

CANCER INCIDENCE & MORTALITY DATA SRI LANKA 2014

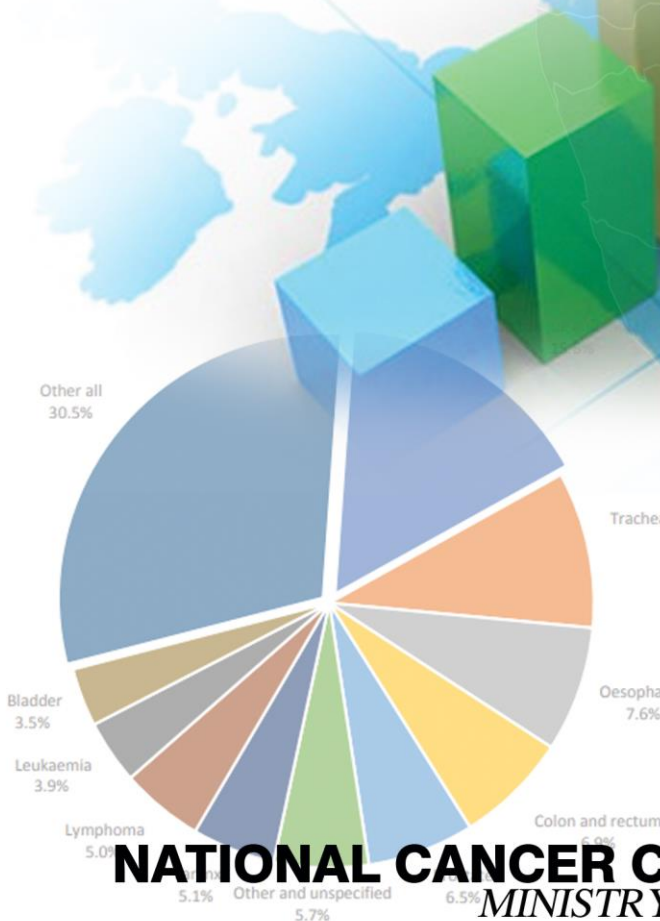
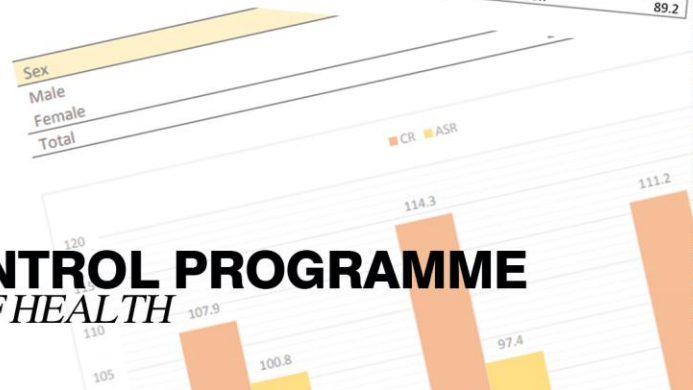


Table 07: Cancer Incidence in Sri Lanka-2011

Sex	Number	%	CR	ASR
Male	8370	47.9	80.6	90.4
Female	9112	52.1	86.7	88.7
Total	17482	100.0	83.7	89.2



NATIONAL CANCER CONTROL PROGRAMME
MINISTRY OF HEALTH

National Cancer Incidence and Mortality Data

Sri Lanka 2014



National Cancer Control Programme

Ministry of Health
555/5 Public Health Complex
Elvitigala Mawatha,
Narahenpita, Colombo 05
Sri Lanka

16th Publication – National Cancer Incidence and Mortality Data Sri Lanka: 2014

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National Cancer Control Programme, Sri Lanka

Executive Summary

‘Cancer Incidence & Mortality Data Sri Lanka – 2014’ is the 16th volume of the series of publication on cancer surveillance data of Sri Lanka. This is the output report of National Cancer Registry / Sri Lanka Cancer Registry (SLCR) based on newly reported cancers in the year 2014. The newly detected cancers through the government cancer treatment centres, pathology laboratories, Oral and Maxillo-Facial (OMF) surgery units in the country were considered for this publication. As a new initiative of cancer surveillance from year 2012, the Population Based Cancer Registry (PBCR) of Colombo district was also commenced. The additional data sources considered for the Population Based Cancer Registry initiative in Colombo district were also incorporated to the national cancer registry database. All the data were entered into the CanReg 5 database. When processing the data, quality checks were conducted and duplicate entries were eliminated. Analysis was conducted using Can Reg 5 software and SPSS software.

In the year 2014, a total of 25,271 new patients with cancers were reported, giving a crude incidence rate (CR) of 121.6 per 100,000. Crude incidence rates of males and females were 119.5 /100,000 (n=12,021) and 123.6/100,000 (n=13,250). The highest 5-year age specific incidence rates were reported among males of 70-74 age group (803.3/100,000) and females of 70-74 age group (514.2/100,000). When age standardized rates (ASR) were considered, the overall ASR was 107.3 /100,000 and the ASR for males and females were 112.0/100,000 and 105.3 /100,000 respectively.

Lip, tongue & mouth (n=1923, ASR=17.6/100,000), Lung (n=1156, ASR = 10.7/100,000), Oesophagus (n=903, CR = 8.3/100,000) and Colon & rectum (n=800, CR=7.4/100,000) were the highest incident cancers among males. Out of all reported cancers among males, 16% of cancers were Lip, tongue and mouth cancers.

Breast (n=3291, ASR =26.0/100,000), Thyroid (n=1432, ASR = 11.8 /100,000), Cervix (n=1090, ASR =8.5 /100,000) and Colon & rectum (n=965, CR=7.5/100,000) were the highest incident cancers among females. Thyroid cancer remained the second commonest cancer among females pushing cervical cancer into third position as in year 2013. Out of all cancers reported among females, 25% of cancers were breast cancers.

Among children and adolescents, the most common cancer was (i) Leukemias, myeloproliferative diseases and myelodysplastic diseases (n=229), while (ii)lymphomas(n=80), (iii) CNS neoplasms (n=70), (iv) neuroblastomas and other peripheral nervous cell tumors (29) had positioned next in the list respectively.

Mortality data received through Department of Census & Statistics was evaluated. A total of 7,459 (Crude death rate 74.2/100,000) and 6,055 (Crude death rate 56.5/100,000) cancer related deaths were reported among males and females respectively in the year 2014. Age specific death rates among females were lower than males and death rates were increasing over the advanced age. Malignant neoplasm of trachea, bronchus and lung was the leading cause of death among males and cancer of the breast was the leading cause of death among females.

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Cancer Incidence & Mortality Data Sri Lanka – 2014

1. Introduction

Cancer surveillance (Cancer registration) is a process of systematic, continuous collection, storage, analysis, interpretation and dissemination of epidemiological information on cancers occurring in a country or a specific geographic area. Information generated from the cancer registration is essential for planning, implementation, monitoring and evaluation of cancer control activities of the country.

The National Cancer Control Programme (NCCP) of the Ministry of Health coordinates surveillance of cancers in Sri Lanka with the active participation of other stakeholders for cancer surveillance including cancer treatment centres, pathology laboratories, Oral and Maxillo Facial (OMF) units, professional colleges, WHO country office etc. The process of surveillance of cancers is technically guided by the International Agency for Research on Cancer (IARC) of WHO and WHO IARC Regional Hub for Cancer Registration, Mumbai India. In addition, technical guidance is received from Department of Epidemiology, Biostatistics and Cancer Registry, WIA Cancer Institute, Chennai India.

The information based on surveillance of cancers is published as a publication named ‘Cancer Incidence Data Sri Lanka’. Up to now 15 volumes have been published as shown in Table i. This publication is the 16th volume of Cancer Incidence & Mortality Data Sri Lanka.

Table (i) Summary details of previous publications of ‘Cancer Incidence Data Sri Lanka’

Year of cancer incidence data	Data generating centres						Publication	
	Cancer Treatment Centres	Pathology laboratories	OMF units	Medical Record Rooms	Death Registrars	Total no. of centres	Volume	Year published
1985	3	–	–	–	–	3	1	1990
1986	3	–	–	–	–	3	2	1991
1987	3	–	–	–	–	3	3	1993
1990	3	–	–	–	–	3	4	1996
1995	3	–	–	–	–	3	5	2002
2000	4	–	–	–	–	4	6	2006
2001-2005	5	–	–	–	–	5	7	2009
2006	6	–	4	–	–	10	8	2012
2007	6	–	4	–	–	10	9	2013
2008	7	16	17	–	–	40	10	2014
2009	9	15	17	–	–	41	11	2015
2010	9	13	17	–	–	39	12	2016
2011	9	13	12	-	-	34	13	2018
2012	9	37	15	9	40	110	14	2020
2013	9	45	15	25	40	134	15	2021

2. Methodology

Cancer Incidence Data

The methodology of surveillance for cancer incidence data includes (i) collection of cancer incidence data from the point of diagnosis /from the point of treatment, (ii) coding of cancer incidence data, (iii) entering of cancer incidence data to the database, (iv) duplicate checking & verification of data, (v) analysis of data and (vi) dissemination of information through the publication of ‘Cancer Incidence Data Sri Lanka’ and other modes.

The methodology of each step of cancer surveillance is described below.

2.1.1 Collection of cancer incidence data

Cancer incidence data were collected from cancer treatment centres, pathology laboratories and Oral & Maxillo-Facial (OMF) units throughout the country. In addition, the

2.1.1 Newly registered cancer patients at the cancer treatment centres

In the year 2014, there were 9 government cancer treatment centres involved in data collection (table ii). Relevant data were extracted from cancer patients’ clinic records using ‘National Cancer Surveillance Form – H 1256’. Data were extracted by the medical officers, nursing officers and development officers attached to the cancer treatment centres, trained pre-intern medical graduates temporarily recruited through WHO Biennium funds and by the cancer registry staff of NCCP.

Table (ii) Distribution of government cancer treatment centres in year 2014

Category of hospital	Name of the hospital
National Hospitals	Apeksha Hospital - Maharagama (National Cancer Institute)
Teaching Hospitals	Kandy, Karapitiya, Anuradhapura, Batticaloa
Provincial General Hospitals	Badulla, Kurunegala, Rathnapura
Base Hospital	Tellippalai (Jaffna)

2.1.2 Newly detected cancers at the pathology laboratories

The information on newly detected cancers at the pathology laboratories were received monthly through the ‘Cancer Return Form - 1’ (H-1290). A total of 45 Histopathology laboratories (13,035 diagnosed patients), 5 Haematology laboratories (258 diagnosed

patients) and one oral pathology laboratory (403 diagnosed patients) have passively sent relevant data for the year 2014 (table ii).

Table (iii) Distribution of pathology laboratories which sent details of newly diagnosed cancer patients in year 2014

Category of hospital	Type of Pathology laboratory		
	Histopathology	Haematology	Oral Pathology
National Hospital	National Hospital of Sri Lanka		
Teaching Hospitals	De Soysa Hospital for Women, Castle Hospital for Women, Lady Ridgeway Hospital, National Eye Hospital, Colombo South, Colombo North, National Hospital for Respiratory Diseases-Welisara, Kandy, Peradeniya, Batticaloa, Jaffna		
Provincial General Hospitals	Kurunegala , Rathnapura, Badulla	Kurunegala ,Badulla	
District General Hospitals	Avissawella,Gampaha,Negombo, Kalutara,Matara,Hambanthota, Kegalle,Chilaw, Nawalapitiya,Nuwaraeliya, Matale, Monaragala, Vavuniya	Kalutara, Hambanthota, Chilaw	
Base Hospital	Homagama, Wathupitiwala,Kethumathi, Horana,Balapitiya,Tangalle, Embilipitiya, Puttlam, Gampola,Dambulla, Karawanella		
University Units	Faculty of Medicine-Colombo, Ruhuna, Jayawardanepura, Ragama		Faculty of Dental Sciences – Peradeniya
Other Institutions	MRI		
Private sector	Gomez Hospital- Avissawella		

2.1.3 Newly diagnosed cancers at the Oral & Maxillo - Facial (OMF) Surgery Units

Data on newly confirmed cancer patients at the Oral & Maxillo-Facial (OMF) surgery units were received annually through the Annual Notification Form of Oral Cancer (H -1294). A total of 15 OMF units have sent relevant data for year 2013 (table iii).

Table (iv) Distribution of OMF Units which sent details of newly diagnosed cancer patients in year 2014

Category of hospital	Name of the hospital
National Hospital	Dental Institute Colombo
Teaching Hospitals	Colombo South, Colombo North, Karapitiya, Kandy
Provincial General Hospitals	Badulla, Kurunegala, Rathnapura
District General Hospitals	Gampaha, Kalutara, Chilaw, Kegalle, Polonnaruwa
Base Hospital	Kuliyapitiya, Panadura
University Units	-

2.1.4 Incorporation of additional cancer incidence data collected for the Population Based Cancer Registry – Colombo district

Two additional data sources were identified for capturing further cancer incidence data from Colombo district when commencing the Population Based Cancer Registry and those data sources were also incorporated as data generating centres for national cancer registry.

Details from Medical Record Departments of Hospitals situated in Colombo district & adjacent districts

The information on cancer patients treated at the secondary and tertiary care hospitals in the government sector, private sector and armed services in the Colombo district and selected hospitals in the adjacent districts were collected through the ‘Cancer Return Form -2’ (H-1291). A total of 24 Medical Record Departments have sent the details in year 2014 (table iv). Out

Table (v) Distribution of Medical Record Departments of Hospitals which sent details of newly diagnosed cancer patients in year 2014

Category of hospital	Name of the hospital
National Hospital	National Hospital, Dental Institute Colombo, Eye hospital, LRH,DMH,CSHW
Teaching Hospitals	Colombo South, Colombo North, National Hospital for Respiratory Diseases-Welisara , Sri Jayawardanapura
District General Hospitals	Avissawella, Gampaha ,Mulleriyawa
Base Hospital	Panadura, Horana
Private Sector hospitals	Asiri Central, Asiri Medical, Asiri Surgical, Durdans, Lanka, Delmon
Armed Services hospitals	Army hospital, Navy hospital, Police hospital

Details from Divisional Death Registrars of the Colombo district

Details of all cancer related deaths registered by the Divisional Death Registrars of the Colombo district were received through the Cancer Return Form – 3. A total of 40 divisional death registrars have sent relevant details for the year 2014.

2.2 Coding of cancer incidence data

According to the instructions of International Classification of Disease for Oncology 3rd edition (ICD-O 3), cancer incidence data were coded according to the site (Topography) and the histology (Morphology) of cancer. The cancer registry staff of the NCCP coded the cancer incidence data.

2.3 Entering of cancer incidence data to the database

Cancer incidence data were entered into the CanReg5 database by the trained data entry operators attached to the NCCP. The process of data entering was closely supervised by the cancer registry staff and was regularly involved in refresher training to the data entry operators to ensure accuracy and quality of data.

2.4 Duplicate checking & verification of data

While entering and confirming the data to the CanReg5 data base, duplicate checking was conducted using 'Person search' option of the CanReg 5 data base. In addition to the duplicate checking done through CanReg 5, further duplicate checking had to be conducted during the data verification stage as well to identify all possible duplicates.

The additional methods used were;

- i. Use of Linkpro software
- ii. Use of Excel software – Sorted according to the descending or ascending order of selected variables

After removing possible duplicates, consistency checking and verification was conducted using 'IARCcrg' tool & MS Excel.

Mismatches according to;

Age/Incidence and birthdates

Age /Site /Histology

Site /Histology

Sex/Site

Sex/Histology

Behaviour /Site

Behaviour / Histology

Grade /Histology Basis of Diagnosis /Histology were corrected.

After these procedures, preliminary analysis was conducted using CanReg 5 & SPSS to detect further mismatches. Data sources up to the patient clinic files were rechecked in the instances where mismatches were noted by the cancer registry staff of the NCCP. After identifying errors or misclassifications, necessary corrections were done before finalizing the data for analysis.

2.5 Analysis of cancer incidence data

Analysis section of the CanReg 5 package, SPSS and MS Excel software were used to analyze cancer incidence data. The standard cancer registry tables described at the Cancer incidence in 5 continents (CI 5) were generated through CanReg 5 database.

The estimated population data for year 2014 for calculation cancer incidence & mortality data was received from the Department of Census & Statistics.

Table (vi) Estimated population for year 2014

	Estimated Population
Male	10,059,283
Female	10,718,312
Total	20,777,595

Source – Department of Census & Statistics of Sri Lanka (*000)

Cancer Mortality Data

Cancer mortality data were received through two sources at national level.

- (i) Hospital Indoor Morbidity Mortality Return of Medical Statistics unit of Ministry of Health
- (ii) Cause specific death data published by the Department of Census & Statistics.

Based on the available data further analysis was conducted.

Cancer Incidence Data of Sri Lanka

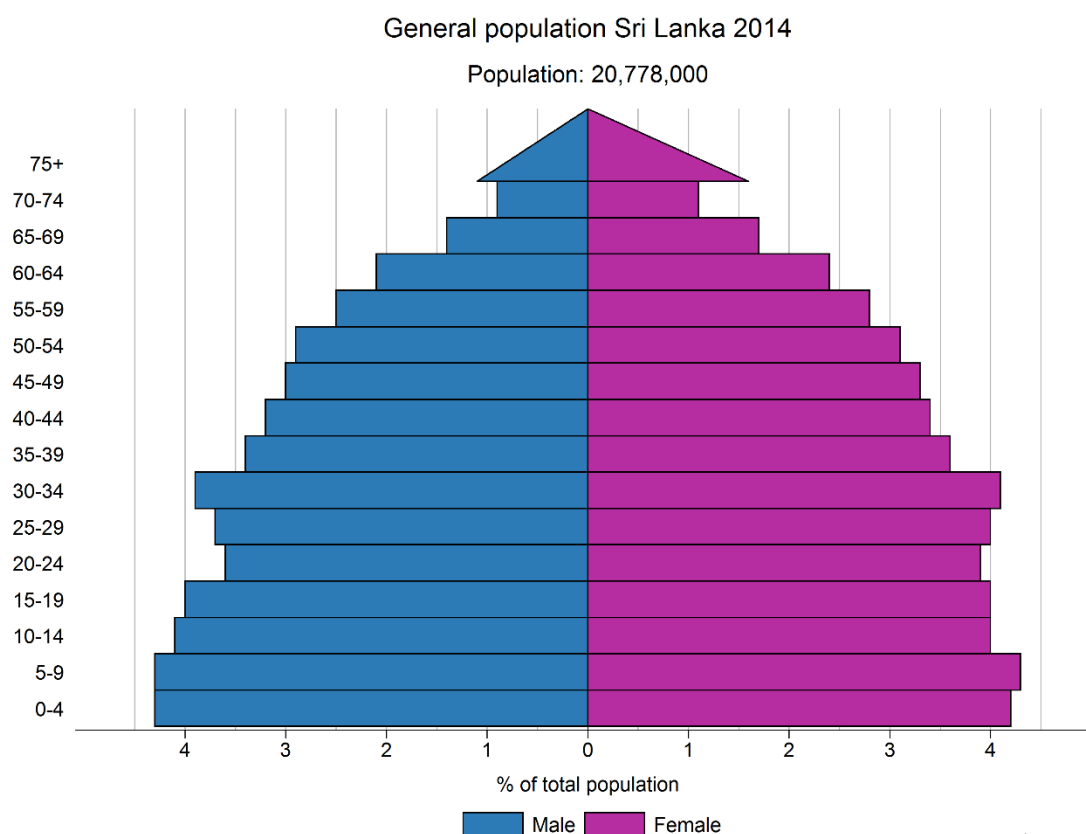


Figure 1 : General population in Sri Lanka by 5-year age groups (Population Pyramid)

Table 1 : Population of Sri Lanka: sex distribution 2006 – 2014

Population ('000)	Year								
	2006	2007	2008	2009	2010	2011	2012	2013	2014
Male	9,889	9,956	10,060	10,148	10,249	10,381	9,856	9,965	10,059
Female	9,969	10,083	10,186	10,302	10,404	10,511	10,502	10,619	10,718
Sex Ratio	99.2	98.7	98.8	98.5	98.5	98.8	93.8	93.8	93.9

Table 2: Cancer Incidence by sex, 2006-2014

Year	Sex	Number	%	CR	ASR
2006	Male	6,205	44.1	62.7	69.2
	Female	7,875	55.9	79	79.5
	Total	14,080		70.9	74.2
2007	Male	6,356	46.6	63.8	70.9
	Female	7,279	53.4	72.2	72.8
	Total	13,635		68	71.6
2008	Male	7,695	46.6	76.5	85.5
	Female	8,816	53.4	86.6	88
	Total	16,511		81.6	86.4
2009	Male	7,858	46.5	77.4	86.4
	Female	9,030	53.5	87.7	89.1
	Total	16,888		82.6	87.5
2010	Male	7,993	47.1	78.0	87.4
	Female	8,970	52.9	86.2	87.7
	Total	16,963		82.1	87.3
2011	Male	8,370	47.9	80.6	90.4
	Female	9,112	52.1	86.7	88.7
	Total	17,482		83.7	89.2
2012	Male	11,363	49.2	114.9	106.9
	Female	11,773	50.8	111.7	94.9
	Total	23,136		113.3	99.7
2013	Male	11,364	48.3	114.0	106.3
	Female	12,167	51.7	114.6	97.4
	Total	23,531		114.3	100.7
2014	Male	12,021	47.6	119.5	112.0
	Female	13,250	52.4	123.6	105.3
	Total	25,271		121.6	107.3

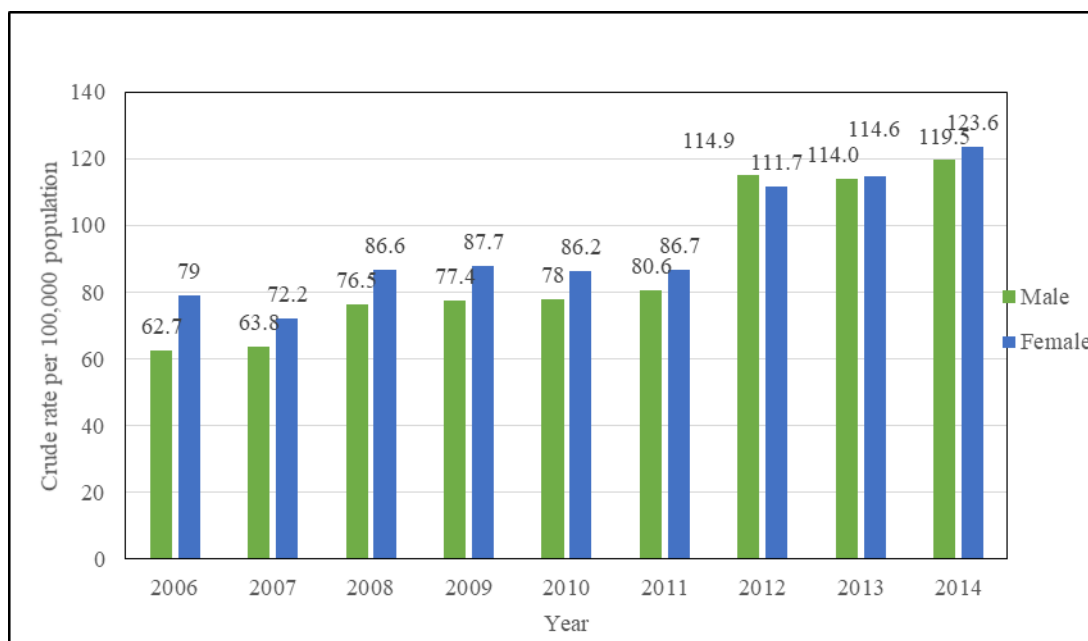


Figure 2: Crude Incidence Rates-Sri Lanka, 2006 – 2014

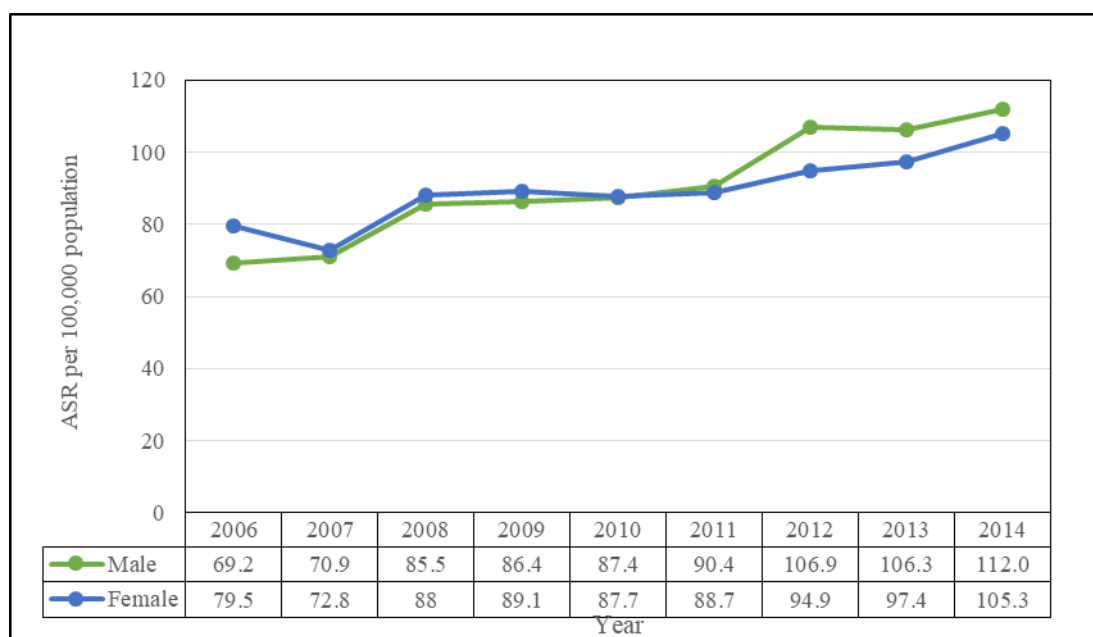


Figure 3 : Age standardized Incidence Rates- Sri Lanka, 2006 - 2014

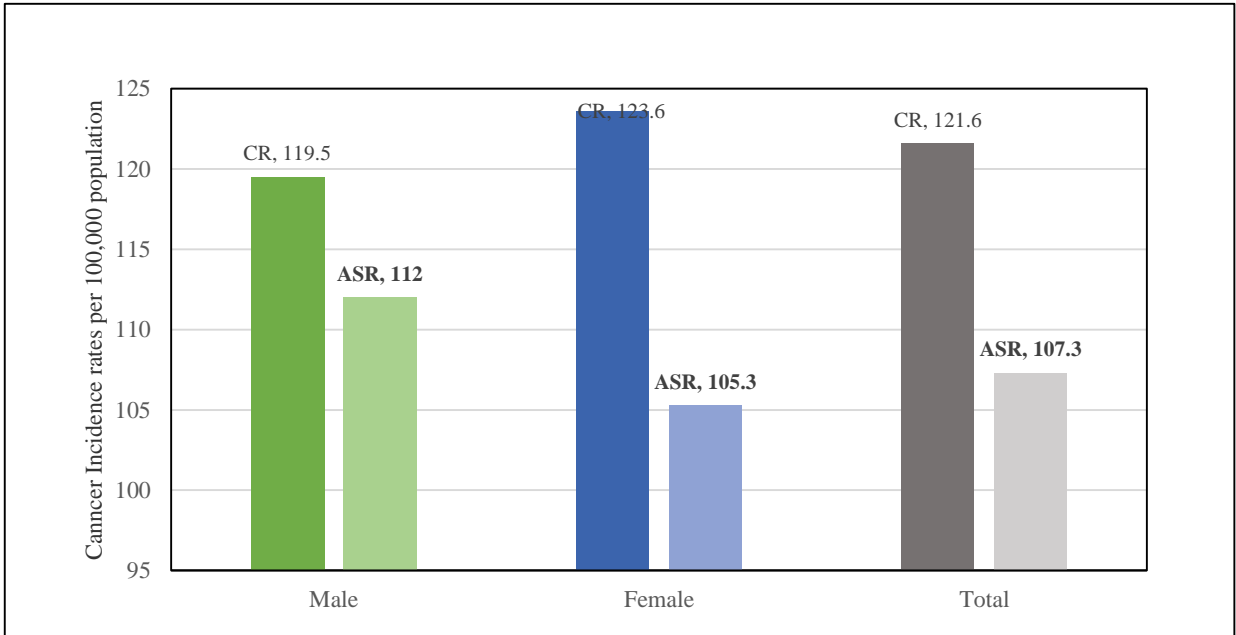


Figure 4 : Cancer Incidence Rates- Sri Lanka - 2014

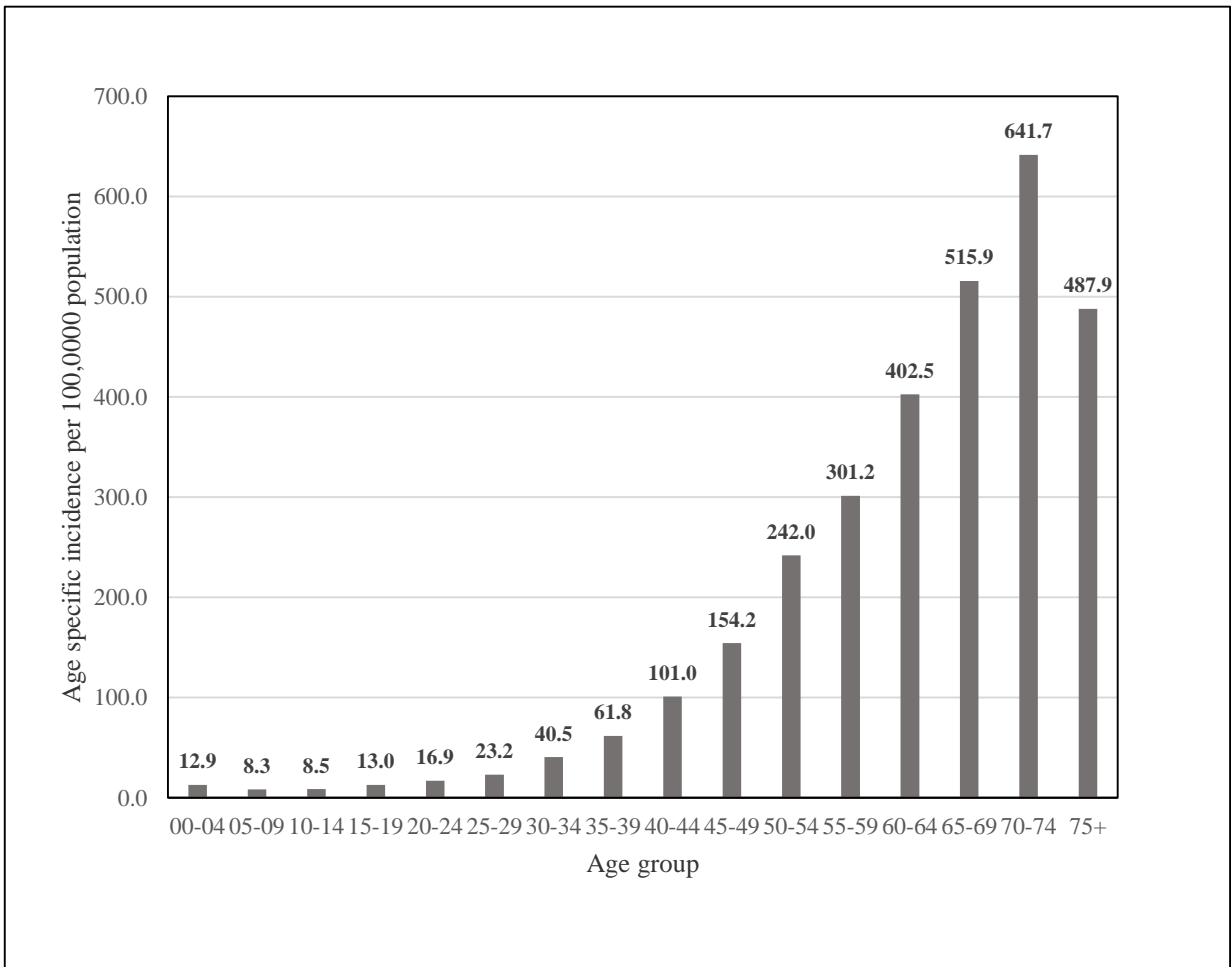


Figure 5: Age Specific Cancer Incidence rates in Sri Lanka -2014

Table 3 Cancer incidence by 5 year age groups & sex - 2014

Age Group	Male			Female			Total		
	Cases	Populati- on	Incidence	Cases	Populati- on	Incidence	Cases	Populati- on	Incidence
Unknown	29			25			54		
00-04	117	897,764	13.03	113	882,883	12.80	230	1,780,647	12.92
05-09	97	900,547	10.77	51	883,758	5.77	148	1,784,305	8.29
10-14	76	846,301	8.98	67	827,888	8.09	143	1,674,189	8.54
15-19	96	836,858	11.47	122	841,462	14.50	218	1,678,320	12.99
20-24	116	757,437	15.31	149	806,744	18.47	265	1,564,181	16.94
25-29	118	758,756	15.55	250	826,029	30.27	368	1,584,785	23.22
30-34	226	813,215	27.79	452	859,885	52.57	678	1,673,100	40.52
35-39	263	700,066	37.57	625	737,812	84.71	888	1,437,879	61.76
40-44	465	675,118	68.88	936	711,789	131.50	1401	1,386,907	101.02
45-49	787	630,823	124.76	1237	681,334	181.56	2024	1,312,157	154.25
50-54	1289	593,220	217.29	1723	651,175	264.60	3012	1,244,395	242.05
55-59	1575	511,115	308.15	1696	574,776	295.07	3271	1,085,891	301.23
60-64	1914	434,043	440.97	1855	502,365	369.25	3769	936,408	402.50
65-69	1823	289,438	629.84	1509	356,449	423.34	3332	645,887	515.88
70-74	1490	185,482	803.31	1209	235,116	514.21	2699	420,598	641.71
75+	1540	229,100	672.20	1231	338,847	363.29	2771	567,947	487.90
Total	12021	10,059,283	119.50	13250	10,718,312	123.62	25271	20,777,595	121.63

Table 4 : Leading cancer sites by sex - 2014

Male					Female				
ICD 10 code	Site	No	CR	ASR	ICD 10	Site	No	CR	ASR
C00-C06	Lip, tongue and mouth	1923	19.1	17.6	C50	Breast	3291	30.7	26.0
C33-C34	Trachea, bronchus and lung	1156	11.5	10.7	C73	Thyroid	1432	13.4	11.8
C15	Oesophagus	903	9.0	8.3	C53	Cervix uteri	1090	10.2	8.5
C18-C20	Colon and rectum	800	8.0	7.4	C18-C20	Colon and rectum	965	9.0	7.5
C61	Prostate	791	7.9	7.5	C56	Ovary	951	8.9	7.6
C09-C14	Pharynx	699	6.9	6.4	C15	Oesophagus	712	6.6	5.4
C81-C85 and C96	Lymphoma	583	5.8	5.5	C54-C55	Uterus	660	6.2	5.1
C32	Larynx	571	5.7	5.3	C00-C06	Lip, tongue and mouth	529	4.9	4.1
C91-C95	Leukaemia	466	4.6	4.6	C81-C85 and C96	Lymphoma	405	3.8	3.4
C67	Bladder	442	4.4	4.1	C33-C34	Trachea, bronchus and lung	325	3.0	2.5
Total		12,021	119.5	112.0	Total		13,250	123.6	105.3

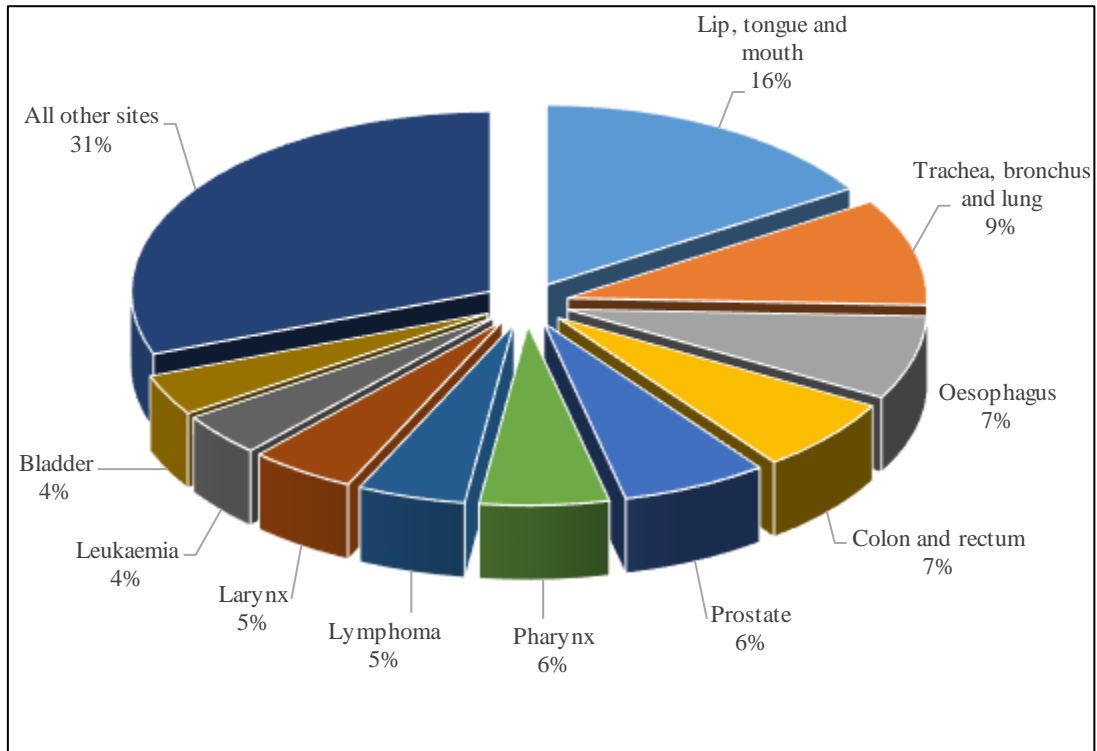


Figure 6 - Proportion of leading cancers in Males in Sri Lanka – 2014

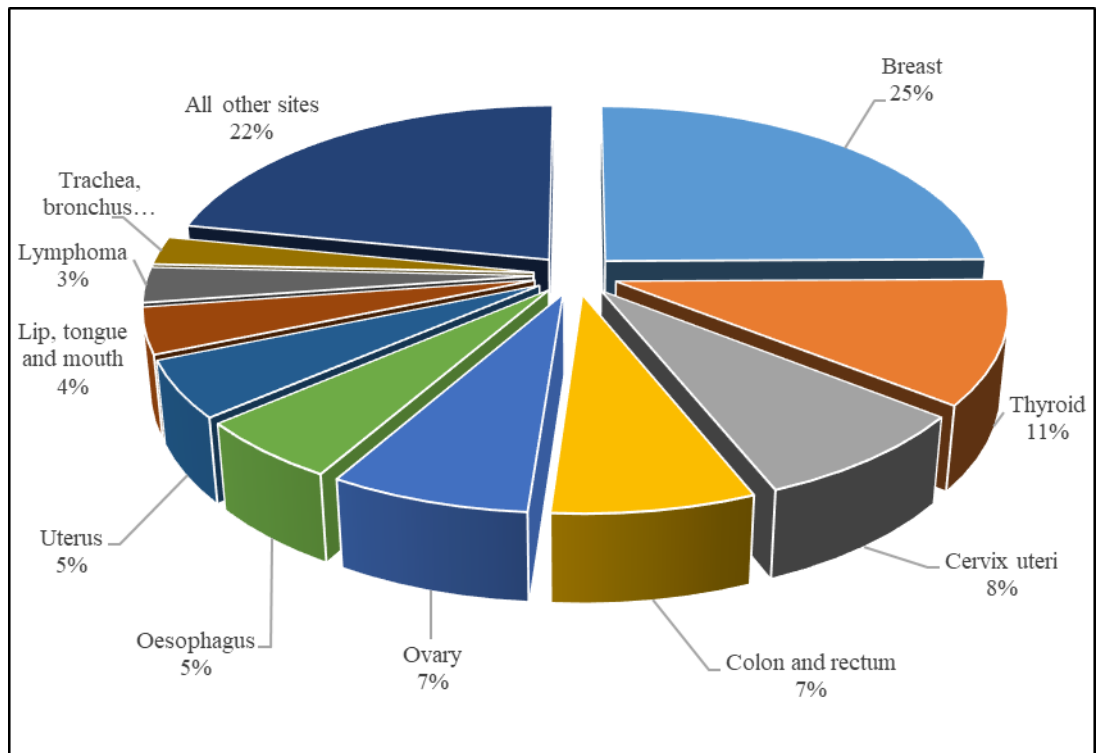


Figure 7 - Proportion of leading cancers in Females in Sri Lanka – 2014

Table 05: Cancer cases by age group – Male 2014

ICD 10 code and site	Age Group																Total	
	Unk now n	00-04	05-09	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+
C00 Lip	1	0	0	0	0	0	0	0	2	6	4	13	9	11	8	9	7	70
C01 Base of tongue	0	0	0	0	0	0	0	1	3	12	23	28	35	38	21	11	20	192
C02 Unspecified part of tongue	0	0	0	0	0	1	1	6	13	31	60	78	71	63	62	40	34	460
C03 Gum	0	0	0	0	0	0	0	0	0	7	9	19	21	21	19	14	20	130
C04 Floor of mouth	0	0	0	0	0	0	0	1	0	3	11	22	23	19	21	7	9	116
C05 Palate	0	0	1	0	0	0	1	4	7	12	9	28	43	33	25	26	22	211
C06 Other and unspecified parts of mouth	1	0	0	1	0	0	2	4	5	36	65	75	10	11	12	96	12	744
													1	8	0	0	0	
C07 Parotid gland	1	0	0	6	2	2	1	5	7	5	3	9	10	5	11	7	11	85
C08 Other and unspecified major salivary gland	0	0	0	1	0	0	0	3	0	4	2	4	1	3	1	2	2	23
C09 Tonsil	0	0	0	0	0	1	0	0	0	10	20	46	22	28	20	17	18	182
C10 Oropharynx	0	0	0	0	0	0	1	0	5	8	11	20	29	15	20	19	4	132
C11 Nasopharynx	0	0	0	0	0	1	1	0	0	1	3	7	3	3	7	8	2	36
C12 Pyriform sinus	0	0	0	0	0	0	0	0	3	6	14	30	34	42	24	28	30	211
C13 Hypopharynx	0	0	0	0	0	0	0	0	0	5	5	6	8	10	9	7	10	60
C14 Ill-defined sites of lip, oral cavity and pharynx	0	0	0	0	0	0	0	0	0	3	7	10	19	10	8	7	14	78
C15 Oesophagus	3	0	0	0	0	0	0	5	9	19	55	10	14	14	16	13	12	903
												3	7	7	0	2	3	
C16 Stomach	2	0	0	0	0	1	0	1	6	6	20	52	66	63	68	62	38	385
C17 Small intestine	0	0	0	0	0	0	0	0	2	0	3	5	4	11	6	3	6	40
C18 Colon	0	0	0	1	3	1	4	9	10	16	25	39	40	60	53	50	45	356
C19 Rectosigmoid junction	0	0	0	0	0	0	0	0	4	5	3	4	9	12	15	11	9	72
C20 Rectum	2	0	0	0	0	1	3	9	6	14	17	23	51	68	55	61	62	372
C21 Anus	0	0	0	0	0	0	0	0	1	2	1	7	5	8	10	13	13	60
C22 Liver	4	7	1	0	1	0	0	3	2	1	12	24	27	44	44	45	32	247
C23 Gallbladder	0	0	0	0	0	0	0	1	1	0	3	2	5	1	3	5	1	22

ICD 10 code and site	Age Group																Total	
	Unk now n	00-04	05-09	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+
C24 Other and unspecified parts of biliary tract	0	0	0	0	0	0	1	1	0	1	6	9	8	11	9	4	4	54
C25 Pancreas	0	0	0	0	0	1	1	1	1	3	7	17	7	22	10	8	8	86
C26 Other and ill-defined digestive organs	0	0	0	0	0	0	0	0	1	0	1	2	0	3	3	2	5	17
C30 Nasal cavity and middle ear	0	1	1	0	1	1	1	0	1	1	2	4	3	4	8	9	0	37
C31 Accessory sinuses	0	1	0	0	0	0	0	0	3	3	3	6	4	7	10	3	5	45
C32 Larynx	0	0	0	0	0	1	0	5	7	7	35	67	90	121	92	82	64	571
C33 Trachea	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	4
C34 Bronchus and lung	3	0	0	0	0	2	5	4	11	28	57	116	187	237	236	145	121	1152
C37 Thymus	0	0	0	0	0	1	0	2	1	1	2	2	3	2	4	1	0	19
C38 Heart, mediastinum and pleura	0	1	1	2	1	0	2	4	0	0	0	1	2	0	0	0	1	15
C40 Bone and articular cartilage of limbs	0	1	3	12	8	2	2	6	1	1	1	3	0	2	0	0	2	44
C41 Bone and articular cartilage of other and unspecified sites	0	1	1	6	4	7	1	1	0	2	3	0	3	4	4	2	2	41
C43 Malignant melanoma of skin	0	0	0	1	1	0	0	2	3	0	7	3	6	9	8	5	9	54
C44 Skin	0	1	1	0	0	3	3	4	11	12	20	28	35	45	27	30	37	257
C45 Mesothelioma	0	0	0	0	0	0	0	0	1	0	0	2	0	1	1	0	1	6
C46 Kaposi sarcoma	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
C47 Peripheral nerves and autonomic nervous system	0	2	0	1	0	1	0	1	0	1	0	3	0	1	0	0	0	10
C48 Retroperitoneum and peritoneum	0	0	1	0	0	0	0	2	0	0	1	2	1	1	1	2	3	14
C49 Connective and soft tissue	0	0	3	2	5	3	4	10	5	8	10	11	12	9	6	11	8	107
C50 Breast	1	0	0	0	0	0	1	0	3	6	5	8	8	9	8	10	10	69

ICD 10 code and site		Age Group																Total	
		Unk now n	00-04	05-09	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+
C60	Penis	0	0	0	0	0	0	0	3	2	8	8	13	14	14	12	9	14	97
C61	Prostate	2	0	0	0	0	0	0	1	2	1	4	20	56	11	16	17	25	791
C62	Testis	0	8	2	0	2	4	10	7	4	5	1	2	2	5	1	0	1	54
C63	Other and unspecified male genital organs	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	1	11
C64	Kidney	0	8	1	1	1	0	2	6	13	12	12	25	31	37	29	23	16	217
C65	Renal pelvis	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	4
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
C67	Bladder	1	0	0	0	0	1	2	1	8	10	21	38	59	79	80	65	77	442
C68	Other and unspecified urinary organs	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
C69	Eye and adnexa	0	13	2	0	0	0	0	2	1	0	1	0	0	1	0	0	3	23
C70	Meninges	0	0	0	0	0	1	0	2	0	0	1	1	0	3	2	0	0	10
C71	Brain	1	9	16	8	3	4	5	16	14	23	14	23	17	19	11	11	7	201
C72	Other parts of central nervous system	0	0	0	0	1	0	0	1	0	1	0	1	0	1	0	1	0	6
C73	Thyroid	0	0	0	1	10	22	19	33	36	32	29	27	28	26	16	15	16	310
C74	Adrenal gland	0	3	3	1	0	1	1	0	0	0	0	0	1	2	2	0	0	14
C75	Other endocrine gland and related structure	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	4
C76	Other and ill-defined site	1	2	2	0	1	0	0	1	1	3	6	10	7	4	8	9	6	61
C80	Unknown primary	4	0	1	1	3	2	9	5	6	28	51	83	95	11	12	85	88	701
C81	Hodgkin disease	0	2	2	1	3	17	7	9	4	10	6	11	2	11	6	5	8	104
C82	Follicular(nodular) non-Hodgkin lymphoma	0	0	0	0	1	0	1	2	1	5	3	7	2	8	6	9	1	46
C83	Diffuse non-Hodhkin lymphoma	0	6	6	5	2	1	1	7	3	5	5	11	10	17	13	4	16	112

ICD 10 code and site	Age Group																	Total
	Unk now n	00-04	05-09	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+	
C84 Peripheral and cutaneous T-cell lymphoma	0	0	1	1	3	2	1	0	1	2	2	4	2	3	1	2	2	27
C85 Other and unspecified types of non-Hodgkin lymphoma	2	0	0	2	5	10	6	3	12	9	26	23	31	48	41	29	37	284
C88 Immunoproliferative disease	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	3
C90 Multiple myeloma	0	0	0	0	0	0	0	2	1	1	14	25	32	36	40	30	26	207
C91 Lymphoid leukaemia	0	37	41	14	20	7	7	13	4	10	7	6	8	7	13	3	9	206
C92 Myeloid leukaemia	0	3	4	5	9	12	10	12	14	13	24	17	20	23	25	11	23	225
C93 Monocytic leukaemia	0	3	1	0	2	0	0	0	0	1	0	0	0	1	2	1	1	12
C94 Other leukaemias of specified cell type	0	1	0	0	1	0	0	0	0	0	1	1	2	1	0	0	0	7
C95 Leukaemia of unspecified cell type	0	0	0	1	2	1	1	4	0	0	1	0	1	0	5	0	0	16
C96 Other and unspecified lymphoid, haematopoietic and related tissue	0	6	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	10
D45 and D47 Myeloproliferative disorders	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	4
C46 Myelodysplastic syndrome	0	1	0	0	0	0	0	1	0	0	1	0	1	5	1	4	3	17
Total	29	117	97	76	96	116	118	226	263	465	787	1289	1575	1914	1823	1490	1540	12021

Table 06: Cancer cases by age group – Female 2014

ICD 10 code and site	Age Group																	Total
	Unkn own	00-04	05-09	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+	
C00 Lip	0	0	0	0	0	0	0	0	0	0	1	1	3	5	1	0	3	14
C01 Base of tongue	0	0	0	0	0	0	0	2	0	1	0	3	2	0	2	3	7	20
C02 Unspecified part of tongue	0	0	0	0	0	0	1	2	5	4	11	18	14	21	14	10	18	118
C03 Gum	0	0	0	0	0	0	0	0	1	0	1	8	7	7	13	8	11	56
C04 Floor of mouth	0	0	0	0	0	0	0	0	0	2	1	1	3	3	3	1	4	18
C05 Palate	0	0	0	0	2	1	0	3	1	5	6	6	5	8	6	6	7	56
C06 Other and unspecified parts of mouth	0	0	0	0	0	1	2	0	2	7	15	24	33	28	46	42	47	247
C07 Parotid gland	0	1	0	0	0	2	2	4	3	5	5	4	5	5	2	3	3	44
C08 Other and unspecified major salivary gland	0	0	0	0	0	0	0	1	0	0	0	3	2	3	3	2	0	14
C09 Tonsil	0	0	0	0	0	0	0	1	0	2	0	2	2	2	2	2	1	14
C10 Oropharynx	0	0	0	0	0	0	0	0	0	0	1	2	2	1	3	6	1	16
C11 Nasopharynx	0	0	0	0	1	3	2	0	0	0	2	0	0	3	0	0	0	11
C12 Pyriform sinus	0	0	0	0	0	0	0	0	0	0	3	4	5	8	6	7	4	37
C13 Hypopharynx	0	0	0	0	0	0	0	0	0	1	1	3	3	10	9	3	5	35
C14 Ill-defined sites of lip, oral cavity and pharynx	0	0	0	0	0	0	0	0	0	0	2	3	1	4	2	6	4	22
C15 Oesophagus	2	0	0	0	1	1	0	2	6	11	35	70	80	132	115	110	147	712
C16 Stomach	0	0	0	1	1	2	1	0	4	10	7	30	30	27	44	29	33	219

ICD 10 code and site	Age Group																	Total	
	Unkn own	00-04	05-09	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+		
C 17	Small intestine	0	0	0	1	0	0	0	1	0	1	4	5	13	5	4	5	1	40
C 18	Colon	2	0	0	1	6	0	7	12	18	29	35	49	69	66	55	55	67	471
C 19	Rectosigmoid junction	0	0	0	0	0	0	1	1	4	3	3	12	10	13	14	5	6	72
C 20	Rectum	0	0	0	0	0	0	2	11	14	24	36	45	65	64	63	45	53	422
C 21	Anus	0	0	0	0	0	0	0	0	0	1	0	3	6	6	9	8	6	39
C 22	Liver	1	3	2	0	0	0	0	3	1	2	0	9	8	14	16	18	10	87
C 23	Gallbladder	0	0	0	0	0	0	0	0	4	1	1	7	5	7	5	5	5	40
C 24	Other and unspecified parts of biliary tract	0	0	0	0	0	0	0	1	1	2	4	11	6	10	5	9	2	51
C 25	Pancreas	1	0	0	0	0	1	0	0	4	5	7	3	10	12	13	7	10	73
C 26	Other and ill-defined digestive organs	0	0	0	0	0	0	0	0	1	0	0	2	2	0	3	1	5	14
C 30	Nasal cavity and middle ear	0	1	0	0	0	0	0	1	2	1	2	2	2	3	0	1	0	15
C 31	Accessory sinuses	0	0	0	0	0	0	0	1	0	1	1	1	2	6	0	2	2	16
C 32	Larynx	0	0	1	0	0	0	0	0	2	1	1	7	7	11	13	6	2	51
C 33	Trachea	0	0	0	0	0	0	1	0	0	0	0	0	2	2	0	1	0	6
C 34	Bronchus and lung	1	1	0	0	0	3	2	4	16	16	26	35	44	62	39	37	33	319
C 37	Thymus	0	0	0	0	0	0	0	0	0	1	3	0	3	0	1	0	1	9
C 38	Heart, mediastinum and pleura	0	1	0	0	0	0	1	0	0	1	1	1	1	4	0	0	1	11
C 40	Bone and articular cartilage of	0	0	3	9	10	1	2	2	0	1	1	4	1	2	0	2	0	38

ICD 10 code and site	Age Group																	Total	
	Unkn own	00-04	05-09	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+		
limbs																			
C 41	Bone and articular cartilage of other and unspecified sites	0	1	0	2	3	0	2	1	1	1	1	2	1	3	2	1	2	23
C 43	Malignant melanoma of skin	0	0	0	0	0	1	1	1	0	0	2	5	4	6	6	6	11	43
C 44	Skin	1	0	0	0	3	0	1	0	2	3	12	30	19	26	23	29	43	192
C 45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	3	
C 47	Peripheral nerves and autonomic nervous system	0	3	0	1	1	0	0	0	1	0	2	4	0	0	0	1	0	13
C 48	Retroperitoneum and peritoneum	0	1	0	0	0	1	0	2	1	0	6	9	1	10	4	6	0	41
C 49	Connective and soft tissue	1	8	5	1	2	4	4	4	8	11	10	7	11	12	8	4	6	106
C 50	Breast	6	0	0	0	0	10	28	84	183	325	443	506	494	445	343	225	199	3291
C 51	Vulva	0	0	0	0	0	0	2	2	0	2	1	3	8	4	4	2	16	44
C 52	Vagina	0	1	0	0	1	0	0	0	2	0	4	6	7	8	9	6	18	62
C 53	Cervix uteri	0	0	0	0	0	0	4	8	35	66	128	168	165	170	134	98	114	1090
C 54	Corpus uteri	0	0	0	0	0	0	1	11	7	16	21	75	123	124	94	60	30	562
C 55	Uterus unspecified	0	0	0	0	0	0	0	1	0	8	9	19	10	18	17	9	7	98
C 56	Ovary	0	2	2	5	12	20	19	33	28	69	96	161	154	129	96	71	54	951
C 57	Other and unspecified female genital organs	1	0	0	0	0	0	0	0	0	2	5	9	5	3	2	2	1	30

ICD 10 code and site	Age Group																	Total	
	Unkn own	00-04	05-09	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+		
C 58	Placenta	0	0	0	0	0	1	2	3	1	1	1	1	0	0	0	0	0	10
C 64	Kidney	0	12	2	0	1	0	0	1	2	6	4	8	10	8	7	10	7	78
C 65	Renal pelvis	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
C 66	Ureter	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	4
C 67	Bladder	0	1	0	0	0	0	2	0	1	4	5	7	13	17	19	15	24	108
C 69	Eye and adnexa	0	18	1	0	0	0	0	0	0	0	1	1	3	2	1	1	1	29
C 70	Meninges	0	1	0	0	1	0	0	3	0	6	6	1	3	4	2	1	1	29
C 71	Brain	0	4	10	10	5	6	4	12	5	7	10	12	14	11	4	8	3	125
C 72	Other parts of central nervous system	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	2	7
C 73	Thyroid	5	0	2	10	39	63	118	198	209	203	139	150	73	84	50	55	34	143 2
C 74	Adrenal gland	0	9	0	0	0	0	0	0	0	0	2	1	1	1	0	0	1	15
C 75	Other endocrine gland and related structure	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	3
C 76	Other and ill-defined site	1	3	1	0	0	0	1	1	2	5	2	4	2	4	1	4	7	38
C 80	Unknown primary	3	1	1	0	1	0	1	11	10	19	33	60	47	83	69	57	57	453
C 81	Hodgkin disease	0	0	0	2	8	13	10	4	6	3	4	5	5	5	3	1	5	74
C 82	Follicular(no dular) non- Hodgkin lymphoma	0	0	0	0	0	0	1	0	0	3	0	4	0	4	4	3	1	20
C 83	Diffuse non- Hodhkin lymphoma	0	2	1	2	2	2	1	0	2	3	13	4	7	10	9	9	7	74

ICD 10 code and site	Age Group																	Total	
	Unkn own	00-04	05-09	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+		
C 84	Peripheral and cutaneous T-cell lymphoma	0	0	0	0	2	0	2	2	1	2	3	1	2	2	0	2	3	22
C 85	Other and unspecified types of non-Hodgkin lymphoma	0	0	1	0	5	5	13	2	9	8	23	18	11	36	31	25	22	209
C 88	Immunoproliferative disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
C 90	Multiple myeloma	0	0	0	0	0	0	0	0	1	4	12	29	27	36	28	26	22	185
C 91	Lymphoid leukaemia	0	29	16	15	5	2	0	2	2	8	2	7	4	7	4	5	8	116
C 92	Myeloid leukaemia	0	5	1	3	6	5	8	12	14	11	20	19	14	19	16	15	16	184
C 93	Monocytic leukaemia	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	1	1	6
C 94	Other leukaemias of specified cell type	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2	0	4
C 95	Leukaemia of unspecified cell type	0	1	0	0	1	0	0	0	0	1	0	1	2	1	1	0	0	8
C 96	Other and unspecified lymphoid, haematopoietic and related tissue	0	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	6
D 45 and D 47	Myeloproliferative disorders	0	0	0	0	0	0	0	0	1	0	0	2	0	2	0	0	1	6
C 46	Myelodysplastic syndrome	0	0	0	1	0	0	0	2	0	0	1	2	1	4	5	3	6	25
Total		25	113	51	67	122	149	250	452	625	936	1237	1723	1696	1855	1509	1209	1231	13250

Table 7 Number of incidence cancers by five-year age group and site among Males in Sri Lanka, 2014

Sri Lanka Cancer Registry 2014																				
Cases by age group (Period) - Male																				
SITE	ALL AGES	AGE UNK	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	(%)	ICD (10th)
Lip	70	1	-	-	-	-	-	-	2	6	4	13	9	11	8	9	7	0.6	C00	
Tongue	652	0	-	-	-	-	1	1	7	16	43	83	106	106	101	83	51	54	5.5	C01-02
Mouth	1201	1	-	1	1	-	-	3	9	12	58	94	144	188	191	185	143	171	10.2	C03-06
Salivary glands	108	1	-	-	7	2	2	1	8	7	9	5	13	11	8	12	9	13	0.9	C07-08
Tonsil	182	0	-	-	-	-	1	-	-	-	10	20	46	22	28	20	17	18	1.5	C09
Other oropharynx	132	0	-	-	-	-	-	1	-	5	8	11	20	29	15	20	19	4	1.1	C10
Nasopharynx	36	0	-	-	-	-	1	1	-	-	1	3	7	3	3	7	8	2	0.3	C11
Hypopharynx	271	0	-	-	-	-	-	-	-	3	11	19	36	42	52	33	35	40	2.3	C12-13
Pharynx unspecified	78	0	-	-	-	-	-	-	-	-	3	7	10	19	10	8	7	14	0.7	C14
Oesophagus	903	3	-	-	-	-	-	-	5	9	19	55	103	147	147	160	132	123	7.7	C15
Stomach	385	2	-	-	-	-	1	-	1	6	6	20	52	66	63	68	62	38	3.3	C16
Small intestine	40	0	-	-	-	-	-	-	-	2	-	3	5	4	11	6	3	6	0.3	C17
Colon	356	0	-	-	1	3	1	4	9	10	16	25	39	40	60	53	50	45	3.0	C18
Rectum	444	2	-	-	-	-	1	3	9	10	19	20	27	60	80	70	72	71	3.8	C19-20
Anus	60	0	-	-	-	-	-	-	-	1	2	1	7	5	8	10	13	13	0.5	C21
Liver	247	4	7	1	-	1	-	-	3	2	1	12	24	27	44	44	45	32	2.1	C22
Gallbladder etc.	76	0	-	-	-	-	-	1	2	1	1	9	11	13	12	12	9	5	0.6	C23-24
Pancreas	86	0	-	-	-	-	1	1	1	1	3	7	17	7	22	10	8	8	0.7	C25
Nose, sinuses etc.	82	0	2	1	-	1	1	1	-	4	4	5	10	7	11	18	12	5	0.7	C30-31
Larynx	571	0	-	-	-	-	1	-	5	7	7	35	67	90	121	92	82	64	4.9	C32
Trachea, bronchus and lung	1156	3	-	-	-	-	2	5	4	11	28	59	116	187	239	236	145	121	9.8	C33-34
Other thoracic organs	34	0	1	1	2	1	1	2	6	1	1	2	3	5	2	4	1	1	0.3	C37-38
Bone	85	0	2	4	18	12	9	3	7	1	3	4	3	3	6	4	2	4	0.7	C40-41
Melanoma of skin	54	0	-	-	1	1	-	-	2	3	-	7	3	6	9	8	5	9	0.5	C43
Other skin	257	0	1	1	-	-	3	3	4	11	12	20	28	35	45	27	30	37	2.2	C44
Mesothelioma	6	0	-	-	-	-	-	-	1	-	-	-	2	-	1	1	-	1	0.1	C45
Kaposi sarcoma	1	0	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	0.0	C46
Connective and soft tissue	117	0	2	3	3	5	4	4	11	5	9	10	14	12	10	6	11	8	1.0	C47,C49
Breast	69	1	-	-	-	-	-	1	-	3	6	5	8	8	9	8	10	10	0.6	C50
Penis	97	0	-	-	-	-	-	-	3	2	8	8	13	14	14	12	9	14	0.8	C60
Prostate	791	2	-	-	-	-	-	-	1	2	1	4	20	56	113	166	176	250	6.7	C61
Testis	54	0	8	2	-	2	4	10	7	4	5	1	2	2	5	1	-	1	0.5	C62
Other male genital organs	11	0	-	-	-	-	-	-	-	-	-	1	1	1	2	2	3	1	0.1	C63
Kidney	217	0	8	1	1	1	-	2	6	13	12	12	25	31	37	29	23	16	1.8	C64
Renal pelvis	4	0	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	0.0	C65
Ureter	1	0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	0.0	C66
Bladder	442	1	-	-	-	-	1	2	1	8	10	21	38	59	79	80	65	77	3.8	C67
Other urinary organs	4	0	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	0.0	C68
Eye	23	0	13	2	-	-	-	-	2	1	-	1	-	-	1	-	-	3	0.2	C69
Brain, nervous system	217	1	9	16	8	4	5	5	19	14	24	15	25	17	23	13	12	7	1.8	C70-72
Thyroid	310	0	-	-	1	10	22	19	33	36	32	29	27	28	26	16	15	16	2.6	C73
Adrenal gland	14	0	3	3	1	-	1	1	-	-	-	-	-	1	2	2	-	-	0.1	C74
Other endocrine	4	0	-	-	1	1	1	-	-	-	-	-	-	-	1	-	-	-	0.0	C75
Hodgkin disease	104	0	2	2	1	3	17	7	9	4	10	6	11	2	11	6	5	8	0.9	C81
Non-Hodgkin lymphoma	479	2	12	9	9	11	13	10	12	17	21	36	45	45	76	61	44	56	4.1	C82-85,C96
Immunoproliferative diseases	3	0	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	0.0	C88
Multiple myeloma	207	0	-	-	-	-	-	-	2	1	1	14	25	32	36	40	30	26	1.8	C90
Lymphoid leukaemia	206	0	37	41	14	20	7	7	13	4	10	7	6	8	7	13	3	9	1.8	C91
Myeloid leukaemia	244	0	7	5	5	12	12	10	12	14	14	25	18	22	25	27	12	24	2.1	C92-94
Leukaemia unspecified	16	0	-	-	1	2	1	1	4	-	-	1	-	1	-	5	-	-	0.1	C95
Myeloproliferative disorders	4	0	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1	-	0.0	MPD
Myelodysplastic syndromes	17	0	1	-	-	-	-	-	1	-	-	1	-	1	5	1	4	3	0.1	MDS
Other and unspecified	793	5	2	4	1	4	2	9	8	8	31	59	97	103	126	134	98	102	6.7	O&U
All sites	12021	29	117	97	76	96	116	118	226	263	465	787	1289	1575	1914	1823	1490	1540		ALL
All sites but C44	11764	29	116	96	76	96	113	115	222	252	453	767	1261	1540	1869	1796	1460	1503	100.0	ALLBC44

Table 8 Number of incidence cancers by five-year age group and site among Females in Sri Lanka,2014

Sri Lanka Cancer Registry 2014																					
Cases by age group (Period) - Female																					
SITE	ALL AGES	AGE UNK	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	(%)	ICD (10th)	
Lip	14	0	-	-	-	-	-	-	-	-	-	1	1	3	5	1	-	3	0.1	C00	
Tongue	138	0	-	-	-	-	-	1	4	5	5	11	21	16	21	16	13	25	1.1	C01-02	
Mouth	377	0	-	-	2	2	2	3	4	14	23	39	48	46	68	57	69	2.9	C03-06		
Salivary glands	58	0	1	-	-	-	2	2	5	3	5	5	7	7	8	5	5	3	0.4	C07-08	
Tonsil	14	0	-	-	-	-	-	-	1	-	2	-	2	2	2	2	1	1	0.1	C09	
Other oropharynx	16	0	-	-	-	-	-	-	-	-	-	1	2	2	1	3	6	1	0.1	C10	
Nasopharynx	11	0	-	-	-	1	3	2	-	-	-	2	-	-	3	-	-	-	0.1	C11	
Hypopharynx	72	0	-	-	-	-	-	-	-	-	1	4	7	8	18	15	10	9	0.6	C12-13	
Pharynx unspecified	22	0	-	-	-	-	-	-	-	-	-	2	3	1	4	2	6	4	0.2	C14	
Oesophagus	712	2	-	-	-	-	-	-	2	6	11	35	71	80	133	115	110	147	5.5	C15	
Stomach	219	0	-	-	1	2	1	1	4	10	7	30	30	27	44	29	33	33	1.7	C16	
Small intestine	40	0	-	-	1	-	-	-	1	-	1	4	5	13	5	4	5	1	0.3	C17	
Colon	471	2	-	-	1	6	-	7	12	18	29	35	49	69	66	55	55	67	3.6	C18	
Rectum	494	0	-	-	-	-	-	3	12	18	27	39	57	75	77	77	50	59	3.8	C19-20	
Anus	39	0	-	-	-	-	-	-	-	-	1	-	3	6	6	9	8	6	0.3	C21	
Liver	87	1	3	2	-	-	-	-	3	1	2	-	9	8	14	16	18	10	0.7	C22	
Gallbladder etc.	91	0	-	-	-	-	-	-	1	5	3	5	18	11	17	10	14	7	0.7	C23-24	
Pancreas	73	1	-	-	-	-	1	-	-	4	5	7	3	10	12	13	7	10	0.6	C25	
Nose, sinuses etc.	31	0	1	-	-	-	-	-	2	2	2	3	3	4	9	-	3	2	0.2	C30-31	
Larynx	51	0	-	1	-	-	-	-	2	2	1	1	7	7	11	13	6	2	0.4	C32	
Trachea, bronchus and lung	325	1	1	-	-	-	3	3	4	16	16	26	35	46	64	39	38	33	2.5	C33-34	
Other thoracic organs	20	0	1	-	-	-	-	1	-	-	2	4	1	4	4	1	-	2	0.2	C37-38	
Bone	61	0	1	3	11	13	1	4	3	1	2	2	6	2	5	2	3	2	0.5	C40-41	
Melanoma of skin	43	0	-	-	-	-	1	1	1	-	-	2	5	4	6	6	6	11	0.3	C43	
Other skin	192	1	-	-	-	3	-	1	-	2	3	12	30	19	26	23	29	43	1.5	C44	
Mesothelioma	3	0	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	0.0	C45	
Kaposi sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C46	
Connective and soft tissue	119	1	11	5	2	3	4	4	4	9	11	12	11	11	12	8	5	6	0.9	C47,C49	
Breast	3291	6	-	-	-	-	10	28	84	183	325	443	506	494	445	343	225	199	25.2	C50	
Vulva	44	0	-	-	-	-	-	2	2	-	2	1	3	8	4	4	2	16	0.3	C51	
Vagina	62	0	1	-	-	1	-	-	-	2	-	4	6	7	8	9	6	18	0.5	C52	
Cervix uteri	1090	0	-	-	-	-	-	4	8	35	66	128	168	165	170	134	98	114	8.3	C53	
Corpus uteri	562	0	-	-	-	-	-	1	11	7	16	21	75	123	124	94	60	30	4.3	C54	
Uterus unspecified	98	0	-	-	-	-	-	-	1	-	8	9	19	10	18	17	9	7	0.8	C55	
Ovary	951	0	2	2	5	12	20	19	33	28	69	96	161	154	129	96	71	54	7.3	C56	
Other female genital organs	30	1	-	-	-	-	-	-	-	-	2	5	9	5	3	2	2	1	0.2	C57	
Placenta	10	0	-	-	-	-	1	2	3	1	1	1	1	-	-	-	-	-	0.1	C58	
Kidney	78	0	12	2	-	1	-	-	1	2	6	4	8	10	8	7	10	7	0.6	C64	
Renal pelvis	2	0	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	0.0	C65	
Ureter	4	0	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	2	0.0	C66	
Bladder	108	0	1	-	-	-	-	2	-	1	4	5	7	13	17	19	15	24	0.8	C67	
Other urinary organs	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C68	
Eye	29	0	18	1	-	-	-	-	-	-	-	1	1	3	2	1	1	1	0.2	C69	
Brain, nervous system	161	0	5	11	12	7	7	4	15	5	13	16	13	17	15	6	9	6	1.2	C70-72	
Thyroid	1432	5	-	2	10	39	63	118	198	209	203	139	150	73	84	50	55	34	11.0	C73	
Adrenal gland	15	0	9	-	-	-	-	-	-	-	-	2	1	1	1	-	-	1	0.1	C74	
Other endocrine	3	0	-	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	0.0	C75	
Hodgkin disease	74	0	-	-	2	8	13	10	4	6	3	4	5	5	5	3	1	5	0.6	C81	
Non-Hodgkin lymphoma	331	0	6	2	3	10	7	17	4	12	16	39	27	20	52	44	39	33	2.5	C82-85,C96	
Immunoproliferative diseases	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	0.0	C88	
Multiple myeloma	185	0	-	-	-	-	-	-	-	1	4	12	29	27	36	28	26	22	1.4	C90	
Lymphoid leukaemia	116	0	29	16	15	5	2	-	2	2	8	2	7	4	7	4	5	8	0.9	C91	
Myeloid leukaemia	194	0	5	1	3	7	5	9	12	15	12	20	21	14	19	16	18	17	1.5	C92-94	
Leukaemia unspecified	8	0	1	-	-	1	-	-	-	-	1	-	1	2	1	1	-	-	0.1	C95	
Myeloproliferative disorders	6	0	-	-	-	-	-	-	-	1	-	-	2	-	2	-	-	1	0.0	MPD	
Myelodysplastic syndromes	25	0	-	-	1	-	-	-	2	-	-	1	2	1	4	5	3	6	0.2	MDS	
Other and unspecified	546	4	5	2	-	1	1	2	14	14	24	41	75	52	97	77	68	69	4.2	O&U	
All sites	13250	25	113	51	66	121	148	250	453	625	936	1237	1724	1696	1856	1509	1209	1231		ALL	
All sites but C44	13058	24	113	51	66	118	148	249	453	623	933	1225	1694	1677	1830	1486	1180	1188	100.0	ALLbC44	

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Table 9 Age specific incidence rate, Crude incidence rate, Age standardized incidence rate per 100,000 population & Cumulative risk of cancers by five-year age group and site among Males in Sri Lanka, 2014

Sri Lanka Cancer Registry 2014 Incidence per 100,000 by age group (Period) - Male																			CRUDE RATE	CUM RATE (%)	CUM 0-64	CUM 0-74	ASR	ICD (10th)
SITE	ALL AGES	AGE UNK	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+						
Lip	70	1	-	-	-	-	-	-	0.3	0.9	0.6	2.2	1.8	2.5	2.8	4.9	3.1	0.7	0.6	0.04	0.08	0.6	C00	
Tongue	652	0	-	-	-	-	0.1	0.1	0.9	2.3	6.4	13.2	17.9	20.7	23.3	28.7	27.5	6.5	5.5	0.42	0.70	5.9	C01-02	
Mouth	1201	1	-	0.1	0.1	-	-	0.4	1.1	1.7	8.6	14.9	24.3	36.8	44.0	63.9	77.1	11.9	10.2	0.66	1.37	11.0	C03-06	
Salivary glands	108	1	-	-	0.8	0.2	0.3	0.1	1.0	1.0	1.3	0.8	2.2	2.2	1.8	4.1	4.9	1.1	0.9	0.06	0.10	1.0	C07-08	
Tonsil	182	0	-	-	-	-	-	-	0.1	-	-	-	1.5	3.2	7.8	4.3	6.5	1.8	1.5	0.12	0.20	1.7	C09	
Other oropharynx	132	0	-	-	-	-	-	-	0.1	-	-	0.7	1.2	1.7	3.4	5.7	3.5	1.3	1.1	0.08	0.17	1.2	C10	
Nasopharynx	36	0	-	-	-	-	0.1	0.1	-	-	0.1	0.5	1.2	0.6	0.7	2.4	4.3	0.4	0.3	0.02	0.05	0.3	C11	
Hypopharynx	271	0	-	-	-	-	-	-	0.4	1.6	3.0	6.1	8.2	12.0	11.4	18.9	17.5	2.7	2.3	0.16	0.31	2.5	C12-13	
Pharynx unspecified	78	0	-	-	-	-	-	-	-	0.4	1.1	1.7	3.7	2.3	2.8	3.8	6.1	0.8	0.7	0.05	0.08	0.7	C14	
Oesophagus	903	3	-	-	-	-	-	0.6	1.3	2.8	8.7	17.4	28.8	33.9	55.3	71.2	53.7	9.0	7.7	0.47	1.10	8.4	C15	
Stomach	385	2	-	-	-	-	0.1	-	0.1	0.9	0.9	3.2	8.8	12.9	14.5	23.5	33.4	3.8	3.3	0.21	0.49	3.6	C16	
Small intestine	40	0	-	-	-	-	-	-	-	0.3	-	0.5	0.8	0.8	2.5	2.1	1.6	0.4	0.3	0.02	0.04	0.4	C17	
Colon	356	0	-	-	0.1	0.4	0.1	0.5	1.1	1.4	2.4	4.0	6.6	7.8	13.8	18.3	27.0	3.5	3.0	0.19	0.42	3.3	C18	
Rectum	444	2	-	-	-	-	0.1	0.4	1.1	1.4	2.8	3.2	4.6	11.7	18.4	24.2	38.8	4.4	3.8	0.22	0.54	4.1	C19-20	
Anus	60	0	-	-	-	-	-	-	-	0.1	0.3	0.2	1.2	1.0	1.8	3.5	7.0	0.6	0.5	0.02	0.08	0.6	C21	
Liver	247	4	0.8	0.1	-	0.1	-	-	0.4	0.3	0.1	1.9	4.0	5.3	10.1	15.2	24.3	2.5	2.1	0.12	0.32	2.4	C22	
Gallbladder etc.	76	0	-	-	-	-	-	0.1	0.2	0.1	0.1	1.4	1.9	2.5	2.8	4.1	4.9	0.8	0.6	0.05	0.09	0.7	C23-24	
Pancreas	86	0	-	-	-	-	0.1	0.1	0.1	0.1	0.4	1.1	2.9	1.4	5.1	3.5	4.3	0.9	0.7	0.06	0.10	0.8	C25	
Nose, sinuses etc.	82	0	0.2	0.1	-	0.1	0.1	-	0.6	0.6	0.8	1.7	1.4	2.5	6.2	6.5	2.2	0.8	0.7	0.04	0.10	0.8	C30-31	
Larynx	571	0	-	-	-	-	0.1	-	0.6	1.0	1.0	5.5	11.3	17.6	27.9	31.8	44.2	5.7	4.9	0.33	0.71	5.3	C32	
Trachea, bronchus and lung	1156	3	-	-	-	-	0.3	0.7	0.5	1.6	4.1	9.4	19.6	36.6	55.1	81.5	78.2	11.5	9.8	0.64	1.44	10.7	C33-34	
Other thoracic organs	34	0	0.1	0.1	0.2	0.1	0.1	0.3	0.7	0.1	0.1	0.3	0.5	1.0	0.5	1.4	0.5	0.3	0.3	0.02	0.03	0.3	C37-38	
Bone	85	0	0.2	0.4	2.1	1.4	1.2	0.4	0.9	0.1	0.4	0.6	0.5	0.6	1.4	1.4	1.1	0.8	0.7	0.05	0.06	0.8	C40-41	
Melanoma of skin	54	0	-	-	0.1	0.1	-	-	0.2	0.4	-	1.1	0.5	1.2	2.1	2.8	2.7	0.5	0.5	0.03	0.06	0.5	C43	
Other skin	257	0	0.1	0.1	-	-	0.4	0.4	0.5	1.6	1.8	3.2	4.7	6.8	10.4	9.3	16.2	2.6	2.2	0.15	0.28	2.4	C44	
Mesothelioma	6	0	-	-	-	-	-	-	-	0.1	-	-	0.3	-	0.2	0.3	-	0.1	0.1	0.00	0.01	0.1	C45	
Kaposi sarcoma	1	0	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	0.0	0.0	0.00	0.00	0.0	C46	
Connective and soft tissue	117	0	0.2	0.3	0.4	0.6	0.5	0.5	1.4	0.7	1.3	1.6	2.4	2.3	2.1	5.9	3.5	1.2	1.0	0.07	0.11	1.1	C47,C49	
Breast	69	1	-	-	-	-	-	0.1	-	0.4	0.9	0.8	1.3	1.6	2.1	2.8	5.4	0.7	0.6	0.04	0.08	0.6	C50	
Penis	97	0	-	-	-	-	-	0.4	0.3	1.2	1.3	2.2	2.7	3.2	4.1	4.9	6.1	1.0	0.8	0.06	0.10	0.9	C60	
Prostate	791	2	-	-	-	-	-	0.1	0.3	0.1	0.6	3.4	11.0	26.0	57.4	94.9	109.1	7.9	6.7	0.21	0.97	7.5	C61	
Testis	54	0	0.9	0.2	-	0.2	0.5	1.3	0.9	0.6	0.7	0.2	0.3	0.4	1.2	0.3	-	0.5	0.5	0.04	0.04	0.5	C62	
Other male genital organs	11	0	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.5	0.7	1.6	0.4	0.1	0.00	0.02	0.1	C63	
Kidney	217	0	0.9	0.1	0.1	0.1	-	0.3	0.7	1.9	1.8	1.9	4.2	6.1	8.5	10.0	12.4	2.2	1.8	0.13	0.25	2.0	C64	
Renal pelvis	4	0	-	-	-	-	-	-	-	-	-	0.3	-	-	0.2	0.3	-	0.0	0.0	0.00	0.00	0.0	C65	
Ureter	1	0	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	0.0	0.0	0.00	0.00	0.0	C66	
Bladder	442	1	-	-	-	-	0.1	0.3	0.1	1.1	1.5	3.3	6.4	11.5	18.2	27.6	35.0	4.4	3.8	0.21	0.53	4.1	C67	
Other urinary organs	4	0	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.3	-	0.0	0.0	0.00	0.00	0.0	C68	
Eye	23	0	1.4	0.2	-	-	-	-	0.2	0.1	-	0.2	-	-	0.2	-	-	0.2	0.2	0.01	0.01	0.3	C69	
Brain, nervous system	217	1	1.0	1.8	0.9	0.5	0.7	0.7	2.3	2.0	3.6	2.4	4.2	3.3	5.3	4.5	6.5	2.2	1.8	0.14	0.20	2.0	C70-72	
Thyroid	310	0	-	-	0.1	1.2	2.9	2.5	4.1	5.1	4.7	4.6	4.6	5.5	6.0	5.5	8.1	3.1	2.6	0.21	0.27	2.8	C73	
Adrenal gland	14	0	0.3	0.3	0.1	-	0.1	0.1	-	-	-	-	-	-	0.2	0.5	0.7	0.1	0.1	0.01	0.01	0.2	C74	
Other endocrine	4	0	-	-	0.1	0.1	0.1	-	-	-	-	-	-	-	0.2	-	-	0.0	0.0	0.00	0.00	0.0	C75	
Hodgkin disease	104	0	0.2	0.2	0.1	0.4	2.2	0.9	1.1	0.6	1.5	1.0	1.9	0.4	2.5	2.1	2.7	1.0	0.9	0.06	0.09	1.0	C81	
Non-Hodgkin lymphoma	479	2	1.3	1.0	1.1	1.3	1.7	1.3	1.5	2.4	3.1	5.7	7.6	8.8	17.5	21.1	23.7	4.8	4.1	0.27	0.50	4.5	C82-85,C96	
Immunoproliferative diseases	3	0	-	-	-	-	-	-	-	-	0.2	0.1	-	0.2	-	0.2	-	0.0	0.0	0.00	0.00	0.0	C88	
Multiple myeloma	207	0	-	-	-	-	-	0.2	0.1	0.1	2.2	4.2	6.3	8.3	13.8	16.2	11.3	2.1	1.8	0.11	0.26	1.9	C90	
Lymphoid leukaemia	206	0	4.1	4.6	1.7	2.4	0.9	0.9	1.6	0.6	1.5	1.1	1.0	1.6	1.6	4.5	1.6	2.0	1.8	0.12	0.15	2.2	C91	
Myeloid leukaemia	244	0	0.8	0.6	0.6	1.4	1.6	1.3	1.5	2.0	2.1	4.0	3.0	4.3	5.8	9.3	6.5	2.4	2.1	0.14	0.22	2.3	C92-94	
Leukaemia unspecified	16	0	-	-	0.1	0.2	0.1	0.1	0.5	-	-	-	0.2	-	0.2	-	1.7	0.2	0.1	0.01	0.02	0.2	C95	
Myeloproliferative disorders	4	0	-	-	-	-	-	-	-	-	-	-	-	0.2	0.5	-	0.5	0.0	0.0	0.00	0.01	0.0	MPD	
Myelodysplastic syndromes	17	0	0.1	-	-	-	-	-	0.1	-	-	-	0.2	1.2	0.3	2.2	1.3	0.2	0.1	0.01	0.02	0.2	MDS	
Other and unspecified	793	5	0.2	0.4	0.1	0.5	0.3	1.2	1.0	1.1	4.6	9.4	16.4	20.2	29.0	46.3	52.8	7.9	6.7	0.42	0.92	7.4	O&U	
All sites	12021	29	13.0	10.8	9.0	11.5	15.3	15.6	27.8	37.6	68.9	124.8	217.3	308.1	441.0	629.8	803.3	119.5	6.52	13.70	112.0	ALL		
All sites but C44	11764	29	12.9	10.7	9.0	11.5	14.9	15.2	27.3	36.0	67.1	121.6	212.6	301.3	430.6	620.5	787.1	116.9	100.0	6.37	13.42	109.6	ALLbc44	

. Reference population: World Standard Population

Table 11 Childhood cancer incidence data in Sri Lanka (0-19 years) - 2014

Site Group		ICD O - 3 Histology	Male	Female	Total
I	Leukaemias, myeloproliferative diseases, and myelodysplastic diseases				
(a)	Lymphoid leukaemias	9826 Burkitt cell leukemia	3	1	4
		9835 Precursor cell lymphoblastic leukemia, NOS	43	22	65
		9836 Precursor B-cell lymphoblastic leukemia	51	35	86
		9837 Precursor T-cell lymphoblastic leukemia	15	7	22
(b)	Acute myeloid leukaemias	9840 Acute myeloid leukemia, M6 type	1	0	1
		9861 Acute myeloid leukemia, NOS	13	7	20
		9866 Acute promyelocytic leukemia, t(15;17)(q22;q11-	0	2	2
		9872 Acute myeloid leukemia, minimal differentiation	0	1	1
		9874 Acute myeloid leukemia with maturation	4	3	7
		9891 Acute monocytic leukemia	2	1	3
		9910 Acute megakaryoblastic leukemia	1	0	1
(c)	Chronic myeloproliferative diseases	9863 Chronic myeloid leukemia, NOS	3	0	3
		9875 Chronic myelogenous leukaemia, BCR/ABL positive	1	1	2
(d)	Myelodysplastic syndrome and other myeloproliferative diseases	9945 Chronic myelomonocytic leukemia, NOS	2	0	2
		9946 Juvenile myelomonocytic leukemia	2	0	2
		9983 Refractory anemia with excess blasts		1	1
		9989 Myelodysplastic syndrome, NOS	1	0	1
(e)	Unspecified and other specified leukaemias	9800 Leukemia, NOS	2	2	4
		9801 Acute leukemia, NOS	1	0	1
		9930 Myeloid sarcoma	0	1	1
Total			145	84	229
II	Lymphoma and reticuloendothelial neoplasms				
(a)	Hodgkin lymphomas	9650 Hodgkin lymphoma, NOS	4	4	8
		9651 Hodgkin lymphoma, lymphocyte-rich	1	1	2

Table 11 Childhood cancer incidence data in Sri Lanka (0-19 years) - 2014

Site Group	ICD O - 3 Histology	Male	Female	Total
	9652 Hodgkin lymphoma, mixed cellularity, NOS	2	0	2
	9659 Hodgkin lymphoma, nodular lymphocyte predominant	1	0	1
	9663 Hodgkin lymphoma, nodular sclerosis, NOS	0	5	5
(b) Non-Hodgkin lymphomas	9591 Malignant lymphoma, non-Hodgkin, NOS	7	6	13
	9680 Malignant lymphoma, large B-cell, diffuse, NOS	5	0	5
	9690 Follicular lymphoma, NOS	1	0	1
	9700 Mycosis fungoides	0	1	1
	9702 Mature T-cell lymphoma, NOS	1	1	2
	9714 Anaplastic large cell lymphoma, T cell and	4	0	4
	9727 Precursor cell lymphoblastic lymphoma, NOS	5	5	10
	9729 Precursor T-cell lymphoblastic lymphoma	3	1	4
(c) Burkitt lymphoma	9687 Burkitt lymphoma, NOS	6	1	7
(d) Miscellaneous lymphoreticular neoplasms	9750 Malignant histiocytosis	2	0	2
	9754 Langerhans cell histiocytosis, disseminated	7	6	13
Total		49	31	80
III	CNS and miscellaneous intracranial and intraspinal neoplasms			
(a) Ependymomas and choroid plexus tumours	9391 Ependymoma, NOS	1	3	4
	9392 Ependymoma, anaplastic	1	0	1
(b) Astrocytomas	9380 Glioma, malignant	0	2	2
	9400 Astrocytoma, NOS	7	8	15
	9411 Gemistocytic astrocytoma	0	1	1
	9420 Fibrillary astrocytoma	3	1	4
	9440 Glioblastoma, NOS	2	2	4
	9441 Giant cell glioblastoma	0	1	1
(c) Intracranial and intraspinal embryonal tumours	9470 Medulloblastoma, NOS	10	7	17
	9471 Desmoplastic nodular medulloblastoma	2	0	2

Table 11 Childhood cancer incidence data in Sri Lanka (0-19 years) - 2014

Site Group		ICD O - 3 Histology	Male	Female	Total
		9473 Primitive neuroectodermal tumor, NOS	1	0	1
(d)	Other gliomas	9380 Glioma, malignant	4	5	9
		9450 Oligodendroglioma, NOS	2	1	3
		9451 Oligodendroglioma, anaplastic	1	1	2
(e)	Other specified intracranial and intraspinal neoplasms	9530 Meningioma, malignant	0	2	2
(f)	Unspecified intracranial and intraspinal neoplasms	8000 Neoplasm, malignant	1	1	2
Total			35	35	70
IV	Neuroblastoma and other peripheral nervous cell tumours				
(a)	Neuroblastoma and ganglioneuroblastoma	9490 Ganglioneuroblastoma	2	0	2
		9500 Neuroblastoma, NOS	12	14	26
(b)	Other peripheral nervous cell tumours	9522 Olfactory neuroblastoma	1	0	1
Total			15	14	29
V	Retinoblastoma, NOS				
		9510 Retinoblastoma, NOS	14	18	32
Total			14	18	32
VI	Renal tumours				
(a)	Nephroblastoma and other nonepithelial renal tumours	8960 Nephroblastoma, NOS	9	13	22
		8964 Clear cell sarcoma of kidney	1	1	2
(b)	Renal carcinoma	8010 Carcinoma, NOS	0	1	1
Total			10	15	25
VII	Hepatic tumours				
(a)	Hepatoblastoma	8970 Hepatoblastoma	7	3	10
(b)	Hepatic carcinomas	8170 Hepatocellular carcinoma, NOS	1	1	2
Total			8	4	12
VIII	Malignant bone tumours				
(a)	Osteosarcomas	9180 Osteosarcoma, NOS	19	17	36
		9181 Chondroblastic osteosarcoma	1	1	2
		9182 Fibroblastic osteosarcoma	0	1	1
		9186 Central osteosarcoma	1	1	2

Table 11 Childhood cancer incidence data in Sri Lanka (0-19 years) - 2014

Site Group		ICD O - 3 Histology	Male	Female	Total
(b)	Chondrosarcomas	9242 Clear cell chondrosarcoma	0	1	1
(c)	Ewing tumour and related sarcomas of bone	9260 Ewing sarcoma	13	6	19
(d)	Other specified malignant bone tumours	9270 Odontogenic tumor, malignant	1	0	1
(e)	Unspecified malignant bone tumours	8000 Neoplasm, malignant	1	1	2
Total			36	28	64
IX	Soft tissue and other extraosseous sarcomas				
(a)	Rhabdomyosarcomas	8900 Rhabdomyosarcoma, NOS	5	2	7
		8910 Embryonal rhabdomyosarcoma, NOS	5	7	12
		8991 Embryonal sarcoma	1	1	2
(b)	Fibrosarcomas, peripheral nerve sheath tumours, and other fibrous neoplasms	8810 Fibrosarcoma, NOS	0	1	1
		8814 Infantile fibrosarcoma	0	2	2
		9540 Malignant peripheral nerve sheath tumor	0	2	2
		9580 Granular cell tumor, malignant	0	1	1
(d)	Other specified soft tissue sarcomas	8806 Desmoplastic small round cell tumor	2	0	2
		8832 Dermatofibrosarcoma, NOS	1	0	1
		9040 Synovial sarcoma, NOS	1	0	1
		9041 Synovial sarcoma, spindle cell	1	1	2
		9364 Peripheral neuroectodermal tumor	1	0	1
(e)	Unspecified soft tissue sarcomas	8800 Sarcoma, NOS	1	3	4
		8802 Giant cell sarcoma (except of bone)	0	1	1
Total			18	21	39
X	Germ cell tumours, trophoblastic tumours, and neoplasms of gonads				
(a)	Intracranial and intraspinal germ cell tumours	9064 Germinoma	2	0	2
		9080 Teratoma, malignant, NOS	0	1	1
(b)	Malignant extracranial and extragonadal germ cell tumours	9064 Germinoma	1	0	1
		9071 Yolk sac tumor	2	2	4

Table 11 Childhood cancer incidence data in Sri Lanka (0-19 years) - 2014

Site Group		ICD O - 3 Histology	Male	Female	Total
		9085 Mixed germ cell tumor	2	1	3
(c)	Malignant gonadal germ cell tumours	9060 Dysgerminoma	0	5	5
		9064 Germinoma	0	2	2
		9070 Embryonal carcinoma, NOS	0	1	1
		9071 Yolk sac tumor	9	6	15
		9080 Teratoma, malignant, NOS	0	1	1
		9085 Mixed germ cell tumor	2	4	6
(e)	Other and unspecified malignant gonadal tumours	8004 Malignant tumor, spindle cell type	1	0	1
		8620 Granulosa cell tumor, malignant	0	1	1
		8631 Sertoli-Leydig cell tumor, poorly differentiate	0	1	1
Total			19	25	44
XI	Other malignant epithelial neoplasms and malignant melanomas				
(a)	Adrenocortical carcinomas	8370 Adrenal cortical carcinoma	2	1	3
(b)	Thyroid carcinomas	8050 Papillary carcinoma, NOS	1	0	1
		8260 Papillary adenocarcinoma, NOS	7	28	35
		8330 Follicular adenocarcinoma, NOS	0	6	6
		8335 Follicular carcinoma, minimally invasive	0	1	1
		8340 Papillary carcinoma, follicular variant	1	10	11
		8341 Papillary microcarcinoma	1	3	4
		8510 Medullary carcinoma, NOS	0	1	1
(d)	Malignant melanomas	8720 Malignant melanoma, NOS (except juvenile melano	2	0	2
(e)	Skin carcinomas	8070 Squamous cell carcinoma, NOS	0	1	1
		8074 Squamous cell carcinoma, spindle cell	1	0	1
		8090 Basal cell carcinoma, NOS	0	1	1
		8430 Mucoepidermoid carcinoma	0	1	1
(f)	Other and unspecified carcinomas	8010 Carcinoma, NOS	1	0	1
		8041 Small cell carcinoma, NOS	1	0	1
		8070 Squamous cell carcinoma, NOS	1	1	2

Table 11 Childhood cancer incidence data in Sri Lanka (0-19 years) - 2014

Site Group	ICD O - 3 Histology	Male	Female	Total
	8130 Papillary transitional cell carcinoma	0	1	1
	8140 Adenocarcinoma, NOS	1	4	5
	8200 Adenoid cystic carcinoma	0	1	1
	8240 Carcinoid tumor, NOS	0	1	1
	8246 Neuroendocrine carcinoma, NOS	2	4	6
	8430 Mucoepidermoid carcinoma	9	3	12
	8490 Signet ring cell carcinoma	1	0	1
Total		31	68	99
XII	Other and unspecified malignant neoplasms			
(a)	Other specified malignant tumours			
	8973 Pleuropulmonary blastoma	0	1	1
(b)	Other unspecified malignant tumours			
	8000 Neoplasm, malignant	5	7	12
	8004 Malignant tumor, spindle cell type	1	0	1
Total		6	8	14

Cancer Mortality Data of Sri Lanka

Mortality data due to cancers were obtained through;

- (i) Annual Health Bulletin based on Indoor Morbidity Mortality Return (IMMR) from the hospital statistics and
- (ii) Department of Census & Statistics website based on data derived from the vital registration system of Sri Lanka

Table 12 Deaths due to cancers in hospitals in Sri Lanka, 2005 - 2014

Year	No. of hospital deaths due to cancers	Crude hospital annual death rate due to cancers per 100,000 population	Proportionate Mortality Ratio (PMR) out of all hospital deaths
2005	2753	14.0	8.3
2006	3241	16.3	9.9
2007	3498	17.5	10.1
2008	3485	17.2	9.8
2009	3774	18.5	10.0
2010	4449	21.5	11.1
2011	4631	22.2	11.8
2012	4519	22.2	11.6
2013	4539	22.2	11.2
2014	4995	24.0	11.7

Sources: Annual Health Bulletin 2005 to 2014

Table 13 Deaths due to cancers out of all registered deaths in hospitals & field in Sri Lanka, 2001 – 2014

Year	Population	Cancer deaths		
		No.	CR	PMR (%)
2001	18,797,000	8,063	42.9	7.1
2002	18,921,000	7,986	42.2	7.1
2003	19,173,000	8,396	43.8	7.3
2004	19,435,000	9,127	47.0	7.9
2005	19,644,000	9,403	47.9	7.1
2006	19,958,000	10,386	52.3	8.8
2007	20,039,000	10,631	53.1	8.9
2008*	20,246,000			
2009	20,450,000	11,286	55.2	8.8
2010	20,653,000	11,836	57.3	9.1
2011	20,892,000	12,267	58.7	10.0
2012	20,359,439	12,581	61.8	10.2
2013	20,585,041	12,954	62.9	10.2
2014	20,777,595	13,514	65.0	10.5

Source: Department of Census & Statistics, Sri Lanka

* Not published

CR-Crude annual death rate due to cancers per 100,000 population

PMR – Proportionate Mortality Ratio out of total deaths

Table 14 Proportion of deaths due to cancers occurred at the hospitals out of total cancer deaths

Year	Total cancer deaths	Hospital cancer deaths	% of hospital cancer deaths
2010	11836	4449	37.6
2011	12267	4631	37.8
2012	12581	4519	35.9
2013	12954	4539	35.0
2014	13514	4995	37.0

Table 15 Deaths due to cancers by sex out of all registered deaths in hospitals & field in Sri Lanka, 2001 – 2014

Year	Male			Female		
	No.	CR	ASR	No.	CR	ASR
2001	4375	46.7	52.1	3688	39.1	39.9
2002	4350	46.5	51.2	3636	37.9	38.6
2003	4614	48.7	53.6	3782	38.9	39.6
2004	4942	57.1	57.3	4185	42.9	44.0
2005	4983	50.9	57.0	4420	44.8	45.8
2006	5644	57.1	63.6	4742	47.6	48.7
2007	5827	58.5	65.4	4804	47.6	48.8
2008*						
2009	6105	60.2	67.6	5181	50.3	52.0
2010	6438	62.8	70.9	5398	51.9	53.5
2011	6641	64.0	72.5	5626	53.5	55.3
2012	6908	70.1	65.5	5673	54.0	44.4
2013	7166	71.9	67.4	5788	54.5	44.9
2014	7459	74.2	69.5	6055	56.5	46.5

Source: Department of Census & Statistics, Sri Lanka

* Not published

CR-Crude annual death rate due to cancers per 100,000 population

ASR – Age standardized annual death rate due to cancers per 100,000 population

Source: Department of Census & Statistics, Sri Lanka

* Not published

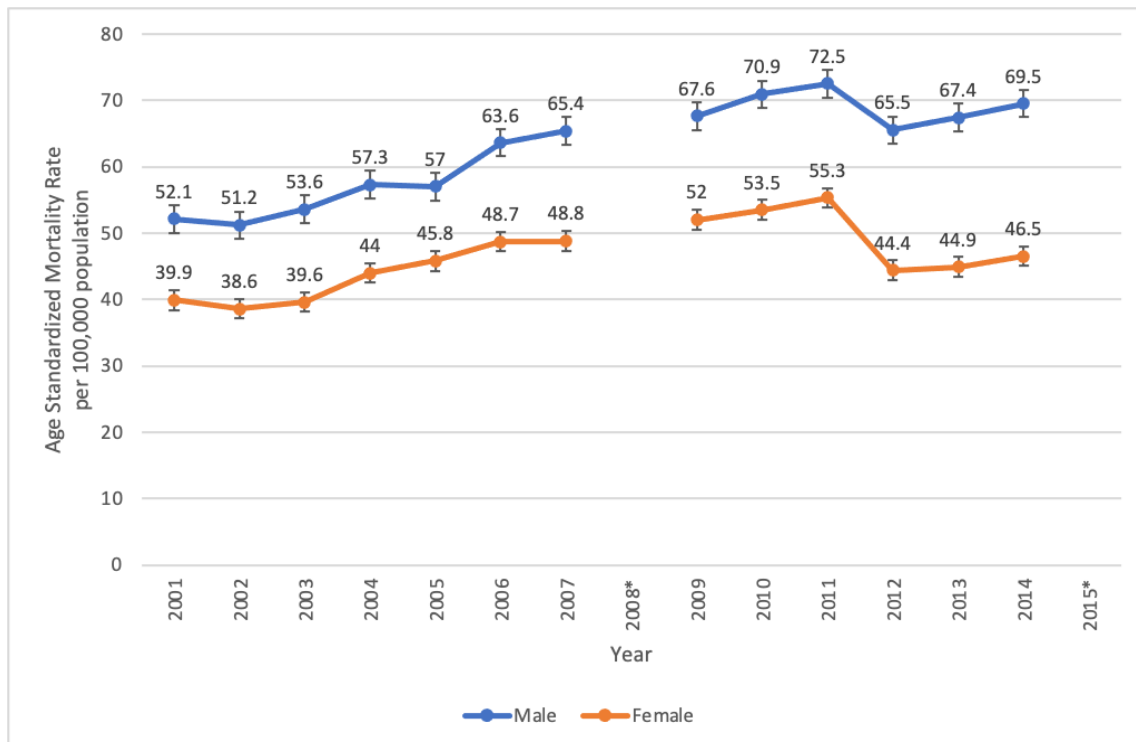


Figure : 8 Age standardized cancer mortality rates in Sri Lanka, 2001 -2015

Table 16 Leading sites (ICD-10) of cancer mortality – Male Sri Lanka 2014

Type of Cancer	No	%	CR	ASR
1-034 Malignant neoplasm of trachea, bronchus and lung	902	12.6	9.1	8.5
1-027 Malignant neoplasm of lip, oral cavity and pharynx	863	12.0	8.7	8.1
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	491	6.9	4.9	4.7
1-028 Malignant neoplasm of oesophagus C15	371	5.2	3.7	3.4
1-045 Leukaemia C91-C95	314	4.4	3.2	3.1
1-029 Malignant neoplasm of stomach C16	272	3.8	2.7	2.5
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	251	3.5	2.5	2.4
1-030 Malignant neoplasm of colon, rectum and anus C18-C21	205	2.9	2.1	1.9
1-040 Malignant neoplasm of Prostate C61	159	2.2	1.6	1.5
1-043 Non-Hodgkins lymphoma C82-C85	154	2.1	1.5	1.4
1-026 Neoplasms C00-D48	7166	100.0	71.9	67.4

Table 17 Leading sites (ICD-10) of cancer mortality – Female Sri Lanka 2014

Type of Cancer	No	%	CR	ASR
1-036 Malignant neoplasm of breast	688	11.9	6.5	5.3
1-034 Malignant neoplasm of trachea, bronchus and lung	331	5.7	3.1	2.6
1-038 Malignant neoplasm of other and unspecified parts of uterus	294	5.1	2.8	2.2
1-027 Malignant neoplasm of lip, oral cavity and pharynx	289	5.0	2.7	2.1
1-045 Leukaemia C91-C95	284	4.9	2.7	2.4
1-028 Malignant neoplasm of oesophagus C15	242	4.2	2.3	1.9
1-029 Malignant neoplasm of stomach C16	234	4.0	2.2	1.8
1-042 Malignant neoplasm of meninges, brain and other parts of central nervous system	220	3.8	2.1	1.8
1-039 Malignant neoplasm of ovary C56	213	3.7	2.0	1.7
1-031 Malignant neoplasm of liver and intrahepatic bile ducts	207	3.6	1.9	1.6
1-030 Malignant neoplasm of colon, rectum and anus C18-C21	167	2.9	1.6	1.3
1-026 Neoplasms C00-D48	5788	100.0	54.5	44.9

Leading cancer mortality rates , 2010-2014

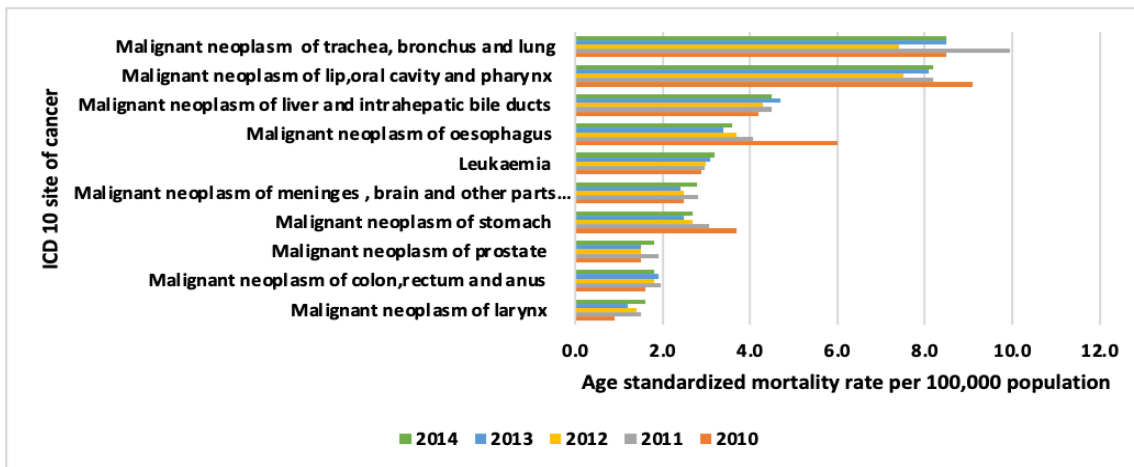


Figure : 9 Age standardized leading cancer mortality rates in males in Sri Lanka, 2010 – 2014

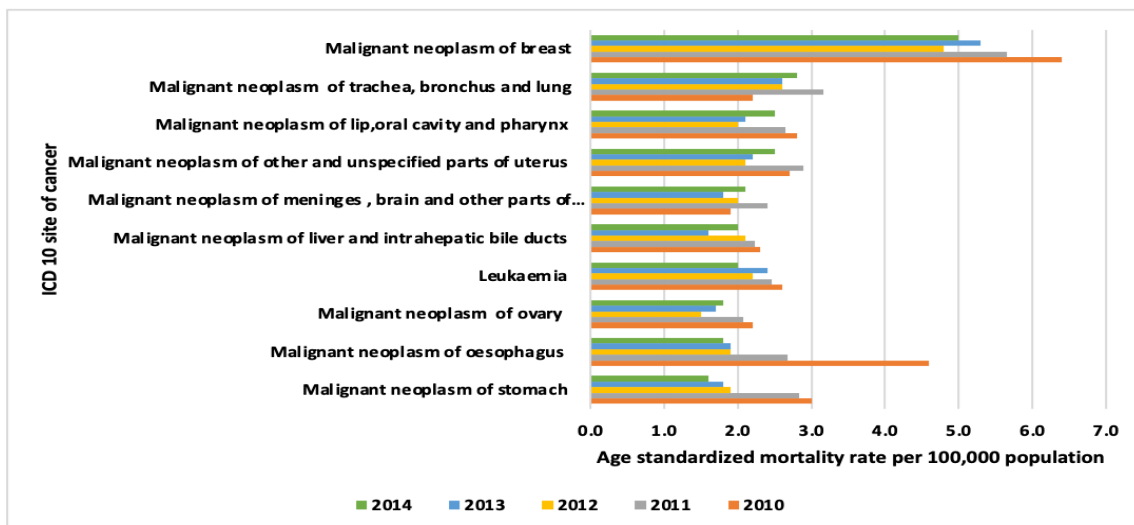


Figure : 10 Age standardized leading cancer mortality rates in females in Sri Lanka, 2010 – 2014

Mortality trends of leading cancers, 2010-2014

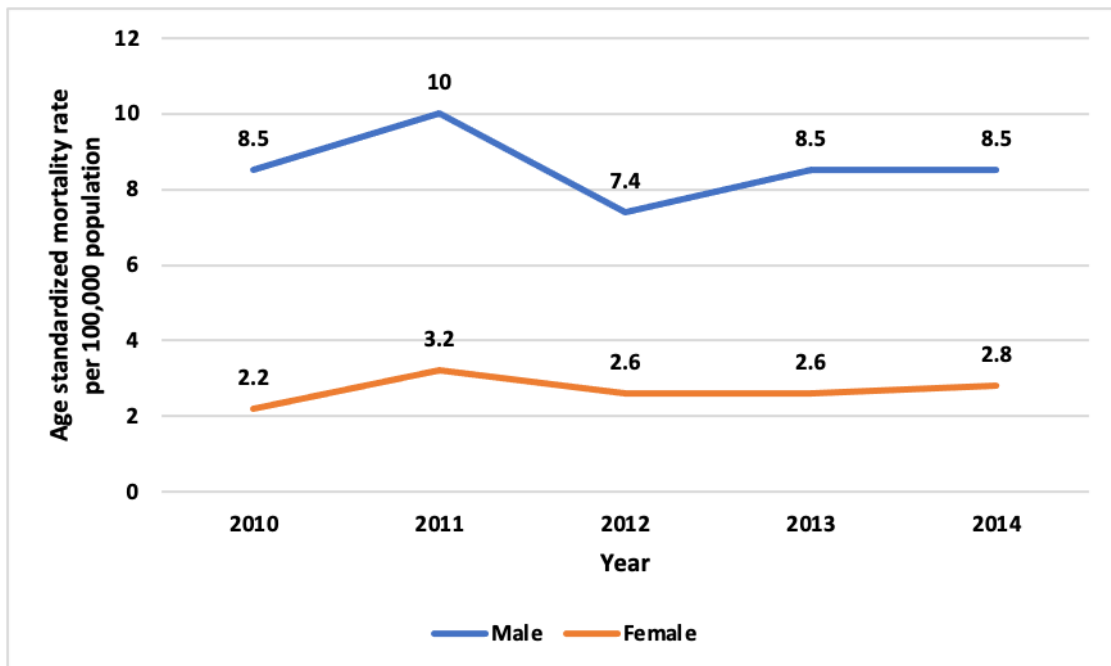


Figure : 11 Age standardized Trachea, bronchus & lung cancer mortality rates of Sri Lanka, 2010 – 2014

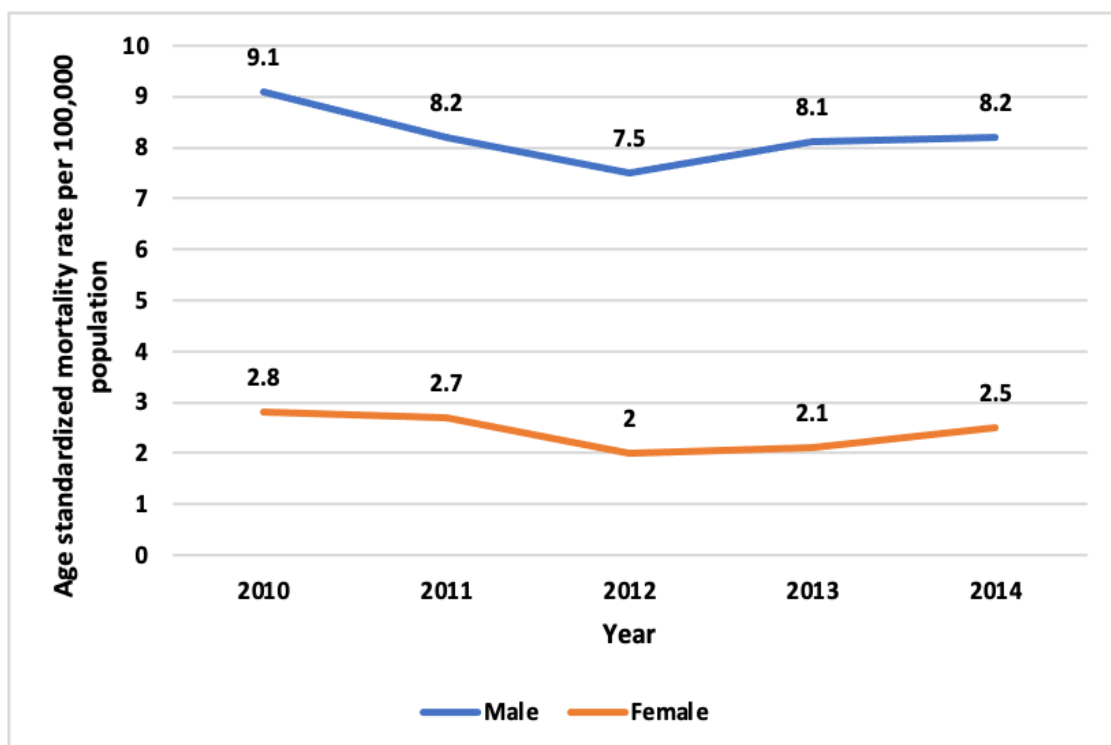


Figure : 12 Age standardized Lip, oral cavity & pharyngeal cancer mortality Rates of Sri Lanka, 2010 – 2014

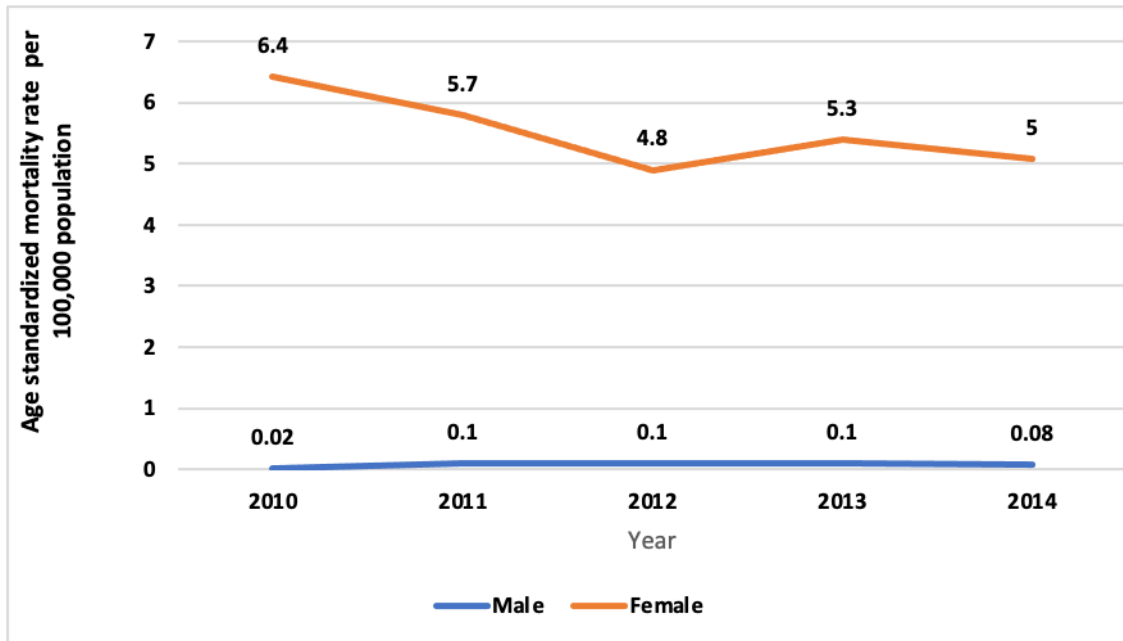


Figure : 13 Age standardized Breast cancer mortality rates of Sri Lanka, 2010 – 2014

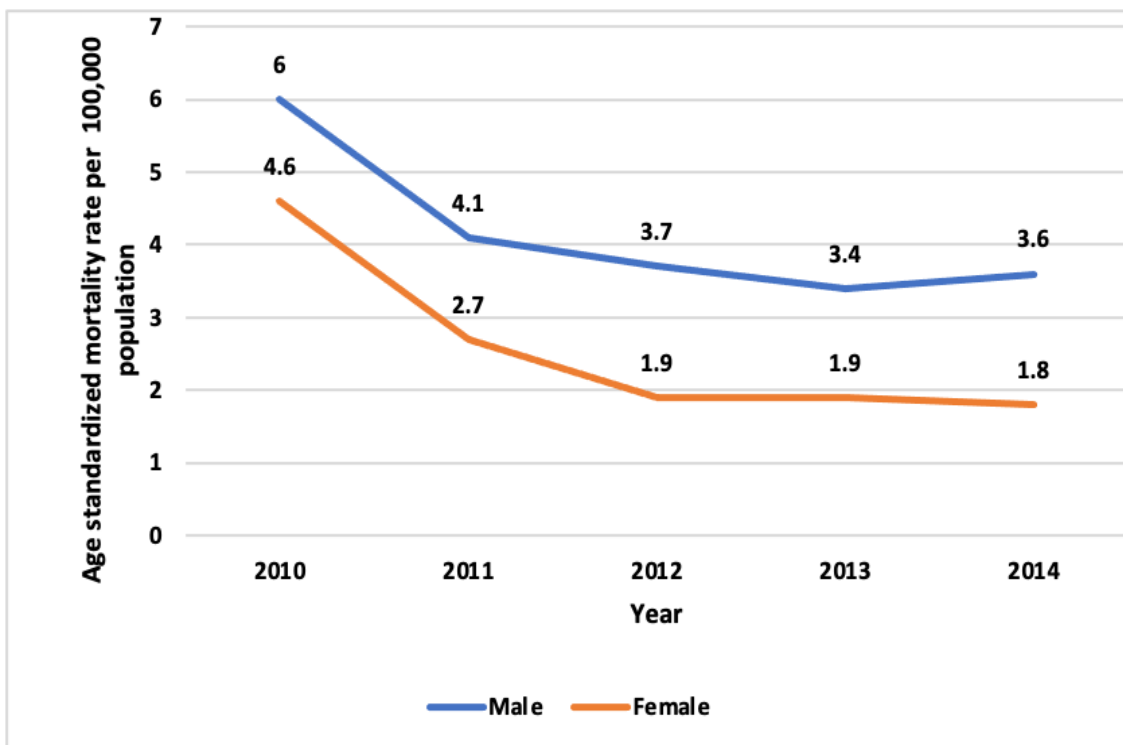


Figure : 14 Age standardized Oesophageal cancer mortality rates of Sri Lanka, 2010 – 2014

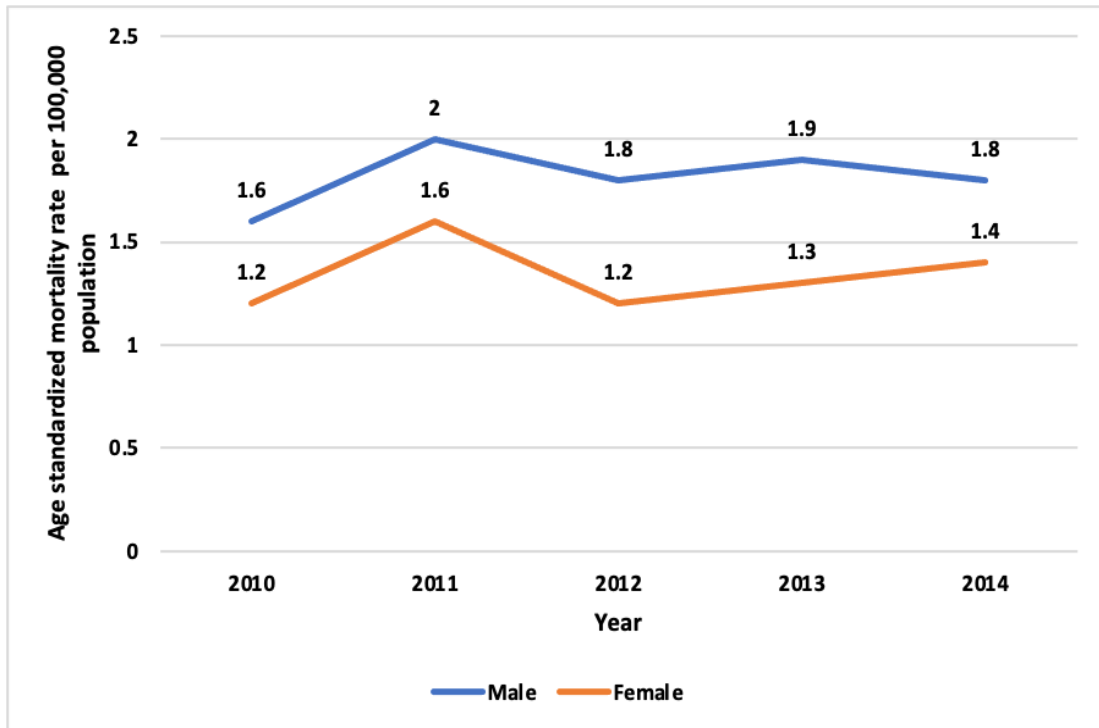


Figure : 15 Age standardized Colon, rectal and anal cancer mortality rates of Sri Lanka, 2010 – 2014

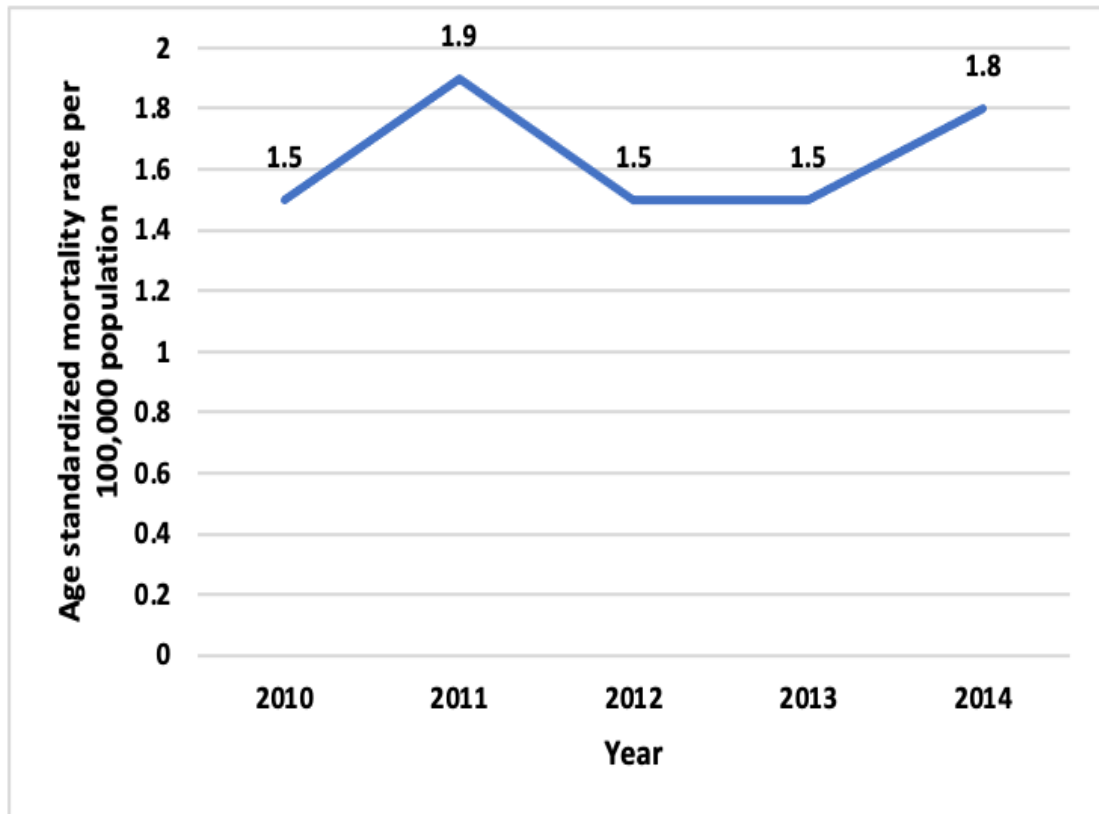


Figure : 16 Age standardized Prostate cancer mortality rates of Sri Lanka, 2010 – 2014

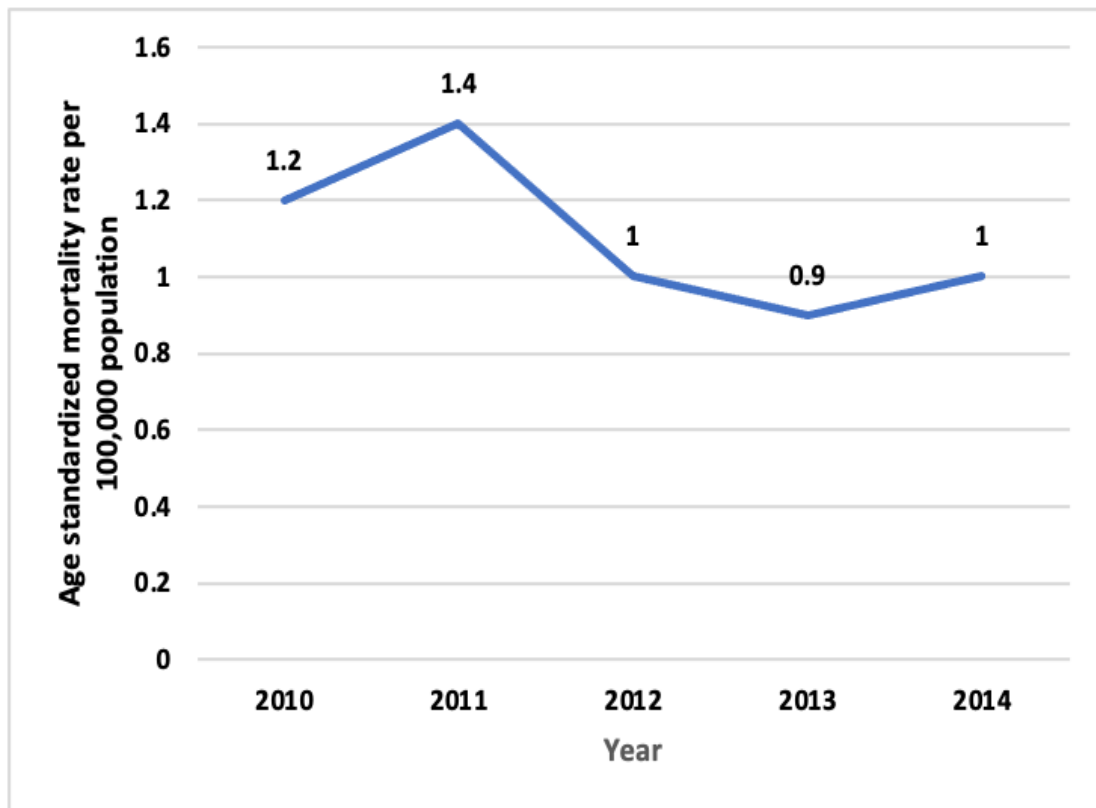


Figure : 17 Age standardized Cervical cancer mortality rates of Sri Lanka, 2010 – 2014



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