

APPENDIX

D

BANGKOK
CANCER
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AND POPULATION**

Bangkok Metropolis is the capital city of Thailand, located in the Central part covering an area of 1 565 square kilometers (National Statistical Office, 1994). It is bordered by Nonthaburi and Pathumthani province to the north, Chachaeng Soa to the east, Samut Prakan to the south, and Nakhon pathom, Samut Sakhon to the west. The climate is about 21 to 38°C. The total population at the 2000 census was 6.32 million. Nearly all people (98.9%) are Thai nationality. The density of population is about 4 061 per square kilometer. About 95.5% are Buddhists, a few are Muslims (4.3%), and the rest are Christians or others (National Statistical Office, 2002).

Data form Public Health statistics shows that Bangkok has the highest level of facilities for general health care. The ratio of population per physician is 793:1, while in other provinces is 6 237:1. National Cancer Institute and oncological units in the major teaching hospitals have provided specialized treatment for cancer patients not only in Bangkok, but for other provinces by mean of referral system.

REGISTRY PROCEDURES

National Cancer Institute developed a population-based cancer registry for Bangkok Metropolis in 1990. The work began with a retrospective review of records covering the period 1988-1990, which involved data collection from 42 hospitals, and 3 private laboratories. Smaller private hospitals and those under 50 beds were not included in the registry when the statistical report was published in

Cancer in Thailand (1988-1991).

The cancer registry gradually obtained increased cooperation from large hospitals and small private hospitals. In the period 1992-1994 the Bangkok Cancer registry collected information of cancer patients from 95 hospitals and 3 laboratories, and finally in the period 1995-1997, it collected data from 122 hospitals and 3 private laboratories.

The minimum information for each cancer patient consists of: registry number, name, residential address, date of birth, age, sex, date of diagnosis, tumors, date of last contact (alive or dead), site of cancer, cancer histology, method of diagnosis, extension of cancer, number of primary tumors. In each hospital, cases were ascertained from medical records, both in and out-patient departments, pathology records (including cytology, hematology, and autopsy reports), radio therapy records, imaging reports, and from hospital tumor registry, if available. Data notification forms are checked for duplication and keyed into the data base, using the CanReg programme for data entry and analysis.

The primary site and histology are coded according to ICD-O second edition (Percy *et al.*, 1990). Second and subsequent primary cancers are also registered. A new registration number is given for each new primary cancer as indicated by the 3 digit ICD-O code, as specified in the ICD-O manual. Cases of carcinoma in situ are registered but not included in the calculation of incidence rates. Those that become invasive are re-registered as invasive carcinoma, with the behavior code changed to "3" (malignant).

Figure 1 Population pyramid, Bangkok, 1996

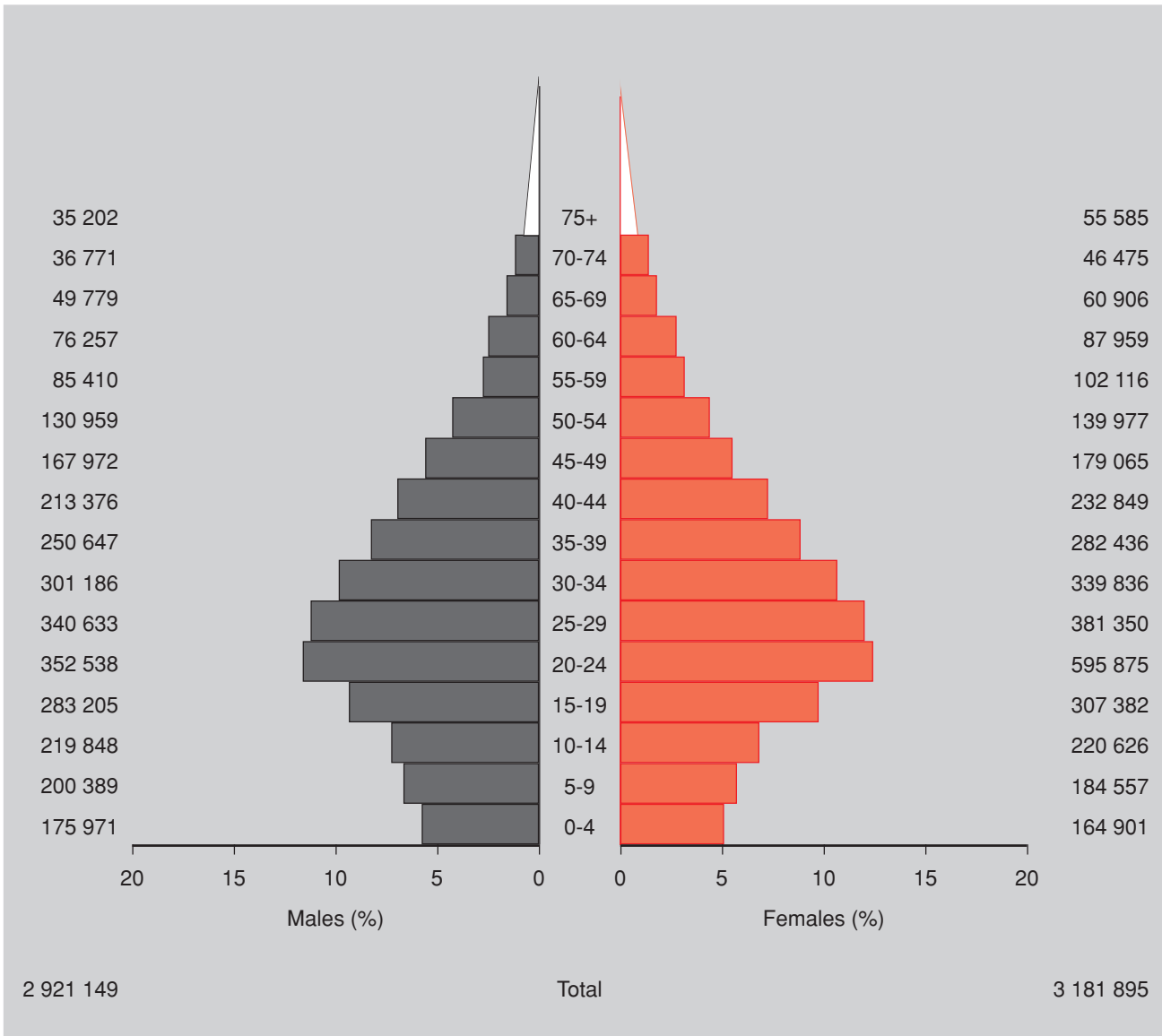


Figure 2 Leading cancers in Bangkok, 1995-1997

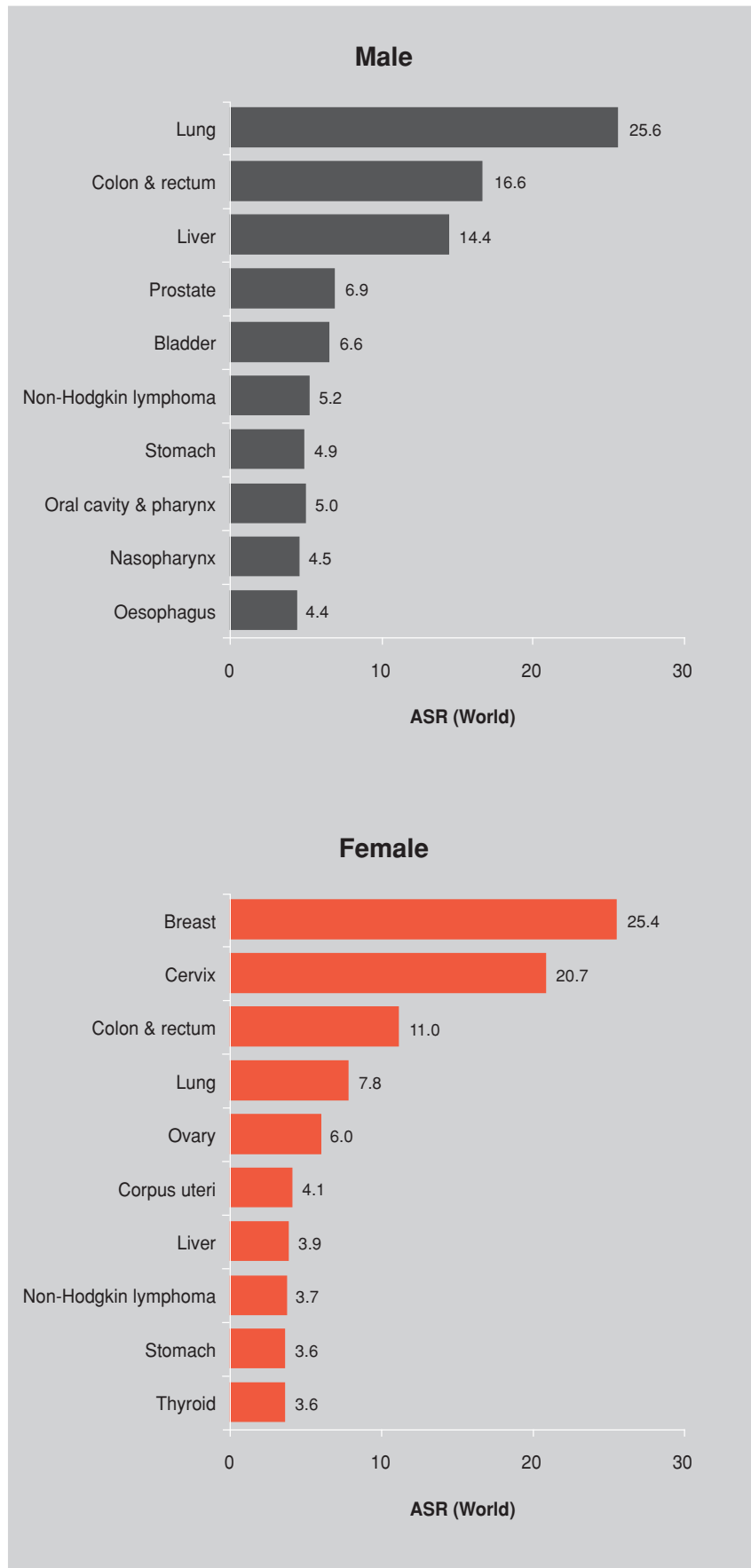


Table 1 Percentage of histologically verified and death certificate only cases, Bangkok 1995-1997

	Male			Female		
	Cases	%HV	%DCO	Cases	%HV	%DCO
Oral cavity	325	91.9	1.2	212	88.9	2.3
Nasopharynx	357	83.1	1.7	150	88.2	2.0
Other pharynx	105	89.6	3.3	14	86.7	6.7
Oesophagus	271	76.3	7.0	73	78.1	5.5
Stomach	304	81.8	7.9	304	79.6	7.0
Colon	659	80.4	5.8	574	79.8	4.9
Rectum	390	83.1	7.1	303	81.9	9.2
Liver	1 006	46.7	28.2	313	47.8	27.7
Gallbladder etc.	84	72.6	13.1	105	69.8	14.2
Pancreas	114	38.6	21.1	94	43.2	18.9
Larynx	248	87.6	6.8	20	95.0	5.0
Bronchus, lung	1 572	58.7	17.0	614	61.8	13.3
Bone	54	87.3	7.3	39	74.4	12.8
Skin	263	97.8	1.5	284	96.5	2.1
Female breast	0	0.0	0.0	2 296	86.7	2.6
Cervix uteri	0	0.0	0.0	1 880	87.0	1.9
Corpus uteri	0	0.0	0.0	337	92.3	2.7
Ovary, etc.	0	0.0	0.0	548	81.0	2.2
Prostate	383	58.2	3.6	0	0.0	0.0
Testis	33	84.2	2.6	0	0.0	0.0
Penis, other male genital	35	87.7	1.8	0	0.0	0.0
Bladder	402	88.6	2.0	140	100.0	0.0
Kidney, etc.	123	84.8	5.6	82	83.6	3.6
Brain, nervous system	186	61.3	24.6	167	89.3	0.3
Thyroid	96	84.4	1.0	381	78.7	12.1
Lymphoma	399	91.4	6.7	325	93.9	5.7
Leukaemia and multiple myeloma	305	91.1	8.4	225	87.7	11.4
All sites	9 447	65.8	20.3	10 807	78.6	10.3

Table 2 Bangkok (1995-1997), Annual Incidence per 100 000 by Age Group (years) - Male

Site	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	Crude Rate	ASR (W)	ICD (10th)	
Lip	4	0	-	-	-	-	-	-	-	0.1	-	-	-	-	-	0.7	-	-	0.0	0.1	C00	
Tongue	157	1	-	-	0.1	0.3	0.2	0.3	0.4	0.4	0.9	3.6	6.1	10.1	12.2	14.7	6.3	12.0	1.8	2.4	C01-C02	
Salivary gland	28	0	-	-	-	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.8	0.8	0.4	1.3	1.8	4.6	0.3	0.4	C07-C08	
Mouth	136	0	-	-	0.1	-	0.1	0.6	0.3	0.6	0.6	2.2	3.3	9.4	7.0	12.0	14.5	21.2	1.6	2.1	C03-C06	
Oropharynx	73	0	-	-	-	0.1	0.1	0.2	0.3	0.8	1.6	1.6	0.5	3.9	5.2	9.4	7.2	7.4	0.8	1.2	C09-C10	
Nasopharynx	357	1	-	-	0.8	0.2	1.1	2.8	5.6	8.4	8.1	8.1	13.5	15.6	9.6	18.7	17.2	11.0	4.1	4.5	C11	
Hypopharynx	87	0	-	-	-	-	0.1	-	-	0.4	0.5	0.8	2.8	5.1	7.4	9.4	9.1	10.1	1.0	1.4	C12-C13	
Pharynx unspecified	18	0	-	-	-	0.1	-	-	-	0.1	0.3	0.2	0.3	0.4	0.4	4.7	0.9	1.8	0.2	0.3	C14	
Oesophagus	271	1	-	-	-	-	-	-	0.3	2.2	2.5	5.0	6.1	16.0	17.5	28.8	26.3	47.8	3.1	4.4	C15	
Stomach	304	0	-	-	-	0.3	0.3	0.3	0.9	1.2	2.5	3.0	6.9	9.7	14.4	33.4	40.7	64.4	3.5	4.9	C16	
Small intestine	20	0	-	-	-	-	-	-	0.1	0.1	0.2	0.8	0.3	0.4	0.9	1.3	2.7	3.7	0.2	0.3	C17	
Colon	659	2	-	-	0.2	0.1	0.6	0.9	2.1	3.2	4.4	8.9	16.8	26.5	41.9	57.5	64.3	126.0	7.5	10.4	C18	
Rectum	390	0	-	-	0.2	0.1	0.1	0.2	1.1	1.2	3.3	5.0	8.6	23.0	25.8	36.8	50.7	52.4	4.4	6.2	C19-C21	
Liver	1 006	2	0.4	-	0.2	0.1	0.2	1.2	4.0	7.4	18.0	24.0	30.8	52.2	62.9	61.5	61.6	89.2	11.5	14.4	C22	
Gallbladder etc.	83	1	-	-	-	-	-	-	0.7	1.4	2.2	2.2	1.8	3.9	2.2	4.0	9.1	17.5	0.9	1.2	C23-C24	
Pancreas	114	0	-	-	-	-	-	0.1	0.1	0.9	2.2	5.1	5.8	7.0	11.4	5.4	19.3	1.3	1.8	C25		
Nose, sinuses etc.	49	0	-	0.2	-	-	0.2	0.2	0.4	0.5	0.4	0.5	1.5	2.3	0.9	6.0	2.7	7.4	0.6	0.7	C30-C31	
Larynx	248	2	-	-	-	-	-	0.1	0.6	1.1	1.2	3.0	5.8	13.6	21.4	21.4	29.9	34.0	2.8	4.0	C32	
Bronchus, lung	1 572	8	-	-	0.2	0.1	0.4	1.3	3.6	4.3	10.0	17.0	29.7	78.7	127.0	165.0	184.0	247.0	17.9	25.6	C33-C34	
Other thoracic organs	23	0	0.2	-	0.2	0.4	0.5	0.1	0.2	0.4	0.2	0.2	0.3	-	0.4	0.7	1.8	-	0.3	0.3	C37-C38	
Bone	54	0	0.2	0.3	1.2	1.2	0.6	0.5	0.7	0.1	0.6	0.2	0.3	-	1.3	1.3	2.7	0.9	0.6	0.6	C40-C41	
Connective tissue	89	0	2.3	1.0	0.2	0.4	0.2	0.3	0.1	0.8	0.6	1.0	1.5	5.5	2.2	6.7	1.8	8.3	1.0	1.4	C47, C49	
Mesothelioma	3	0	-	-	-	0.1	-	-	-	-	0.2	-	-	-	0.4	-	-	-	0.0	0.0	C45	
Kaposi's sarcoma	4	0	-	-	0.1	-	-	0.1	-	-	0.2	-	-	0.4	-	-	-	-	0.0	0.0	C46	
Melanoma of skin	24	0	-	-	-	-	-	-	-	0.3	0.2	0.8	0.5	-	3.1	2.7	0.9	2.8	0.3	0.4	C43	
Other skin	239	2	-	-	0.1	0.2	0.3	0.8	0.8	0.9	2.2	2.6	4.8	7.0	13.5	20.1	20.8	63.5	2.7	3.8	C44	
Breast	28	0	-	-	-	-	-	0.2	-	0.7	0.8	0.4	0.8	0.4	1.7	0.7	0.9	3.7	0.3	0.4	C50	
Prostate	383	0	-	-	-	-	-	-	-	0.1	0.5	1.2	2.3	7.4	20.1	40.8	63.4	155.0	4.4	6.9	C61	
Testis	33	1	0.2	0.3	0.2	0.5	0.3	0.3	0.4	0.9	-	0.2	0.5	0.4	0.4	-	1.8	-	0.4	0.3	C62	
Penis	55	1	-	-	-	0.1	0.2	0.1	0.2	0.1	0.5	0.2	1.6	1.0	3.1	3.9	1.8	8.3	0.6	0.8	C60	
Other male genital	6	0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-	-	0.1	0.1	C63	
Bladder	402	3	-	-	0.2	0.1	0.2	0.1	0.2	0.9	1.3	2.3	3.8	5.3	16.4	25.3	42.1	54.3	90.1	4.6	6.6	C67
Kidney etc.	123	1	0.8	0.2	-	-	0.1	-	0.3	0.7	1.6	2.0	0.8	6.2	11.4	11.4	10.9	12.9	1.4	1.9	C64-C66; C68	
Eye	17	0	1.5	-	-	-	-	-	-	0.1	0.2	-	-	-	0.9	0.7	-	1.8	0.2	0.3	C69	
Brain, nervous system	186	1	2.3	2.0	1.4	1.2	0.5	0.9	1.8	2.4	4.1	3.0	1.8	5.1	5.7	8.7	1.8	4.6	2.1	2.4	C70-C72	
Thyroid	96	0	-	0.2	0.2	0.1	0.4	1.1	0.1	0.9	1.1	2.6	2.8	3.5	3.5	4.0	7.2	8.3	1.1	1.3	C73	
Other endocrine	13	0	-	-	0.5	0.1	-	-	-	0.1	0.5	-	-	-	0.9	0.7	-	-	0.1	0.2	C74-C75	
Hodgkin's disease	25	0	0.2	0.3	0.2	0.1	0.2	0.3	0.6	-	0.3	0.4	0.5	0.4	-	-	2.7	-	0.3	0.3	C81	
Non-Hodgkin lymphoma	374	3	0.9	0.8	1.4	1.1	2.3	2.1	2.8	4.5	4.5	5.0	6.6	13.6	15.3	21.4	17.2	34.9	4.3	4.9	C82-C85; C96	
Multiple myeloma	36	0	-	-	-	0.1	0.1	-	0.1	-	0.5	0.6	0.3	1.9	2.6	4.7	3.6	3.7	0.4	0.6	C88; C90	
Lymphoid leukaemia	105	1	5.1	3.7	1.1	0.6	0.6	0.5	0.6	0.1	0.6	-	0.3	1.9	2.2	1.3	4.5	3.7	1.2	1.7	C91	
Myeloid leukaemia	88	0	0.9	0.3	0.6	0.8	0.2	0.8	1.1	0.7	0.9	0.8	2.0	0.8	3.5	4.0	4.5	5.5	1.0	1.2	C92	
Monocytic leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	C93	
Other leukaemia	6	0	0.4	-	-	-	-	-	-	-	0.2	-	-	-	0.4	0.7	-	-	0.1	0.1	C94	
Leukaemia unspecified	70	0	0.6	0.2	0.5	-	0.6	0.4	0.9	1.1	0.9	1.0	0.8	1.9	2.2	2.7	4.5	3.7	0.8	0.9	C95	
Other and unspecified	1 389	8	0.9	0.7	-	1.3	1.2	4.4	9.9	11.0	16.0	22.6	27.7	67.1	81.6	103.0	94.2	171.0	15.8	20.1	O&U	
All sites	9 447	39	17	10	8	10	11	19	38	56	96	138	202	421	567	780	838	1 360	108.0	143.6	ALL	

Table 3 Bangkok (1995-1997), Annual Incidence per 100 000 by Age Group (years) - Female

Site	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	Crude Rate	ASR (W)	ICD (10th)	
Lip	35	0	-	-	-	-	-	-	-	0.1	0.1	-	0.2	1.0	-	3.8	2.1	11.4	0.4	0.5	C00	
Tongue	58	0	-	-	-	-	-	0.4	0.6	0.6	0.6	0.4	0.5	1.3	3.4	3.8	5.0	6.6	0.6	0.7	C01-C02	
Salivary gland	28	0	-	-	-	-	-	0.1	0.5	0.6	0.4	0.6	0.5	1.6	0.4	1.1	-	0.6	0.3	0.3	C07-C08	
Mouth	91	0	-	-	-	-	-	0.2	0.1	0.2	0.4	0.7	1.2	1.6	3.4	8.2	6.4	21.6	1.0	1.2	C03-C06	
Oropharynx	21	0	-	-	-	-	-	0.1	0.1	0.1	0.4	0.2	0.5	1.0	1.5	-	1.4	2.4	0.2	0.2	C09-C10	
Nasopharynx	150	0	-	-	-	0.1	0.3	0.6	1.3	2.1	4.0	2.6	4.5	5.2	6.8	3.3	0.7	3.0	1.6	1.6	C11	
Hypopharynx	9	0	-	-	-	-	-	-	0.1	-	-	-	0.2	0.3	-	-	0.7	1.2	0.1	0.1	C12-C13	
Pharynx unspecified	5	0	-	-	-	-	-	-	-	-	0.3	-	-	-	0.4	-	0.7	0.6	0.1	0.1	C14	
Oesophagus	73	0	-	-	-	-	-	-	0.1	0.1	0.1	0.4	0.5	1.0	5.7	7.7	6.4	15.6	0.8	1.0	C15	
Stomach	304	1	-	-	-	-	0.2	0.7	1.1	2.5	2.6	4.8	5.5	11.4	11.0	15.3	20.8	43.7	3.2	3.6	C16	
Small intestine	15	0	-	-	-	-	-	-	-	0.4	0.2	0.2	0.7	0.3	1.1	-	-	2.4	0.2	0.2	C17	
Colon	574	4	-	-	-	-	0.2	0.7	1.3	3.1	4.7	4.5	10.5	19.2	30.3	37.2	51.6	84.5	6.0	7.2	C18	
Rectum	303	2	-	-	-	-	0.2	0.3	1.0	0.7	2.6	5.2	6.2	9.8	14.4	24.1	27.2	34.7	3.2	3.8	C19-C21	
Liver	313	2	0.4	-	0.2	0.2	0.2	0.3	0.9	1.8	3.6	5.4	9.3	10.4	15.5	17.5	25.8	25.2	3.3	3.9	C22	
Gallbladder etc.	105	0	-	-	-	-	-	0.1	0.2	1.0	1.3	1.4	1.4	2.9	4.9	9.8	9.3	17.4	1.1	1.4	C23-C24	
Pancreas	94	0	-	-	-	-	-	0.3	0.2	0.5	1.0	0.9	1.4	3.9	2.6	5.5	10.0	13.8	1.0	1.2	C25	
Nose, sinuses etc.	39	0	-	-	-	-	-	0.2	0.1	0.3	0.1	0.4	0.6	1.0	0.4	1.6	3.6	4.8	0.4	0.4	C30-C31	
Larynx	20	0	-	-	-	-	-	0.1	0.1	0.2	-	-	0.2	1.0	0.4	1.6	0.7	4.2	0.2	0.2	C32	
Bronchus, lung	614	4	-	-	-	-	-	0.2	0.3	1.7	2.6	5.9	8.2	13.6	21.5	31.0	45.9	53.0	6.4	7.8	C33-C34	
Other thoracic organs	11	0	-	-	-	-	-	-	0.1	0.2	-	-	0.6	0.2	0.3	0.4	-	0.6	0.1	0.1	C37-C38	
Bone	39	1	-	-	-	-	0.2	0.6	0.3	0.3	0.6	0.4	0.4	0.2	0.3	0.8	1.6	-	1.2	0.4	C40-C41	
Connective tissue	97	1	1.8	0.4	-	0.5	0.4	0.9	0.9	0.9	0.7	0.4	2.1	3.3	3.4	2.2	4.3	1.8	1.0	1.1	C47; C49	
Mesothelioma	1	0	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	0.0	0.0	C45	
Kaposi's sarcoma	3	0	0.2	-	-	-	-	-	-	-	0.1	0.2	-	-	-	-	-	-	0.0	0.0	C46	
Melanoma of skin	22	0	-	-	-	-	0.1	-	0.1	0.4	0.3	0.6	0.2	1.0	-	1.6	-	3.0	0.2	0.2	C43	
Other skin	262	8	-	-	-	-	0.2	0.3	0.3	0.9	1.9	3.0	2.6	6.5	8.7	13.7	23.6	50.9	2.7	3.1	C44	
Breast	2296	6	-	-	-	0.1	0.7	4.4	15.0	28.0	51.0	72.9	68.5	75.0	88.2	83.6	66.6	57.7	24.0	25.4	C50	
Uterus unspecified	26	0	-	-	-	-	-	0.1	0.1	0.4	0.6	0.2	0.5	1.3	1.5	1.1	0.7	1.8	0.3	0.3	C55	
Cervix uteri	1880	15	-	-	-	-	1.3	4.0	11.0	25.0	38.0	53.7	51.9	65.5	84.4	53.0	64.5	59.3	19.7	20.7	C53	
Placenta	23	0	-	-	-	-	0.3	0.4	0.4	0.6	0.1	0.2	-	-	-	-	-	-	0.2	0.2	C58	
Corpus uteri	337	1	-	-	-	-	-	0.3	0.9	2.6	4.6	7.3	13.1	18.9	17.8	20.8	13.6	7.8	3.5	4.1	C54	
Ovary etc.	548	2	0.2	0.9	0.3	1.3	1.4	1.4	4.1	6.6	11.0	15.2	14.5	17.3	18.2	16.4	13.6	13.8	5.8	5.9	C56	
Other female genital	77	0	-	-	-	-	0.1	0.1	-	0.8	0.6	1.5	1.7	2.9	2.3	4.4	7.2	9.6	0.8	0.9	C51-C52; C57	
Bladder	140	1	-	-	-	-	0.1	-	-	0.5	0.6	0.7	2.4	3.3	6.1	12.6	12.9	28.8	1.5	1.8	C67	
Kidney etc.	82	0	1.4	-	-	-	-	0.1	0.2	0.5	0.4	0.6	0.5	3.6	3.8	6.0	7.2	10.2	0.9	1.1	C64-C66; C68	
Eye	17	0	-	-	-	-	-	0.1	0.1	-	0.1	0.2	-	0.3	-	0.5	-	-	0.2	0.3	C69	
Brain, nervous system	167	1	2.0	0.5	1.7	0.8	0.7	1.4	1.3	1.9	3.3	2.4	2.4	5.2	3.4	6.6	5.7	4.8	1.8	2.0	C70-C72	
Thyroid	381	4	-	-	-	0.3	1.5	1.9	3.8	4.7	7.1	6.1	5.2	6.9	7.2	9.1	5.5	10.0	9.6	4.0	3.6	C73
Other endocrine	17	0	-	-	-	-	-	0.3	0.3	0.1	0.4	0.4	-	0.3	0.4	1.1	-	-	0.2	0.2	C74-C75	
Hodgkin's disease	15	0	-	-	-	-	-	0.1	0.3	0.1	0.3	0.2	-	-	0.8	1.1	1.4	0.6	0.2	0.2	C81	
Non-Hodgkin lymphoma	310	0	1.4	1.3	0.6	0.3	1.2	1.1	1.4	2.9	2.9	4.3	6.2	8.8	12.1	13.7	24.4	21.6	3.3	3.7	C82-C85; C96	
Multiple myeloma	34	0	-	-	-	0.1	-	-	-	-	0.1	0.6	0.2	0.7	2.3	4.9	3.6	3.6	0.4	0.5	C88; C90	
Lymphoid leukaemia	77	0	4.8	2.0	1.5	0.3	0.2	0.1	0.1	0.1	0.3	0.4	0.5	1.0	0.8	1.1	5.7	1.8	0.8	1.3	C91	
Myeloid leukaemia	84	0	0.4	0.4	0.3	0.2	0.6	0.6	0.6	0.9	0.9	0.9	1.2	1.6	2.6	3.8	2.1	6.0	0.9	0.9	C92	
Monocytic leukaemia	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	0.0	0.0	C93	
Other leukaemia	1	0	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	0.0	0.0	C94	
Leukaemia unspecified	62	0	0.4	0.2	0.3	0.6	0.4	0.5	0.3	0.4	0.4	0.4	0.7	2.6	1.1	4.4	1.4	3.0	0.6	0.7	C95	
Other and unspecified	946	4	0.8	0.4	0.3	0.8	0.9	1.4	2.6	5.3	10.7	14.5	21.9	31.0	46.6	60.1	65.9	97.6	9.9	11.7	O&U	
All sites	10807	57	16	6	6	8	13	25	54	102	164	223	257	352	449	507	560	758	114.0	125.9	ALL	

Table 4 Bangkok (1995-1997), Number of Cases by Age Group (years) - Male

Site	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	4	0	0	0	0	0	0	0	0	1	0	0	0	2	0	1	0	0	0.0 %	C00
Tongue	157	1	0	0	0	1	3	2	3	3	6	18	24	26	28	22	7	13	1.7 %	C01-C02
Salivary gland	28	0	0	0	0	0	3	3	3	3	4	1	3	2	1	2	2	5	0.3 %	C07-C08
Mouth	136	0	0	0	1	1	3	3	5	2	4	11	13	24	16	18	16	23	0.3 %	C03-C06
Oropharynx	73	0	0	0	0	0	1	1	2	2	5	8	2	10	12	14	8	8	0.8 %	C09-C10
Nasopharynx	357	1	0	0	7	2	11	25	42	54	41	53	40	40	22	28	19	12	3.8 %	C11
Hypopharynx	87	0	0	0	0	0	1	1	0	3	3	4	11	13	17	14	10	11	0.9 %	C12-C13
Pharynx unspecified	18	0	0	0	0	0	1	0	0	1	2	1	1	1	1	7	1	2	0.2 %	C14
Oesophagus	271	1	0	0	0	0	1	0	2	14	25	24	24	41	40	43	29	52	2.9 %	C15
Stomach	304	0	0	0	0	0	3	3	8	9	16	15	27	25	33	50	45	70	3.2 %	C16
Small intestine	20	0	0	0	0	0	0	0	1	1	1	4	0	0	0	0	3	4	0.2 %	C17
Colon	659	2	0	0	1	1	6	9	19	24	2	45	66	68	96	86	71	137	7.0 %	C18
Rectum	390	0	0	0	1	1	2	10	9	21	25	25	34	59	59	55	56	57	4.1 %	C19-C21
Liver	1006	2	2	0	1	1	2	12	36	56	117	121	121	134	144	92	68	97	10.6 %	C22
Gallbladder etc.	83	1	0	0	0	0	0	0	0	5	9	11	7	10	5	6	10	19	0.9 %	C23-C24
Pancreas	114	0	0	0	0	0	0	1	0	1	6	11	20	15	16	17	6	21	1.2 %	C25
Nose, sinuses etc.	49	0	0	0	0	0	2	2	2	3	3	2	6	6	2	9	3	8	0.5 %	C30-C31
Nose	248	2	0	0	0	0	0	1	5	8	8	15	23	35	49	32	33	37	2.6 %	C32
Larynx	1572	8	0	0	1	1	4	13	33	32	66	86	117	202	290	247	203	269	16.6 %	C33-C34
Bronchus, lung	23	0	1	0	1	3	5	1	2	3	1	1	1	0	1	1	2	0	0.2 %	C37-C38
Other thoracic organs	54	0	1	2	8	10	6	5	6	1	4	1	1	0	3	2	3	1	0.6 %	C40-C41
Bone	89	0	12	6	1	3	2	3	1	6	4	5	6	14	5	10	2	9	0.9 %	C47, C49
Connective tissue	3	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0.0 %	C45
Mesothelioma	4	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0.0 %	C46
Kaposi's sarcoma	24	0	0	0	0	0	0	0	0	0	1	4	2	0	7	4	1	3	0.3 %	C43
Melanoma of skin	239	2	0	0	1	2	3	7	7	7	14	13	19	18	31	30	23	69	2.5 %	C44
Other skin	28	0	0	0	0	0	0	2	0	5	5	2	3	1	4	1	1	4	0.3 %	C50
Breast	383	0	0	0	0	0	0	0	0	1	3	6	9	19	46	61	70	168	4.1 %	C61
Prostate	33	1	1	2	1	4	0	3	4	7	0	1	2	1	1	0	2	0	0.3 %	C62
Testis	55	1	0	0	0	0	1	2	1	4	1	8	4	8	9	5	2	9	0.6 %	C60
Penis	6	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	1	0.1 %	C63
Other male genital	402	3	0	0	0	2	1	2	8	10	15	19	21	42	58	63	60	98	4.3 %	C67
Bladder	123	1	4	1	0	0	1	0	3	5	10	10	3	16	26	17	12	14	1.3 %	C64-C66; C68
Kidney etc.	17	0	8	0	0	0	0	1	0	1	1	0	0	0	2	1	0	2	0.2 %	C69
Eye	186	1	12	12	9	10	5	9	16	18	26	15	7	13	13	13	2	5	2.0 %	C70-C72
Brain, nervous system	96	0	0	2	2	4	11	1	1	7	7	13	11	9	8	6	8	9	1.0 %	C73
Thyroid	13	0	0	0	0	0	0	0	1	1	3	0	1	0	2	1	0	0	0.1 %	C74-C75
Other endocrine	25	0	1	2	1	1	2	3	5	0	2	2	2	1	0	0	3	0	0.3 %	C81
Hodgkin's disease	374	3	5	5	9	9	24	21	25	34	29	25	26	35	35	32	19	38	4.0 %	C82-C85; C96
Non-Hodgkin lymphoma	36	0	0	0	0	1	1	0	1	0	3	3	0	5	6	7	4	4	0.4 %	C88; C90
Multiple myeloma	105	1	27	22	7	5	6	5	5	1	4	0	1	5	5	2	5	4	1.1 %	C91
Lymphoid leukaemia	88	0	5	2	4	7	2	8	10	5	6	4	8	2	8	6	5	6	0.9 %	C92
Myeloid leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0 %	C93
Monocytic leukaemia	6	0	2	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0.1 %	C94
Other leukaemia	70	0	3	1	3	0	6	4	8	8	6	5	3	5	5	4	5	4	0.7 %	C95
Leukaemia unspecified	1389	8	5	4	0	11	13	45	90	85	102	114	109	172	187	154	104	186	14.7 %	O&U
Other and unspecified	9447	39	89	61	51	83	114	191	347	418	615	695	796	1079	1299	1166	925	1479	100.0 %	ALL

Table 5 Bangkok (1995-1997), Number of Cases by Age Group (years) - Female

Site	All Ages	Age Unk.	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75+	%	ICD (10th)
Lip	35	0	0	0	0	0	0	0	0	1	1	0	0	1	3	7	3	19	0.3 %	C00
Tongue	58	0	0	0	1	0	0	0	0	4	4	2	4	4	9	7	7	11	0.5 %	C01-C02
Salivary gland	28	0	0	0	0	0	0	1	5	5	3	3	2	5	9	2	0	1	0.3 %	C07-C08
Mouth	91	0	0	0	0	0	0	2	1	2	3	4	5	5	15	9	9	36	0.8 %	C03-C06
Oropharynx	21	0	0	0	0	0	0	0	1	1	3	1	2	3	4	0	2	4	0.2 %	C09-C10
Nasopharynx	150	0	0	0	1	4	7	13	18	18	28	14	19	16	18	6	1	5	1.4 %	C11
Hypopharynx	9	0	0	0	0	0	0	0	0	1	0	0	1	1	3	0	1	2	0.1 %	C12-C13
Pharynx unspecified	5	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	1	1	0.0 %	C14
Oesophagus	73	0	0	0	0	0	0	0	0	1	1	2	2	3	15	14	0	26	0.7 %	C15
Stomach	304	1	0	0	0	2	8	11	11	21	18	26	23	35	29	28	29	73	2.8 %	C16
Small intestine	15	0	0	0	0	0	0	0	0	0	3	1	3	1	3	0	0	4	0.1 %	C17
Colon	574	4	0	0	0	2	8	13	26	33	33	24	44	59	80	68	72	141	5.3 %	C18
Rectum	303	2	0	0	0	2	3	10	6	18	18	28	26	30	38	44	38	58	2.8 %	C19-C21
Liver	313	2	0	1	2	2	4	9	15	25	29	39	32	41	32	36	42	29	2.9 %	C22
Gallbladder etc.	105	0	0	0	0	0	0	1	0	2	7	7	6	9	13	18	13	29	1.0 %	C23-C24
Pancreas	94	0	0	0	1	0	0	2	4	4	7	5	6	12	7	10	14	23	0.9 %	C25
Nose, sinuses etc.	39	0	0	0	0	2	2	1	3	1	3	3	4	3	1	3	5	8	0.4 %	C30-C31
Larynx	20	0	0	0	0	0	0	4	17	22	41	44	57	66	82	84	74	117	0.2 %	C32
Bronchus, lung	614	4	0	0	0	2	4	17	22	41	44	44	57	66	82	84	74	117	5.7 %	C33-C34
Other thoracic organs	11	0	0	0	0	1	0	0	0	2	1	3	1	1	1	0	0	1	0.1 %	C37-C38
Bone	39	1	0	2	1	2	7	4	3	5	3	2	1	1	2	3	0	2	0.4 %	C40-C41
Connective tissue	97	1	0	0	0	5	10	9	0	8	5	2	9	10	9	4	6	3	0.9 %	C47; C49
Mesothelioma	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.0 %	C45
Kaposi's sarcoma	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0.0 %	C46
Melanoma of skin	22	0	0	0	0	0	1	0	1	3	2	3	1	3	0	3	0	5	0.2 %	C43
Other skin	262	8	0	0	2	4	4	10	8	13	16	16	11	20	23	25	33	85	2.4 %	C44
Breast	2 296	6	0	0	0	8	50	151	239	356	392	392	288	230	233	153	93	96	21.2 %	C50
Uterus unspecified	26	0	0	0	0	0	1	1	1	3	4	1	2	4	4	2	1	3	0.2 %	C55
Cervix uteri	1 880	15	0	0	0	15	46	107	213	267	289	289	218	201	223	97	90	99	17.4 %	C53
Placenta	23	0	0	0	0	0	4	5	4	5	1	1	0	0	0	0	0	0	0.2 %	C58
Corpus uteri	337	1	0	0	0	0	4	9	22	32	32	39	55	58	47	38	19	13	3.1 %	C54
Ovary etc.	548	2	1	5	2	12	17	16	42	56	79	82	61	53	48	30	19	23	5.1 %	C56
Other female genital	77	0	0	0	0	1	1	1	1	0	4	4	8	7	9	6	8	10	0.7 %	C51-C52; C57
Bladder	140	1	0	0	0	1	0	0	0	4	4	4	4	10	16	23	18	48	1.3 %	C67
Kidney etc.	82	0	7	0	0	1	1	2	4	4	3	3	2	11	10	11	10	17	0.8 %	C64-C66; C68
Eye	17	0	10	1	0	0	0	1	1	0	1	1	0	1	0	1	0	0	0.2 %	C69
Brain, nervous system	167	1	10	3	11	7	8	8	14	11	13	18	10	16	9	12	8	8	1.5 %	C70-C72
Thyroid	381	4	0	0	2	14	23	44	48	60	43	28	29	22	24	10	14	16	3.5 %	C73
Other endocrine	17	0	0	0	0	0	3	3	1	2	3	2	0	1	1	2	0	0	0.2 %	C74-C75
Hodgkin's disease	15	0	0	0	0	0	0	1	3	1	2	1	0	0	2	2	2	1	0.1 %	C81
Non-Hodgkin lymphoma	310	0	7	7	4	3	14	13	14	25	20	23	26	27	32	25	34	36	2.9 %	C82-C85; C96
Multiple myeloma	34	0	0	0	0	1	0	0	0	0	1	3	1	2	6	9	5	6	0.3 %	C88; C90
Lymphoid leukaemia	77	0	24	11	10	3	2	1	1	1	2	2	2	3	2	2	2	5	0.7 %	C91
Myeloid leukaemia	84	0	2	2	2	7	7	6	8	8	6	5	5	5	7	7	3	10	0.8 %	C92
Monocytic leukaemia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0 %	C93
Other leukaemia	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.0 %	C94
Leukaemia unspecified	62	0	2	1	2	6	5	6	3	3	3	2	3	8	3	6	2	5	0.6 %	C95
Other and unspecified	946	4	4	2	2	7	11	16	27	45	75	78	92	95	123	110	92	163	8.8 %	O&U
All sites	10 807	57	79	36	40	76	149	285	549	867	1 145	1 202	1 080	1 081	1 186	927	782	1 266	100.0 %	ALL