

REPORT FOR 2000 - 2003

VOLUME 23



CHIANGMAI CANCER REGISTRY

MAHARAJ NAKORN CHIANG MAI HOSPITAL

FACULTY OF MEDICINE, CHIANG MAI UNIVERSITY

CHIANG MAI, THAILAND

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CHIANGMAI CANCER REGISTRY

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FACULTY OF MEDICINE, CHIANG MAI UNIVERSITY

CHIANG MAI, THAILAND

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Note to the reader

Data from this report may be used in publications, provided that the source is mentioned. For information and notes on the statistical material in this report contact the Chiang Mai Cancer Registry, Faculty of Medicine, Chiang Mai University, Chiang Mai 50200, Thailand.

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Introduction

Cancer is a major public health problem in Thailand. In Chiang Mai province, cancer became the most common cause of death in the year 2002 after AIDS and diseases of the respiratory system. Chiang Mai Cancer Registry reports the incidence of new cancer and mortality of cancer cases in Chiang Mai province and the new cases at Maharaj Nakorn Chiang Mai Hospital, Faculty of Medicine, Chiang Mai University.

This report is the 23rd of a series and contains two parts. The first part is population-based registration which provides data of cancer frequency, incidence of new cancer, and mortality in Chiang Mai province in the years 2000 to 2003. The second part is hospital-based registration, which provides the data at Maharaj Nakorn Chiang Mai Hospital in the same period.

MATERIALS AND METHODS

Data Sources

Information on newly diagnosed cancer cases was based on data collected by the Chiang Mai Cancer Registry. The data were actively collected by the Registry's staff from all hospitals in Chiang Mai province: one university hospital (Maharaj Nakorn Chiang Mai Hospital), 9 government hospitals, 1 municipal hospital, 15 private hospitals, and 22 community hospitals, with a total number of 6,346 beds. Sources in hospitals include the medical records sections, pathology laboratory records, and sections of hematology, radiation oncology, and hospital tumor registrations. The data were also collected from medical clinics and pathology clinics in Chiang Mai province. Identification of all patients were compared and matched to exclude multiple registrations. Mortality data were obtained from hospital records and death certificates from the Department of Local Administration, Ministry of Interior. Population data were obtained from the Statistical Data Bank and Information Dissemination Division, National Statistical Office.

Coding, Data entry, and Processing of Data

The completed data forms were checked manually, and entered into the database file in a personal computer at the Chiang Mai Cancer Registry, using CanReg3 software for data entry and edit. The details for each patient were crosschecked with the information collected from different hospitals to ensure completeness of records. Full information on every cancer patient registered at each and every hospital was thus obtained, whether or not the patient was subsequently treated at a particular hospital. Additional information was obtained every time a cancer patient was re-admitted or re-examined. The same patient may be reported from more than one hospital. Care was taken to see that multiple entries were not made for such cases, and the medical information for each patient was combined together.

Mortality data from death certificates which mention cancer as the cause of death were matched against the registered cases in our files. Every cancer death not traceable to an existing entry in our files was labeled as a "dead certificate only (DCO)" and the date of death was taken as the date of diagnosis, and was also registered in the data files. In addition, copies of all death certificates mentioning the term "cancer" as a cause of death were individually scrutinized in detail to

confirm the statement on the certificate. Patients for whom cancer had been ruled out or had not yet been diagnosed were however not entered in the register.

ICD-O-3 (2000)(1) was used to code registered cancer cases in this volume. The morphology code numbers consist of six digits; the first four identify the histological type of neoplasm, the fifth indicates its behavior, and the sixth indicates grading and differentiation of the neoplasm.

Multiple primary registration followed IARC/IACR criteria. A second or third primary site in a patient was registered only when all primary sites were confirmed by histology. A new registration number was given for each new site as indicated by the three-digit ICD code; thus there was no new registration for a second primary cancer occurring at the same site (first three digits) but a different sub-site.

Follow-up used a combination of both active and passive methods. Follow-up information collected routinely was the date last seen, status of the patients (living or dead) and cause of death. This follow-up information was collected by registry staff from both out-patient and in-patient records of Maharaj Nakorn Chiang Mai Hospital and all special clinics in hospitals in Chiang Mai. Those who were lost to follow up were traced by mail, home visits by public health service officers, and by casual sources.

Type of Diagnosis and Stage of diseases

Type of diagnosis has been divided into two broad categories, non-microscopic and microscopic, each consisting of four further categories. These are given below in approximate order of increasing validity.

Non-microscopic

1. Clinical only
2. Clinical investigation (including X-ray, ultrasound, CT scan)
3. Surgery/autopsy without histology
4. Specific immunological and/or biochemical tests

Microscopic confirmation

5. Cytology or hematology
6. Histology of metastasis
7. Histology of primary
8. Autopsy with concurrent or previous histology

Unknown method of diagnosis

9. Unknown
- and 10. Death certificate only

Staging guide in Cancer registration; Principles and Methods (2) were used for the following items: In situ, localized, direct extension/regional nodes, distant metastasis, not applicable, and unknown (or not stage). The stage “in situ” was decided only by histological diagnosis. Lymphoma, leukemia, and brain tumor cases were staged as “not applicable”.

Calculation of rates and risks

Before analysis, both the incidence data and mortality data were checked by the IARCcrgTools program (Ferlay J, 2005)(3). Rates were calculated by the computer program CanReg3 (Cooke A, Parkin DM, Ferlay J, 1998) (4). All rates were expressed per 100,000 population and age-adjusted by the direct method to

the world standard population (5). These calculations were used only in the part of population-based registration.

Crude rates

The crude rate was defined as the number of new cases divided by the population at risk in the specific time period, and expressed as an annual rate per 100,000 population.

Age-specific rates

An age-specific incidence rate (AR) was calculated as the frequency in a given age and sex subgroup divided by the population for that same subgroup, and expressed per 100,000 population.

$$AR = Ni/Pi \times 100,000$$

where Ni = number of new cancers occurring in the i^{th} age group

Pi = population of the i^{th} age group in the province of Chiang Mai

Age-standardized rates

Age-standardized rates (ASR) were standardized to the world population (ASR WORLD) by a direct method (Doll & Smith, 1982)(5). The incidence (or mortality) rate observed in a given age-group (AR_i) was multiplied by the number of persons in that age-group in the standard population ($Pi_{.std}$); this value was then divided by the total standard population and the values obtained were the sum of all age-group.

$$ASR(WORLD) = \text{sum}(AR_i \times Pi_{.std}) / \text{total standard population}$$

AR_i = age specific rate in the i^{th} age-group

$Pi_{.std}$ = the number in the i^{th} age-group in the standard population.

$$\text{or } ASR(WORLD) = \text{sum}(Ni \times Pi_{.std} \times 100,000 / Pi) / \text{total } Pi_{.std}$$

Ni = number of new cancers occurring in the i^{th} age group

Pi = population of the i^{th} age group in Chiang Mai.

The details of calculation are described in Boyle and Parkin, Statistical methods for registries, in Jensen and Parkin, Cancer Registration, Principles and Methods. IARC Scientific Publications No. 95, Lyon 1991 (2). These calculations were used only in population-based registration.

Cumulative rate and Cumulative risk

The cumulative rate is the summation of the age-specific rates over each year of age from birth to a defined upper age limit (65 or 75 years). As age-specific incidence rates are usually computed for five-year age intervals, the cumulative rate is five times the sum of the age-specific rates calculated over the five-year age groups, assuming the age-specific rates are the same for all ages within the five-year age stratum. This rate was then expressed as a percentage.

The cumulative risk is an estimate of an individual's risk of developing cancer of a particular type, up to the age of 64 or 74 years;

$$\text{Cumulative risk} = 1 - e^{-(\text{cumulative rate})/100}$$

where Cumulative rate = $\sum_{i=1}^n (Fi \times Ti / Pi)$

n = number of age group which CUM RISK includes

Fi = number of new cancer occurring in the i^{th} age group

Ti = number of years in i^{th} age group

Pi = population of i^{th} age group in the total population

Table 1: Estimated new cancer cases and deaths by sex, Chiang Mai, Thailand, 2000 - 2003

	Estimated New Cases			Estimated Deaths		
	Both Sexes	Males	Females	Both Sexes	Males	Females
All sites	10182	4722	5460	6667	3581	3086
Oral cavity & pharynx	462	312	150	307	222	85
Lip	17	6	11	10	5	5
Tongue	76	51	25	49	33	16
Salivary gland	27	15	12	15	9	6
Mouth	87	53	34	63	39	24
Oropharynx	54	44	10	41	36	5
Nasopharynx	152	109	43	85	64	21
Hypopharynx	46	32	14	39	32	7
Pharynx unspec.	3	2	1	5	4	1
Digestive system	2338	1390	948	1712	1059	653
Oesophagus	75	51	24	68	48	20
Stomach	358	202	156	262	144	118
Small intestine	25	13	12	17	8	9
Colon	344	165	179	161	84	77
Rectum	289	147	142	168	93	75
Liver	1006	709	297	831	599	232
Gallbladder etc.	140	57	83	110	38	72
Pancreas	101	46	55	95	45	50
Respiratory system	2049	1174	875	1698	993	705
Nose, sinuses etc.	31	19	12	18	14	4
Larynx	83	68	15	65	54	11
Bronchus, lung	1922	1080	842	1608	918	690
Other thoracic organs	13	7	6	7	7	0
Bone	32	17	15	23	14	9
Soft tissue	48	31	17	20	13	7
Connective tissue	44	28	16	19	12	7
Mesothelioma	0	0	0	0	0	0
Kaposi's sarcoma	4	3	1	1	1	0
Skin	276	150	126	94	52	42
Melanoma of skin	29	20	9	19	13	6
Other skin	247	130	117	75	39	36
Breast	801	10	791	253	7	246
Genital system	1605	267	1338	653	131	522
Uterus unspec.	6		6	2		2
Cervix uteri	968		968	374		374
Placenta	11		11	4		4
Corpus uteri	110		110	36		36
Ovary etc.	182		182	69		69
Other female genital organs	61		61	37		37
Prostate	190	190		89	89	
Testis	23	23		14	14	
Penis	53	53		27	27	
Other male genital organs	1	1		1	1	
Urinary system	340	221	119	203	137	66
Bladder	243	162	81	144	100	44
Kidney etc.	97	59	38	59	37	22
Eye	19	15	4	5	5	0
Brain, nervous system	111	51	60	70	40	30
Endocrine system	192	39	153	48	16	32
Thyroid	186	35	151	46	15	31
Other endocrine	6	4	2	2	1	1
Lymphoma	402	238	164	258	171	87
Hodgkin's disease	40	24	16	25	20	5
Non-Hodgkin lymphoma	362	214	148	233	151	82
Multiple myeloma	37	19	18	25	13	12
Leukaemia	250	124	126	162	86	76
Lymphoid leukaemia	65	33	32	31	17	14
Myeloid leukaemia	153	74	79	115	58	57
Monocytic leukaemia	7	4	3	4	3	1
Other leukaemia	1	0	1	0	0	0
Leukaemia unspec.	24	13	11	12	8	4
Other & unspecified	1220	664	556	1136	622	514

Population-based Registration

Overview

From the year 2000 to 2003, there were an estimated 10,182 new invasive cancer cases and 886 in situ cases in Chiang Mai province. There were 4,722 males, and 5,460 females with a male : female ratio of 1 : 1.2 . In the same period, 3,581 males and 3,086 females died from cancer (Table 1).

The data were obtained from the followings: 60.6 percent from Maharaj Nakorn Chiang Mai Hospital, 16.3 percent from Nakornping Hospital (the provincial hospital), 0.4 percent from other government hospitals, 5.6 percent from community hospitals, 7.1 percent from private hospitals, and 9.9 percent were diagnosed from death certificates only.

The incidence in males increased from 135.3 per 10^5 population in the year 2000 to 154.1 per 10^5 population in the year 2003. In females, the incidence also increased from 150.6 per 10^5 population in the year 2000 to 160.2 per 10^5 population in the year 2003 (Fig. 1).

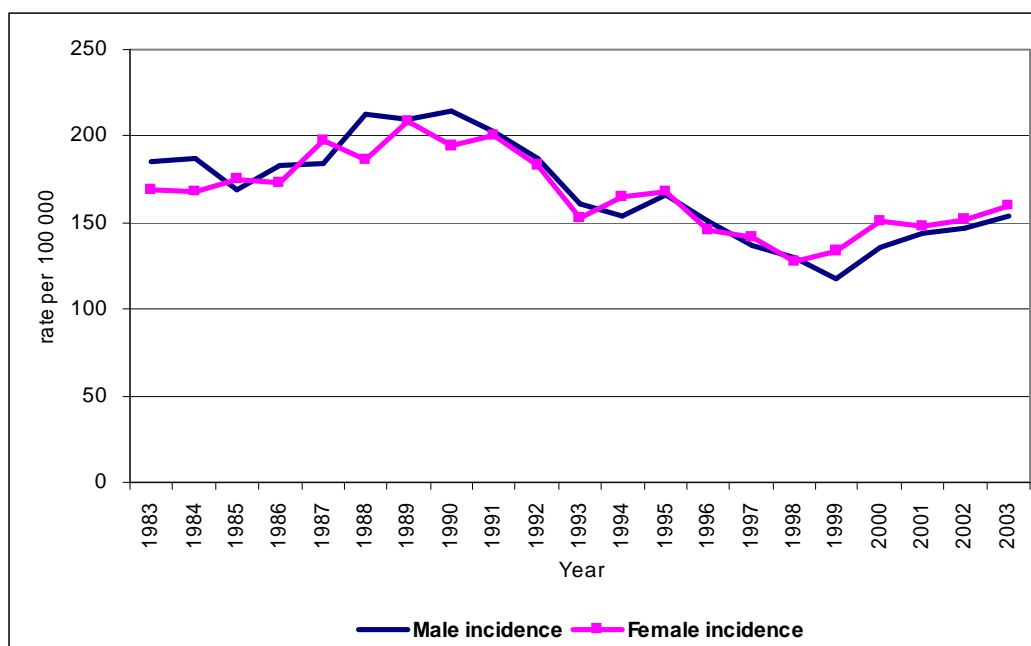


Figure 1: Age-standardized incidence rates (world) of cancer in Chiang Mai, 2000 – 2003

INCIDENCE

Age and sex

The age at diagnosis in males ranged from less than 1 year to 98 years, with a mean age of 59.9 years, and a median age of 63 years (Fig. 2). In females, the mean age at diagnosis was 55.8 years and a median age of 56 years. Childhood cancers were relatively uncommon in Chiang Mai. Only 1.3% of all cancers occurred before age 15, but fifty percent occurred after age 60.

The male to female ratio was approximately 1 : 1.2, but 38.9% of the cancers among females occurred in sex-specific sites (i.e. breast and the reproductive organs) while only 5.8% of the sex-specific cancers (i.e. prostate, testis, and penis

cancers) occurred in males. When sex-specific sites were excluded, the male to female ratio changed to 1.3 : 1.

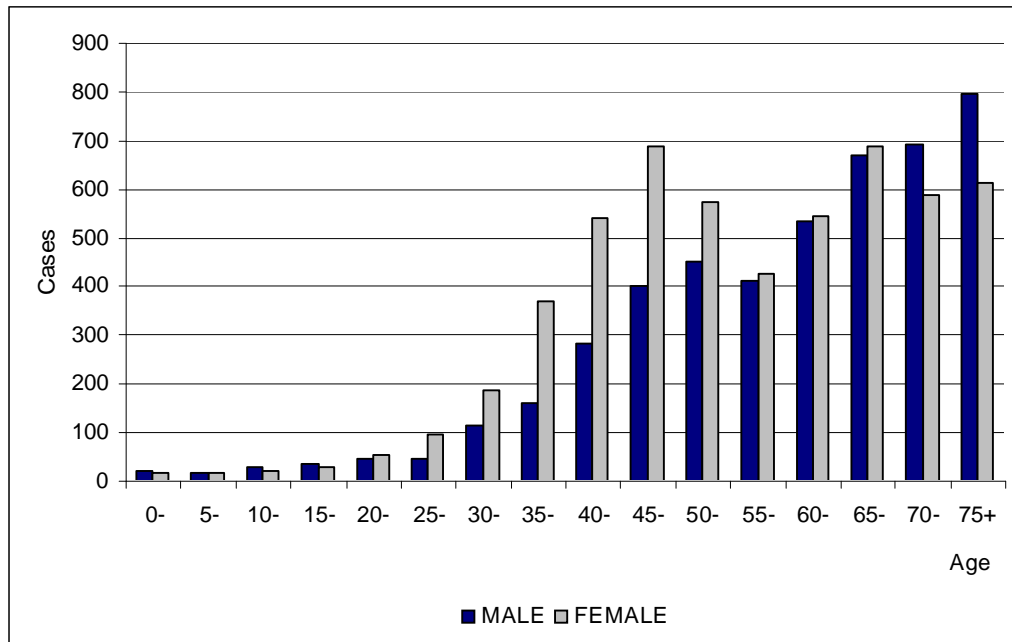


Figure 2: Age group distribution of new cancer cases in Chiang Mai, 2000-2003

The age-standardized incidence rate (ASR) for all cancers was 147.1 per 10^5 for males (Table 10), while for females it was 154.7 per 10^5 (Table 11). For males, the age-specific rate (AR) increased steeply from 167.6 per 10^5 in the age class 45-49 to 989.3 per 10^5 in the age class 70-74. For females, the AR increased steeply from 182.3 per 10^5 in the age class 40-44 to 756.2 per 10^5 in the age class 70-74 (Fig. 3). The cumulative risk percents for ages 0-64 and 0-74 for males were 8.3% and 15.8%. The estimated lifetime risks of developing cancer were 1 in 12.0 and 1 in 6.3 respectively. The cumulative risk percents for ages 0-64 and 0-74 for females were 9.9% and 16.0% respectively. The estimated lifetime risks of developing cancer were 1 in 10.8 and 1 in 6.2 for females respectively.

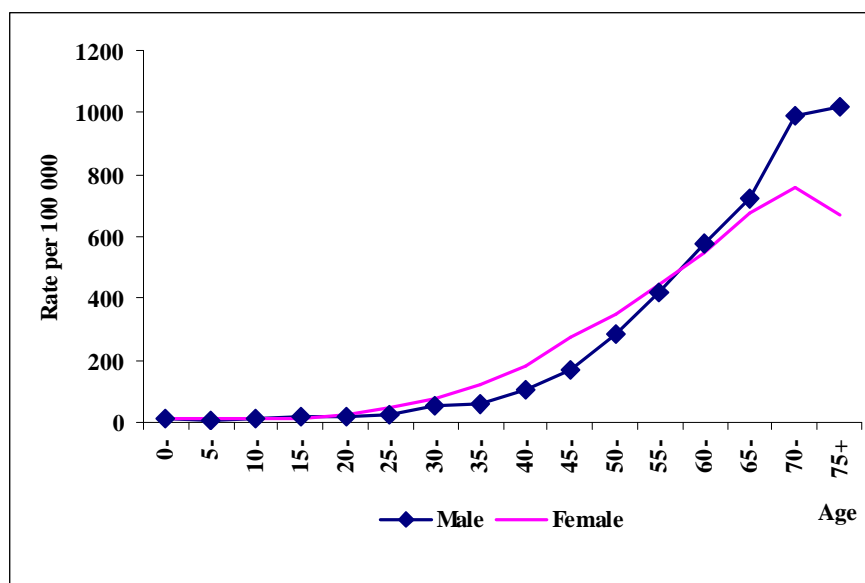


Figure 3: Age-specific incidence rate, Chiang Mai, 2000-2003

Incidence of new cancer cases by districts

The highest incidences for both sexes were found in the districts around Muang district, the main district. The highest incidences for males were found in Chiang Dao, Doi Saket, San Sai, San Kamphaeng, and Hang Dong districts. For females the highest incidences were found in Saraphi, Wiang Haeng, Doi Saket, San Sai and Hang Dong districts (Table 4). Low incidences of cancer were found in Doi Tao, Hot, Mae Chaem, Samoeng, and Omkoi districts.

MORTALITY

Age and sex

From 2000 to 2003, there were an estimated 6,667 cancer death cases (3,581 males, 3,086 females, Table 1), accounting for 10.5% for all deaths in Chiang Mai. The age-standardized mortality rates for all cancers were 111.1 per 10⁵ population for males (Table 16) and 89.1 per 10⁵ population for females (Table 17). The mortality rate in males were increased from 96.1 per 10⁵ population in the year 2000 to 114.2 per 10⁵ population in the year 2003. In females, the mortality rate increased from 82.1 per 10⁵ population in the year 2000 to 92.6 per 10⁵ population in the year 2003 (Fig. 4). The mortality rate increased after the age class 40-45 in both males and females, and after the age class 65-70, it was lower for females than males (Fig. 5). The cumulative risk percents for ages 0 to 74 (CR74) were 12.3% for males and 10.1% for females. These rates correspond to estimated lifetime risks of dying from cancer of 1 in 8.1 for males and 1 in 9.9 for females.

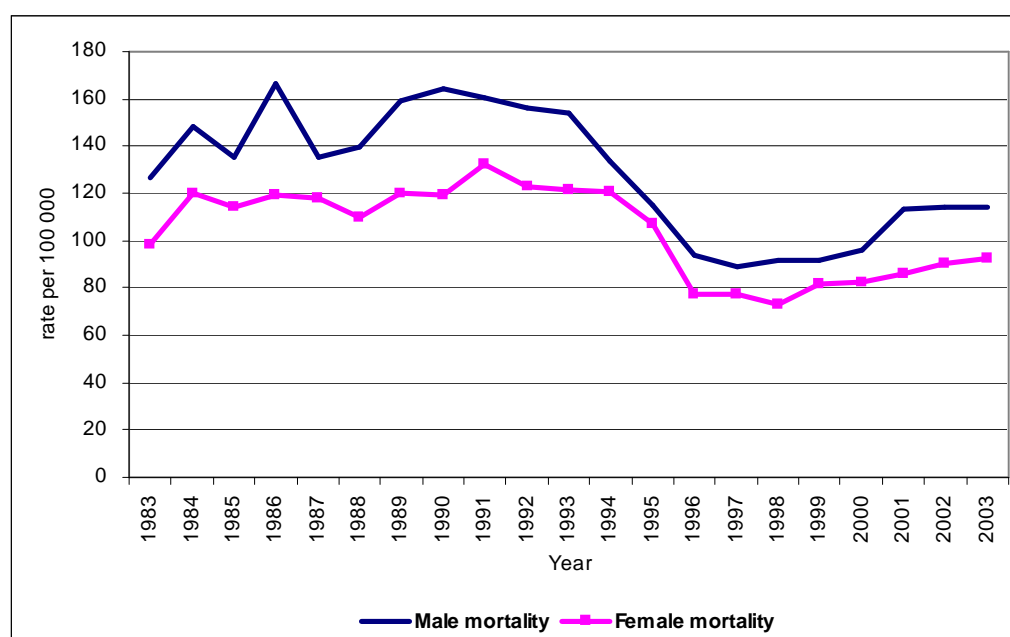


Figure 4: Age-standardized mortality rates (world) of cancer in Chiang Mai, 2000 – 2003

Mortality of cancer cases by districts

The highest age-standardized mortality rate for males was found in Muang, followed by Mae Ai, Hot, Chom Thong and San Sai districts. For females, the highest mortality rate was also found in Muang, followed by Mae Ai, Chom Thong, Hot and San Sai districts (Table 5).

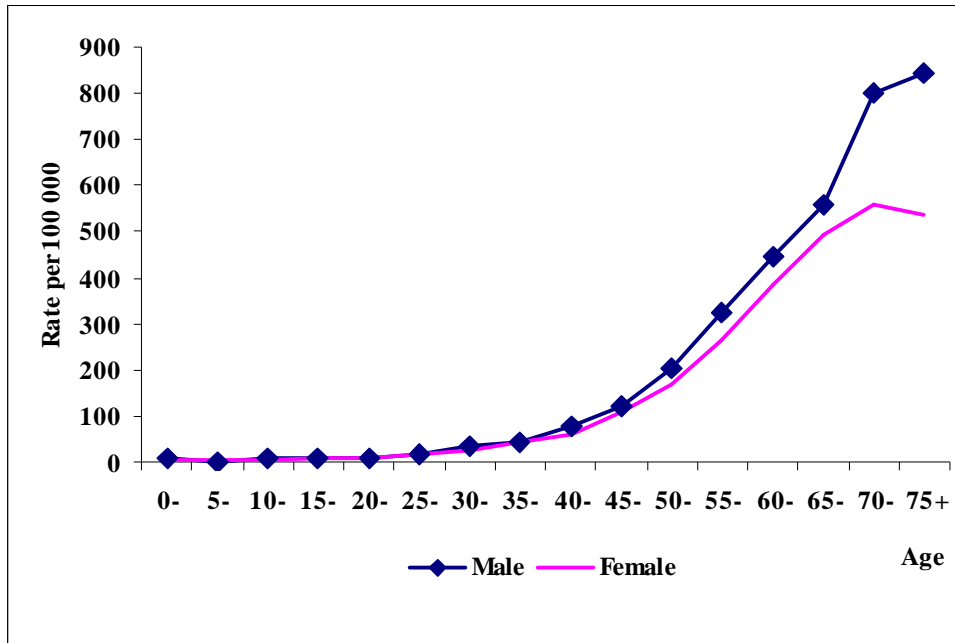


Figure 5: Age-specific mortality rate, Chiang Mai, 2000-2003

DIAGNOSIS AND STAGE OF CANCER

Basis of Diagnosis

7,399 cases (72.7%) were histologically verified, with 59.2% from primary sites and 9.7% from metastasis sites (Table 2). Fifteen percent were clinically diagnosed and 9.8% from death certificates only. By site, histologically verified cases were low for cancer of the liver, pancreas, brain and nervous system, placenta, and lung (Table 17 and Table 18).

Stage of Cancer

Sixty percent were diagnosed in advanced stages (22.0% distant metastasis and 7.8% regional node metastasis), and only 19.4% were diagnosed in localized stage (Table 3). All brain tumors, lymphoma, and leukemia were staged as “not applicable”. The “death certificate only” cases were staged as ‘unknown’. In 2,240 cases of distant metastasis, 14.6% had multiple sites of metastasis. The most common site of distant metastasis was distant lymph nodes (33.8%), followed by lung (21.1%), bone (13.5%), brain (10.6%) and liver (10.2%).

Table 2: Basis of Diagnosis

Type of diagnosis	No.	%
Histological verification	7,399	72.7
Histology of primary	6,029	59.2
Histology of metastasis	985	9.7
Cytology/hematology	384	3.8
Autopsy	1	0.0
No histological verification	1,771	17.4
Clinical only	110	1.1
Clinical and investigations	1,491	14.6
Operation/surgery	164	1.6
Immuno/biochemistry	6	0.1
Death certificate only	993	9.8
<i>Unknown</i>	19	0.2
	10,182	100.0

Table 3: Stage of Disease

Stage	No.	%
Localized	1,974	19.4
Locally advanced	3,101	30.5
Regional node metastasis	790	7.8
Distant metastasis	2,240	22.0
Not applicable	819	8.0
Unknown/not stage	1,258	12.4
	10,182	100.0

Leading Sites of Cancer Incidence

Of the invasive cancer in both sexes combined, lung cancer was the most common (1,922 cases), followed by liver, cervix, breast, and non-Hodgkin's lymphoma (NHL). Together these five types of cancer accounted for 49.7% of all new cancers. For males, the most common cancer was lung cancer, accounting for 22.9% of all newly diagnosed cases, followed by liver, NHL, stomach, and prostate cancer (Fig. 6). For females, the most common cancers were cervix cancer, accounting for 17.7% of all newly diagnosed cases, followed by lung, breast, liver, and ovarian cancer.

As for the most frequent cancers for the 15-year age group, leukemia, brain tumor and NHL were common in childhood cancer (Table 6). For males, liver and lung cancer were the common cancers in the age group 30 to 74. Liver cancer was more common than lung cancer at younger ages and lung cancer was the most common cancer for the age-group 45 and over. For females, thyroid cancer was more common in the age-group 15-29. Cervix cancer was the most common in the age-group 30-59 and was second after lung cancer in the age-group 60-74. For sex-specific cancer, prostate cancer was the most common in males and the incidence increased after the age of 60. For females, cervix cancer was the most common cancer in the young-age group, followed by breast cancer. Lung cancer was the most common cancer after age 60.

Leading Sites of Cancer Deaths

Four thousand and eight patients (60.1%) with cancer died in the year of diagnosis and 1,522 (22.8%) died in the next year after registration. Of the invasive cancers in both sexes combined, lung cancer (24.1%) was the most common cause of cancer death, followed by liver, cervix, stomach, and breast cancer (Fig. 7). These five types of cancer accounted for 49.9% of all cancer deaths. For males, the lung was the most common site of cancer deaths, accounting for 25.6% of all cancer deaths, followed by the liver, NHL, stomach, and bladder. For females, the lung was also the most common site of cancer deaths, accounting for 22.3% of all cancer deaths, followed by the cervix, breast, liver, and stomach.

Leukemia was the common cause of death in childhood cancer. For males, liver cancer was the most common cause of death in the age-group 30-59 and after the age of 60, lung cancer was the most common (Table 7). For females, cervix cancer was the most common cause in the age-group 30-44 and lung cancer was the most common cause of cancer death in the age-group 45 and over.

Table 4: Incidence and sites of new cancer cases among districts, Chiang Mai, 2000-2003

Males	Rate	All sites	Lung	Liver	NHL	Stomach	Prostate	Colon	Bladder	Rectum	Naso-pharynx
ChiangMai	147.1	4722	1080	709	214	202	190	165	162	147	109
Muang	164.6	771	136	109	33	33	48	40	33	37	22
Saraphi	165.3	310	73	52	11	12	15	8	7	6	3
San Kamphaeng	173.5	282	71	32	9	7	24	11	7	10	4
Doi Saket	177.7	271	73	50	10	9	5	6	9	4	5
San Sai	174.9	347	80	46	23	17	16	18	15	11	5
Mae Rim	153.9	243	55	37	15	7	9	7	7	6	4
Hang Dong	173.3	258	71	35	12	7	10	11	9	10	5
San Pa Tong	162.1	339	85	57	15	14	10	7	11	15	6
Phrao	140.7	170	39	28	3	5	3	2	10	3	1
Chiang Dao	184.5	216	37	38	6	16	7	6	3	3	2
Mae Taeng	144.9	251	65	46	10	10	9	12	5	4	9
Hot	92.8	77	17	12	4	10	1	3	2	1	2
Doi Tao	97.9	59	13	9	2	4	1	3	2	2	3
Chom Thong	133.7	202	51	26	13	8	7	3	12	8	7
Samoeng	88.9	41	9	6	3	0	3	1	2	0	1
Mae Chaem	80.1	91	13	10	2	8	2	3	2	2	8
Omko	55.8	45	7	2	3	4	0	0	0	3	3
Fang	138.8	252	64	37	11	9	4	9	12	10	4
Mae Ai	117.7	140	31	22	8	8	4	3	4	5	6
Wiang Haeng	138.0	26	5	2	2	3	1	1	2	0	1
Chai Prakan	147.2	111	29	20	3	1	7	3	3	2	3
Mae Wang	131.5	92	20	19	6	5	1	0	2	2	2
K.A.Mae On	110.3	56	15	7	5	4	2	2	2	2	0
K.A. Doi Law	100.6	71	21	7	5	1	0	6	1	1	3
Females	Rate	All sites	Cervix	Lung	Breast	Liver	Ovary	Colon	Stomach	Thyroid	NHL
ChiangMai	154.7	5460	968	842	791	297	182	179	156	151	148
Muang	155.8	911	160	98	212	24	32	39	20	26	26
Saraphi	215.7	409	62	104	55	18	13	10	11	7	9
San Kamphaeng	166.8	301	45	45	51	17	8	11	6	5	9
Doi Saket	195.6	325	60	50	44	22	11	17	7	10	17
San Sai	193.2	436	70	81	54	32	12	12	9	12	16
Mae Rim	162.2	290	49	47	41	12	3	10	8	8	7
Hang Dong	186.0	306	49	60	31	18	12	11	6	9	8
San Pa Tong	153.8	367	61	59	50	24	13	10	8	14	6
Phrao	161.6	199	32	32	21	12	9	8	5	2	2
Chiang Dao	155.7	183	38	25	20	11	2	6	2	8	9
Mae Taeng	156.3	280	57	45	32	24	11	9	16	9	2
Hot	86.3	77	10	10	10	3	2	0	7	4	3
Doi Tao	91.1	54	6	8	4	0	4	3	2	4	1
Chom Thong	131.4	215	35	24	30	14	11	5	10	4	6
Samoeng	75.3	34	3	8	5	2	0	1	1	1	1
Mae Chaem	77.9	93	10	12	4	3	2	2	4	4	3
Omko	47.0	41	3	3	4	1	1	0	5	3	2
Fang	178.5	344	73	57	43	26	18	12	10	8	7
Mae Ai	157.7	190	45	24	31	5	11	8	7	9	4
Wiang Haeng	203.0	40	11	4	4	1	1	0	1	2	2
Chai Prakan	150.6	127	41	20	13	8	1	2	3	0	3
Mae Wang	125.5	93	23	13	9	9	2	0	5	1	2
K.A.Mae On	123.1	59	15	2	12	4	2	0	1	1	1
K.A. Doi Law	121.9	86	10	11	11	7	1	3	2	0	2
Both sexes	Rate	All sites	Lung	Liver	Cervix	Breast	NHL	Stomach	Colon	Rectum	Bladder
ChiangMai	147.1	10182	1922	1006	968	801	362	358	344	289	243
Muang	164.6	1682	234	133	160	212	59	53	79	67	48
Saraphi	165.3	719	177	70	62	55	20	23	18	10	11
San Kamphaeng	173.5	583	116	49	45	51	18	13	22	19	11
Doi Saket	177.7	596	123	72	60	45	27	16	23	6	17
San Sai	174.9	783	161	78	70	55	39	26	30	25	24
Mae Rim	153.9	533	102	49	49	42	22	15	17	15	10
Hang Dong	173.3	564	131	53	49	31	20	13	22	15	16
San Pa Tong	162.1	706	144	81	61	50	21	22	17	27	17
Phrao	140.7	369	71	40	32	23	5	10	10	9	13
Chiang Dao	184.5	399	62	49	38	21	15	18	12	8	4
Mae Taeng	144.9	531	110	70	57	33	12	26	21	11	8
Hot	92.8	154	27	15	10	10	7	17	3	3	4
Doi Tao	97.9	113	21	9	6	4	3	6	6	3	3
Chom Thong	133.7	417	75	40	35	30	19	18	8	14	15
Samoeng	88.9	75	17	8	3	5	4	1	2	0	3
Mae Chaem	80.1	184	25	13	10	4	5	12	5	3	3
Omko	55.8	86	10	3	3	4	5	9	0	5	1
Fang	138.8	596	121	63	73	44	18	19	21	21	17
Mae Ai	117.7	330	55	27	45	31	12	15	11	12	5
Wiang Haeng	138.0	66	9	3	11	4	4	4	1	0	2
Chai Prakan	147.2	238	49	28	41	14	6	4	5	3	5
Mae Wang	131.5	185	33	28	23	9	8	10	0	4	2
K.A.Mae On	110.3	115	17	11	15	13	6	5	2	4	2
K.A. Doi Law	100.6	157	32	14	10	11	7	3	9	5	2

Table 5: Mortality rate and cancer sites among districts, Chiang Mai, 2000-2003

Males	Rate	All sites	Lung	Liver	NHL	Stomach	Bladder	Rectum	Prostate	Colon	Naso-pharynx
Chiang Mai	111.1	3581	918	599	151	144	100	93	89	84	64
Muang	16.0	520	119	72	22	27	28	13	19	18	11
Saraphi	4.7	149	42	26	4	6	3	6	3	4	5
San Kamphaeng	1.8	57	7	6	1	2	0	1	3	2	2
Doi Saket	5.0	161	30	35	6	9	3	1	4	2	2
San Sai	7.3	236	63	50	9	11	3	5	3	5	1
Mae Rim	5.8	183	55	38	8	6	4	3	3	7	6
Hang Dong	6.3	200	48	37	10	6	2	5	3	5	6
San Pa Tong	0.9	29	6	6	1	1	0	2	2	0	0
Phrao	5.2	165	47	29	5	4	5	6	4	5	2
Chiang Dao	3.5	111	27	19	5	5	4	5	1	1	7
Mae Taeng	4.6	146	33	27	5	4	3	4	1	3	2
Hot	8.0	263	72	49	11	13	7	6	7	4	1
Doi Tao	7.0	228	74	28	10	5	4	3	11	5	1
Chom Thong	7.5	247	65	37	9	11	7	9	6	4	4
Samoeng	6.7	220	66	29	9	6	11	10	4	3	4
Mae Chaem	1.8	58	14	10	3	6	1	1	1	2	2
Omroi	1.6	53	13	8	2	4	3	1	1	1	2
Fang	1.0	33	5	0	5	2	0	2	0	0	0
Mae Ai	8.3	264	60	44	12	9	6	6	7	7	1
Wiang Haeng	0.4	11	4	2	0	1	0	0	0	0	0
Chai Prakan	2.3	74	23	15	4	1	1	1	3	3	1
Mae Wang	2.3	79	15	18	4	4	2	1	2	0	2
K.A.Mae On	1.2	41	13	7	4	1	2	1	0	1	0
K.A. Doi Law	1.6	53	17	7	2	0	1	1	1	2	2
Females	Rate	All sites	Lung	Cervix	Breast	Liver	Stomach	NHL	Colon	Rectum	Gallbladder
Chiang Mai	89.1	3086	690	374	246	232	118	82	77	75	72
Muang	11.9	425	81	57	51	24	18	11	14	12	8
Saraphi	3.4	117	23	13	8	13	8	4	2	1	1
San Kamphaeng	1.1	38	4	3	1	3	1	1	0	0	1
Doi Saket	2.9	101	22	15	9	7	1	4	2	2	2
San Sai	5.6	191	47	13	20	16	4	7	9	3	2
Mae Rim	4.5	159	32	22	7	22	11	2	7	4	5
Hang Dong	5.0	177	39	22	7	11	6	4	8	5	8
San Pa Tong	0.8	26	6	4	1	2	2	1	0	0	0
Phrao	5.1	167	43	25	14	15	7	5	4	5	2
Chiang Dao	3.0	99	21	15	7	6	6	3	3	4	1
Mae Taeng	4.1	138	30	14	12	10	3	2	4	3	3
Hot	6.1	218	53	25	17	18	6	5	3	9	5
Doi Tao	5.6	197	42	25	19	13	7	7	6	8	7
Chom Thong	7.3	258	62	29	14	24	9	13	6	5	2
Samoeng	5.6	193	48	21	11	14	8	3	3	3	8
Mae Chaem	1.1	36	7	5	3	2	3	1	0	1	0
Omroi	0.8	30	6	2	7	0	0	0	0	0	3
Fang	0.6	19	2	0	1	1	2	0	0	1	0
Mae Ai	7.9	267	83	24	23	13	7	3	4	3	5
Wiang Haeng	0.5	15	2	3	0	1	0	2	0	0	0
Chai Prakan	1.7	56	13	12	3	4	2	2	0	1	3
Mae Wang	1.7	60	11	12	2	5	4	2	0	3	1
K.A.Mae On	1.1	36	2	7	6	4	1	0	0	0	2
K.A. Doi Law	1.8	63	11	6	3	4	2	0	2	2	3
Both sexes		All sites	Lung	Liver	Cervix	Stomach	Breast	NHL	Rectum	Colon	Bladder
Chiang Mai		6667	1608	831	374	262	253	233	168	161	144
Muang		945	200	96	57	45	51	33	25	32	38
Saraphi		266	65	39	13	14	8	8	7	6	7
San Kamphaeng		95	11	9	3	3	1	2	1	2	0
Doi Saket		262	52	42	15	10	9	10	3	4	4
San Sai		427	110	66	13	15	21	16	8	14	8
Mae Rim		342	87	60	22	17	7	10	7	14	7
Hang Dong		377	87	48	22	12	8	14	10	13	3
San Pa Tong		55	12	8	4	3	1	2	2	0	1
Phrao		332	90	44	25	11	14	10	11	9	7
Chiang Dao		210	48	25	15	11	7	8	9	4	7
Mae Taeng		284	63	37	14	7	14	7	7	7	4
Hot		481	125	67	25	19	17	16	15	7	11
Doi Tao		425	116	41	25	12	19	17	11	11	5
Chom Thong		505	127	61	29	20	14	22	14	10	11
Samoeng		413	114	43	21	14	12	12	13	6	12
Mae Chaem		94	21	12	5	9	3	4	2	2	1
Omroi		83	19	8	2	4	7	2	1	1	3
Fang		52	7	1	0	4	2	5	3	0	1
Mae Ai		531	143	57	24	16	23	15	9	11	8
Wiang Haeng		26	6	3	3	1	0	2	0	0	0
Chai Prakan		130	36	19	12	3	3	6	2	3	1
Mae Wang		139	26	23	12	8	2	6	4	0	2
K.A.Mae On		77	15	11	7	2	7	4	1	1	2
K.A. Doi Law		116	28	11	6	2	3	2	3	4	1

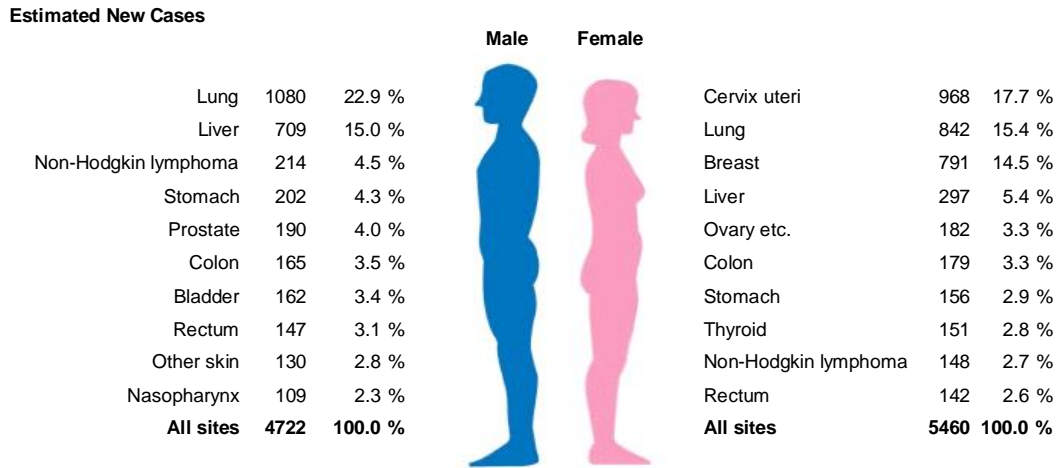


Figure 6: Ten leading cancer sites for the estimated new cases, by sex, Chiang Mai, 2000-2003

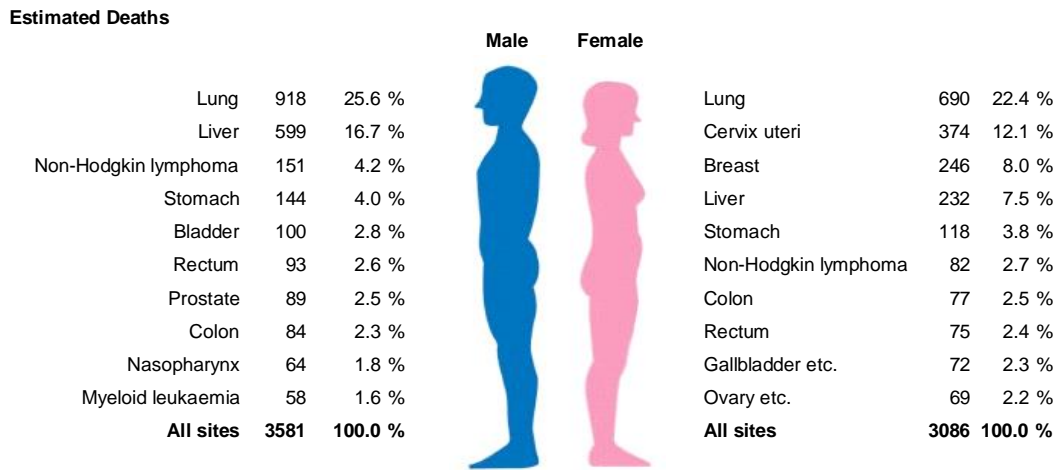


Figure 7: Ten leading cancer sites for the estimated dead cases, by sex, Chiang Mai, 2000-2003

Table 6: Most common cancers by 15-year age groups in Chiang Mai, 2000-2003

MALE												
Incidence	Age group	0 to 14	15-29	30-44	45-59	60-74	75+					
CANCER / SITE		cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases
Lymphoid leukaemia		16	NHL	17	Liver	112	Bronchus, lung	272	Bronchus, lung	561	Bronchus, lung	188
Brain, nervous system		9	Myeloid leukaemia	8	Bronchus, lung	54	Liver	266	Liver	254	Prostate	96
Bone		5	Nasopharynx	7	NHL	42	Stomach	64	Prostate	90	Liver	71
NHL		5	Stomach	6	Nasopharynx	30	NHL	61	Stomach	80	Bladder	47
Myeloid leukaemia		5	Bone	6	Stomach	23	Colon	48	Bladder	78	Other skin	36
All sites		63	All sites	130	All sites	559	All sites	1267	All sites	1900	All sites	795

FEMALE												
Incidence	Age group	0 to 14	15-29	30-44	45-59	60-74	75+					
CANCER / SITE		cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases
Lymphoid leukaemia		17	Cervix uteri	23	Cervix uteri	363	Cervix uteri	361	Bronchus, lung	463	Bronchus, lung	136
Brain, nervous system		6	Thyroid	19	Breast	238	Breast	345	Cervix uteri	186	Liver	47
Non-Hodgkin lymphoma		5	Ovary etc.	14	Ovary etc.	51	Bronchus, lung	202	Breast	150	Breast	45
Connective tissue		3	Myeloid leukaemia	14	Thyroid	47	Liver	96	Liver	116	Cervix uteri	35
Bone		2	Breast	13	Bronchus, lung	38	Ovary etc.	72	Colon	66	Other skin	34
Ovary etc.		2	NHL	10	NHL	32	Colon	55	Stomach	64	Bladder	27
All sites		52	All sites	179	All sites	1101	All sites	1687	All sites	1824	All sites	613

MALE												
Incidence	Age group	0 to 14	15-29	30-44	45-59	60-74	75+					
CANCER / SITE		ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR
Lymphoid leukaemia		0.8	NHL	0.6	Liver	2.5	Bronchus, lung	9.3	Bronchus, lung	19.1	Bronchus, lung	4.8
Brain, nervous system		0.5	Nasopharynx	0.3	Bronchus, lung	1.2	Liver	8.3	Liver	8.8	Prostate	2.5
Eye		0.3	Myeloid leukaemia	0.3	NHL	1.0	Stomach	2.1	Prostate	2.9	Liver	1.8
Myeloid leukaemia		0.3	Stomach	0.2	Nasopharynx	0.7	NHL	1.9	Stomach	2.7	Bladder	1.2
Bone		0.2	Bronchus, lung	0.2	Stomach	0.5	Colon	1.5	Bladder	2.5	Other skin	0.9
All sites		3.2	All sites	4.6	All sites	12.9	All sites	41.2	All sites	64.6	All sites	20.3

FEMALE												
Incidence	Age group	0 to 14	15-29	30-44	45-59	60-74	75+					
CANCER / SITE		ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR
Lymphoid leukaemia		0.9	Cervix uteri	0.8	Cervix uteri	7.5	Cervix uteri	10.8	Bronchus, lung	14.5	Bronchus, lung	3.0
Brain, nervous system		0.3	Thyroid	0.6	Breast	5.0	Breast	10.1	Cervix uteri	5.9	Liver	1.0
NHL		0.3	Breast	0.5	Ovary etc.	1.1	Bronchus, lung	6.6	Breast	4.9	Breast	1.0
Connective tissue		0.2	Ovary etc.	0.5	Thyroid	1.0	Liver	3.0	Liver	3.6	Cervix uteri	0.8
Liver		0.1	Myeloid leukaemia	0.5	Bronchus, lung	0.8	Ovary etc.	2.1	Colon	2.1	Other skin	0.7
All sites		2.8	All sites	6.3	All sites	23.2	All sites	51.5	All sites	57.3	All sites	13.4

Table 7: Most common cancer deaths by 15-year age groups in Chiang Mai, 2000-2003

MALE												
Mortality	Age group	0-14	15-29	30-44	45-59	60-74	75+					
CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	
Myeloid leukaemia	4	NHL	9	Liver	90	Liver	221	Bronchus, lung	482	Bronchus, lung	175	
Brain, nervous system	3	Myeloid leukaemia	6	Bronchus, lung	45	Bronchus, lung	212	Liver	220	Liver	66	
Lymphoid leukaemia	3	Stomach	5	NHL	31	Stomach	44	Bladder	58	Prostate	54	
Colon	2	Bone	5	Stomach	15	NHL	37	Stomach	57	Bladder	29	
Other Thoracic organs	2	Brain, nervous system	5	Brain, nervous system	12	Rectum	26	NHL	54	Stomach	23	
All sites	22	All sites	79	All sites	396	All sites	923	All sites	1493	All sites	663	

FEMALE												
Mortality	Age group	0-14	15-29	30-44	45-59	60-74	75+					
CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	CANCER / SITE	cases	
Lymphoid leukaemia	3	Myeloid leukaemia	12	Cervix uteri	77	Bronchus, lung	155	Bronchus, lung	390	Bronchus, lung	116	
Brain, nervous system	2	NHL	6	Breast	46	Cervix uteri	129	Cervix uteri	131	Liver	39	
Bone	1	Stomach	5	Bronchus, lung	28	Breast	104	Liver	95	Cervix uteri	32	
Myeloid leukaemia	1	Cervix uteri	5	Stomach	23	Liver	75	Breast	70	Breast	24	
		Ovary etc.	5	Liver	20	NHL	26	Stomach	49	Bladder	20	
All sites	8	All sites	74	All sites	380	All sites	797	All sites	1326	All sites	497	

MALE												
Mortality	Age group	0-14	15-29	30-44	45-59	60-74	75+					
CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	
Lymphoid leukaemia	0.2	NHL	0.3	Liver	2.0	Bronchus, lung	7.2	Bronchus, lung	16.5	Bronchus, lung	4.5	
Myeloid leukaemia	0.2	Stomach	0.2	Bronchus, lung	1.0	Liver	7.0	Liver	7.6	Liver	1.7	
Colon	0.1	Bone	0.2	NHL	0.8	Stomach	1.4	Stomach	1.9	Prostate	1.4	
Other Thoracic organs	0.1	Brain, nervous system	0.2	Stomach	0.4	NHL	1.2	Bladder	1.9	Bladder	0.7	
Bone	0.1	Lymphoid leukaemia	0.2	Brain, nervous system	0.3	Nasopharynx	0.8	NHL	1.8	Stomach	0.6	
All sites	1.1	All sites	2.9	All sites	9.2	All sites	30.2	All sites	50.6	All sites	17.0	

FEMALE												
Mortality	Age group	0-14	15-29	30-44	45-59	60-74	75+					
CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	CANCER / SITE	ASR	
Lymphoid leukaemia	0.1	Myeloid leukaemia	0.4	Cervix uteri	1.6	Bronchus, lung	5.2	Bronchus, lung	12.3	Bronchus, lung	2.5	
Brain, nervous system	0.1	Stomach	0.2	Breast	1.0	Cervix uteri	4.1	Cervix uteri	4.1	Liver	0.9	
Bone	0.0	Cervix uteri	0.2	Bronchus, lung	0.6	Breast	3.1	Liver	2.9	Cervix uteri	0.7	
Myeloid leukaemia	0.0	Ovary etc.	0.2	Stomach	0.5	Liver	2.3	Breast	2.3	Breast	0.5	
	0.0	NHL	0.2	Liver	0.4	NHL	0.9	Stomach	1.5	Mouth	0.4	
All sites	0.3	All sites	2.7	All sites	8.1	All sites	25.3	All sites	41.5	All sites	11.0	

THE COMMON CANCERS IN CHIANG MAI, 2000 to 2003

Lung cancer (ICD-10 C33-C34)

There were 1,922 newly diagnosed cases of lung cancer, accounting for 18.9% of all cancer cases and there were 1,608 cases (24.1%) in all cancer deaths (Table 1). The incidence rates of lung cancer seem to continuously increase from the year 2000. The incidence rate in males increased from 28.4 per 10^5 in the year 2000 to 39.1 per 10^5 in the year 2003. In females, the incidence rate also increased from 24.7 per 10^5 in the year 2000 to 28.4 per 10^5 in the year 2003. The mortality rates also increased from 20.8 per 10^5 in the year 2000 to 33.7 per 10^5 in the year 2003 in males and from 18.4 per 10^5 in the year 2000 to 23.3 per 10^5 in the year 2003 in females.

Lung cancer has ranked first for new cancers in Chiang Mai since the first population-base registration in 1983 until 2003 in this report. The incidence increased sharply with age in both males and females after the age of 40 (Fig.8). The mortality rate in males was higher than females after the age of 55 (Fig. 9). 37.0% were diagnosed in localized and local extension stages, and 45.5% had distant metastasis. The most common site of metastasis was distant lymph nodes (26.9%), followed by lung to lung metastasis (26.1%), and brain (16.3%). Among 1,196 cases with histological verification, the common cell types were adenocarcinoma (28.4%) and squamous cell carcinoma (20.7%).

Incidence

	males	females
New cases	1,080	842
Sex ratio	1.3	1
Median age at diagnosis	66	66
Age standardized incidence rate	34.6	25.0
Cumulative risk (0-74)	4.39	3.24
Estimated life time risk	1 in 23	1 in 31

Mortality

	males	females
Death cases	918	690
Sex ratio	1.3	1
Median age at death	66	66
Age standardized mortality rate	29.3	20.6
Cumulative risk (0-74)	3.70	2.68

Cell type

	males	females	both	%
Adenocarcinoma	286	260	546	28.4
Squamous cell	260	138	398	20.7
Small cell	66	63	129	6.7
Large cell	57	51	108	5.6
Others	10	5	15	0.8
Clinical diagnosis	401	325	726	37.8
All	1080	842	1922	

Stage

	cases	%
Localized	160	8.3
Locally advanced	551	28.7
Regional node metastasis	180	9.4
Distant metastasis	875	45.5
Unknown/not stage	156	8.1
All	1922	

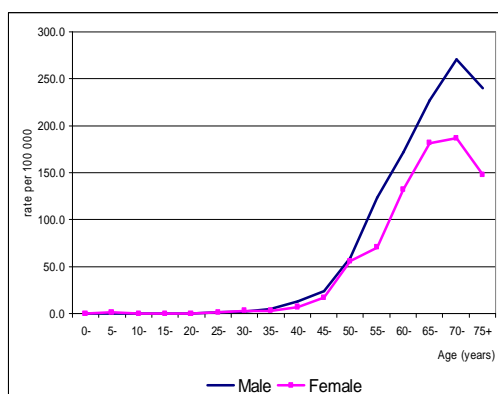


Fig. 8: Age specific incidence rate (C33-C34)

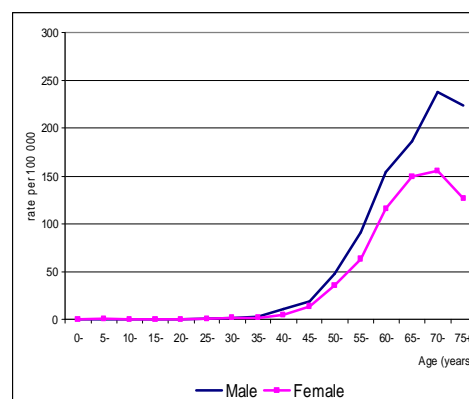


Fig. 9: Age specific mortality rate (C33-C34)

Liver cancer (ICD-10 C22)

There were 1,006 new cases of liver cancer, and there were 831 cases in all cancer deaths. This cancer ranked second for males, and fourth for females for new cancers and had the same rank for cancer deaths (Table 1). The incidence rate in males increased from 15.3 per 10⁵ in the year 2000 to 30.4 per 10⁵ in the year 2003. In females, the incidence rate also increased from 5.4 per 10⁵ in the year 2000 to 12.1 per 10⁵ in the year 2003. The mortality rates also increased from 11.0 per 10⁵ in the year 2000 to 27.1 per 10⁵ in the year 2003 in males and from 4.0 per 10⁵ in the year 2000 to 8.8 per 10⁵ in the year 2003 in females.

Liver cancer was uncommon in ages below 30 and more common in males than females in all age groups. The incidence increased sharply from age 35 for males and age 45 for females (Fig.10). Only 34.0% of cases were histologically verified. For the known cell types, hepatocellular carcinoma (16.9%) was close to cholangiocarcinoma (16.7%). Four hundred and eighty two cases (47.9%) were diagnosed in local extension stages, and 195 cases had distant metastasis. Cholangiocarcinoma was found to have distant metastasis more than hepatocellular carcinoma. The metastatic sites were omentum/peritoneum in 31.3%, distant lymph nodes in 23.6% and lung in 15.9%. Six hundred and sixty five patients (80%) died in the year of diagnosis.

Incidence

	males	females
New cases	709	297
Sex ratio	2.4	1
Median age at diagnosis	57	62
Age standardized incidence rate	21.7	8.6
Cumulative risk (0-74)	2.57	1.01
Estimated life time risk	1 in 39	1 in 99

Mortality

	males	females
Death cases	599	232
Sex ratio	2.6	1
Median age at death	58	64
Age standardized mortality rate	18.3	6.6
Cumulative risk (0-74)	2.20	0.80

Cell type

	males	females	both	%
Hepatocellular	128	42	170	16.9
Cholangiocarcinoma	108	60	168	16.7
Sarcoma	1	0	1	0.1
Others	3	0	3	0.3
Clinical diagnosis	469	195	664	66.0
All	709	297	1006	

Stage

	cases	%
Localized	129	12.8
Locally advanced	482	47.9
Regional node metastasis	72	7.2
Distant metastasis	195	19.4
Unknown/not stage	128	12.7
All	1006	

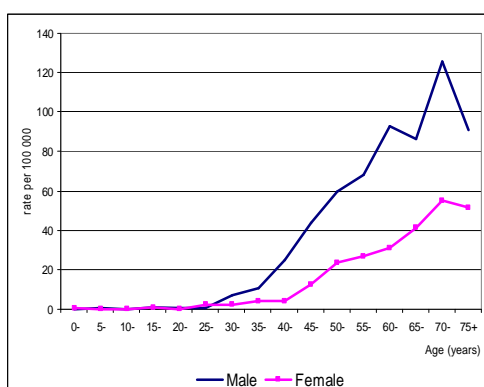


Fig. 10: Age specific incidence rate (C22)

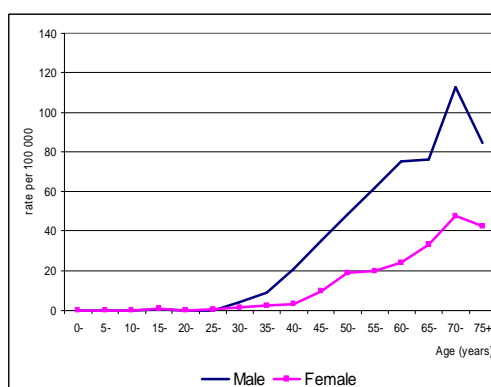


Fig. 11: Age specific mortality rate (C22)

Stomach cancer (ICD-10 C16)

There were 358 new cases of stomach cancer (3.5% of new cancer cases); it ranked fourth for males and ninth for females (Table 1). The age standardized incidence rates were 6.3 per 10^5 for males and 4.4 per 10^5 for females. For males, the incidence rate per 10^5 increased from 5.5 in the year 2000 to 7.3 in the year 2002 and decreased to 6.2 in the year 2003. For females the incidence rate per 10^5 increased slightly from 4.3 in the year 2000 to 4.8 in the year 2002 and decreased to 3.9 in the year 2003. In the same period, there were 262 cases of stomach cancer deaths (3.9% of all cancer deaths).

Only 11.4% of stomach cancers were found under the age of 40. The incidence increased after the age of 40 and was more common in males than females. Only 20.1% were diagnosed in local extension stage, while 76.3% were in an advanced stage. The most common site of metastasis was omentum/ peritoneum (42.6%), followed by liver (19.4%) and distant lymph nodes (15.7%). Among 305 cases with histological verification, the most common cell type was adenocarcinoma (83.0%). The prognosis was poor due to advanced stage: 56.1% died in the year of diagnosis.

Incidence

	males	females
New cases	202	156
Sex ratio	1.3	1
Median age at diagnosis	62	61
Age standardized incidence rate	6.3	4.4
Cumulative risk (0-74)	0.75	0.53
Estimated life time risk	1 in 133	1 in 189

Mortality

	males	female
Death cases	144	118
Sex ratio	1.2	1
Median age at death	62	62
Age standardized mortality rate	4.4	3.3
Cumulative risk (0-74)	0.53	0.40

Cell type

	males	females	both	%
Adenocarcinoma	174	123	297	83.0
Sarcoma	2	2	4	1.1
Others	1	3	4	1.1
Clinical diagnosis	25	28	53	14.8
All	202	156	358	

Stage

	cases	%
Localized	72	20.1
Local extension	115	32.1
Regional nodes met.	50	14.0
Distant metastasis	108	30.2
Unknown/not stage	13	3.6
All	358	

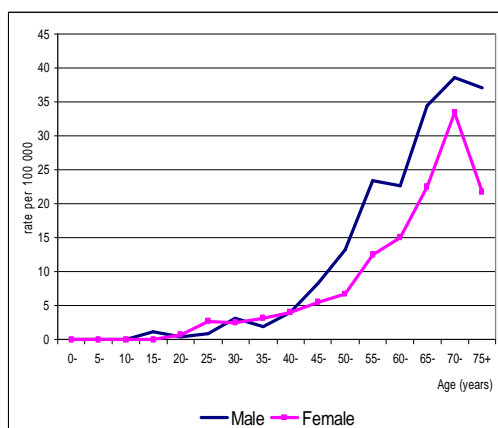


Fig. 12: Age specific incidence rate (C16)

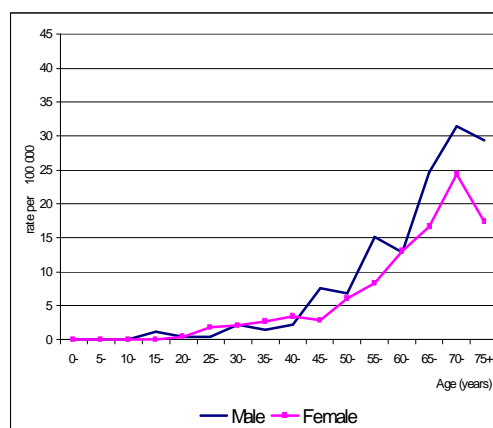


Fig. 13: Age specific mortality rate (C16)

Colon cancer (ICD-10 C18)

There were 344 new cases of colon cancer (3.4% of new cancer cases) ; ranked the sixth in both males and females. The age-standardized incidence rate was 5.0 per 10⁵ for males and 5.1 for females. For males, the incidence increased from 4.2 in the year 2000 to 5.3 in the year 2003 and for females the incidence increased from 4.3 in the year 2000 to 6.6 in the year 2002 and dropped to 4.4 in the year 2003. There were 161 cases of colon cancer deaths in the same period (2.4% of all cancer deaths).

The incidence of colon cancer increased after the age of 40. Colon cancer was more common in females than males in the age group 35-59 but after the age of 60 it was more common in males than females (Fig.14). Thirty seven percent were diagnosed in an advanced stage (14.0% regional lymph nodes metastasis, and 23.8% distant metastasis), and only 12.2% were diagnosed in a localized stage. The most common site of metastasis was liver (40.2%), followed by omentum/peritoneum (34.1%), and distant lymph nodes (8.5%). Adenocarcinoma was the most common cell type accounting for 83.4%. Thirty-six percent of patients died in the year of diagnosis and 49% died within three years after diagnosis.

Incidence

	males	females
New cases	165	179
Sex ratio	0.9	1
Median age at diagnosis	63	60
Age standardized incidence rate	5.0	5.1
Cumulative risk (0-74)	0.61	0.59
Estimated life time risk	1 in 164	1 in 170

Mortality

	males	females
Death cases	84	77
Sex ratio	1.1	1
Median age at death	69	63
Age standardized mortality rate	2.5	2.2
Cumulative risk (0-74)	0.31	0.28

Cell type

Cell type	male	females	both	%
Adenocarcinoma	133	154	287	83.4
Sarcoma	0	1	1	0.3
Others	3	3	6	1.7
Clinical diagnosis	29	21	50	14.5
All	165	179	344	

Stage

Stage	cases	%
Localized	42	12.2
Local extension	156	45.3
Regional nodes met.	48	14.0
Distant metastasis	82	23.8
Unknown/not stage	16	4.7
All	344	

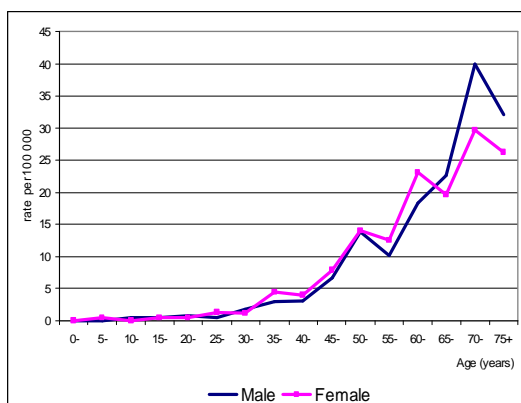


Fig. 14: Age specific incidence rate (C18)

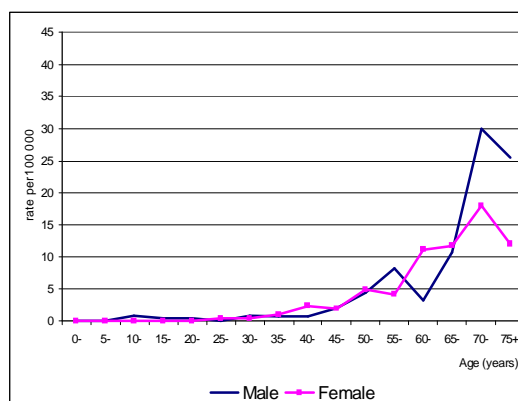


Fig. 15: Age specific mortality rate (C18)

Bladder cancer (ICD-10 C67)

There were 243 new cases of bladder cancer, accounting for 2.4% of all new cancer cases. This cancer ranked 7th for males, and 14th for females (Table 1). The age-standardized incidence rate was 4.8 per 10⁵ for males, and 2.2 for females. For males, the incidence rate decreased from 4.7 in the year 2000 to 4.4 in the year 2003. For females, the incidence also decreased from 2.2 in the year 2000 to 1.8 in the year 2003. In the same period, there were 144 cases of bladder cancer deaths (2.2% of all cancer deaths).

Bladder cancer was the most common cancer of the urinary system, and more common in males than females. It was uncommon below 50 years in males and below 55 in females (Fig.16). Ninety percent of cases were histologically verified, and the most common cell type was transitional cell carcinoma, accounting for 84.0% of all cases. Most of them were diagnosed at an early stage, 101 cases (41.6%) were localized, 102 cases (42.0%) were local extension, and only 26 cases had distant metastasis. The metastatic sites were omentum/peritoneum (42.3%), bone (19.2%), and distant lymph nodes (15.4%).

Incidence

	males	females
New cases	162	81
Sex ratio	2.0	1
Median age at diagnosis	70	69
Age standardized incidence rate	4.8	2.2
Cumulative risk (0-74)	0.59	0.25
Estimated life time risk	1 in 170	1 in 400

Mortality

	males	females
Death cases	100	44
Sex ratio	2.3	1
Median age at death	70	74
Age standardized mortality rate	3.0	1.2
Cumulative risk (0-74)	0.40	0.13

Cell type

Cell type	males	females	both	%
Transitional cell	143	61	204	84.0
Squamous cell	6	5	11	4.5
Adenocarcinoma	3	1	4	1.6
Clinical diagnosis	10	14	24	9.9
All	162	81	243	

Stage

Stage	cases	%
Localized	101	41.6
Local extension	102	42.0
Regional nodes met.	6	2.5
Distant metastasis	26	10.7
Unknown/not stage	8	3.3
All	243	

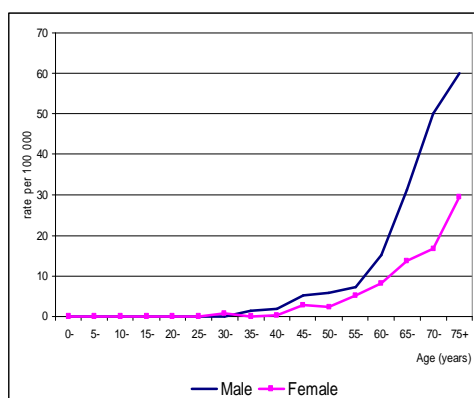


Fig. 16: Age specific incidence rate (C67)

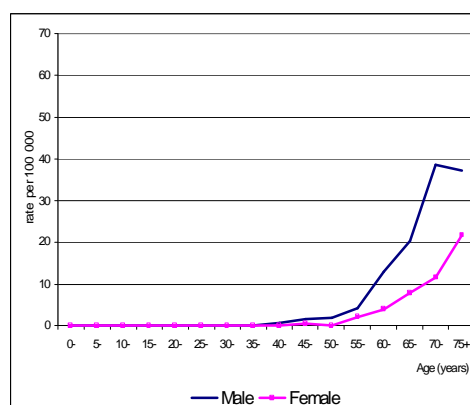


Fig. 17: Age specific mortality rate (C67)

Non-Hodgkin's lymphoma (ICD-10 C82-C85; C96)

There were 362 new cases of NHL (3.6% of new cancer cases); this ranked the 3rd for males and the 9th for females (Table 1). The age-standardized incidence rate was 6.5 for males and 4.4 per 10⁵ for females. The incidence rate decreased from 6.7 in the year 2000 to 5.1 in the year 2003 for males. For female, the incidence rate also decreased from 5.6 in the year 2001 to 4.2 in the year 2003. There were 233 cases of NHL deaths in the same period (3.5% of all cancer deaths).

NHL was common cancer in young people and increased with age for both males and females (Fig.18). The stage of NHL in the Chiang Mai Cancer Registry was noted as “not applicable” due to insufficient information for staging. All cases were histologically verified, and the most common cell type was malignant lymphoma, non-Hodgkin's, NOS (*M9591/3*) and malignant lymphoma, NOS (*M9590/3*) accounting for 39.5% of all cases, followed by malignant lymphoma, large B-cell, diffuse, NOS (*M9680/3*) (38.4%). In mortality cases, 54.9% died in the year of diagnosis, and 30.5% died one year or later after diagnosis.

Incidence

	males	females
New cases	214	148
Sex ratio	1.4	1
Median age at diagnosis	53.5	53.5
Age standardized incidence rate	6.5	4.4
Cumulative risk (0-74)	0.73	0.47
Estimated life time risk	1 in 137	1 in 212

Mortality

	males	females
Death cases	151	82
Sex ratio	1.8	1
Median age at death	58	58
Age standardized mortality rate	4.7	2.5
Cumulative risk (0-74)	0.54	0.27

Cell type

Cell type	males	females	both	%
non-Hodgkin, NOS	88	55	143	39.5
Large B-cell, diff.	79	60	139	38.4
Small B lymphocy.	15	8	23	6.4
Mixed small,large	14	9	23	6.4
Others	18	16	34	9.4
All	214	148	362	

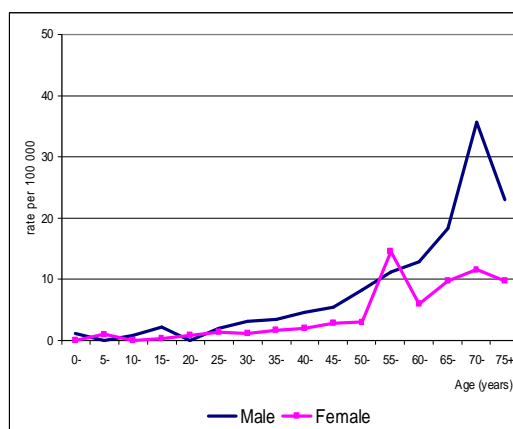
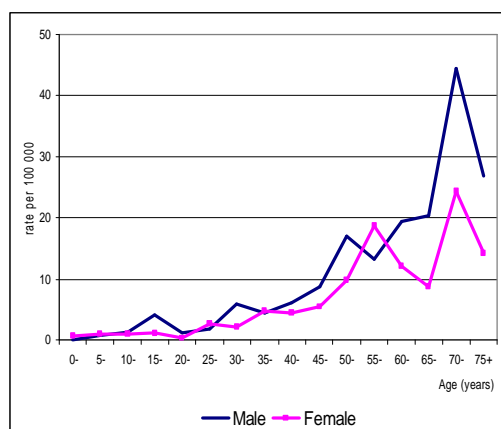


Fig. 18: Age-specific incidence rate (C82-5;C96)

Fig. 19: Age-specific mortality rate (C82-5;C96)

Cervix cancer (ICD-10 C53)

There were 968 new cases of invasive carcinoma of cervix cancer, accounting for 17.7% of all new cases for females. The age-standardized incidence rate was 25.8 per 10⁵. The incidence rate per 10⁵ decreased from 28.5 in the year 2000 to 25.7 in the year 2003. In the same period, there were 841 cases of carcinoma in situ of cervix cancer, which were not included in this analysis. In the same period, there were 374 cases of cervix cancer deaths, accounting for 5.6% of all cancer deaths or 12.1% of females.

Cervix cancer was the most common cancer of females in Chiang Mai. The age of diagnosis ranged from 20 to 97 years with the average age at 50 years and the median age at 47 years. A high incidence rate was found in the age group 55-60 (Fig.20). Ninety-six percent of cases were histologically verified, and the most common cell type was squamous cell carcinoma, accounting for 78.6% of all cases. Four hundred and thirty six cases (45.0%) were in early-localized stage, and only 19 cases (2.0%) had distant metastasis at the time of diagnosis. The most common metastasis was distant lymph nodes (52.6%). Seventeen percent of mortality cases died in the year of diagnosis, and 27.5 percent died after 3 years of diagnosis.

Incidence

	females
New cases	968
Sex ratio	
Median age at diagnosis	47
Age standardized incidence rate	25.8
Cumulative risk (0-74)	2.69
Estimated life time risk	1 in 37

Mortality

	females
Death cases	374
Sex ratio	
Median age at death	57.0
Age standardized mortality rate	10.7
Cumulative risk (0-74)	1.26

Cell type

Cell type	cases	%
Squamous cell	761	78.6
Adenocarcinoma	162	16.7
Other carcinoma	7	0.7
Sarcoma	1	0.1
Clinical diagnosis	37	3.8
All	968	

Stage

Stage	cases	%
Localized	436	45.0
Local extension	471	48.7
Regional nodes met.	8	0.8
Distant metastasis	19	2.0
Unknown/not stage	34	3.5
All	968	

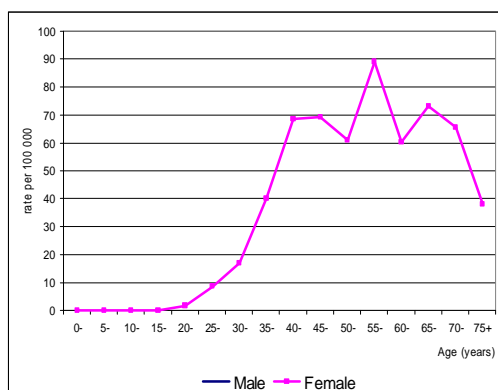


Fig. 20: Age specific incidence rate (C53)

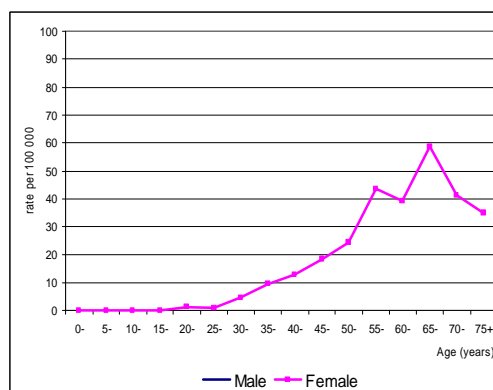


Fig. 21: Age specific mortality rate (C53)

Female breast cancer (ICD-10 C50)

There were 791 newly diagnosed cases of female breast cancer, accounting for 14.5% of all new cases of females. The age-standardized incidence rate was 21.3 per 10⁵ and ranked third for new cancers in females (Table 1). The incidence rate increased from 20.8 in 2000 to 22.4 in 2003. In the same period, there were 246 cases of breast cancer deaths or 8.0% of all cancer deaths in females.

Female breast cancer was one of the common cancers in females of middle age (age group 30 to 59) (Table 6). The incidence rate increased abruptly after age 35 to a maximum in the age group 45-49 years (Fig.22). Ninety-five percent of cases were diagnosed by histology, and the most common cell type was invasive ductal carcinoma, accounting for 87.3%. Twenty-one percent were diagnosed in early-localized stage, 16.6% had regional lymph node metastasis, and 10.1% had distant metastasis. The most common metastasis site was lymph nodes (34.1%), followed by bone (18.3%), and lung (18.3%). For the mortality cases, seventeen percent died in the same year of diagnosis and 32.1% died after 3 years of diagnosis.

Incidence

	females
New cases	791
Sex ratio	79
Median age at diagnosis	48
Age standardized incidence rate	21.3
Cumulative risk (0-74)	2.19
Estimated life time risk	1 in 46

Mortality

	females
Death cases	246
Sex ratio	35
Median age at death	53
Age standardized mortality rate	6.9
Cumulative risk (0-74)	0.76

Cell type

Cell type	females	%
Invasive ductal carcinoma	691	87.3
Mucinous adenocarcinoma	15	2.0
Lobular carcinoma	12	1.5
Medullary carcinoma	10	1.2
Papillary carcinoma	4	0.5
Phyllodes	6	0.7
Others	16	2.1
Clinical diagnosis	37	4.6
All	791	

Stage

Stage	cases	%
Localized	168	21.2
Local extension	387	48.9
Regional nodes met.	131	16.6
Distant metastasis	80	10.1
Unknown/not stage	25	3.2
All	791	

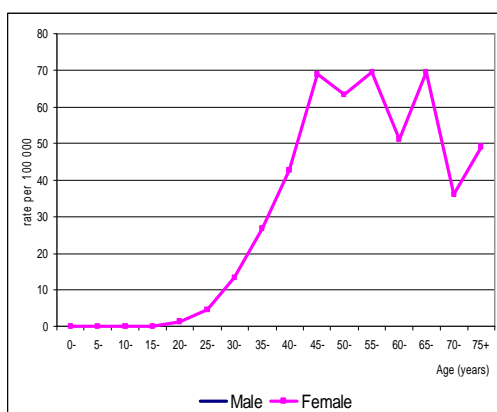


Fig. 22: Age specific incidence rate (C50)

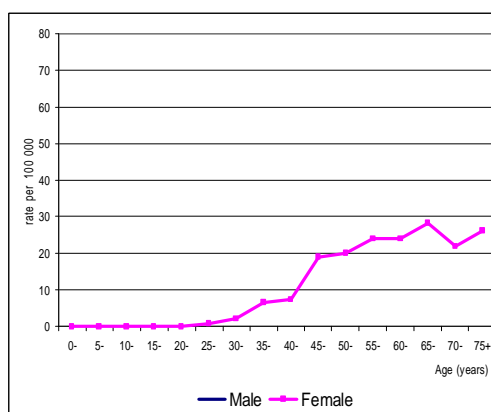


Fig. 23: Age specific mortality rate (C50)

Nasopharynx Cancer (ICD-10 C1)

There were 152 new cases of nasopharyngeal cancer (1.5% of new cancer cases), ranking the 10th for males and the 19th for females (Table 1). The age standardized incidence rate was 3.3 per 10⁵ for males and 1.2 for females. For males, the incidence decreased from 4.1 in the year 2000 to 2.8 in the year 2003 and for females the incidence decreased from 1.6 in the year 2000 to 1.1 in the year 2003. There were 85 cases of nasopharyngeal cancer deaths in the same period (1.3% of all cancer deaths).

Nasopharynx cancer was the most common pharyngeal cancer. It was more common in males than females in all age groups. The incidence increased after age 35 to a maximum in the age group 65-69 years for males, and 60-64 years for females (Fig.24). Ninety-one percent of cases were histologically verified. The most common cell type was squamous cell carcinoma (62.5%), followed by undifferentiated carcinoma (28.9%). Only 8.6% were diagnosed to be at a localized stage, 46.1 percent had regional node metastasis, and 19.7 percent had distant metastasis. The metastatic sites were distant lymph nodes in 15 cases, bone in 4 cases, and lung in 4 cases.

Incidence

	males	females
New cases	109	43
Sex ratio	2.5	1
Median age at diagnosis	50	47
Age standardized incidence rate	3.3	1.2
Cumulative risk (0-74)	0.34	0.13
Estimated life time risk	1 in 294	1 in 769

Mortality

	males	females
Death cases	36	5
Sex ratio	7	1
Median age at death	55	64
Age standardized mortality rate	1.9	0.7
Cumulative risk (0-74)	0.24	0.09

Cell type

	males	females	both	%
Squamous cell CA.	69	26	95	62.5
Undiff. carcinoma	31	13	44	28.9
Clinical diagnosis	9	4	13	8.6
All	109	43	152	

Stage

	cases	%
Localized	13	8.6
Local extension	29	19.1
Regional nodes met.	70	46.1
Distant metastasis	30	19.7
Unknown/not stage	10	6.6
All	152	

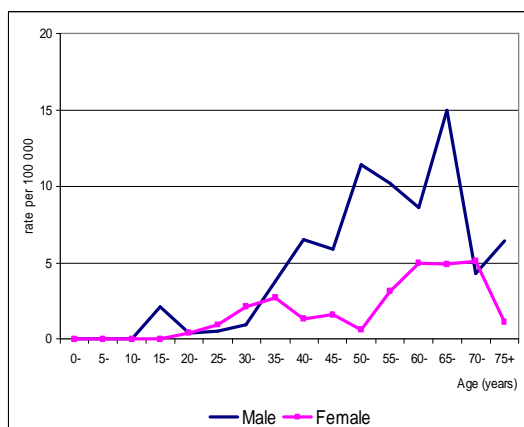


Fig. 24: Age specific incidence rate (CI)

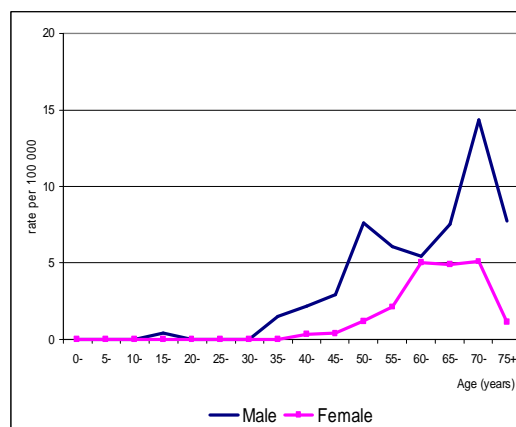


Fig. 25: Age specific mortality rate (CM)

Rectum Cancer (ICD-10 C19-21)

There were 289 new cases of rectum cancer (2.8% of new cancer cases), ranking 8th for males and 10th for females (Table 1). The age-standardized incidence rate was 4.5 per 10⁵ for males and 3.9 for females. For males, the incidence increased from 4.1 in the year 2000 to 4.8 in the year 2003 and for females the incidence increased from 3.5 in the year 2000 to 4.5 in 2001 and decreased to 3.3 in the year 2003. There were 168 cases of rectum cancer deaths in the same period (2.5% of all cancer deaths).

The incidence of rectum cancer increased after the age of 40. The incidence of rectum cancer in females was slightly greater than in males in the age group 40-54 and it was more common in males than females after the age of 55 (Fig.26). Seventy percent were diagnosed in localized and local extension stage, 6.9% with regional lymph node metastasis, and 19.0% with distant metastasis. The most common site of metastasis was omentum/peritoneum (40.0%), followed by liver (32.7%), and distant lymph nodes (10.9%). Adenocarcinoma was the most common cell type accounting for 86.2%. Thirty-two percent of mortality cases died in the year of diagnosis and 85.1% died within two years after diagnosis.

Incidence

	males	females
New cases	147	142
Sex ratio	1	1
Median age at diagnosis	63	61
Age standardized incidence rate	4.5	3.9
Cumulative risk (0-74)	0.52	0.47
Estimated life time risk	1 in 192	1 in 212

Mortality

	males	females
Death cases	93	75
Sex ratio	1.2	1
Median age at death	63	64
Age standardized mortality rate	2.9	2.0
Cumulative risk (0-74)	0.31	0.22

Cell type

Cell type	male	females	both	%
Adenocarcinoma	128	121	249	86.2
Sarcoma	0	1	1	0.3
Others	3	6	9	3.1
Clinical diagnosis	16	14	30	10.4
All	147	142	289	

Stage

Stage	cases	%
Localized	78	27.0
Local extension	124	42.9
Regional nodes met.	20	6.9
Distant metastasis	55	19.0
Unknown/not stage	12	4.2
All	289	100.0

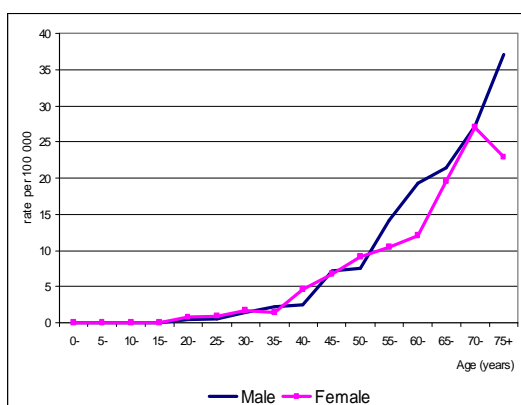


Fig. 26: Age specific incidence rate (C19-21)

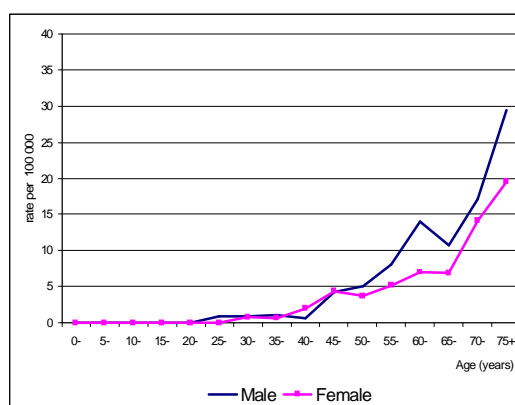


Fig. 27: Age specific mortality rate (C19-21)

COMPLETENESS AND QUALITY OF DATA

Completeness is the proportion of all incident cancer cases in the registry population, that have been included in the registry database. Completeness should as close to 100% as possible. It was the aim of the Chiang Mai Cancer Registry to register all cancer cases in Chiang Mai province. Completeness of registration can only be measured indirectly. It was monitored routinely as part of quality control procedures of the registry. The following indices of completeness were used at the Chiang Mai cancer registry and are showed in Table 8 and Table 9.

- (1) Histologically verified cases
- (2) Mortality/Incidence (M/I) ratio
- (3) Death certificate only cases

Histologically verified cases

Histologically verified (HV%) cases were those with pathological verification of diagnosis. This was generally taken to indicate the validity of the data. Histology verified 66.3% cases for males, and 78.2% cases for females. The low HV% (less than 50%) were found in liver, pancreas and nervous system cancers.

Mortality/Incidence(M/I) ratio

The M/I ratio is an index of survival of the patients with cancer. When the quality of the mortality data is good, the M/I ratio is related to case fatality (1-survival). However, when mortality statistics are of poorer quality (incomplete certification, inaccurate cause of death statements) the relation will be less close. The distributions of M/I ratio among the various sites are shown in Table 8 and Table 9.

Death certificate only cases

A death certificate only (DCO) case is one without cancer information available other than that stated in the death certificate. It indirectly indicates how many cancer cases were missed in registration because of no information during their lifetime. From 2000 to 2003, nine hundred and ninety three cases (9.8%) were diagnosed by death certificate only. The age of DCO cases ranged from 12 to 95 years and the median age at death was 60 years.

Table 8: Indices of quality control of cancer data in Chiang Mai, 2000- 2003, males

CANCER / SITE	Cases	%DCO	%HV	%MV	M/I ratio	ICD (10th)
Lip	6	-	100.0	100.0	83.3	C00
Tongue	51	2.0	98.0	98.0	64.7	C01-C02
Salivary gland	15	-	80.0	80.0	60.0	C07-C08
Mouth	53	-	96.2	96.2	73.6	C03-C06
Oropharynx	44	-	95.5	95.5	81.8	C09-C10
Nasopharynx	109	0.9	93.6	93.6	58.7	C11
Hypopharynx	32	-	93.8	93.8	100.0	C12-C13
Pharynx unspec.	2	-	100.0	100.0	200.0	C14
Oesophagus	51	2.0	76.5	76.5	94.1	C15
Stomach	202	2.0	89.1	88.1	71.3	C16
Small intestine	13	-	84.6	84.6	61.5	C17
Colon	165	1.2	83.0	82.4	50.9	C18
Rectum	147	-	89.8	89.8	63.3	C19-C21
Liver	709	7.1	34.4	33.3	84.5	C22
Gallbladder etc.	57	10.5	63.2	63.2	66.7	C23-C24
Pancreas	46	4.3	34.8	34.8	97.8	C25
Nose, sinuses etc.	19	-	89.5	89.5	73.7	C30-C31
Larynx	68	-	86.8	86.8	79.4	C32
Bronchus, lung	1080	4.4	65.1	58.1	85.0	C33-C34
Other Thoracic organs	7	-	85.7	71.4	100.0	C37-C38
Bone	17	17.6	82.4	82.4	82.4	C40-C41
Connective tissue	28	-	92.9	92.9	42.9	C47;C49
Mesothelioma	0	-	-	-	-	C45
Kaposi's sarcoma	3	-	100.0	100.0	33.3	C46
Melanoma of skin	20	-	100.0	100.0	65.0	C43
Other skin	130	1.5	96.9	96.9	30.0	C44
Breast	10	-	100.0	100.0	70.0	C50
Prostate	190	0.5	89.5	88.4	46.8	C61
Testis	23	-	87.0	87.0	60.9	C62
Penis	53	-	96.2	96.2	50.9	C60
Other male genital	1	-	100.0	100.0	100.0	C63
Bladder	162	0.6	95.1	95.1	61.7	C67
Kidney etc.	59	1.7	83.1	83.1	62.7	C64-C66;C68
Eye	15	-	80.0	80.0	33.3	C69
Brain, nervous system	51	11.8	52.9	52.9	78.4	C70-C72
Thyroid	35	-	100.0	97.1	42.9	C73
Other endocrine	4	-	50.0	50.0	25.0	C74-C75
Hodgkin's disease	24	-	100.0	95.8	83.3	C81
Non-Hodgkin lymphoma	214	-	100.0	98.6	70.6	C82-C85;C96
Multiple myeloma	19	-	100.0	42.1	68.4	C88;C90
Lymphoid leukaemia	33	-	100.0	36.4	51.5	C91
Myeloid leukaemia	74	-	100.0	50.0	78.4	C92
Monocytic leukaemia	4	-	100.0	25.0	75.0	C93
Other leukaemia	0	-	-	-	-	C94
Leukaemia unspec.	13	7.7	92.3	7.7	61.5	C95
Other & unspecified	664	63.7	23.6	23.0	93.7	
All sites	4722	11.7	66.3	62.5	75.8	

%DCO *Percentage of cases with diagnosis based on death certificate only*

%HV *Percentage of cases with histological verification of diagnosis (cytology and morphology)*

%MV *Percentage of cases with morphology verification of diagnosis*

M/I ratio *The ratio of deaths to cases registered (percent)*

Table 9: Indices of quality control of cancer data in Chiang Mai, 2000- 2003, females

CANCER / SITE	Cases	%DCO	%HV	%MV	M/I ratio	ICD (10th)
Lip	11	9.1	90.9	90.9	45.5	C00
Tongue	25	-	96.0	96.0	64.0	C01-C02
Salivary gland	12	-	91.7	91.7	50.0	C07-C08
Mouth	34	-	100.0	100.0	70.6	C03-C06
Oropharynx	10	-	90.0	90.0	50.0	C09-C10
Nasopharynx	43	4.7	93.0	93.0	48.8	C11
Hypopharynx	14	-	92.9	92.9	50.0	C12-C13
Pharynx unspec.	1	-	100.0	100.0	100.0	C14
Oesophagus	24	-	62.5	62.5	83.3	C15
Stomach	156	0.6	85.9	85.3	75.6	C16
Small intestine	12	-	91.7	91.7	75.0	C17
Colon	179	-	89.4	89.4	43.0	C18
Rectum	142	-	92.3	92.3	52.8	C19-C21
Liver	297	7.1	35.0	33.7	78.1	C22
Gallbladder etc.	83	3.6	67.5	67.5	86.7	C23-C24
Pancreas	55	7.3	40.0	40.0	90.9	C25
Nose, sinuses etc.	12	-	91.7	83.3	33.3	C30-C31
Larynx	15	-	80.0	80.0	73.3	C32
Bronchus, lung	842	4.4	62.9	56.3	81.9	C33-C34
Other Thoracic organs	6	-	100.0	100.0	-	C37-C38
Bone	15	13.3	73.3	73.3	60.0	C40-C41
Connective tissue	16	-	100.0	100.0	43.8	C47;C49
Mesothelioma	-	-	-	-	-	C45
Kaposi's sarcoma	1	-	100.0	100.0	-	C46
Melanoma of skin	9	-	100.0	100.0	66.7	C43
Other skin	117	-	100.0	100.0	30.8	C44
Breast	791	0.4	96.6	94.3	31.1	C50
Uterus unspec.	6	-	100.0	100.0	33.3	C55
Cervix uteri	968	0.7	96.7	96.4	38.6	C53
Placenta	11	-	63.6	63.6	36.4	C58
Corpus uteri	110	2.7	95.5	93.6	32.7	C54
Ovary etc.	182	1.1	90.7	89.6	37.9	C56
Other female genital	61	-	98.4	98.4	60.7	C51-C52;C57
Bladder	81	-	84.0	84.0	54.3	C67
Kidney etc.	38	-	73.7	73.7	57.9	C64-C66;C68
Eye	4	-	75.0	75.0	-	C69
Brain, nervous system	60	11.7	33.3	33.3	50.0	C70-C72
Thyroid	151	-	96.7	90.7	20.5	C73
Other endocrine	2	-	100.0	100.0	50.0	C74-C75
Hodgkin's disease	16	-	100.0	100.0	31.3	C81
Non-Hodgkin lymphoma	148	-	100.0	96.6	55.4	C82-C85;C96
Multiple myeloma	18	-	100.0	38.9	66.7	C88;C90
Lymphoid leukaemia	32	-	100.0	34.4	43.8	C91
Myeloid leukaemia	79	-	100.0	38.0	72.2	C92
Monocytic leukaemia	3	-	100.0	100.0	33.3	C93
Other leukaemia	1	-	100.0	-	-	C94
Leukaemia unspec.	11	9.1	90.9	18.2	36.4	C95
Other & unspecified	556	62.2	29.1	27.2	92.4	
All sites	5460	8.1	78.2	74.5	56.5	

Table 10: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2000-2003, MALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	6	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	3	0.1	C00
Tongue	51	0	0	0	0	0	1	0	2	1	2	2	5	5	8	4	9	12	1.1	C01-C02
Salivary gland	15	0	0	0	1	0	0	2	1	0	0	3	1	1	1	1	3	1	0.3	C07-C08
Mouth	53	0	0	0	0	0	0	0	0	0	3	5	4	7	2	10	6	16	1.1	C03-C06
Oropharynx	44	0	0	0	0	0	0	1	1	0	2	2	5	6	4	4	7	12	0.9	C09-C10
Nasopharynx	109	0	0	0	0	5	1	1	2	10	18	14	18	10	8	14	3	5	2.3	C11
Hypopharynx	32	0	0	0	0	0	0	0	0	0	1	4	3	3	1	1	7	12	0.7	C12-C13
Pharynx unspec.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.0	C14
Esophagus	51	0	0	0	0	0	0	0	0	0	0	3	5	6	4	8	9	16	1.1	C15
Stomach	202	0	0	0	0	3	1	2	7	5	11	20	21	23	21	32	27	29	4.3	C16
Small intestine	13	0	0	0	0	1	0	0	1	0	2	0	0	1	2	2	2	2	0.3	C17
Colon	165	0	0	0	1	1	2	1	4	8	9	16	22	10	17	21	28	25	3.5	C18
Rectum	147	0	0	0	0	0	1	1	3	6	7	17	12	14	18	20	19	29	3.1	C19-C21
Liver	709	1	0	1	0	2	1	1	15	28	69	104	95	67	86	80	88	71	15.0	C22
Gallbladder etc.	57	0	0	0	0	0	0	0	1	1	5	4	5	6	8	8	13	6	1.2	C23-C24
Pancreas	46	0	0	0	0	0	0	0	0	1	2	8	4	4	8	5	9	5	1.0	C25
Nose, sinuses etc	19	0	0	0	0	0	1	1	0	1	0	2	2	3	2	1	2	4	0.4	C30-C31
Larynx	68	0	0	0	0	0	0	0	0	1	1	2	4	4	8	12	15	21	1.4	C32
Bronchus, lung	1080	0	0	0	0	1	1	3	4	13	37	56	95	121	159	212	190	188	22.9	C33-C34
Other Thoracic organs	7	0	1	0	0	0	3	0	0	1	1	0	0	0	0	0	1	0	0.1	C37-C38
Bone	17	0	0	1	4	2	4	0	0	0	0	0	1	0	0	2	0	3	0.4	C40-C41
Connective tissue	28	0	0	0	0	0	3	1	3	3	1	2	3	1	2	5	1	3	0.6	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	3	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0.1	C46
Melanoma of skin	20	0	0	0	0	0	0	0	0	1	1	2	1	3	3	1	4	4	0.4	C43
Other skin	130	0	0	0	0	0	4	1	1	1	5	6	12	10	15	18	21	36	2.8	C44
Breast	10	0	0	0	0	0	1	0	0	1	0	0	1	0	1	2	1	3	0.2	C50
Prostate	190	0	0	0	0	0	0	0	1	0	0	1	0	2	15	32	43	96	4.0	C61
Testis	23	0	1	0	0	1	0	3	1	4	2	6	1	0	0	3	1	0	0.5	C62
Penis	53	0	0	0	0	0	0	1	2	3	5	9	1	3	6	3	11	9	1.1	C60
Other male genital	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.0	C63
Bladder	162	0	0	0	0	0	0	0	0	4	5	12	9	7	14	29	35	47	3.4	C67
Kidney etc.	59	0	3	0	0	0	1	1	0	3	6	1	6	6	12	7	7	6	1.2	C64-C66;C68
Eye	15	0	5	0	0	0	0	0	1	0	3	0	0	0	0	1	1	4	0.3	C69
Brain, nervous system	51	0	2	4	3	1	4	0	9	3	3	1	5	3	2	5	3	3	1.1	C70-C72
Thyroid	35	0	0	0	1	0	3	0	3	2	1	6	4	1	5	4	3	2	0.7	C73
Other endocrine	4	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C74-C75
Hodgkin's disease	24	0	2	0	2	1	0	1	1	2	2	1	0	0	2	4	3	3	0.5	C81
Non-Hodgkin lymphoma	214	0	0	2	3	10	3	4	13	12	17	21	27	13	18	19	31	21	4.5	C82-C85;C96
Multiple myeloma	19	0	0	0	0	0	0	0	0	1	3	2	3	0	3	2	2	3	0.4	C88;C90
Lymphoid leukaemia	33	0	4	8	5	2	3	1	3	0	1	0	0	1	0	1	2	2	0.7	C91
Myeloid leukaemia	74	0	3	1	3	1	4	3	1	8	2	10	8	6	4	4	7	9	1.6	C92
Monocytic leukaemia	4	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1	0.1	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	13	0	1	0	0	2	0	0	1	0	2	1	1	1	1	1	2	0	0.3	C95
Other & unspecifec	664	1	1	0	3	4	4	14	32	37	53	57	68	65	75	94	75	81	14.1	
All sites	4722	2	23	17	29	37	47	46	114	161	284	400	453	414	536	672	692	795	100.0	

Table 11: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2000-2003, FEMALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)	
Lip	11	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	3	0.2	C00	
Tongue	25	0	0	0	0	0	0	1	1	1	1	1	4	3	0	5	2	4	3	0.5	C01-C02
Salivary gland	12	0	0	0	0	0	1	0	1	0	2	2	2	1	1	0	0	2	0.2	C07-C08	
Mouth	34	0	0	0	0	0	0	0	0	1	3	0	4	2	1	5	2	16	0.6	C03-C06	
Oropharynx	10	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	2	3	0.2	C09-C10	
Nasopharynx	43	0	0	0	0	0	1	2	5	8	4	4	1	3	5	5	4	1	0.8	C11	
Hypopharynx	14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	4	0.3	C12-C13	
Pharynx unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	C14	
Esophagus	24	0	0	0	0	0	0	0	0	1	1	1	1	0	3	5	6	7	0.4	C15	
Stomach	156	0	0	0	0	0	2	6	6	9	12	14	11	12	15	23	26	20	2.9	C16	
Small intestine	12	0	0	0	0	0	0	0	1	0	1	0	1	2	1	3	2	1	0.2	C17	
Colon	179	0	0	1	0	1	1	3	3	13	12	20	23	12	23	20	23	24	3.3	C18	
Rectum	142	0	0	0	0	0	2	2	4	4	14	17	15	10	12	20	21	21	2.6	C19-C21	
Liver	297	0	1	0	0	2	0	5	6	12	12	31	39	26	31	42	43	47	5.4	C22	
Gallbladder etc.	83	0	0	0	0	0	0	0	0	2	0	6	9	5	13	14	13	21	1.5	C23-C24	
Pancreas	55	0	0	0	0	0	0	0	0	0	1	5	5	5	6	11	14	8	1.0	C25	
Nose, sinuses etc	12	0	0	0	1	1	0	0	1	0	0	2	1	1	3	1	1	0	0.2	C30-C31	
Larynx	15	0	0	0	0	0	0	1	0	0	0	1	1	1	2	1	5	3	0.3	C32	
Bronchus, lung	842	0	0	1	0	0	0	2	8	9	21	43	91	68	132	186	145	136	15.4	C33-C34	
Other Thoracic organs	6	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	2	0	0.1	C37-C38	
Bone	15	0	0	0	2	1	0	1	2	1	2	2	1	0	0	0	2	1	0.3	C40-C41	
Connective tissue	16	0	1	1	1	2	1	3	0	0	1	2	1	0	0	1	0	2	0.3	C47-C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46	
Melanoma of skin	9	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	3	0	0.2	C43	
Other skin	117	0	0	0	1	0	0	0	3	3	3	13	7	2	15	17	19	34	2.1	C44	
Breast	791	0	0	0	0	0	3	10	32	79	127	174	104	67	51	71	28	45	14.5	C50	
Uterus unspec.	6	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	2	0.1	C55	
Cervix uteri	968	0	0	0	0	0	4	19	41	118	204	175	100	86	60	75	51	35	17.7	C53	
Placenta	11	0	0	0	0	0	3	2	2	1	2	1	0	0	0	0	0	0	0.2	C58	
Corpus uteri	110	0	0	0	0	1	0	2	5	4	19	16	15	18	13	9	8	2.0	C54		
Ovary etc.	182	0	0	0	2	4	5	5	6	24	21	30	28	14	19	12	9	3	3.3	C56	
Other female genital	61	0	0	0	0	1	1	4	0	6	6	7	4	2	9	7	14	1.1	C51-C52;C57		
Bladder	81	0	0	0	0	0	0	0	2	0	1	7	4	5	8	14	13	27	1.5	C67	
Kidney etc.	38	0	2	0	0	0	0	0	0	1	1	3	5	3	6	7	0	10	0.7	C64-C66;C68	
Eye	4	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0.1	C69	
Brain, nervous system	60	0	2	5	2	2	2	0	4	6	7	5	8	4	7	3	2	1	1.1	C70-C72	
Thyroid	151	0	0	0	0	2	10	7	17	13	17	21	14	7	11	9	9	14	2.8	C73	
Other endocrine	2	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0.0	C74-C75	
Hodgkin's disease	16	0	0	0	0	1	1	2	0	0	2	4	2	0	2	1	1	0	0.3	C81	
Non-Hodgkin lymphoma	148	0	1	2	2	3	1	6	5	14	13	14	16	18	12	9	19	13	2.7	C82-C85;C96	
Multiple myeloma	18	0	0	0	0	0	0	0	1	0	1	3	1	2	2	4	3	1	0.3	C88;C90	
Lymphoid leukaemia	32	0	6	6	5	2	3	0	1	2	1	1	1	0	2	1	1	0	0.6	C91	
Myeloid leukaemia	79	0	0	0	2	8	4	2	4	10	7	5	8	4	2	11	7	5	1.4	C92	
Monocytic leukaemia	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0.1	C93	
Other leukaemia	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.0	C94	
Leukaemia unspec.	11	0	1	0	0	0	1	0	1	1	2	0	2	0	0	1	0	2	0.2	C95	
Other & unspecified	556	0	3	2	1	1	5	16	22	31	35	46	38	45	71	84	82	74	10.2		
All sites	5460	0	19	19	20	30	52	97	188	369	543	688	572	426	546	690	588	613	100.0		

Table 12: CANCER INCIDENCE, CHIANGMAI 2000-2003

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Ages	Age																	Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)	
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+							
Lip	6	0	-	-	-	-	-	-	-	-	0.4	-	-	1	1.1	-	-	3.8	0.2	0.1	0.012	0.012	0.2	C00	
Tongue	51	0	-	-	-	-	0.4	-	0.9	0.4	0.7	0.8	3.2	5.1	8.6	4.3	12.9	15.3	1.8	1.1	0.10	0.19	1.6	C01-C02	
Salivary gland	15	0	-	-	0.5	-	-	0.9	0.5	-	-	1.3	0.6	1	1.1	1.1	4.3	1.3	0.5	0.3	0.03	0.05	0.5	C07-C08	
Mouth	53	0	-	-	-	-	-	-	-	-	1.1	2.1	2.5	7.1	2.2	10.7	8.6	20.5	1.8	1.1	0.07	0.17	1.6	C03-C06	
Oropharynx	44	0	-	-	-	-	-	0.5	0.5	-	0.7	0.8	3.2	6.1	4.3	4.3	10	15.3	1.5	0.9	0.08	0.15	1.4	C09-C10	
Nasopharynx	109	0	-	-	-	2.1	0.4	0.5	0.9	3.8	6.5	5.9	11.4	10.2	8.6	15	4.3	6.4	3.7	2.3	0.25	0.34	3.3	C11	
Hypopharynx	32	0	-	-	-	-	-	-	-	-	0.4	1.7	1.9	3	1.1	1.1	10	15.3	1.1	0.7	0.04	0.10	0.9	C12-C13	
Pharynx unspec.	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	1.3	0.1	0.0	0.00	0.01	0.1	C14	
Oesophagus	51	0	-	-	-	-	-	-	-	-	-	1.3	3.2	6.1	4.3	8.6	12.9	20.5	1.8	1.1	0.07	0.18	1.6	C15	
Stomach	202	0	-	-	-	1.2	0.4	0.9	3.2	1.9	4	8.4	13.2	23.4	22.6	34.4	38.6	37.1	6.9	4.3	0.39	0.75	6.3	C16	
Small intestine	13	0	-	-	-	0.4	-	-	0.5	-	0.7	-	-	1	2.2	2.1	2.9	2.6	0.4	0.3	0.02	0.05	0.4	C17	
Colon	165	0	-	-	0.5	0.4	0.8	0.5	1.8	3	3.2	6.7	13.9	10.2	18.3	22.6	40	32	5.7	3.5	0.29	0.61	5.0	C18	
Rectum	147	0	-	-	-	-	0.4	0.5	1.4	2.3	2.5	7.1	7.6	14.2	19.4	21.5	27.2	37.1	5.1	3.1	0.27	0.52	4.5	C19-C21	
Liver	709	1	-	0.5	-	0.8	0.4	0.5	6.8	10.5	24.9	43.7	59.9	68.1	92.7	86	125.8	90.8	24.4	15.0	1.53	2.57	21.7	C22	
Gallbladder etc.	57	0	-	-	-	-	-	-	0.5	0.4	1.8	1.7	3.2	6.1	8.6	8.6	18.6	7.7	2	1.2	0.11	0.25	1.8	C23-C24	
Pancreas	46	0	-	-	-	-	-	-	-	0.4	0.7	3.4	2.5	4.1	8.6	5.4	12.9	6.4	1.6	1.0	0.10	0.19	1.4	C25	
Nose, sinuses etc	19	0	-	-	-	-	0.4	0.5	-	0.4	-	0.8	1.3	3	2.2	1.1	2.9	5.1	0.7	0.4	0.04	0.06	0.6	C30-C31	
Larynx	68	0	-	-	-	-	-	-	-	0.4	0.4	0.8	2.5	4.1	8.6	12.9	21.4	26.9	2.3	1.4	0.08	0.26	2.1	C32	
Bronchus, lung	1080	0	-	-	-	0.4	0.4	1.4	1.8	4.9	13.3	23.5	59.9	122.9	171.4	227.8	271.6	240.4	37.1	22.9	1.98	4.39	34.6	C33-C34	
Other Thoracic organs	7	0	0.6	-	-	-	-	-	-	1.2	-	0.4	0.4	-	-	-	-	1.4	-	0.2	0.1	0.01	0.02	0.2	C37-C38
Bone	17	0	-	0.5	1.8	0.8	1.6	-	-	-	-	-	0.6	-	-	-	2.1	-	3.8	0.6	0.4	0.02	0.04	0.6	C40-C41
Connective tissue	28	0	-	-	-	-	-	1.2	0.5	1.4	1.1	0.4	0.8	1.9	1	2.2	5.4	1.4	3.8	1	0.6	0.05	0.08	0.8	C47;C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0.0	C45	
Kaposi's sarcoma	3	0	-	-	-	-	0.4	0.5	-	-	-	-	-	-	-	-	-	1.3	0.1	0.1	0.00	0.00	0.1	C46	
Melanoma of skin	20	0	-	-	-	-	-	-	-	0.4	0.4	0.8	0.6	3	3.2	1.1	5.7	5.1	0.7	0.4	0.04	0.08	0.6	C43	
Other skin	130	0	-	-	-	-	1.6	0.5	0.5	0.4	1.8	2.5	7.6	10.2	16.2	19.3	30	46	4.5	2.8	0.20	0.45	4.0	C44	
Breast	10	0	-	-	-	-	0.4	-	-	0.4	-	-	0.6	-	1.1	2.1	1.4	3.8	0.3	0.2	0.01	0.03	0.3	C50	
Prostate	190	0	-	-	-	-	-	0.5	-	-	0.4	-	-	2	16.2	34.4	61.5	122.8	6.5	4.0	0.10	0.57	5.5	C61	
Testis	23	0	0.6	-	-	0.4	-	1.4	0.5	1.5	0.7	2.5	0.6	-	-	3.2	1.4	-	0.8	0.5	0.04	0.06	0.7	C62	
Penis	53	0	-	-	-	-	-	0.5	0.9	1.1	1.8	3.8	0.6	3	6.5	3.2	15.7	11.5	1.8	1.1	0.09	0.18	1.5	C60	
Other male genital	1	0	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0.0	C63	
Bladder	162	0	-	-	-	-	-	-	-	1.5	1.8	5	5.7	7.1	15.1	31.2	50	60.1	5.6	3.4	0.18	0.59	4.8	C67	
Kidney etc.	59	0	1.7	-	-	-	0.4	0.5	-	1.1	2.2	0.4	3.8	6.1	12.9	7.5	10	7.7	2	1.2	0.14	0.23	2.0	C64-C66;C68	
Eye	15	0	2.9	-	-	-	-	-	0.5	-	1.1	-	-	-	-	1.1	1.4	5.1	0.5	0.3	0.02	0.03	0.6	C69	
Brain, nervous system	51	0	1.2	1.9	1.4	0.4	1.6	-	4.1	1.1	1.1	0.4	3.2	3	2.2	5.4	4.3	3.8	1.8	1.1	0.10	0.16	1.7	C70-C72	
Thyroid	35	0	-	-	0.5	-	1.2	-	1.4	0.8	0.4	2.5	2.5	1	5.4	4.3	4.3	2.6	1.2	0.7	0.07	0.12	1.1	C73	
Other endocrine	4	0	-	-	1.4	-	-	-	-	-	0.4	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C74-C75	
Hodgkin's disease	24	0	1.2	-	0.9	0.4	-	0.5	0.8	0.7	0.4	-	-	-	2.2	4.3	4.3	3.8	0.8	0.5	0.04	0.08	0.8	C81	
Non-Hodgkin lymphoma	214	0	-	0.9	1.4	4.1	1.2	1.9	5.9	4.5	6.1	8.8	17	13.2	19.4	20.4	44.3	26.9	7.4	4.5	0.42	0.73	6.5	C82-C85;C96	
Multiple myeloma	19	0	-	-	-	-	-	-	-	0.4	1.1	0.8	1.9	-	3.2	2.1	2.9	3.8	0.7	0.4	0.04	0.06	0.6	C88;C90	
Lymphoid leukaemia	33	0	2.3	3.7	2.3	0.8	1.2	0.5	1.4	-	0.4	-	-	1	-	1.1	2.9	2.6	1.1	0.7	0.06	0.09	1.3	C91	
Myeloid leukaemia	74	0	1.7	0.5	1.4	0.4	1.6	1.4	0.5	3	0.7	4.2	5	6.1	4.3	4.3	10	11.5	2.5	1.6	0.15	0.22	2.4	C92	
Monocytic leukaemia	4	0	-	-	-	-	-	0.9	-	-	-	-	-	0.6	-	-	-	1.3	0.1	0.1	0.01	0.00	0.1	C93	
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0.0	C94	
Leukaemia unspec.	13	0	0.6	-	-	0.8	-	-	0.5	-	0.7	0.4	0.6	1	1.1	1.1	2.9	-	0.4	0.3	0.03	0.05	0.4	C95	
Other & unclassified	664	1	0.6	0	1.4	1.6	1.6	6.6	14.5	13.9	19.1	23.9	42.9	66	80.8	101	107.2	103.6	22.8	14.1	1.35	2.34	20.5		
All sites	4722	2	13.4	8.0	13.5	15.0	18.8	21.9	52.4	60.8	102.6	167.6	285.7	420.4	577.9	722.1	989.3	1016.7	162.3	100.0	8.329	15.83	147.1		

Table 13: CANCER INCIDENCE, CHIANGMAI 2000-2003

Incidence per 100,000 by Age Group (years) - FEMALES

SITE	All Ages	Age																	Crude		CR	CR	ASR	ICD (10th)
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64	74	(W)	
Lip	11	0	0	0	0	0	0	0	0	0	0	0.6	1	1	2	3.9	3.3	0.4	0.2	0.01	0.04	0.3	C00	
Tongue	25	0	0	0	0	0	0	0.5	0.4	0.3	0.3	1.6	1.8	0	5	2	5.1	3.3	0.8	0.5	0.05	0.08	0.7	C01-C02
Salivary gland	12	0	0	0	0	0	0.4	0	0.4	0	0.7	0.8	1.2	1	1	0	0	2.2	0.4	0.2	0.03	0.03	0.3	C07-C08
Mouth	34	0	0	0	0	0	0	0	0	0.3	1	0	2.4	2.1	1	4.9	2.6	17.4	1.1	0.6	0.03	0.07	0.9	C03-C06
Oropharynx	10	0	0	0	0	0	0	0	0	0	0	1.6	0	0	0	1	2.6	3.3	0.3	0.2	0.01	0.03	0.2	C09-C10
Nasopharynx	43	0	0	0	0	0	0.4	0.9	2.1	2.7	1.3	1.6	0.6	3.1	5	4.9	5.1	1.1	1.4	0.8	0.09	0.13	1.2	C11
Hypopharynx	14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.9	7.7	4.4	0.5	0.3	0.00	0.06	0.4	C12-C13
Pharynx unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.1	0.0	0.0	0.00	0.00	0.0	C14
Esophagus	24	0	0	0	0	0	0	0	0	0.3	0.4	0.6	0	3	4.9	7.7	7.6	0.8	0.4	0.02	0.08	0.6	C15	
Stomach	156	0	0	0	0	0	0.8	2.7	2.5	3.1	4	5.5	6.7	12.5	15.1	22.5	33.4	21.8	5.2	2.9	0.26	0.53	4.4	C16
Small intestine	12	0	0	0	0	0	0	0	0.4	0	0.3	0	0.6	2.1	1	2.9	2.6	1.1	0.4	0.2	0.02	0.05	0.4	C17
Colon	179	0	0	0.5	0	0.4	0.4	1.4	1.2	4.4	4	7.9	14	12.5	23.1	19.6	29.6	26.2	5.9	3.3	0.35	0.59	5.1	C18
Rectum	142	0	0	0	0	0	0.8	0.9	1.7	1.4	4.7	6.7	9.1	10.4	12.1	19.6	27	22.9	4.7	2.6	0.23	0.47	3.9	C19-C21
Liver	297	0	0.6	0	0	0.8	0	2.3	2.5	4.1	4	12.3	23.7	27	31.1	41.1	55.3	51.3	9.9	5.4	0.54	1.01	8.6	C22
Gallbladder etc.	83	0	0	0	0	0	0	0	0	0.7	0	2.4	5.5	5.2	13.1	13.7	16.7	22.9	2.8	1.5	0.13	0.29	2.4	C23-C24
Pancreas	55	0	0	0	0	0	0	0	0	0	0.3	2	3	5.2	6	10.8	18	8.7	1.8	1.0	0.08	0.23	1.6	C25
Nose, sinuses etc	12	0	0	0	0.5	0.4	0	0	0.4	0	0	0.8	0.6	1	3	1	1.3	0	0.4	0.2	0.03	0.04	0.4	C30-C31
Larynx	15	0	0	0	0	0	0	0.5	0	0	0	0.4	0.6	1	2	1	6.4	3.3	0.5	0.3	0.02	0.06	0.4	C32
Bronchus, lung	842	0	0	0.5	0	0	0	0.9	3.3	3.1	7.1	17	55.4	70.6	132.6	181.8	186.4	148.3	28.0	15.4	1.44	3.24	25.0	C33-C34
Other Thoracic organs	6	0	0.6	0	0	0	0	0.5	0	0.3	0	0.4	0	0	0	0	2.6	0	0.2	0.1	0.01	0.02	0.2	C37-C38
Bone	15	0	0	0	1	0.4	0	0.5	0.8	0.3	0.7	0.8	0.6	0	0	0	2.6	1.1	0.5	0.3	0.03	0.04	0.4	C40-C41
Connective tissue	16	0	0.6	0.5	0.5	0.8	0.4	1.4	0	0	0.3	0.8	0.6	0	0	1	0	2.2	0.5	0.3	0.03	0.03	0.6	C47-C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C45
Kaposi's sarcoma	1	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C46
Melanoma of skin	9	0	0	0	0	0	0	0	0	0	0.3	0.4	0	0	2	2	3.9	0	0.3	0.2	0.01	0.04	0.3	C43
Other skin	117	0	0	0	0.5	0	0	0	1.2	1	1	5.1	4.3	2.1	15.1	16.6	24.4	37.1	3.9	2.1	0.15	0.36	3.2	C44
Breast	791	0	0	0	0	0	1.2	4.6	13.3	26.8	42.7	68.8	63.3	69.5	51.2	69.4	36	49.1	26.3	14.5	1.69	2.19	21.3	C50
Uterus unspec.	6	0	0	0	0	0	0	0	0	0	0	0.4	0.6	0	0	2	0	2.2	0.2	0.1	0.00	0.01	0.2	C55
Cervix uteri	968	0	0	0	0	0	1.6	8.7	17	40.1	68.6	69.2	60.9	89.2	60.3	73.3	65.6	38.2	32.1	17.7	2.05	2.69	25.8	C53
Placenta	11	0	0	0	0	0	1.2	0.9	0.8	0.3	0.7	0.4	0	0	0	0	0	0	0.4	0.2	0.02	0.02	0.3	C58
Corpus uteri	110	0	0	0	0	0	0.4	0	0.8	1.7	1.3	7.5	9.7	15.6	18.1	12.7	11.6	8.7	3.7	2.0	0.27	0.40	3.3	C54
Ovary etc.	182	0	0	0	1	1.7	1.9	2.3	2.5	8.2	7.1	11.9	17	14.5	19.1	11.7	11.6	3.3	6.0	3.3	0.43	0.54	5.2	C56
Other female genital	61	0	0	0	0	0.4	0.5	1.7	0	2	2.4	4.3	4.2	2	8.8	9	15.3	2.0	1.1	0.09	0.17	1.6	C51-C52;C57	
Bladder	81	0	0	0	0	0	0	0	0.8	0	0.3	2.8	2.4	5.2	8	13.7	16.7	29.4	2.7	1.5	0.10	0.25	2.2	C67
Kidney etc.	38	0	1.2	0	0	0	0	0	0	0.3	0.3	1.2	3	3.1	6	6.8	0	10.9	1.3	0.7	0.08	0.11	1.2	C64-C66;C68
Eye	4	0	0.6	0	0	0	0	0	0.8	0	0	0	0	0	0	0	0	1.1	0.1	0.1	0.01	0.01	0.1	C69
Brain, nervous system	60	0	1.2	2.5	1	0.8	0.8	0	1.7	2	2.4	2	4.9	4.2	7	2.9	2.6	1.1	2.0	1.1	0.15	0.18	1.9	C70-C72
Thyroid	151	0	0	0	0	0.8	3.9	3.2	7.1	4.4	5.7	8.3	8.5	7.3	11.1	8.8	11.6	15.3	5.0	2.8	0.28	0.39	4.1	C73
Other endocrine	2	0	0	0	0.5	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.1	0.0	0.00	0.00	0.1	C74-C75
Hodgkin's disease	16	0	0	0	0	0.4	0.4	0.9	0	0	0.7	1.6	1.2	0	2	1	1.3	0	0.5	0.3	0.03	0.04	0.5	C81
Non-Hodgkin lymphoma	148	0	0.6	1	1	1.2	0.4	2.7	2.1	4.8	4.4	5.5	9.7	18.7	12.1	8.8	24.4	14.2	4.9	2.7	0.32	0.47	4.4	C82-C85;C96
Multiple myeloma	18	0	0	0	0	0	0	0	0.4	0	0.3	1.2	0.6	2.1	2	3.9	3.9	1.1	0.6	0.3	0.03	0.07	0.5	C88;C90
Lymphoid leukaemia	32	0	3.7	2.9	2.4	0.8	1.2	0	0.4	0.7	0.3	0.4	0.6	0	2	1	1.3	0	1.1	0.6	0.07	0.09	1.4	C91
Myeloid leukaemia	79	0	0	0	1	3.3	1.6	0.9	1.7	3.4	2.4	2	4.9	4.2	2	10.8	9	5.5	2.6	1.4	0.13	0.23	2.2	C92
Monocytic leukaemia	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1.3	0	0.1	0.1	0.01	0.02	0.1	C93
Other leukaemia	1	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C94
Leukaemia unspec.	11	0	0.6	0	0	0	0.4	0	0.4	0.3	0.7	0	1.2	0	0	1	0	2.2	0.4	0.2	0.02	0.02	0.3	C95
Other & unclassified	556	0	1.8	1	0.5	0.4	1.9	7.3	9.1	10.5	11.8	18.2	23.1	46.7	71.3	82.1	105.4	80.7	18.5	10.2	1.00	1.90	16.2	
All sites	5460	0	11.5	9.4	9.9	12.2	20.5	44.5	77.9	125.2	182.3	272.3	347.8	442.3	548.4	674.9	756.2	668.9	181.3	100.0	9.89	16.02	154.7	

Table 14: NUMBER OF CANCER DEATHS IN CHIANGMAI 2000-2003, MALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	0.1	C00
Tongue	33	0	0	0	0	0	0	0	0	2	1	1	3	1	5	4	9	7	0.9	C01-C02
Salivary gland	9	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	3	1	0.3	C07-C08
Mouth	39	0	0	0	0	0	0	0	0	0	2	5	1	4	1	5	7	14	1.1	C03-C06
Oropharynx	36	0	0	0	0	0	0	0	0	0	1	1	4	6	3	4	4	13	1.0	C09-C10
Nasopharynx	64	0	0	0	0	1	0	0	0	4	6	7	12	6	5	7	10	6	1.8	C11
Hypopharynx	32	0	0	0	0	0	0	0	0	0	1	2	2	2	1	5	4	15	0.9	C12-C13
Pharynx unspec.	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0.1	C14
Esophagus	48	0	0	0	0	0	0	0	0	0	0	4	4	5	5	6	9	15	1.3	C15
Stomach	144	0	0	0	0	3	1	1	5	4	6	18	11	15	12	23	22	23	4.0	C16
Small intestine	8	0	0	0	0	0	0	0	1	0	1	0	0	0	3	0	2	1	0.2	C17
Colon	84	0	0	0	2	1	1	0	2	2	2	5	7	8	3	10	21	20	2.3	C18
Rectum	93	0	0	0	0	0	0	2	2	3	2	10	8	8	13	10	12	23	2.6	C19-C21
Liver	599	1	0	0	0	1	0	0	9	24	57	83	77	61	70	71	79	66	16.7	C22
Gallbladder etc.	38	0	0	0	0	0	0	0	0	0	2	1	3	3	5	8	8	8	1.1	C23-C24
Pancreas	45	0	0	0	0	0	0	0	0	0	2	8	3	5	6	7	9	5	1.3	C25
Nose, sinuses etc	14	0	0	0	0	0	1	0	0	0	0	1	2	3	2	1	0	4	0.4	C30-C31
Larynx	54	0	0	0	0	0	0	0	0	0	1	2	2	4	3	7	12	23	1.5	C32
Bronchus, lung	918	0	0	0	0	1	1	2	5	9	31	46	76	90	143	173	166	175	25.6	C33-C34
Other Thoracic organs	7	0	1	0	1	0	2	0	0	0	2	0	0	0	0	0	0	1	0.2	C37-C38
Bone	14	0	0	2	2	2	2	1	0	0	0	0	1	0	0	2	0	2	0.4	C40-C41
Connective tissue	12	0	0	0	0	0	0	1	0	0	1	1	1	1	1	2	2	2	0.3	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.0	C46
Melanoma of skin	13	0	0	0	0	0	0	0	0	0	2	2	0	3	1	1	1	3	0.4	C43
Other skin	39	1	0	0	0	0	0	0	0	0	0	1	1	2	4	6	12	12	1.1	C44
Breast	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	3	0.2	C50
Prostate	89	0	0	0	0	0	0	0	0	0	0	0	1	4	6	14	10	54	2.5	C61
Testis	14	0	0	0	0	0	0	0	0	3	1	3	0	0	0	3	3	1	0.4	C62
Penis	27	0	0	0	0	0	0	0	0	4	3	1	2	0	2	2	7	6	0.8	C60
Other male genital	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.0	C63
Bladder	100	0	0	0	0	0	0	0	0	0	2	4	3	4	12	19	27	29	2.8	C67
Kidney etc.	37	0	1	0	0	0	0	2	0	1	2	2	2	3	11	5	4	4	1.0	C64-C66;C68
Eye	5	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	0.1	C69
Brain, nervous system	40	0	1	0	3	2	1	1	7	2	3	1	4	2	2	4	4	3	1.1	C70-C72
Thyroid	15	0	0	0	0	0	0	0	0	0	1	2	0	0	4	3	3	2	0.4	C73
Other endocrine	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.0	C74-C75
Hodgkin's disease	20	0	0	0	0	1	0	0	1	2	3	1	1	0	0	3	2	6	0.6	C81
Non-Hodgkin lymphoma	151	0	2	0	2	5	0	4	7	9	13	13	13	11	12	17	25	18	4.2	C82-C85;C96
Multiple myeloma	13	0	0	0	0	0	0	0	1	0	3	1	1	0	2	1	2	2	0.4	C88;C90
Lymphoid leukaemia	17	0	2	1	1	2	3	0	2	0	1	0	0	0	0	0	2	3	0.5	C91
Myeloid leukaemia	58	0	2	1	4	1	3	2	0	7	2	6	5	6	4	4	2	9	1.6	C92
Monocytic leukaemia	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0.1	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	8	0	1	0	0	1	0	1	0	0	1	1	1	0	0	1	1	0	0.2	C95
Other & unclassified	622	1	0	0	2	5	3	13	30	34	55	51	67	58	70	88	71	74	17.4	
All sites	3581	3	11	4	17	26	18	33	73	110	210	285	320	318	413	518	561	661	100.0	

Table 15: NUMBER OF CANCER DEATHS IN CHIANGMAI 2000-2003, FEMALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0.2	C00
Tongue	16	0	0	0	0	0	0	0	0	1	1	1	0	0	5	3	2	3	0.5	C01-C02
Salivary gland	6	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	2	0.2	C07-C08
Mouth	24	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	3	17	0.8	C03-C06
Oropharynx	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	2	0.2	C09-C10
Nasopharynx	21	0	0	0	0	0	0	0	0	0	1	1	2	2	5	5	4	1	0.7	C11
Hypopharynx	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	0.2	C12-C13
Pharynx unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	C14
Esophagus	20	0	0	0	0	0	0	0	0	1	1	1	1	1	3	4	8	8	0.6	C15
Stomach	118	0	0	0	0	0	1	4	5	8	10	7	10	8	13	17	19	16	3.8	C16
Small intestine	9	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	1	0.3	C17	
Colon	77	0	0	0	0	0	0	1	1	3	7	5	8	4	11	12	14	11	2.5	C18
Rectum	75	0	0	0	0	0	0	0	2	2	6	11	6	5	7	7	11	18	2.4	C19-C21
Liver	232	0	0	0	0	2	0	1	3	7	10	25	31	19	24	34	37	39	7.5	C22
Gallbladder etc.	72	0	0	0	0	0	0	0	0	2	2	2	7	4	10	15	11	19	2.3	C23-C24
Pancreas	50	0	0	0	0	0	0	0	0	0	1	6	5	3	8	7	12	8	1.6	C25
Nose, sinuses etc	4	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0.1	C30-C31
Larynx	11	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	4	1	0.4	C32
Bronchus, lung	690	0	0	1	0	0	0	1	5	7	16	36	58	61	115	153	121	116	22.4	C33-C34
Other Thoracic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C37-C38
Bone	9	0	0	0	1	1	0	1	1	0	2	0	0	0	0	0	1	2	0.3	C40-C41
Connective tissue	7	0	0	0	0	0	1	0	0	0	0	1	1	1	0	2	0	1	0.2	C47-C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46
Melanoma of skin	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	2	0.2	C43
Other skin	36	0	0	0	0	0	0	0	0	0	1	2	1	0	3	4	8	17	1.2	C44
Breast	246	0	0	0	0	0	0	2	5	19	22	48	33	23	24	29	17	24	8.0	C50
Uterus unspec.	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1	C55
Cervix uteri	374	0	0	0	0	0	3	2	11	28	38	47	40	42	39	60	32	32	12.1	C53
Placenta	4	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0.1	C58
Corpus uteri	36	0	0	0	0	0	0	0	1	2	2	0	3	5	6	9	5	3	1.2	C54
Ovary etc.	69	0	0	0	0	2	2	1	1	6	4	12	6	7	10	7	6	5	2.2	C56
Other female genital	37	0	0	0	0	0	0	0	1	1	2	2	4	3	0	7	3	14	1.2	C51-C52;C57
Bladder	44	0	0	0	0	0	0	0	0	0	0	1	0	2	4	8	9	20	1.4	C67
Kidney etc.	22	0	1	1	0	0	0	0	0	1	0	1	1	1	3	4	2	7	0.7	C64-C66;C68
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C69
Brain, nervous system	30	0	1	2	2	0	0	0	3	3	4	2	3	2	5	2	1	0	1.0	C70-C72
Thyroid	31	0	0	0	0	0	0	1	0	0	1	2	2	2	10	5	2	6	1.0	C73
Other endocrine	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75
Hodgkin's disease	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0.2	C81
Non-Hodgkin lymphoma	82	0	0	2	0	1	2	3	3	5	6	7	5	14	6	10	9	9	2.7	C82-C85;C96
Multiple myeloma	12	0	0	0	0	0	0	0	0	0	1	1	1	0	2	4	1	2	0.4	C88;C90
Lymphoid leukaemia	14	0	2	0	3	1	1	0	0	1	1	0	1	0	2	1	1	0	0.5	C91
Myeloid leukaemia	57	0	1	0	1	7	4	1	4	4	4	3	6	2	2	8	5	5	1.8	C92
Monocytic leukaemia	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.0	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0.1	C95
Other & unspecified	514	0	1	2	1	1	5	15	20	30	33	38	34	39	66	77	80	72	16.7	
All sites	3086	0	6	8	8	17	21	34	66	132	181	268	275	253	385	506	434	492	100.0	

Table 16: CANCER DEATHS, CHIANGMAI 2000-2003

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Ages	Age																	Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+						
Lip	5	0	-	-	-	-	-	-	-	-	-	-	-	1	-	1.1	1.4	2.6	0.2	0.14	0.00	0.02	0.2	C00
Tongue	33	0	-	-	-	-	-	-	-	0.8	0.4	0.4	1.9	1	5.4	4.3	12.9	9	1.1	0.92	0.05	0.14	1.0	C01-C02
Salivary gland	9	0	-	-	-	-	-	-	-	-	-	0.4	0.6	1	2.2	-	4.3	1.3	0.3	0.25	0.02	0.04	0.3	C07-C08
Mouth	39	0	-	-	-	-	-	-	-	-	0.7	2.1	0.6	4.1	1.1	5.4	10	17.9	1.3	1.09	0.04	0.12	1.1	C03-C06
Oropharynx	36	0	-	-	-	-	-	-	-	-	0.4	0.4	2.5	6.1	3.2	4.3	5.7	16.6	1.2	1.01	0.06	0.11	1.1	C09-C10
Nasopharynx	64	0	-	-	-	0.4	-	-	-	1.5	2.2	2.9	7.6	6.1	5.4	7.5	14.3	7.7	2.2	1.79	0.13	0.24	1.9	C11
Hypopharynx	32	0	-	-	-	-	-	-	-	-	0.4	0.8	1.3	2	1.1	5.4	5.7	19.2	1.1	0.89	0.03	0.08	0.9	C12-C13
Pharynx unspec.	4	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	3.8	0.1	0.11	0.00	0.01	0.1	C14
Oesophagus	48	0	-	-	-	-	-	-	-	-	-	1.7	2.5	5.1	5.4	6.4	12.9	19.2	1.6	1.34	0.07	0.17	1.5	C15
Stomach	144	0	-	-	-	1.2	0.4	0.5	2.3	1.5	2.2	7.6	6.9	15.2	12.9	24.7	31.5	29.4	4.9	4.02	0.25	0.53	4.4	C16
Small intestine	8	0	-	-	-	-	-	-	0.5	-	0.4	-	-	-	3.2	-	2.9	1.3	0.3	0.22	0.02	0.03	0.3	C17
Colon	84	0	-	-	0.9	0.4	0.4	-	0.9	0.8	0.7	2.1	4.4	8.1	3.2	10.7	30	25.6	2.9	2.35	0.11	0.31	2.5	C18
Rectum	93	0	-	-	-	-	-	0.9	0.9	1.1	0.7	4.2	5	8.1	14	10.7	17.2	29.4	3.2	2.60	0.17	0.31	2.9	C19-C21
Liver	599	1	-	-	-	0.4	-	-	4.1	9	20.6	34.9	48.6	62	75.5	76.3	112.9	84.4	20.6	16.73	1.27	2.20	18.3	C22
Gallbladder etc.	38	0	-	-	-	-	-	-	-	-	0.7	0.4	1.9	3	5.4	8.6	11.4	10.2	1.3	1.06	0.06	0.16	1.2	C23-C24
Pancreas	45	0	-	-	-	-	-	-	-	-	0.7	3.4	1.9	5.1	6.5	7.5	12.9	6.4	1.5	1.26	0.09	0.19	1.4	C25
Nose, sinuses etc	14	0	-	-	-	-	0.4	-	-	-	-	0.4	1.3	3	2.2	1.1	-	5.1	0.5	0.39	0.03	0.04	0.5	C30-C31
Larynx	54	0	-	-	-	-	-	-	-	-	0.4	0.8	1.3	4.1	3.2	7.5	17.2	29.4	1.9	1.51	0.05	0.17	1.6	C32
Bronchus, lung	918	0	-	-	-	0.4	0.4	0.9	2.3	3.4	11.2	19.3	47.9	91.4	154.1	185.9	237.3	223.8	31.6	25.64	1.64	3.70	29.3	C33-C34
Other Thoracic organs	7	0	0.6	-	0.5	-	0.8	-	-	-	0.7	-	-	-	-	-	-	1.3	0.2	0.20	0.01	0.01	0.2	C37-C38
Bone	14	0	-	0.9	0.9	0.8	0.8	0.5	-	-	-	-	0.6	-	-	2.1	-	2.6	0.5	0.39	0.02	0.03	0.5	C40-C41
Connective tissue	12	0	-	-	-	-	-	0.5	-	-	0.4	0.4	0.6	1	1.1	2.1	2.9	2.6	0.4	0.34	0.02	0.04	0.4	C47;C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.00	0.00	0.0	C45
Kaposi's sarcoma	1	0	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	0.0	0.03	0.00	0.00	0.0	C46
Melanoma of skin	13	0	-	-	-	-	-	-	-	0.7	0.8	-	-	3	1.1	1.1	1.4	3.8	0.4	0.36	0.03	0.04	0.4	C43
Other skin	39	1	-	-	-	-	-	-	-	-	0.4	0.6	2	4.3	6.4	17.2	15.3	15.3	1.3	1.09	0.04	0.15	1.2	C44
Breast	7	0	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	4.3	3.8	0.2	0.20	0.00	0.02	0.2	C50
Prostate	89	0	-	-	-	-	-	-	-	-	-	-	0.6	4.1	6.5	15	14.3	69.1	3.1	2.49	0.06	0.20	2.6	C61
Testis	14	0	-	-	-	-	-	-	-	1.1	0.4	1.3	-	-	-	3.2	4.3	1.3	0.5	0.39	0.01	0.05	0.4	C62
Penis	27	0	-	-	-	-	-	-	1.5	1.1	0.4	1.3	-	2.2	2.1	10	7.7	7.7	0.9	0.75	0.03	0.09	0.7	C60
Other male genital	1	0	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	0.0	0.03	0.00	0.01	0.0	C63
Bladder	100	0	-	-	-	-	-	-	-	0.7	1.7	1.9	4.1	12.9	20.4	38.6	37.1	37.1	3.4	2.79	0.11	0.40	3.0	C67
Kidney etc.	37	0	0.6	-	-	-	-	0.9	-	0.4	0.7	0.8	1.3	3	11.9	5.4	5.7	5.1	1.3	1.03	0.10	0.15	1.3	C64-C66;C68
Eye	5	0	0.6	-	-	-	-	0.5	-	-	-	-	-	-	-	1.4	2.6	2.6	0.2	0.14	0.01	0.01	0.2	C69
Brain, nervous system	40	0	0.6	-	1.4	0.8	0.4	0.5	3.2	0.8	1.1	0.4	2.5	2	2.2	4.3	5.7	3.8	1.4	1.12	0.08	0.13	1.3	C70-C72
Thyroid	15	0	-	-	-	-	-	-	-	-	0.4	0.8	-	-	4.3	3.2	4.3	2.6	0.5	0.42	0.03	0.06	0.5	C73
Other endocrine	1	0	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	0.0	0.03	0.00	0.00	0.0	C74-C75
Hodgkin's disease	20	0	-	-	-	0.4	-	-	0.5	0.8	1.1	0.4	0.6	-	-	3.2	2.9	7.7	0.7	0.56	0.02	0.05	0.5	C81
Non-Hodgkin lymphoma	151	0	1.2	-	0.9	2.1	-	1.9	3.2	3.4	4.7	5.5	8.2	11.2	12.9	18.3	35.7	23	5.2	4.22	0.28	0.54	4.7	C82-C85;C96
Multiple myeloma	13	0	-	-	-	-	-	-	0.5	-	1.1	0.4	0.6	-	2.2	1.1	2.9	2.6	0.4	0.36	0.02	0.04	0.4	C88;C90
Lymphoid leukaemia	17	0	1.2	0.5	0.5	0.8	1.2	-	0.9	-	0.4	-	-	-	-	-	2.9	3.8	0.6	0.47	0.02	0.04	0.6	C91
Myeloid leukaemia	58	0	1.2	0.5	1.8	0.4	1.2	0.9	-	2.6	0.7	2.5	3.2	6.1	4.3	4.3	2.9	11.5	2.0	1.62	0.12	0.16	1.9	C92
Monocytic leukaemia	3	0	-	-	-	-	-	0.9	-	-	-	-	-	-	-	-	-	1.3	0.1	0.08	0.00	0.00	0.1	C93
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.00	0.00	0.0	C94
Leukaemia unspec.	8	0	0.6	-	-	0.4	-	0.5	-	-	0.4	0.4	0.6	-	-	1.1	1.4	-	0.3	0.22	0.01	0.02	0.3	C95
Other & unclassified	622	1	-	-	0.9	2.1	1.2	6.1	13.6	12.8	19.8	21.4	42.3	58.9	75.5	94.5	101.5	94.6	21.4	17.37	1.26	2.20	19.2	
All sites	3581		6.6	1.9	7.8	10.6	7.2	15.5	33.4	41.5	76.1	119.4	201.7	322.8	445.4	556.3	802.2	845.5	123.1	100.0	6.21	12.34	111.1	

Table 17: CANCER DEATHS, CHIANGMAI 2000-2003

Incidence per 100,000 by Age Group (years) - FEMALES

SITE	All Age		Age Group (years)																	Crude		CR	CR	ASR	ICD (10th)
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64	74	(W)		
Lip	5	0	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3.3	0.2	0.16	0.00	0.01	0.1	C00	
Tongue	16	0	-	-	-	-	-	-	-	0.3	0.3	0.4	-	-	5	2.9	2.6	3.3	0.5	0.52	0.03	0.06	0.5	C01-C02	
Salivary gland	6	0	-	-	-	-	-	-	-	0.3	-	1.2	-	-	-	-	-	2.2	0.2	0.19	0.01	0.01	0.1	C07-C08	
Mouth	24	0	-	-	-	-	-	-	-	0.3	-	-	0.6	-	-	2	3.9	18.5	0.8	0.78	0.00	0.03	0.6	C03-C06	
Oropharynx	5	0	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	2.6	0.2	0.16	0.00	0.01	0.1	C09-C10	
Nasopharynx	21	0	-	-	-	-	-	-	-	-	0.3	0.4	1.2	2.1	5	4.9	5.1	1.1	0.7	0.68	0.04	0.09	0.7	C11	
Hypopharynx	7	0	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2.6	3.3	0.2	0.23	0.00	0.02	0.2	C12-C13	
Pharynx unspec.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	0.0	0.03	0.00	0.00	0.0	C14	
Esophagus	20	0	-	-	-	-	-	-	-	-	0.3	0.4	0.6	1	1	2.9	5.1	8.7	0.7	0.65	0.02	0.06	0.5	C15	
Stomach	118	0	-	-	-	-	0.4	1.8	2.1	2.7	3.4	2.8	6.1	8.3	13.1	16.6	24.4	17.4	3.9	3.82	0.20	0.40	3.3	C16	
Small intestine	9	0	-	-	-	-	-	-	-	-	-	-	0.6	1	1	2.9	2.6	1.1	0.3	0.29	0.01	0.04	0.3	C17	
Colon	77	0	-	-	-	-	-	0.5	0.4	1	2.4	2	4.9	4.2	11.1	11.7	18	12	2.6	2.50	0.13	0.28	2.2	C18	
Rectum	75	0	-	-	-	-	-	-	0.8	0.7	2	4.3	3.7	5.2	7	6.8	14.1	19.6	2.5	2.43	0.12	0.22	2.0	C19-C21	
Liver	232	0	-	-	-	0.8	-	0.5	1.2	2.4	3.4	9.9	18.9	19.7	24.1	33.2	47.6	42.5	7.7	7.52	0.40	0.80	6.6	C22	
Gallbladder etc.	72	0	-	-	-	-	-	-	-	0.7	0.7	0.8	4.3	4.2	10	14.7	14.1	20.7	2.4	2.33	0.10	0.25	2.0	C23-C24	
Pancreas	50	0	-	-	-	-	-	-	-	-	0.3	2.4	3	3.1	8	6.8	15.4	8.7	1.7	1.62	0.08	0.19	1.4	C25	
Nose, sinuses etc	4	0	-	-	-	0.4	-	0.5	-	-	0.3	0.4	-	-	-	-	-	-	0.1	0.13	0.01	0.01	0.1	C30-C31	
Larynx	11	0	-	-	-	-	-	-	-	-	-	0.4	-	-	1	3	1	5.1	1.1	0.4	0.36	0.02	0.05	0.3	C32
Bronchus, lung	690	0	-	0.5	-	-	-	0.5	2.1	2.4	5.4	14.2	35.3	63.3	115.6	149.6	155.6	126.5	22.9	22.36	1.19	2.68	20.6	C33-C34	
Other Thoracic organs	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.00	0.00	0.0	C37-C38	
Bone	9	0	-	-	0.5	0.4	-	0.5	0.4	-	0.7	-	-	-	-	-	1.3	2.2	0.3	0.29	0.01	0.02	0.3	C40-C41	
Connective tissue	7	0	-	-	-	-	0.4	-	-	-	-	-	0.4	0.6	1	-	2	-	1.1	0.2	0.23	0.01	0.02	0.2	C47;C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.00	0.00	0.0	C45	
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.00	0.00	0.0	C46	
Melanoma of skin	6	0	-	-	-	-	-	-	-	-	0.3	-	-	-	-	1	2.6	2.2	0.2	0.19	0.00	0.02	0.1	C43	
Other skin	36	0	-	-	-	-	-	-	-	-	0.3	0.8	0.6	-	3	3.9	10.3	18.5	1.2	1.17	0.02	0.09	0.9	C44	
Breast	246	0	-	-	-	-	-	0.9	2.1	6.5	7.4	19	20.1	23.9	24.1	28.3	21.9	26.2	8.2	7.97	0.52	0.76	6.9	C50	
Uterus unspec.	2	0	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	-	1.1	0.1	0.06	0.00	0.00	0.1	C55	
Cervix uteri	374	0	-	-	-	-	1.2	0.9	4.6	9.5	12.8	18.6	24.3	43.6	39.2	58.7	41.1	34.9	12.4	12.12	0.76	1.26	10.7	C53	
Placenta	4	0	-	-	-	-	0.8	-	-	-	0.7	-	-	-	-	-	-	-	0.1	0.13	0.00	0.01	0.1	C58	
Corpus uteri	36	0	-	-	-	-	-	-	0.4	0.7	0.7	-	1.8	5.2	6	8.8	6.4	3.3	1.2	1.17	0.07	0.15	1.1	C54	
Ovary etc.	69	0	-	-	-	0.8	0.8	0.5	0.4	2	1.3	4.7	3.7	7.3	10	6.8	7.7	5.5	2.3	2.24	0.15	0.23	2.0	C56	
Other female genital	37	0	-	-	-	-	-	0.4	0.3	0.7	0.8	2.4	3.1	-	6.8	3.9	15.3	1.2	1.20	0.04	0.09	1.0	C51-C52;C57		
Bladder	44	0	-	-	-	-	-	-	-	-	0.4	-	2.1	4	7.8	11.6	21.8	1.5	1.43	0.03	0.13	1.2	C67		
Kidney etc.	22	0	0.6	0.5	-	-	-	-	-	0.3	-	0.4	0.6	1	3	3.9	2.6	7.6	0.7	0.71	0.03	0.06	0.7	C64-C66;C68	
Eye	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.00	0.00	0.0	C69	
Brain, nervous system	30	0	0.6	1	1	-	-	-	1.2	1	1.3	0.8	1.8	2.1	5	2	1.3	-	1.0	0.97	0.08	0.10	1.0	C70-C72	
Thyroid	31	0	-	-	-	-	-	0.5	-	-	0.3	0.8	1.2	2.1	10	4.9	2.6	6.5	1.0	1.00	0.07	0.11	1.0	C73	
Other endocrine	1	0	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.03	0.00	0.00	0.0	C74-C75	
Hodgkin's disease	5	0	-	-	-	-	-	-	-	-	-	-	1.2	-	-	1	2.6	-	0.2	0.16	0.01	0.02	0.1	C81	
Non-Hodgkin lymphoma	82	0	-	1	-	0.4	0.8	1.4	1.2	1.7	2	2.8	3	14.5	6	9.8	11.6	9.8	2.7	2.66	0.17	0.27	2.5	C82-C85;C96	
Multiple myeloma	12	0	-	-	-	-	-	-	-	-	0.3	0.4	0.6	-	2	3.9	1.3	2.2	0.4	0.39	0.02	0.04	0.3	C88;C90	
Lymphoid leukaemia	14	0	1.2	-	1.4	0.4	0.4	-	-	0.3	0.3	-	0.6	-	2	1	1.3	-	0.5	0.45	0.03	0.04	0.6	C91	
Myeloid leukaemia	57	0	0.6	-	0.5	2.9	1.6	0.5	1.7	1.4	1.3	1.2	3.7	2.1	2	7.8	6.4	5.5	1.9	1.85	0.09	0.17	1.7	C92	
Monocytic leukaemia	1	0	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	0.0	0.03	0.00	0.00	0.0	C93	
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.00	0.00	0.0	C94	
Leukaemia unspec.	4	0	-	-	-	-	-	-	-	-	0.3	-	0.6	-	-	1	-	1.1	0.1	0.13	0.00	0.01	0.1	C95	
Other & unclassified	514	0	0.6	1	0.5	0.4	1.9	6.8	8.3	10.2	11.1	15	20.7	40.5	66.3	75.3	102.8	78.5	17.1	16.66	0.90	1.76	14.8		
All sites	3086		3.6	4.0	3.9	6.9	8.3	15.8	27.3	44.7	60.6	106.1	167.3	262.6	386.5	494.7	558.1	536.6	102.5	100.0	5.30	10.12	89.1		

Table 18: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2000, MALES

Number of cases by Age Group (years)

SITE	All	Age																	%	ICD (10th)	
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+			
Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C00
Tongue	15	0	0	0	0	0	0	0	1	1	1	0	1	2	1	4	1	0	4	1.4	C01-C02
Salivary gland	6	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	1	0	0.6	C07-C08
Mouth	17	0	0	0	0	0	0	0	0	0	0	2	1	0	2	0	3	2	7	1.6	C03-C06
Oropharynx	15	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	4	3	1.4	C09-C10	
Nasopharynx	35	0	0	0	0	0	0	0	0	5	8	5	4	3	3	5	1	1	3.3	C11	
Hypopharynx	9	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3	3	0.9	C12-C13	
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14	
Esophagus	16	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	5	6	1.5	C15	
Stomach	44	0	0	0	0	2	0	0	2	2	3	5	4	5	4	4	7	6	4.2	C16	
Small intestine	5	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.5	C17	
Colon	34	0	0	0	0	1	0	0	1	4	1	3	3	2	4	5	6	4	3.2	C18	
Rectum	33	0	0	0	0	0	0	1	0	2	2	4	2	2	4	6	2	8	3.1	C19-C21	
Liver	118	0	0	0	0	1	0	1	3	1	6	22	13	10	20	15	13	13	11.2	C22	
Gallbladder etc.	12	0	0	0	0	0	0	0	0	0	1	0	0	1	3	3	3	1	1.1	C23-C24	
Pancreas	9	0	0	0	0	0	0	0	0	0	0	2	0	2	3	1	1	0	0.9	C25	
Nose, sinuses etc	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0.2	C30-C31	
Larynx	15	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	7	1	1.4	C32	
Bronchus, lung	212	0	0	0	0	1	0	1	1	7	10	19	25	38	45	41	24	20.0	C33-C34		
Other Thoracic organs	3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0.3	C37-C38		
Bone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C40-C41	
Connective tissue	10	0	0	0	0	0	1	0	0	0	1	1	1	0	0	3	1	2	0.9	C47;C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46	
Melanoma of skin	5	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	1	0	0.5	C43	
Other skin	35	0	0	0	0	1	1	0	1	2	1	2	4	1	6	10	6	3.3	C44		
Breast	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C50	
Prostate	31	0	0	0	0	0	0	0	0	0	0	0	1	1	8	6	15	2.9	C61		
Testis	8	0	0	0	0	1	0	2	1	2	2	0	0	0	0	0	0	0	0.8	C62	
Penis	14	0	0	0	0	0	0	1	1	0	3	2	0	2	0	1	1	3	1.3	C60	
Other male genital	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	C63	
Bladder	38	0	0	0	0	0	0	0	0	1	1	0	0	0	5	10	8	13	3.6	C67	
Kidney etc.	19	0	0	0	0	0	0	0	0	1	0	0	3	4	5	2	1	3	1.8	C64-C66;C68	
Eye	6	0	1	0	0	0	0	0	0	0	2	0	0	0	0	1	0	2	0.6	C69	
Brain, nervous system	4	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	0.4	C70-C72	
Thyroid	11	0	0	0	0	0	0	0	1	1	0	2	1	1	1	2	1	1	1.0	C73	
Other endocrine	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C74-C75	
Hodgkin's disease	8	0	1	0	0	0	0	1	0	2	1	0	0	0	1	1	1	0	0.8	C81	
Non-Hodgkin lymphoma	53	0	0	0	2	4	1	0	1	3	5	5	9	2	5	5	8	3	5.0	C82-C85;C96	
Multiple myeloma	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	C88;C90	
Lymphoid leukaemia	6	0	1	1	1	0	2	0	0	0	0	0	0	0	0	0	1	0.6	C91		
Myeloid leukaemia	14	0	2	0	1	0	1	0	0	2	0	1	1	1	2	1	1	1	1.3	C92	
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93	
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94	
Leukaemia unspec.	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0.3	C95	
Other & unclassified	189	1	0	0	0	1	2	4	15	14	17	12	17	16	24	24	25	17	17.9		
All sites	1058	1	6	1	4	11	11	12	29	43	66	85	87	93	134	165	159	151	100.0		

Table 19: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2000, FEMALES

Number of cases by Age Group (years)

SITE	All	Age																%	ICD (10th)		
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-			75+	
Lip	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0.2	C00	
Tongue	5	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	0	0.4	C01-C02	
Salivary gland	3	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0.2	C07-C08	
Mouth	12	0	0	0	0	0	0	0	0	1	2	0	1	0	1	3	0	4	0.9	C03-C06	
Oropharynx	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0.2	C09-C10	
Nasopharynx	12	0	0	0	0	0	0	0	0	0	2	0	0	2	4	3	1	0	0.9	C11	
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C12-C13	
Pharynx unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C14	
Esophagus	6	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	2	0.5	C15	
Stomach	38	0	0	0	0	0	0	2	4	0	5	1	3	1	3	5	10	4	2.9	C16	
Small intestine	5	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	1	0	0.4	C17	
Colon	36	0	0	1	0	0	0	1	0	2	3	5	4	1	5	5	6	3	2.8	C18	
Rectum	30	0	0	0	0	0	1	0	0	1	3	4	2	3	4	2	4	6	2.3	C19-C21	
Liver	46	0	0	0	0	1	0	0	0	2	2	6	4	4	4	7	8	8	3.5	C22	
Gallbladder etc.	19	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	4	5	1.5	C23-C24	
Pancreas	9	0	0	0	0	0	0	0	0	0	0	2	1	1	2	2	0	1	0.7	C25	
Nose, sinuses etc	4	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	0	0.3	C30-C31	
Larynx	5	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	1	0.4	C32	
Bronchus, lung	196	0	0	0	0	0	0	0	4	2	6	7	27	21	35	43	30	21	15.1	C33-C34	
Other Thoracic organs	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	C37-C38	
Bone	2	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0.2	C40-C41	
Connective tissue	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	C47-C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46	
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0.2	C43	
Other skin	33	0	0	0	0	0	0	0	1	0	3	4	1	0	7	6	4	7	2.5	C44	
Breast	192	0	0	0	0	0	0	1	9	21	34	42	24	13	10	20	7	11	14.8	C50	
Uterus unspec.	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.2	C55	
Cervix uteri	263	0	0	0	0	0	0	0	7	15	43	49	47	27	20	16	23	7	9	20.3	C53
Placenta	3	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0.2	C58	
Corpus uteri	27	0	0	0	0	0	0	0	0	2	2	8	3	1	5	2	2	2	2.1	C54	
Ovary etc.	51	0	0	0	0	0	1	0	1	8	2	13	6	4	8	3	5	0	3.9	C56	
Other female genital	15	0	0	0	0	0	0	1	1	0	1	3	1	1	0	3	2	2	1.2	C51-C52;C57	
Bladder	19	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5	2	7	1.5	C67	
Kidney etc.	13	0	1	0	0	0	0	0	0	0	0	0	1	1	0	4	2	0	4	1.0	C64-C66;C68
Eye	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	C69	
Brain, nervous system	9	0	0	4	0	0	0	0	1	1	0	1	0	0	1	0	1	0	0.7	C70-C72	
Thyroid	27	0	0	0	0	1	2	1	2	3	2	4	4	2	3	0	1	2	2.1	C73	
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75	
Hodgkin's disease	4	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0.3	C81	
Non-Hodgkin lymphoma	33	0	0	0	0	0	1	2	3	5	1	2	1	3	4	3	6	2	2.5	C82-C85;C96	
Multiple myeloma	8	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	1	1	0.6	C88;C90	
Lymphoid leukaemia	7	0	0	4	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0.5	C91	
Myeloid leukaemia	11	0	0	0	0	1	0	2	2	0	0	0	1	0	1	1	1	2	0.8	C92	
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93	
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94	
Leukaemia unspec.	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0.2	C95	
Other & unclassified	138	0	1	1	0	0	1	7	10	9	7	8	7	9	18	16	24	20	10.6		
All sites	1297	0	3	10	2	4	9	24	57	101	130	164	125	92	147	164	135	130	100.0		

Table 20: CANCER INCIDENCE, CHIANGMAI 2000

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Ages	Age																	Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)	
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+							
Lip	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0	0	0	C00	
Tongue	15	0	-	-	-	-	-	-	1.7	1.5	-	1.8	5.5	4.1	17	4.2	-	21.8	2.1	1.4	0.16	0.18	2.0	C01-C02	
Salivary gland	6	0	-	-	-	-	-	-	-	-	1.8	-	4.1	4.2	4.2	5.9	-	-	0.8	0.6	0.06	0.10	0.8	C07-C08	
Mouth	17	0	-	-	-	-	-	-	-	-	2.9	1.8	-	8.3	-	12.7	11.9	38.2	2.3	1.6	0.06	0.19	2.0	C03-C06	
Oropharynx	15	0	-	-	-	-	-	-	-	-	-	1.8	2.7	8.3	8.5	23.8	16.4	-	2.1	1.4	0.11	0.27	2.0	C09-C10	
Nasopharynx	35	0	-	-	-	-	-	-	-	7.3	11.4	9	1-9	12.4	12.7	21.2	5.9	-	4.8	3.3	0.32	0.45	4.1	C11	
Hypopharynx	9	0	-	-	-	-	-	-	-	-	1.4	-	2.7	4.1	-	-	17.8	16.4	1.2	0.9	0.04	0.13	1.1	C12-C13	
Pharynx unspec.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C14	
Oesophagus	16	0	-	-	-	-	-	-	-	-	-	1.8	5.5	-	4.2	4.2	29.7	32.7	2.2	1.5	0.06	0.23	1.9	C15	
Stomach	44	0	-	-	-	3.2	-	-	3.5	2.9	4.3	9	1-9	2-7	17	17	41.6	32.7	6.1	4.2	0.36	0.65	5.5	C16	
Small intestine	5	0	-	-	-	-	-	-	-	-	-	-	-	4.1	4.2	4.2	5.9	5.5	0.7	0.5	0.04	0.09	0.7	C17	
Colon	34	0	-	-	-	1.6	-	-	1.7	5.8	1.4	5.4	8.2	8.3	17	21.2	35.6	21.8	4.7	3.2	0.25	0.53	4.2	C18	
Rectum	33	0	-	-	-	-	-	1.9	-	2.9	2.9	7.2	5.5	8.3	17	25.4	11.9	43.6	4.5	3.1	0.23	0.40	4.1	C19-C21	
Liver	118	0	-	-	-	1.6	-	1.9	5.2	1.5	8.6	39.5	35.5	41.5	84.9	63.6	77.2	7-9	16.3	11.2	1.09	1.78	15.3	C22	
Gallbladder etc.	12	0	-	-	-	-	-	-	-	-	1.4	-	-	4.1	12.7	12.7	17.8	5.5	1.7	1.1	0.09	0.24	1.6	C23-C24	
Pancreas	9	0	-	-	-	-	-	-	-	-	-	-	3.6	-	8.3	12.7	4.2	5.9	-	1.2	0.9	0.12	0.17	1.3	C25
Nose, sinuses etc	2	0	-	-	-	-	-	-	-	-	-	-	-	4.1	-	-	5.9	-	0.3	0.2	0.02	0.05	0.3	C30-C31	
Larynx	15	0	-	-	-	-	-	-	-	-	-	3.6	2.7	8.3	4.2	29.7	5.9	5.5	2.1	1.4	0.09	0.27	2.0	C32	
Bronchus, lung	212	0	-	-	-	-	1.6	-	1.7	1.5	1-	18	51.8	1-3.7	161.3	19-7	243.5	13-9	29.2	20.0	1.72	3.84	28.4	C33-C34	
Other Thoracic organs	3	0	2.2	-	-	-	1.6	-	-	-	-	-	-	-	-	-	5.9	-	0.4	0.3	0.01	0.05	0.5	C37-C38	
Bone	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C40-C41	
Connective tissue	10	0	-	-	-	-	1.6	-	-	-	1.4	1.8	2.7	-	-	12.7	5.9	1-9	1.4	0.9	0.03	0.13	1.2	C47;C49	
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45	
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C46	
Melanoma of skin	5	0	-	-	-	-	-	-	-	-	-	3.6	2.7	-	-	4.2	5.9	-	0.7	0.5	0.03	0.08	0.6	C43	
Other skin	35	0	-	-	-	-	1.6	1.9	-	1.5	2.9	1.8	5.5	16.6	4.2	25.4	59.4	32.7	4.8	3.3	0.17	0.59	4.4	C44	
Breast	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	0.1	0.1	0.00	0.00	0.1	C50	
Prostate	31	0	-	-	-	-	-	-	-	-	-	-	4.1	4.2	33.9	35.6	81.8	4.3	2.9	0.04	0.39	3.7	C61		
Testis	8	0	-	-	-	1.6	-	3.8	1.7	2.9	2.9	-	-	-	-	-	-	-	1.1	0.8	0.06	0.05	0.9	C62	
Penis	14	0	-	-	-	-	-	1.9	1.7	-	4.3	3.6	-	8.3	-	4.2	5.9	16.4	1.9	1.3	0.10	0.14	1.6	C60	
Other male genital	1	0	-	-	-	-	-	-	1.7	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C63	
Bladder	38	0	-	-	-	-	-	-	-	1.5	1.4	-	-	-	21.2	42.4	47.5	7-9	5.2	3.6	0.12	0.57	4.7	C67	
Kidney etc.	19	0	-	-	-	-	-	-	-	1.5	-	-	8.2	16.6	21.2	8.5	5.9	16.4	2.6	1.8	0.24	0.31	2.7	C64-C66;C68	
Eye	6	0	2.2	-	-	-	-	-	-	-	2.9	-	-	-	-	4.2	-	1-9	0.8	0.6	0.03	0.05	0.8	C69	
Brain, nervous system	4	0	-	-	-	-	1.6	-	1.7	-	-	-	-	4.1	-	-	-	5.5	0.6	0.4	0.03	0.04	0.5	C70-C72	
Thyroid	11	0	-	-	-	-	-	-	1.7	1.5	-	3.6	2.7	4.1	4.2	8.5	5.9	5.5	1.5	1.0	0.09	0.16	1.4	C73	
Other endocrine	1	0	-	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C74-C75	
Hodgkin's disease	8	0	2.2	-	-	-	-	1.9	-	2.9	1.4	-	-	-	4.2	4.2	5.9	-	1.1	0.8	0.06	0.10	1.1	C81	
Non-Hodgkin lymphoma	53	0	-	-	3.7	6.4	1.6	-	1.7	4.4	7.1	9	24.5	8.3	21.2	21.2	47.5	16.4	7.3	5.0	0.43	0.78	6.7	C82-C85;C96	
Multiple myeloma	1	0	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C88;C90	
Lymphoid leukaemia	6	0	2.2	1.8	1.9	-	3.2	-	-	-	-	-	-	-	-	-	-	5.5	0.8	0.6	0.03	0.05	1.0	C91	
Myeloid leukaemia	14	0	4.4	-	1.9	-	1.6	-	-	2.9	-	1.8	2.7	4.1	8.5	4.2	5.9	5.5	1.9	1.3	0.13	0.19	2.1	C92	
Monocytic leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C93	
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C94	
Leukaemia unspec.	3	0	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	11.9	-	0.4	0.3	0.01	0.07	0.4	C95	
Other & unclassified	189	1	-	-	-	1.6	3.2	7.6	26	2-4	24.3	21.6	46.4	66.4	1-1.9	1-1.7	148.5	92.7	26.1	17.9	1.57	2.77	23.5		
All sites	1058	1	13.2	1.8	7.5	17.6	17.6	22.8	50.0	62.9	94.3	152.9	237.3	385.3	568.4	699.0	943.8	824.0	145.9	100.0	7.753	15.01	135.3		

Table 21: CANCER INCIDENCE, CHIANGMAI 2000
Incidence per 100,000 by Age Group (years) - FEMALES

SITE	All Age		Crude																	CR	CR	ASR	ICD (10th)		
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64	74		(W)	
Lip	3	0	-	-	-	-	-	-	-	-	-	-	-	4.2	-	-	5.4	4.7	0.4	0.2	0.02	0.05	0.4	C00	
Tongue	5	0	-	-	-	-	-	-	-	-	-	-	2.7	-	4	3.9	1-8	-	0.7	0.4	0.03	0.11	0.6	C01-C02	
Salivary gland	3	0	-	-	-	-	-	-	-	-	1.3	-	-	4.2	-	-	-	4.7	0.4	0.2	0.03	0.03	0.3	C07-C08	
Mouth	12	0	-	-	-	-	-	-	-	1.3	2.7	-	2.7	-	4	11.6	-	18.7	1.6	0.9	0.05	0.11	1.3	C03-C06	
Oropharynx	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	9.4	0.4	0.2	0.00	0.03	0.3	C09-C10	
Nasopharynx	12	0	-	-	-	-	-	-	-	-	2.7	-	-	8.4	15.9	11.6	5.4	-	1.6	0.9	0.13	0.22	1.6	C11	
Hypopharynx	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C12-C13	
Pharynx unspec.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	0.1	0.1	0.00	0.00	0.1	C14	
Esophagus	6	0	-	-	-	-	-	-	-	-	-	1.7	-	-	4	-	1-8	9.4	0.8	0.5	0.03	0.08	0.7	C15	
Stomach	38	0	-	-	-	-	-	3.6	6.3	-	6.7	1.7	8	4.2	12	19.4	5.4	18.7	5.1	2.9	0.21	0.56	4.3	C16	
Small intestine	5	0	-	-	-	-	-	-	1.6	-	-	-	-	-	4	7.8	5.4	-	0.7	0.4	0.03	0.09	0.6	C17	
Colon	36	0	-	1.9	-	-	-	1.8	-	2.7	4	8.6	1-7	4.2	19.9	19.4	32.4	14	4.8	2.8	0.27	0.52	4.3	C18	
Rectum	30	0	-	-	-	-	1.6	-	-	1.3	4	6.9	5.3	12.6	15.9	7.8	21.6	28.1	4.0	2.3	0.23	0.38	3.5	C19-C21	
Liver	46	0	-	-	-	1.6	-	-	-	2.7	2.7	1-3	1-7	16.8	15.9	27.2	43.2	37.5	6.2	3.5	0.30	0.65	5.4	C22	
Gallbladder etc.	19	0	-	-	-	-	-	-	-	-	-	-	-	5.3	8.4	12	11.6	21.6	23.4	2.5	1.5	0.13	0.29	2.3	C23-C24
Pancreas	9	0	-	-	-	-	-	-	-	-	-	3.4	2.7	4.2	8	7.8	-	4.7	1.2	0.7	0.09	0.13	1.2	C25	
Nose, sinuses etc	4	0	-	-	-	1.6	-	-	-	-	-	1.7	-	4.2	4	-	-	-	0.5	0.3	0.06	0.06	0.6	C30-C31	
Larynx	5	0	-	-	-	-	-	-	-	-	-	1.7	2.7	-	-	-	1-8	4.7	0.7	0.4	0.02	0.08	0.5	C32	
Bronchus, lung	196	0	-	-	-	-	-	-	6.3	2.7	8.1	12	72	88.2	139.5	166.8	161.9	98.3	26.2	15.1	1.63	3.23	24.7	C33-C34	
Other Thoracic organs	1	0	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.3	C37-C38	
Bone	2	0	-	-	1.9	-	-	-	-	-	1.3	-	-	-	-	-	-	-	0.3	0.2	0.02	0.02	0.3	C40-C41	
Connective tissue	1	0	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C47;C49	
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45	
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C46	
Melanoma of skin	2	0	-	-	-	-	-	-	-	-	1.3	-	-	-	-	3.9	-	-	0.3	0.2	0.01	0.03	0.2	C43	
Other skin	33	0	-	-	-	-	-	1.6	-	4	6.9	2.7	-	27.9	23.3	21.6	32.8	4.4	2.5	0.22	0.44	3.8	C44		
Breast	192	0	-	-	-	-	-	1.8	14.3	28.2	45.7	71.9	64	54.6	39.9	77.6	37.8	51.5	25.7	14.8	1.59	2.15	20.8	C50	
Uterus unspec.	2	0	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	-	4.7	0.3	0.2	0.01	0.01	0.2	C55	
Cervix uteri	263	0	-	-	-	-	-	12.7	23.8	57.7	65.8	8-5	72	84	63.8	89.2	37.8	42.1	35.2	20.3	2.28	2.83	28.5	C53	
Placenta	3	0	-	-	-	-	1.6	-	1.6	-	1.3	-	-	-	-	-	-	-	0.4	0.2	0.01	0.02	0.3	C58	
Corpus uteri	27	0	-	-	-	-	-	-	-	2.7	2.7	13.7	8	4.2	19.9	7.8	1-8	9.4	3.6	2.1	0.26	0.35	3.1	C54	
Ovary etc.	51	0	-	-	-	1.6	-	1.6	-	1-7	2.7	22.3	16	16.8	31.9	11.6	27	-	6.8	3.9	0.51	0.71	6.0	C56	
Other female genital	15	0	-	-	-	-	1.8	1.6	-	-	1.3	5.1	2.7	4.2	-	11.6	1-8	9.4	2.0	1.2	0.08	0.19	1.7	C51-C52;C57	
Bladder	19	0	-	-	-	-	-	-	-	-	-	-	2.7	4.2	12	19.4	1-8	32.8	2.5	1.5	0.09	0.25	2.2	C67	
Kidney etc.	13	0	2.3	-	-	-	-	-	-	-	-	1.7	2.7	-	15.9	7.8	-	18.7	1.7	1.0	0.11	0.15	1.8	C64-C66;C68	
Eye	1	0	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C69	
Brain, nervous system	9	0	-	7.7	-	-	-	1.6	1.3	-	1.7	-	-	4	-	5.4	-	1.2	0.7	0.08	0.11	1.3	C70-C72		
Thyroid	27	0	-	-	-	1.6	3.2	1.8	3.2	4	2.7	6.9	1-7	8.4	12	-	5.4	9.4	3.6	2.1	0.26	0.29	3.2	C73	
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C74-C75	
Hodgkin's disease	4	0	-	-	-	-	1.6	-	-	-	1.3	1.7	-	-	4	-	-	-	0.5	0.3	0.03	0.04	0.5	C81	
Non-Hodgkin lymphoma	33	0	-	-	-	-	1.6	3.6	4.8	6.7	1.3	3.4	2.7	12.6	15.9	11.6	32.4	9.4	4.4	2.5	0.25	0.46	3.9	C82-C85;C96	
Multiple myeloma	8	0	-	-	-	-	-	1.6	-	1.3	-	-	2.7	-	4	7.8	5.4	4.7	1.1	0.6	0.05	0.11	0.9	C88;C90	
Lymphoid leukaemia	7	0	-	7.7	1.9	-	1.6	-	-	-	-	1.7	-	-	-	-	-	-	0.9	0.5	0.06	0.06	1.2	C91	
Myeloid leukaemia	11	0	-	-	-	1.6	-	3.6	3.2	-	-	-	2.7	-	4	3.9	5.4	9.4	1.5	0.8	0.08	0.10	1.3	C92	
Monocytic leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C93	
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C94	
Leukaemia unspec.	2	0	-	-	-	-	-	-	-	1.3	-	-	-	-	-	3.9	-	-	0.3	0.2	0.01	0.03	0.2	C95	
Other & unclassified	138	0	2.3	1.9	-	-	1.6	12.7	15.8	12.1	9.4	13.7	18.7	37.8	71.7	62.1	129.6	93.7	18.5	10.6	0.98	1.87	16.3		
All sites	1297	0	6.9	19.2	3.8	6.4	14.4	43.4	90.5	135.4	174.3	280.9	333.8	386.4	586.0	636.4	728.9	609.0	173.5	100.0	9.82	15.65	150.6		

Table 22: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2001, MALES

Number of cases by Age Group (years)

SITE	All	Age																% ICD (10th)	
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-		75+
Lip	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2 C00
Tongue	17	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	5	2	1.5 C01-C02
Salivary gland	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0.2 C07-C08
Mouth	12	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	4	1.0 C03-C06
Oropharynx	11	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	5	1.0 C09-C10
Nasopharynx	28	0	0	0	0	2	0	0	0	3	0	5	5	4	2	3	1	3	2.4 C11
Hypopharynx	10	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	1	4	0.9 C12-C13
Pharynx unspec.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2 C14
Esophagus	11	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	3	1.0 C15
Stomach	47	0	0	0	0	1	1	0	2	1	4	3	6	5	5	6	5	8	4.1 C16
Small intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0 C17
Colon	42	0	0	0	1	0	1	0	1	1	1	4	6	3	1	3	8	12	3.6 C18
Rectum	31	0	0	0	0	0	0	0	2	2	2	5	2	1	7	0	6	4	2.7 C19-C21
Liver	136	0	0	0	0	0	0	0	5	5	13	25	19	10	14	16	15	14	11.8 C22
Gallbladder etc.	11	0	0	0	0	0	0	0	1	0	0	0	1	2	2	1	1	3	1.0 C23-C24
Pancreas	9	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	3	1	0.8 C25
Nose, sinuses etc	7	0	0	0	0	0	1	1	0	1	0	0	2	1	1	0	0	0	0.6 C30-C31
Larynx	22	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	8	8	1.9 C32
Bronchus, lung	286	0	0	0	0	0	0	0	0	5	9	17	26	32	45	65	41	46	24.7 C33-C34
Other Thoracic organs	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0.2 C37-C38
Bone	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.2 C40-C41
Connective tissue	3	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0.3 C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0 C45
Kaposi's sarcoma	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0.2 C46
Melanoma of skin	7	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	3	0.6 C43
Other skin	30	0	0	0	0	0	1	0	0	0	2	1	3	3	5	2	5	8	2.6 C44
Breast	4	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	1	0.3 C50	
Prostate	50	0	0	0	0	0	0	0	0	0	0	0	1	3	9	14	23	4.3 C61	
Testis	5	0	0	0	0	0	0	0	0	1	0	2	0	0	2	0	0	0	0.4 C62
Penis	12	0	0	0	0	0	0	0	0	2	0	1	1	0	3	1	3	1	1.0 C60
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0 C63
Bladder	44	0	0	0	0	0	0	0	0	1	1	3	2	2	6	8	13	8	3.8 C67
Kidney etc.	13	0	0	0	0	0	1	0	0	0	3	1	2	0	2	1	3	0	1.1 C64-C66;C68
Eye	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2 C69
Brain, nervous system	10	0	0	1	0	0	0	0	0	3	1	0	0	1	0	1	2	0	0.9 C70-C72
Thyroid	5	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	2	0	0.4 C73
Other endocrine	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1 C74-C75
Hodgkin's disease	6	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	1	1	0.5 C81
Non-Hodgkin lymphoma	62	0	0	0	0	2	1	3	4	5	4	5	4	3	7	5	12	7	5.4 C82-C85;C96
Multiple myeloma	6	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	1	0.5 C88;C90
Lymphoid leukaemia	5	0	1	0	0	0	0	0	2	0	1	0	0	0	0	0	0	1	0.4 C91
Myeloid leukaemia	21	0	0	1	1	0	2	0	1	0	2	2	5	2	1	1	3	1	1.8 C92
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0 C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0 C94
Leukaemia unspec.	4	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0.3 C95
Other & unclassified	175	0	0	0	1	2	1	0	9	12	14	14	19	20	22	22	16	23	15.1
All sites	1157	0	4	2	4	8	11	5	31	46	61	96	108	101	146	162	170	202	100.0

Table 23: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2001, FEMALES

Number of cases by Age Group (years)

SITE	All	Age																%	ICD (10th)		
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-			75+	
Lip	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.2	C00
Tongue	7	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	1	2	0	0.5	C01-C02
Salivary gland	3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0.2	C07-C08
Mouth	6	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	3	0.5	C03-C06	
Oropharynx	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	C09-C10	
Nasopharynx	9	0	0	0	0	0	0	1	2	2	0	1	1	0	0	0	2	0	0.7	C11	
Hypopharynx	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	0.5	C12-C13	
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14	
Esophagus	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	0.4	C15	
Stomach	38	0	0	0	0	0	0	0	1	0	4	2	6	2	4	6	5	2	6	3.0	C16
Small intestine	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	C17	
Colon	43	0	0	0	0	0	0	0	2	0	4	4	5	6	2	7	4	2	7	3.3	C18
Rectum	40	0	0	0	0	0	1	0	1	0	5	4	4	0	6	9	5	5	3.1	C19-C21	
Liver	56	0	0	0	0	1	0	2	1	1	2	4	10	2	8	10	7	8	4.4	C22	
Gallbladder etc.	20	0	0	0	0	0	0	0	0	0	0	2	3	3	2	5	2	3	1.6	C23-C24	
Pancreas	12	0	0	0	0	0	0	0	0	0	1	1	1	1	1	4	1	2	0.9	C25	
Nose, sinuses etc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C30-C31	
Larynx	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0.3	C32	
Bronchus, lung	186	0	0	1	0	0	0	0	2	2	3	10	18	15	34	42	28	31	14.5	C33-C34	
Other Thoracic organs	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	C37-C38	
Bone	4	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0.3	C40-C41	
Connective tissue	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0.2	C47-C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46	
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.2	C43	
Other skin	27	0	0	0	0	0	0	0	0	2	0	3	4	1	2	4	5	6	2.1	C44	
Breast	188	0	0	0	0	0	2	0	4	22	29	40	23	20	16	11	7	14	14.6	C50	
Uterus unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C55	
Cervix uteri	223	0	0	0	0	0	0	1	7	10	33	58	29	22	18	13	16	12	4	17.3	C53
Placenta	6	0	0	0	0	0	2	1	1	1	0	1	0	0	0	0	0	0	0.5	C58	
Corpus uteri	28	0	0	0	0	0	0	0	1	2	0	1	6	6	6	1	4	1	2.2	C54	
Ovary etc.	37	0	0	0	1	1	0	2	2	6	5	4	8	4	2	2	0	0	2.9	C56	
Other female genital	15	0	0	0	0	0	0	0	1	0	2	1	1	0	2	2	1	5	1.2	C51-C52;C57	
Bladder	17	0	0	0	0	0	0	0	0	0	0	3	2	1	0	1	5	5	1.3	C67	
Kidney etc.	7	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	2	0.5	C64-C66;C68	
Eye	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2	C69	
Brain, nervous system	6	0	0	0	0	1	1	0	0	1	2	0	0	0	1	0	0	0	0.5	C70-C72	
Thyroid	35	0	0	0	0	0	1	0	4	2	5	4	2	3	3	4	2	5	2.7	C73	
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75	
Hodgkin's disease	5	0	0	0	0	1	0	2	0	0	1	1	0	0	0	0	0	0	0.4	C81	
Non-Hodgkin lymphoma	42	0	1	0	2	0	0	3	1	2	3	3	4	10	3	4	4	2	3.3	C82-C85;C96	
Multiple myeloma	4	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	1	0.3	C88;C90	
Lymphoid leukaemia	7	0	2	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0.5	C91	
Myeloid leukaemia	19	0	0	0	0	4	0	0	1	2	2	0	1	1	0	6	1	1	1.5	C92	
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93	
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94	
Leukaemia unspec.	4	0	1	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0.3	C95	
Other & unclassified	166	0	2	0	1	0	1	3	9	10	12	15	10	13	26	28	21	15	12.9		
All sites	1286	0	7	2	5	9	12	28	43	95	140	143	133	108	142	166	121	132	100.0		

Table 24: CANCER INCIDENCE, CHIANGMAI 2001

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Ages	Age																Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)	
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-							75+
Lip	2	0	0	0	0	0	0	0	0	0	1.4	0	0	0	0	0	0	5.1	0.3	0.2	0.007	0.007	0.2	C00
Tongue	17	0	0	0	0	0	0	0	0	0	0	0	5	8.1	12.9	12.9	28.6	10.2	2.3	1.5	0.13	0.34	2.3	C01-C02
Salivary gland	2	0	0	0	0	0	0	0	0	0	0	0	0	1.7	0	0	5.7	0	0.3	0.2	0.01	0.04	0.2	C07-C08
Mouth	12	0	0	0	0	0	0	0	0	0	1.4	1.7	2.5	4.1	4.3	8.6	5.7	20.5	1.7	1.0	0.07	0.14	1.4	C03-C06
Oropharynx	11	0	0	0	0	0	0	0	0	0	0	0	5	4.1	4.3	4.3	5.7	25.6	1.5	1.0	0.07	0.12	1.3	C09-C10
Nasopharynx	28	0	0	0	0	3.3	0	0	0	4.5	0	8.4	12.6	16.3	8.6	12.9	5.7	15.4	3.9	2.4	0.27	0.36	3.5	C11
Hypopharynx	10	0	0	0	0	0	0	0	0	0	3.4	0	4.1	4.3	4.3	5.7	20.5	1.4	0.9	0.06	0.11	1.2	C12-C13	
Pharynx unspec.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.7	5.1	0.3	0.2	0.00	0.03	0.2	C14
Oesophagus	11	0	0	0	0	0	0	0	0	0	0	0	4.1	8.6	12.9	11.4	15.4	1.5	1.0	0.06	0.18	1.4	C15	
Stomach	47	0	0	0	0	1.6	1.6	0	3.6	1.5	5.8	5	15.1	20.3	21.6	25.8	28.6	41	6.5	4.1	0.37	0.65	5.8	C16
Small intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C17
Colon	42	0	0	0	1.8	0	1.6	0	1.8	1.5	1.4	6.7	15.1	12.2	4.3	12.9	45.8	61.4	5.8	3.6	0.22	0.52	4.9	C18
Rectum	31	0	0	0	0	0	0	0	3.6	3	2.9	8.4	5	4.1	30.2	0	34.3	20.5	4.3	2.7	0.29	0.46	3.8	C19-C21
Liver	136	0	0	0	0	0	0	0	9	7.5	18.8	42	48	40.7	60.4	68.8	85.8	71.7	18.7	11.8	1.13	1.89	16.3	C22
Gallbladder etc.	11	0	0	0	0	0	0	0	1.8	0	0	0	2.5	8.1	8.6	4.3	5.7	15.4	1.5	1.0	0.10	0.15	1.5	C23-C24
Pancreas	9	0	0	0	0	0	0	0	0	0	0	3.4	0	4.1	4.3	4.3	17.2	5.1	1.2	0.8	0.06	0.17	1.1	C25
Nose, sinuses etc	7	0	0	0	0	0	1.6	1.9	0	1.5	0	0	5	4.1	4.3	0	0	0	1.0	0.6	0.08	0.08	1.0	C30-C31
Larynx	22	0	0	0	0	0	0	0	0	0	0	0	0	4.1	12.9	8.6	45.8	41	3.0	1.9	0.08	0.36	2.7	C32
Bronchus, lung	286	0	0	0	0	0	0	0	0	7.5	13	28.6	65.6	130.1	194.2	279.5	234.6	235.5	39.4	24.7	2.17	4.65	37.0	C33-C34
Other Thoracic organs	2	0	0	0	0	0	0	0	0	1.5	1.4	0	0	0	0	0	0	0	0.3	0.2	0.01	0.01	0.2	C37-C38
Bone	2	0	0	0	0	1.6	1.9	0	0	0	0	0	0	0	0	0	0	5.1	0.3	0.2	0.01	0.01	0.3	C40-C41
Connective tissue	3	0	0	0	0	0	0	0	0	1.5	0	0	2.5	0	4.3	0	0	0	0.4	0.3	0.04	0.04	0.4	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C45
Kaposi's sarcoma	2	0	0	0	0	0	1.6	1.9	0	0	0	0	0	0	0	0	0	0	0.3	0.2	0.01	0.01	0.3	C46
Melanoma of skin	7	0	0	0	0	0	0	0	0	1.5	1.4	0	0	0	8.6	0	0	15.4	1.0	0.6	0.06	0.06	0.8	C43
Other skin	30	0	0	0	0	0	1.6	0	0	0	2.9	1.7	7.6	12.2	21.6	8.6	28.6	41	4.1	2.6	0.23	0.42	3.8	C44
Breast	4	0	0	0	0	0	1.6	0	0	1.5	0	0	0	0	4.3	0	0	5.1	0.6	0.3	0.01	0.04	0.4	C50
Prostate	50	0	0	0	0	0	0	0	0	0	0	0	4.1	12.9	38.7	80.1	117.7	6.9	4.3	0.08	0.68	5.8	C61	
Testis	5	0	0	0	0	0	0	0	0	1.5	0	3.4	0	0	8.6	0	0	0	0.7	0.4	0.02	0.07	0.6	C62
Penis	12	0	0	0	0	0	0	0	0	3	0	1.7	2.5	0	12.9	4.3	17.2	5.1	1.7	1.0	0.10	0.21	1.5	C60
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C63
Bladder	44	0	0	0	0	0	0	0	0	1.5	1.4	5	5	8.1	25.9	34.4	74.4	41	6.1	3.8	0.23	0.78	5.4	C67
Kidney etc.	13	0	0	0	0	0	1.6	0	0	0	4.3	1.7	5	0	8.6	4.3	17.2	0	1.8	1.1	0.10	0.21	1.6	C64-C66;C68
Eye	2	0	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.1	0.3	0.2	0.01	0.01	0.4	C69
Brain, nervous system	10	0	0	1.9	0	0	0	0	5.4	1.5	0	0	2.5	0	4.3	8.6	0	5.1	1.4	0.9	0.08	0.12	1.3	C70-C72
Thyroid	5	0	0	0	0	0	0	0	1.8	0	1.4	0	2.5	0	0	0	11.4	0	0.7	0.4	0.03	0.09	0.6	C73
Other endocrine	1	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.2	C74-C75
Hodgkin's disease	6	0	2.3	0	0	0	0	0	1.8	0	0	1.7	0	0	4.3	0	5.7	5.1	0.8	0.5	0.05	0.08	0.9	C81
Non-Hodgkin lymphoma	62	0	0	0	0	3.3	1.6	5.7	7.2	7.5	5.8	8.4	10.1	12.2	30.2	21.5	68.7	35.8	8.5	5.4	0.45	0.88	7.5	C82-C85;C96
Multiple myeloma	6	0	0	0	0	0	0	0	0	1.5	1.4	1.7	0	0	4.3	4.3	0	5.1	0.8	0.5	0.04	0.07	0.7	C88;C90
Lymphoid leukaemia	5	0	2.3	0	0	0	0	0	3.6	0	1.4	0	0	0	0	0	0	5.1	0.7	0.4	0.04	0.04	0.7	C91
Myeloid leukaemia	21	0	0	1.9	1.8	0	3.1	0	0	1.5	0	3.4	5	20.3	8.6	4.3	5.7	15.4	2.9	1.8	0.21	0.28	2.9	C92
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C94
Leukaemia unspec.	4	0	2.3	0	0	0	0	0	0	0	1.4	0	0	4.1	4.3	0	0	0	0.6	0.3	0.06	0.06	0.7	C95
Other & unclassified	175	0	0	0	1.8	3.3	1.6	0	16.3	18.1	20.2	23.5	48	81.3	94.9	94.6	91.6	117.7	24.1	15.1	1.53	2.45	21.7	
All sites	1157	0	9.2	3.8	7.2	13.1	17.5	9.5	55.9	69.1	87.7	161.5	272.1	410.9	629.5	696.6	972.6	1034.2	159.2	100.0	8.284	15.66	144.2	

Table 25: CANCER INCIDENCE, CHIANGMAI 2001

Incidence per 100,000 by Age Group (years) - FEMALES

SITE	All Ages	Age																Crude		CR	CR	ASR	ICD (10th)	
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64	74		(W)
Lip	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.9	5.1	0	0.3	0.2	0.00	0.04	0.2	C00
Tongue	7	0	0	0	0	0	0	1.8	0	1.4	1.3	1.6	0	0	0	3.9	10.3	0	0.9	0.5	0.03	0.09	0.7	C01-C02
Salivary gland	3	0	0	0	0	0	1.6	0	1.7	0	0	0	0	0	4	0	0	0.4	0.2	0.03	0.04	0.4	C07-C08	
Mouth	6	0	0	0	0	0	0	0	0	0	1.3	0	0	4.2	0	3.9	0	13.1	0.8	0.5	0.03	0.05	0.6	C03-C06
Oropharynx	1	0	0	0	0	0	0	0	0	0	0	1.6	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.1	C09-C10
Nasopharynx	9	0	0	0	0	0	1.6	3.6	3.3	0	1.3	1.6	0	0	0	0	10.3	0	1.2	0.7	0.05	0.09	1.0	C11
Hypopharynx	6	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3.9	5.1	13.1	0.8	0.5	0.02	0.06	0.6	C12-C13
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C14
Esophagus	5	0	0	0	0	0	0	0	0	0	0	0	2.4	0	0	7.8	0	8.7	0.7	0.4	0.01	0.05	0.5	C15
Stomach	38	0	0	0	0	0	0	1.8	0	5.4	2.7	9.5	4.9	16.6	24.1	19.6	10.3	26.2	5.1	3.0	0.32	0.46	4.4	C16
Small intestine	1	0	0	0	0	0	0	0	0	0	0	0	2.4	0	0	0	0	0	0.1	0.1	0.01	0.01	0.1	C17
Colon	43	0	0	0	0	0	0	3.6	0	5.4	5.4	7.9	14.6	8.3	28.2	15.7	10.3	30.6	5.7	3.3	0.37	0.48	4.9	C18
Rectum	40	0	0	0	0	0	1.6	0	1.7	0	6.7	6.3	9.7	0	24.1	35.2	25.7	21.8	5.3	3.1	0.24	0.55	4.5	C19-C21
Liver	56	0	0	0	0	1.7	0	3.6	1.7	1.4	2.7	6.3	24.4	8.3	32.2	39.1	36	34.9	7.4	4.4	0.41	0.77	6.6	C22
Gallbladder etc.	20	0	0	0	0	0	0	0	0	0	0	3.2	7.3	12.5	8	19.6	10.3	13.1	2.7	1.6	0.15	0.30	2.4	C23-C24
Pancreas	12	0	0	0	0	0	0	0	0	0	1.3	1.6	2.4	4.2	4	15.7	5.1	8.7	1.6	0.9	0.07	0.17	1.4	C25
Nose, sinuses etc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C30-C31
Larynx	4	0	0	0	0	0	0	0	0	0	0	0	0	4.2	0	0	10.3	4.4	0.5	0.3	0.02	0.07	0.5	C32
Bronchus, lung	186	0	0	2	0	0	0	0	3.3	2.7	4	15.8	43.8	62.3	136.7	164.3	144.1	135.3	24.7	14.5	1.34	2.85	22.4	C33-C34
Other Thoracic organs	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.1	0	0.1	0.1	0.00	0.03	0.1	C37-C38
Bone	4	0	0	0	1.9	0	0	1.8	1.7	0	0	0	0	0	0	0	5.1	0	0.5	0.3	0.03	0.04	0.5	C40-C41
Connective tissue	2	0	0	0	0	0	1.6	1.8	0	0	0	0	0	0	0	0	0	0	0.3	0.2	0.01	0.01	0.3	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C45
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C46
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	0	1.6	0	0	0	0	5.1	0	0.3	0.2	0.01	0.03	0.2	C43
Other skin	27	0	0	0	0	0	0	0	0	2.7	0	4.7	9.7	4.2	8	15.7	25.7	26.2	3.6	2.1	0.15	0.35	2.9	C44
Breast	188	0	0	0	0	0	3.1	0	6.6	29.9	39	63.3	56	83.1	64.4	43	36	61.1	25.0	14.6	1.70	2.10	20.5	C50
Uterus unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C55
Cervix uteri	223	0	0	0	0	0	1.6	12.8	16.6	44.9	78.1	45.9	53.6	74.8	52.3	62.6	61.7	17.5	29.6	17.3	1.88	2.43	23.5	C53
Placenta	6	0	0	0	0	0	3.1	1.8	1.7	1.4	0	1.6	0	0	0	0	0	0	0.8	0.5	0.03	0.04	0.7	C58
Corpus uteri	28	0	0	0	0	0	0	0	1.7	2.7	0	1.6	14.6	24.9	24.1	3.9	20.6	4.4	3.7	2.2	0.35	0.47	3.7	C54
Ovary etc.	37	0	0	0	1.9	1.7	0	3.6	3.3	8.2	6.7	6.3	19.5	16.6	8	7.8	0	0	4.9	2.9	0.38	0.40	4.3	C56
Other female genital	15	0	0	0	0	0	0	0	1.7	0	2.7	1.6	2.4	0	8	7.8	5.1	21.8	2.0	1.2	0.08	0.15	1.6	C51-C52;C57
Bladder	17	0	0	0	0	0	0	0	0	0	0	4.7	4.9	4.2	0	3.9	25.7	21.8	2.3	1.3	0.07	0.22	1.8	C67
Kidney etc.	7	0	0	0	0	0	0	0	0	0	0	2.4	4.2	4	7.8	0	0	8.7	0.9	0.5	0.05	0.09	0.9	C64-C66;C68
Eye	2	0	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.4	0.3	0.2	0.01	0.01	0.4	C69
Brain, nervous system	6	0	0	0	0	1.7	1.6	0	0	1.4	2.7	0	0	0	4	0	0	0	0.8	0.5	0.05	0.06	0.7	C70-C72
Thyroid	35	0	0	0	0	0	1.6	0	6.6	2.7	6.7	6.3	4.9	12.5	12.1	15.7	10.3	21.8	4.7	2.7	0.26	0.40	3.8	C73
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C74-C75
Hodgkin's disease	5	0	0	0	0	1.7	0	3.6	0	0	1.3	1.6	0	0	0	0	0	0	0.7	0.4	0.04	0.02	0.6	C81
Non-Hodgkin lymphoma	42	0	2.4	0	3.8	0	0	5.5	1.7	2.7	4	4.7	9.7	41.5	12.1	15.7	20.6	8.7	5.6	3.3	0.44	0.59	5.6	C82-C85;C96
Multiple myeloma	4	0	0	0	0	0	0	0	0	0	0	3.2	0	4.2	0	0	5.1	0	0.5	0.3	0.04	0.06	0.5	C88;C90
Lymphoid leukaemia	7	0	4.9	2	0	1.7	0	0	1.7	0	0	0	2.4	0	4	0	0	0	0.9	0.5	0.08	0.08	1.3	C91
Myeloid leukaemia	19	0	0	0	0	6.6	0	0	1.7	2.7	2.7	0	2.4	4.2	0	23.5	5.1	4.4	2.5	1.5	0.10	0.24	2.2	C92
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C94
Leukaemia unspec.	4	0	2.4	0	0	0	0	0	0	0	1.3	0	4.9	0	0	0	0	0	0.5	0.3	0.04	0.04	0.6	C95
Other & unclassified	166	0	4.9	0	1.9	0	1.6	5.5	15	13.6	16.2	23.7	24.4	54	104.6	109.6	108.1	65.5	22.1	12.9	1.31	2.36	19.7	
All sites	1286	0	17	4.0	9.5	15.1	19.0	50.8	71.7	129.2	188.1	226.2	323.7	449.0	570.9	649.6	622.2	576.2	170.9	100.0	9.77	15.19	147.6	

Table 26: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2002, MALES

Number of cases by Age Group (years)

SITE	All	Age																% ICD (10th)			
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-		75+		
Lip	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C00
Tongue	9	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	5	0.7	C01-C02
Salivary gland	4	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0.3	C07-C08
Mouth	12	0	0	0	0	0	0	0	0	0	0	2	2	3	1	1	2	1	1.0	C03-C06	
Oropharynx	6	0	0	0	0	0	0	0	1	0	0	0	1	3	0	0	0	1	0.5	C09-C10	
Nasopharynx	21	0	0	0	0	3	0	0	1	0	4	2	4	1	3	1	1	1	1.7	C11	
Hypopharynx	5	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	0.4	C12-C13	
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14	
Esophagus	11	0	0	0	0	0	0	0	0	0	0	2	1	1	1	3	1	2	0.9	C15	
Stomach	58	0	0	0	0	0	0	1	0	1	2	5	4	7	7	16	6	9	4.8	C16	
Small intestine	3	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0.2	C17	
Colon	44	0	0	0	0	0	1	0	1	1	5	2	4	3	6	7	10	4	3.6	C18	
Rectum	42	0	0	0	0	0	0	0	1	2	1	4	2	7	3	8	6	8	3.5	C19-C21	
Liver	193	0	0	1	0	1	0	0	4	5	31	22	22	20	25	19	25	18	15.9	C22	
Gallbladder etc.	18	0	0	0	0	0	0	0	0	0	2	2	3	3	1	2	5	0	1.5	C23-C24	
Pancreas	11	0	0	0	0	0	0	0	0	1	2	1	0	1	2	0	2	2	0.9	C25	
Nose, sinuses etc	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0.3	C30-C31	
Larynx	13	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	5	4	1.1	C32	
Bronchus, lung	261	0	0	0	0	1	0	0	0	4	11	15	29	23	36	39	58	45	21.6	C33-C34	
Other Thoracic organs	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	C37-C38	
Bone	8	0	0	1	4	1	1	0	0	0	0	0	1	0	0	0	0	0	0.7	C40-C41	
Connective tissue	10	0	0	0	0	0	1	1	2	2	0	1	0	1	0	1	0	1	0.8	C47;C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46	
Melanoma of skin	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	C43	
Other skin	30	0	0	0	0	0	0	0	1	0	1	2	2	1	3	5	4	11	2.5	C44	
Breast	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0.2	C50	
Prostate	51	0	0	0	0	0	0	0	1	0	0	1	0	0	3	7	10	29	4.2	C61	
Testis	7	0	0	0	0	0	0	0	0	1	0	4	0	0	0	1	1	0	0.6	C62	
Penis	13	0	0	0	0	0	0	0	0	1	1	4	0	0	2	1	4	0	1.1	C60	
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C63	
Bladder	38	0	0	0	0	0	0	0	0	2	0	4	3	3	2	8	5	11	3.1	C67	
Kidney etc.	18	0	1	0	0	0	0	0	0	1	2	0	0	2	5	2	3	2	1.5	C64-C66;C68	
Eye	5	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0.4	C69	
Brain, nervous system	18	0	1	2	2	0	2	0	0	0	2	1	2	1	1	2	2	0	1.5	C70-C72	
Thyroid	11	0	0	0	0	0	2	0	0	1	0	2	2	0	3	1	0	0	0.9	C73	
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75	
Hodgkin's disease	5	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	1	1	0.4	C81	
Non-Hodgkin lymphoma	56	0	0	2	0	3	1	1	6	2	6	9	5	4	3	4	3	7	4.6	C82-C85;C96	
Multiple myeloma	8	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	2	1	0.7	C88;C90	
Lymphoid leukaemia	10	0	0	2	3	1	1	1	0	0	0	0	0	0	0	1	1	0	0.8	C91	
Myeloid leukaemia	19	0	0	0	0	0	0	1	1	3	1	4	3	0	0	2	1	3	1.6	C92	
Monocytic leukaemia	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0.2	C93	
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94	
Leukaemia unspec.	3	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0.2	C95	
Other & unclassified	178	0	0	0	1	0	0	7	6	8	14	15	18	19	16	32	24	18	14.7		
All sites	1211	0	5	8	12	10	10	14	28	36	89	108	113	105	128	170	187	188	100.0		

Table 27: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2002, FEMALES

Number of cases by Age Group (years)

SITE	All	Age																%	ICD (10th)		
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-			75+	
Lip	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C00
Tongue	8	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	2	0.6	C01-C02	
Salivary gland	4	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0.3	C07-C08	
Mouth	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	5	0.6	C03-C06	
Oropharynx	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0.2	C09-C10	
Nasopharynx	10	0	0	0	0	0	0	0	1	3	0	2	1	1	1	1	0	0	0.7	C11	
Hypopharynx	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0.2	C12-C13	
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14	
Esophagus	9	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	0.7	C15		
Stomach	44	0	0	0	0	0	1	2	1	4	3	3	3	4	2	8	10	3	3.2	C16	
Small intestine	3	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0.2	C17		
Colon	57	0	0	0	0	1	1	0	2	1	5	8	6	9	5	11	8	4.1	C18		
Rectum	39	0	0	0	0	0	0	1	1	2	4	2	4	7	1	4	6	7	2.8	C19-C21	
Liver	85	0	0	0	0	0	0	1	1	4	5	8	12	7	10	9	15	13	6.2	C22	
Gallbladder etc.	22	0	0	0	0	0	0	0	0	2	0	1	0	0	3	5	6	5	1.6	C23-C24	
Pancreas	9	0	0	0	0	0	0	0	0	0	0	2	0	1	3	3	0	0.7	C25		
Nose, sinuses etc	5	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1	0	0.4	C30-C31	
Larynx	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.1	C32	
Bronchus, lung	204	0	0	0	0	0	0	2	0	2	5	9	25	13	25	52	37	34	14.8	C33-C34	
Other Thoracic organs	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0.1	C37-C38	
Bone	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	C40-C41	
Connective tissue	10	0	1	1	1	2	0	2	0	1	1	1	1	0	0	0	0	0	0.7	C47-C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46	
Melanoma of skin	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0.2	C43	
Other skin	32	0	0	0	1	0	0	0	2	1	0	3	2	1	3	6	5	8	2.3	C44	
Breast	190	0	0	0	0	0	0	7	11	14	24	39	33	15	12	20	6	9	13.8	C50	
Uterus unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C55	
Cervix uteri	232	0	0	0	0	0	0	1	1	9	20	54	42	22	28	12	18	13	12	16.9	C53
Placenta	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C58	
Corpus uteri	24	0	0	0	0	0	0	0	0	0	2	8	2	4	3	4	1	0	1.7	C54	
Ovary etc.	51	0	0	0	0	3	3	3	2	4	6	7	6	4	5	4	2	2	3.7	C56	
Other female genital	11	0	0	0	0	0	0	0	0	0	1	0	3	2	0	2	1	2	0.8	C51-C52;C57	
Bladder	27	0	0	0	0	0	0	0	2	0	1	3	1	3	3	4	2	8	2.0	C67	
Kidney etc.	7	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	4	0.5	C64-C66;C68	
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C69	
Brain, nervous system	21	0	0	1	2	0	1	0	2	0	3	1	3	2	4	1	0	1	1.5	C70-C72	
Thyroid	40	0	0	0	0	1	4	1	4	6	4	6	5	1	2	2	2	2	2.9	C73	
Other endocrine	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C74-C75	
Hodgkin's disease	4	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	1	0	0.3	C81	
Non-Hodgkin lymphoma	33	0	0	2	0	1	0	1	1	5	3	5	4	3	1	0	3	4	2.4	C82-C85;C96	
Multiple myeloma	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0.1	C88;C90	
Lymphoid leukaemia	9	0	2	0	2	1	0	0	0	1	1	0	0	0	1	0	1	0	0.7	C91	
Myeloid leukaemia	23	0	0	0	2	2	4	0	1	5	1	2	2	1	0	0	2	1	1.7	C92	
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93	
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94	
Leukaemia unspec.	3	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0.2	C95	
Other & unclassified	132	0	0	1	0	1	2	4	2	6	9	11	13	9	15	25	20	14	9.6		
All sites	1375	0	3	5	9	12	18	25	41	82	133	167	158	112	121	179	157	153	100.0		

Table 28: CANCER INCIDENCE, CHIANGMAI 2002

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Ages	Age																Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)		
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-							75+	
Lip	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.8	0.1	0.1	0	0	0.1	C00
Tongue	9	0	0	0	0	0	0	0	0	0	1.4	0	2.3	0	4.3	0	5.4	24.2	1.2	0.7	0.04	0.07	1.0	C01-C02	
Salivary gland	4	0	0	0	1.8	0	0	0	0	0	0	0	1.6	2.3	0	0	5.4	0	0.6	0.3	0.03	0.06	0.5	C07-C08	
Mouth	12	0	0	0	0	0	0	0	0	0	0	3.2	4.7	11.6	4.3	4.4	10.8	4.8	1.7	1.0	0.12	0.19	1.5	C03-C06	
Oropharynx	6	0	0	0	0	0	0	0	1.8	0	0	0	2.3	11.6	0	0	0	4.8	0.8	0.5	0.08	0.08	0.8	C09-C10	
Nasopharynx	21	0	0	0	0	5.2	0	0	1.8	0	5.8	3.2	9.4	3.9	13	4.4	5.4	4.8	2.9	1.7	0.21	0.26	2.6	C11	
Hypopharynx	5	0	0	0	0	0	0	0	0	0	0	3.2	0	3.9	0	10.8	0	0	0.7	0.4	0.04	0.09	0.6	C12-C13	
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C14	
Oesophagus	11	0	0	0	0	0	0	0	0	0	0	3.2	2.3	3.9	4.3	13.3	5.4	9.7	1.5	0.9	0.07	0.16	1.3	C15	
Stomach	58	0	0	0	0	0	0	1.9	0	1.6	2.9	8	9.4	27	30.4	70.7	32.5	43.5	8.0	4.8	0.41	0.91	7.3	C16	
Small intestine	3	0	0	0	0	0	0	0	1.8	0	1.4	0	0	0	0	4.4	0	0	0.4	0.2	0.02	0.04	0.3	C17	
Colon	44	0	0	0	0	0	1.6	0	1.8	1.6	7.2	3.2	9.4	11.6	26	31	54.1	19.3	6.1	3.6	0.30	0.73	5.3	C18	
Rectum	42	0	0	0	0	0	0	0	1.8	3.1	1.4	6.4	4.7	27	13	35.4	32.5	38.7	5.8	3.5	0.29	0.62	5.1	C19-C21	
Liver	193	0	0	1.9	0	1.7	0	0	7.4	7.8	44.8	35.2	51.7	77.2	108.5	84	135.2	87	26.6	15.9	1.67	2.74	23.0	C22	
Gallbladder etc.	18	0	0	0	0	0	0	0	0	0	2.9	3.2	7	11.6	4.3	8.8	27	0	2.5	1.5	0.14	0.32	2.2	C23-C24	
Pancreas	11	0	0	0	0	0	0	0	0	1.6	2.9	1.6	0	3.9	8.7	0	10.8	9.7	1.5	0.9	0.09	0.15	1.3	C25	
Nose, sinuses etc	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4.3	4.4	0	9.7	0.6	0.3	0.02	0.04	0.5	C30-C31	
Larynx	13	0	0	0	0	0	0	0	0	1.6	0	0	2.3	0	0	8.8	27	19.3	1.8	1.1	0.02	0.20	1.4	C32	
Bronchus, lung	261	0	0	0	0	1.7	0	0	0	6.3	15.9	24	68.1	88.7	156.3	172.4	313.8	217.6	35.9	21.6	1.79	4.15	31.9	C33-C34	
Other Thoracic organs	1	0	0	0	0	0	1.6	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.00	0.01	0.1	C37-C38	
Bone	8	0	0	1.9	7.2	1.7	1.6	0	0	0	0	0	2.3	0	0	0	0	0	1.1	0.7	0.07	0.07	1.2	C40-C41	
Connective tissue	10	0	0	0	0	0	1.6	1.9	3.7	3.1	0	1.6	0	3.9	0	4.4	0	4.8	1.4	0.8	0.07	0.09	1.2	C47;C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C45	
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C46	
Melanoma of skin	1	0	0	0	0	0	0	0	0	0	0	0	0	3.9	0	0	0	0	0.1	0.1	0.02	0.02	0.2	C43	
Other skin	30	0	0	0	0	0	0	0	1.8	0	1.4	3.2	4.7	3.9	13	22.1	21.6	53.2	4.1	2.5	0.14	0.36	3.5	C44	
Breast	2	0	0	0	0	0	0	0	0	0	0	0	2.3	0	4.3	0	0	0	0.3	0.2	0.03	0.03	0.3	C50	
Prostate	51	0	0	0	0	0	0	0	1.8	0	0	1.6	0	0	13	31	54.1	140.2	7.0	4.2	0.08	0.51	5.5	C61	
Testis	7	0	0	0	0	0	0	0	0	1.6	0	6.4	0	0	0	4.4	5.4	0	1.0	0.6	0.04	0.09	0.7	C62	
Penis	13	0	0	0	0	0	0	0	0	1.6	1.4	6.4	0	0	8.7	4.4	21.6	0	1.8	1.1	0.09	0.22	1.5	C60	
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C63	
Bladder	38	0	0	0	0	0	0	0	0	3.1	0	6.4	7	11.6	8.7	35.4	27	53.2	5.2	3.1	0.18	0.49	4.4	C67	
Kidney etc.	18	0	2.4	0	0	0	0	0	0	1.6	2.9	0	0	7.7	21.7	8.8	16.2	9.7	2.5	1.5	0.18	0.31	2.5	C64-C66;C68	
Eye	5	0	7.2	0	0	0	0	0	1.8	0	0	0	0	0	0	0	5.4	0	0.7	0.4	0.04	0.07	1.1	C69	
Brain, nervous system	18	0	2.4	3.8	3.6	0	3.2	0	0	0	2.9	1.6	4.7	3.9	4.3	8.8	10.8	0	2.5	1.5	0.14	0.25	2.6	C70-C72	
Thyroid	11	0	0	0	0	0	3.2	0	0	1.6	0	3.2	4.7	0	13	4.4	0	0	1.5	0.9	0.11	0.15	1.4	C73	
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C74-C75	
Hodgkin's disease	5	0	0	0	1.8	0	0	0	0	0	1.4	0	0	0	0	4.4	5.4	4.8	0.7	0.4	0.02	0.06	0.6	C81	
Non-Hodgkin lymphoma	56	0	0	3.8	0	5.2	1.6	1.9	11.1	3.1	8.7	14.4	11.7	15.4	13	17.7	16.2	33.9	7.7	4.6	0.44	0.61	6.6	C82-C85;C96	
Multiple myeloma	8	0	0	0	0	0	0	0	0	0	1.4	0	2.3	0	8.7	4.4	10.8	4.8	1.1	0.7	0.06	0.14	1.0	C88;C90	
Lymphoid leukaemia	10	0	0	3.8	5.4	1.7	1.6	1.9	0	0	0	0	0	0	0	4.4	5.4	0	1.4	0.8	0.06	0.11	1.5	C91	
Myeloid leukaemia	19	0	0	0	0	0	0	1.9	1.8	4.7	1.4	6.4	7	0	0	8.8	5.4	14.5	2.6	1.6	0.12	0.18	2.0	C92	
Monocytic leukaemia	3	0	0	0	0	0	0	3.7	0	0	0	0	0	0	0	0	0	4.8	0.4	0.2	0.02	0.00	0.4	C93	
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C94	
Leukaemia unspec.	3	0	0	0	0	0	0	0	1.8	0	0	1.6	0	0	0	4.4	0	0	0.4	0.2	0.02	0.04	0.3	C95	
Other & unclassified	178	0	0	0	1.8	0	0	13.1	11.1	12.5	20.2	24	42.3	73.3	69.4	141.5	129.8	87	24.5	14.7	1.33	2.60	21.7		
All sites	1211	0	12.0	15.2	21.6	17.2	16.0	26.3	51.3	56.5	128.3	172.8	264.9	405.5	555.2	751.3	1011.2	908.8	166.8	100.0	8.272	15.97	147.1		

Table 29: CANCER INCIDENCE, CHIANGMAI 2002

Incidence per 100,000 by Age Group (years) - FEMALES

SITE	All Ages	Age Unk.	Age Group (years)															Crude		CR	CR	ASR	ICD (10th)	
			0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64	74		(W)
Lip	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.1	0.1	0.1	0.00	0.00	0.1	C00
Tongue	8	0	0	0	0	0	0	0	0	0	0	3	2.2	0	12.3	0	0	8.3	1.1	0.6	0.09	0.09	0.9	C01-C02
Salivary gland	4	0	0	0	0	0	0	0	0	0	1.3	1.5	2.2	0	0	0	4.1	0.5	0.3	0.02	0.02	0.4	C07-C08	
Mouth	8	0	0	0	0	0	0	0	0	0	0	0	0	3.9	0	4	4.8	20.7	1.1	0.6	0.02	0.06	0.8	C03-C06
Oropharynx	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	4.8	0	0.4	0.2	0.01	0.04	0.3	C09-C10
Nasopharynx	10	0	0	0	0	0	0	0	1.7	4.2	0	3	2.2	3.9	4.1	4	0	0	1.3	0.7	0.10	0.12	1.1	C11
Hypopharynx	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.6	4.1	0.4	0.2	0.00	0.05	0.3	C12-C13
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C14
Esophagus	9	0	0	0	0	0	0	0	0	0	0	0	0	4.1	8	14.5	12.4	1.2	0.7	0.02	0.13	0.9	C15	
Stomach	44	0	0	0	0	0	1.6	3.7	1.7	5.6	4	4.5	6.7	15.5	8.2	31.9	48.2	12.4	5.8	3.2	0.25	0.64	4.8	C16
Small intestine	3	0	0	0	0	0	0	0	0	0	1.3	0	0	0	0	4	0	4.1	0.4	0.2	0.01	0.03	0.3	C17
Colon	57	0	0	0	0	1.7	1.6	0	0	2.8	1.3	7.5	17.9	23.3	37	20	53	33	7.6	4.1	0.46	0.83	6.6	C18
Rectum	39	0	0	0	0	0	0	1.8	1.7	2.8	5.3	3	9	27.1	4.1	16	28.9	28.9	5.2	2.8	0.27	0.49	4.2	C19-C21
Liver	85	0	0	0	0	0	1.8	1.7	5.6	6.7	11.9	26.9	27.1	41.2	35.9	72.3	53.7	11.3	6.2	0.61	1.14	9.4	C22	
Gallbladder etc.	22	0	0	0	0	0	0	0	0	2.8	0	1.5	0	0	12.3	20	28.9	20.7	2.9	1.6	0.08	0.33	2.3	C23-C24
Pancreas	9	0	0	0	0	0	0	0	0	0	0	4.5	0	4.1	12	14.5	0	1.2	0.7	0.04	0.18	1.0	C25	
Nose, sinuses etc	5	0	0	0	1.9	0	0	0	1.7	0	0	1.5	0	0	0	4	4.8	0	0.7	0.4	0.03	0.07	0.6	C30-C31
Larynx	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.8	4.1	0.3	0.1	0.00	0.02	0.2	C32
Bronchus, lung	204	0	0	0	0	0	3.7	0	2.8	6.7	13.4	56	50.4	102.9	207.6	178.3	140.4	27.0	14.8	1.17	3.04	23.2	C33-C34	
Other Thoracic organs	2	0	0	0	0	0	0	0	1.4	0	1.5	0	0	0	0	0	0	0.3	0.1	0.01	0.01	0.2	C37-C38	
Bone	1	0	0	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.1	C40-C41
Connective tissue	10	0	2.5	2	1.9	3.5	0	3.7	0	0	1.3	1.5	2.2	0	0	0	0	1.3	0.7	0.09	0.07	1.6	C47-C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C45
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C46
Melanoma of skin	3	0	0	0	0	0	0	0	0	0	0	0	0	0	8.2	0	4.8	0	0.4	0.2	0.04	0.06	0.4	C43
Other skin	32	0	0	0	1.9	0	0	0	3.4	1.4	0	4.5	4.5	3.9	12.3	24	24.1	33	4.2	2.3	0.16	0.40	3.5	C44
Breast	190	0	0	0	0	0	12.8	18.7	19.7	32	58.1	73.9	58.2	49.4	79.9	28.9	37.2	25.2	13.8	1.60	2.07	20.4	C50	
Uterus unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C55	
Cervix uteri	232	0	0	0	0	0	1.6	1.8	15.3	28.2	72	62.6	49.2	108.6	49.4	71.9	62.7	49.6	30.8	16.9	1.92	2.57	24.1	C53
Placenta	1	0	0	0	0	0	0	0	0	0	1.3	0	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.1	C58
Corpus uteri	24	0	0	0	0	0	0	0	0	0	2.7	11.9	4.5	15.5	12.3	16	4.8	0	3.2	1.7	0.23	0.34	2.8	C54
Ovary etc.	51	0	0	0	0	5.2	4.8	5.5	3.4	5.6	8	10.4	13.4	15.5	20.6	16	9.6	8.3	6.8	3.7	0.44	0.56	5.9	C56
Other female genital	11	0	0	0	0	0	0	0	0	0	1.3	0	6.7	7.8	0	8	4.8	8.3	1.5	0.8	0.08	0.14	1.2	C51-C52;C57
Bladder	27	0	0	0	0	0	0	0	3.4	0	1.3	4.5	2.2	11.6	12.3	16	9.6	33	3.6	2.0	0.18	0.30	3.0	C67
Kidney etc.	7	0	0	0	0	0	0	0	0	0	0	4.5	0	4.1	0	0	16.5	0.9	0.5	0.04	0.04	0.7	C64-C66;C68	
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C69
Brain, nervous system	21	0	0	2	3.8	0	1.6	0	3.4	0	4	1.5	6.7	7.8	16.5	4	0	4.1	2.8	1.5	0.23	0.26	2.7	C70-C72
Thyroid	40	0	0	0	0	1.7	6.4	1.8	6.8	8.5	5.3	8.9	11.2	3.9	8.2	8	9.6	8.3	5.3	2.9	0.28	0.39	4.2	C73
Other endocrine	1	0	0	0	0	0	0	0	0	0	1.3	0	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.1	C74-C75
Hodgkin's disease	4	0	0	0	0	0	0	0	0	0	0	4.5	0	4.1	0	4.8	0	0.5	0.3	0.04	0.07	0.5	C81	
Non-Hodgkin lymphoma	33	0	0	4	0	1.7	0	1.8	1.7	7	4	7.5	9	11.6	4.1	0	14.5	16.5	4.4	2.4	0.26	0.32	3.6	C82-C85;C96
Multiple myeloma	2	0	0	0	0	0	0	0	0	0	0	1.5	0	0	0	4	0	0	0.3	0.1	0.01	0.03	0.2	C88;C90
Lymphoid leukaemia	9	0	5.1	0	3.8	1.7	0	0	0	1.4	1.3	0	0	0	4.1	0	4.8	0	1.2	0.7	0.09	0.11	1.5	C91
Myeloid leukaemia	23	0	0	0	3.8	3.5	6.4	0	1.7	7	1.3	3	4.5	3.9	0	0	9.6	4.1	3.0	1.7	0.14	0.22	2.6	C92
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C94
Leukaemia unspec.	3	0	0	0	0	0	1.6	0	0	0	1.3	0	0	0	0	0	4.1	0.4	0.2	0.01	0.01	0.3	C95	
Other & unclassified	132	0	0	2	0	1.7	3.2	7.3	3.4	8.5	12	16.4	29.1	34.9	61.7	99.8	96.4	57.8	17.5	9.6	0.88	1.83	15.0	
All sites	1375	0	7.6	10.0	17.1	20.7	28.8	45.7	69.7	115.3	177.0	249.1	353.7	434.4	497.6	715.0	756.4	631.8	182.2	100.0	9.51	15.85	152.1	

Table 30: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2003, MALES

Number of cases by Age Group (years)

SITE	All	Age																%	ICD (10th)	
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-			75+
Lip	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0.2	C00
Tongue	10	0	0	0	0	0	1	0	1	0	1	1	0	2	0	0	3	1	0.8	C01-C02
Salivary gland	3	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0.2	C07-C08
Mouth	12	0	0	0	0	0	0	0	0	0	0	1	1	1	0	4	1	4	0.9	C03-C06
Oropharynx	12	0	0	0	0	0	0	1	0	0	2	1	1	0	1	1	2	3	0.9	C09-C10
Nasopharynx	25	0	0	0	0	0	1	1	1	2	6	2	5	2	0	5	0	0	1.9	C11
Hypopharynx	8	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	5	0.6	C12-C13
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14
Esophagus	13	0	0	0	0	0	0	0	0	0	0	0	2	4	0	1	1	5	1.0	C15
Stomach	53	0	0	0	0	0	0	1	3	1	2	7	7	6	5	6	9	6	4.1	C16
Small intestine	5	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	1	1	0.4	C17
Colon	45	0	0	0	0	0	0	1	1	2	2	7	9	2	6	6	4	5	3.5	C18
Rectum	41	0	0	0	0	0	1	0	0	0	2	4	6	4	4	6	5	9	3.2	C19-C21
Liver	262	1	0	0	0	0	1	0	3	17	19	35	41	27	27	30	35	26	20.2	C22
Gallbladder etc.	16	0	0	0	0	0	0	0	0	1	2	2	1	0	2	2	4	2	1.2	C23-C24
Pancreas	17	0	0	0	0	0	0	0	0	0	0	3	4	0	2	3	3	2	1.3	C25
Nose, sinuses etc	6	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	1	2	0.5	C30-C31
Larynx	18	0	0	0	0	0	0	0	0	0	0	1	0	2	1	4	1	8	1.4	C32
Bronchus, lung	321	0	0	0	0	0	0	3	3	3	10	14	21	41	40	63	50	73	24.8	C33-C34
Other Thoracic organs	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	C37-C38
Bone	7	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	2	0.5	C40-C41
Connective tissue	5	0	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0.4	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C46
Melanoma of skin	7	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	1	0.5	C43
Other skin	35	0	0	0	0	0	2	0	0	0	0	2	5	2	6	5	2	11	2.7	C44
Breast	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0.2	C50
Prostate	58	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	13	29	4.5	C61
Testis	3	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0.2	C62
Penis	14	0	0	0	0	0	0	0	1	0	1	2	0	1	1	0	3	5	1.1	C60
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C63
Bladder	42	0	0	0	0	0	0	0	0	0	3	5	4	2	1	3	9	15	3.2	C67
Kidney etc.	9	0	2	0	0	0	0	1	0	1	1	0	1	0	0	2	0	1	0.7	C64-C66;C68
Eye	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	C69
Brain, nervous system	19	0	1	1	1	1	1	1	0	5	2	1	0	2	1	0	1	1	1.5	C70-C72
Thyroid	8	0	0	0	1	0	1	0	1	0	0	2	0	0	1	1	0	1	0.6	C73
Other endocrine	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	C74-C75
Hodgkin's disease	5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	1	0.4	C81
Non-Hodgkin lymphoma	43	0	0	0	1	1	0	0	2	2	2	2	9	4	3	5	8	4	3.3	C82-C85;C96
Multiple myeloma	4	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	1	0.3	C88;C90
Lymphoid leukaemia	12	0	2	5	1	1	0	0	1	0	0	0	0	1	0	0	1	0	0.9	C91
Myeloid leukaemia	20	0	1	0	1	1	1	2	0	2	1	3	2	0	0	0	4	2	1.5	C92
Monocytic leukaemia	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	3	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0.2	C95
Other & unspesific	122	0	1	0	1	1	1	3	2	3	8	16	14	10	13	16	10	23	9.4	
All sites	1296	1	8	6	9	8	15	15	26	36	68	111	145	115	128	175	176	254	100.0	

Table 31: NUMBER OF NEW CANCER CASES IN CHIANGMAI 2003, FEMALES

Number of cases by Age Group (years)

SITE	All	Age																%	ICD (10th)		
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-			75+	
Lip	5	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0.3	C00	
Tongue	5	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0	1	0.3	C01-C02
Salivary gland	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0.1	C07-C08
Mouth	8	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	4	0.5	C03-C06
Oropharynx	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0.2	C09-C10	
Nasopharynx	12	0	0	0	0	0	0	0	0	2	5	1	1	0	0	0	1	1	1	0.8	C11
Hypopharynx	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0.3	C12-C13	
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14	
Esophagus	4	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0.3	C15	
Stomach	36	0	0	0	0	0	1	1	1	1	2	4	3	3	4	5	4	7	2.4	C16	
Small intestine	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0.2	C17	
Colon	43	0	0	0	0	0	0	0	3	5	4	5	5	3	2	6	4	6	2.9	C18	
Rectum	33	0	0	0	0	0	0	1	2	1	2	7	5	0	1	5	6	3	2.2	C19-C21	
Liver	110	0	1	0	0	0	0	2	4	5	3	13	13	13	9	16	13	18	7.3	C22	
Gallbladder etc.	22	0	0	0	0	0	0	0	0	0	0	3	4	0	5	1	1	8	1.5	C23-C24	
Pancreas	25	0	0	0	0	0	0	0	0	0	0	2	1	3	2	2	10	5	1.7	C25	
Nose, sinuses etc	3	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0.2	C30-C31	
Larynx	4	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	0.3	C32	
Bronchus, lung	256	0	0	0	0	0	0	0	2	3	7	17	21	19	38	49	50	50	17.0	C33-C34	
Other Thoracic organs	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0.1	C37-C38	
Bone	8	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	1	1	0.5	C40-C41	
Connective tissue	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0.2	C47-C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	C46	
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.1	C43	
Other skin	25	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	5	13	1.7	C44	
Breast	221	0	0	0	0	0	1	2	8	22	40	53	24	19	13	20	8	11	14.7	C50	
Uterus unspec.	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	1	0.3	C55	
Cervix uteri	250	0	0	0	0	0	2	4	7	22	43	57	29	20	19	18	19	10	16.6	C53	
Placenta	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	C58	
Corpus uteri	31	0	0	0	0	0	1	0	1	1	0	2	5	4	4	6	2	5	2.1	C54	
Ovary etc.	43	0	0	0	1	0	1	0	1	6	8	6	8	2	4	3	2	1	2.9	C56	
Other female genital	20	0	0	0	0	0	1	0	2	0	2	2	2	1	0	2	3	5	1.3	C51-C52;C57	
Bladder	18	0	0	0	0	0	0	0	0	0	0	1	0	0	2	4	4	7	1.2	C67	
Kidney etc.	11	0	1	0	0	0	0	0	0	1	1	2	1	2	0	3	0	0	0.7	C64-C66;C68	
Eye	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	C69	
Brain, nervous system	24	0	2	0	0	1	0	0	1	4	2	3	5	2	1	2	1	0	1.6	C70-C72	
Thyroid	49	0	0	0	0	0	3	5	7	2	6	7	3	1	3	3	4	5	3.3	C73	
Other endocrine	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	C74-C75	
Hodgkin's disease	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0.2	C81	
Non-Hodgkin lymphoma	40	0	0	0	0	2	0	0	0	2	6	4	7	2	4	2	6	5	2.7	C82-C85;C96	
Multiple myeloma	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0.3	C88;C90	
Lymphoid leukaemia	9	0	2	1	2	0	2	0	0	1	0	0	0	0	0	1	0	0	0.6	C91	
Myeloid leukaemia	26	0	0	0	0	1	0	0	0	3	4	3	4	2	1	4	3	1	1.7	C92	
Monocytic leukaemia	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0.2	C93	
Other leukaemia	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	C94	
Leukaemia unspec.	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.1	C95	
Other & unspacific	120	0	0	0	0	0	1	2	1	6	7	12	8	14	12	15	17	25	8.0		
All sites	1502	0	6	2	4	5	13	20	47	91	140	214	156	114	136	181	175	198	100.0		

Table 32: CANCER INCIDENCE, CHIANGMAI 2003

Incidence per 100,000 by Age Group (years) - MALES

SITE	All	Age																Crude		CR	CR	ASR	ICD (10th)	
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64	74		(W)
Lip	3	0	0	0	0	0	0	0	0	0	0	0	0	3.6	4.4	0	0	4.6	0.4	0.2	0.04	0.04	0.4	C00
Tongue	10	0	0	0	0	0	1.6	0	1.9	0	1.5	1.6	0	7.2	0	0	15.8	4.6	1.4	0.8	0.06	0.15	1.1	C01-C02
Salivary gland	3	0	0	0	0	0	0	1.8	1.9	0	0	0	0	0	0	0	0	4.6	0.4	0.2	0.02	0.01	0.4	C07-C08
Mouth	12	0	0	0	0	0	0	0	0	0	0	1.6	2.2	3.6	0	18.2	5.3	18.5	1.6	0.9	0.04	0.15	1.4	C03-C06
Oropharynx	12	0	0	0	0	0	0	1.8	0	0	2.9	1.6	2.2	0	4.4	4.5	10.5	13.9	1.6	0.9	0.06	0.13	1.3	C09-C10
Nasopharynx	25	0	0	0	0	0	1.6	1.8	1.9	3.3	8.7	3.1	10.9	7.2	0	22.7	0	0	3.4	1.9	0.18	0.30	2.8	C11
Hypopharynx	8	0	0	0	0	0	0	0	0	0	0	0	4.4	0	0	0	5.3	23.1	1.1	0.6	0.02	0.05	0.8	C12-C13
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.00	0.00	0.0	C14
Oesophagus	13	0	0	0	0	0	0	0	0	0	0	0	4.4	14.3	0	4.5	5.3	23.1	1.8	1.0	0.09	0.14	1.5	C15
Stomach	53	0	0	0	0	0	1.8	5.6	1.7	2.9	10.9	15.3	21.5	22.2	27.2	47.5	27.8	7.3	4.1	0.41	0.77	0.62	6.2	C16
Small intestine	5	0	0	0	0	1.8	0	0	0	1.5	0	0	0	4.4	0	5.3	4.6	0.7	0.4	0.04	0.06	0.6	6.6	C17
Colon	45	0	0	0	0	0	1.8	1.9	3.3	2.9	10.9	19.7	7.2	26.6	27.2	21.1	23.1	6.2	3.5	0.37	0.60	5.3	5.3	C18
Rectum	41	0	0	0	0	0	1.6	0	0	0	2.9	6.2	13.1	14.3	17.8	27.2	26.4	41.6	5.6	3.2	0.27	0.55	4.8	C19-C21
Liver	262	1	0	0	0	0	1.6	0	5.6	28.1	27.7	54.6	89.5	96.8	119.9	136.2	184.6	120.3	36	20.2	2.09	3.65	30.4	C22
Gallbladder etc.	16	0	0	0	0	0	0	0	0	1.7	2.9	3.1	2.2	0	8.9	9.1	21.1	9.3	2.2	1.2	0.09	0.24	1.8	C23-C24
Pancreas	17	0	0	0	0	0	0	0	0	0	4.7	8.7	0	8.9	13.6	15.8	9.3	2.3	1.3	0.11	0.26	2.0	2.0	C25
Nose, sinuses etc	6	0	0	0	0	0	0	0	0	0	0	3.1	0	3.6	0	0	5.3	9.3	0.8	0.5	0.03	0.06	0.6	C30-C31
Larynx	18	0	0	0	0	0	0	0	0	0	1.5	0	4.4	3.6	17.8	4.5	5.3	37	2.5	1.4	0.14	0.19	2.1	C32
Bronchus, lung	321	0	0	0	0	0	5.5	5.6	5	14.6	21.8	45.9	147	177.6	286	263.7	337.8	44.1	24.8	2.09	4.72	39.1	39.1	C33-C34
Other Thoracic organs	1	0	0	0	0	0	1.6	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.00	0.01	0.1	C37-C38
Bone	7	0	0	0	0	0	4.8	0	0	0	0	0	0	0	0	9.1	0	9.3	1	0.5	0.00	0.07	0.8	C40-C41
Connective tissue	5	0	0	0	0	0	1.6	0	1.9	0	0	0	2.2	0	4.4	4.5	0	0	0.7	0.4	0.04	0.07	0.7	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.00	0.00	0.0	C45
Kaposi's sarcoma	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.6	0.1	0.1	0.00	0.00	0.1	C46
Melanoma of skin	7	0	0	0	0	0	0	0	0	0	0	0	0	7.2	4.4	0	15.8	4.6	1	0.5	0.06	0.14	0.9	C43
Other skin	35	0	0	0	0	0	3.2	0	0	0	0	3.1	10.9	7.2	26.6	22.7	10.5	50.9	4.8	2.7	0.24	0.42	4.3	C44
Breast	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5	5.3	4.6	4.6	0.4	0.2	0.00	0.05	0.3	C50
Prostate	58	0	0	0	0	0	0	0	0	0	0	0	0	0	35.5	36.3	68.6	134.2	8	4.5	0.18	0.70	6.6	C61
Testis	3	0	2.4	0	0	0	0	1.8	0	0	0	0	2.2	0	0	0	0	0	0.4	0.2	0.03	0.02	0.5	C62
Penis	14	0	0	0	0	0	0	0	1.9	0	1.5	3.1	0	3.6	4.4	0	15.8	23.1	1.9	1.1	0.07	0.15	1.5	C60
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.00	0.00	0.0	C63
Bladder	42	0	0	0	0	0	0	0	0	0	4.4	7.8	8.7	7.2	4.4	13.6	47.5	69.4	5.8	3.2	0.16	0.47	4.4	C67
Kidney etc.	9	0	4.9	0	0	0	0	1.8	0	1.7	1.5	0	2.2	0	0	9.1	0	4.6	1.2	0.7	0.06	0.10	1.4	C64-C66;C68
Eye	2	0	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	4.6	0.3	0.2	0.01	0.01	0.2	C69
Brain, nervous system	19	0	2.4	1.9	1.8	1.8	1.6	0	9.3	3.3	1.5	0	4.4	3.6	0	4.5	5.3	4.6	2.6	1.5	0.15	0.21	2.5	C70-C72
Thyroid	8	0	0	0	1.8	0	1.6	0	1.9	0	0	3.1	0	0	4.4	4.5	0	4.6	1.1	0.6	0.06	0.09	1.0	C73
Other endocrine	2	0	0	0	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0.2	0.02	0.02	0.3	C74-C75
Hodgkin's disease	5	0	0	0	1.8	1.8	0	0	0	0	0	0	0	0	0	9.1	0	4.6	0.7	0.4	0.02	0.06	0.7	C81
Non-Hodgkin lymphoma	43	0	0	0	1.8	1.8	0	0	3.7	3.3	2.9	3.1	19.7	14.3	13.3	22.7	42.2	18.5	5.9	3.3	0.32	0.64	5.1	C82-C85;C96
Multiple myeloma	4	0	0	0	0	0	0	0	0	0	1.5	0	4.4	0	0	0	0	4.6	0.5	0.3	0.03	0.03	0.4	C88;C90
Lymphoid leukaemia	12	0	4.9	9.7	1.8	1.8	0	0	1.9	0	0	0	0	3.6	0	0	5.3	0	1.6	0.9	0.12	0.14	2.2	C91
Myeloid leukaemia	20	0	2.4	0	1.8	1.8	1.6	3.7	0	3.3	1.5	4.7	4.4	0	0	0	21.1	9.3	2.7	1.5	0.12	0.21	2.4	C92
Monocytic leukaemia	1	0	0	0	0	0	0	0	0	0	0	0	2.2	0	0	0	0	0	0.1	0.1	0.01	0.01	0.1	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.00	0.00	0.0	C94
Leukaemia unspec.	3	0	0	0	0	1.8	0	0	0	0	1.5	0	2.2	0	0	0	0	0	0.4	0.2	0.03	0.03	0.4	C95
Other & unclassified	122	0	2.4	0	1.8	1.8	1.6	5.5	3.7	5	11.7	24.9	30.6	35.9	57.7	72.6	52.7	106.4	16.8	9.4	0.90	1.50	14.5	
All sites	1296	1	19.4	11.6	16.2	14.4	24.0	27.3	48.7	59.7	99.5	173.0	317.0	412.5	568.0	794.1	928.4	1175.0	178.2	100.0	8.457	16.00	154.1	

Table 33: CANCER INCIDENCE, CHIANGMAI 2003**Incidence per 100,000 by Age Group (years) - FEMALES**

SITE	All Ages	Age																	Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+						
Lip	5	0	0	0	0	0	0	0	0	0	0	2	0	4.3	4.1	4.6	3.9	0.7	0.3	0.03	0.07	0.6	C00	
Tongue	5	0	0	0	0	0	0	0	1.7	0	0	1.4	2	0	4.3	0	0	3.9	0.7	0.3	0.05	0.05	0.5	C01-C02
Salivary gland	2	0	0	0	0	0	0	0	0	0	1.4	2	0	0	0	0	0	0.3	0.1	0.02	0.02	0.2	C07-C08	
Mouth	8	0	0	0	0	0	0	0	0	0	0	0	6.1	0	0	4.6	15.7	1.1	0.5	0.03	0.05	0.7	C03-C06	
Oropharynx	3	0	0	0	0	0	0	0	0	0	1.4	0	0	0	4.1	0	3.9	0.4	0.2	0.01	0.03	0.3	C09-C10	
Nasopharynx	12	0	0	0	0	0	0	0	3.5	7.3	1.3	1.4	0	0	4.1	4.6	3.9	1.6	0.8	0.07	0.11	1.1	C11	
Hypopharynx	5	0	0	0	0	0	0	0	0	0	0	0	0	0	8.2	13.8	0	0.7	0.3	0.00	0.11	0.5	C12-C13	
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C14	
Esophagus	4	0	0	0	0	0	0	0	0	1.3	0	0	0	4.3	4.1	4.6	0	0.5	0.3	0.03	0.07	0.5	C15	
Stomach	36	0	0	0	0	1.6	1.8	1.7	1.5	2.7	5.8	6.1	10.6	17.1	20.5	18.4	27.6	4.7	2.4	0.24	0.43	3.9	C16	
Small intestine	3	0	0	0	0	0	0	0	0	0	0	0	7.1	0	0	4.6	0	0.4	0.2	0.04	0.06	0.4	C17	
Colon	43	0	0	0	0	0	0	5.2	7.3	5.3	7.2	10.2	10.6	8.5	24.6	18.4	23.6	5.7	2.9	0.27	0.49	4.4	C18	
Rectum	33	0	0	0	0	0	1.8	3.5	1.5	2.7	10.1	10.2	0	4.3	20.5	27.6	11.8	4.4	2.2	0.17	0.40	3.3	C19-C21	
Liver	110	0	2.6	0	0	0	3.6	7	7.3	4	18.8	26.6	46.1	38.4	65.6	59.9	70.9	14.5	7.3	0.77	1.37	12.1	C22	
Gallbladder etc.	22	0	0	0	0	0	0	0	0	0	4.3	8.2	0	21.4	4.1	4.6	31.5	2.9	1.5	0.17	0.21	2.4	C23-C24	
Pancreas	25	0	0	0	0	0	0	0	0	0	2.9	2	10.6	8.5	8.2	46.1	19.7	3.3	1.7	0.12	0.39	2.6	C25	
Nose, sinuses etc	3	0	0	0	0	0	0	0	0	0	0	2	0	8.5	0	0	0	0.4	0.2	0.05	0.05	0.4	C30-C31	
Larynx	4	0	0	0	0	0	1.8	0	0	0	0	0	0	8.5	4.1	0	0	0.5	0.3	0.05	0.06	0.6	C32	
Bronchus, lung	256	0	0	0	0	0	0	3.5	4.4	9.3	24.5	43	67.4	162.3	200.9	230.4	196.8	33.8	17.0	1.56	3.66	28.4	C33-C34	
Other Thoracic organs	2	0	0	0	0	0	1.8	0	0	0	0	0	0	0	0	4.6	0	0.3	0.1	0.01	0.02	0.2	C37-C38	
Bone	8	0	0	0	1.8	0	0	1.7	1.5	1.3	1.4	2	0	0	0	4.6	3.9	1.1	0.5	0.05	0.07	0.8	C40-C41	
Connective tissue	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4.1	0	7.9	0.4	0.2	0.00	0.02	0.3	C47-C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.00	0.00	0.0	C45	
Kaposi's sarcoma	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.2	C46	
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4.1	4.6	0	0.3	0.1	0.00	0.04	0.2	C43	
Other skin	25	0	0	0	0	0	0	0	0	0	4.3	0	0	12.8	4.1	23	51.2	3.3	1.7	0.09	0.22	2.4	C44	
Breast	221	0	0	0	0	1.6	3.6	13.9	32.1	53.4	76.5	49.1	67.4	55.5	82	36.9	43.3	29.1	14.7	1.74	2.31	22.4	C50	
Uterus unspec.	4	0	0	0	0	0	0	0	0	1.4	0	0	0	8.2	0	3.9	0.5	0.3	0.01	0.05	0.4	C55		
Cervix uteri	250	0	0	0	0	3.2	7.2	12.2	32.1	57.4	82.2	59.3	70.9	81.1	73.8	87.5	39.4	33.0	16.6	1.99	2.76	25.7	C53	
Placenta	1	0	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.01	0.00	0.1	C58	
Corpus uteri	31	0	0	0	1.6	0	1.7	1.5	0	2.9	10.2	14.2	17.1	24.6	9.2	19.7	4.1	2.1	0.24	0.41	3.6	C54		
Ovary etc.	43	0	0	1.9	0	1.6	0	1.7	8.8	10.7	8.7	16.4	7.1	17.1	12.3	9.2	3.9	5.7	2.9	0.36	0.48	4.5	C56	
Other female genital	20	0	0	0	1.6	0	3.5	0	2.7	2.9	4.1	3.5	0	8.2	13.8	19.7	2.6	1.3	0.08	0.20	1.9	C51-C52;C57		
Bladder	18	0	0	0	0	0	0	0	0	1.4	0	0	8.5	16.4	18.4	27.6	2.4	1.2	0.05	0.22	1.8	C67		
Kidney etc.	11	0	2.6	0	0	0	0	0	1.5	1.3	2.9	2	7.1	0	12.3	0	1.5	0.7	0.09	0.15	1.4	C64-C66;C68		
Eye	1	0	0	0	0	0	0	1.7	0	0	0	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.1	C69	
Brain, nervous system	24	0	5.1	0	1.8	0	0	1.7	5.8	2.7	4.3	10.2	7.1	4.3	8.2	4.6	0	3.2	1.6	0.21	0.28	3.0	C70-C72	
Thyroid	49	0	0	0	0	4.7	9	12.2	2.9	8	10.1	6.1	3.5	12.8	12.3	18.4	19.7	6.5	3.3	0.32	0.45	5.2	C73	
Other endocrine	1	0	0	1.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.2	C74-C75	
Hodgkin's disease	3	0	0	0	0	0	0	0	0	0	2.9	0	0	0	4.1	0	0	0.4	0.2	0.01	0.03	0.3	C81	
Non-Hodgkin lymphoma	40	0	0	0	3.6	0	0	0	2.9	8	5.8	14.3	7.1	17.1	8.2	27.6	19.7	5.3	2.7	0.29	0.47	4.2	C82-C85;C96	
Multiple myeloma	4	0	0	0	0	0	0	0	0	0	0	0	3.5	4.3	4.1	4.6	0	0.5	0.3	0.04	0.08	0.5	C88;C90	
Lymphoid leukaemia	9	0	5.1	2	3.8	0	3.2	0	1.5	0	0	0	0	4.1	0	0	1.2	0.6	0.06	0.10	1.6	C91		
Myeloid leukaemia	26	0	0	0	1.8	0	0	0	4.4	5.3	4.3	8.2	7.1	4.3	16.4	13.8	3.9	3.4	1.7	0.18	0.33	2.7	C92	
Monocytic leukaemia	3	0	0	0	0	0	0	0	0	0	0	0	3.5	4.3	0	4.6	0	0.4	0.2	0.04	0.06	0.4	C93	
Other leukaemia	1	0	0	0	0	0	0	1.7	0	0	0	0	0	0	0	0	0	0.1	0.1	0.01	0.01	0.1	C94	
Leukaemia unspec.	2	0	0	0	0	0	0	1.7	0	0	0	0	0	0	0	0	3.9	0.3	0.1	0.01	0.01	0.2	C95	
Other & unclassified	120	0	0	0	0	1.6	3.6	1.7	8.8	9.3	17.3	16.4	49.7	51.3	61.5	78.3	98.4	15.8	8.0	0.79	1.47	12.9		
All sites	1502	0	15.4	4.0	7.6	9.0	20.7	36.0	81.5	133.1	186.7	308.5	318.7	404.1	580.9	742.1	805.9	198.1	100.0	9.90	16.55	160.2		

Table 34: NUMBER OF CANCER DEATHS IN CHIANGMAI 2000, MALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C00
Tongue	13	0	0	0	0	0	0	0	0	1	0	0	0	0	3	3	3	3	1.7	C01-C02
Salivary gland	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0.5	C07-C08
Mouth	11	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	1	5	1.5	C03-C06
Oropharynx	7	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	2	0.9	C09-C10
Nasopharynx	13	0	0	0	0	0	0	0	0	0	1	3	2	1	2	1	2	1	1.7	C11
Hypopharynx	12	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3	3	4	1.6	C12-C13
Pharynx unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C14
Oesophagus	12	0	0	0	0	0	0	0	0	0	0	2	1	0	2	1	3	3	1.6	C15
Stomach	32	0	0	0	0	0	0	0	2	0	2	2	2	3	4	5	7	5	4.3	C16
Small intestine	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0.4	C17
Colon	25	0	0	0	1	1	0	0	0	0	0	2	1	4	1	3	6	6	3.3	C18
Rectum	23	0	0	0	0	0	0	1	1	0	1	1	1	2	4	2	2	8	3.1	C19-C21
Liver	86	0	0	0	0	0	0	0	3	1	5	15	9	9	13	11	9	11	11.5	C22
Gallbladder etc.	11	0	0	0	0	0	0	0	0	0	1	0	0	0	2	3	4	1	1.5	C23-C24
Pancreas	9	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3	1	1	1.2	C25
Nose, sinuses etc	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.3	C30-C31
Larynx	9	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	1	3	1.2	C32
Bronchus, lung	156	0	0	0	0	1	0	1	1	1	7	9	14	18	30	30	24	21	20.8	C33-C34
Other Thoracic organs	4	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0.5	C37-C38
Bone	2	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.3	C40-C41
Connective tissue	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0.4	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0.3	C43
Other skin	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3	0.8	C44
Breast	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	C50
Prostate	15	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	8	2.0	C61
Testis	3	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0.4	C62
Penis	7	0	0	0	0	0	0	0	0	1	0	0	2	0	1	1	1	1	0.9	C60
Other male genital	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	C63
Bladder	24	0	0	0	0	0	0	0	0	0	2	0	0	0	2	7	5	8	3.2	C67
Kidney etc.	9	0	0	0	0	0	0	1	0	0	0	0	0	1	3	1	1	2	1.2	C64-C66;C68
Eye	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	C69
Brain, nervous system	6	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	0	1	0.8	C70-C72
Thyroid	4	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	1	0.5	C73
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75
Hodgkin's disease	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0.4	C81
Non-Hodgkin lymphoma	39	0	2	0	1	3	0	1	1	1	3	3	3	1	4	5	7	4	5.2	C82-C85;C96
Multiple myeloma	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C88;C90
Lymphoid leukaemia	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.4	C91
Myeloid leukaemia	9	0	0	0	0	1	1	0	0	3	1	0	1	1	0	1	0	0	1.2	C92
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	C95
Other & unclassified	178	1	0	0	0	2	1	5	13	13	18	13	17	15	21	21	21	17	23.7	
All sites	751	1	3	2	4	8	4	9	22	24	49	54	58	64	103	110	111	125	100.0	

Table 35: NUMBER OF CANCER DEATHS IN CHIANGMAI 2000, FEMALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)	
Lip	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.3	C00
Tongue	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.3	C01-C02
Salivary gland	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C07-C08
Mouth	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	3	0.9	C03-C06	
Oropharynx	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.3	C09-C10	
Nasopharynx	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0.7	C11	
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C12-C13	
Pharynx unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C14	
Oesophagus	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0.6	C15	
Stomach	25	0	0	0	0	0	0	2	3	0	5	0	2	2	3	1	5	2	3.6	C16	
Small intestine	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0.4	C17	
Colon	17	0	0	0	0	0	0	0	0	1	0	1	0	2	4	3	5	2.4	C18		
Rectum	15	0	0	0	0	0	0	0	0	1	1	3	1	1	2	1	3	2	2.2	C19-C21	
Liver	34	0	0	0	0	2	0	0	0	0	3	5	2	3	3	6	8	2	4.9	C22	
Gallbladder etc.	14	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4	2	4	2.0	C23-C24	
Pancreas	7	0	0	0	0	0	0	0	0	0	0	4	0	0	3	0	0	0	1.0	C25	
Nose, sinuses etc	3	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0.4	C30-C31	
Larynx	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0.3	C32	
Bronchus, lung	144	0	0	0	0	0	0	1	2	1	4	7	9	17	33	34	21	15	20.7	C33-C34	
Other Thoracic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C37-C38	
Bone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C40-C41	
Connective tissue	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0.3	C47-C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46	
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.3	C43	
Other skin	11	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	8	1.6	C44	
Breast	56	0	0	0	0	0	0	1	2	7	5	8	7	3	7	5	6	5	8.1	C50	
Uterus unspec.	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	C55	
Cervix uteri	109	0	0	0	0	0	1	0	5	10	8	13	12	10	10	21	9	10	15.7	C53	
Placenta	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0.3	C58	
Corpus uteri	13	0	0	0	0	0	0	0	0	1	1	0	1	2	2	4	2	0	1.9	C54	
Ovary etc.	14	0	0	0	0	0	0	0	0	2	1	2	0	0	1	3	2	3	2.0	C56	
Other female genital	7	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	4	1.0	C51-C52;C57	
Bladder	14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	6	2.0	C67	
Kidney etc.	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0.6	C64-C66;C68	
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C69	
Brain, nervous system	7	0	0	1	0	0	0	0	1	1	2	0	0	0	1	0	1	0	1.0	C70-C72	
Thyroid	5	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	0	0	0.7	C73	
Other endocrine	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	C74-C75	
Hodgkin's disease	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	C81	
Non-Hodgkin lymphoma	16	0	0	0	0	0	1	1	1	1	2	3	0	2	1	2	2	0	2.3	C82-C85;C96	
Multiple myeloma	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.3	C88;C90	
Lymphoid leukaemia	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	C91	
Myeloid leukaemia	9	0	0	0	0	1	0	1	1	0	0	0	2	0	1	0	1	2	1.3	C92	
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93	
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94	
Leukaemia unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	C95	
Other & unspecified	130	0	0	1	0	0	1	5	9	9	8	7	7	12	17	15	22	17	18.7		
All sites	695	0	1	2	0	5	3	12	24	35	47	57	49	53	96	111	99	101	100.0		

Table 36: CANCER DEATHS, CHIANGMAI 2000

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Ages	Age																	Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+						
Lip	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C00
Tongue	13	0	-	-	-	-	-	-	-	1.5	-	-	-	-	12.7	12.7	17.8	16.4	1.8	1.7	0.07	0.22	1.7	C01-C02
Salivary gland	4	0	-	-	-	-	-	-	-	-	-	-	4.1	4.2	-	5.9	5.5	0.6	0.5	0.04	0.07	0.6	C07-C08	
Mouth	11	0	-	-	-	-	-	-	-	-	2.9	3.6	4.1	-	-	5.9	27.3	1.5	1.5	0.05	0.08	1.2	C03-C06	
Oropharynx	7	0	-	-	-	-	-	-	-	-	-	2.7	4.1	4.2	-	11.9	10.9	1.0	0.9	0.05	0.11	0.9	C09-C10	
Nasopharynx	13	0	-	-	-	-	-	-	-	1.4	5.4	5.5	4.1	8.5	4.2	11.9	5.5	1.8	1.7	0.12	0.20	1.7	C11	
Hypopharynx	12	0	-	-	-	-	-	-	-	1.4	-	-	4.1	-	12.7	17.8	21.8	1.7	1.6	0.03	0.18	1.4	C12-C13	
Pharynx unspec.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	-	0.1	0.1	0.00	0.00	0.1	C14	
Oesophagus	12	0	-	-	-	-	-	-	-	-	3.6	2.7	-	8.5	4.2	17.8	16.4	1.7	1.6	0.07	0.18	1.5	C15	
Stomach	32	0	-	-	-	-	-	-	3.5	-	2.9	3.6	5.5	12.4	17	21.2	41.6	27.3	4.4	4.3	0.22	0.54	4.1	C16
Small intestine	3	0	-	-	-	-	-	-	-	-	-	-	-	-	8.5	-	5.9	-	0.4	0.4	0.04	0.07	0.5	C17
Colon	25	0	-	-	1.9	1.6	-	-	-	-	3.6	2.7	16.6	4.2	12.7	35.6	32.7	3.4	3.3	0.15	0.39	3.2	C18	
Rectum	23	0	-	-	-	-	-	1.9	1.7	-	1.4	1.8	2.7	8.3	17	8.5	11.9	43.6	3.2	3.1	0.17	0.27	3.0	C19-C21
Liver	86	0	-	-	-	-	-	-	5.2	1.5	7.1	27	24.5	37.3	55.2	46.6	53.4	60	11.9	11.5	0.79	1.28	11.0	C22
Gallbladder etc.	11	0	-	-	-	-	-	-	-	-	1.4	-	-	-	8.5	12.7	23.8	5.5	1.5	1.5	0.05	0.23	1.4	C23-C24
Pancreas	9	0	-	-	-	-	-	-	-	-	-	1.8	-	4.1	8.5	12.7	5.9	5.5	1.2	1.2	0.07	0.16	1.2	C25
Nose, sinuses etc	2	0	-	-	-	-	-	-	-	-	-	2.7	4.1	-	-	-	-	0.3	0.3	0.03	0.03	0.3	C30-C31	
Larynx	9	0	-	-	-	-	-	-	-	-	-	2.7	4.1	-	12.7	5.9	16.4	1.2	1.2	0.03	0.13	1.1	C32	
Bronchus, lung	156	0	-	-	-	-	1.6	-	1.7	1.5	10	16.2	38.2	74.7	127.3	127.1	142.5	114.6	21.5	20.8	1.34	2.67	20.8	C33-C34
Other Thoracic organs	4	0	2.2	-	1.9	-	1.6	-	-	-	-	-	-	-	-	-	5.5	0.6	0.5	0.02	0.03	0.7	C37-C38	
Bone	2	0	-	1.8	-	-	-	-	-	-	-	2.7	-	-	-	-	-	0.3	0.3	0.02	0.02	0.3	C40-C41	
Connective tissue	3	0	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	5.9	5.5	0.4	0.4	0.02	0.05	0.4	C47;C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45	
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C46	
Melanoma of skin	2	0	-	-	-	-	-	-	-	1.4	1.8	-	-	-	-	-	-	0.3	0.3	0.02	0.02	0.2	C43	
Other skin	6	0	-	-	-	-	-	-	-	-	-	-	4.1	-	4.2	5.9	16.4	0.8	0.8	0.02	0.07	0.7	C44	
Breast	1	0	-	-	-	-	-	-	-	-	-	-	-	-	5.9	-	-	0.1	0.1	0.00	0.03	0.1	C50	
Prostate	15	0	-	-	-	-	-	-	-	-	-	2.7	-	8.5	8.5	11.9	43.6	2.1	2.0	0.06	0.16	1.8	C61	
Testis	3	0	-	-	-	-	-	-	2.9	1.4	-	-	-	-	-	-	-	0.4	0.4	0.02	0.02	0.3	C62	
Penis	7	0	-	-	-	-	-	-	1.5	-	-	5.5	-	4.2	4.2	5.9	5.5	1.0	0.9	0.06	0.11	0.9	C60	
Other male genital	1	0	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	-	0.1	0.1	0.00	0.02	0.1	C63	
Bladder	24	0	-	-	-	-	-	-	-	2.9	-	-	-	8.5	29.7	29.7	43.6	3.3	3.2	0.06	0.35	2.9	C67	
Kidney etc.	9	0	-	-	-	-	-	1.9	-	-	-	-	4.1	12.7	4.2	5.9	10.9	1.2	1.2	0.09	0.13	1.3	C64-C66;C68	
Eye	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	-	0.1	0.1	0.00	0.03	0.1	C69	
Brain, nervous system	6	0	-	-	-	1.6	-	-	1.7	-	1.4	-	4.1	-	4.2	-	5.5	0.8	0.8	0.04	0.06	0.7	C70-C72	
Thyroid	4	0	-	-	-	-	-	-	-	1.4	-	-	-	8.5	-	-	5.5	0.6	0.5	0.05	0.05	0.5	C73	
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C74-C75	
Hodgkin's disease	3	0	-	-	-	-	-	-	-	1.5	-	-	-	-	4.2	-	5.5	0.4	0.4	0.01	0.03	0.3	C81	
Non-Hodgkin lymphoma	39	0	4.4	-	1.9	4.8	-	1.9	1.7	1.5	4.3	5.4	8.2	4.1	17	21.2	41.6	21.8	5.4	5.2	0.28	0.58	5.2	C82-C85;C96
Multiple myeloma	1	0	-	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C88;C90	
Lymphoid leukaemia	3	0	-	1.8	1.9	-	-	-	-	-	-	-	-	-	-	-	5.5	0.4	0.4	0.02	0.02	0.5	C91	
Myeloid leukaemia	9	0	-	-	-	1.6	1.6	-	-	4.4	1.4	-	2.7	4.1	-	4.2	-	1.2	1.2	0.07	0.10	1.1	C92	
Monocytic leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C93	
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C94	
Leukaemia unspec.	1	0	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.00	0.2	C95	
Other & unclassified	178	1	-	-	-	3.2	1.6	9.4	22.6	19	25.7	23.4	46.4	62.2	89.1	89	124.7	92.7	24.5	23.7	1.49	2.50	22.0	
All sites	751		6.6	3.6	7.6	12.8	6.4	17.0	38.1	35.3	69.8	97.2	158.1	264.8	437.0	465.8	658.8	682.4	103.5	100.0	5.58	10.69	96.1	

Table 37: CANCER DEATHS, CHIANGMAI 2000**Incidence per 100,000 by Age Group (years) - FEMALES**

SITE	All Ages	Age Unk.	Age Group (years)														Crude		CR	CR	ASR	ICD (10th)		
			0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64		74	(W)
Lip	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	0.3	0.3	0.00	0.00	0.2	C00
Tongue	2	0	-	-	-	-	-	-	-	-	-	-	-	-	4	3.9	-	-	0.3	0.3	0.02	0.04	0.3	C01-C02
Salivary gland	1	0	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C07-C08
Mouth	6	0	-	-	-	-	-	-	-	-	-	-	-	2.7	-	3.9	5.4	14	0.8	0.9	0.01	0.06	0.6	C03-C06
Oropharynx	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	0.3	0.3	0.00	0.00	0.2	C09-C10
Nasopharynx	5	0	-	-	-	-	-	-	-	-	-	-	-	-	12	10.8	-	-	0.7	0.7	0.06	0.11	0.7	C11
Hypopharynx	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C12-C13
Pharynx unspec.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	0.1	0.1	0.00	0.00	0.1	C14
Oesophagus	4	0	-	-	-	-	-	-	-	-	1.7	-	4.2	-	-	-	-	9.4	0.5	0.6	0.03	0.03	0.5	C15
Stomach	25	0	-	-	-	-	3.6	4.8	-	6.7	-	5.3	8.4	12	3.9	27	-	9.4	3.3	3.6	0.20	0.34	2.9	C16
Small intestine	3	0	-	-	-	-	-	-	-	-	-	-	-	4	7.8	-	-	-	0.4	0.4	0.02	0.06	0.4	C17
Colon	17	0	-	-	-	-	-	-	-	1.3	1.3	-	2.7	-	8	15.5	16.2	23.4	2.3	2.4	0.07	0.22	1.9	C18
Rectum	15	0	-	-	-	-	-	-	-	1.3	1.3	5.1	2.7	4.2	8	3.9	16.2	9.4	2.0	2.2	0.11	0.21	1.7	C19-C21
Liver	34	0	-	-	-	3.2	-	-	-	-	4	8.6	5.3	12.6	12	23.3	43.2	9.4	4.5	4.9	0.23	0.56	4.0	C22
Gallbladder etc.	14	0	-	-	-	-	-	-	-	2.7	1.7	2.7	-	-	15.5	10.8	18.7	-	1.9	2.0	0.04	0.17	1.5	C23-C24
Pancreas	7	0	-	-	-	-	-	-	-	-	6.9	-	-	12	-	-	-	-	0.9	1.0	0.09	0.09	0.9	C25
Nose, sinuses etc	3	0	-	-	-	1.6	-	1.8	-	-	-	1.7	-	-	-	-	-	-	0.4	0.4	0.03	0.02	0.4	C30-C31
Larynx	2	0	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	0.3	0.3	0.02	0.05	0.3	C32
Bronchus, lung	144	0	-	-	-	-	1.8	3.2	1.3	5.4	12	24	71.4	131.5	131.9	113.4	70.2	19.3	20.7	1.25	2.44	18.4	C33-C34	
Other Thoracic organs	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C37-C38
Bone	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C40-C41
Connective tissue	2	0	-	-	-	-	-	-	-	-	1.7	2.7	-	-	-	-	-	-	0.3	0.3	0.02	0.02	0.2	C47-C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C46
Melanoma of skin	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	0.3	0.3	0.00	0.00	0.2	C43
Other skin	11	0	-	-	-	-	-	-	-	-	-	2.7	-	-	-	10.8	37.5	-	1.5	1.6	0.01	0.07	1.1	C44
Breast	56	0	-	-	-	-	1.8	3.2	9.4	6.7	13.7	18.7	12.6	27.9	19.4	32.4	23.4	7.5	8.1	0.47	0.72	6.4	C50	
Uterus unspec.	1	0	-	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C55
Cervix uteri	109	0	-	-	-	-	1.6	7.9	13.4	10.7	22.3	32	42	39.9	81.5	48.6	46.8	14.6	15.7	0.84	1.49	12.6	C53	
Placenta	2	0	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-	0.3	0.3	0.01	0.01	0.2	C58
Corpus uteri	13	0	-	-	-	-	-	-	-	1.3	1.3	-	2.7	8.4	8	15.5	10.8	-	1.7	1.9	0.11	0.24	1.6	C54
Ovary etc.	14	0	-	-	-	-	-	-	-	2.7	1.3	3.4	-	-	4	11.6	10.8	14	1.9	2.0	0.06	0.17	1.5	C56
Other female genital	7	0	-	-	-	-	-	-	-	1.3	1.3	-	-	-	-	5.4	18.7	-	0.9	1.0	0.01	0.04	0.6	C51-C52;C57
Bladder	14	0	-	-	-	-	-	-	-	-	-	-	-	-	4	15.5	16.2	28.1	1.9	2.0	0.02	0.18	1.5	C67
Kidney etc.	4	0	-	-	-	-	-	-	-	-	-	-	-	-	4	-	5.4	9.4	0.5	0.6	0.02	0.05	0.5	C64-C66;C68
Eye	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C69
Brain, nervous system	7	0	-	1.9	-	-	-	1.6	1.3	2.7	-	-	-	-	4	-	5.4	-	0.9	1.0	0.06	0.08	0.8	C70-C72
Thyroid	5	0	-	-	-	-	-	-	-	1.3	-	-	-	-	8	7.8	-	-	0.7	0.7	0.05	0.09	0.6	C73
Other endocrine	1	0	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C74-C75
Hodgkin's disease	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	0.1	0.1	0.00	0.03	0.1	C81
Non-Hodgkin lymphoma	16	0	-	-	-	-	1.6	1.8	1.6	1.3	2.7	5.1	-	8.4	4	7.8	10.8	-	2.1	2.3	0.12	0.22	1.9	C82-C85;C96
Multiple myeloma	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	-	0.3	0.3	0.00	0.00	0.2	C88;C90
Lymphoid leukaemia	1	0	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.3	C91
Myeloid leukaemia	9	0	-	-	-	1.6	-	1.8	1.6	-	-	5.3	-	4	-	5.4	9.4	-	1.2	1.3	0.07	0.09	1.1	C92
Monocytic leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C93
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C94
Leukaemia unspec.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	-	0.1	0.1	0.00	0.02	0.1	C95
Other & unclassified	130	0	-	1.9	-	-	1.6	9.1	14.3	12.1	10.7	12	18.7	50.4	67.8	58.2	118.8	79.6	17.4	18.7	0.98	1.82	15.4	
All sites	695	0	2.3	3.8	0.0	8.0	4.8	21.7	38.2	46.7	62.8	97.6	130.9	222.6	383.1	430.8	534.6	473.1	93.0	100.0	4.96	9.36	82.1	

Table 38: NUMBER OF CANCER DEATHS IN CHIANGMAI 2001, MALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0.2	C00
Tongue	7	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	2	0	0.8	C01-C02
Salivary gland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	C07-C08
Mouth	11	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	6	1.2	C03-C06
Oropharynx	16	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3	2	7	1.8	C09-C10
Nasopharynx	24	0	0	0	0	0	0	0	0	2	1	7	4	1	3	3	3	3	2.6	C11
Hypopharynx	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0.5	C12-C13
Pharynx unspec.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2	C14
Oesophagus	17	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	5	7	1.9	C15
Stomach	33	0	0	0	0	3	1	0	2	3	1	5	2	1	1	6	4	4	3.6	C16
Small intestine	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2	C17
Colon	22	0	0	0	1	0	0	0	2	2	0	1	2	1	1	4	6	2	2.4	C18
Rectum	20	0	0	0	0	0	0	0	0	1	1	3	2	0	6	1	4	2	2.2	C19-C21
Liver	117	0	0	0	0	0	0	0	3	3	11	16	16	9	15	15	14	15	12.9	C22
Gallbladder etc.	6	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3	0.7	C23-C24
Pancreas	9	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	2	1	1.0	C25
Nose, sinuses etc	5	0	0	0	0	0	1	0	0	0	0	0	1	2	1	0	0	0	0.5	C30-C31
Larynx	20	0	0	0	0	0	0	0	0	0	1	2	1	3	2	2	4	5	2.2	C32
Bronchus, lung	231	0	0	0	0	0	0	0	1	3	9	13	21	25	36	48	40	35	25.4	C33-C34
Other Thoracic organs	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C37-C38
Bone	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0.2	C40-C41
Connective tissue	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0.4	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	C46
Melanoma of skin	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.3	C43
Other skin	7	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	2	0.8	C44
Breast	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.2	C50
Prostate	28	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	1	19	3.1	C61
Testis	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0.2	C62
Penis	12	0	0	0	0	0	0	0	0	1	3	0	0	0	0	1	3	4	1.3	C60
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C63
Bladder	31	0	0	0	0	0	0	0	0	0	0	0	1	4	2	9	9	6	3.4	C67
Kidney etc.	10	0	0	0	0	0	0	0	0	0	0	1	1	1	5	1	1	0	1.1	C64-C66;C68
Eye	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.2	C69
Brain, nervous system	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	C70-C72
Thyroid	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0.3	C73
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75
Hodgkin's disease	9	0	0	0	0	1	0	0	1	1	3	1	0	0	0	0	0	2	1.0	C81
Non-Hodgkin lymphoma	42	0	0	0	0	1	0	3	2	3	4	2	4	4	3	3	7	6	4.6	C82-C85;C96
Multiple myeloma	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0.2	C88;C90
Lymphoid leukaemia	4	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0.4	C91
Myeloid leukaemia	15	0	1	0	2	0	0	0	0	0	0	1	1	5	2	1	0	2	1.6	C92
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0.3	C95
Other & unspecifec	176	0	0	0	0	2	1	0	10	10	14	15	19	18	22	26	18	21	19.3	
All sites	910	0	2	0	3	9	5	5	22	29	53	67	81	88	104	139	137	166	100.0	

Table 39: NUMBER OF CANCER DEATHS IN CHIANGMAI 2001, FEMALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C00
Tongue	4	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0.5	C01-C02
Salivary gland	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.3	C07-C08
Mouth	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	0.8	C03-C06
Oropharynx	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	C09-C10
Nasopharynx	7	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	0	0	1.0	C11
Hypopharynx	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.3	C12-C13
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14
Oesophagus	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0.4	C15
Stomach	26	0	0	0	0	0	0	0	0	2	3	3	2	2	0	6	5	3	3.5	C16
Small intestine	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	C17
Colon	17	0	0	0	0	0	0	0	1	0	2	2	0	1	2	3	5	1	2.3	C18
Rectum	15	0	0	0	0	0	0	0	0	0	2	2	0	0	1	4	1	5	2.0	C19-C21
Liver	47	0	0	0	0	0	0	0	1	2	1	1	8	2	8	7	10	7	6.4	C22
Gallbladder etc.	23	0	0	0	0	0	0	0	0	1	0	0	2	3	4	5	5	3	3.1	C23-C24
Pancreas	7	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	1	1	1.0	C25
Nose, sinuses etc	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C30-C31
Larynx	5	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0.7	C32
Bronchus, lung	153	0	0	1	0	0	0	0	1	2	5	7	20	16	29	33	24	15	20.8	C33-C34
Other Thoracic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C37-C38
Bone	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	C40-C41
Connective tissue	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0.3	C47-C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46
Melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C43
Other skin	9	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	3	2	1.2	C44
Breast	51	0	0	0	0	0	0	1	1	4	7	8	5	4	4	6	5	6	6.9	C50
Uterus unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C55
Cervix uteri	94	0	0	0	0	0	0	1	3	9	8	12	10	12	12	13	5	9	12.8	C53
Placenta	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	C58
Corpus uteri	6	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	0.8	C54
Ovary etc.	22	0	0	0	0	1	1	0	1	1	1	4	3	3	4	0	2	1	3.0	C56
Other female genital	8	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	1	2	1.1	C51-C52;C57
Bladder	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0.8	C67
Kidney etc.	7	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	2	1.0	C64-C66;C68
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C69
Brain, nervous system	5	0	0	1	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0.7	C70-C72
Thyroid	11	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2	0	3	1.5	C73
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C81
Non-Hodgkin lymphoma	22	0	0	0	0	0	1	2	2	0	0	0	2	6	2	3	1	3	3.0	C82-C85;C96
Multiple myeloma	5	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0	0.7	C88;C90
Lymphoid leukaemia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	C91
Myeloid leukaemia	12	0	1	0	0	1	0	0	2	0	1	0	0	0	0	5	1	1	1.6	C92
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	C95
Other & unclassified	150	0	1	0	1	0	1	4	9	10	10	13	9	9	22	24	21	16	20.4	
All sites	735	0	2	2	1	2	4	9	21	33	43	61	71	64	101	131	96	94	100.0	

Table 40: CANCER DEATHS, CHIANGMAI 2001

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Ages	Age																Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)	
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-							75+
Lip	2	0	-	-	-	-	-	-	-	-	-	-	4.1	-	-	5.7	-	0.3	0.2	0.02	0.05	0.3	C00	
Tongue	7	0	-	-	-	-	-	-	-	1.5	1.4	-	2.5	4.1	-	4.3	11.4	-	1	0.8	0.05	0.13	0.8	C01-C02
Salivary gland	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	0.1	0.1	0.00	0.03	0.1	C07-C08
Mouth	11	0	-	-	-	-	-	-	-	-	-	1.7	-	-	-	8.6	11.4	30.7	1.5	1.2	0.01	0.11	1.2	C03-C06
Oropharynx	16	0	-	-	-	-	-	-	-	-	1.7	-	4.1	8.6	12.9	11.4	35.8	2.2	1.8	0.07	0.19	1.9	C09-C10	
Nasopharynx	24	0	-	-	-	-	-	-	-	2.9	1.7	17.7	16.3	4.3	12.9	17.2	15.4	3.3	2.6	0.21	0.36	3.0	C11	
Hypopharynx	5	0	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	20.5	0.7	0.5	0.01	0.01	0.5	C12-C13	
Pharynx unspec.	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	5.1	0.3	0.2	0.00	0.03	0.2	C14	
Oesophagus	17	0	-	-	-	-	-	-	-	-	-	2.5	4.1	4.3	8.6	28.6	35.8	2.3	1.9	0.05	0.24	2.0	C15	
Stomach	33	0	-	-	-	4.9	1.6	-	3.6	4.5	1.4	8.4	5	4.1	4.3	25.8	22.9	20.5	4.5	3.6	0.18	0.43	3.9	C16
Small intestine	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	5.1	0.3	0.2	0.00	0.03	0.2	C17	
Colon	22	0	-	-	1.8	-	-	-	3.6	3	-	1.7	5	4.1	4.3	17.2	34.3	10.2	3	2.4	0.12	0.37	2.7	C18
Rectum	20	0	-	-	-	-	-	-	1.5	1.4	5	5	-	25.9	4.3	22.9	10.2	2.8	2.2	0.19	0.33	2.6	C19-C21	
Liver	117	0	-	-	-	-	-	5.4	4.5	15.9	26.9	40.4	36.6	64.7	64.5	80.1	76.8	16.1	12.9	0.97	1.68	14.3	C22	
Gallbladder etc.	6	0	-	-	-	-	-	-	-	-	-	-	4.1	4.3	4.3	-	15.4	0.8	0.7	0.04	0.06	0.8	C23-C24	
Pancreas	9	0	-	-	-	-	-	-	-	-	3.4	2.5	4.1	4.3	4.3	11.4	5.1	1.2	1.0	0.07	0.15	1.1	C25	
Nose, sinuses etc	5	0	-	-	-	-	1.6	-	-	-	-	2.5	8.1	4.3	-	-	-	0.7	0.5	0.07	0.08	0.7	C30-C31	
Larynx	20	0	-	-	-	-	-	-	-	1.4	3.4	2.5	12.2	8.6	8.6	22.9	25.6	2.8	2.2	0.14	0.30	2.5	C32	
Bronchus, lung	231	0	-	-	-	-	-	1.8	4.5	13	21.9	53	101.6	155.3	206.4	228.9	179.2	31.8	25.4	1.74	3.86	29.8	C33-C34	
Other Thoracic organs	1	0	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C37-C38	
Bone	2	0	-	-	-	1.6	-	1.9	-	-	-	-	-	-	-	-	-	0.3	0.2	0.02	0.01	0.3	C40-C41	
Connective tissue	4	0	-	-	-	-	-	-	-	-	1.4	-	-	-	-	4.3	5.7	5.1	0.6	0.4	0.01	0.06	0.4	C47;C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0.0	C45	
Kaposi's sarcoma	1	0	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.00	0.2	C46	
Melanoma of skin	3	0	-	-	-	-	-	-	-	-	-	-	-	4.3	-	-	10.2	0.4	0.3	0.02	0.02	0.4	C43	
Other skin	7	0	-	-	-	-	-	-	-	1.7	-	4.1	-	4.3	11.4	10.2	10.2	1	0.8	0.03	0.11	0.8	C44	
Breast	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.2	0.3	0.2	0.00	0.00	0.2	C50	
Prostate	28	0	-	-	-	-	-	-	-	-	-	-	16.3	-	17.2	5.7	97.3	3.9	3.1	0.08	0.20	3.2	C61	
Testis	2	0	-	-	-	-	-	-	1.5	-	-	-	-	-	4.3	-	-	0.3	0.2	0.01	0.03	0.2	C62	
Penis	12	0	-	-	-	-	-	-	1.5	4.3	-	-	-	-	4.3	17.2	20.5	1.7	1.3	0.03	0.14	1.2	C60	
Other male genital	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0.0	C63	
Bladder	31	0	-	-	-	-	-	-	-	-	2.5	16.3	8.6	38.7	51.5	30.7	30.7	4.3	3.4	0.14	0.59	3.9	C67	
Kidney etc.	10	0	-	-	-	-	-	-	-	-	1.7	2.5	4.1	21.6	4.3	5.7	-	1.4	1.1	0.15	0.20	1.5	C64-C66;C68	
Eye	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.2	0.3	0.2	0.00	0.00	0.2	C69	
Brain, nervous system	1	0	-	-	-	-	-	-	-	-	-	-	-	-	4.3	-	-	0.1	0.1	0.00	0.02	0.1	C70-C72	
Thyroid	3	0	-	-	-	-	-	-	-	-	-	-	-	-	4.3	11.4	-	0.4	0.3	0.00	0.08	0.4	C73	
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0.0	C74-C75	
Hodgkin's disease	9	0	-	-	-	1.6	-	1.8	1.5	4.3	1.7	-	-	-	-	-	10.2	1.2	1.0	0.05	0.05	0.9	C81	
Non-Hodgkin lymphoma	42	0	-	-	-	1.6	-	5.7	3.6	4.5	5.8	3.4	10.1	16.3	12.9	12.9	40.1	30.7	5.8	4.6	0.32	0.55	5.1	C82-C85;C96
Multiple myeloma	2	0	-	-	-	-	-	-	-	1.4	-	-	-	-	4.3	-	-	0.3	0.2	0.03	0.03	0.3	C88;C90	
Lymphoid leukaemia	4	0	-	-	-	3.1	-	1.8	-	-	-	-	-	-	-	-	5.1	0.6	0.4	0.01	0.02	0.5	C91	
Myeloid leukaemia	15	0	2.3	-	3.7	-	-	-	-	-	1.7	2.5	20.3	8.6	4.3	-	10.2	2.1	1.6	0.20	0.22	2.3	C92	
Monocytic leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0.0	C93	
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0.0	C94	
Leukaemia unspec.	3	0	2.3	-	-	1.6	-	-	-	-	-	-	-	-	-	5.7	-	0.4	0.3	0.02	0.05	0.5	C95	
Other & unclassified	176	0	-	-	-	3.3	1.6	-	18.1	15	20.2	25.2	48	73.2	94.9	111.8	103	107.5	24.2	19.3	1.48	2.54	21.8	
All sites	910		4.6	0.0	5.5	14.6	7.9	9.5	39.7	43.5	76.2	112.9	204.2	358.2	448.4	597.7	783.6	849.5	125.2	100.0	6.37	12.62	113.2	

Table 41: CANCER DEATHS, CHIANGMAI 2001

Incidence per 100,000 by Age Group (years) - FEMALES

SITE	All Age																Crude		CR	CR	ASR	ICD (10th)		
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64		74	(W)
Lip	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C00
Tongue	4	0	-	-	-	-	-	-	-	-	-	1.6	-	-	4	3.9	-	4.4	0.5	0.5	0.03	0.05	0.5	C01-C02
Salivary gland	2	0	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	4.4	0.3	0.3	0.01	0.01	0.2	C07-C08
Mouth	6	0	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	21.8	0.8	0.8	0.01	0.01	0.5	C03-C06
Oropharynx	1	0	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C09-C10
Nasopharynx	7	0	-	-	-	-	-	-	-	1.3	1.6	2.4	4.2	4	7.8	-	-	-	0.9	1.0	0.07	0.11	0.9	C11
Hypopharynx	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	0.3	0.3	0.00	0.02	0.2	C12-C13
Pharynx unspec.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C14
Oesophagus	3	0	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	8.7	0.4	0.4	0.01	0.01	0.3	C15	
Stomach	26	0	-	-	-	-	-	-	2.7	4	4.7	4.9	8.3	-	23.5	25.7	13.1	3.5	3.5	0.12	0.37	2.7	C16	
Small intestine	1	0	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C17
Colon	17	0	-	-	-	-	-	1.7	-	2.7	3.2	-	4.2	8	11.7	25.7	4.4	2.3	2.3	0.10	0.29	1.9	C18	
Rectum	15	0	-	-	-	-	-	-	-	2.7	3.2	-	-	4	15.7	5.1	21.8	2.0	2.0	0.05	0.15	1.5	C19-C21	
Liver	47	0	-	-	-	-	-	1.7	2.7	1.3	1.6	19.5	8.3	32.2	27.4	51.5	30.6	6.2	6.4	0.34	0.73	5.5	C22	
Gallbladder etc.	23	0	-	-	-	-	-	-	1.4	-	-	4.9	12.5	16.1	19.6	25.7	13.1	3.1	3.1	0.17	0.40	2.8	C23-C24	
Pancreas	7	0	-	-	-	-	-	-	-	-	-	4.9	4.2	-	7.8	5.1	4.4	0.9	1.0	0.05	0.11	0.8	C25	
Nose, sinuses etc	1	0	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C30-C31
Larynx	5	0	-	-	-	-	-	-	-	-	1.6	-	4.2	4	3.9	5.1	-	-	0.7	0.7	0.05	0.09	0.6	C32
Bronchus, lung	153	0	-	2	-	-	-	-	1.7	2.7	6.7	11.1	48.7	66.5	116.6	129.1	123.5	20.3	20.8	1.27	2.51	18.9	C33-C34	
Other Thoracic organs	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C37-C38
Bone	1	0	-	-	-	-	1.8	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.00	0.1	C40-C41
Connective tissue	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-	0.3	0.3	0.00	0.04	0.2	C47;C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C46
Melanoma of skin	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C43
Other skin	9	0	-	-	-	-	-	-	-	-	1.6	-	-	8	3.9	15.4	8.7	1.2	1.2	0.05	0.14	1.0	C44	
Breast	51	0	-	-	-	-	1.8	1.7	5.4	9.4	12.7	12.2	16.6	16.1	23.5	25.7	26.2	6.8	6.9	0.38	0.61	5.6	C50	
Uterus unspec.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	0.1	0.1	0.00	0.00	0.1	C55	
Cervix uteri	94	0	-	-	-	-	1.8	5	12.2	10.8	19	24.4	49.8	48.3	50.9	25.7	39.3	12.5	12.8	0.85	1.22	10.9	C53	
Placenta	1	0	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.00	0.01	0.1	C58
Corpus uteri	6	0	-	-	-	-	-	-	-	-	2.4	-	4	7.8	5.1	4.4	4.4	0.8	0.8	0.03	0.10	0.7	C54	
Ovary etc.	22	0	-	-	-	1.7	1.6	-	1.7	1.4	1.3	6.3	7.3	12.5	16.1	-	10.3	4.4	2.9	3.0	0.24	0.30	2.7	C56
Other female genital	8	0	-	-	-	-	-	-	-	-	1.6	2.4	4.2	-	7.8	5.1	8.7	1.1	1.1	0.04	0.11	0.9	C51-C52;C57	
Bladder	6	0	-	-	-	-	-	-	-	-	-	-	4.2	-	3.9	10.3	8.7	0.8	0.8	0.02	0.09	0.7	C67	
Kidney etc.	7	0	-	-	-	-	-	-	-	-	1.6	-	-	4	7.8	5.1	8.7	0.9	1.0	0.03	0.09	0.8	C64-C66;C68	
Eye	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C69
Brain, nervous system	5	0	-	2	-	-	-	-	1.4	1.3	-	-	-	4	3.9	-	-	-	0.7	0.7	0.04	0.06	0.6	C70-C72
Thyroid	11	0	-	-	-	-	-	-	-	-	1.6	2.4	4.2	12.1	7.8	-	13.1	1.5	1.5	0.10	0.14	1.4	C73	
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C74-C75
Hodgkin's disease	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C81
Non-Hodgkin lymphoma	22	0	-	-	-	1.6	3.6	3.3	-	-	-	4.9	24.9	8	11.7	5.1	13.1	2.9	3.0	0.22	0.30	2.9	C82-C85;C96	
Multiple myeloma	5	0	-	-	-	-	-	-	-	-	-	2.4	-	4	7.8	5.1	-	0.7	0.7	0.03	0.10	0.6	C88;C90	
Lymphoid leukaemia	1	0	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	0.1	0.1	0.02	0.02	0.2	C91
Myeloid leukaemia	12	0	2.4	-	-	1.7	-	3.3	-	1.3	-	-	-	-	19.6	5.1	4.4	1.6	1.6	0.04	0.17	1.5	C92	
Monocytic leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C93
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C94
Leukaemia unspec.	1	0	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C95
Other & unclassified	150	0	2.4	-	1.9	-	1.6	7.3	15	13.6	13.5	20.6	21.9	37.4	88.5	93.9	108.1	69.8	19.9	20.4	1.10	2.07	17.4	
All sites	735		4.8	4.0	1.9	3.4	6.4	16.3	35.1	44.9	57.6	96.8	172.8	266.2	406.0	512.4	493.5	410.5	97.7	100.0	5.40	9.99	86.3	

Table 42: NUMBER OF CANCER DEATHS IN CHIANGMAI 2002, MALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C00
Tongue	8	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	2	2	0.8	C01-C02
Salivary gland	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0.2	C07-C08
Mouth	9	0	0	0	0	0	0	0	0	0	0	1	0	2	1	1	2	2	1.0	C03-C06
Oropharynx	6	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	1	0.6	C09-C10
Nasopharynx	10	0	0	0	0	1	0	0	0	3	1	1	1	0	2	0	1	0	1.1	C11
Hypopharynx	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0.4	C12-C13
Pharynx unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C14
Oesophagus	11	0	0	0	0	0	0	0	0	0	0	2	0	1	2	3	1	2	1.2	C15
Stomach	41	0	0	0	0	0	0	1	0	1	0	8	4	4	5	7	6	5	4.3	C16
Small intestine	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	C17
Colon	20	0	0	0	0	0	1	0	0	0	1	0	3	2	1	1	3	8	2.1	C18
Rectum	28	0	0	0	0	0	0	0	0	1	0	3	3	6	1	4	1	9	3.0	C19-C21
Liver	161	0	0	0	0	1	0	0	2	4	22	21	21	15	19	20	23	13	17.1	C22
Gallbladder etc.	7	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	0	1	0.7	C23-C24
Pancreas	13	0	0	0	0	0	0	0	0	0	2	2	0	2	2	0	3	2	1.4	C25
Nose, sinuses etc	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0.3	C30-C31
Larynx	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	1.2	C32
Bronchus, lung	250	0	0	0	0	1	0	0	0	3	8	16	23	24	43	39	46	47	26.5	C33-C34
Other Thoracic organs	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	C37-C38
Bone	4	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0.4	C40-C41
Connective tissue	3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0.3	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46
Melanoma of skin	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C43
Other skin	13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	4	1.4	C44
Breast	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.2	C50
Prostate	29	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	4	16	3.1	C61
Testis	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0.3	C62
Penis	6	0	0	0	0	0	0	0	0	2	0	1	0	0	1	0	2	0	0.6	C60
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C63
Bladder	28	0	0	0	0	0	0	0	0	0	0	4	1	0	6	1	9	7	3.0	C67
Kidney etc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C64-C66;C68
Eye	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	C69
Brain, nervous system	12	0	0	0	2	1	1	0	0	1	1	0	2	0	2	0	2	0	1.3	C70-C72
Thyroid	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0.4	C73
Other endocrine	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	C74-C75
Hodgkin's disease	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0.5	C81
Non-Hodgkin lymphoma	38	0	0	0	0	1	0	0	2	3	2	6	2	3	1	6	6	6	4.0	C82-C85;C96
Multiple myeloma	7	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	2	1	0.7	C88;C90
Lymphoid leukaemia	4	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0.4	C91
Myeloid leukaemia	22	0	0	1	2	0	1	1	0	2	1	3	1	0	2	2	1	5	2.3	C92
Monocytic leukaemia	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0.2	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C95
Other & unspecifec	162	0	0	0	1	0	1	7	5	8	15	11	15	16	15	28	24	16	17.2	
All sites	943	0	1	2	6	6	8	11	11	28	58	83	84	83	116	128	156	162	100.0	

Table 43: NUMBER OF CANCER DEATHS IN CHIANGMAI 2002, FEMALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.2	C00
Tongue	7	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	2	0.9	C01-C02
Salivary gland	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0.2	C07-C08
Mouth	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0.6	C03-C06
Oropharynx	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	C09-C10
Nasopharynx	5	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	0	0.6	C11
Hypopharynx	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0.4	C12-C13
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14
Oesophagus	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0.4	C15
Stomach	38	0	0	0	0	0	1	2	1	3	1	3	3	1	8	5	6	4	4.7	C16
Small intestine	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2	C17
Colon	19	0	0	0	0	0	0	0	0	1	4	2	2	1	2	2	3	2	2.4	C18
Rectum	23	0	0	0	0	0	0	0	2	1	1	1	2	2	4	0	4	6	2.9	C19-C21
Liver	67	0	0	0	0	0	0	1	0	3	3	9	11	4	7	10	7	12	8.3	C22
Gallbladder etc.	21	0	0	0	0	0	0	0	0	1	0	0	3	1	4	5	4	3	2.6	C23-C24
Pancreas	14	0	0	0	0	0	0	0	0	0	1	1	2	0	2	3	3	2	1.7	C25
Nose, sinuses etc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C30-C31
Larynx	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0.4	C32
Bronchus, lung	176	0	0	0	0	0	0	0	0	2	3	11	16	12	26	49	29	28	21.9	C33-C34
Other Thoracic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C37-C38
Bone	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0.4	C40-C41
Connective tissue	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	C47-C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0.2	C43
Other skin	8	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	3	1.0	C44
Breast	70	0	0	0	0	0	0	0	0	5	4	19	12	6	5	9	3	7	8.7	C50
Uterus unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C55
Cervix uteri	83	0	0	0	0	0	0	1	2	5	14	13	11	11	6	9	7	4	10.3	C53
Placenta	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	C58
Corpus uteri	7	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2	0	1	0.9	C54
Ovary etc.	18	0	0	0	0	1	0	0	0	1	1	3	1	2	3	4	1	1	2.2	C56
Other female genital	13	0	0	0	0	0	0	0	0	0	0	1	3	1	0	2	0	6	1.6	C51-C52;C57
Bladder	12	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	6	1.5	C67
Kidney etc.	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.4	C64-C66;C68
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C69
Brain, nervous system	4	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0.5	C70-C72
Thyroid	7	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	0.9	C73
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75
Hodgkin's disease	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0.2	C81
Non-Hodgkin lymphoma	20	0	0	2	0	1	0	0	0	1	3	1	1	2	1	2	3	3	2.5	C82-C85;C96
Multiple myeloma	4	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0.5	C88;C90
Lymphoid leukaemia	4	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0.5	C91
Myeloid leukaemia	18	0	0	0	0	4	3	0	1	3	2	0	1	2	0	0	1	1	2.2	C92
Monocytic leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C95
Other & unclassified	132	0	0	1	0	1	2	4	1	6	10	10	13	9	19	26	18	12	16.4	
All sites	804	0	0	4	1	8	9	8	9	35	52	78	84	58	97	138	105	118	100.0	

Table 44: CANCER DEATHS, CHIANGMAI 2002

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Ages	Age																Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)	
		Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-							75+
Lip	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C00
Tongue	8	0	-	-	-	-	-	-	-	-	1.6	4.7	-	4.3	-	10.8	9.7	1.1	0.8	0.05	0.11	0.9	C01-C02	
Salivary gland	2	0	-	-	-	-	-	-	-	-	1.6	-	-	4.3	-	-	-	0.3	0.2	0.03	0.03	0.3	C07-C08	
Mouth	9	0	-	-	-	-	-	-	-	-	1.6	-	7.7	4.3	4.4	10.8	9.7	1.2	1.0	0.07	0.14	1.1	C03-C06	
Oropharynx	6	0	-	-	-	-	-	-	-	-	-	4.7	11.6	-	-	-	4.8	0.8	0.6	0.08	0.08	0.8	C09-C10	
Nasopharynx	10	0	-	-	-	1.7	-	-	-	4.7	1.4	1.6	2.3	-	8.7	5.4	-	1.4	1.1	0.10	0.13	1.2	C11	
Hypopharynx	4	0	-	-	-	-	-	-	-	-	-	-	-	-	4.3	4.4	-	9.7	0.6	0.4	0.02	0.04	0.5	C12-C13
Pharynx unspec.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	0.1	0.1	0.00	0.00	0.1	C14	
Oesophagus	11	0	-	-	-	-	-	-	-	-	3.2	-	3.9	8.7	13.3	5.4	9.7	1.5	1.2	0.08	0.17	1.4	C15	
Stomach	41	0	-	-	-	-	-	1.9	-	1.6	-	12.8	9.4	15.4	21.7	31	32.5	24.2	5.6	4.3	0.31	0.62	5.0	C16
Small intestine	1	0	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C17	
Colon	20	0	-	-	-	-	1.6	-	-	-	1.4	-	7	7.7	4.3	4.4	16.2	38.7	2.8	2.1	0.10	0.21	2.3	C18
Rectum	28	0	-	-	-	-	-	-	-	1.6	-	4.8	7	23.1	4.3	17.7	5.4	43.5	3.9	3.0	0.20	0.32	3.3	C19-C21
Liver	161	0	-	-	-	1.7	-	-	3.7	6.3	31.8	33.6	49.3	57.9	82.5	88.4	124.4	62.9	22.2	17.1	1.33	2.37	19.2	C22
Gallbladder etc.	7	0	-	-	-	-	-	-	-	-	1.4	-	2.3	7.7	4.3	4.4	-	4.8	1.0	0.7	0.08	0.10	0.9	C23-C24
Pancreas	13	0	-	-	-	-	-	-	-	-	2.9	3.2	-	7.7	8.7	-	16.2	9.7	1.8	1.4	0.11	0.19	1.5	C25
Nose, sinuses etc	3	0	-	-	-	-	-	-	-	-	-	-	-	-	4.3	4.4	-	4.8	0.4	0.3	0.02	0.04	0.4	C30-C31
Larynx	11	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	29	1.5	1.2	0.00	0.13	1.1	C32
Bronchus, lung	250	0	-	-	-	1.7	-	-	-	4.7	11.6	25.6	54	92.6	186.6	172.4	248.8	227.3	34.4	26.5	1.87	3.91	31.2	C33-C34
Other Thoracic organs	1	0	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.00	0.01	0.1	C37-C38
Bone	4	0	-	1.9	1.8	-	3.2	-	-	-	-	-	-	-	-	-	-	-	0.6	0.4	0.02	0.03	0.6	C40-C41
Connective tissue	3	0	-	-	-	-	-	-	-	-	-	-	2.3	3.9	-	4.4	-	-	0.4	0.3	0.03	0.05	0.4	C47-C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C46
Melanoma of skin	1	0	-	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C43
Other skin	13	0	-	-	-	-	-	-	-	-	-	-	-	-	4.3	8.8	32.5	19.3	1.8	1.4	0.02	0.23	1.5	C44
Breast	2	0	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-	5.4	-	0.3	0.2	0.01	0.04	0.2	C50
Prostate	29	0	-	-	-	-	-	-	-	-	-	-	-	13	26.5	21.6	77.4	4.0	3.1	0.06	0.31	3.3	C61	
Testis	3	0	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	5.4	4.8	0.4	0.3	0.01	0.03	0.3	C62
Penis	6	0	-	-	-	-	-	-	3.1	-	1.6	-	-	-	4.3	-	10.8	-	0.8	0.6	0.04	0.10	0.7	C60
Other male genital	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C63
Bladder	28	0	-	-	-	-	-	-	-	-	6.4	2.3	-	26	4.4	48.7	33.9	3.9	3.0	0.17	0.44	3.3	C67	
Kidney etc.	9	0	-	-	-	-	-	-	-	-	1.4	1.6	-	3.9	8.7	4.4	10.8	4.8	1.2	1.0	0.08	0.15	1.1	C64-C66;C68
Eye	1	0	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.3	C69
Brain, nervous system	12	0	-	-	3.6	1.7	1.6	-	-	1.6	1.4	-	4.7	-	8.7	-	10.8	-	1.7	1.3	0.11	0.17	1.6	C70-C72
Thyroid	4	0	-	-	-	-	-	-	-	-	-	-	-	-	4.3	4.4	5.4	4.8	0.6	0.4	0.02	0.07	0.5	C73
Other endocrine	1	0	-	-	-	-	-	-	-	-	-	-	-	3.9	-	-	-	-	0.1	0.1	0.02	0.02	0.2	C74-C75
Hodgkin's disease	5	0	-	-	-	-	-	-	-	-	-	-	2.3	-	-	4.4	10.8	4.8	0.7	0.5	0.01	0.09	0.6	C81
Non-Hodgkin lymphoma	38	0	-	-	-	1.7	-	-	3.7	4.7	2.9	9.6	4.7	11.6	4.3	26.5	32.5	29	5.2	4.0	0.22	0.51	4.3	C82-C85;C96
Multiple myeloma	7	0	-	-	-	-	-	-	1.8	-	1.4	-	-	-	4.3	4.4	10.8	4.8	1.0	0.7	0.04	0.11	0.8	C88;C90
Lymphoid leukaemia	4	0	-	-	-	1.7	1.6	-	-	-	1.4	-	-	-	-	-	-	4.8	0.6	0.4	0.02	0.02	0.5	C91
Myeloid leukaemia	22	0	-	1.9	3.6	-	1.6	1.9	-	3.1	1.4	4.8	2.3	-	8.7	8.8	5.4	24.2	3.0	2.3	0.14	0.21	2.7	C92
Monocytic leukaemia	2	0	-	-	-	-	-	3.7	-	-	-	-	-	-	-	-	-	-	0.3	0.2	0.02	0.00	0.3	C93
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C94
Leukaemia unspec.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C95
Other & unspcific	162	0	-	-	1.8	-	1.6	13.1	9.2	12.5	21.7	17.6	35.2	61.7	65.1	123.8	129.8	77.4	22.3	17.2	1.18	2.37	19.7	
All sites	943	0	2.4	3.8	10.8	10.2	12.8	20.6	20.2	43.9	83.5	132.8	196.8	320.3	503.0	565.6	843.6	783.3	129.9	100.0	6.52	12.85	114.4	

Table 45: CANCER DEATHS, CHIANGMAI 2002

Incidence per 100,000 by Age Group (years) - FEMALES

SITE	All Age		Age Group (years)																	Crude		CR	CR	ASR	ICD (10th)
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64	74	(W)		
Lip	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4.1	0.3	0.2	0.00	0.02	0.2	C00
Tongue	7	0	-	-	-	-	-	-	-	1.4	1.3	-	-	-	4.1	4	4.8	8.3	0.9	0.9	0.03	0.08	0.7	C01-C02	
Salivary gland	2	0	-	-	-	-	-	-	-	1.4	-	1.5	-	-	-	-	-	-	0.3	0.2	0.01	0.01	0.2	C07-C08	
Mouth	5	0	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	16.5	0.7	0.6	0.00	0.02	0.5	C03-C06	
Oropharynx	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	0.1	0.1	0.00	0.02	0.1	C09-C10	
Nasopharynx	5	0	-	-	-	-	-	-	-	-	-	-	2.2	-	4	4	9.6	-	0.7	0.6	0.03	0.10	0.6	C11	
Hypopharynx	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	4.1	0.4	0.4	0.00	0.05	0.3	C12-C13
Pharynx unspec.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C14	
Oesophagus	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	8.3	0.4	0.4	0.00	0.02	0.3	C15	
Stomach	38	0	-	-	-	-	1.6	3.7	1.7	4.2	1.3	4.5	6.7	3.9	32.9	20	28.9	16.5	5.0	4.7	0.29	0.53	4.4	C16	
Small intestine	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	4.1	0.3	0.2	0.00	0.02	0.2	C17
Colon	19	0	-	-	-	-	-	-	-	1.4	5.3	3	4.5	3.9	8.2	8	14.5	8.3	2.5	2.4	0.13	0.24	2.0	C18	
Rectum	23	0	-	-	-	-	-	-	3.4	1.4	1.3	1.5	4.5	7.8	16.5	-	19.3	24.8	3.0	2.9	0.18	0.28	2.5	C19-C21	
Liver	67	0	-	-	-	-	1.8	-	4.2	4	13.4	24.6	15.5	28.8	39.9	33.7	49.6	8.9	8.3	0.46	0.82	7.3	C22		
Gallbladder etc.	21	0	-	-	-	-	-	-	1.4	-	-	-	6.7	3.9	16.5	20	19.3	12.4	2.8	2.6	0.14	0.34	2.5	C23-C24	
Pancreas	14	0	-	-	-	-	-	-	-	1.3	1.5	4.5	-	8.2	12	14.5	8.3	1.9	1.7	0.08	0.21	1.5	C25		
Nose, sinuses etc	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C30-C31	
Larynx	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.00	0.05	0.3	C32	
Bronchus, lung	176	0	-	-	-	-	-	-	-	2.8	4	16.4	35.8	46.5	107	195.7	139.8	115.7	23.3	21.9	1.06	2.70	20.3	C33-C34	
Other Thoracic organs	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C37-C38	
Bone	3	0	-	-	-	-	-	-	1.7	-	-	-	-	-	-	-	-	4.8	4.1	0.4	0.4	0.01	0.03	0.3	C40-C41
Connective tissue	1	0	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.00	0.01	0.1	C47;C49	
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C45	
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C46	
Melanoma of skin	2	0	-	-	-	-	-	-	-	1.3	-	-	-	-	-	4	-	-	0.3	0.2	0.01	0.03	0.2	C43	
Other skin	8	0	-	-	-	-	-	-	-	-	-	1.5	-	-	4.1	4	9.6	12.4	1.1	1.0	0.03	0.10	0.8	C44	
Breast	70	0	-	-	-	-	-	-	-	7	5.3	28.3	26.9	23.3	20.6	35.9	14.5	28.9	9.3	8.7	0.56	0.81	7.5	C50	
Uterus unspec.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C55	
Cervix uteri	83	0	-	-	-	-	-	1.8	3.4	7	18.7	19.4	24.6	42.7	24.7	35.9	33.7	16.5	11.0	10.3	0.71	1.05	9.1	C53	
Placenta	1	0	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.00	0.01	0.1	C58	
Corpus uteri	7	0	-	-	-	-	-	-	-	1.4	1.3	-	-	3.9	4.1	8	-	4.1	0.9	0.9	0.05	0.09	0.8	C54	
Ovary etc.	18	0	-	-	-	1.7	-	-	-	1.4	1.3	4.5	2.2	7.8	12.3	16	4.8	4.1	2.4	2.2	0.16	0.26	2.2	C56	
Other female genital	13	0	-	-	-	-	-	-	-	-	-	1.5	6.7	3.9	-	8	-	24.8	1.7	1.6	0.06	0.10	1.3	C51-C52;C57	
Bladder	12	0	-	-	-	-	-	-	-	-	1.5	-	3.9	4.1	4	9.6	24.8	1.6	1.5	0.05	0.12	1.2	C67		
Kidney etc.	3	0	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	0.4	0.4	0.01	0.01	0.4	C64-C66;C68	
Eye	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C69	
Brain, nervous system	4	0	-	-	1.9	-	-	-	1.7	-	-	-	-	3.9	4.1	-	-	-	0.5	0.5	0.06	0.06	0.6	C70-C72	
Thyroid	7	0	-	-	-	-	-	-	-	-	-	-	-	3.9	8.2	4	4.8	8.3	0.9	0.9	0.06	0.10	0.9	C73	
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C74-C75	
Hodgkin's disease	2	0	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-	-	-	0.3	0.2	0.02	0.02	0.2	C81	
Non-Hodgkin lymphoma	20	0	-	4	-	1.7	-	-	-	1.4	4	1.5	2.2	7.8	4.1	8	14.5	12.4	2.7	2.5	0.13	0.25	2.3	C82-C85;C96	
Multiple myeloma	4	0	-	-	-	-	-	-	-	-	1.3	1.5	-	-	4.1	4	-	-	0.5	0.5	0.03	0.05	0.5	C88;C90	
Lymphoid leukaemia	4	0	-	-	-	1.7	1.6	-	-	-	-	-	-	-	4.1	-	4.8	-	0.5	0.5	0.03	0.06	0.5	C91	
Myeloid leukaemia	18	0	-	-	-	7	4.8	-	1.7	4.2	2.7	-	2.2	7.8	-	-	4.8	4.1	2.4	2.2	0.13	0.18	2.1	C92	
Monocytic leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C93	
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C94	
Leukaemia unspec.	1	0	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C95	
Other & unclassified	132	0	-	2	-	1.7	3.2	7.3	1.7	8.5	13.3	14.9	29.1	34.9	78.2	103.8	86.8	49.6	17.5	16.4	0.95	1.87	15.3		
All sites	804	0	0.0	8.0	1.9	13.8	14.4	14.6	15.3	49.1	69.0	116.4	187.9	225.3	399.0	551.2	505.9	487.5	106.6	100.0	5.35	10.22	90.3		

Table 46: NUMBER OF CANCER DEATHS IN CHIANGMAI 2003, MALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)	
Lip	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0.3	C00	
Tongue	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0.5	C01-C02	
Salivary gland	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.2	C07-C08	
Mouth	8	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	2	1	0.8	C03-C06	
Oropharynx	7	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	3	0.7	C09-C10	
Nasopharynx	17	0	0	0	0	0	0	0	0	1	2	2	1	1	0	3	4	2	1.7	C11	
Hypopharynx	11	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	1	5	1.1	C12-C13	
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14	
Oesophagus	8	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	3	0.8	C15	
Stomach	38	0	0	0	0	0	0	0	1	0	3	3	3	7	2	5	5	9	3.9	C16	
Small intestine	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0.2	C17	
Colon	17	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	2	6	4	1.7	C18
Rectum	22	0	0	0	0	0	0	1	1	1	0	3	2	0	2	3	5	4	2.3	C19-C21	
Liver	235	1	0	0	0	0	0	0	1	16	19	31	31	28	23	25	33	27	24.1	C22	
Gallbladder etc.	14	0	0	0	0	0	0	0	0	0	0	1	2	0	1	3	4	3	1.4	C23-C24	
Pancreas	14	0	0	0	0	0	0	0	0	0	0	3	2	1	1	3	3	1	1.4	C25	
Nose, sinuses etc	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0.4	C30-C31	
Larynx	14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	9	1.4	C32	
Bronchus, lung	281	0	0	0	0	0	0	2	3	2	7	8	18	23	34	56	56	72	28.8	C33-C34	
Other Thoracic organs	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	C37-C38	
Bone	6	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	2	0.6	C40-C41	
Connective tissue	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0.2	C47;C49	
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45	
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46	
Melanoma of skin	7	0	0	0	0	0	0	0	0	0	0	1	0	3	0	1	1	1	0.7	C43	
Other skin	13	1	0	0	0	0	0	0	0	0	0	0	1	0	3	2	3	3	1.3	C44	
Breast	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2	C50	
Prostate	17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	11	1.7	C61	
Testis	6	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	0.6	C62	
Penis	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2	C60	
Other male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C63	
Bladder	17	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	4	8	1.7	C67	
Kidney etc.	9	0	1	0	0	0	0	1	0	1	1	0	1	0	1	2	0	1	0.9	C64-C66;C68	
Eye	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	C69	
Brain, nervous system	21	0	1	0	1	0	0	1	6	1	1	1	2	1	0	2	2	2	2.1	C70-C72	
Thyroid	4	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0.4	C73	
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75	
Hodgkin's disease	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0.3	C81	
Non-Hodgkin lymphoma	32	0	0	0	1	0	0	0	2	2	4	2	4	3	4	3	5	2	3.3	C82-C85;C96	
Multiple myeloma	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0.3	C88;C90	
Lymphoid leukaemia	6	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	2	0	0.6	C91	
Myeloid leukaemia	12	0	1	0	0	0	1	1	0	2	0	2	2	0	0	0	1	2	1.2	C92	
Monocytic leukaemia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C93	
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94	
Leukaemia unspec.	4	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0.4	C95	
Other & unclassified	106	0	0	0	1	1	0	1	2	3	8	12	16	9	12	13	8	20	10.8		
All sites	977	2	5	0	4	3	1	8	18	29	50	81	97	83	90	141	157	208	100.0		

Table 47: NUMBER OF CANCER DEATHS IN CHIANGMAI 2003, FEMALES

Number of cases by Age Group (years)

SITE	All Ages	Age Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	%	ICD (10th)
Lip	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	C00
Tongue	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0.4	C01-C02
Salivary gland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C07-C08
Mouth	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0.8	C03-C06
Oropharynx	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	C09-C10
Nasopharynx	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0.5	C11
Hypopharynx	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.2	C12-C13
Pharynx unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C14
Oesophagus	10	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	4	2	1.2	C15
Stomach	29	0	0	0	0	0	0	0	1	3	1	1	3	3	2	5	3	7	3.4	C16
Small intestine	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0.4	C17
Colon	24	0	0	0	0	0	0	1	0	1	0	1	5	2	5	3	3	3	2.8	C18
Rectum	22	0	0	0	0	0	0	0	0	0	2	5	3	2	0	2	3	5	2.6	C19-C21
Liver	84	0	0	0	0	0	0	0	2	2	3	10	10	10	6	11	12	18	9.9	C22
Gallbladder etc.	14	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	9	1.6	C23-C24
Pancreas	22	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	8	5	2.6	C25
Nose, sinuses etc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C30-C31
Larynx	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	C32
Bronchus, lung	217	0	0	0	0	0	0	0	2	2	4	11	13	16	27	37	47	58	25.5	C33-C34
Other Thoracic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C37-C38
Bone	5	0	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	1	0.6	C40-C41
Connective tissue	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.2	C47-C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C46
Melanoma of skin	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0.2	C43
Other skin	8	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	4	0.9	C44
Breast	69	0	0	0	0	0	0	0	2	3	6	13	9	10	8	9	3	6	8.1	C50
Uterus unspec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C55
Cervix uteri	88	0	0	0	0	0	2	0	1	4	8	9	7	9	11	17	11	9	10.3	C53
Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C58
Corpus uteri	10	0	0	0	0	0	0	0	1	0	0	0	1	2	2	1	2	1	1.2	C54
Ovary etc.	15	0	0	0	0	0	1	1	0	2	1	3	2	2	2	0	1	0	1.8	C56
Other female genital	9	0	0	0	0	0	0	0	1	0	1	0	0	1	0	3	1	2	1.1	C51-C52;C57
Bladder	12	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	6	1.4	C67
Kidney etc.	8	0	1	0	0	0	0	0	0	1	0	0	1	1	1	2	0	1	0.9	C64-C66;C68
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C69
Brain, nervous system	14	0	1	0	1	0	0	0	1	1	1	2	3	1	2	1	0	0	1.6	C70-C72
Thyroid	8	0	0	0	0	0	0	1	0	0	0	1	1	0	3	0	1	1	0.9	C73
Other endocrine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C74-C75
Hodgkin's disease	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.2	C81
Non-Hodgkin lymphoma	24	0	0	0	0	0	0	0	0	3	1	3	2	4	2	3	3	3	2.8	C82-C85;C96
Multiple myeloma	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	C88;C90
Lymphoid leukaemia	8	0	1	0	3	0	0	0	0	1	1	0	1	0	0	1	0	0	0.9	C91
Myeloid leukaemia	18	0	0	0	1	1	1	0	0	1	1	3	3	0	1	3	2	1	2.1	C92
Monocytic leukaemia	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	C93
Other leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	C95
Other & unspecified	102	0	0	0	0	0	1	2	1	5	5	8	5	9	8	12	19	27	12.0	
All sites	852	0	3	0	6	2	5	5	12	29	39	72	71	78	91	126	134	179	100.0	

Table 48: CANCER DEATHS, CHIANGMAI 2003

Incidence per 100,000 by Age Group (years) - MALES

SITE	All Age		Age Group (years)																	Crude rate	CR %	CR 64	CR 74	ASR (W)	ICD (10th)
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+							
Lip	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	-	9.3	0.4	0.3	0.00	0.02	0.3	C00	
Tongue	5	0	-	-	-	-	-	-	-	-	-	-	-	-	4.4	-	10.5	9.3	0.7	0.5	0.02	0.07	0.6	C01-C02	
Salivary gland	2	0	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	5.3	-	0.3	0.2	0.01	0.04	0.2	C07-C08	
Mouth	8	0	-	-	-	-	-	-	-	-	1.6	2.2	3.6	-	9.1	10.5	4.6	1.1	0.8	0.04	0.13	0.9	C03-C06		
Oropharynx	7	0	-	-	-	-	-	-	-	1.5	-	2.2	3.6	-	4.5	-	13.9	1	0.7	0.04	0.06	0.8	C09-C10		
Nasopharynx	17	0	-	-	-	-	-	-	1.7	2.9	3.1	4.4	3.6	-	13.6	21.1	9.3	2.3	1.7	0.08	0.25	1.8	C11		
Hypopharynx	11	0	-	-	-	-	-	-	-	-	1.6	4.4	3.6	-	4.5	5.3	23.1	1.5	1.1	0.05	0.10	1.2	C12-C13		
Pharynx unspec.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C14		
Oesophagus	8	0	-	-	-	-	-	-	-	-	-	4.4	10.8	-	-	-	13.9	1.1	0.8	0.08	0.08	0.9	C15		
Stomach	38	0	-	-	-	-	-	1.9	-	4.4	4.7	6.6	25.1	8.9	22.7	26.4	41.6	5.2	3.9	0.26	0.50	4.4	C16		
Small intestine	2	0	-	-	-	-	-	-	-	1.5	-	-	-	4.4	-	-	-	0.3	0.2	0.03	0.03	0.3	C17		
Colon	17	0	-	-	-	-	-	-	-	1.5	3.1	2.2	3.6	-	9.1	31.6	18.5	2.3	1.7	0.05	0.26	1.8	C18		
Rectum	22	0	-	-	-	-	1.8	1.9	1.7	-	4.7	4.4	-	8.9	13.6	26.4	18.5	3	2.3	0.12	0.31	2.5	C19-C21		
Liver	235	1	-	-	-	-	-	1.9	26.4	27.7	48.3	67.7	100.4	102.1	113.5	174	124.9	32.3	24.1	1.86	3.26	27.1	C22		
Gallbladder etc.	14	0	-	-	-	-	-	-	-	-	1.6	4.4	-	4.4	13.6	21.1	13.9	1.9	1.4	0.05	0.23	1.6	C23-C24		
Pancreas	14	0	-	-	-	-	-	-	-	-	4.7	4.4	3.6	4.4	13.6	15.8	4.6	1.9	1.4	0.09	0.23	1.6	C25		
Nose, sinuses etc	4	0	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	13.9	0.5	0.4	0.01	0.01	0.4	C30-C31		
Larynx	14	0	-	-	-	-	-	-	-	-	-	-	-	4.4	9.1	10.5	41.6	1.9	1.4	0.02	0.12	1.5	C32		
Bronchus, lung	281	0	-	-	-	-	3.7	5.6	3.3	10.2	12.5	39.3	82.5	151	254.2	295.3	333.1	38.6	28.8	1.53	4.18	33.7	C33-C34		
Other Thoracic organs	1	0	-	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C37-C38		
Bone	6	0	-	1.8	1.8	-	-	-	-	-	-	-	-	-	9.1	-	9.3	0.8	0.6	0.02	0.06	0.8	C40-C41		
Connective tissue	2	0	-	-	-	-	1.8	-	-	-	1.6	-	-	-	-	-	-	0.3	0.2	0.02	0.01	0.2	C47-C49		
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C45		
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C46		
Melanoma of skin	7	0	-	-	-	-	-	-	-	-	1.6	-	10.8	-	4.5	5.3	4.6	1	0.7	0.06	0.11	0.9	C43		
Other skin	13	1	-	-	-	-	-	-	-	-	-	2.2	-	13.3	9.1	15.8	13.9	1.8	1.3	0.08	0.20	1.5	C44		
Breast	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3	4.6	0.3	0.2	0.00	0.03	0.2	C50		
Prostate	17	0	-	-	-	-	-	-	-	-	-	-	-	4.4	9.1	15.8	50.9	2.3	1.7	0.02	0.15	1.8	C61		
Testis	6	0	-	-	-	-	-	-	-	3.1	-	-	-	-	9.1	10.5	-	0.8	0.6	0.02	0.11	0.7	C62		
Penis	2	0	-	-	-	-	-	-	-	-	-	-	-	-	5.3	4.6	4.6	0.3	0.2	0.00	0.03	0.2	C60		
Other male genital	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C63		
Bladder	17	0	-	-	-	-	-	-	-	-	-	2.2	-	8.9	9.1	21.1	37	2.3	1.7	0.06	0.21	1.9	C67		
Kidney etc.	9	0	2.4	-	-	-	1.8	-	1.7	1.5	-	2.2	-	4.4	9.1	-	4.6	1.2	0.9	0.07	0.11	1.3	C64-C66;C68		
Eye	1	0	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	0.1	0.1	0.01	0.01	0.1	C69		
Brain, nervous system	21	0	2.4	-	1.8	-	1.8	11.2	1.7	1.5	1.6	4.4	3.6	-	9.1	10.5	9.3	2.9	2.1	0.15	0.24	2.6	C70-C72		
Thyroid	4	0	-	-	-	-	-	-	-	-	3.1	-	-	4.4	4.5	-	-	0.5	0.4	0.04	0.06	0.5	C73		
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C74-C75		
Hodgkin's disease	3	0	-	-	-	-	-	-	-	-	-	-	-	-	4.5	-	9.3	0.4	0.3	0.00	0.02	0.3	C81		
Non-Hodgkin lymphoma	32	0	-	-	1.8	-	-	3.7	3.3	5.8	3.1	8.7	10.8	17.8	13.6	26.4	9.3	4.4	3.3	0.27	0.47	3.8	C82-C85;C96		
Multiple myeloma	3	0	-	-	-	-	-	-	-	-	1.6	2.2	-	-	-	-	4.6	0.4	0.3	0.02	0.02	0.3	C88;C90		
Lymphoid leukaemia	6	0	4.9	-	1.8	-	-	1.9	-	-	-	-	-	-	-	10.5	-	0.8	0.6	0.04	0.10	1.1	C91		
Myeloid leukaemia	12	0	2.4	-	-	-	1.6	1.8	-	3.3	-	3.1	4.4	-	-	5.3	9.3	1.6	1.2	0.07	0.10	1.5	C92		
Monocytic leukaemia	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	0.1	0.1	0.00	0.00	0.1	C93		
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C94		
Leukaemia unspec.	4	0	-	-	-	-	-	-	-	1.5	1.6	2.2	-	-	4.5	-	-	0.5	0.4	0.03	0.05	0.4	C95		
Other & unspacific	106	0	-	-	1.8	1.8	-	1.8	3.7	5	11.7	18.7	34.9	32.3	53.3	59	42.2	92.5	14.6	10.8	0.82	1.31	12.4		
All sites	977	2	12.1	0.0	7.2	5.4	1.6	14.5	33.7	48.1	73.2	126.6	212.2	297.9	399.4	639.9	827.8	962.4	133.8	100.0	5.97	12.56	114.2		

Table 49: CANCER DEATHS, CHIANGMAI 2003

Incidence per 100,000 by Age Group (years) - FEMALES

SITE	All Age		Crude																	CR	CR	ASR	ICD (10th)	
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	rate	%	64	74		(W)
Lip	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-	-	0.1	0.1	0.00	0.02	0.1	C00
Tongue	3	0	-	-	-	-	-	-	-	-	-	-	-	-	8.5	-	4.6	-	0.4	0.4	0.04	0.07	0.4	C01-C02
Salivary gland	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	0.1	0.1	0.00	0.00	0.1	C07-C08
Mouth	7	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	19.7	0.9	0.8	0.00	0.05	0.6	C03-C06
Oropharynx	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	0.1	0.1	0.00	0.02	0.1	C09-C10
Nasopharynx	4	0	-	-	-	-	-	-	-	-	-	-	3.5	-	-	8.2	-	3.9	0.5	0.5	0.02	0.06	0.5	C11
Hypopharynx	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-	3.9	0.3	0.2	0.00	0.02	0.2	C12-C13
Pharynx unspec.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C14
Oesophagus	10	0	-	-	-	-	-	-	-	1.3	-	-	-	-	4.3	8.2	18.4	7.9	1.3	1.2	0.03	0.16	1	C15
Stomach	29	0	-	-	-	-	-	1.7	4.4	1.3	1.4	6.1	10.6	8.5	20.5	13.8	27.6	3.8	3.4	0.17	0.34	3.1	C16	
Small intestine	3	0	-	-	-	-	-	-	-	-	-	-	3.5	-	4.1	4.6	-	-	0.4	0.4	0.02	0.06	0.4	C17
Colon	24	0	-	-	-	-	1.8	-	1.5	-	1.4	10.2	7.1	21.4	12.3	13.8	11.8	3.2	2.8	0.22	0.34	2.8	C18	
Rectum	22	0	-	-	-	-	-	-	-	2.7	7.2	6.1	7.1	-	8.2	13.8	19.7	2.9	2.6	0.12	0.23	2.1	C19-C21	
Liver	84	0	-	-	-	-	-	3.5	2.9	4	14.4	20.5	35.5	25.6	45.1	55.3	70.9	11.1	9.9	0.53	1.03	8.8	C22	
Gallbladder etc.	14	0	-	-	-	-	-	-	-	-	1.4	2	-	8.5	4.1	-	35.4	1.8	1.6	0.06	0.08	1.4	C23-C24	
Pancreas	22	0	-	-	-	-	-	-	-	-	1.4	2	7.1	12.8	8.2	36.9	19.7	2.9	2.6	0.12	0.34	2.4	C25	
Nose, sinuses etc	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C30-C31
Larynx	1	0	-	-	-	-	-	-	-	-	-	-	-	4.3	-	-	-	-	0.1	0.1	0.02	0.02	0.2	C32
Bronchus, lung	217	0	-	-	-	-	-	3.5	2.9	5.3	15.9	26.6	56.7	115.3	151.7	216.6	228.3	28.6	25.5	1.12	2.93	23.3	C33-C34	
Other Thoracic organs	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C37-C38
Bone	5	0	-	-	1.9	1.8	-	-	-	-	2.7	-	-	-	-	-	-	3.9	0.7	0.6	0.03	0.03	0.6	C40-C41
Connective tissue	2	0	-	-	-	-	-	-	-	-	-	-	-	3.5	-	-	-	3.9	0.3	0.2	0.02	0.02	0.2	C47;C49
Mesothelioma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C45
Kaposi's sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C46
Melanoma of skin	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	-	-	0.3	0.2	0.00	0.05	0.2	C43
Other skin	8	0	-	-	-	-	-	-	-	1.3	-	-	-	-	8.2	4.6	15.7	1.1	0.9	0.01	0.07	0.7	C44	
Breast	69	0	-	-	-	-	-	3.5	4.4	8	18.8	18.4	35.5	34.2	36.9	13.8	23.6	9.1	8.1	0.61	0.86	7.6	C50	
Uterus unspec.	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C55	
Cervix uteri	88	0	-	-	-	-	3.2	-	1.7	5.8	10.7	13	14.3	31.9	47	69.7	50.7	35.4	11.6	10.3	0.62	1.23	9.8	C53
Placenta	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C58
Corpus uteri	10	0	-	-	-	-	-	-	1.7	-	-	2	7.1	8.5	4.1	9.2	3.9	1.3	1.2	0.10	0.16	1.2	C54	
Ovary etc.	15	0	-	-	-	-	1.6	1.8	-	2.9	1.3	4.3	4.1	7.1	8.5	-	4.6	-	2	1.8	0.15	0.17	1.7	C56
Other female genital	9	0	-	-	-	-	-	-	1.7	-	1.3	-	-	3.5	-	12.3	4.6	7.9	1.2	1.1	0.03	0.12	0.9	C51-C52;C57
Bladder	12	0	-	-	-	-	-	-	-	-	-	-	-	8.5	8.2	9.2	23.6	1.6	1.4	0.04	0.13	1.2	C67	
Kidney etc.	8	0	2.6	-	-	-	-	-	1.5	-	-	2	3.5	4.3	8.2	-	3.9	1.1	0.9	0.07	0.11	1.1	C64-C66;C68	
Eye	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C69
Brain, nervous system	14	0	2.6	-	1.9	-	-	-	1.7	1.5	1.3	2.9	6.1	3.5	8.5	4.1	-	-	1.8	1.6	0.15	0.17	1.8	C70-C72
Thyroid	8	0	-	-	-	-	1.8	-	-	-	1.4	2	-	12.8	-	4.6	3.9	1.1	0.9	0.09	0.10	1	C73	
Other endocrine	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C74-C75
Hodgkin's disease	2	0	-	-	-	-	-	-	-	-	-	-	-	-	4.1	4.6	-	-	0.3	0.2	0.00	0.04	0.2	C81
Non-Hodgkin lymphoma	24	0	-	-	-	-	-	-	4.4	1.3	4.3	4.1	14.2	8.5	12.3	13.8	11.8	3.2	2.8	0.18	0.31	2.6	C82-C85;C96	
Multiple myeloma	1	0	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-	-	-	0.1	0.1	0.00	0.02	0.1	C88;C90
Lymphoid leukaemia	8	0	2.6	-	5.6	-	-	-	1.5	1.3	-	2	-	-	4.1	-	-	1.1	0.9	0.06	0.09	1.2	C91	
Myeloid leukaemia	18	0	-	-	1.9	1.8	1.6	-	1.5	1.3	4.3	6.1	-	4.3	12.3	9.2	3.9	2.4	2.1	0.11	0.22	2	C92	
Monocytic leukaemia	1	0	-	-	-	-	-	-	-	-	-	-	3.5	-	-	-	-	0.1	0.1	0.02	0.02	0.1	C93	
Other leukaemia	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0	0.00	0.00	0	C94	
Leukaemia unspec.	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	0.1	0.1	0.00	0.00	0.1	C95	
Other & unclassified	102	0	-	-	-	-	1.6	3.6	1.7	7.3	6.7	11.5	10.2	31.9	34.2	49.2	87.5	106.3	13.5	12.0	0.53	1.20	10.6	
All sites	852	0	7.8	0.0	11.3	3.6	8.0	9.0	20.7	42.5	51.8	103.6	144.8	276.3	388.5	516.6	617.2	704.3	112.5	100.0	5.16	10.38	92.6	

CHIANG MAI POPULATION AND ADMINISTRATIVE DIVISIONS

In 2003, Chiang Mai province was composed of 22 districts (Amphoes) and 2 sub-districts (King-Amphoes) (Fig. 28). Local administration consisted of one municipal and 28 health districts. Total population in Chiang Mai in 2003 was about 1,603,220 persons, consisting of 790,107 males and 813,113 females. The population density averaged 79.7 people per km². In the municipal area, the population density was 10,832 per km², and dropped to 60.5 per km² in non-municipal areas. The highest population density was in Muang District (1492.5 per km²), followed by Saraphi, Sanpatong, Sansai, and Sankamphaeng. The lowest population density was in Mae Chaem District (19.7 per km²). Eighty-two percent of the population was born in the province, and the remainder was made up of Thai nationals, Chinese, Laos, and hilltribe people. Buddhism was the professed religion of 91.7% of the people in the province. For the remainder, most were either Christians or Muslims.

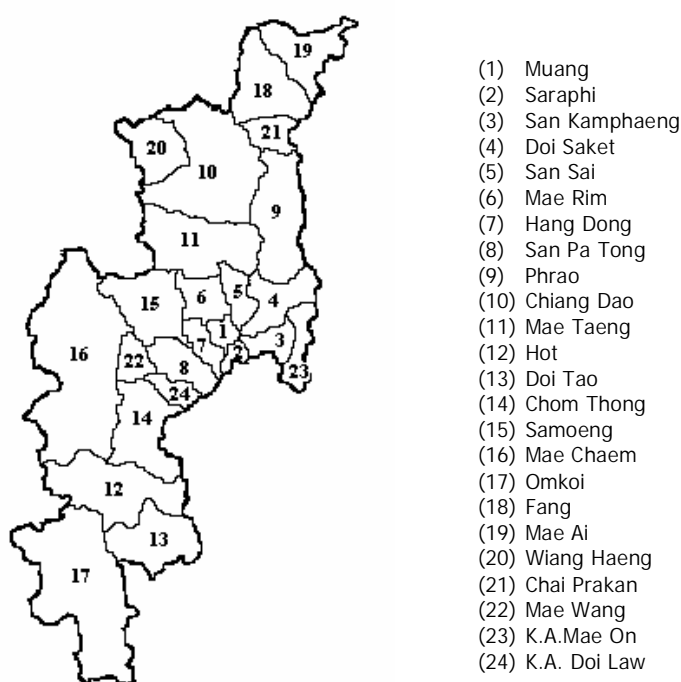


Figure 28: Districts of Chiang Mai

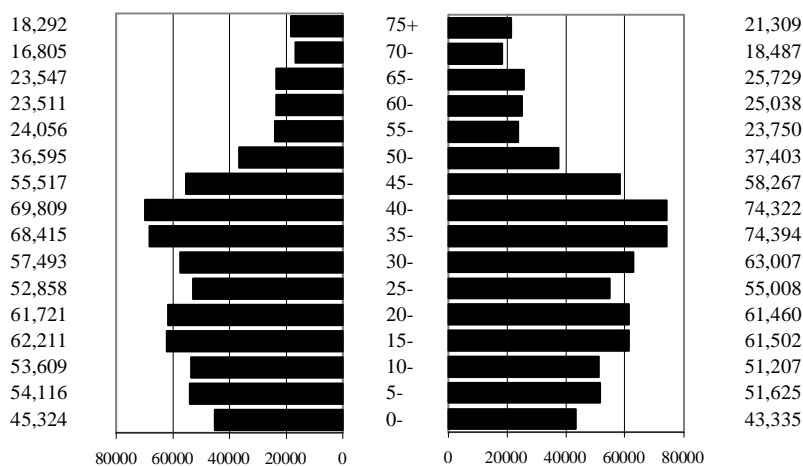


Figure 29: Population pyramid, Chiang Mai, 2000

Age and Sex

The age-sex distributions in 2000 to 2003 are illustrated by population pyramids (Figure 28-31). In 2000, 20.3% of the total population was age of under 15 and 11.7% over 60, and in 2003, the proportion changed to 19.5% of age less than 15 and 12.1% over 60.

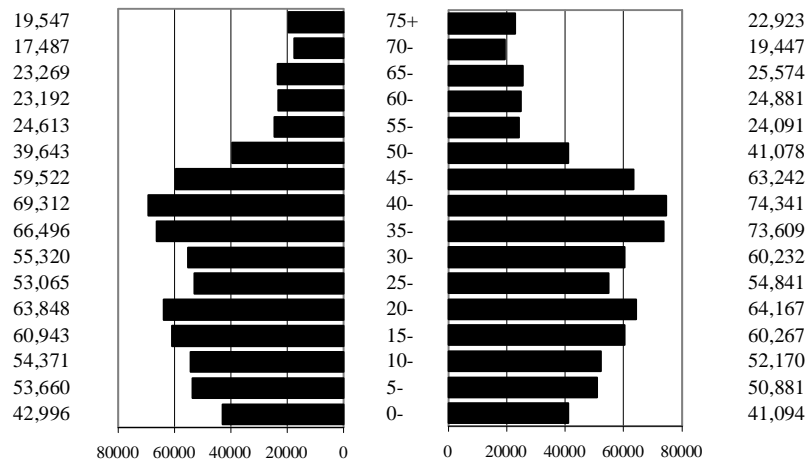


Figure 30: Population pyramid, Chiang Mai, 2001

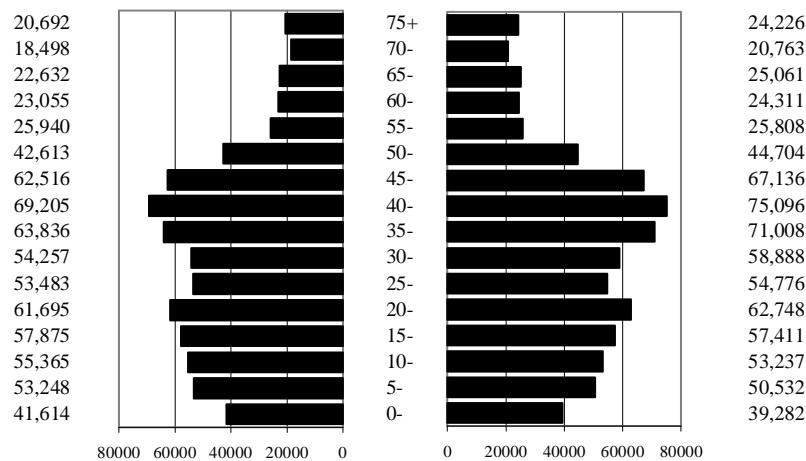


Figure 31: Population pyramid, Chiang Mai, 2002

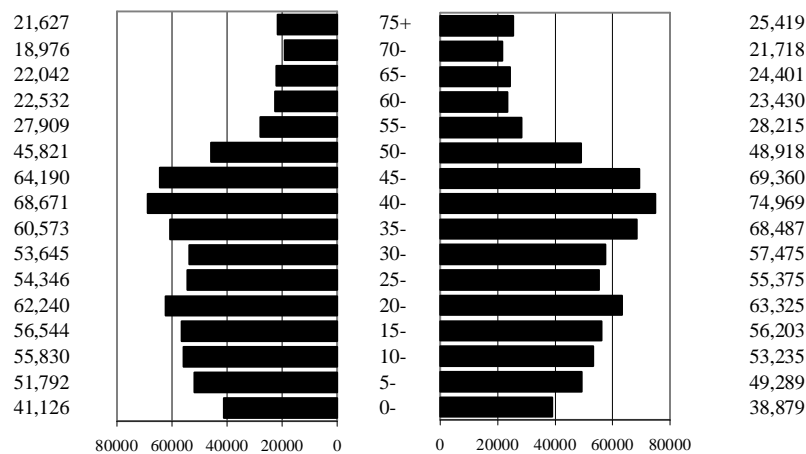


Figure 32: Population pyramid, Chiang Mai, 2003

HOSPITAL-BASED REGISTRATION

Maharaj Nakorn Chiang Mai Hospital

Maharaj Nakorn Chiang Mai Hospital is the university hospital of the Faculty of Medicine, Chiang Mai University. The hospital was built in 1939 in order to expand the service of the Chiang Mai Municipality Hospital to the public. Known locally as Suan Dok Hospital, it was officially named Nakorn Chiang Mai Hospital in 1941 and became the teaching hospital for the Faculty of Medicine in 1959. There have been phases of expansion and development since then. The name was changed to Maharaj Nakorn Chiang Mai Hospital in 1983 by Royal permission. The hospital with all three buildings has 1,800 beds and serves about 415,000 out-patients and 49,200 in-patients each year. Many joint programs have been set up with other hospitals and health centers both inside and outside the Chiang Mai area to provide medical and educational support for physicians and medical students. In cooperation with the Ministry of Public Health, physicians from the Faculty of Medicine provide medical services at rural health centers or give special lectures for doctors and other health personnel at provincial hospitals.

Overview

In 2000 to 2003, there were 15,635 cases of new invasive cancer at Maharaj Nakorn Chiang Mai Hospital. Thirty-nine percent were Chiang Mai residents, 41.2% came from nearby provinces (Lampoon, Lampang, Phayao and Chiang Rai), 17.9% came from the other provinces in the northern region, and only 1.4% resided outside the northern region (Table 50).

Age and sex

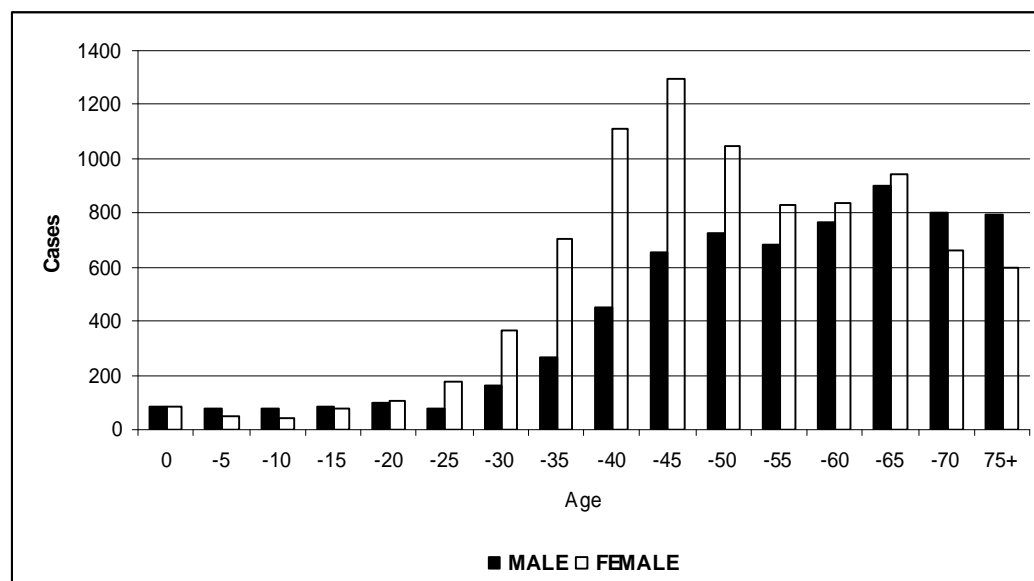
There were 6,706 male and 8,929 female cancer cases in the year 2000 to 2003, with a male to female ratio of 1 : 1.3, but 4,506 (50.5%) of the cancers in females occurred in sex-specific sites (i.e. breast and reproductive organs) while only 338 cases (5.0%) of sex-specific cancers (i.e. prostate, testis, and penis cancers) occurred in males. When sex-specific sites were excluded, the male to female ratio increased to 1.4 : 1.

Ages ranged from less than one year to 98 years. The mean age at diagnosis was 54.0, and the median age was 54.0. For males, the mean age was 56.3 with the median age 59. For females, the mean age was 52.3 with the median age 51. In the age group 25 to 64, female cancer cases were much more common than male, and male cancer cases were more common than female after age of 65 (Fig. 33). There were 410 cases of cancer in children (age less than 15), accounting for only 2.6% of all cases, but there were 6,297 cases in the old-age group (age 60 and over), accounting for 40.3% of all cases.

There were 692 in situ cases, that were not included in this analysis. Cervix cancer in situ was the most common, accounting for 89.9% of cases. The age of in situ cases ranged from 10 to 86 years and the median age was 43 years.

Table 50: Locations of the invasive cancer cases

Location	cases	%
NORTHERN REGION	15,415	98.6
Chiang Mai	6,178	39.5
Chiang Rai	2,059	13.2
Lamphoon	1,881	12.0
Phayao	1,314	8.4
Lampang	1,190	7.6
Nan	614	3.9
Phrae	557	3.6
Mae Hong Son	460	2.9
Tak	360	2.3
Sukhothai	239	1.5
Uttaradit	232	1.5
Phitsanulok	132	0.8
Kamphaingphet	93	0.6
Phichit	45	0.3
Nakhon Sawan	33	0.2
Phetchabun	24	0.2
Uthai Thani	4	0.0
CENTRAL REGION	104	0.7
NORTH-EASTERN REGION	53	0.3
SOUTHERN REGION	18	0.1
FOREIGNERS	45	0.3
TOTAL	15,635	100.0

**Figure 33: Age distribution of new cancer cases in Maharaj Nakorn Chiang Mai Hospital, 2000-2003*****Basis of diagnosis***

There were 13,313 histologically verified cases (85.2%). Sixty nine percent had primary sites and 10.2% had metastasis sites (Table 51). By site, for both males and females, the clinical diagnosis was high in liver and pancreas (Table 55).

Table 51: Type of diagnosis

Type of diagnosis	No.	%
Histological verification	13313	85.2
Histology of primary	10885	69.6
Histology of metastasis	1588	10.2
Cytology/hematology	840	5.4
No histological verification	2321	14.8
Clinical only	140	0.9
Clinical and Investigations	1892	12.1
Operation/surgery	283	1.8
Immuno/Biochemistry	6	0.0
	15635	100.0

Table 52: Stage of diseases

Stage	No.	%
Localized	2864	18.3
Locally advanced	5594	35.8
Regional node metastasis	1367	8.7
Distant metastasis	3561	22.8
Not applicable	1785	11.4
Unknown/Not stage	464	3.0
	15635	100.0

Stage of disease

Thirty-one percent were diagnosed at an advanced stage (22.8% distant metastasis and 8.7% regional node metastasis), and 54.1% were diagnosed at a localized stage and locally advanced (Table 52). Eleven percent were staged as *not applicable*; most of this group were lymphoma, leukemia, and brain tumor cases.

In 3,561 cases of distant metastasis, 8.6% had multiple sites of metastasis. The most common site of distant metastasis was distant lymph nodes (27.2%), followed by omentum/peritoneal metastasis (17.4%), bone (15.1%), lung (14.7%), liver (9.7%) and brain (7.9%).

Leading sites of cancer cases

Of the invasive cancer in both sexes combined, cervix cancer was the most common (14.8%), followed by lung, liver, breast, and non-Hodgkin's lymphoma (Table 53). Together these five types of cancer accounted for 51.4% of all new cancers. For males, the most common cancer was lung cancer, accounting for 20.2% of all new cases, followed by liver cancer, non-Hodgkin's lymphoma, nasopharyngeal cancer, and rectal cancer. For females, the most common cancers were cervix cancer, accounting for 25.8% of all new cases, followed by breast, lung, ovary, and liver cancer.

Table 53: Ten leading cancers in Maharaj Nakorn Chiang Mai Hospital, 2000-2003

Rank	Males	cases	%	Females	cases	%	Both sexes	cases	%
1	Lung	1353	20.2	Cervix	2308	25.8	Cervix	2308	14.8
2	Liver	1027	15.3	Breast	1298	14.5	Lung	2213	14.2
3	NHL	426	6.4	Lung	860	9.6	Liver	1454	9.3
4	Nasopharynx	294	4.4	Ovary	458	5.1	Breast	1317	8.4
5	Rectum	263	3.9	Liver	427	4.8	NHL	747	4.8
6	Myeloid leuke.	211	3.1	NHL	321	3.6	Rectum	484	3.1
7	Stomach	204	3.0	Thyroid	313	3.5	Ovary	458	2.9
8	Colon	204	3.0	Corpus uteri	261	2.9	Colon	431	2.8
9	Bladder	203	3.0	Colon	227	2.5	Nasopharynx	416	2.7
10	Prostate	200	3.0	Rectum	221	2.5	Myeloid Leuke.	411	2.6

Childhood cancer

There were 395 cases of childhood cancers (ages less than 1 to 14), accounting for 2.5% of all cancer cases. The most common childhood cancer was leukemia, accounting for 45.1% of childhood cancers, followed by brain and nervous system (14.7%), NHL (9.9%), bone (6.1%) and kidney (4.6%).

Type of initial treatment

The type of initial treatment was recorded in 11,777 cases (75.3%). There were 1,441 cases (9.2%) that received only symptomatic treatment due to an advanced stage or refused treatment. The majority of cases received a single modality of treatment, and the common type of treatment was surgery, followed by radiation therapy, and chemotherapy (Table 54).

Table 54: Type of initial treatment

Type of treatment	cases	%
Combined modalities	4196	26.8
Surgery + radiotherapy	1028	6.6
Surgery + chemotherapy	1536	9.8
Radiotherapy + chemotherapy	982	6.3
Surg. + radiotherapy + chemo.	554	3.5
Other	96	0.6
Single modality	7581	48.5
Surgery	3044	19.5
Radiotherapy	2588	16.6
Chemotherapy	1874	12.0
Other	75	0.5
Total	15635	100.0

Table 55: Percentage of data verification by sites, 2000-2003

	Males			Females			
	cases	%HV	%MV	cases	%HV	%MV	ICD-10th
Lip	11	100.0	100.0	16	93.8	93.8	C00
Tongue	101	99.0	99.0	63	96.8	96.8	C01-C02
Salivary gland	36	88.9	86.1	29	100.0	100.0	C07-C08
Mouth	132	98.5	98.5	110	99.1	99.1	C03-C06
Oropharynx	79	97.5	96.2	18	88.9	88.9	C09-C10
Nasopharynx	294	97.3	97.3	122	96.7	96.7	C11
Hypopharynx	71	95.8	95.8	23	95.7	95.7	C12-C13
Pharynx unspec.	3	100.0	100.0	1	100.0	100.0	C14
Oesophagus	97	74.2	74.2	29	72.4	72.4	C15
Stomach	204	86.8	86.8	171	90.1	88.3	C16
Small intestine	11	72.7	72.7	8	100.0	100.0	C17
Colon	204	81.9	81.4	227	85.0	85.0	C18
Rectum	263	88.6	88.6	221	92.3	91.9	C19-C21
Liver	1027	40.7	38.9	427	43.1	40.7	C22
Gallbladder etc.	68	75.0	75.0	102	64.7	63.7	C23-C24
Pancreas	83	39.8	39.8	65	41.5	41.5	C25
Nose, sinuses etc.	51	94.1	94.1	31	96.8	90.3	C30-C31
Larynx	144	95.8	95.8	45	88.9	88.9	C32
Bronchus, lung	1353	73.7	62.5	860	74.2	64.0	C33-C34
Other Thoracic organs	21	90.5	66.7	11	100.0	90.9	C37-C38
Bone	45	97.8	97.8	29	89.7	89.7	C40-C41
Connective tissue	67	97.0	97.0	50	96.0	96.0	C47;C49
Mesothelioma	1	100.0	100.0	0			C45
Kaposi's sarcoma	4	100.0	100.0	3	100.0	100.0	C46
Melanoma of skin	41	100.0	100.0	20	100.0	100.0	C43
Other skin	145	98.6	98.6	137	100.0	100.0	C44
Breast	19	100.0	100.0	1298	95.6	93.1	C50
Uterus unspec.				1	100.0	100.0	C55
Cervix uteri				2308	97.8	97.7	C53
Placenta				26	57.7	57.7	C58
Corpus uteri				261	98.9	98.5	C54
Ovary etc.				458	92.8	91.5	C56
Other female genital				152	98.7	98.0	C51-C52;C57
Prostate	200	85.5	84.5				C61
Testis	41	85.4	85.4				C62
Penis	74	95.9	95.9				C60
Other male genital	4	100.0	100.0				C63
Bladder	203	94.6	94.6	73	87.7	87.7	C67
Kidney etc.	72	79.2	79.2	54	81.5	81.5	C64-C66;C68
Eye	27	81.5	81.5	12	75.0	75.0	C69
Brain, nervous system	97	73.2	73.2	97	60.8	60.8	C70-C72
Thyroid	84	94.0	92.9	313	97.4	93.9	C73
Other endocrine	14	71.4	71.4	12	58.3	58.3	C74-C75
Hodgkin's disease	45	100.0	97.8	25	100.0	100.0	C81
Non-Hodgkin lymphoma	426	100.0	96.0	321	100.0	96.0	C82-C85;C96
Multiple myeloma	57	100.0	45.6	36	100.0	41.7	C88;C90
Lymphoid leukaemia	129	100.0	38.0	105	100.0	39.0	C91
Myeloid leukaemia	211	100.0	57.3	200	100.0	48.5	C92
Monocytic leukaemia	8	100.0	37.5	5	100.0	100.0	C93
Other leukaemia	1	100.0	100.0	2	100.0	50.0	C94
Leukaemia unspec.	28	100.0	14.3	23	100.0	21.7	C95
Other & unspecified	410	76.3	72.2	329	80.5	76.0	
ALL	6706	79.3	72.6	8929	89.6	85.2	

HV% Percentage of cases with histological verification (cytology and morphology)

MV% Percentage of cases with morphological verification

ICD-10th ICD-10 code

Table 56: NUMBER OF NEW CANCER CASES IN MAHARAJ NAKORN CHIANG MAI HOSPITAL, 2000-2003, MALES

Number of cases by Age Group (years)

SITE	All	Age																	%	ICD (10th)
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+		
Lip	11	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	3	0.2	C00
Tongue	101	0	0	0	0	0	2	0	5	2	4	8	10	9	14	15	16	16	1.5	C01-C02
Salivary gland	36	0	0	0	1	2	0	1	2	2	1	5	3	3	2	5	5	4	0.5	C07-C08
Mouth	132	0	0	0	0	0	0	0	0	1	9	14	8	12	14	21	22	31	2.0	C03-C06
Oropharynx	79	0	0	0	0	0	0	2	1	1	6	4	10	8	6	9	12	20	1.2	C09-C10
Nasopharynx	294	0	0	0	2	14	6	7	7	17	47	37	43	23	33	31	12	15	4.4	C11
Hypopharynx	71	0	0	0	0	0	1	0	0	1	0	7	8	7	6	9	17	15	1.1	C12-C13
Pharynx unspec.	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0.0	C14
Esophagus	97	0	0	0	0	0	0	1	0	1	2	8	10	16	16	12	13	18	1.4	C15
Stomach	204	0	0	0	1	1	1	3	2	3	19	23	27	19	23	26	26	30	3.0	C16
Small intestine	11	0	0	0	0	1	0	0	1	0	1	1	0	0	0	2	3	2	0.2	C17
Colon	204	0	0	0	2	1	2	3	7	9	20	20	27	9	22	25	31	26	3.0	C18
Rectum	263	0	0	0	0	0	3	4	6	11	21	27	29	27	36	39	27	33	3.9	C19-C21
Liver	1027	1	1	1	1	1	3	4	24	45	100	155	157	125	119	120	96	74	15.3	C22
Gallbladder etc.	68	0	0	0	0	0	0	0	1	2	4	10	7	11	8	7	12	6	1.0	C23-C24
Pancreas	83	0	0	0	0	0	0	0	1	2	6	14	10	10	8	10	15	7	1.2	C25
Nose, sinuses etc	51	0	0	0	0	0	1	1	1	3	3	7	5	9	4	5	4	8	0.8	C30-C31
Larynx	144	0	0	0	0	0	0	0	0	1	2	14	14	9	16	22	30	36	2.1	C32
Bronchus, lung	1353	1	0	1	0	2	2	1	4	24	54	105	149	192	219	271	189	139	20.2	C33-C34
Other Thoracic organs	21	0	2	0	0	1	4	0	1	2	2	1	4	2	1	1	0	0	0.3	C37-C38
Bone	45	0	0	5	11	10	8	1	2	2	1	0	2	0	0	0	0	3	0.7	C40-C41
Connective tissue	67	0	3	0	0	1	5	2	8	7	5	5	8	2	2	8	4	7	1.0	C47-C49
Mesothelioma	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.0	C45
Kaposi's sarcoma	4	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	1	0	0.1	C46
Melanoma of skin	41	0	0	0	0	1	1	0	0	3	5	4	2	5	4	6	5	5	0.6	C43
Other skin	145	0	0	0	2	0	4	1	3	5	4	9	12	12	11	20	23	39	2.2	C44
Breast	19	0	0	0	0	0	0	0	1	0	2	2	2	0	1	4	3	4	0.3	C50
Prostate	200	0	0	0	0	0	0	0	1	0	1	1	2	12	21	37	51	74	3.0	C61
Testis	41	0	1	0	0	4	1	5	5	10	4	7	1	0	0	3	0	0	0.6	C62
Penis	74	0	0	0	0	0	0	3	3	4	7	13	5	6	14	5	6	8	1.1	C60
Other male genital	4	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	1	0.1	C63
Bladder	203	0	0	1	0	0	0	2	0	6	8	11	19	15	27	36	34	44	3.0	C67
Kidney etc.	72	0	9	1	0	0	0	0	0	5	11	4	11	7	6	6	9	3	1.1	C64-C66;C68
Eye	27	0	10	1	0	0	0	0	1	2	4	1	1	1	2	2	0	2	0.4	C69
Brain, nervous system	97	0	6	16	10	5	9	3	10	7	3	4	8	2	4	3	5	2	1.4	C70-C72
Thyroid	84	0	0	0	2	1	4	0	3	4	5	11	9	6	17	7	10	5	1.3	C73
Other endocrine	14	0	2	1	4	0	1	0	2	1	1	0	1	0	0	1	0	0	0.2	C74-C75
Hodgkin's disease	45	0	1	1	2	3	1	1	3	2	4	4	6	2	3	6	4	2	0.7	C81
Non-Hodgkin lymphoma	426	0	4	12	8	14	9	12	26	33	30	43	39	35	38	42	38	43	6.4	C82-C85;C96
Multiple myeloma	57	0	0	0	0	1	0	0	1	2	6	3	10	6	6	9	7	6	0.8	C88;C90
Lymphoid leukaemia	129	0	36	27	16	8	7	2	4	4	1	3	2	6	2	2	2	7	1.9	C91
Myeloid leukaemia	211	0	4	8	10	9	14	12	8	18	20	30	17	11	11	10	14	15	3.1	C92
Monocytic leukaemia	8	0	1	0	0	1	0	2	0	0	0	0	2	0	1	0	0	1	0.1	C93
Other leukaemia	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	28	0	2	0	1	2	0	1	1	2	1	3	1	2	1	5	6	0	0.4	C95
Other & unclassified	410	1	5	3	1	4	6	3	14	20	26	36	43	61	46	54	47	40	6.1	
All sites	6706	3	87	78	74	87	97	77	163	264	452	657	725	683	766	897	801	795	100.0	

Table 57: NUMBER OF NEW CANCER CASES IN MAHARAJ NAKORN CHIANG MAI HOSPITAL, 2000-2003, FEMALES

Number of cases by Age Group (years)

SITE	All	Age																	%	ICD (10th)
	Ages	Unk.	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+		
Lip	16	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3	7	0.2	C00
Tongue	63	0	0	0	1	0	0	1	4	1	2	6	9	4	10	7	8	10	0.7	C01-C02
Salivary gland	29	0	0	0	0	1	1	0	4	3	8	2	3	2	1	1	1	2	0.3	C07-C08
Mouth	110	0	0	0	0	0	0	0	1	1	3	2	8	12	12	19	15	37	1.2	C03-C06
Oropharynx	18	0	0	0	0	0	0	0	1	0	0	6	1	0	2	1	2	5	0.2	C09-C10
Nasopharynx	122	0	0	0	1	4	6	5	8	15	12	19	12	12	9	10	8	1	1.4	C11
Hypopharynx	23	0	0	0	0	0	0	0	0	0	0	0	2	1	4	4	5	7	0.3	C12-C13
Pharynx unspec.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	C14
Esophagus	29	0	0	0	0	0	0	0	0	1	1	1	0	2	4	9	7	4	0.3	C15
Stomach	171	0	0	0	0	0	2	7	9	13	13	16	15	13	15	35	18	15	1.9	C16
Small intestine	8	0	0	0	0	0	0	0	1	0	0	0	0	3	0	3	1	0	0.1	C17
Colon	227	0	0	0	0	0	1	10	5	15	17	26	28	22	31	24	25	23	2.5	C18
Rectum	221	0	0	0	0	1	2	3	5	9	33	26	21	13	23	39	23	23	2.5	C19-C21
Liver	427	0	3	0	0	3	0	5	12	19	30	56	53	47	55	61	44	39	4.8	C22
Gallbladder etc.	102	0	0	0	0	0	0	1	2	4	4	7	13	9	18	11	14	19	1.1	C23-C24
Pancreas	65	0	0	0	0	0	0	0	0	0	4	5	6	6	9	13	14	8	0.7	C25
Nose, sinuses etc	31	0	1	0	1	2	0	1	2	2	1	3	2	4	6	1	5	0	0.3	C30-C31
Larynx	45	0	0	0	0	0	1	1	0	0	0	2	2	5	5	9	13	7	0.5	C32
Bronchus, lung	860	0	1	1	0	2	2	3	8	17	39	74	101	105	134	180	116	77	9.6	C33-C34
Other Thoracic organs	11	0	1	0	0	0	0	1	0	3	1	3	0	0	1	0	1	0	0.1	C37-C38
Bone	29	0	2	3	3	6	1	2	2	1	1	3	2	0	1	0	2	0	0.3	C40-C41
Connective tissue	50	0	1	3	1	2	2	5	2	3	5	8	6	2	1	4	1	4	0.6	C47;C49
Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	C45
Kaposi's sarcoma	3	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.0	C46
Melanoma of skin	20	0	0	0	0	0	0	1	1	2	2	5	0	4	1	3	1	0	0.2	C43
Other skin	137	0	0	0	1	0	1	1	2	4	6	14	10	7	14	16	26	35	1.5	C44
Breast	1298	0	0	0	0	0	6	20	61	140	227	282	177	116	91	95	39	44	14.5	C50
Uterus unspec.	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0.0	C55
Cervix uteri	2308	0	0	0	0	1	6	34	110	282	457	412	294	216	160	159	106	71	25.8	C53
Placenta	26	0	0	0	0	1	6	8	5	4	1	0	0	1	0	0	0	0	0.3	C58
Corpus uteri	261	0	0	0	0	0	1	0	7	8	20	45	48	44	34	23	19	12	2.9	C54
Ovary etc.	458	0	0	1	2	12	16	14	14	47	59	81	69	39	41	33	20	10	5.1	C56
Other female genital	152	0	0	0	0	0	1	4	7	6	16	20	15	14	13	22	13	21	1.7	C51-C52;C57
Bladder	73	0	1	0	0	0	0	1	2	0	1	2	3	8	11	16	10	18	0.8	C67
Kidney etc.	54	0	7	1	0	1	1	1	2	0	3	8	5	5	6	5	3	6	0.6	C64-C66;C68
Eye	12	0	4	2	0	0	0	0	2	0	1	0	0	0	0	0	1	2	0.1	C69
Brain, nervous system	97	0	5	11	10	3	4	5	10	9	13	8	6	3	4	4	1	1	1.1	C70-C72
Thyroid	313	0	0	0	3	8	23	9	28	27	40	45	29	21	24	22	14	20	3.5	C73
Other endocrine	12	0	3	0	1	0	0	1	0	2	2	1	1	0	1	0	0	0	0.1	C74-C75
Hodgkin's disease	25	0	0	0	1	2	0	2	0	1	2	6	6	0	2	2	1	0	0.3	C81
Non-Hodgkin lymphoma	321	0	7	5	3	7	6	14	16	27	24	37	36	33	29	32	25	20	3.6	C82-C85;C96
Multiple myeloma	36	0	0	0	0	0	1	1	1	0	2	3	4	2	7	7	7	1	0.4	C88;C90
Lymphoid leukaemia	105	0	35	19	9	6	3	4	5	3	2	4	2	2	4	4	2	1	1.2	C91
Myeloid leukaemia	200	0	5	0	3	14	7	10	13	18	31	16	17	15	14	18	7	12	2.2	C92
Monocytic leukaemia	5	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0.1	C93
Other leukaemia	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0.0	C94
Leukaemia unspec.	23	0	1	0	1	1	2	3	3	1	3	1	2	1	1	1	0	2	0.3	C95
Other & unclassified	326	0	5	1	0	1	2	0	11	15	26	39	37	36	39	46	36	32	3.7	
All sites	8929	0	82	48	41	78	104	179	368	704	1113	1294	1047	833	840	942	659	597	100.0	

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