

POPULATION BASED CANCER REGISTRY, BHOPAL

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Bhopal is the capital of the state Madhya Pradesh of India. The historical city Bhopal was founded by the Parmara King Bhoj (1000-1055). The city was earlier known as Bhojpal named after the King Bhoj and the dam "pal" that he said to have constructed to form the lakes surrounding the city. In 1708 an Afghan soldier, Dost Mohammed chose this place for settlement and rebuilt it as his kingdom. In the year 1956 the state of Madhya Pradesh was created, and Bhopal was made the state capital. It is also the administrative headquarters of Bhopal District and Bhopal Division.

Situated on the Arera Hills, the city is in the centre of India at an altitude of 505 meters above the sea level. It is situated 23.07° North and 77.12° East with a total area of 284.90 Sq. km. The city has a moderate climate with temperature varying from a minimum of 5°C in month of January to a maximum of 46°C in the month of May. The average annual rainfall recorded in the city is 1200 mm.

Population Based Cancer Registry, Bhopal was established in the year 1985 in the Department of Pathology, Gandhi Medical College. The registry is under the network of National Cancer Registry Programme of the Indian Council of Medical Research.

Registration of cancer cases is done from sixty-seven sources which include government and private medical centers, dispensaries, primary health centres and diagnostic centres. In addition to these sources, information on cancer cases is also collected from Mumbai Cancer Registries and Tata Memorial Hospital. This is undertaken to collect cancer cases that are either referred directly by their family doctors or cases that go on their own for diagnosis and treatment to the established centres of Mumbai. Hamidia & Sultania Hospitals, Jawaharlal Nehru Cancer Hospital & Navoday Cancer Hospital and Kasturba Hospital are the major sources of registration.

Since its inception the registry has observed a very high proportion of tobacco related cancers. Over the years cancer of the Lung, Tongue, Mouth, Hypo pharynx & Oesophagus have been the leading sites of cancer, whereas among females cancer of the Breast, Genital system and Oesophagus were the most common types of malignancies recorded.

Cancer mortality statistics did not seem to reflect the true picture. Efforts to improve the mortality statistics using burial grounds and crematoriums data have been taken up. All deaths irrespective of the cause of death mentioned are noted and then matched with the morbidity data. The matched deaths are then updated. The unmatched cancer deaths are traced back by house visits and scrutiny of medical records. Cases with no other details, other than those available on the death certificate, are registered as "Death Certificate Only". Significant improvement has already been observed.

Staff Members

Dr. Sunil Surange	:	Research Officer
Mrs. Alka Goley	:	Social Investigator
Mrs. Sushma Shrivastava	:	Social Investigator
Ms. Shubhra Trivedi	:	Social Investigator
Mrs. Ragini Nair	:	Typist
Mr. Jaggannathan Nair	:	Messenger

TABLE: BHP - 1**Population by Five Year Age Group and Gender: 2004-2005***Number and Relative Proportion (%)***Bhopal**

Age Group	MALES		FEMALES	
	Number	%	Number	%
0-4	164442	9.33	151732	9.57
5-9	195254	11.08	179631	11.33
10-14	200901	11.40	179750	11.34
15-19	200042	11.35	168379	10.62
20-24	182288	10.34	159520	10.06
25-29	151874	8.62	151798	9.58
30-34	141284	8.02	127935	8.07
35-39	133961	7.60	122310	7.72
40-44	106080	6.02	83434	5.26
45-49	81168	4.60	67853	4.28
50-54	58565	3.32	49004	3.09
55-59	42940	2.44	42169	2.66
60-64	41106	2.33	37046	2.34
65-69	27263	1.55	26923	1.70
70-74	19344	1.10	18035	1.14
75+	16107	0.91	19818	1.25
Total	1762619	100.00	1585338	100.00

Figure : BHP - 1
Population Pyramid showing Age Distribution: 2004-2005
Bhopal

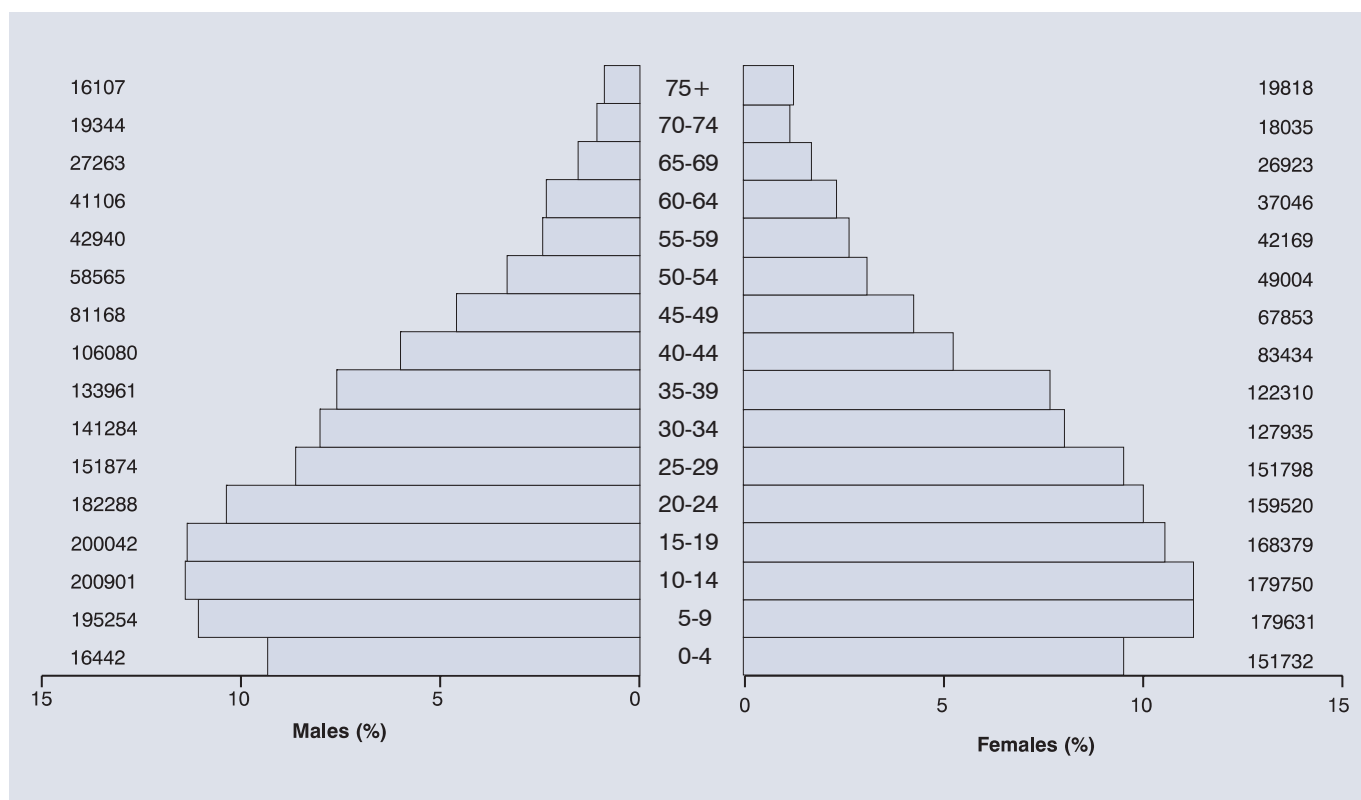


TABLE : BHP - 2
Main Sources of Registration of Incident Cases of Cancer : 2004-2005
Bhopal

Name of the Institute	Number	%
J.L.N. Cancer Hospital	951	44.15
Hamidia Hospital	629	29.20
Navoday Cancer Hospital	199	9.24
Kasturba Hospital	151	7.01
Sultania Zanana Hospital	130	6.04
D.C.O	88	4.09
Others	6	0.28
Total	2154	100.00

1. *Institutions listed have registered at least one percent of all cases in the registry for the combined years 2004-2005.*
2. *The numbers and proportion listed are the minimum number of cases. Institutions could have registered / reported more cases, since duplicate registrations and non-resident / registry cases are not included.*

**TABLE BHP-3 (a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2004-2005 – Males**

% = Relative Proportion of Cancers of All Sites.

Bhopal

ICD-10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	1	1	-	1	1	-	1	1	1	-	7	0.65
C01-02	Tongue	-	-	-	-	-	4	6	5	10	12	13	10	16	10	10	8	-	104	9.59
C03-06	Mouth	-	-	-	-	-	4	14	11	10	9	13	15	17	5	5	8	-	111	10.23
C07-8	Salivary Gland	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	0.18
C09	Tonsil	-	-	-	-	-	-	1	1	2	1	3	2	6	3	1	-	-	20	1.84
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	1	3	-	2	-	3	1	-	10	0.92
C11	Nasopharynx	-	-	2	1	-	-	-	-	-	-	-	1	1	1	1	-	-	7	0.65
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	3	2	5	3	7	10	9	3	-	42	3.87
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.09
C15	Oesophagus	-	-	-	2	-	-	-	1	2	6	10	6	11	6	4	9	-	57	5.25
C16	Stomach	-	-	-	-	-	1	1	1	2	2	1	9	4	3	3	-	-	27	2.49
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	3	0.28
C18	Colon	-	-	-	-	1	-	-	1	3	4	3	-	2	5	5	2	-	26	2.40
C19-20	Rectum	-	-	-	1	-	-	-	1	1	5	1	4	2	2	3	1	-	21	1.94
C21	Anus & Anal Canal	-	-	-	-	-	-	-	1	1	1	1	-	1	-	-	-	-	5	0.46
C22	Liver	-	-	-	-	1	2	1	2	1	1	2	5	3	5	5	1	-	29	2.67
C23-24	Gallbladder etc.	-	-	-	-	1	-	-	-	2	-	2	6	4	7	2	-	-	24	2.21
C25	Pancreas	-	-	-	-	-	-	-	2	1	2	2	-	4	-	-	2	-	13	1.20
C30-31	Nose, Sinuses etc.	-	-	1	-	-	-	-	-	1	-	1	-	1	-	1	3	-	8	0.74
C32	Larynx	-	-	-	-	-	-	-	3	3	7	5	3	8	11	5	5	-	50	4.61
C33-34	Lung etc.	-	-	-	-	-	-	3	6	7	14	6	15	19	16	18	7	-	111	10.23
C37-38	Other Thoracic Organs	-	-	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	3	0.28
C40-41	Bone	1	1	2	7	3	-	-	-	-	1	3	2	-	1	-	2	-	23	2.12
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	1	-	1	1	1	4	2	1	4	4	-	19	1.75
C45	Mesothelioma	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.09
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	1	-	1	1	-	1	-	1	1	-	-	-	1	1	1	1	-	10	0.92
C50	Breast	-	-	-	1	-	-	-	-	1	-	-	1	-	1	1	1	-	6	0.55
C60	Penis	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	2	-	5	0.46
C61	Prostate	-	-	-	-	-	-	-	-	2	1	7	7	3	7	10	9	-	46	4.24
C62	Testis	-	-	-	1	2	5	1	3	2	-	-	-	1	-	-	-	-	15	1.38
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	3	-	-	-	1	1	-	-	1	1	-	4	3	2	-	-	-	16	1.47
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	4	-	1	2	3	5	4	4	-	23	2.12
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	0.18
C70-72	Brain, Nervous System	1	1	1	1	2	1	2	1	-	1	2	3	1	1	5	1	-	24	2.21
C73	Thyroid	-	-	1	-	-	-	1	1	1	-	2	1	2	2	-	1	-	12	1.11
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	1	1	-	-	1	2	-	-	-	-	2	-	-	1	5	3	-	16	1.47
C78	Sec Resp & Digestive	-	-	-	-	-	-	1	-	2	1	3	5	4	2	-	-	-	18	1.66
C79	Sec Others	-	-	-	-	1	-	-	-	-	-	-	1	3	2	-	-	-	7	0.65
C81	Hodgkins Disease	1	-	-	-	1	-	-	-	1	1	-	-	1	1	-	-	-	6	0.55
C82-85,C96	NHL	-	3	1	2	2	1	3	3	4	6	-	3	2	6	4	2	-	42	3.87
C90	Multiple Myeloma	-	-	-	-	-	-	1	-	1	-	-	-	4	1	-	3	-	10	0.92
C91	Lymphoid Leuk.	3	4	5	-	-	-	-	-	1	-	1	-	2	1	1	-	-	18	1.66
C92-94	Myeloid Leukaemia	-	-	-	3	3	2	2	2	4	2	5	1	-	1	2	1	-	28	2.58
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	-	1	-	-	-	2	2	4	2	3	6	10	7	5	7	8	-	57	5.25
	All Sites	12	12	15	20	19	26	41	51	79	86	108	125	148	127	123	93	-	1085	100.00

**TABLE BHP-3 (b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2004-2005 – Females**

% = Relative Proportion of Cancers of All Sites.

Bhopal

ICD-10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-	-	-	4	0.37
C01-02	Tongue	-	-	-	-	-	1	2	3	3	2	1	3	5	-	-	2	-	22	2.06
C03-06	Mouth	-	-	-	-	1	-	1	4	4	5	4	8	9	4	-	1	-	41	3.84
C07-8	Salivary Gland	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	1	-	4	0.37
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	0.19
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	1	-	-	-	-	1	-	2	-	1	-	5	0.47
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	1	-	1	7	6	3	3	9	6	6	-	42	3.93
C16	Stomach	-	-	-	-	-	-	-	-	-	2	-	1	3	-	2	-	-	8	0.75
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	2	0.19
C18	Colon	-	-	-	-	-	1	2	1	-	-	3	1	3	-	2	1	-	14	1.31
C19-20	Rectum	-	-	-	-	1	1	-	2	1	2	3	1	3	1	-	3	-	18	1.68
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	-	2	-	-	1	1	2	-	7	0.65
C22	Liver	-	-	-	-	-	1	-	1	-	2	1	2	1	1	1	2	-	12	1.12
C23-24	Gallbladder etc.	-	-	-	-	-	-	1	2	4	8	10	2	8	3	5	2	-	45	4.21
C25	Pancreas	-	-	-	-	-	-	-	-	1	1	-	-	-	-	2	1	-	5	0.47
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	0.19
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	2	-	6	0.56
C33-34	Lung etc.	-	-	1	-	-	-	-	2	-	1	2	4	4	3	2	3	-	22	2.06
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.09
C40-41	Bone	1	-	-	2	-	2	2	-	-	-	-	2	-	-	-	-	-	9	0.84
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	1	-	-	-	-	-	-	2	1	3	1	-	4	-	12	1.12
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	2	-	-	2	1	1	1	1	1	-	-	1	-	2	1	-	-	13	1.22
C50	Breast	-	-	-	-	1	8	13	23	37	43	46	29	38	16	16	8	-	278	26.01
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	-	5	0.47
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	3	0.28
C53	Cervix Uteri	-	-	-	-	-	2	10	14	15	21	40	15	34	13	14	13	-	191	17.87
C54	Corpus Uteri	-	-	-	-	-	-	4	-	3	2	2	3	6	4	-	1	-	25	2.34
C55	Uterus Unspecified	-	-	-	-	-	-	-	-	1	-	1	1	1	1	-	-	-	5	0.47
C56	Ovary etc.	-	-	-	1	3	4	5	5	10	14	7	11	6	5	2	5	-	78	7.30
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	3	0.28
C64	Kidney etc.	2	-	1	-	-	-	-	-	-	-	-	-	1	-	1	1	-	6	0.56
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	1	1	-	3	-	-	1	-	6	0.56
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.19
C70-72	Brain, Nervous System	2	1	4	-	-	5	1	2	2	3	-	3	4	-	-	-	-	27	2.53
C73	Thyroid	-	-	-	-	-	-	2	1	1	4	3	1	3	2	-	1	-	18	1.68
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	2	-	1	-	-	-	-	3	-	5	1	-	-	-	12	1.12
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	-	-	2	1	-	1	2	-	-	6	0.56
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	2	0.19
C81	Hodgkins Disease	-	-	-	2	1	1	-	-	1	-	-	-	-	-	1	-	-	6	0.56
C82-85, C96	NHL	-	-	-	2	-	1	-	1	-	3	2	2	2	3	-	5	-	21	1.96
C90	Multiple Myeloma	-	-	-	-	-	-	1	-	1	1	1	-	2	1	1	-	-	8	0.75
C91	Lymphoid Leuk.	2	1	1	-	-	1	-	-	-	1	-	-	1	1	-	-	-	8	0.75
C92-94	Myeloid Leukaemia	-	1	-	2	1	1	4	-	3	1	3	1	2	4	3	-	-	26	2.43
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	-	-	-	-	1	3	-	1	2	2	4	5	4	4	4	7	-	37	3.46
	All Sites	10	4	7	15	10	34	54	63	92	129	152	106	159	88	70	76	-	1069	100.00

TABLE: BHP-4(a):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 yrs) (TR) Incidence Rate per 100,000 population: 2004-2005 - Males
Bhopal

ICD-10	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
C00	-	-	-	-	-	-	-	0.7	0.9	-	1.7	2.3	-	3.7	5.2	6.2	0.4	0.6	0.24	0.9
C01-02	-	-	-	-	-	2.6	4.2	3.7	9.4	14.8	22.2	23.3	38.9	36.7	51.7	49.7	5.9	8.9	0.90	17.0
C03-06	-	-	-	-	-	2.6	9.9	8.2	9.4	11.1	22.2	34.9	41.4	18.3	25.8	49.7	6.3	8.8	0.87	19.0
C07-8	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	0.1	0.2	0.12	-
C09	-	-	-	-	-	-	0.7	0.7	1.9	1.2	5.1	4.7	14.6	11.0	5.2	-	1.1	1.7	0.40	4.1
C10	-	-	-	-	-	-	-	-	-	1.2	5.1	-	4.9	-	15.5	6.2	0.6	1.0	0.31	1.7
C11	-	-	1.0	0.5	-	-	-	-	-	-	-	2.3	2.4	3.7	5.2	-	0.4	0.5	0.22	0.6
C12-13	-	-	-	-	-	-	-	-	2.8	2.5	8.5	7.0	17.0	36.7	46.5	18.6	2.4	4.1	0.64	5.5
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	-	0.1	0.1	0.11	-
C15	-	-	-	1.0	-	-	-	0.7	1.9	7.4	17.1	14.0	26.8	22.0	20.7	55.9	3.2	5.4	0.73	10.0
C16	-	-	-	-	-	0.7	0.7	0.7	1.9	2.5	1.7	21.0	9.7	11.0	15.5	-	1.5	2.4	0.46	5.2
C17	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	10.3	-	0.2	0.3	0.17	0.3
C18	-	-	-	-	0.5	-	-	0.7	2.8	4.9	5.1	-	4.9	18.3	25.8	12.4	1.5	2.3	0.47	3.1
C19-20	-	-	-	0.5	-	-	-	0.7	0.9	6.2	1.7	9.3	4.9	7.3	15.5	6.2	1.2	1.8	0.41	3.6
C21	-	-	-	-	-	-	-	0.7	0.9	1.2	1.7	-	2.4	-	-	-	0.3	0.4	0.17	1.2
C22	-	-	-	-	0.5	1.3	0.7	1.5	0.9	1.2	3.4	11.6	7.3	18.3	25.8	6.2	1.6	2.5	0.49	3.7
C23-24	-	-	-	-	0.5	-	-	-	1.9	-	3.4	14.0	9.7	25.7	10.3	-	1.4	2.3	0.47	4.0
C25	-	-	-	-	-	-	-	1.5	0.9	2.5	3.4	-	9.7	-	-	12.4	0.7	1.1	0.32	2.8
C30-31	-	-	0.5	-	-	-	-	-	0.9	-	1.7	-	2.4	-	5.2	18.6	0.5	0.8	0.28	0.8
C32	-	-	-	-	-	-	-	2.2	2.8	8.6	8.5	7.0	19.5	40.3	25.8	31.0	2.8	4.7	0.68	7.4
C33-34	-	-	-	-	-	-	2.1	4.5	6.6	17.2	10.2	34.9	46.2	58.7	93.1	43.5	6.3	10.1	0.98	17.6
C37-38	-	-	0.5	-	-	-	-	-	-	1.2	1.7	-	-	-	-	-	0.2	0.2	0.12	0.5
C40-41	0.6	0.5	1.0	3.5	1.6	-	-	-	-	1.2	5.1	4.7	-	3.7	-	12.4	1.3	1.5	0.35	1.7
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	0.7	-	0.9	1.2	1.7	9.3	4.9	3.7	20.7	24.8	1.1	1.8	0.43	2.5
C45	-	-	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	0.1	0.1	0.06	0.2
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.6	-	0.5	0.5	-	0.7	-	0.7	0.9	-	-	-	2.4	3.7	5.2	6.2	0.6	0.8	0.25	0.6
C50	-	-	-	0.5	-	-	-	-	0.9	-	-	2.3	-	3.7	5.2	6.2	0.3	0.5	0.23	0.5
C60	-	-	-	-	-	-	0.7	-	-	-	1.7	2.3	-	-	-	12.4	0.3	0.5	0.22	0.6
C61	-	-	-	-	-	-	-	-	1.9	1.2	12.0	16.3	7.3	25.7	51.7	55.9	2.6	4.7	0.69	5.6
C62	-	-	-	0.5	1.1	3.3	0.7	2.2	1.9	-	-	-	2.4	-	-	-	0.9	0.8	0.21	1.1
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	1.8	-	-	-	0.5	0.7	-	-	0.9	1.2	-	9.3	7.3	7.3	-	-	0.9	1.3	0.34	2.6
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	3.8	-	1.7	4.7	7.3	18.3	20.7	24.8	1.3	2.3	0.48	2.5
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	0.6	-	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-	0.1	0.2	0.12	0.3
C70-72	0.6	0.5	0.5	0.5	1.1	0.7	1.4	0.7	-	1.2	3.4	7.0	2.4	3.7	25.8	6.2	1.4	1.9	0.40	2.1
C73	-	-	0.5	-	-	-	0.7	0.7	0.9	-	3.4	2.3	4.9	7.3	-	6.2	0.7	1.0	0.30	1.8
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	0.6	0.5	-	-	0.5	1.3	-	-	-	-	3.4	-	-	3.7	25.8	18.6	0.9	1.4	0.38	0.6
C78	-	-	-	-	-	-	0.7	-	1.9	1.2	5.1	11.6	9.7	7.3	-	-	1.0	1.6	0.38	4.2
C79	-	-	-	-	0.5	-	-	-	-	-	-	2.3	7.3	7.3	-	-	0.4	0.6	0.25	1.2
C81	0.6	-	-	-	0.5	-	-	-	0.9	1.2	-	-	2.4	3.7	-	-	0.3	0.5	0.19	0.7
C82-85,C96-	1.5	0.5	1.0	1.1	0.7	2.1	2.2	3.8	7.4	-	7.0	4.9	22.0	20.7	12.4	2.4	3.2	0.52	4.1	
C90	-	-	-	-	-	-	0.7	-	0.9	-	-	-	9.7	3.7	-	18.6	0.6	1.0	0.32	1.4
C91	1.8	2.0	2.5	-	-	-	-	-	0.9	-	1.7	-	4.9	3.7	5.2	-	1.0	1.2	0.30	1.1
C92-94	-	-	-	1.5	1.6	1.3	1.4	1.5	3.8	2.5	8.5	2.3	-	3.7	10.3	6.2	1.6	1.9	0.38	3.2
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	-	0.5	-	-	-	1.3	1.4	3.0	1.9	3.7	10.2	23.3	17.0	18.3	36.2	49.7	3.2	5.1	0.71	8.5
All	7.3	6.1	7.5	10.0	10.4	17.1	29.0	38.1	74.5	106.0	184.4	291.1	360.0	465.8	635.9	577.4	61.6	93.6	2.95	156.1

TABLE: BHP-4(b):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 yrs) (TR) Incidence Rate per 100,000 population: 2004-2005 - Females
Bhopal

ICD-10	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
C00	-	-	-	-	-	-	-	-	-	1.5	4.1	-	-	3.7	-	-	0.3	0.4	0.20	0.9
C01-02	-	-	-	-	-	0.7	1.6	2.5	3.6	2.9	2.0	7.1	13.5	-	-	10.1	1.4	1.8	0.40	4.7
C03-06	-	-	-	-	0.6	-	0.8	3.3	4.8	7.4	8.2	19.0	24.3	14.9	-	5.0	2.6	3.7	0.59	9.9
C07-8	-	-	-	0.6	-	-	0.8	-	-	-	-	-	2.7	-	-	5.0	0.3	0.3	0.16	0.3
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	5.0	0.1	0.2	0.15	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	0.8	-	-	-	-	2.4	-	7.4	-	5.0	0.3	0.5	0.21	0.3
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	0.8	-	1.2	10.3	12.2	7.1	8.1	33.4	33.3	30.3	2.6	4.2	0.66	6.2
C16	-	-	-	-	-	-	-	-	-	2.9	-	2.4	8.1	-	11.1	-	0.5	0.8	0.29	1.9
C17	-	-	-	-	-	-	-	-	-	-	-	2.4	2.7	-	-	-	0.1	0.2	0.14	0.7
C18	-	-	-	-	-	0.7	1.6	0.8	-	-	6.1	2.4	8.1	-	11.1	5.0	0.9	1.2	0.35	2.5
C19-20	-	-	-	-	0.6	0.7	-	1.6	1.2	2.9	6.1	2.4	8.1	3.7	-	15.1	1.1	1.6	0.39	3.5
C21	-	-	-	-	-	-	-	-	1.2	-	4.1	-	-	3.7	5.5	10.1	0.4	0.7	0.27	0.9
C22	-	-	-	-	-	0.7	-	0.8	-	2.9	2.0	4.7	2.7	3.7	5.5	10.1	0.8	1.1	0.33	2.0
C23-24	-	-	-	-	-	-	0.8	1.6	4.8	11.8	20.4	4.7	21.6	11.1	27.7	10.1	2.8	4.3	0.65	10.2
C25	-	-	-	-	-	-	-	-	1.2	1.5	-	-	-	-	11.1	5.0	0.3	0.5	0.22	0.5
C30-31	-	-	-	-	-	-	-	-	-	1.5	2.0	-	-	-	-	-	0.1	0.2	0.14	0.6
C32	-	-	-	-	-	-	-	-	-	-	-	4.7	-	-	11.1	10.1	0.4	0.6	0.25	0.6
C33-34	-	-	0.6	-	-	-	-	1.6	-	1.5	4.1	9.5	10.8	11.1	11.1	15.1	1.4	2.1	0.46	3.9
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	0.1	0.1	0.11	0.3
C40-41	0.7	-	-	1.2	-	1.3	1.6	-	-	-	-	4.7	-	-	-	-	0.6	0.6	0.20	0.6
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	0.6	-	-	-	-	-	-	4.1	2.4	8.1	3.7	-	20.2	0.8	1.2	0.35	2.0
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	1.3	-	-	1.2	0.6	0.7	0.8	0.8	1.2	-	-	2.4	-	7.4	5.5	-	0.8	1.0	0.28	0.7
C50	-	-	-	-	0.6	5.3	10.2	18.8	44.3	63.4	93.9	68.8	102.6	59.4	88.7	40.4	17.5	24.6	1.51	61.7
C51	-	-	-	-	-	-	-	-	-	-	-	2.4	2.7	3.7	5.5	5.0	0.3	0.5	0.24	0.7
C52	-	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-	5.0	0.2	0.3	0.19	-
C53	-	-	-	-	-	1.3	7.8	11.4	18.0	30.9	81.6	35.6	91.8	48.3	77.6	65.6	12.0	17.7	1.31	41.3
C54	-	-	-	-	-	-	3.1	-	3.6	2.9	4.1	7.1	16.2	14.9	-	5.0	1.6	2.3	0.47	4.9
C55	-	-	-	-	-	-	-	-	1.2	-	2.0	2.4	2.7	3.7	-	-	0.3	0.5	0.22	1.2
C56	-	-	-	0.6	1.9	2.6	3.9	4.1	12.0	20.6	14.3	26.1	16.2	18.6	11.1	25.2	4.9	6.5	0.76	14.9
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	1.6	-	-	1.5	-	-	-	-	-	-	0.2	0.2	0.11	0.3
C64	1.3	-	0.6	-	-	-	-	-	-	-	-	-	2.7	-	5.5	5.0	0.4	0.5	0.22	0.3
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	1.5	2.0	-	8.1	-	-	5.0	0.4	0.6	0.25	1.7
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	0.7	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.10	-
C70-72	1.3	0.6	2.2	-	-	3.3	0.8	1.6	2.4	4.4	-	7.1	10.8	-	-	-	1.7	1.9	0.39	3.9
C73	-	-	-	-	-	-	1.6	0.8	1.2	5.9	6.1	2.4	8.1	7.4	-	5.0	1.1	1.6	0.39	3.9
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	1.2	-	0.7	-	-	-	-	6.1	-	13.5	3.7	-	-	0.8	1.1	0.33	2.7
C78	-	-	-	-	-	-	-	-	-	-	4.1	2.4	-	3.7	11.1	-	0.4	0.6	0.26	1.0
C79	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	5.5	-	0.1	0.2	0.15	0.3
C81	-	-	-	1.2	0.6	0.7	-	-	1.2	-	-	-	-	-	5.5	-	0.4	0.4	0.17	0.2
C82-85,C96-	-	-	1.2	-	0.7	-	0.8	-	4.4	4.1	4.7	5.4	11.1	-	25.2	1.3	1.9	0.43	3.0	
C90	-	-	-	-	-	-	0.8	-	1.2	1.5	2.0	-	5.4	3.7	5.5	-	0.5	0.7	0.27	1.5
C91	1.3	0.6	0.6	-	-	0.7	-	-	-	1.5	-	-	2.7	3.7	-	-	0.5	0.6	0.23	0.6
C92-94	-	0.6	-	1.2	0.6	0.7	3.1	-	3.6	1.5	6.1	2.4	5.4	14.9	16.6	-	1.6	2.2	0.44	3.0
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	-	-	-	-	0.6	2.0	-	0.8	2.4	2.9	8.2	11.9	10.8	14.9	22.2	35.3	2.3	3.5	0.59	5.4
All	6.6	2.2	3.9	8.9	6.3	22.4	42.2	51.5	110.3	190.1	310.2	251.4	429.2	326.9	388.1	383.5	67.4	96.1	3.02	206.0

TABLE: BHP-5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis: 2004-2005 - Males
Bhopal

ICD-10	Site	Microscopic		X-Ray/imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	6	85.7	-	-	1	14.3	-	-	-	-	7	100.0
C01-02	Tongue	100	96.2	-	-	4	3.8	-	-	-	-	104	100.0
C03-06	Mouth	105	94.6	-	-	6	5.4	-	-	-	-	111	100.0
C07-8	Salivary Gland	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C09	Tonsil	19	95.0	-	-	1	5.0	-	-	-	-	20	100.0
C10	Oth. Oropharynx	9	90.0	-	-	1	10.0	-	-	-	-	10	100.0
C11	Nasopharynx	6	85.7	-	-	1	14.3	-	-	-	-	7	100.0
C12-13	Hypopharynx	41	97.6	-	-	1	2.4	-	-	-	-	42	100.0
C14	Pharynx Unspecified	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C15	Oesophagus	53	93.0	2	3.5	1	1.8	1	1.8	-	-	57	100.0
C16	Stomach	24	88.9	-	-	-	-	3	11.1	-	-	27	100.0
C17	Small Intestine	1	33.3	-	-	2	66.7	-	-	-	-	3	100.0
C18	Colon	24	92.3	1	3.8	-	-	1	3.8	-	-	26	100.0
C19-20	Rectum	21	100.0	-	-	-	-	-	-	-	-	21	100.0
C21	Anus & Anal Canal	5	100.0	-	-	-	-	-	-	-	-	5	100.0
C22	Liver	23	79.3	5	17.2	-	-	1	3.4	-	-	29	100.0
C23-24	Gallbladder etc.	16	66.7	5	20.8	-	-	3	12.5	-	-	24	100.0
C25	Pancreas	10	76.9	3	23.1	-	-	-	-	-	-	13	100.0
C30-31	Nose, Sinuses etc.	7	87.5	-	-	1	12.5	-	-	-	-	8	100.0
C32	Larynx	48	96.0	1	2.0	1	2.0	-	-	-	-	50	100.0
C33-34	Lung etc.	91	82.0	19	17.1	1	0.9	-	-	-	-	111	100.0
C37-38	Other Thoracic Organs	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C40-41	Bone	21	91.3	1	4.3	1	4.3	-	-	-	-	23	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	19	100.0	-	-	-	-	-	-	-	-	19	100.0
C45	Mesothelioma	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	10	100.0	-	-	-	-	-	-	-	-	10	100.0
C50	Breast	6	100.0	-	-	-	-	-	-	-	-	6	100.0
C60	Penis	5	100.0	-	-	-	-	-	-	-	-	5	100.0
C61	Prostate	39	84.8	-	-	4	8.7	3	6.5	-	-	46	100.0
C62	Testis	14	93.3	-	-	1	6.7	-	-	-	-	15	100.0
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	15	93.8	1	6.3	-	-	-	-	-	-	16	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	20	87.0	1	4.3	2	8.7	-	-	-	-	23	100.0
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C70-72	Brain, Nervous System	20	83.3	4	16.7	-	-	-	-	-	-	24	100.0
C73	Thyroid	12	100.0	-	-	-	-	-	-	-	-	12	100.0
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	15	93.8	-	-	1	6.3	-	-	-	-	16	100.0
C78	Sec Resp & Digestive	13	72.2	5	27.8	-	-	-	-	-	-	18	100.0
C79	Sec Others	3	42.9	4	57.1	-	-	-	-	-	-	7	100.0
C81	Hodgkins Disease	6	100.0	-	-	-	-	-	-	-	-	6	100.0
C82-85,C96	NHL	42	100.0	-	-	-	-	-	-	-	-	42	100.0
C90	Multiple Myeloma	10	100.0	-	-	-	-	-	-	-	-	10	100.0
C91	Lymphoid Leuk.	18	100.0	-	-	-	-	-	-	-	-	18	100.0
C92-94	Myeloid Leukaemia	28	100.0	-	-	-	-	-	-	-	-	28	100.0
C95	Leukaemia	Uns	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	3	5.3	-	-	1	1.8	-	-	53	93.0	57	100.0
	All Sites	937	86.4	52	4.8	31	2.9	12	1.1	53	4.9	1,085	100.0

TABLE: BHP-5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis : 2004-2005 - Females
Bhopal

ICD-10	Site	Microscopic		X-Ray/imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	4	100.0	-	-	-	-	-	-	-	-	4	100.0
C01-02	Tongue	21	95.5	-	-	1	4.5	-	-	-	-	22	100.0
C03-06	Mouth	39	95.1	-	-	2	4.9	-	-	-	-	41	100.0
C07-8	Salivary Gland	3	75.0	-	-	1	25.0	-	-	-	-	4	100.0
C09	Tonsil	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	5	100.0	-	-	-	-	-	-	-	-	5	100.0
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	40	95.2	1	2.4	1	2.4	-	-	-	-	42	100.0
C16	Stomach	8	100.0	-	-	-	-	-	-	-	-	8	100.0
C17	Small Intestine	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C18	Colon	13	92.9	-	-	1	7.1	-	-	-	-	14	100.0
C19-20	Rectum	17	94.4	-	-	-	-	1	5.6	-	-	18	100.0
C21	Anus & Anal Canal	7	100.0	-	-	-	-	-	-	-	-	7	100.0
C22	Liver	11	91.7	-	-	1	8.3	-	-	-	-	12	100.0
C23-24	Gallbladder etc.	40	88.9	4	8.9	-	-	1	2.2	-	-	45	100.0
C25	Pancreas	2	40.0	3	60.0	-	-	-	-	-	-	5	100.0
C30-31	Nose, Sinuses etc.	1	50.0	-	-	1	50.0	-	-	-	-	2	100.0
C32	Larynx	5	83.3	-	-	1	16.7	-	-	-	-	6	100.0
C33-34	Lung etc.	16	72.7	4	18.2	1	4.5	1	4.5	-	-	22	100.0
C37-38	Other Thoracic Organs	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C40-41	Bone	9	100.0	-	-	-	-	-	-	-	-	9	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	12	100.0	-	-	-	-	-	-	-	-	12	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	13	100.0	-	-	-	-	-	-	-	-	13	100.0
C50	Breast	277	99.6	-	-	1	0.4	-	-	-	-	278	100.0
C51	Vulva	4	80.0	-	-	1	20.0	-	-	-	-	5	100.0
C52	Vagina	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C53	Cervix Uteri	180	94.2	-	-	11	5.8	-	-	-	-	191	100.0
C54	Corpus Uteri	25	100.0	-	-	-	-	-	-	-	-	25	100.0
C55	Uterus Unspecified	5	100.0	-	-	-	-	-	-	-	-	5	100.0
C56	Ovary etc.	71	91.0	4	5.1	2	2.6	1	1.3	-	-	78	100.0
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C64	Kidney etc.	6	100.0	-	-	-	-	-	-	-	-	6	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	5	83.3	-	-	1	16.7	-	-	-	-	6	100.0
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C70-72	Brain, Nervous System	21	77.8	6	22.2	-	-	-	-	-	-	27	100.0
C73	Thyroid	17	94.4	-	-	1	5.6	-	-	-	-	18	100.0
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	11	91.7	-	-	1	8.3	-	-	-	-	12	100.0
C78	Sec Resp & Digestive	2	33.3	2	33.3	2	33.3	-	-	-	-	6	100.0
C79	Sec Others	1	50.0	1	50.0	-	-	-	-	-	-	2	100.0
C81	Hodgkins Disease	6	100.0	-	-	-	-	-	-	-	-	6	100.0
C82-85,C96	NHL	21	100.0	-	-	-	-	-	-	-	-	21	100.0
C90	Multiple Myeloma	8	100.0	-	-	-	-	-	-	-	-	8	100.0
C91	Lymphoid Leuk.	8	100.0	-	-	-	-	-	-	-	-	8	100.0
C92-94	Myeloid Leukaemia	26	100.0	-	-	-	-	-	-	-	-	26	100.0
C95	Leukaemia	Uns	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	1	2.7	-	-	1	2.7	-	-	35	94.6	37	100.0
	All Sites	974	91.1	25	2.3	31	2.9	4	0.4	35	3.3	1,069	100.0

TABLE: BHP-6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis, 2004-2005 - Males : Bhopal

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	5	71.4	-	-	1	14.3	-	-	-	-	1	14.3	7	100.0
C01-02	Tongue	88	84.6	3	2.9	9	8.7	-	-	-	-	4	3.8	104	100.0
C03-06	Mouth	99	89.2	-	-	6	5.4	-	-	-	-	6	5.4	111	100.0
C07-8	Salivary Gland	1	50.0	1	50.0	-	-	-	-	-	-	-	-	2	100.0
C09	Tonsil	16	80.0	3	15.0	-	-	-	-	-	-	1	5.0	20	100.0
C10	Oth. Oropharynx	7	70.0	1	10.0	1	10.0	-	-	-	-	1	10.0	10	100.0
C11	Nasopharynx	5	71.4	-	-	1	14.3	-	-	-	-	1	14.3	7	100.0
C12-13	Hypopharynx	33	78.6	4	9.5	4	9.5	-	-	-	-	1	2.4	42	100.0
C14	Pharynx Unspecified	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C15	Oesophagus	52	91.2	-	-	1	1.8	-	-	-	-	4	7.0	57	100.0
C16	Stomach	22	81.5	1	3.7	1	3.7	-	-	-	-	3	11.1	27	100.0
C17	Small Intestine	1	33.3	-	-	-	-	-	-	-	-	2	66.7	3	100.0
C18	Colon	21	80.8	3	11.5	-	-	-	-	-	-	2	7.7	26	100.0
C19-20	Rectum	21	100.0	-	-	-	-	-	-	-	-	-	-	21	100.0
C21	Anus & Anal Canal	4	80.0	-	-	-	-	1	20.0	-	-	-	-	5	100.0
C22	Liver	16	55.2	-	-	7	24.1	-	-	-	-	6	20.7	29	100.0
C23-24	Gallbladder etc.	14	58.3	-	-	2	8.3	-	-	-	-	8	33.3	24	100.0
C25	Pancreas	6	46.2	2	15.4	2	15.4	-	-	-	-	3	23.1	13	100.0
C30-31	Nose, Sinuses etc.	7	87.5	-	-	-	-	-	-	-	-	1	12.5	8	100.0
C32	Larynx	36	72.0	5	10.0	7	14.0	-	-	-	-	2	4.0	50	100.0
C33-34	Lung etc.	54	48.6	3	2.7	34	30.6	-	-	-	-	20	18.0	111	100.0
C37-38	Other Thoracic Organs	1	33.3	-	-	2	66.7	-	-	-	-	-	-	3	100.0
C40-41	Bone	18	78.3	-	-	3	13.0	-	-	-	-	2	8.7	23	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	18	94.7	-	-	1	5.3	-	-	-	-	-	-	19	100.0
C45	Mesothelioma	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	10	100.0	-	-	-	-	-	-	-	-	-	-	10	100.0
C50	Breast	4	66.7	-	-	2	33.3	-	-	-	-	-	-	6	100.0
C60	Penis	5	100.0	-	-	-	-	-	-	-	-	-	-	5	100.0
C61	Prostate	39	84.8	-	-	-	-	-	-	-	-	7	15.2	46	100.0
C62	Testis	14	93.3	-	-	-	-	-	-	-	-	1	6.7	15	100.0
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	14	87.5	-	-	1	6.3	-	-	-	-	1	6.3	16	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	20	87.0	-	-	-	-	-	-	-	-	3	13.0	23	100.0
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C70-72	Brain, Nervous System	20	83.3	-	-	-	-	-	-	-	-	4	16.7	24	100.0
C73	Thyroid	6	50.0	-	-	6	50.0	-	-	-	-	-	-	12	100.0
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	1	6.3	2	12.5	10	62.5	-	-	2	12.5	1	6.3	16	100.0
C78	Sec Resp & Digestive	-	-	7	38.9	6	33.3	-	-	-	-	5	27.8	18	100.0
C79	Sec Others	-	-	3	42.9	-	-	-	-	-	-	4	57.1	7	100.0
C81	Hodgkins Disease	5	83.3	-	-	1	16.7	-	-	-	-	-	-	6	100.0
C82-85,C96	NHL	35	83.3	-	-	4	9.5	1	2.4	2	4.8	-	-	42	100.0
C90	Multiple Myeloma	-	-	-	-	-	-	1	10.0	9	90.0	-	-	10	100.0
C91	Lymphoid Leuk.	-	-	-	-	-	-	10	55.6	8	44.4	-	-	18	100.0
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	22	78.6	6	21.4	-	-	28	100.0
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	2	3.5	1	1.8	-	-	-	-	-	-	54	94.7	57	100.0
	All Sites	724	66.7	39	3.6	112	10.3	35	3.2	27	2.5	148	13.6	1,085	100.0

TABLE: BHP-6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2004-2005 - Females : Bhopal

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	4	100.0	-	-	-	-	-	-	-	-	-	-	4	100.0
C01-02	Tongue	17	77.3	1	4.5	3	13.6	-	-	-	-	1	4.5	22	100.0
C03-06	Mouth	36	87.8	1	2.4	2	4.9	-	-	-	-	2	4.9	41	100.0
C07-8	Salivary Gland	2	50.0	-	-	1	25.0	-	-	-	-	1	25.0	4	100.0
C09	Tonsil	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	4	80.0	-	-	1	20.0	-	-	-	-	-	-	5	100.0
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	38	90.5	-	-	2	4.8	-	-	-	-	2	4.8	42	100.0
C16	Stomach	6	75.0	-	-	2	25.0	-	-	-	-	-	-	8	100.0
C17	Small Intestine	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C18	Colon	12	85.7	1	7.1	-	-	-	-	-	-	1	7.1	14	100.0
C19-20	Rectum	17	94.4	-	-	-	-	-	-	-	-	1	5.6	18	100.0
C21	Anus & Anal Canal	7	100.0	-	-	-	-	-	-	-	-	-	-	7	100.0
C22	Liver	9	75.0	-	-	2	16.7	-	-	-	-	1	8.3	12	100.0
C23-24	Gallbladder etc.	29	64.4	2	4.4	9	20.0	-	-	-	-	5	11.1	45	100.0
C25	Pancreas	2	40.0	-	-	-	-	-	-	-	-	3	60.0	5	100.0
C30-31	Nose, Sinuses etc.	1	50.0	-	-	-	-	-	-	-	-	1	50.0	2	100.0
C32	Larynx	3	50.0	-	-	2	33.3	-	-	-	-	1	16.7	6	100.0
C33-34	Lung etc.	10	45.5	-	-	6	27.3	-	-	-	-	6	27.3	22	100.0
C37-38	Other Thoracic Organs	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C40-41	Bone	9	100.0	-	-	-	-	-	-	-	-	-	-	9	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	12	100.0	-	-	-	-	-	-	-	-	-	-	12	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	11	84.6	-	-	2	15.4	-	-	-	-	-	-	13	100.0
C50	Breast	243	87.4	-	-	34	12.2	-	-	-	-	1	0.4	278	100.0
C51	Vulva	4	80.0	-	-	-	-	-	-	-	-	1	20.0	5	100.0
C52	Vagina	3	100.0	-	-	-	-	-	-	-	-	-	-	3	100.0
C53	Cervix Uteri	174	91.1	-	-	6	3.1	-	-	-	-	11	5.8	191	100.0
C54	Corpus Uteri	25	100.0	-	-	-	-	-	-	-	-	-	-	25	100.0
C55	Uterus Unspecified	5	100.0	-	-	-	-	-	-	-	-	-	-	5	100.0
C56	Ovary etc.	60	76.9	4	5.1	7	9.0	-	-	-	-	7	9.0	78	100.0
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	3	100.0	-	-	-	-	-	-	-	-	-	-	3	100.0
C64	Kidney etc.	5	83.3	-	-	1	16.7	-	-	-	-	-	-	6	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	4	66.7	-	-	1	16.7	-	-	-	-	1	16.7	6	100.0
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C70-72	Brain, Nervous System	21	77.8	-	-	-	-	-	-	-	-	6	22.2	27	100.0
C73	Thyroid	9	50.0	-	-	8	44.4	-	-	-	-	1	5.6	18	100.0
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	1	8.3	4	33.3	5	41.7	-	-	1	8.3	1	8.3	12	100.0
C78	Sec Resp & Digestive	-	-	-	-	2	33.3	-	-	-	-	4	66.7	6	100.0
C79	Sec Others	-	-	1	50.0	-	-	-	-	-	-	1	50.0	2	100.0
C81	Hodgkins Disease	6	100.0	-	-	-	-	-	-	-	-	-	-	6	100.0
C82-85,C96	NHL	21	100.0	-	-	-	-	-	-	-	-	-	-	21	100.0
C90	Multiple Myeloma	2	25.0	-	-	1	12.5	1	12.5	4	50.0	-	-	8	100.0
C91	Lymphoid Leuk.	-	-	-	-	-	-	6	75.0	2	25.0	-	-	8	100.0
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	15	57.7	11	42.3	-	-	26	100.0
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	1	2.7	-	-	-	-	-	-	-	-	36	97.3	37	100.0
	All Sites	823	77.0	14	1.3	97	9.1	22	2.1	18	1.7	95	8.9	1,069	100.0

**TABLE BHP-7 (a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2004-2005 – Males**

%= Relative Proportion of Cancers of All Sites.

Bhopal

ICD-10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	2	2	-	1	4	2	2	-	-	1	-	14	3.51
C03-06	Mouth	-	-	-	-	-	1	4	5	-	-	5	4	6	3	2	1	-	31	7.77
C07-8	Salivary Gland	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	0.25
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	3	0.75
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	3	0.75
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	2	0.50
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	2	-	5	1	3	4	4	1	-	20	5.01
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	3	1	-	-	-	-	2	7	4	4	1	3	7	-	32	8.02
C16	Stomach	-	-	-	-	-	1	-	-	1	2	-	4	2	1	2	-	-	13	3.26
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	0.50
C18	Colon	-	-	-	-	-	-	-	1	2	1	-	-	-	2	1	2	-	9	2.26
C19-20	Rectum	-	-	-	-	-	1	1	3	-	1	-	1	2	1	-	2	-	12	3.01
C21	Anus & Anal Canal	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	0.25
C22	Liver	-	-	-	-	-	-	-	2	1	-	1	2	1	2	1	-	-	10	2.51
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	1	-	2	3	1	-	-	-	-	7	1.75
C25	Pancreas	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	3	0.75
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	2	0.50
C32	Larynx	-	-	-	-	-	-	-	1	2	2	1	3	3	5	1	-	-	18	4.51
C33-34	Lung etc.	-	-	-	-	-	-	1	4	6	8	5	6	8	6	8	2	-	54	13.53
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.25
C40-41	Bone	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.50
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2	0.50
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.25
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	Penis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C61	Prostate	-	-	-	-	-	-	-	-	-	-	3	4	-	3	1	2	-	13	3.26
C62	Testis	-	-	-	-	-	1	1	2	1	-	-	-	-	-	-	-	-	5	1.25
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	-	-	-	-	1	-	-	-	1	-	2	2	1	-	-	-	7	1.75
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	-	4	1.00
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, Nervous System	-	-	-	-	-	-	1	-	-	-	1	-	1	1	-	-	-	4	1.00
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.25
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	1	-	-	-	1	2	2	-	-	2	5	-	-	13	3.26
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	1	-	2	4	1	3	-	-	-	11	2.76
C79	Sec Others	-	-	-	-	1	-	-	-	-	-	1	1	2	1	-	-	-	6	1.50
C81	Hodgkins Disease	-	-	-	1	-	-	-	-	-	1	-	-	-	1	-	-	-	3	0.75
C82-85, C96	NHL	-	-	-	1	-	-	-	1	1	-	1	1	-	1	2	-	-	8	2.01
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	3	0.75
C91	Lymphoid Leuk.	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.25
C92-94	Myeloid Leukaemia	-	-	-	-	1	-	-	-	2	1	1	-	-	-	-	1	-	6	1.50
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	1	-	-	-	-	2	2	4	2	4	7	12	9	9	8	11	-	71	17.79
	All Sites	1	-	1	7	4	7	13	26	26	30	53	55	53	50	40	33	-	399	100.00

**TABLE BHP-7 (b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2004-2005 – Females**

%= Relative Proportion of Cancers of All Sites.

Bhopal

ICD-10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	0.76
C03-06	Mouth	-	-	-	-	-	1	-	-	-	-	-	-	2	2	-	2	-	7	2.66
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	0.76
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.38
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	-	-	5	3	-	-	2	-	-	-	10	3.80
C16	Stomach	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	3	1.14
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	3	1.14
C19-20	Rectum	-	-	-	-	-	-	-	1	2	-	-	-	-	1	-	-	-	4	1.52
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	0.76
C22	Liver	-	-	-	-	-	-	-	1	-	1	-	1	-	-	1	-	-	4	1.52
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	1	2	3	5	-	5	2	1	-	-	19	7.22
C25	Pancreas	-	-	-	-	-	-	-	-	-	1	-	2	-	-	2	-	-	5	1.90
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.38
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	3	1.14
C33-34	Lung etc.	-	-	-	-	-	-	-	-	-	1	-	1	2	2	1	1	-	8	3.04
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	2	0.76
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	3	1.14
C50	Breast	-	-	-	-	1	2	5	6	11	7	7	2	4	1	3	2	-	51	19.39
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	3	1.14
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix Uteri	-	-	-	-	-	-	-	2	2	2	3	2	-	2	3	1	-	17	6.46
C54	Corpus Uteri	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.76
C55	Uterus Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.38
C56	Ovary etc.	-	-	-	-	-	1	2	1	2	6	1	5	1	2	-	3	-	24	9.13
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	0.76
C64	Kidney etc.	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	0.76
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	0.76
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.38
C70-72	Brain, Nervous System	3	1	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	7	2.66
C73	Thyroid	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	-	3	1.14
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	-	1	-	-	-	1	-	-	4	-	-	-	-	6	2.28
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	1	-	-	1	1	-	2	-	-	5	1.90
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkins Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	NHL	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	2	-	5	1.90
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.38
C91	Lymphoid Leuk.	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	3	1.14
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	1	1	2	1	1	-	1	1	-	-	-	8	3.04
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	-	-	-	-	1	3	-	-	3	3	4	4	6	4	6	7	-	41	15.59
	All Sites	6	1	-	1	3	11	9	14	27	35	29	22	33	27	23	22	-	263	100.00

TABLE: BHP-8(a):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 Yrs) (TR) Mortality Rate per 100,000 population: 2004-2005 - Males
Bhopal

ICD-10	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	1.4	1.5	-	1.2	6.8	4.7	4.9	-	-	6.2	0.8	1.1	0.31	2.9
C03-06	-	-	-	-	-	0.7	2.8	3.7	-	-	8.5	9.3	14.6	11.0	10.3	6.2	1.8	2.5	0.47	5.2
C07-8	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-	-	0.1	0.0	0.04	-
C09	-	-	-	-	-	-	-	-	-	-	3.4	-	-	-	5.2	-	0.2	0.3	0.16	0.6
C10	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	5.2	6.2	0.2	0.3	0.18	0.3
C11	-	-	-	-	-	-	-	-	-	1.2	-	-	2.4	-	-	-	0.1	0.2	0.12	0.6
C12-13	-	-	-	-	-	-	-	-	1.9	-	8.5	2.3	7.3	14.7	20.7	6.2	1.1	1.9	0.43	3.0
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	1.5	0.5	-	-	-	-	2.5	12.0	9.3	9.7	3.7	15.5	43.5	1.8	3.0	0.54	4.9
C16	-	-	-	-	-	0.7	-	-	0.9	2.5	-	9.3	4.9	3.7	10.3	-	0.7	1.1	0.32	2.5
C17	-	-	-	-	-	-	-	-	-	-	1.7	-	2.4	-	-	-	0.1	0.2	0.13	0.6
C18	-	-	-	-	-	-	-	0.7	1.9	1.2	-	-	-	7.3	5.2	12.4	0.5	0.8	0.28	0.7
C19-20	-	-	-	-	-	0.7	0.7	2.2	-	1.2	-	2.3	4.9	3.7	-	12.4	0.7	0.9	0.29	1.6
C21	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-	0.1	0.0	0.04	0.1
C22	-	-	-	-	-	-	-	1.5	0.9	-	1.7	4.7	2.4	7.3	5.2	-	0.6	0.8	0.28	1.7
C23-24	-	-	-	-	-	-	-	-	0.9	-	3.4	7.0	2.4	-	-	-	0.4	0.6	0.23	1.9
C25	-	-	-	-	-	-	-	-	0.9	-	-	-	4.9	-	-	-	0.2	0.3	0.15	0.8
C30-31	-	-	-	-	-	-	-	-	-	1.2	-	-	2.4	-	-	-	0.1	0.2	0.12	0.6
C32	-	-	-	-	-	-	-	0.7	1.9	2.5	1.7	7.0	7.3	18.3	5.2	-	1.0	1.6	0.39	3.1
C33-34	-	-	-	-	-	-	0.7	3.0	5.7	9.9	8.5	14.0	19.5	22.0	41.4	12.4	3.1	4.7	0.65	9.3
C37-38	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	0.1	0.1	0.09	0.3
C40-41	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.06	-
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	2.5	-	-	-	-	-	-	-	0.1	0.1	0.10	0.5
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	-	0.1	0.1	0.11	-
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C61	-	-	-	-	-	-	-	-	-	-	5.1	9.3	-	11.0	5.2	12.4	0.7	1.3	0.37	2.0
C62	-	-	-	-	-	0.7	0.7	1.5	0.9	-	-	-	-	-	-	-	0.3	0.2	0.11	0.5
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	0.7	-	-	-	1.2	-	4.7	4.9	3.7	-	-	0.4	0.6	0.24	1.5
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	0.9	-	-	2.3	2.4	3.7	-	-	0.2	0.4	0.18	0.8
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	-	-	-	-	-	0.7	-	-	-	1.7	-	2.4	3.7	-	-	0.2	0.3	0.18	0.6
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	0.1	0.1	0.12	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	0.5	-	-	-	0.9	2.5	3.4	-	-	7.3	25.8	-	0.7	1.2	0.33	1.2
C78	-	-	-	-	-	-	-	-	0.9	-	3.4	9.3	2.4	11.0	-	-	0.6	1.0	0.31	2.2
C79	-	-	-	-	0.5	-	-	-	-	-	1.7	2.3	4.9	3.7	-	-	0.3	0.5	0.22	1.2
C81	-	-	-	0.5	-	-	-	-	-	1.2	-	-	-	3.7	-	-	0.2	0.2	0.14	0.2
C82-85,C96	-	-	-	0.5	-	-	-	0.7	0.9	-	1.7	2.3	-	3.7	10.3	-	0.5	0.6	0.24	0.9
C90	-	-	-	-	-	-	-	-	0.9	-	-	-	-	3.7	-	6.2	0.2	0.3	0.18	0.2
C91	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.0	0.04	-
C92-94	-	-	-	-	0.5	-	-	-	1.9	1.2	1.7	-	-	-	-	6.2	0.3	0.4	0.19	0.9
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	0.6	-	-	-	-	1.3	1.4	3.0	1.9	4.9	12.0	27.9	21.9	33.0	41.4	68.3	4.0	6.6	0.81	10.3
All	0.6	-	0.5	3.5	2.2	4.6	9.2	19.4	24.5	37.0	90.5	128.1	128.9	183.4	206.8	204.9	22.6	34.9	1.81	63.4

TABLE: BHP-8(b):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 Yrs) (TR) Mortality Rate per 100,000 population: 2004-2005 - Females
Bhopal

ICD-10	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	-	-	2.0	2.4	-	-	-	-	0.1	0.2	0.14	0.6
C03-06	-	-	-	-	-	0.7	-	-	-	-	-	-	5.4	7.4	-	10.1	0.4	0.7	0.27	0.7
C07-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	5.0	0.1	0.2	0.15	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	0.1	0.1	0.11	0.3
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	-	7.4	6.1	-	-	7.4	-	-	-	0.6	1.0	0.31	2.4
C16	-	-	-	-	-	-	-	-	2.9	2.0	-	-	-	-	-	-	0.2	0.3	0.16	0.9
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	0.8	-	-	-	2.0	-	-	-	5.5	-	0.2	0.3	0.16	0.3
C19-20	-	-	-	-	-	-	-	0.8	2.4	-	-	-	3.7	-	-	-	0.3	0.3	0.16	0.6
C21	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	5.0	0.1	0.2	0.12	0.2
C22	-	-	-	-	-	-	-	0.8	-	1.5	-	2.4	-	-	5.5	-	0.3	0.3	0.18	0.7
C23-24	-	-	-	-	-	-	-	0.8	2.4	4.4	10.2	-	13.5	7.4	5.5	-	1.2	1.8	0.43	4.9
C25	-	-	-	-	-	-	-	-	-	1.5	-	4.7	-	-	11.1	-	0.3	0.5	0.22	0.9
C30-31	-	-	-	-	-	-	-	-	-	1.5	-	-	-	-	-	-	0.1	0.1	0.09	0.3
C32	-	-	-	-	-	-	-	-	-	-	-	2.4	-	-	11.1	-	0.2	0.3	0.18	0.3
C33-34	-	-	-	-	-	-	-	-	-	1.5	-	2.4	5.4	7.4	5.5	5.0	0.5	0.8	0.30	1.3
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	0.6	-	-	-	-	-	-	-	2.4	-	-	-	-	0.1	0.1	0.11	0.3
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.7	-	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-	0.2	0.3	0.18	-
C50	-	-	-	-	0.6	1.3	3.9	4.9	13.2	10.3	14.3	4.7	10.8	3.7	16.6	10.1	3.2	4.1	0.59	9.8
C51	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	5.5	5.0	0.2	0.3	0.19	-
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	-	-	-	-	-	-	-	1.6	2.4	2.9	6.1	4.7	-	7.4	16.6	5.0	1.1	1.6	0.39	3.0
C54	-	-	-	-	-	-	-	-	-	-	-	-	2.7	3.7	-	-	0.1	0.2	0.16	0.3
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	-	0.1	0.1	0.11	-
C56	-	-	-	-	-	0.7	1.6	0.8	2.4	8.8	2.0	11.9	2.7	7.4	-	15.1	1.5	2.1	0.44	4.5
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	0.7	-	-	-	1.5	-	-	-	-	-	-	0.1	0.1	0.10	0.3
C64	-	-	-	-	-	-	-	-	-	-	2.0	-	2.7	-	-	-	0.1	0.2	0.15	0.7
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	2.0	2.4	-	-	-	-	0.1	0.2	0.14	0.6
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.08	-
C70-72	2.0	0.6	-	-	0.6	0.7	-	-	-	-	-	-	2.7	-	-	-	0.4	0.5	0.20	0.3
C73	-	-	-	-	-	-	-	0.8	-	-	-	-	2.7	-	-	5.0	0.2	0.3	0.16	0.5
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	-	0.7	-	-	-	1.5	-	-	10.8	-	-	-	0.4	0.6	0.24	1.7
C78	-	-	-	-	-	-	-	-	1.2	-	-	2.4	2.7	-	11.1	-	0.3	0.5	0.22	0.9
C79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	-	-	-	-	-	-	-	-	-	-	-	-	2.7	7.4	-	10.1	0.3	0.5	0.24	0.3
C90	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	0.1	0.1	0.07	0.2
C91	0.7	-	-	-	-	0.7	-	-	-	-	-	-	2.7	-	-	-	0.2	0.2	0.14	0.3
C92-94	-	-	-	-	-	-	0.8	0.8	2.4	1.5	2.0	-	2.7	3.7	-	-	0.5	0.6	0.24	1.6
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	-	-	-	-	0.6	2.0	-	-	3.6	4.4	8.2	9.5	16.2	14.9	33.3	35.3	2.6	3.9	0.63	6.2
All	4.0	0.6	-	0.6	1.9	7.2	7.0	11.4	32.4	51.6	59.2	52.2	89.1	100.3	127.5	111.0	16.6	23.8	1.51	46.2

TABLE: BHP-9(a): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu.Risk) of Individual Sites (ICD-10) Based Age Specific Rates (from 0-64 Years and from 0-74 Years) : 2004-2005 - Males
Bhopal

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.03	0.03	0.07	0.07
C01-02	Tongue	0.60	0.59	1.04	1.03
C03-06	Mouth	0.70	0.70	0.92	0.92
C07-8	Salivary Gland	0.00	0.00	0.03	0.03
C09	Tonsil	0.14	0.14	0.23	0.23
C10	Oth. Oropharynx	0.06	0.06	0.13	0.13
C11	Nasopharynx	0.03	0.03	0.08	0.08
C12-13	Hypopharynx	0.19	0.19	0.61	0.60
C14	Pharynx Unspecified	-	-	0.02	0.02
C15	Oesophagus	0.34	0.34	0.56	0.56
C16	Stomach	0.19	0.19	0.33	0.33
C17	Small Intestine	0.01	0.01	0.06	0.06
C18	Colon	0.10	0.10	0.32	0.32
C19-20	Rectum	0.12	0.12	0.24	0.24
C21	Anus & Anal Canal	0.04	0.04	0.04	0.04
C22	Liver	0.14	0.14	0.36	0.36
C23-24	Gallbladder etc.	0.15	0.15	0.33	0.33
C25	Pancreas	0.09	0.09	0.09	0.09
C30-31	Nose, Sinuses etc.	0.03	0.03	0.05	0.05
C32	Larynx	0.24	0.24	0.57	0.57
C33-34	Lung etc.	0.61	0.61	1.37	1.36
C37-38	Other Thoracic Organs	0.02	0.02	0.02	0.02
C40-41	Bone	0.09	0.09	0.11	0.11
C43	Melanoma of Skin	-	-	-	-
C44	Other Skin	0.09	0.09	0.22	0.22
C45	Mesothelioma	0.00	0.00	0.00	0.00
C46	Kaposi Sarcoma	-	-	-	-
C47+C49	Conn. & Soft Tissue	0.03	0.03	0.08	0.08
C50	Breast	0.02	0.02	0.06	0.06
C60	Penis	0.02	0.02	0.02	0.02
C61	Prostate	0.19	0.19	0.58	0.58
C62	Testis	0.06	0.06	0.06	0.06
C63	Other Male Genital	-	-	-	-
C64	Kidney etc.	0.11	0.11	0.15	0.15
C65	Renal Pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.09	0.09	0.28	0.28
C68	Uns.Urinary Organs	-	-	-	-
C69	Eye	0.02	0.02	0.02	0.02
C70-72	Brain, Nervous System	0.10	0.10	0.25	0.25
C73	Thyroid	0.07	0.07	0.10	0.10
C74	Adrenal Gland	-	-	-	-
C77	Sec Lymph Nodes	0.03	0.03	0.18	0.18
C78	Sec Resp & Digestive	0.15	0.15	0.19	0.19
C79	Sec Others	0.05	0.05	0.09	0.09
C81	Hodgkins Disease	0.03	0.03	0.05	0.05
C82-85,C96	NHL	0.16	0.16	0.37	0.37
C90	Multiple Myeloma	0.06	0.06	0.08	0.08
C91	Lymphoid Leuk.	0.07	0.07	0.11	0.11
C92-94	Myeloid Leukaemia	0.12	0.12	0.19	0.19
C95	Leukaemia Uns	-	-	-	-
O&U	Other and Uns	0.31	0.31	0.58	0.58
	All Sites	5.71	5.55	11.22	10.61

TABLE: BHP-9(b): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu.Risk) of Individual Sites (ICD-10) Based Age Specific Rates (from 0-64 Years and from 0-74 Years) : 2004-2005 - Females
Bhopal

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.03	0.03	0.05	0.05
C01-02	Tongue	0.17	0.17	0.17	0.17
C03-06	Mouth	0.34	0.34	0.42	0.41
C07-8	Salivary Gland	0.02	0.02	0.02	0.02
C09	Tonsil	-	-	0.02	0.02
C10	Oth. Oropharynx	-	-	-	-
C11	Nasopharynx	-	-	-	-
C12-13	Hypopharynx	0.02	0.02	0.05	0.05
C14	Pharynx Unspecified	-	-	-	-
C15	Oesophagus	0.20	0.20	0.53	0.53
C16	Stomach	0.07	0.07	0.12	0.12
C17	Small Intestine	0.03	0.03	0.03	0.03
C18	Colon	0.10	0.10	0.15	0.15
C19-20	Rectum	0.12	0.12	0.14	0.14
C21	Anus & Anal Canal	0.03	0.03	0.07	0.07
C22	Liver	0.07	0.07	0.12	0.12
C23-24	Gallbladder etc.	0.33	0.33	0.52	0.52
C25	Pancreas	0.01	0.01	0.07	0.07
C30-31	Nose, Sinuses etc.	0.02	0.02	0.02	0.02
C32	Larynx	0.02	0.02	0.08	0.08
C33-34	Lung etc.	0.14	0.14	0.25	0.25
C37-38	Other Thoracic Organs	0.01	0.01	0.01	0.01
C40-41	Bone	0.05	0.05	0.05	0.05
C43	Melanoma of Skin	-	-	-	-
C44	Other Skin	0.08	0.08	0.09	0.09
C45	Mesothelioma	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-
C47+C49	Conn. & Soft Tissue	0.04	0.04	0.11	0.11
C50	Breast	2.04	2.02	2.78	2.74
C51	Vulva	0.03	0.03	0.07	0.07
C52	Vagina	-	-	0.04	0.04
C53	Cervix Uteri	1.39	1.38	2.02	2.00
C54	Corpus Uteri	0.19	0.19	0.26	0.26
C55	Uterus Unspecified	0.04	0.04	0.06	0.06
C56	Ovary etc.	0.51	0.51	0.66	0.66
C57	Other Female Genital	-	-	-	-
C58	Placenta	0.02	0.02	0.02	0.02
C64	Kidney etc.	0.02	0.02	0.05	0.05
C65	Renal Pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.06	0.06	0.06	0.06
C68	Uns.Urinary Organs	-	-	-	-
C69	Eye	0.01	0.01	0.01	0.01
C70-72	Brain, Nervous System	0.17	0.17	0.17	0.17
C73	Thyroid	0.13	0.13	0.17	0.17
C74	Adrenal Gland	-	-	-	-
C77	Sec Lymph Nodes	0.11	0.11	0.13	0.13
C78	Sec Resp & Digestive	0.03	0.03	0.11	0.11
C79	Sec Others	0.01	0.01	0.04	0.04
C81	Hodgkins Disease	0.02	0.02	0.05	0.05
C82-85,C96	NHL	0.11	0.11	0.16	0.16
C90	Multiple Myeloma	0.05	0.05	0.10	0.10
C91	Lymphoid Leuk.	0.04	0.04	0.05	0.05
C92-94	Myeloid Leukaemia	0.13	0.13	0.28	0.28
C95	Leukaemia Uns	-	-	-	-
O&U	Other and Uns	0.20	0.20	0.38	0.38
	All Sites	7.18	6.92	10.75	10.19