		Adenocarcinoma	66	"
		Ca. in situ	16	"
		No histological proof	21	"
181		Chorionepithelioma	6	Cases
		Choriocarcinoma	6	"
182	Malig.	Neoplasm of Uterus and Corpus	36	Cases
182.0		Corpus Uteri	36	Cases
		Adenocarcinoma	31	"
		Leiomyosarcoma	3	"
		Undiff. ca.	1	"
		Sarcoma Unclassified	1	"
183	Malig.	Neoplasm of Ovary, Fallopian Tube		
		Broad Ligament	50	Cases
183.0		Ovary	50	Cases
		Cystadenocarcinoma	20	"
		Adenocarcinoma	11	"
		Dysgerminoma	5	"
		Malig. teratoma	2	"
		Granulosa cell ca.	2	"
		Sq. cell ca.	1	"
		Leiomyosarcoma	1	"
		Clear cell ca.	1	"
		Anaplastic ca.	2	"
		Adenofibroma, borderline malignant	1	"
		Burkitt's lymphoma	1	"
		No histological proof	3	"
184	Malig.	Neoplasm of Other and unspecified		
		Female Genital Organs	7	Cases
184.0		Vagina	7	Cases
		Sq. cell ca.	6	"
		Malig melanoma	1	"
184.1		Vulva	20	Cases
		Sq. cell ca.	20	"
185	Malig.	Neoplasm of Prostate	15	Cases
		Adenocarcinoma	14	"
		Undiff. ca.	1	"
186	Malig.	Neoplasm of Testis	9	Cases
		Embryonal cell ca.	4	"
		Seminoma	3	"
		Reticulum cell sarcoma	1	"
		Malig. lymphoma lymphocytic type	1	"
187	Malig.	Neoplasm of Other and Unspecified Male		
		genital Organs	43	Cases
187.0		Penis	43	Cases
		Sq. cell ca.	36	"
		No histological proof	7	"
188	Malig.	Neoplasm of Bladder	75	Cases
		Transitional cell ca.	61	"
		Adenocarcinoma	5	"
		Undiff. ca.	3	"

10				
		Sq. cell ca.	2	Cases
		Sarcoma, unclassified	1	"
		No histological proof	3	"
189	Malig.	Neoplasm of Other and Unspecified Urinary Organs	21	Cases
	189.0	Kidney	21	Cases
		Renal cell ca.	14	"
		Transitional cell ca.	3	"
		Wilm's tumour	3	"
		Malig. lymphoma, lymphocytic type	1	"
190	Malig.	Neoplasm of Eye	30	Cases
		Retinoblastoma	25	"
		Sq. cell ca.	3	"
		Adenoid cystic ca.	1	"
		Malig. fibrous histiocytoma	1	"
191	Malig.	Neoplasm of Brain	22	Cases
		Glioblastoma, multiforme	11	"
		Astrocytoma	7	"
		Ependymoma	2	"
		Medulloblastoma	1	"
		No histological proof	1	"
192	Malig.	Neoplasm of Nervous System	4	Cases
	192.0	Cranial Nerves	4	Cases
		Neuroblastoma	2	"
		Nurilemmoma	2	"
	192.2	Spinal Cord	3	Cases
		Malig. schwannoma	1	"
		Malig. Teratoma	1	"
		Astrocytoma	1	"
	192.9	Site Unspecified	3	Cases
		Neuroblastoma	3	"
193	Malig.	Neoplasm of Thyroid	74	Cases
		Papillary ca.	34	"
		Follicular ca.	31	"
		Undiff. ca.	7	"
		Sq. cell ca.	1	"
		No. histological proof	1	"
194	Malig.	Neoplasm of Suprarenal Gland	2	Cases
		Neuroblastoma	2	"
195	Malig.	Neoplasm of Ill-defined Sites	8	Cases
		Adenocarcinoma	1	"
199	Malig.	Neoplasm of Unspecified Site	126	Cases
		Adenocarcinoma	60	"
		Undiff. ca.	30	"
		Sq. cell ca.	23	"
		Papillary ca.	7	"
		Mucin producing ca.	2	"
		Clear cell ca.	1	"
		Malig. Lymphoma lymphocytic type	1	"
		Signet ring cell ca.	1	"
		No histological proof	1	"

200	Lymphosarcoma and Reticulum Cell Sarcoma	77	Cases
	Reticulum cell sarcoma	25	"
	Malig. lymphoma, lymphocytic type	35	"
	Malig. lymphoma lymphoblastic type	12	"
	Malig. histiocytosis	3	"
	Malig. lymphoma reticulum cell type	2	"
201	Hodgkin's Disease	33	Cases
	Hodgkin's disease	33	"
204	Lymphatic Leukaemia	40	Cases
	Acute	38	"
	Chronic	2	"
205	Myeloid Leukaemia	86	Cases
	Acute	55	"
	Chronic	31	"
206	Monocytic Leukaemia	14	Cases
	Acute	14	"
207	Other and Unspecified Leukaemia	11	Cases
	Acute	11	"

TABLE VI
THE 10 LEADING SITES

Site	All Sites	No. of Cases			
		M	F	TOTAL	%
		1,443	1,834	3,277	100.00
Cervix uteri		–	677	677	20.65
Oral cavity (not including pharynx)		122	154	276	8.42
Breast		2	231	233	7.11
Trachea, Bronchus & Lungs		166	56	222	6.77
Liver		125	37	162	4.94
Skin		78	76	154	4.70
Leukaemia		80	71	151	4.61
Nasopharynx		98	32	130	3.97
Oesophagus		73	27	100	3.05
Larynx		81	13	94	2.87

TABLE VII
MALIGNANT NEOPLASM IN CHILDHOOD

Site	Age-Group	No. of Cases			1+		5+		10+	
		TOTAL	M	F	M	F	M	F	M	F
	Total	126	80	46	31	22	29	11	20	13
155	Liver and intrahepatic bile ducts	3	2	1			1	-	1	1
170	Bone	4	1	3	1	-	-	2	-	1
171	Soft tissue	3	2	1	-	1	2	-		
172	Melanoma of Skin	1	1	-			1	-		
183	Ovary	2	-	2		-	1	-	1	
186	Testis	2	2	-	2	-				
188	Bladder	1	-	1	-	1				
189.0	Kidney	4	3	1	2	1	1	-		
190	Eye	21	9	12	7	9	2	3		
191	Brain	10	8	2	2	-	4	-	2	2
192	Nervous system, cranial nerves	1	1	-	1	-				
192.2	Nervous system spinal cord	1	1	-					1	-
192.9	Nervous system, site unspecified	3	3	-	2	-	1	-		
193	Thyroid gland	3	2	1			1	-	1	1
194	Suprarenal gland	2	1	1	1	1				
199	Without specification of site	1	-	1					-	1
200	Lymphosarcoma & reticulum cell sarcoma	10	10	-			4	-	6	-
201	Hodgkin's disease	7	6	1			4	1	2	-
204	Lymphatic leukaemia	28	14	14	6	6	6	2	2	6
205	Myeloid leukaemia	16	11	5	6	2	2	2	3	1
206	Monocytic leukaemia	2	2	-					2	-
207	Other unspecified	1	1	-	1	-				

TABLE VIII
PRIMARY SITES AS TO AGE AND SEX

SITE	AGE-GROUP													Unknown							
	Under 1	1+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+		60+	65+	70+	75+	80+	85+	90+
Grand Total	3277	53	40	33	54	74	109	147	248	334	359	398	334	348	291	229	140	53	14	5	11
Male	1443	31	28	20	27	29	38	48	73	93	135	164	163	175	171	131	76	24	6	3	17
Female	1834	22	11	13	27	45	71	98	173	241	224	234	171	174	120	98	64	29	8	2	8
Malign. Neoplasm of Buccal Cavity & Pharynx:																					
Lip	T 87										6	7	9	10	9	10	11	6	1		
	M 11										1	1	2	2	1	1	2	1	1		
	F 56										4	6	7	8	8	10	9	4	1		
Tongue	T 75							2	2	2	10	9	10	11	13	7	5	3		1	
	M 51							1	1	1	5	6	7	8	9	6	4	2			
	F 24							1	1	1	5	3	3	3	4	1	1	1			
Salivary gland	T 14				1	3	1	2	2	2	1	1	1	1	3	4	1	1			
	M 9				1	2	1	1	1	2	1	1	1	1	3	3	1	1			
	F 5				1	1	1	2	2	2	1	1	1	1	3	3	1	1			
Gum	T 35								1	2	1	1	1	1	6	6	3	2	1	1	
	M 17								1	1	1	1	2	7	3	1	1	1	1		
	F 18							1	1	1	1	1	1	1	3	5	2	2	1	1	
Floor of mouth	T 13									1	2	3	1	1	1	2	1	1			
	M 9									1	2	2	1	1	1	1	1	1			
	F 4									1	1	1	1	1	1	1	1	1			
Buccal mucosa	T 57								1	1	3	6	3	13	11	8	6	5	1	1	
	M 16							1	1	1	2	3	3	3	3	1	4	5	1	1	
	F 41							1	1	1	2	4	3	10	8	7	2	5	1	1	
Palate (hard, soft)	T 22								1	1	1	4	1	2	2	7	4	4	1	1	
	M 18								1	1	1	3	1	1	1	7	4	4	1	1	
	F 6								1	1	1	1	1	1	1	2	2	2	1	1	
Other specified parts of mouth	T 1																1	1			
	M -																1	1			
	F 1																1	1			
Part unspecified of mouth	T 6							1	1	1	3	3	1	1	1	1	1	1			
	M 2							1	1	1	2	2	1	2	1	1	1	1			
	F 4							1	1	1	2	2	1	2	1	1	1	1			
Tonsil	T 37									6	3	3	7	5	6	4	1	1			
	M 27								3	3	2	2	6	4	4	4	1	1			
	F 10								3	1	1	1	1	1	2	1	1	1			
Oropharynx	T 10									2	2	1	1	1	1	1	1	1			
	M 9									2	1	1	1	1	1	1	1	1			
	F 1									1	1	1	1	1	1	1	1	1			
Nasopharynx	T 130									18	28	12	13	10	14	2	4	4			
	M 88								10	21	10	12	12	9	13	2	3	3			
	F 82								7	7	2	1	1	1	1	1	1	1			
Hypopharynx	T 33								2	2	2	5	5	1	4	5	7	1			
	M 28								1	1	1	2	3	1	1	4	6	1			
	F 5								1	1	1	2	2	1	1	1	1	1			
Pharynx	T 5								1	1	1	1	1	1	1	1	1	1			
	M 4								1	1	1	1	1	1	1	1	1	1			
	F 1								1	1	1	1	1	1	1	1	1	1			

AGE-GROUP Under 1+ 5 10+ 15+ 20+ 25+ 30+ 35+ 40+ 45+ 50+ 55+ 60+ 65+ 70+ 75+ 80+ 85+ 90+ Unknown

SITE

Malign. Neoplasm of Digestive Organs & Peritoneum:

Oesophagus	T 100	1	2	3	3	18	19	16	19	3	19	3	4	1					
	M 73	1		2	2	13	10	9	15	3	14	3	3	1					
	F 27			1	1	6	3	7	4		6		1						
Stomach	T 80	2	1	6	7	16	7	10	11	8	6	9	8	1					
	M 48	1		3	3	12	5	5	7	1	7	7	7	1					
	F 32	1	1	3	4	3	2	5	4		4	2							
Small intestine including duodenum	T 4			2	1			1	1										
	M 4			2	1														
	F -																		
Large intestine, except rectum	T 69	1	2	7	12	5	5	10	13	4	4	3	4	1					
	M 43	1	2	5	8	2	5	6	6	3	2	2	2	1					
	F 26			2	4	3		6	7	1	1	1							
Rectum & rectosigmoid junction	T 68	1	2	6	7	6	8	9	5	8	2	2	1						
	M 37	1		3	6	2	3	6	3	6	2	1							
	F 31		2	1	5	3	3	3	2	2	2	1	1						
Liver & intrahepatic bile ducts	T 162	1	6	10	13	26	29	18	8	4	4	2	2	1					
	M 126	1	6	7	11	17	22	11	8	4	4	2	2	1					
	F 37		1	3	2	8	7	7											
Gall bladder & ducts	T 19			2	1	1	1	3	4	2	2	2	2						
	M 8							1	3	1	1	1	1						
	F 11			2	1	1	2	2	1	1	1	1	2						
Pancreas	T 7		1	1	1			2	2	1	1	1	1						
	M 3		1	1	1														
	F 4							2	2										
Peritoneum & retroperitoneal tissue	T 4			1	1			1	1	1	1	1	1						
	M 3			1	1														
	F 1																		
Malign. Neoplasm of Respiratory System:																			
Nose, nasal cavities middle ear & accessory sinuses	T 15		2	1	1	3	2	1	2	1	2	1	1						
	M 10		1	1	2	2	1	1	1	1	1	1	1						
	F 5		1			13	14	21	18	11	8	8	2						
Larynx	T 94			1	3	10	13	19	16	10	7	7	2						
	M 81			1	1	3	1	2	2	1	1	1							
	F 13																		
Trachea, bronchus & Lung	T 222	2	1	8	15	21	41	28	38	19	9	9	1	1					
	M 166		1	2	6	17	26	24	28	18	7	7	1	1					
	F 66	2		1	2	7	4	4	10	5	2	2	1						

AGE-GROUP Under 1+ 5+ 10+ 15+ 20+ 25+ 30+ 35+ 40+ 45+ 50+ 55+ 60+ 65+ 70+ 75+ 80+ 85+ 90+ Unknown

SITE	Under 1+	5+	10+	15+	20+	25+	30+	35+	40+	45+	50+	55+	60+	65+	70+	75+	80+	85+	90+	Unknown
Nervous system, site																				
Unspecified																				
T	2	1																		
M	2	1																		
F	-	-																		
Thyroid gland																				
T			2	5	11	3	6	8	4	6	4	5	4	8	6	1				
M			1	-	1	1	2	2	-	1	3	2	4	4	4	-				
F			1	5	10	2	4	6	4	5	1	3	4	4	2	1				
Suprarenal gland																				
T	2																			
M	1																			
F	1																			
Ill-defined sites																				
T											1									
M											-									
F											1									
Without specification of site																				
T			1	2	1	6	3	9	8	16	15	18	16	12	9	5	1	3	1	1
M			-	-	-	3	3	7	5	13	11	10	12	10	6	4	1	1	1	1
F			1	2	1	3	-	2	3	3	4	8	4	2	3	1	-	2	-	-
Neoplasm of Lymphatic & Haematopoietic tissue																				
Lymphosarcoma & Reticulum Cell sarcoma:																				
T	1		5	3	7	3	4	3	8	6	4	7	5	7	3	6	1			
M	1		5	3	6	2	2	2	6	4	3	4	4	7	3	1				
F	-		-	-	1	1	1	1	2	2	1	3	1	7	2	1				
Hodgkin's disease																				
T			2	1	7	2	5	1	2	1	1	1	1	7	2	1				
M			2	1	6	2	3	1	2	-	1	1	1	2	1	1				
F			-	-	1	-	2	-	-	1	1	1	1	2	2	1				
Lymphatic leukaemia																				
T	12	8	8	5	1		2	1	1			1	1							
M	6	6	2	3	1		1	1	-			-	1							
F	6	2	6	2	-		1	1	1			1	-							
Myeloid leukaemia																				
T	8	4	4	12	6	7	6	7	11	6	2	4	3	4	1	1	1			
M	6	2	3	7	3	3	4	5	5	4	-	2	1	1	1	1	1			
F	2	2	1	5	3	4	2	2	6	2	2	2	2	3	-	-	-			
Monocytic leukaemia																				
T			2	2	1		1	3	1	1	1	1	1	1	1	1				
M			2	-	-		1	2	1	-	-	-	1	-	-	-				
F			-	2	1		-	1	-	1	1	-	-	-	1	-				
Other & unspecified leukaemia																				
T	1		3	2	2	1	1	1	1	1	1	1	1	1	1	1				
M	1		2	1	1	1	-	1	1	1	1	1	1	1	1	1				
F	-		1	1	1	-	1	-	-	1	1	1	1	1	1	1				

TABLE IX
THE COMMON SITE MALIGNANCY BY PERCENTAGE
1974-1978

Site	Percentage				
	1974	1975	1976	1977	1978
Total Cases	3,159	3,032	2,993	3,096	3,278
Cervix uteri	18.6	17.7	22.0	20.02	20.65
Oral cavity (not including pharynx)	12.9	11.5	10.5	9.72	8.42
Breast	6.3	7.2	5.8	7.56	7.11
Trachea, bronchus & lungs	5.3	4.8	4.1	5.69	6.77
Liver	5.7	5.9	4.6	4.85	4.94
Skin	5.7	5.0	5.0	4.81	4.70
Leukaemia	1.9	4.4	1.8	4.23	4.61
Nasopharynx	4.9	3.7	4.2	4.52	3.97
Oesophagus	2.9	3.5	3.4	2.13	3.05
Larynx	2.8	2.7	3.0	2.62	2.87

TABLE X

No. OF CASES OF MALIGNCY BY PROVINCES AS REPORTED

Provinces	No. of Cases		
	Total	Male	Female
All Provinces	3,277	1,443	1,834
Angthong	18	5	13
Bangkok	1,038	438	600
Buriram	16	6	10
Chanthaburi	13	8	5
Cha-choengsao	29	12	17
Chayaphum	28	12	16
Chainat	12	3	9
Chiangmai	-	-	-
Chiengrai	11	9	2
Chonburi	39	11	28
Chumphon	23	14	9
Kalasin	19	11	8
Kamphaengphet	17	8	9
Kanchana-buri	68	25	43
Khonkaen	43	20	23
Krabi	4	1	3
Lampang	6	1	5
Loei	6	4	2
Lopburi	28	17	11
Mahasarakham	17	9	8
Nakornayok	12	4	8
Nakornpathom	144	70	74
Nakornphanom	13	6	7
Nakornsawan	52	21	31
Nakornratchsima	74	31	43
Nakornsithamrat	44	22	22
Narathiwat	2	-	2
Nonthauri	70	36	34
Nongkhai	11	5	6
Pathumthani	16	6	10
Pathani	7	1	6
Phang-nga	7	5	2
Payao	2	2	-
Phatthalung	15	7	8

Province	No. of Cases		
	Total	Male	Female
Phetburi	45	16	29
Phetchbun	41	17	24
Phuket	6	2	4
Phrae	3	2	1
Pichit	34	19	15
Pitsnulok	25	8	17
Prachinburi	34	18	16
Prachuapkirikhar	28	11	17
Pranakhornsriyuthaya	61	26	35
Rajburi	96	39	57
Ranong	8	3	5
Rayong	10	2	8
Roi-et	35	23	12
Samutprakan	60	24	36
Samutsakhorn	73	22	51
Samutsongkhram	30	7	23
Sakonnakhorn	12	3	9
Satun	3	2	1
Saraburi	26	12	14
Singburi	9	3	6
Songkhla	28	7	21
Srisaket	15	11	4
Sukhothai	18	8	10
Suphanburi	68	23	45
Surathani	38	16	22
Surin	21	8	13
Tak	10	2	8
Trat	7	5	2
Trang	12	7	5
Ubonratchthani	20	5	15
Udonthani	36	15	21
Uthaitani	10	6	4
Utharadit	10	2	8
Yala	6	3	3
Yasothon	8	2	6

TABLE XI
NUMBER OF MALIGNANCY BY OCCUPATION AND REGION

Occupation	Region				Total
	North	North-East	Central	South	
Farming	45	231	238	42	556
Plantation	13	25	186	41	265
Unoccupied	6	17	87	6	116
Official	8	17	115	14	154
Worker	11	31	386	20	448
Housewife	28	60	752	41	881
Merchantile	25	25	300	33	383
Fishery	-	-	1	1	2
Priest	-	9	32	5	46

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