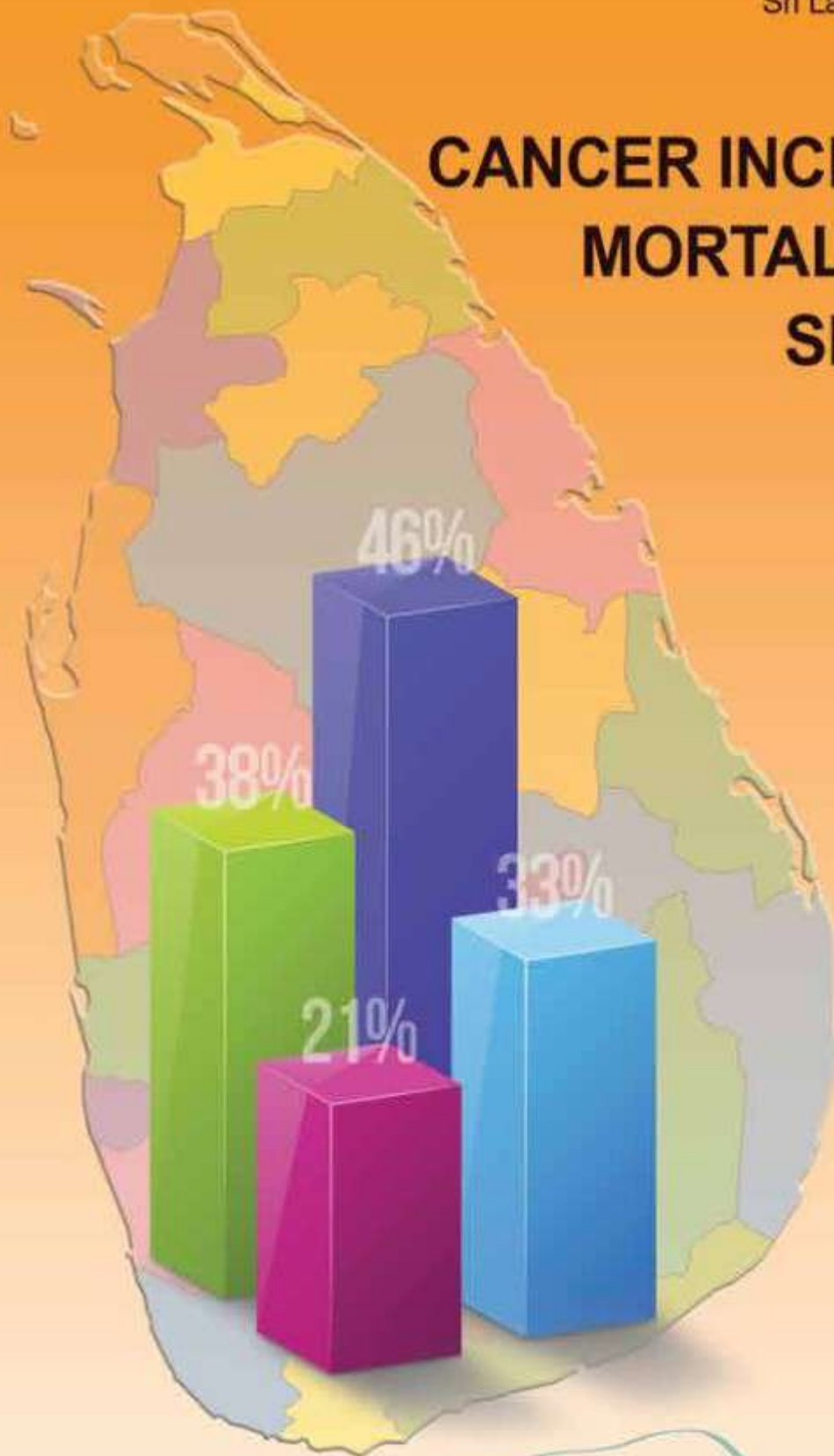


CANCER INCIDENCE & MORTALITY DATA SRI LANKA 2018



NATIONAL CANCER CONTROL PROGRAMME
MINISTRY OF HEALTH

National Cancer Incidence and Mortality Data

Sri Lanka

2018



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Message from the Director General of Health Services



I would like to send this message for the publication named 'National Cancer Incidence and Mortality Data Sri Lanka – 2018', published by the National Cancer Control Programme (NCCP) of Ministry of Health.

Cancer related data generated through the National Cancer Registry Programme provides most comprehensive information on burden of cancers in Sri Lanka. Therefore, it is an essential resource material for planning, implementing, monitoring and evaluation of cancer prevention and control programmes.

I appreciate the partnership of WHO Country office to clear the backlog of cancer incidence data ensuring publication of cancer registry data. The contribution of other stakeholder including hospital administrators, Oncology units, Oro-maxillo facial units and the pathology laboratories (histopathology, haematology, oral pathology) for their contributions. The coordination and hard work of National Cancer Control Programme is highly appreciated.

Dr. Asela Gunawardena

Director General of Health Services

Message from the Deputy Director General (Non-Communicable Diseases)



I am happy to send this message to the 20th edition of 'Cancer Incidence & Mortality Data, Sri Lanka - 2018' published by the National Cancer Control Programme (NCCP).

Comprehensive information on burden of Non-Communicable Diseases is essential optimizing Non-Communicable Disease Control programme in the country. Since Cancer is a leading non-communicable disease, the information generated from National Cancer Registry Programme provides valuable information for directing and future planning of cancer control programme in the country.

The partnership of WHO Country office was extremely beneficial to clear the backlog of cancer incidence data enabling National Cancer Control Programme to release this publication. I hope National Cancer Control Programme will take sustainable measures to ensure timely publication of cancer incidence data.

The efforts taken by the Director and entire staff of National Cancer Control Programme to clear the backlog and releasing the report are highly appreciated.

Dr. Champika Wickramasingha

MBBS, MSc, MD (Community Medicine)

Deputy Director General (Non-Communicable Diseases)

Foreword



National Cancer Control Programme (NCCP) of Ministry of Health would like to release 20th edition of 'Cancer Incidence & Mortality Data, Sri Lanka - 2018'. The contributions received from the stakeholders from the points of diagnosis (histopathology, haematology, oral pathology laboratories) points of treatment (specialized cancer treatment units, other units treating cancer patients) and points of death (divisional death registrar officers). In addition, cancer related mortality data published by the Registrar General Department and Department of Census & Statistics are incorporated for the publication to generate a comprehensive picture of cancer mortality data.

World Health Organization (WHO) country office, Colombo has provided technical support for cancer surveillance throughout the period. Especially WHO country office for providing partnership to clear the backlog is highly appreciated. Partnership given by Dr. Nalika Gunawardana, National Professional Officer (NPO), WHO country office is highly appreciated.

The National Cancer Control Programme would like to express special thank for all government cancer treatment centers, all government pathology laboratories, all government Oral and Maxillo- Facial surgery units and private sector hospitals for providing necessary data.

I acknowledge the contribution given by the Multi Tech Solution (Pvt) Ltd to complete this endeavor. In addition to that contribution from Cancer Care Association is appreciated.

I would like to thank the untiring effort of National Cancer Control Programme team for generating this publication and mitigating measures to clear the backlog of publishing cancer incidence data of subsequent years.

Dr. Janaki Vidanapathirana
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National Advisory Committee on Prevention & Control of Cancers

Technical Advisory Committee on Cancer Registration & Research

All the government cancer treatment centers

All pathology laboratories, Oral and Maxillo- Facial surgery unit

Private hospitals

Professional Colleges – College of Oncologists, College of Pathologists, College of Haematologists

Association of Oral Pathology & Oral Medicine

World Health Organization - Country Office, Sri Lanka

Multi Tech Solutions (Pvt) Ltd

Cancer Care Association – Sri Lanka

Executive summary

Cancer Incidence and Mortality Data, Sri Lanka- 2018 is the 20th volume of the series of publication on cancer surveillance data, Sri Lanka. National Cancer Registry Sri Lanka is based on the newly reported cancers in the year 2018. The newly detected cancers through the cancer treatment centers, pathology laboratories, Oral and Maxillo Facial (OMF) surgery units in the country were considered for this publication. All the data were entered into the 'Can Reg 5' data base. Quality checks were conducted and duplicate entries were eliminated. Analysis was done by Can Reg 5 and SPSS software. For Cancer mortality data, mortality data published at the Annual Health Bulletin – 2018 were analyzed.

In the year 2018, a total number of 30,853 patients were newly diagnosed with cancer, giving crude incidence rate (CR) of 142.4 per 100,000 population. Crude incidence rate of males was 142.2/100,000 and Crude incidence rate of females was 142.6/100,000 population. The highest 5- year age specific incidence rates were reported among males and females of 70- 74-year age group (Males 1076.5/100 000 and females 668.1 /100 000). When age standardized rates (ASR) were considered, the overall ASR was 125.8/100 000 and the ASR for males and females were 133.6/100 000 and 121.1/100 000.

Lip, tongue and mouth cancers (n=2411, CR= 23.0/100 000), Trachea, bronchus and lung cancers (n=1303, CR= 12.4/100 000), Colon and rectal cancers (n= 1161, CR= 11.1/100 000) and oesophageal cancers (n=1136, CR = 10.8/100 000) were the highest incident cancers among males. Crude rates of leading male cancers, there were slight reduction of crude incidence rate in comparison to the similar figure in year 2017 except Lip, tongue and mouth cancer (20.0/ 100,000 to 21.2 /100,000) and prostate cancer (9.9/ 100,000 to 10.2 /100,000). Out of all male cancers, 16 % were lip, tongue and mouth cancers.

Breast (n= 3778, CR= 33.8/100 000), Thyroid (n=1896, CR= 17.0/100 000), Colon and Rectum cancers (n= 1169, CR= 10.5/100 000) and Cervix uteri cancers (n=1073, CR=9.6/100 000) were the highest incident cancers among females. Except lip, tongue and mouth cancers, crude rates of all other leading cancers among females there were slight reduction of crude incidence rate in comparison to the similar figure in year 2017. Out of all female cancers 24% were breast cancers.

Cumulative rate of developing cancer between the age group of 0-74 years males is 16.8% and females is 14.1%. It means that among 1 in 5.9 males and 1 in 7.0 females have risk of developing cancer during their life time.

Staging information was available for 30% breast cancers, 21% cervical cancers and 11% lip tongue and mouth cancers. Among those with staging information 38% breast cancers, 39% cervical cancers and 60% lip, tongue and mouth cancers were diagnosed at the advanced stages (Stage III and IV).

Out of all cancers 90.7 % were diagnosed microscopically and histopathology details were available for 89.5% cancers. There were 767 cases of childhood cancers (age between 0-19 Years) and 20.6 % were leukaemias.

Highest number of cancers were reported from Colombo district (n=3833, CR=157.2), Kurunegala district (n=1891, CR=110.6), Kandy district (n=1654, CR=112.7), Gampaha district (n=1414, CR= 58.7) and Kalutara district (n=981, CR=76.6). A total of 5789 deaths were occurred due to cancers at government hospital settings in year 2017 according to Annual Health Bulletin, 2018.

Cancer Incidence, 2018

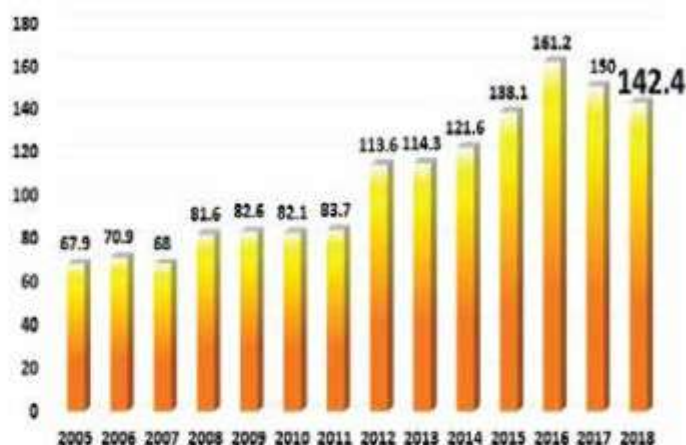
New cases **30853**



14917

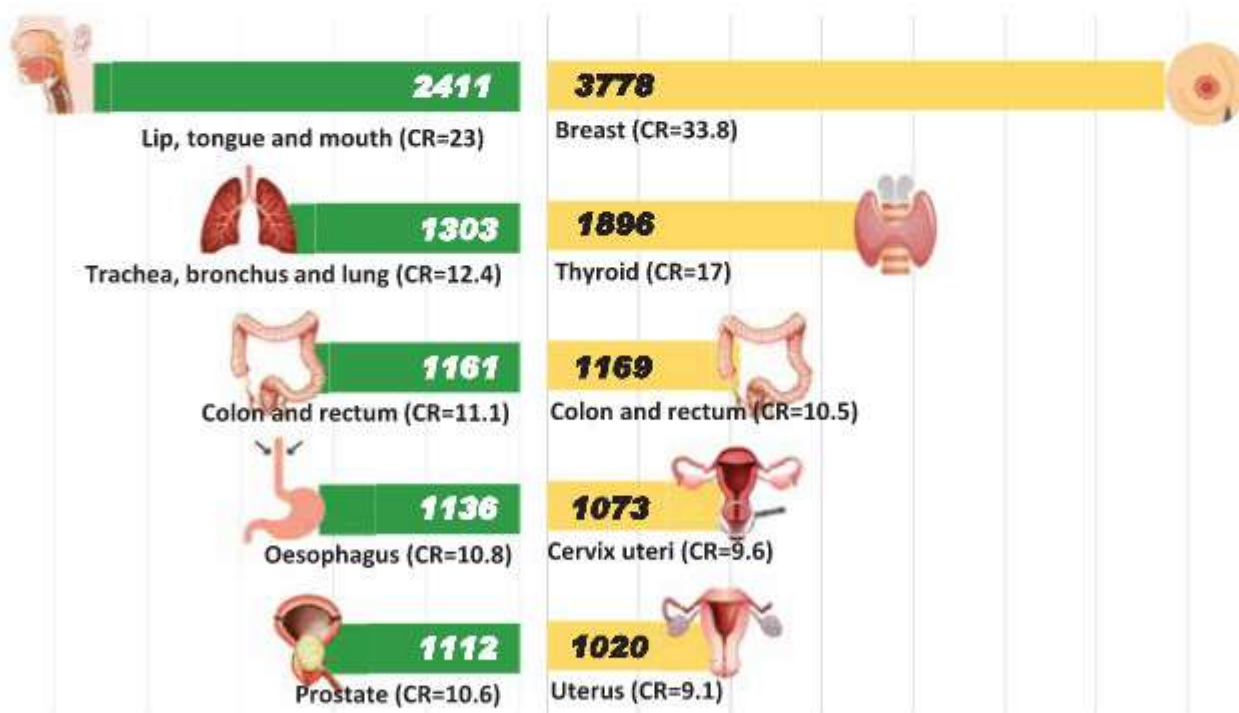


15936



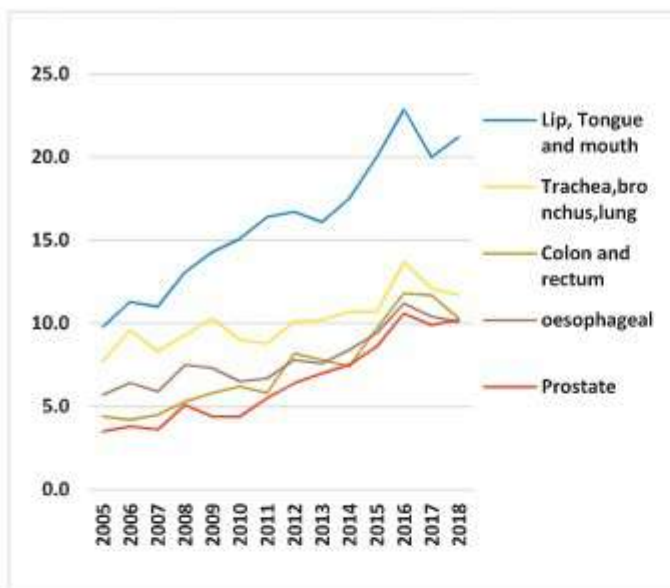
Crude cancer incidence rates of Sri Lanka

2005 -2018

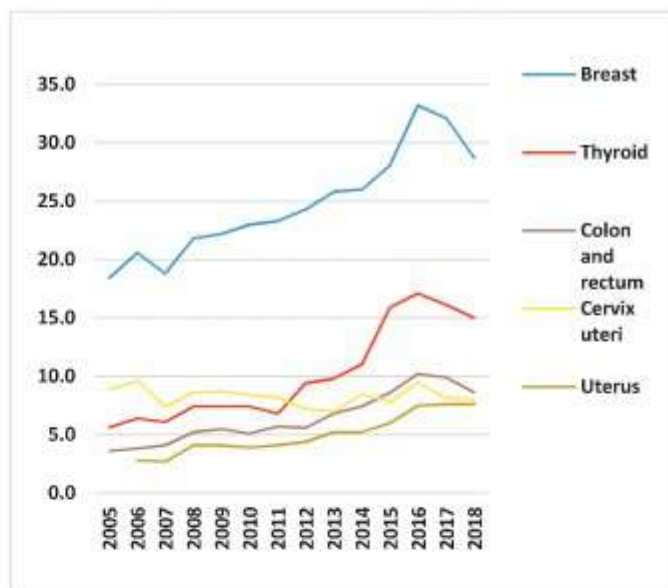


Number of cases and Crude Incidence Rates of leading cancer sites by sex in Sri Lanka, 2018

(CR per 100 000 population)



ASR of five most common male cancers from 2005 - 2018



ASR of five most common female cancers from 2005 - 2018

Childhood cancers

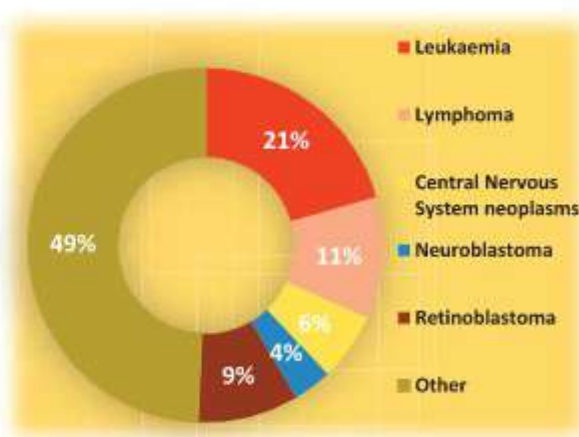
(0-19 years)



767 Cases



Number of Cases of Childhood Cancers from 2011 to 2018



Percentage Composition of Childhood Cancers - 2018

Cancer Incidence & Mortality Data Sri Lanka – 2018

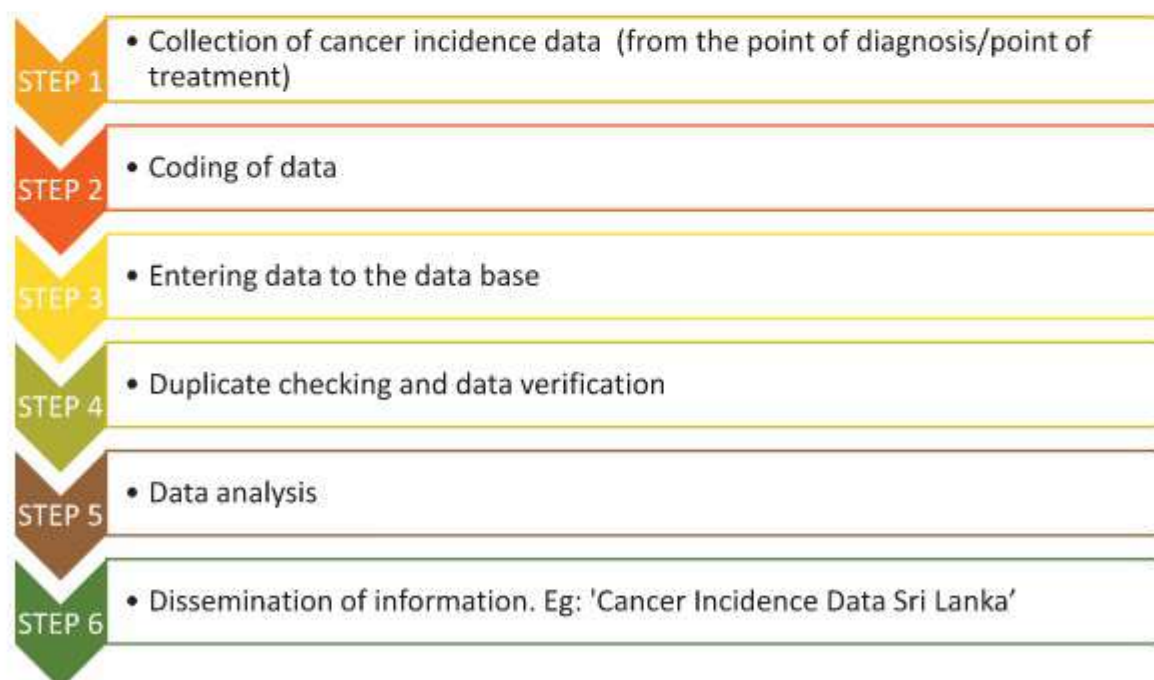
1. Introduction

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 help is received from Department of Epidemiology, Bio statistics 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 19 volumes have been published (Annex I). This publication is the 20th volume of Cancer Incidence Data Sri Lanka.

2. Methodology



Steps of cancer surveillance

The methodology of each step of cancer surveillance (Figure 1) is described below.

2.1 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.

2.1.1 Newly registered cancer patients at the cancer treatment centres

In the year 2018, there were 19 government cancer treatment centres involved in data collection (Table i). 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 1: Distribution of government cancer treatment centres in year 2018

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, Ratnapura
District General Hospital	Gampaha, NuwaraEliya, Hambanthota, Vavuniya, Polonnaruwa, Monaragala, Trincomalee, Ampara, Chilaw, Kegalle
Base Hospital	Telippalai (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 60 Histopathology laboratories (20,756 diagnosed patients), twelve Haematology laboratories (377 diagnosed patients) and one oral pathology laboratory (488 diagnosed patients) have passively sent relevant data for the year 2018 (Table 2).

Table 2: Distribution of pathology laboratories which sent details of newly diagnosed cancer patients in year 2018

Category of hospital	Type of Pathology laboratory		
	Histopathology	Haematology	Oral Pathology
National Hospital	National Hospital of Sri Lanka National Hospital of Kandy		
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 Karapitiya, Rathnapura Anuradhapura, Mahamodara Peradeniya, SBCH, Batticaloa Jaffna	Castle Street Hospital (CSHW) Colombo South, Rathnapura	
Provincial Hospitals General	Kurunegala, Badulla	Kurunegala	
District Hospitals General	Awissawella Gampaha, Negombo, Kalutara, Matara, Hambanthota, Kegalle, Chilaw, Polonnaruwa, Nawalapitiya, Nuwaraeliya, Matale, Monaragala, Ampara, Trincomalee, Vavuniya	Gampaha, Kalutara, Hambanthota, Chilaw	
Base Hospital	Homagama, Mulleriyawa, Wathupitiwala, Kethumathi, Panadura, Balapitiya, Elpitiya, Tangalle, Embilipitiya, Balangoda, Kuliyaipitiya, Horana, Nikaweratiya, Puttlam, Gampola Dambulla, Diyathalawa, Mahiyanganaya, Karawanella, Thambuththegama	Wathupitiwala, Embilipitiya, Kuliyaipitiya, Puttlam	
University Units	Faculty of Medicine – Colombo, Ruhuna, Jayawardanapura, Ragama	Ragama	Faculty of Dental Sciences – Peradeniya
Other Hospitals	Army Hospital		
Private sector	Delmons Hospital-Colombo		

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 26 OMF units have sent relevant data for year 2018 (Table iii).

Table 3: Distribution of OMF Units which sent details of newly diagnosed cancer patients in year 2018

Category of hospital	Name of the hospital
National Hospital	Dental Institute, Colombo
Teaching Hospitals	Colombo South, Colombo North, Karapitiya, Kandy, Anuradhapura, Jaffna
Provincial General Hospitals	Kurunegala, Ratnapura
District General Hospitals	Gampaha, Kalutara, Polonnaruwa, Avissawella, Hambanthota, Negombo, NuwaraEliya, Trincomalee, Ampara, Matara, Embilipitiya
Base Hospital	Kuliyapitiya, Panadura, Chilaw
University Units	–

2.1.4 Population Based Cancer Registry – Colombo district

Two additional data sources were identified for capturing additional 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.

a. Details from Medical Record Departments of 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 22 Medical Record Departments have sent the details in year 2018 (Table iv).

Table 4: Distribution of Medical Record Departments which have sent the details of newly diagnosed cancer patients for year 2018

Category of hospital	Name of the hospital
National Hospital	National hospital, Dental Institute Colombo, National Hospital for Respiratory Diseases
Teaching Hospitals	Colombo South, Colombo North, Eye hospital, LRH, DMH, CSHW
District General Hospitals	Avissawella, Gampaha, Mulleriyawa
Base Hospital	Panadura, Horana
Private sector hospitals	Asiri central, Asiri medical, Asiri surgical, Durdans, Lanka
Armed services hospitals	Army hospital, navy hospital, police hospital

a. Details from Divisional Death Registration 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 2018.

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 and also by a third party of data entry operators in a private company through a WHO funded project. These activities were 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 database, duplicate checking was conducted using 'Person search' option of the CanReg 5 database. 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 & dissemination of information

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 CI 5 were generated through CanReg 5 database.

Population estimates used for incidence and mortality rate calculation are given in table 5

Table 5: Estimated mid – year population by district in Sri Lanka 2018

District	Male	Female	Total
Colombo	1,196,628	1,242,171	2,438,799
Gampaha	1,167,491	1,241,756	2,409,247
Kalutara	619,734	661,008	1,280,742
Kandy	699,968	768,066	1,468,034
Matale	250,473	268,930	519,403
NuwaraEliya	365,008	398,201	763,209
Galle	539,002	585,017	1,124,019
Matara	410,820	446,898	857,718
Hambanthota	321,643	333,027	654,670
Jaffna	287,885	325,198	613,083
Mannar	54,899	54,312	109,211
Vavuniya	92,194	95,116	187,310
Mullaitivu	48,152	48,325	96,477
Kilinochchi	62,143	64,308	126,451
Batticaloa	271,255	298,541	569,796
Ampara	348,266	371,196	719,462
Trincomalee	207,704	212,797	420,501
Kurunegala	821,412	889,120	1,710,532
Puttalam	399,223	425,681	824,904
Anuradhapura	453,766	475,773	929,539
Polonnaruwa	215,717	220,581	436,298
Badulla	419,684	453,423	873,107
Monaragala	243,942	246,905	490,847
Ratnapura	573,180	589,427	1,162,607
Kegalle	421,273	462,272	883,545
Total	10,491,462	11,178,049	21,669,511

Source – Department of Census & Statistics

Cancer Incidence Data of Sri Lanka – 2018

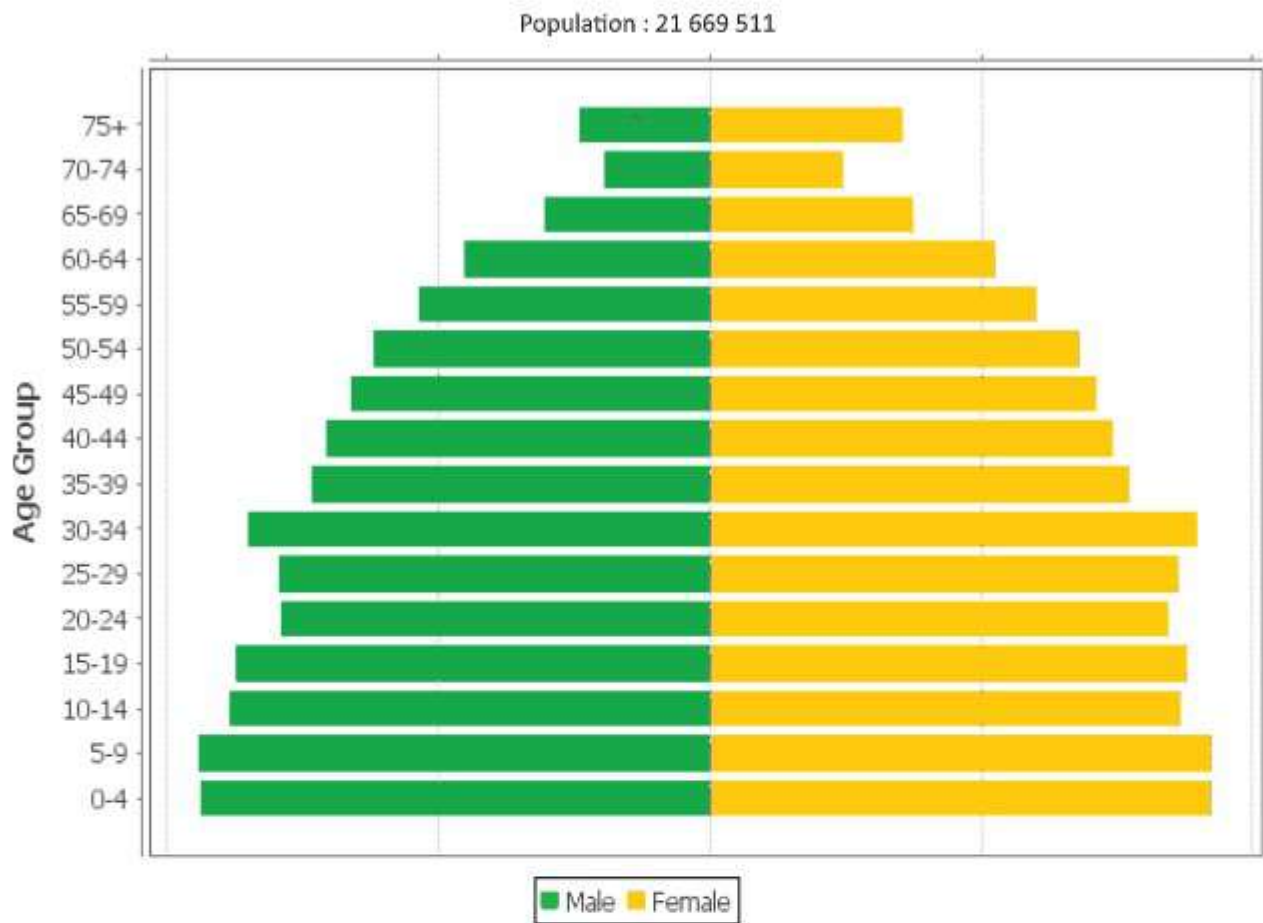


Figure 1: Population pyramid of Sri Lanka in 2018 by 5-year age groups

Table 6: Cancer Incidence by sex in Sri Lanka, 2005- 2018

Year	Sex	Number	%	CR	ASR
2005	Male	6,058	45.3	62.3	68.1
	Female	7,314	54.7	73.4	73.4
	Total	13,372		67.9	70.6
2006	Male	6,205	44.1	62.7	69.2
	Female	7,875	55.9	79.0	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		68.0	71.6
2008	Male	7,695	46.6	76.5	85.5
	Female	8,816	53.4	86.6	88.0
	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	49.1	115.3	107.8
	Female	11,773	50.9	112.1	95.5
	Total	23,136		113.6	100.1
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
2015	Male	13,921	48.1	137.1	128.6
	Female	15,046	51.9	139.1	118.8
	Total	28,967		138.1	122.0
2016	Male	16,533	48.4	161.1	151.2
	Female	17,646	51.6	161.3	137.4
	Total	34,179		161.2	142.0
2017	Male	15,458	48.1	148.9	140.2
	Female	16,712	51.9	151.1	128.8
	Total	32,170		150.0	132.7
2018	Male	14,917	48.3	142.2	134.0
	Female	15,936	51.7	142.6	121.3
	Total	30,853		142.4	125.8

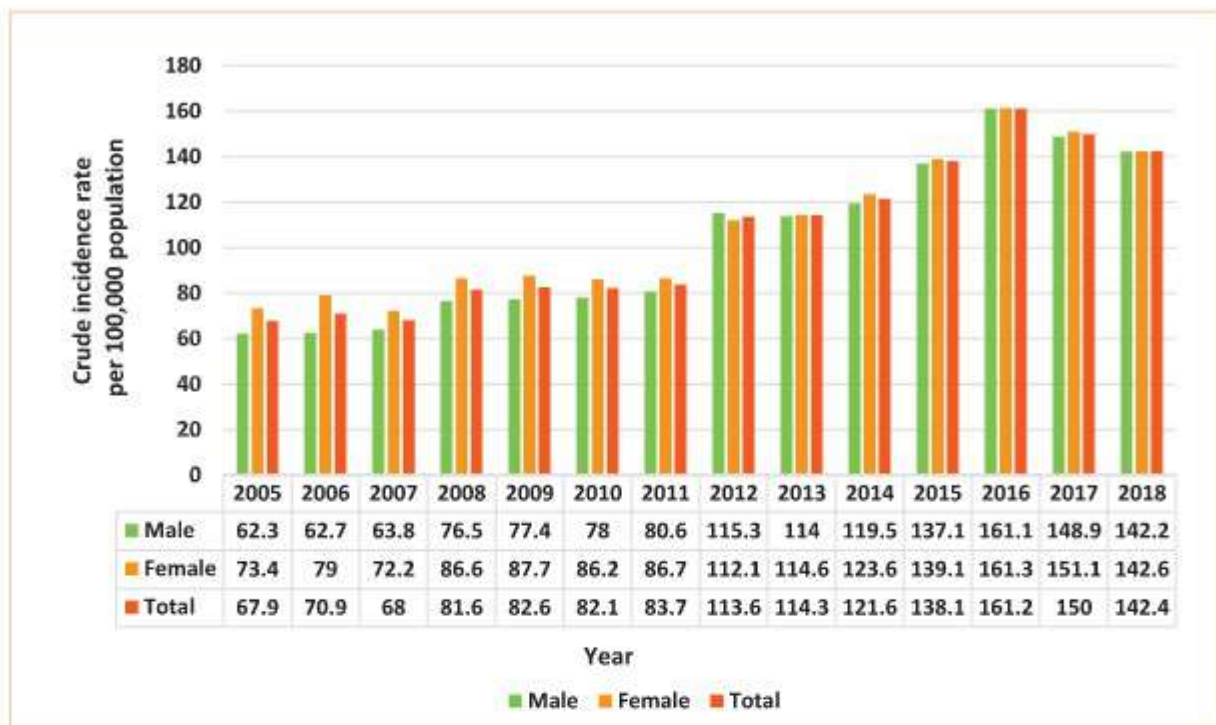


Figure 2: Crude Cancer Incidence Rates of Sri Lanka, 2005-2018

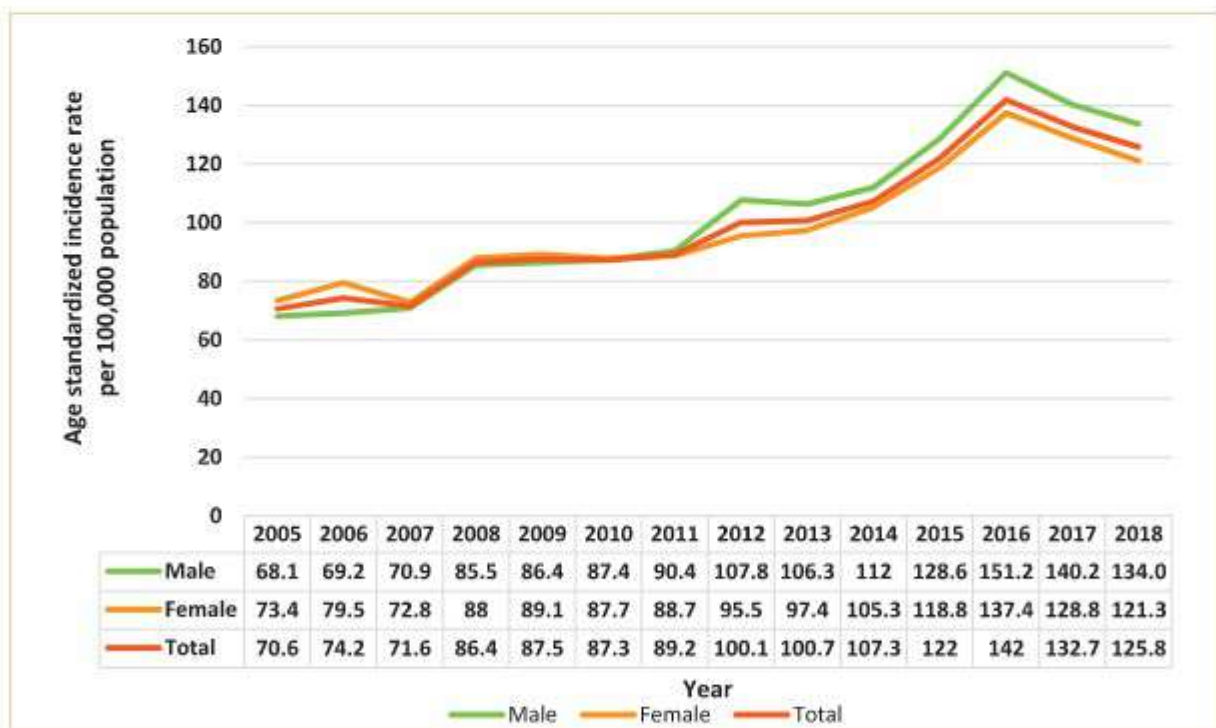


Figure 3: Age Standardized Cancer Incidence Rates of Sri Lanka, 2005-2018



Figure 4: Cancer Incidence Rates of Sri Lanka, 2018

Table 7: Cancer Incidence by 5-year age groups and sex in Sri Lanka, 2018

Age Group	Male			Female			Total		
	Cases	Population	Incidence	Cases	Population	Incidence	Cases	Population	Incidence
Unknown	42			34			76		
00-04	141	937,293	15.0	121	921,745	13.1	262	1859038	14.1
05-09	72	939,958	7.7	62	922,462	6.7	134	1862420	7.2
10-14	75	883,358	8.5	68	864,182	7.9	143	1747539	8.2
15-19	90	873,437	10.3	137	878,330	15.6	227	1751767	13.0
20-24	97	789,990	12.3	206	841,617	24.5	303	1631608	18.6
25-29	167	791,392	21.1	290	861,761	33.7	457	1653153	27.6
30-34	189	848,074	22.3	492	896,854	54.9	681	1744928	39.0
35-39	318	729,981	43.6	786	769,359	102.2	1104	1499340	73.6
40-44	490	703,860	69.6	1000	742,081	134.8	1490	1445940	103.0
45-49	781	657,760	118.7	1383	710,369	194.7	2164	1368129	158.2
50-54	1453	618,446	234.9	1762	678,745	259.6	3215	1297191	247.8
55-59	1955	532,718	367.0	1917	598,954	320.1	3872	1131672	342.1
60-64	2323	452,223	513.7	2251	523,275	430.2	4574	975498	468.9
65-69	2536	301,384	841.5	2076	371,085	559.4	4612	672470	685.8
70-74	2079	193,134	1076.5	1635	244,730	668.1	3714	437864	848.2
75+	2109	238,453	884.5	1716	352,500	486.8	3825	590953	647.3
Total	14917	10,491,462	142.2	15936	11,178,049	142.6	30853	21,669,511	142.4

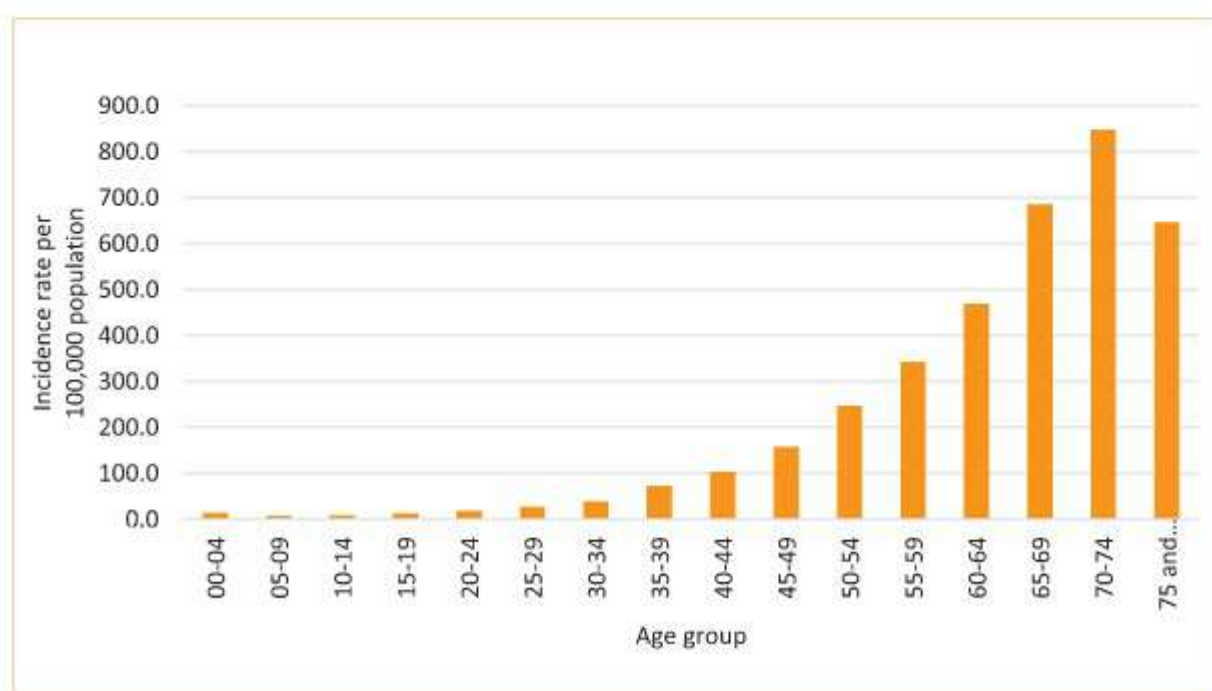


Figure 5: Age Specific Cancer Incidence Rates in Sri Lanka, 2018

Table 8: Leading cancer site by sex in Sri Lanka, 2018

Male					Female				
ICD 10	Site	No	CR	ASR	ICD 10	Site	No	CR	ASR
C00-C06	Lip, tongue & mouth	2411	23.0	21.3	C50	Breast	3778	33.8	28.7
C33-C34	Trachea, bronchus and lung	1303	12.4	11.7	C73	Thyroid	1896	17.0	15.0
C18-C20	Colon and rectum	1161	11.1	10.4	C18-20	Colon and rectum	1169	10.5	8.7
C15	Oesophagus	1136	10.8	10.1	C53	Cervix	1073	9.6	8.0
C61	Prostate	1112	10.6	10.3	C54-55	Uterus	1020	9.1	7.6
C09-C14	Pharynx	777	7.40	6.8	C56	Ovary	938	8.4	7.2
C32	Larynx	712	6.80	6.3	C15	Oesophagus	815	7.3	5.9
C67	Bladder	573	5.50	5.2	C00-06	Lip, tongue & mouth	611	5.5	4.4
C81-C85 & C96	Lymphoma	551	5.2	5.0	C33-34	Trachea, bronchus & lung	456	4.1	3.4
C16	Stomach	415	3.9	3.7	C81-85 & C96	Lymphoma	447	4.0	3.5
	All sites	14917	142.2	134.0		All sites	15936	142.6	121.3

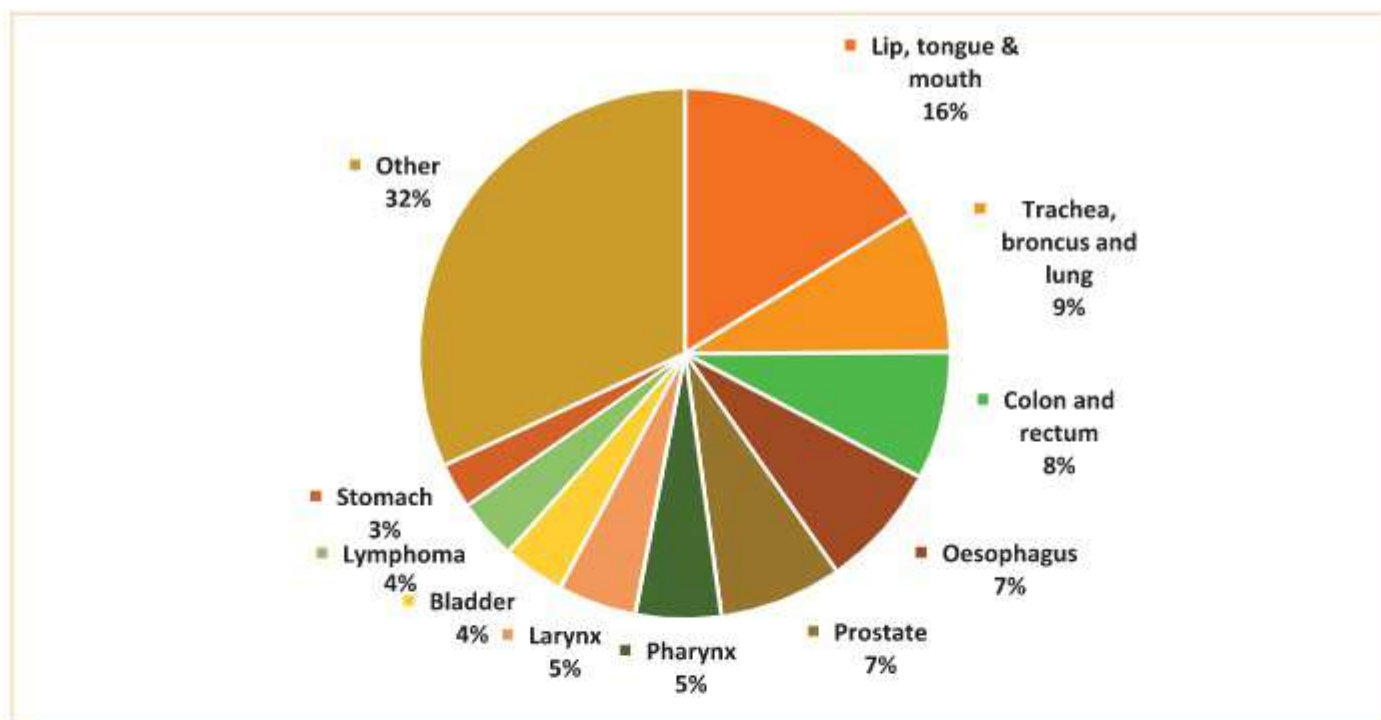


Figure 6: Proportion of leading cancers in males in Sri Lanka, 2018

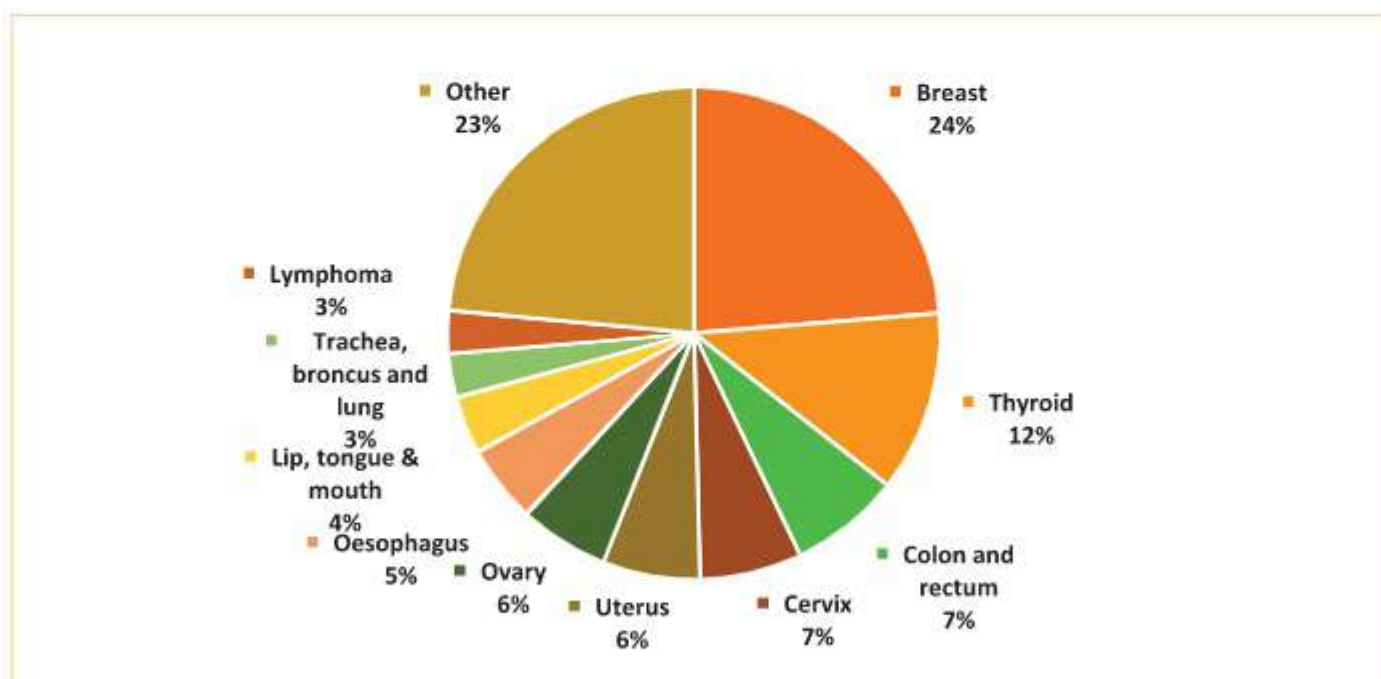


Figure 7: Proportion of leading cancers in females in Sri Lanka, 2018

Crude incidence rates of leading cancers in Sri Lanka in 2018

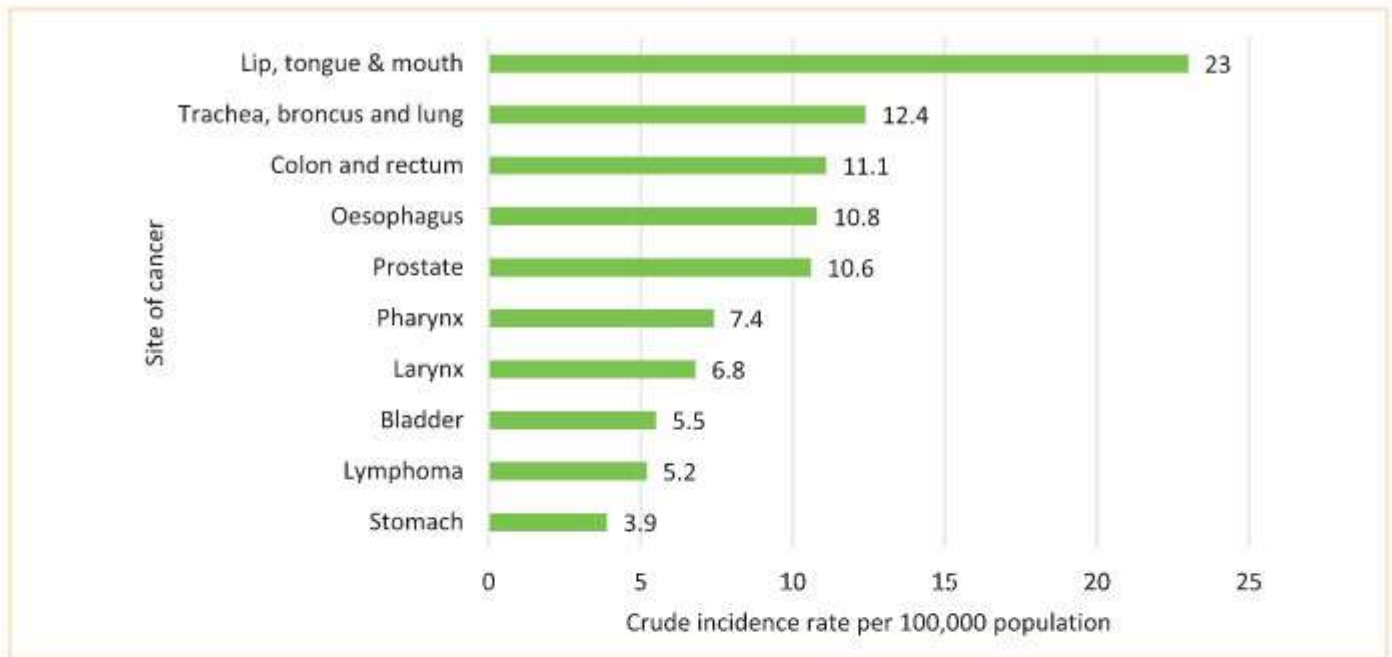


Figure 8: Crude incidence rates of leading cancers in males in Sri Lanka, 2018

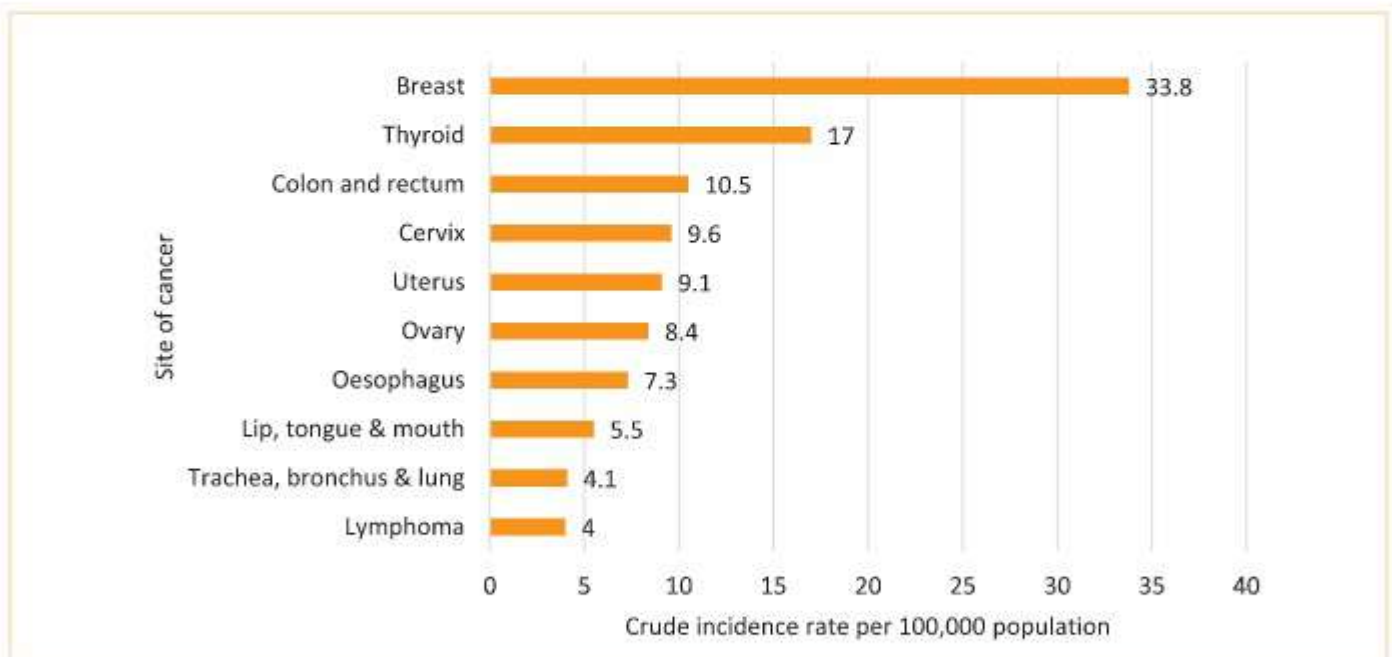


Figure 9: Crude incidence rates of leading cancers in females in Sri Lanka, 2018

Leading cancers of Sri Lanka according to age group in 2018

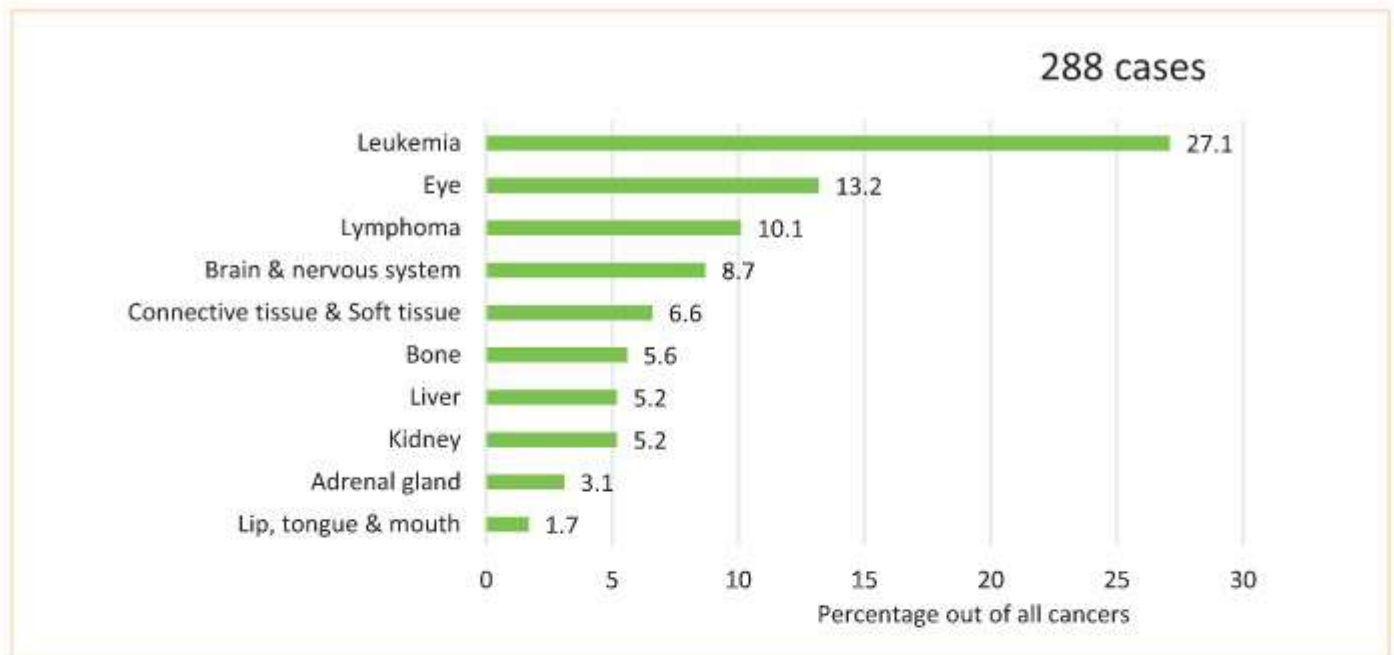


Figure 10: Leading cancers by 0-14 year age group among males in Sri Lanka, 2018

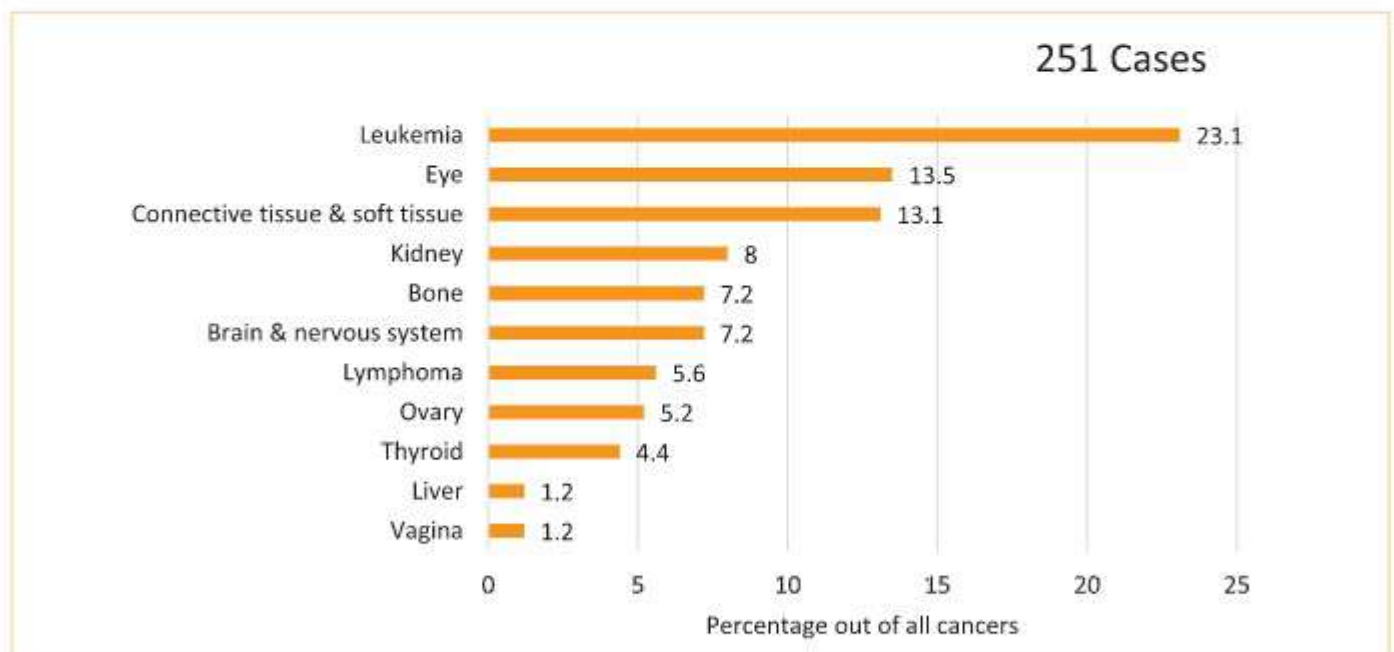


Figure 11: Leading cancers by 0-14 year age group among females in Sri Lanka, 2018

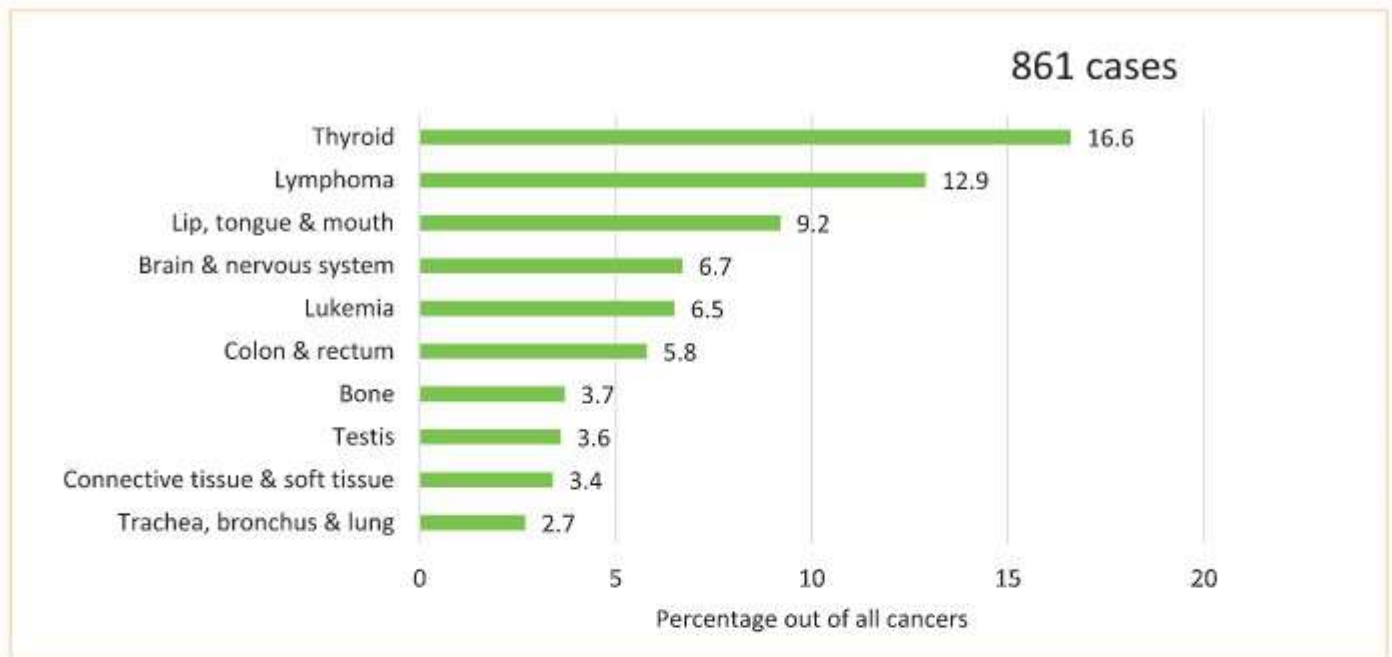


Figure 12: Leading cancers by 15 -34 year age group among males in Sri Lanka, 2018

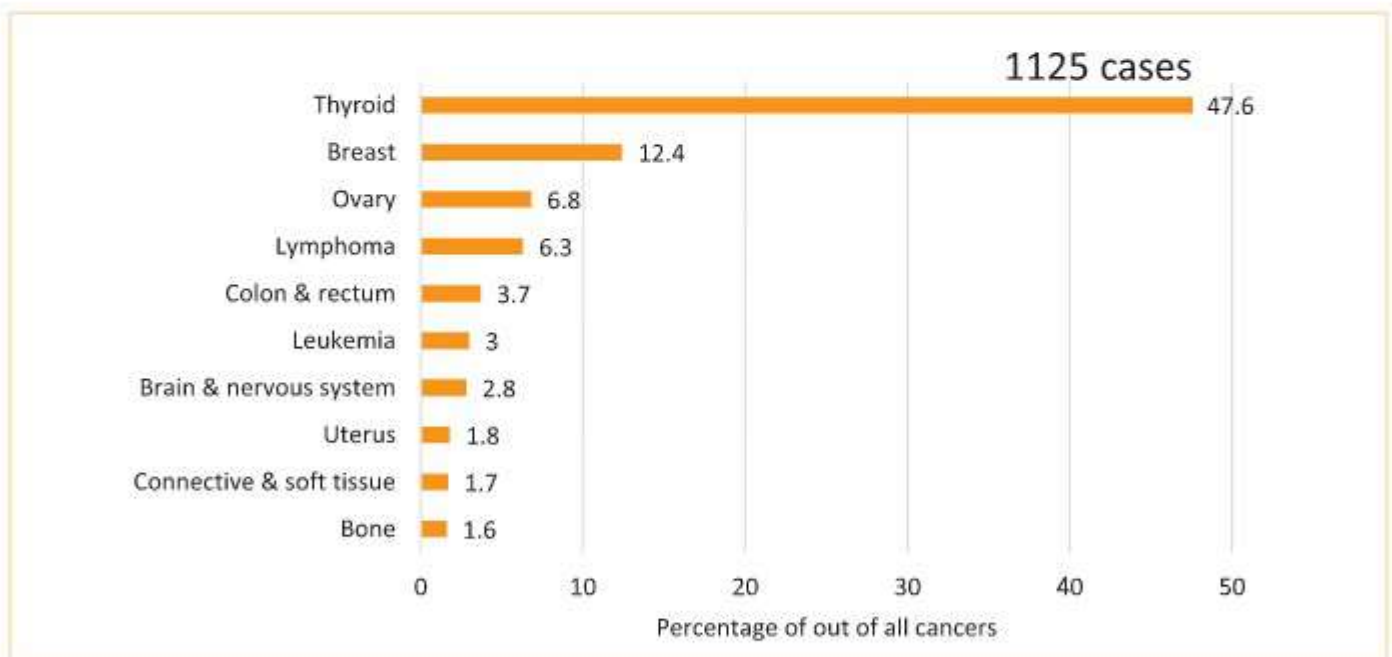


Figure 13: Leading cancers by 15 -34 year age group among females in Sri Lanka, 2018

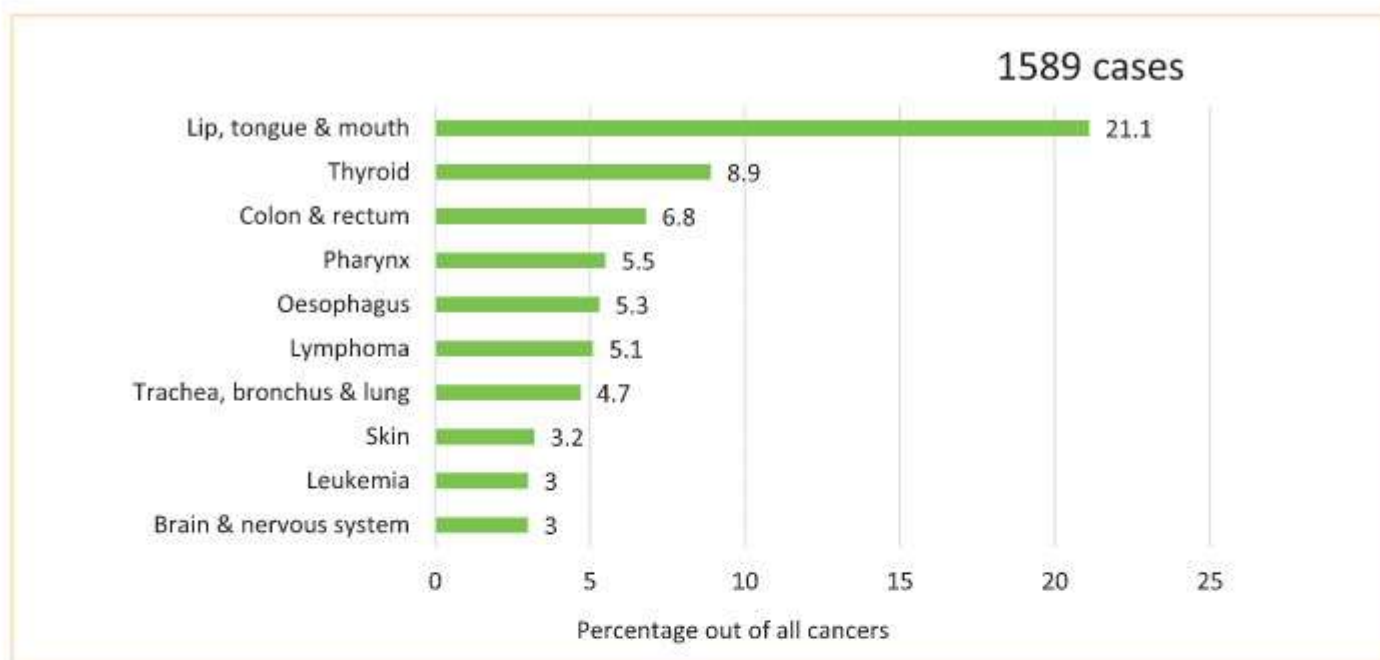


Figure 14: Leading cancers by 35 – 49 year age group among males in Sri Lanka, 2018

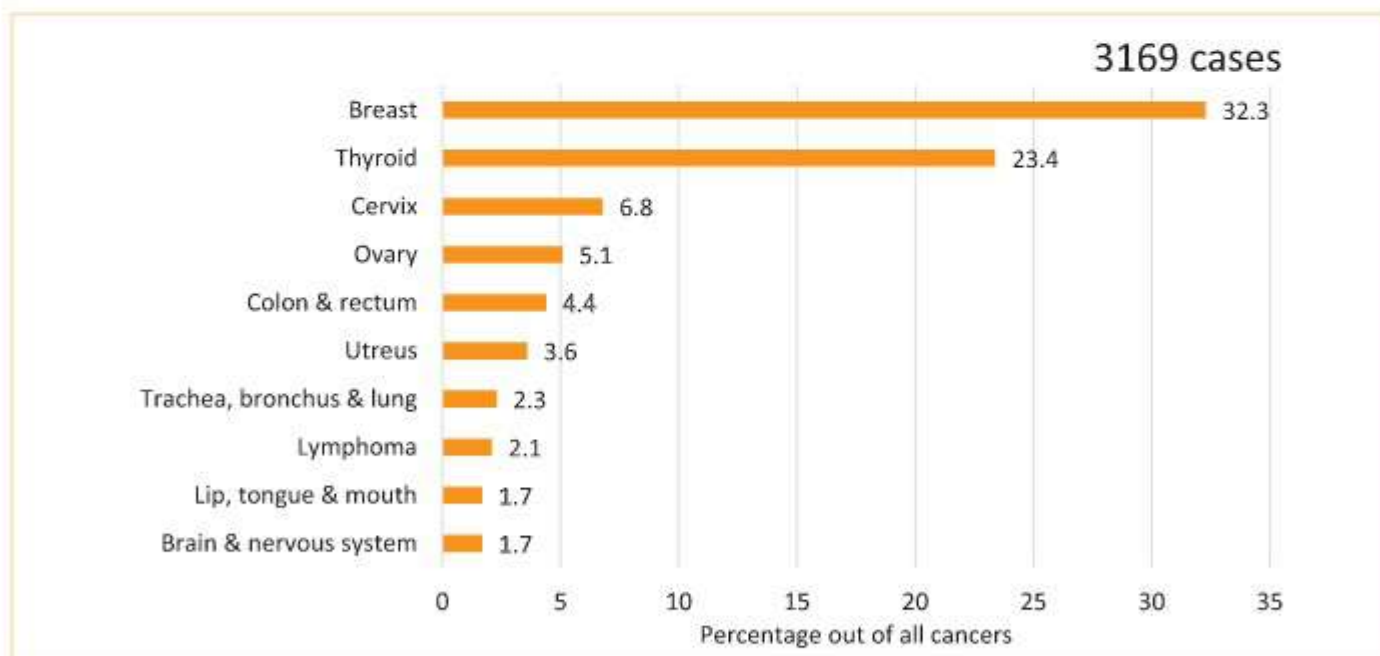


Figure 15: Leading cancers by 35 – 49 year age group among females in Sri Lanka, 2018

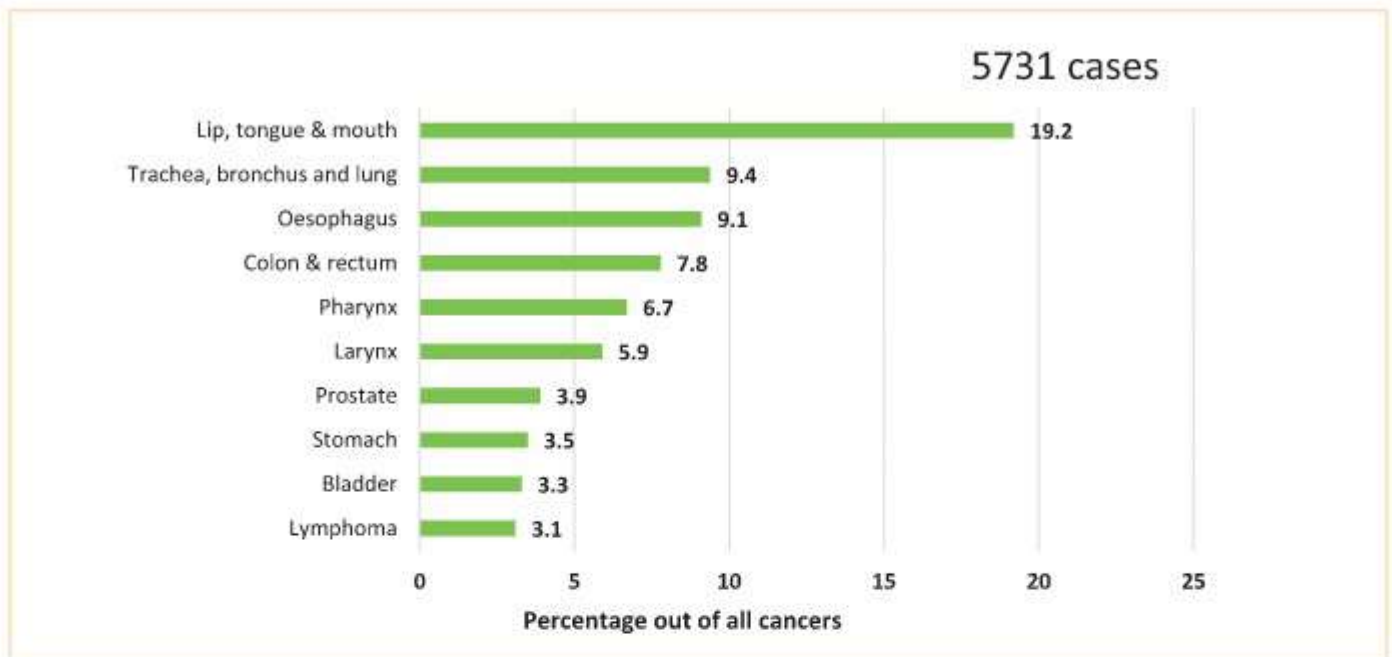


Figure 16: Leading cancers by 50 – 64 year age group among males in Sri Lanka, 2018

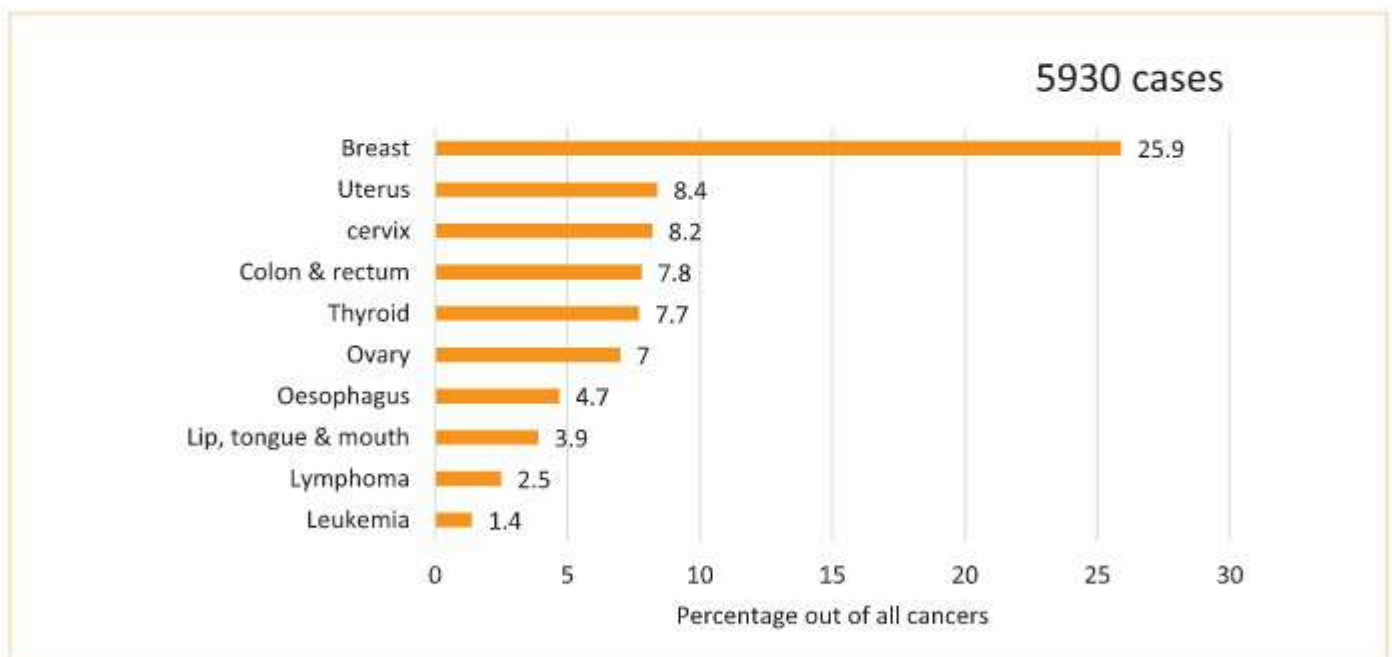


Figure 17: Leading cancers by 50 – 64 year age group among females in Sri Lanka, 2018

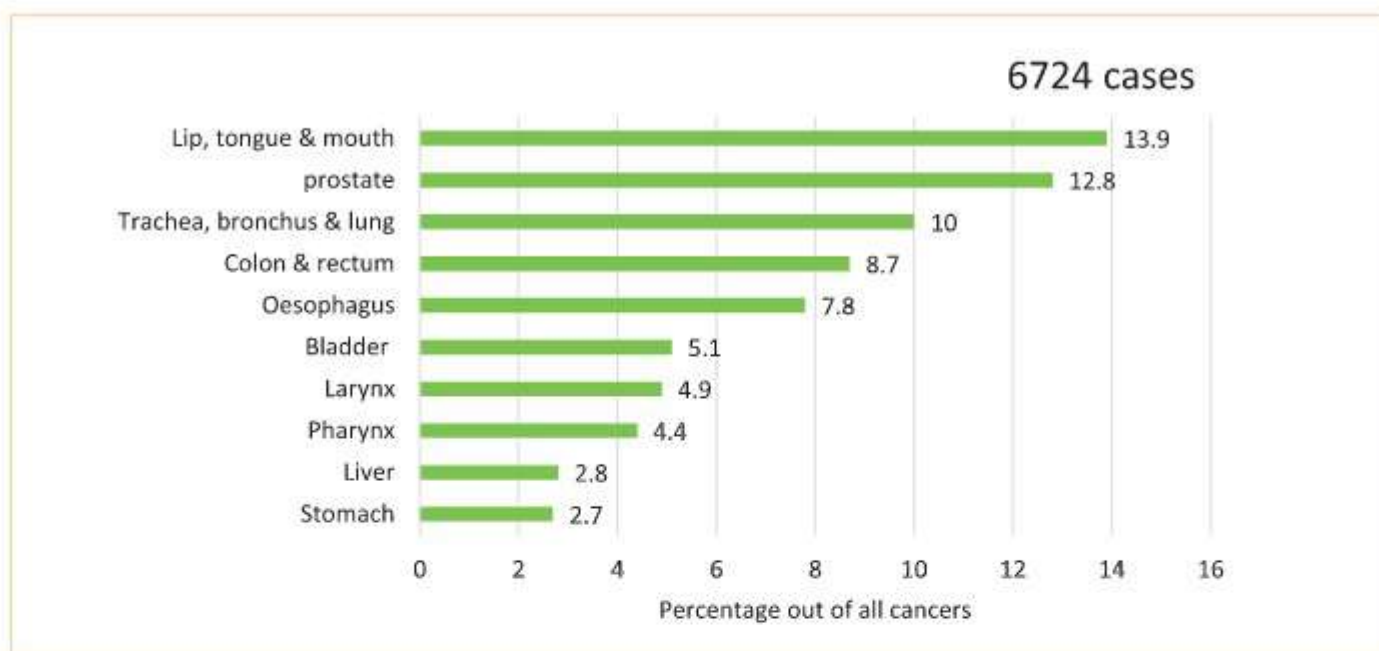


Figure 18: Leading cancers by 65 years & above age group among males in Sri Lanka, 2018

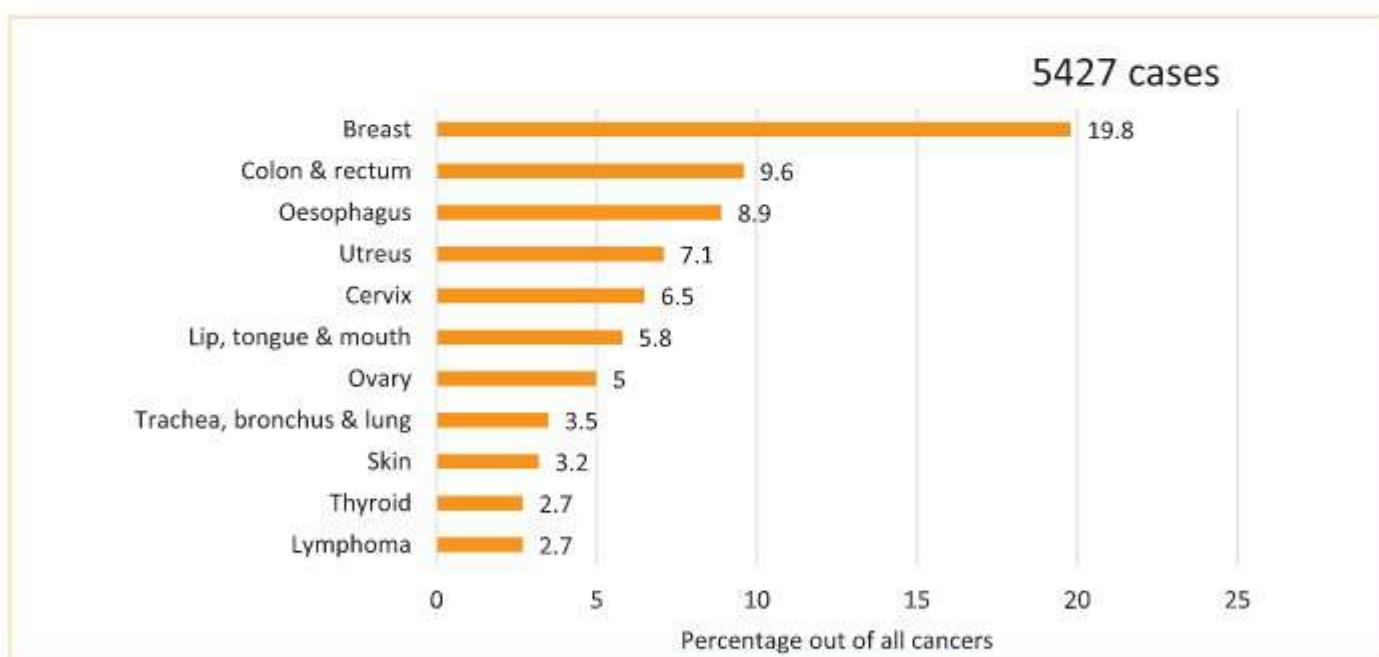


Figure 19: Leading cancers by 65 years & above age group among females in Sri Lanka, 2018

Table 9: Number of cancers by five – year age groups and ICD 10 site, among males in Sri Lanka in 2018

ICD 10 site	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+	unknown	Total
C00 Lip	0	0	0	0	1	1	3	3	9	22	32	38	48	38	31	26	0	252
C01 Base of tongue	1	0	0	0	0	0	1	1	12	7	24	37	25	26	19	21	0	174
C02 Other and unspecified parts of tongue	0	0	0	0	0	5	6	16	27	61	101	103	91	97	63	47	4	621
C03 Gum	1	0	0	0	0	0	0	1	2	8	12	10	23	19	19	14	1	110
C04 Floor of mouth	0	0	0	0	0	0	0	5	1	17	29	28	31	33	13	14	0	171
C05 Palate	0	0	0	0	1	0	0	9	9	19	39	59	34	40	27	28	0	265
C06 Other and unspecified parts of mouth	2	1	0	0	1	1	8	16	34	57	107	117	115	128	122	107	2	818
C07 Parotid gland	0	0	2	0	0	1	1	2	2	2	7	8	7	9	7	4	0	52
C08 Other and unspecified major salivary glands	0	0	0	1	0	0	1	2	5	5	5	3	1	4	3	2	0	30
C09 Tonsils	0	0	0	0	0	1	1	4	4	16	21	31	17	21	19	14	3	152
C10 Oropharynx	0	0	0	0	0	1	1	0	5	7	27	30	29	19	22	9	0	150
C11 Nasopharynx	0	0	0	1	0	1	2	2	2	1	1	8	9	2	1	3	0	33
C12 Piriformis sinus	0	0	0	0	0	1	1	0	9	6	23	31	39	33	31	27	0	201
C13 Hypopharynx	0	0	0	0	0	0	1	0	3	6	11	16	25	23	13	15	0	113
C14 Other and ill-defines sites in the lip, oral cavity and pharynx	0	0	0	0	0	0	0	2	6	14	16	20	28	21	7	13	1	128
C15 Oesophagus	0	0	0	2	0	1	3	4	22	58	132	181	209	225	154	143	2	1136
C16 Stomach	0	0	0	0	0	4	2	5	8	17	47	74	78	69	63	47	1	415
C17 Small intestine	0	0	0	0	0	0	0	4	5	2	10	7	12	10	10	6	1	67
C18 Colon	0	0	0	0	2	5	10	20	18	24	53	74	90	90	64	78	2	530
C19 Rectosigmoid junction	0	0	0	0	0	0	0	2	0	4	9	16	21	15	14	14	0	95
C20 Rectum	0	0	0	0	0	1	2	8	13	19	39	69	75	100	98	111	1	536
C21 Anus and anal canal	0	0	0	0	0	2	1	1	1	2	9	10	10	15	14	14	0	79
C22 Liver and intrahepatic bile ducts	12	2	1	1	0	0	2	2	13	20	22	36	78	65	71	51	3	379
C23 Gallbladder	0	0	0	0	0	0	2	1	1	2	3	1	5	8	2	4	0	29
C24 Other and unspecified parts of biliary tract	0	0	0	0	1	0	1	3	2	3	5	4	11	10	7	13	0	60
C25 Pancreas	0	0	0	0	0	1	3	1	4	7	7	12	11	18	14	13	0	91
C26 Other and ill-defined digestive organs	0	1	0	0	0	0	0	0	2	2	5	6	6	4	5	2	0	33

Table 9 continued ...

ICD 10 site	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+	unknown	Total
C30 Nasal cavity and middle ear	0	0	0	0	0	2	0	0	2	2	2	6	1	7	1	6	0	29
C31 Accessory sinuses	0	0	0	0	0	0	1	0	0	3	5	12	3	8	2	4	0	38
C32 Larynx	0	0	0	0	0	0	2	4	15	26	83	116	138	128	97	102	1	712
C33 Trachea	0	0	0	0	0	0	0	0	0	2	1	2	3	1	1	0	0	10
C34 Bronchus and lung	1	0	1	0	2	2	5	14	21	37	109	201	222	278	216	179	5	1293
C37 Thymus	0	0	0	1	1	4	2	1	3	2	3	1	5	5	0	0	1	29
C38 Heart, mediastinum and pleura	3	0	0	2	2	1	1	2	0	4	1	9	5	6	5	3	0	44
C39 Other and ill-defined sites in the respiratory system and intrathoracic organs	0	0	0	0	0	0	0	0	2	1	1	3	9	9	4	2	0	31
C40 Bone and articular cartilage of limbs	1	2	9	12	2	6	1	1	1	0	1	1	0	3	1	2	0	43
C41 Bone and articular cartilage of other and unspecified sites	1	0	3	3	1	3	2	1	2	2	2	3	2	3	7	1	0	36
C43 Melanoma of skin	0	1	0	0	0	1	0	0	0	0	5	5	5	8	6	7	0	38
C44 Other malignant neoplasms of skin	0	0	0	1	1	1	3	10	19	22	40	46	53	39	49	62	0	346
C45 Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4
C47 Peripheral nerves and autonomic nervous system	6	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	10
C48 Retroperitoneum and peritoneum	1	1	1	0	0	1	1	1	1	0	0	0	1	2	2	3	0	15
C49 Other connective and soft tissue	4	4	5	5	3	4	8	8	7	6	9	12	19	20	10	11	0	135
C50 Breast	0	0	0	0	0	0	2	3	8	6	17	20	17	25	18	20	0	136
C60 Penis	0	0	0	0	0	1	0	7	1	6	22	13	30	19	12	34	0	145
C61 Prostate	1	1	0	0	2	0	2	2	7	12	22	49	152	238	261	359	4	1112
C62 Testis	3	0	1	3	4	14	8	2	6	2	1	3	1	2	3	4	0	57
C63 Other and unspecified male genital organs	1	0	0	1	0	0	1	0	0	1	0	0	0	2	0	0	0	6
C64 Kidney	11	4	0	1	1	0	3	10	10	20	21	28	53	57	39	22	0	280
C65 Renal pelvis	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
C66 Ureter	0	0	0	0	0	0	0	0	1	0	0	0	2	3	3	0	0	9
C67 Bladder	0	0	0	0	1	4	3	6	7	20	41	53	95	121	99	122	1	573
C68 Other and unspecified urinary organs	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0	0	5

Table 9 continued ...

ICD 10 site	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+	unknown	Total
C69 Eye and adnexa	29	8	1	1	1	0	0	0	2	0	0	0	0	5	4	3	0	54
C70 Meninges	0	0	0	0	0	1	1	1	1	1	1	2	1	1	2	1	0	13
C71 Brain	7	8	7	4	11	14	5	17	12	13	25	19	15	14	14	6	0	191
C72 Spinal cord, cranial nerves and other parts of central nervous system	1	1	1	0	1	0	1	2	0	1	0	1	0	1	1	1	0	12
C73 Thyroid gland	0	0	4	10	12	31	44	46	50	45	31	41	33	35	20	13	0	415
C74 Adrenal gland	4	5	0	0	1	0	0	2	0	0	2	0	1	1	0	0	1	17
C75 Other endocrine glands and related structures	0	0	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	4
C76 Other and ill-defined sites	4	0	0	0	1	0	1	4	2	1	10	9	11	15	9	19	1	87
C77 Secondary and unspecified malignant neoplasm of lymph nodes	0	0	1	4	1	1	0	2	4	3	7	10	13	7	6	6	0	65
C80 Unknown primary	3	1	6	5	5	10	11	18	27	64	105	141	176	194	142	140	1	1049
C81 Hodgkin disease	0	4	7	11	12	18	4	6	7	3	9	5	5	4	5	5	0	105
C82 Follicular (nodular) non 31odgkin lymphoma	0	0	0	0	1	1	0	2	6	6	3	10	8	4	3	3	0	47
C83 Diffuse non 31odgkin lymphoma	2	4	1	1	1	3	1	3	4	5	7	8	8	14	11	8	0	81
C84 Peripheral and cutaneous T cell lymphoma	0	0	3	0	3	2	2	1	1	1	2	1	3	3	0	1	0	23
C85 Other and unspecified types of non-hodgkin lymphoma	1	2	3	9	11	4	8	8	16	12	27	42	37	36	37	39	0	292
C88 Immunoproliferative diseases	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
C90 Multiple myeloma and malignant plasma cell neoplasms	0	0	0	1	0	0	0	1	10	15	19	20	23	32	38	25	0	184
C91 Lymphoid leukemia	19	9	6	3	2	1	5	1	3	2	3	4	10	3	5	5	0	81
C92 Myeloid leukemia	7	3	2	3	2	6	3	12	6	14	17	17	15	23	13	25	2	170
C93 Monocytic leukemia	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	0	5
C94 Other leukemias of specified cell type	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	2	0	5
C95 Leukemia of unspecified cell type	13	10	9	3	5	5	2	2	2	4	2	5	3	4	1	8	0	78

Table 9 continued ...

ICD 10 site	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+	unknown	Total
C96 Other and unspecified malignant neoplasms of lymphoid, haemopoietic and related tissue	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3
D45 Polycythaemia vera	0	0	0	0	0	0	1	2	1	3	0	0	3	0	0	3	1	14
D46 Myelodysplastic syndromes	0	0	0	0	0	0	1	1	1	3	1	0	4	6	10	11	2	40
D47 Uncertain or unknown behaviour of lymphoid, haematopoietic and related tissue	0	0	0	0	0	0	1	1	0	2	0	7	3	2	4	1	1	22
Total	141	72	75	90	97	167	189	318	490	781	1453	1955	2323	2536	2079	2109	42	14917

Table 10: Number of cancers by five-year age groups and ICD 10 site, among females in Sri Lanka 2018

ICD 10 site	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+	unknown	Total
C00 Lip	0	1	0	0	0	3	1	2	1	4	5	11	11	9	8	13	0	69
C01 Base of tongue	0	0	0	0	0	0	0	1	0	1	3	3	2	5	6	1	0	22
C02 Other and unspecified parts of tongue	0	0	0	0	0	0	0	4	2	5	14	14	27	20	17	14	0	117
C03 Gum	0	0	0	0	0	0	0	1	0	1	5	4	4	6	7	12	1	41
C04 Floor of mouth	0	0	0	0	1	0	0	0	1	1	5	5	5	6	4	4	0	32
C05 Palate	0	0	1	1	1	0	1	1	3	2	7	8	6	7	3	9	0	50
C06 Other and unspecified parts of mouth	0	0	0	0	0	0	0	6	5	14	19	32	39	48	50	67	0	280
C07 Parotid gland	0	0	1	2	1	2	1	3	3	2	6	6	3	1	1	3	0	35
C08 Other and unspecified major salivary glands	0	0	0	0	0	0	0	1	0	0	0	2	2	3	1	2	0	11
C09 Tonsils	0	0	0	0	0	0	0	2	0	0	4	2	2	2	2	3	0	17
C10 Oropharynx	0	0	0	0	0	0	1	1	0	0	2	1	3	1	3	2	0	14
C11 Nasopharynx	0	0	0	2	0	0	0	1	1	0	2	0	3	1	1	1	0	12
C12 Piriformis sinus	0	0	0	0	0	0	0	3	0	1	3	2	5	5	2	6	0	27
C13 Hypopharynx	0	0	0	0	0	0	1	0	1	1	4	2	9	6	0	10	0	34
C14 Other and ill-defines sites in the lip, oral cavity and pharynx	0	0	0	0	0	0	0	1	0	0	2	4	0	4	1	4	0	16
C15 Oesophagus	0	0	0	0	0	1	2	6	16	27	61	91	124	135	155	191	6	815
C16 Stomach	0	0	0	0	0	2	3	2	2	14	15	22	20	30	32	33	1	176
C17 Small Intestine	0	0	0	0	0	0	0	1	3	4	4	10	5	5	5	5	0	40
C18 Colon	0	0	0	4	2	7	10	21	25	29	74	68	94	96	63	96	1	590
C19 Rectosigmoid junction	0	0	0	0	1	1	1	0	2	9	10	14	17	16	7	13	0	91
C20 Rectum	0	0	0	0	4	2	10	12	17	25	49	66	69	75	75	82	2	488
C21 Anus and anal canal	0	0	0	0	0	0	0	1	2	6	6	9	12	16	9	12	1	74
C22 Liver and intrahepatic bile ducts	4	0	0	1	0	3	3	4	5	5	10	17	15	15	20	25	1	128
C23 Gallbladder	0	0	0	0	0	0	1	3	4	6	9	7	6	8	15	5	0	64
C24 Other and unspecified parts of biliary tract	0	0	0	0	0	0	0	2	1	5	10	9	9	4	8	7	0	55

Table 10 continued ...

ICD 10 site	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+	unknown	Total
C25 Pancreas	1	0	1	0	0	0	3	1	6	2	3	9	13	13	14	14	0	80
C26 Other and ill-defined digestive organs	0	0	0	1	0	0	0	3	0	2	7	3	2	1	1	7	0	27
C30 Nasal cavity and middle ear	0	0	0	0	0	2	0	1	1	0	0	2	2	1	2	2	0	13
C31 Accessory sinuses	0	0	0	0	0	0	0	0	1	1	0	1	1	4	2	3	0	13
C32 Larynx	0	0	0	0	0	0	1	6	3	2	4	6	10	12	14	23	0	81
C34 Bronchus and lung	0	0	0	0	1	7	9	11	24	37	41	51	86	84	57	48	0	456
C37 Thymus	0	0	0	0	0	0	0	0	0	4	3	4	5	2	3	3	0	24
C38 Heart, mediastinum and pleura	2	1	1	0	0	0	1	0	3	1	4	1	6	1	2	4	0	27
C39 Other and ill-defined sites in the respiratory system and intrathoracic organs	0	0	1	0	0	0	0	0	0	0	1	0	4	2	0	0	0	8
C40 Bone and articular cartilage of limbs	4	2	5	7	0	1	0	3	2	1	2	3	2	1	5	1	0	39
C41 Bone and articular cartilage of other and unspecified sites	3	1	3	7	1	2	0	2	6	1	2	8	3	2	2	2	0	45
C43 Melanoma of skin	0	0	0	0	0	0	0	0	0	3	2	5	3	7	6	12	0	38
C44 Other malignant neoplasms of skin	0	1	1	0	2	4	4	14	8	18	20	26	26	35	46	67	0	272
C45 Mesothelioma	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
C47 Peripheral nerves and autonomic nervous system	3	0	0	0	0	1	1	1	3	0	1	0	1	0	0	1	0	12
C48 Retroperitoneum and peritoneum	3	0	0	0	0	0	0	0	4	1	1	4	4	4	4	3	0	28
C49 Other connective and soft tissue	20	7	3	4	3	2	8	5	13	11	13	7	25	16	5	15	0	157
C50 Breast	0	0	0	5	12	31	92	193	326	506	515	510	508	463	337	274	6	3778
C51 Vulva	0	0	0	0	0	0	0	0	0	2	2	5	17	13	14	8	0	61
C52 Vagina	3	0	0	0	0	1	1	0	3	5	9	9	20	10	6	16	0	83
C53 Cervix uteri	0	0	0	1	3	2	7	39	68	108	146	155	187	140	104	111	2	1073
C54 Corpus uteri	0	0	0	0	1	2	7	13	19	26	67	83	116	108	55	46	2	545
C55 Uterus unspecified	0	1	0	0	1	2	7	11	17	28	49	76	106	81	50	46	0	475

Table 10 continued ...

ICD 10 site	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+	unknown	Total
C56 Ovary	1	2	10	10	17	23	26	38	51	72	129	139	146	136	75	62	1	938
C57 Other and unspecified female genital organs	1	0	0	1	0	1	3	1	4	10	12	11	16	15	11	4	0	90
C58 Placenta	0	0	0	0	4	6	1	1	2	2	2	0	0	1	0	1	0	20
C64 Kidney	12	7	1	0	1	0	2	5	9	7	15	11	12	15	19	11	1	128
C65 Renal pelvis	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	2	0	5
C66 Ureter	0	0	0	0	0	0	0	0	0	0	2	0	1	1	5	0	0	9
C67 Bladder	0	0	0	0	0	0	3	3	0	8	4	16	27	23	20	33	0	137
C68 Other and unspecified urinary organs	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3
C69 Eye and adnexa	23	9	2	0	0	0	0	0	0	1	2	1	3	2	0	3	0	46
C70 Meninges	0	1	0	0	0	0	1	4	3	6	1	2	1	4	1	1	0	25
C71 Brain	7	5	5	6	3	6	14	11	12	17	7	16	16	15	9	5	0	154
C72 Spinal cord, cranial nerves and other parts of central nervous system	0	0	0	0	0	0	1	0	0	1	1	1	2	0	1	0	0	7
C73 Thyroid gland	2	0	9	48	116	148	224	276	239	225	204	133	121	79	39	31	2	1896
C74 Adrenal gland	1	1	0	0	0	0	0	0	0	0	2	1	1	1	0	0	0	7
C75 Other endocrine glands and related structures	0	0	1	0	0	1	0	0	1	1	0	2	0	0	0	2	0	8
C76 Other and ill-defined sites	0	1	0	1	1	0	0	4	3	4	2	13	5	10	7	12	0	63
C77 Secondary and unspecified malignant neoplasm of lymph nodes	0	1	0	0	0	0	0	2	0	2	2	2	6	6	5	4	0	30
C80 Unknown primary	0	0	2	4	6	5	11	21	40	47	78	94	117	110	103	116	1	755
C81 Hodgkin disease	0	0	2	8	10	7	12	3	3	1	2	0	9	7	6	2	0	72
C82 Follicular (nodular) non 35odgkin lymphoma	0	0	0	0	0	0	2	0	3	3	1	4	6	3	3	5	0	30
C83 Diffuse non 35odgkin lymphoma	1	4	2	1	1	0	2	3	4	4	7	7	19	6	11	5	0	77

Table 10 continued ...

ICD 10 site	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+	unknown	Total
C84 Peripheral and cutaneous T cell lymphoma	0	0	2	2	1	1	2	3	0	1	1	1	2	2	0	3	0	21
C85 Other and unspecified types of non-hodgkin lymphoma	0	1	2	8	5	6	3	9	5	22	26	31	32	33	26	36	0	245
C88 Immunoproliferative diseases	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	1	0	5
C90 Multiple myeloma and malignant plasma cell neoplasms	0	0	0	0	0	0	1	5	2	7	15	21	27	40	33	20	1	172
C91 Lymphoid leukemia	13	9	6	4	0	0	0	1	1	2	2	6	5	12	5	5	2	71
C92 Myeloid leukemia	5	1	4	5	3	7	6	9	14	11	13	17	22	17	14	15	1	164
C93 Monocytic leukemia	1	0	0	0	1	0	0	2	1	0	3	0	2	1	2	0	0	13
C94 Other leukemias of specified cell type	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	4
C95 Leukemia of unspecified cell type	9	6	3	4	2	0	2	0	2	5	3	4	3	6	2	3	0	54
C96 Other and unspecified malignant neoplasms of lymphoid, haemopoietic and related tissue	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
D45 Polycythaemia vera	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	3
D46 Myelodysplastic syndromes	0	0	0	0	0	1	0	0	0	1	2	2	3	4	3	5	2	23
D47 Uncertain or unknown behaviour of lymphoid, haematopoietic and related tissue	0	0	0	0	0	0	0	0	0	0	3	4	4	0	8	4	0	23
Total	121	62	68	137	206	290	492	786	1000	1383	1762	1917	2251	2076	1635	1716	34	15936

Table 11 : Number of cancers by five-year age group and ICD 10 site categories among males in Sri Lanka 2018

Cancer Registry (2018)

Cancer Incidence Data 2018

Cases by age group (Period) - Male

SITE	ALL AGE GROUPS UNK	Cases by age group (Period) - Male											75+	ICD (10M)						
		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	(%)	
Lip	252	1	1	1	1	1	1	3	3	9	22	32	38	48	31	26	C00			
Tongue	795	4	1	1	1	5	7	17	39	68	125	140	116	123	82	68	C01-02			
Mouth	1364	3	3	1	2	1	8	31	46	101	187	214	203	220	181	163	C03-06			
Salivary glands	82	0	0	0	0	0	2	4	7	7	10	11	8	13	10	6	C07-08			
Tonsil	152	0	0	2	1	1	2	4	4	16	21	31	17	21	19	14	C09			
Other oropharynx	150	0	0	0	0	1	1	4	4	16	27	30	29	19	22	9	C10			
Nasopharynx	33	0	0	0	0	1	1	2	2	2	1	1	8	9	2	1	C11			
Hypopharynx	314	0	0	0	0	1	1	2	2	12	12	34	47	64	56	44	C12-13			
Pharynx unspecified	128	1	1	1	1	1	2	6	14	16	16	20	28	21	7	13	C14			
Oesophagus	1136	2	1	1	2	1	3	4	22	58	132	181	209	225	154	143	C15			
Stomach	415	1	1	1	1	4	2	5	8	17	47	74	78	69	63	47	C16			
Small intestine	67	1	1	1	1	4	4	5	5	2	10	7	12	10	10	6	C17			
Colon	530	2	1	1	2	5	10	20	18	24	53	74	90	90	64	78	C18			
Rectum	631	1	1	1	1	2	2	10	13	23	48	85	96	115	112	125	C19-20			
Anus	79	0	0	0	0	2	1	1	1	2	9	10	10	15	14	14	C21			
Liver	379	3	2	1	1	1	2	2	13	20	32	36	78	65	71	51	C22			
Gallbladder etc.	89	0	0	0	0	1	3	4	3	5	8	5	16	18	9	17	C23-24			
Pancreas	91	0	0	0	0	1	3	1	4	7	7	12	11	18	14	13	C25			
Nose, sinuses etc.	67	0	0	0	0	1	2	1	2	5	7	18	4	15	3	10	C30-31			
Larynx	712	1	1	1	1	2	1	4	15	26	83	116	138	128	97	102	C32			
Trachea, bronchus and lung	1908	5	1	1	1	2	2	3	14	21	39	110	203	279	217	179	C33-34			
Other thoracic organs	75	1	3	3	3	3	5	3	3	6	4	10	10	11	5	3	C37-38			
Bone	79	0	2	12	15	3	9	3	2	3	2	3	4	2	6	8	3	C40-41		
Melanoma of skin	38	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	C42		
Other skin	346	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	C43		
Mesothelioma	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C44		
Kaposi sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C45		
Connective and soft tissue	145	0	10	4	5	6	3	4	8	7	6	10	12	19	21	11	11	C46		
Breast	136	0	0	0	0	0	0	0	2	3	8	6	17	20	17	25	18	20	C47, C49	
Penis	145	0	0	0	0	0	1	1	1	6	21	13	30	19	12	34	0	C60		
Prostate	1112	4	1	1	2	2	2	7	12	32	49	152	238	261	359	261	359	C61		
Testis	57	0	1	1	3	4	14	8	2	6	2	1	3	1	2	3	4	0	C62	
Other male genital organs	6	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	C63	
Kidney	280	0	11	4	1	1	1	3	10	10	20	21	28	53	57	39	22	0	C64	
Renal pelvis	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C65	
Ureter	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C66	
Bladder	573	7	1	1	1	1	4	3	6	7	20	41	53	95	121	99	122	0	C67	
Other urinary organs	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C68	
Eye	54	0	29	8	1	1	1	1	2	2	2	2	3	5	4	3	0	0	C69	
Brain, nervous system	216	0	8	9	8	4	12	15	7	20	15	26	22	16	16	17	8	0	C70-72	
Thyroid	415	0	4	4	10	12	31	44	46	50	45	31	41	33	35	20	13	0	C73	
Adrenal gland	17	1	4	5	1	1	1	2	2	2	2	1	1	1	1	1	1	0	C74	
Other endocrine	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C75	
Hodgkin disease	105	0	4	7	11	12	18	4	6	7	3	9	5	5	4	5	5	0	C81	
Non-Hodgkin lymphoma	444	0	5	6	7	10	16	10	11	13	28	24	39	61	56	51	51	0	C82-85, C96	
Immunoproliferative diseases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C88	
Multiple myeloma	184	0	0	0	0	0	0	0	1	10	15	19	20	21	32	38	25	0	C90	
Lymphoid leukaemia	81	0	19	9	6	3	2	1	5	1	3	2	3	4	10	3	5	0	C91	
Myeloid leukaemia	180	2	7	3	2	3	2	6	4	12	6	15	17	18	16	24	15	28	0	C92-94
Leukaemia unspecified	78	0	13	10	9	3	5	5	2	2	2	4	2	3	4	1	8	0	C95	
Myeloproliferative disorders	36	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MPD
Myelodysplastic syndromes	40	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MDS
Other and unspecified	1282	2	8	3	8	9	7	12	13	26	38	71	128	169	216	232	168	172	0	O&U
All sites	14917	42	141	72	75	90	97	167	190	318	490	781	1452	1955	2323	2536	2079	2109	0	ALL
All sites but C44	14571	42	141	72	75	89	96	166	187	308	471	759	1412	1909	2270	2497	2050	2047	0	ALL/C44

Table built Tue Oct 12 12:03:18 IST 2021 by CanReg5.

Table 12: Number of cancers by five-year age group and ICD 10 site categories among females in Sri Lanka 2018

Cancer Registry (2018)

Cancer Incidence Data 2018

Cases by age group (Period) - Female

SITE	ALL AGE AGES LINK	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75+	(%)	ICD (I/line)	
Lip	69		1				3	1	2	1	4	5	11	11	9	8	13	0.4	C00	
Tongue	139								5	2	6	17	17	20	25	23	15	0.9	C01-02	
Mouth	403			1	1	2		1	8	9	18	36	49	54	67	64	92	2.6	C03-06	
Salivary glands	46								2	4	2	6	8	5	4	5	5	0.3	C07-08	
Tonsil	17								2	2	2	4	2	2	2	2	3	0.1	C09	
Other oropharynx	14								1	1	1	2	2	3	1	3	2	0.1	C10	
Nasopharynx	12				2				1	1	1	2	2	1	1	1	1	0.1	C11	
Hypopharynx	61							1	3	1	2	7	4	14	11	2	16	0.4	C12-13	
Pharynx unspecified	16								1	1	2	2	4	4	4	1	4	0.1	C14	
Oesophagus	815						1	2	6	16	27	61	91	124	135	155	191	5.2	C15	
Stomach	176						2	3	2	3	4	15	22	20	30	32	33	1.1	C16	
Small intestine	40								1	3	4	4	10	5	5	5	5	0.3	C17	
Colon	590				4	2	7	10	21	25	29	74	68	94	96	63	96	3.8	C18	
Rectum	579					5	3	11	12	19	34	59	80	86	91	82	95	3.7	C19-20	
Anus	74								1	2	6	6	9	12	16	9	12	0.5	C21	
Uterus	128		4				3	3	4	5	5	10	17	15	15	20	25	0.8	C22	
Gallbladder etc.	119							1	5	5	11	19	16	15	12	23	12	0.8	C23-24	
Pancreas	80							3	1	6	2	3	9	13	13	14	14	0.5	C25	
Nose, sinuses etc.	26								2	1	2	1	3	3	3	5	4	0.2	C30-31	
Larynx	81								1	6	3	2	4	6	10	12	14	0.5	C32	
Trachea, bronchus and lung	456						1	7	9	11	25	37	41	51	86	84	56	2.9	C33-34	
Other thoracic organs	51		2	1	1			1	3	3	5	7	5	11	3	5	7	0.3	C37-38	
Bone	84		7	3	8	14	1	3	5	8	2	4	11	5	3	7	3	0.5	C40-41	
Melanoma of skin	38							2	4	8	18	20	26	26	35	46	67	0.2	C43	
Other skin	272																	1.7	C44	
Mesothelioma	3								2		1							0.0	C45	
Kaposi sarcoma	0																	0.0	C46	
Connective and soft tissue	169		23	7	3	4	3	9	6	16	11	14	7	26	16	5	16	1.1	C47-C49	
Breast	3778					5	12	31	92	193	326	506	515	510	508	463	337	24.1	C50	
Vulva	61									2	2	2	5	17	13	14	8	0.4	C51	
Vagina	83									3	5	9	9	20	10	6	16	0.5	C52	
Cervix uteri	1073		3			1	3	2	7	39	68	108	146	155	187	140	104	11.1	C53	
Corpus uteri	545						1	2	7	13	19	26	67	83	116	108	55	46	3.5	C54
Uterus unspecified	475						1	2	7	11	17	28	49	76	106	81	46	3.0	C55	
Ovary	938		7	2	10	10	23	26	38	51	72	120	139	146	136	75	62	6.0	C56	
Other female genital organs	90						1	3	1	4	10	12	11	16	15	11	4	0.6	C57	
Placenta	20							1	1	2	2	2	1	1	1	1	1	0.1	C58	
Kidney	128		7	1				2	5	9	7	15	11	12	15	19	11	0.8	C64	
Renal pelvis	5													1	1	1	2	0.0	C65	
Ureter	9													1	1	1	5	0.1	C66	
Bladder	137										8	4	16	27	23	20	33	0.9	C67	
Other urinary organs	3													1	1	1	1	0.0	C68	
Eye	46		23	9	2					1	1	2	1	3	2	2	3	0.3	C69	
Brain, nervous system	180		6	5	6	3	6	16	15	24	9	19	19	19	19	31	7.2	C70-72		
Thyroid	1896		2	7	9	48	116	148	224	276	239	204	193	121	79	39	31	12.1	C73	
Adrenal gland	7		1	1										1	1	1	1	0.0	C74	
Other endocrine	8									1	1	1	2	1	1	1	2	0.0	C75	
Hodgkin disease	72			2	8	10	7	12	3	3	1	2	1	9	7	6	2	0.5	C81	
Non-Hodgkin lymphoma	373		2	5	11	7	7	9	16	12	30	35	43	59	44	39	49	2.4	C82-85,C86	
Immunoproliferative diseases	5													1	1	1	1	0.0	C88	
Multiple myeloma	172							1	5	2	7	15	21	27	40	33	20	1.1	C90	
Lymphoid leukaemia	71		13	9	6	4				1	2	2	6	5	12	5	3	0.5	C91	
Myeloid leukaemia	181		7	1	4	5	4	7	6	11	15	12	16	17	23	19	16	1.2	C92-94	
Leukaemia unspecified	54		9	6	3	4	2			2	5	3	4	3	6	2	3	0.3	C95	
Myeloproliferative disorders	26																	0.2	MPD	
Myelodysplastic syndromes	23																	0.1	MDS	
Other and unspecified	913		3	2	4	6	7	5	11	30	47	56	91	116	138	133	121	5.8	Other	
All sites	15936		121	62	68	137	206	290	492	786	1001	1383	1762	1917	2251	2076	1634	1716	100.0	ALL sites
All sites but C44	15664		121	61	67	137	204	286	488	772	993	1365	1742	1891	2225	2041	1588	1649	100.0	ALL sites but C44

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Table 13: Age specific incidence rate, Crude incidence rate, Age standardized incidence rate per 100,000 population and Cumulative risk of cancers by five-year age group and ICD 10 site categories among males in Sri Lanka, 2018

Cancer Registry (2018)

Incidence per 100,000 by age group (Period) - Male

SITE	ALL AGE AGES LINK	Incidence per 100,000 by age group (Period) - Male										CRUDE RATE	CUM CUM 0-74	ASR ICD (1/m)					
		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
Lip	252	0	-	-	-	0.1	0.1	0.4	0.4	1.3	3.3	5.2	7.1	10.6	12.6	16.1	10.9	2.2	C00
Tongue	795	4	-	-	-	0.1	0.6	0.8	2.3	5.5	10.3	20.2	26.3	25.7	40.8	42.5	28.5	7.6	C01-C02
Mouth	364	3	-	-	-	0.3	0.1	0.9	4.2	6.5	15.4	30.2	40.2	44.9	73.0	93.7	68.4	13.0	C03-C06
Salivary glands	82	0	-	0.2	-	-	-	0.1	0.2	1.0	1.1	1.6	2.1	1.8	4.3	5.2	2.5	0.8	C07-C08
Tonsil	152	3	-	-	-	-	-	0.1	0.1	0.6	2.4	3.4	5.8	3.8	7.0	9.8	5.9	1.4	C09
Other oropharynx	130	0	-	-	-	-	-	0.1	0.1	0.7	1.1	4.4	5.6	6.4	6.3	11.4	3.8	1.4	C10
Nasopharynx	33	0	-	-	0.1	-	-	0.1	0.2	0.3	0.2	0.2	1.5	2.0	0.7	0.5	1.3	0.3	C11
Hypopharynx	314	0	-	-	-	-	-	0.1	0.2	1.7	1.8	5.5	8.8	14.2	18.6	22.8	17.6	3.0	C12-C13
Pharynx unspecified	128	1	-	-	-	-	-	0.3	0.9	2.1	2.6	3.8	6.2	7.0	8.6	5.5	1.2	0.9	C14
Oesophagus	1136	2	-	-	0.2	-	-	0.1	0.4	0.5	3.1	8.8	21.3	34.0	46.2	74.7	60.0	10.8	C15
Stomach	415	1	-	-	-	-	-	0.5	0.2	0.7	1.1	2.6	7.6	13.9	17.2	22.9	32.6	4.0	C16
Small intestine	67	1	-	-	-	-	-	0.5	0.7	0.3	1.6	1.3	2.7	3.3	3.3	5.2	2.5	0.6	C17
Colon	530	2	-	-	0.3	-	-	0.6	1.2	2.7	2.6	8.6	13.9	19.6	29.9	33.1	32.7	5.1	C18
Rectum	631	1	-	-	-	-	-	0.1	0.2	1.4	1.8	3.5	7.8	16.0	21.2	38.0	52.4	6.0	C19-C20
Anus	79	0	-	-	-	-	-	0.3	0.1	0.1	0.3	1.5	1.9	2.2	5.0	7.2	5.9	0.8	C21
Liver	379	3	1.3	0.2	0.1	0.1	-	0.2	0.3	1.8	3.0	3.6	6.8	17.2	21.6	36.8	21.4	3.6	C22
Gallbladder etc.	89	0	-	-	-	0.1	-	0.4	0.3	0.4	0.8	1.8	0.9	3.5	6.0	4.7	7.1	0.8	C23-C24
Pancreas	91	0	-	-	-	-	-	0.1	0.4	0.1	0.6	1.1	1.1	2.3	2.4	6.0	7.2	0.9	C25
Nose, sinuses etc.	67	0	-	-	-	-	-	0.3	0.1	-	0.3	0.8	1.1	3.4	0.9	5.0	1.6	0.6	C30-C31
Larynx	712	1	-	-	-	-	-	0.2	0.5	2.1	4.0	3.4	21.8	30.5	42.5	50.2	42.8	6.8	C32
Trachea, bronchus and lung	1303	5	0.1	-	0.1	-	-	0.3	0.3	1.0	3.0	5.9	17.8	38.1	49.8	92.6	112.4	12.4	C33-C34
Other thoracic organs	73	1	0.3	-	0.3	0.4	0.6	0.4	0.4	0.9	0.6	1.9	2.2	3.6	2.6	1.3	0.7	0.5	C35-C38
Breast	79	0	0.2	0.2	1.4	1.7	0.4	1.1	0.4	0.3	0.4	0.3	0.8	0.4	2.0	4.1	1.3	0.8	C40-C41
Melanoma of skin	38	0	-	0.1	-	0.1	-	0.1	-	-	-	-	-	-	-	-	-	0.4	C43
Other skin	346	0	-	-	-	0.1	-	0.1	0.1	0.4	1.4	2.7	3.1	6.5	8.6	11.7	12.9	3.3	C44
Mesothelioma	4	0	-	-	-	-	-	-	-	-	-	-	-	0.4	0.3	0.5	-	0.0	C45
Kaposi sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C46
Connective and soft tissue	145	0	1.1	0.4	0.6	0.7	0.4	0.5	0.9	1.1	0.9	1.6	2.3	4.2	7.0	5.7	4.6	1.4	C47-C49
Breast	136	0	-	-	-	-	-	-	0.2	0.4	1.1	0.9	2.7	3.8	3.8	8.3	8.4	1.3	C50
Penis	145	0	-	-	-	-	-	-	0.1	1.0	0.9	3.6	2.4	6.6	6.3	6.2	14.3	1.4	C51
Prostate	112	4	0.1	0.1	-	0.3	-	0.2	0.3	1.0	1.8	3.6	9.2	33.6	79.0	135.1	150.6	10.6	C52
Testis	57	0	0.3	-	0.1	0.3	0.5	1.8	0.9	0.3	0.2	0.6	0.2	0.7	1.6	1.7	0.5	0.4	C53
Other male genital organs	6	0	0.1	-	-	0.1	-	0.1	-	0.2	-	-	-	-	0.7	-	-	0.1	C54
Kidney	280	0	1.2	0.4	-	0.1	0.1	0.4	1.4	1.4	3.0	3.4	5.3	11.7	18.9	20.2	9.2	2.7	C55
Renal pelvis	3	0	-	-	-	-	-	-	-	0.1	-	-	-	0.7	-	-	-	0.0	C56
Ureter	9	0	-	-	-	-	-	-	-	0.1	-	-	-	0.4	1.0	1.6	-	0.1	C57
Bladder	573	1	-	-	-	-	-	0.1	0.5	0.8	1.0	3.0	6.6	9.9	21.0	51.3	51.2	5.3	C58
Other urinary organs	5	0	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.7	0.5	0.0	C59
Eye	54	0	3.1	0.9	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.3	1.7	2.1	2.1	1.3	0.5	C60
Brain, nervous system	276	0	0.9	1.0	0.9	0.5	1.5	1.9	0.8	2.7	7.8	4.2	4.1	3.5	5.3	8.8	3.4	2.1	C61-C62
Thyroid	415	0	0.4	0.5	1.1	1.5	3.9	5.2	6.3	7.1	6.8	5.0	7.7	7.3	11.6	10.4	5.5	4.0	C63
Adrenal gland	17	1	0.4	0.5	-	0.1	-	0.3	-	0.1	-	0.3	-	0.2	0.3	-	-	0.2	C64
Other endocrine	4	0	-	-	0.1	-	0.1	-	0.1	-	-	-	-	-	-	-	-	0.0	C65
Hodgkin disease	105	0	0.4	0.8	1.3	1.5	2.3	0.5	0.8	1.0	0.5	1.5	0.9	1.1	1.3	2.6	2.1	4.2	C66
Non-Hodgkin lymphoma	444	0	0.5	0.6	0.8	1.1	2.0	1.3	1.3	1.8	4.0	3.6	6.3	11.5	12.4	18.6	21.4	1.0	C67
Immunoproliferative diseases	1	0	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	0.0	C68
Multiple myeloma	184	0	-	-	-	-	-	-	-	0.1	1.4	2.3	3.1	3.8	5.1	10.6	19.7	1.8	C69
Lymphoid leukaemia	81	0	2.0	1.0	0.7	0.3	0.3	0.1	0.6	0.1	0.4	0.3	0.5	0.8	2.2	1.9	2.6	0.8	C70
Myeloid leukaemia	180	2	0.7	0.3	0.2	0.3	0.8	0.5	1.6	0.9	2.3	2.7	3.4	3.5	8.0	7.8	11.7	1.7	C71
Leukaemia unspecified	78	0	1.4	1.1	1.0	0.3	0.6	0.6	0.2	0.3	0.3	0.6	0.3	0.9	0.7	1.3	0.5	0.7	C72
Melanocytic nevi	36	2	-	-	-	-	-	0.2	0.4	0.1	0.8	-	1.3	1.3	0.7	2.1	1.7	0.3	C73
Melanocytic nevi	40	2	-	-	-	-	-	0.1	0.1	0.1	0.1	0.2	-	0.9	2.0	5.2	4.6	0.4	C74
Other and unspecified	1282	2	0.9	0.3	0.9	1.0	0.9	1.5	1.5	3.6	5.4	10.8	20.7	31.7	47.8	77.0	87.0	12.2	C75
All sites	14917	42	15.0	7.7	8.5	10.3	12.3	21.1	22.3	43.6	69.6	118.7	234.9	367.0	513.7	841.5	1076.5	142.2	C76
All sites but C44	14571	42	15.0	7.7	8.5	10.2	12.2	21.0	21.9	42.2	66.9	115.4	228.5	358.4	502.0	828.5	1051.1	138.9	C77

Reference population: World Standard Population

Table built Wed Jun 23 09:58:21 IST 2021 by CamReg5.

Table 14: Age specific incidence rate, Crude incidence rate, Age standardized incidence rate per 100,000 population and Cumulative risk of cancers by five-year age group and ICD 10 site categories among females in Sri Lanka, 2018

Cancer Registry (2018)

SITE	ALL AGES AGES LYNC	Incidence per 100,000 by age group (Period) - Female										CRUDE RATE	CUM CUM (%)	ASR (/100)	ICD (10th)					
		0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50					50-55	55-60	60-65	65-70	70-75
Lip	69	-	-	-	-	-	0.3	0.1	0.3	0.1	0.6	0.7	1.8	2.1	2.4	3.3	3.7	0.5	C00	
Tongue	139	-	-	-	-	-	-	-	-	0.3	0.8	2.5	2.8	5.5	6.7	9.4	4.3	1.2	C01-02	
Mouth	403	-	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.3	0.8	2.5	2.8	5.5	6.7	9.4	4.3	3.6	C03-06	
Salivary glands	46	-	-	-	-	-	-	-	-	0.4	0.3	0.9	1.3	1.0	1.1	0.8	1.4	0.4	C07-08	
Tonsil	17	-	-	-	-	-	-	-	-	0.3	-	0.6	0.3	0.4	0.5	0.8	0.9	0.2	C09	
Other oropharynx	14	-	-	-	-	-	-	-	-	0.1	-	0.3	0.2	0.6	0.3	1.2	0.6	0.1	C10	
Nasopharynx	12	-	-	-	-	-	-	-	-	0.1	-	0.3	0.2	0.6	0.3	0.4	0.3	0.1	C11	
Hypopharynx	61	-	-	-	-	-	-	-	-	0.4	0.1	0.3	0.7	2.7	3.0	0.8	4.5	0.5	C12-13	
Pharynx unspecified	16	-	-	-	-	-	-	-	-	0.1	0.3	0.7	-	-	1.1	0.4	1.1	0.1	C14	
Oesophagus	815	6	-	-	-	-	0.1	0.2	0.8	2.2	3.8	9.0	15.2	23.7	36.4	63.3	54.2	7.9	C15	
Stomach	176	1	-	-	-	-	0.2	0.3	0.3	0.3	2.0	2.2	3.7	3.8	8.1	13.1	9.4	1.6	C16	
Small intestine	40	-	-	-	-	-	-	-	-	0.1	0.4	0.6	0.6	1.7	1.0	1.3	2.0	0.9	C17	
Colon	590	1	-	0.5	0.2	0.8	1.1	2.7	3.4	4.1	10.9	11.4	18.0	25.9	25.7	27.2	4.4	0.4	C18	
Rectum	579	2	-	-	0.6	0.3	1.2	1.6	2.6	4.8	8.7	13.4	16.4	24.5	35.5	27.0	5.3	3.8	C19-20	
Anus	74	-	-	-	-	-	-	-	-	0.1	0.3	0.8	0.9	1.5	2.4	4.3	3.4	0.7	C21	
Liver	128	1	-	0.1	-	-	0.3	0.3	0.3	0.7	0.7	1.5	2.8	2.9	4.0	8.2	7.1	1.1	C22	
Gallbladder etc.	119	0	-	-	-	-	-	-	-	0.1	0.6	0.7	1.5	2.8	2.9	3.2	9.4	1.1	C23-24	
Pancreas	80	0	0.1	-	-	-	-	0.3	0.1	0.8	0.3	0.4	1.5	2.5	3.5	5.7	4.0	0.7	C25	
Nose, sinuses etc.	26	0	-	-	-	-	-	0.2	-	0.1	0.3	0.1	-	0.5	0.5	1.3	1.6	0.2	C30-31	
Larynx	81	0	-	-	-	-	-	-	0.1	0.8	0.4	0.3	0.6	1.0	1.6	3.2	5.7	0.7	C32	
Trachea, bronchus and lung	456	0	-	-	-	-	0.1	0.8	1.0	1.4	3.2	5.2	6.0	8.5	16.4	23.3	13.6	4.1	C33-34	
Other thoracic organs	51	0	0.2	0.1	0.1	-	-	0.4	0.7	1.0	0.8	2.1	0.8	2.0	2.0	2.0	2.0	0.5	C35-38	
Blow	84	0	0.8	0.3	0.9	1.6	0.1	0.3	-	0.6	1.1	0.3	0.6	1.8	1.0	0.8	2.9	0.8	C39-41	
Melanoma of skin	38	0	-	-	-	-	-	-	-	0.4	0.5	0.8	0.8	0.6	1.9	2.5	3.4	0.3	C42	
Other skin	272	0	-	-	-	-	0.2	0.5	0.4	1.8	1.1	2.3	2.9	4.3	5.0	9.4	18.8	2.4	C43	
Mesothelioma	3	0	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	0.0	C45	
Kaposi sarcoma	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C46	
Connective and soft tissue	169	0	2.5	0.8	0.3	0.5	0.4	0.3	1.0	0.8	2.2	1.5	2.1	1.2	5.0	4.3	2.0	1.5	C47-C49	
Breast	3778	6	-	-	0.6	1.4	3.6	10.3	25.1	43.9	71.2	73.9	85.1	97.1	124.8	137.7	77.7	33.8	C50	
Vagina	61	0	0.3	-	-	-	-	-	-	0.3	0.3	0.8	3.2	3.5	3.5	2.5	2.3	0.5	C51	
Cervix uteri	1073	2	-	-	0.1	0.4	0.2	0.8	0.8	5.1	9.2	15.2	21.5	25.9	35.7	37.7	42.5	0.7	C52	
Corpus uteri	545	2	-	-	-	0.1	0.2	0.8	1.7	2.6	3.7	9.9	13.0	20.2	29.1	32.5	13.0	9.6	C53	
Uterus unspecified	475	0	-	-	-	0.1	0.2	0.8	1.4	2.3	3.9	7.2	12.7	20.3	31.8	30.4	13.0	4.2	C54	
Ovary	949	1	0.1	0.2	1.1	2.0	2.7	2.9	4.9	10.1	19.0	23.2	27.9	36.6	50.0	77.0	8.4	0.8	C55	
Other female genital organs	90	0	0.1	-	0.1	0.5	0.7	0.1	0.1	0.3	0.3	0.3	1.8	3.1	4.0	4.5	1.1	0.8	C56	
Placenta	20	0	-	-	-	-	-	-	-	0.5	0.7	0.1	0.1	0.3	0.3	0.3	0.3	0.2	C57	
Kidney	128	1	1.3	0.8	0.1	-	-	-	-	0.2	0.6	1.2	1.0	2.2	1.8	2.3	4.0	1.1	0.8	C58
Renal pelvis	5	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C59	
Ureter	5	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	C60	
Bladder	737	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	C61	
Other urinary organs	3	0	-	-	-	-	-	-	-	0.3	0.4	-	-	2.7	5.2	6.2	9.4	7.2	0.9	C62
Eye	46	0	2.5	1.0	0.2	-	-	-	-	0.1	0.3	0.2	0.6	0.5	0.5	0.6	0.3	0.0	0.0	C63
Brain, nervous system	766	0	0.8	0.7	0.6	0.7	0.4	0.7	1.8	7.9	3.4	7.3	3.2	3.6	5.7	4.5	7.7	0.4	0.3	C64-72
Thyroid	1896	2	0.2	-	1.0	5.5	13.8	17.2	25.0	35.9	32.2	31.7	30.1	32.2	33.1	21.3	15.9	17.0	12.1	C73
Adrenal gland	1	0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.0	C74
Other endocrine	8	0	-	-	-	-	-	-	-	0.1	0.1	0.1	0.3	0.2	0.2	0.3	-	0.1	0.1	C75
Hodgkin disease	72	0	-	-	0.2	0.9	1.2	0.8	1.3	0.4	0.4	0.1	0.3	1.7	1.9	2.5	0.6	0.6	0.5	C76
Non-Hodgkin lymphoma	373	0	0.2	0.5	0.6	1.3	0.8	0.8	1.0	2.1	1.6	4.2	5.2	7.2	11.9	15.9	13.9	3.3	2.4	C77
Immunoproliferative diseases	5	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	C78
Multiple myeloma	172	1	-	-	-	-	-	-	-	0.1	0.6	0.3	1.0	2.2	3.5	5.2	10.8	1.5	1.1	C79
Lymphoid leukaemia	71	2	1.4	1.0	0.7	0.5	-	-	-	0.1	0.3	0.3	1.0	1.0	3.2	2.0	0.9	0.6	0.5	C80
Myeloid leukaemia	181	1	0.8	0.1	0.5	0.6	0.5	0.8	0.7	1.4	2.0	1.7	2.4	2.8	4.8	5.1	6.5	1.6	1.2	C81-94
Leukaemia unspecified	54	0	1.0	0.7	0.3	0.5	0.2	-	-	0.1	0.7	0.4	0.7	0.6	1.6	0.8	0.9	0.5	0.3	C95
Myelodysplastic disorders	26	0	-	-	-	-	-	-	-	-	0.4	0.7	1.0	-	3.7	1.7	-	0.2	0.2	C96
Myelodysplastic syndromes	23	2	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.4	-	0.2	0.1	C97
Other and unspecified	913	1	0.3	0.2	0.5	0.7	0.8	0.6	1.2	3.9	6.1	7.9	19.4	26.4	35.8	49.4	40.3	8.2	5.8	C98-100
All sites	15936	34	13.1	6.7	7.9	15.6	24.5	33.7	54.9	102.2	134.8	194.7	259.6	320.1	430.2	559.4	486.8	142.6	8.0	C101-113
All sites but C44	15664	34	13.1	6.6	7.8	15.6	24.2	33.2	54.4	100.3	133.7	192.2	256.7	315.7	425.2	550.0	649.3	140.1	10.0	C114-119.3

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Reference population: World Standard Population

Table 15: Lip, tongue and mouth cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	2411	16.2	21.3	2.7
Female	611	3.8	4.4	0.6

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site		Male	Female
C00.0	External upper lip	175	39
C00.1	External lower lip	31	11
C00.2	External lip, unspecified	3	1
C00.3	Mucosa of upper lip	0	1
C00.4	Mucosa of lower lip	6	0
C00.6	Commissure of lip	24	15
C00.8	Overlapping lesion of lip	3	0
C00.9	Lip, NOS	10	2
C01.9	Base of tongue, NOS	174	22
C02.0	Dorsal surface of tongue	29	4
C02.1	Border of tongue	179	28
C02.2	Ventral surface of tongue	27	4
C02.3	Anterior 2/3 of tongue,	11	3
C02.4	Lingual tonsil	2	0
C02.8	Overlapping lesion of tongue	6	1
C02.9	Tongue, NOS	367	77
C03.0	Upper gum	26	9
C03.1	Lower gum	30	9
C03.9	Gum, NOS	54	23
C04.0	Anterior floor of mouth	10	1
C04.1	Lateral floor of mouth	16	5
C04.8	Overlapping lesion of mouth	3	0
C04.9	Floor of mouth, NOS	142	26
C05.0	Hard palate	14	11
C05.1	Soft palate, NOS	155	13
C05.2	Uvula	16	2
C05.8	Overlapping lesion of palate	4	2
C05.9	Palate, NOS	76	22
C06.0	Cheek mucosa	546	196
C06.1	Vestibule of mouth	34	13
C06.2	Retromolar area	77	15
C06.8	Overlapping lesion of other/unspecified parts of mouth	18	7
C06.9	Mouth, NOS	143	49
Total		2411	611

ICD O Code and histology		Male	Female
8000	Neoplasm, malignant	132	39
8001	Tumor cells, malignant	2	1
8010	Carcinoma, NOS	21	8
8022	Pleomorphic carcinoma	3	1

Table 15 continued ...

ICD O Code and histology		Male	Female
8032	Spindle cell carcinoma, NOS	4	2
8050	Papillary carcinoma, NOS	1	1
8051	Verrucous carcinoma, NOS	59	11
8070	Squamous cell carcinoma, NOS	1955	474
8071	Squamous cell carcinoma, keratinizing	108	18
8072	Squamous cell carcinoma, large cell, non keratinizing, NOS	3	0
8073	Squamous cell carcinoma, small cell, nonkeratinizing	1	0
8074	Squamous cell carcinoma, spindle cell	1	2
8076	Squamous cell carcinoma, microinvasive	54	11
8083	Basaloid squamous cell carcinoma	17	0
8098	Adenoid basal carcinoma	0	1
8140	Adenocarcinoma, NOS	8	4
8200	Adenoid cystic carcinoma	12	11
8210	Adenocarcinoma in adenomatous polyp	1	0
8290	Oxyphilic adenocarcinoma	1	0
8430	Mucoepidermoid carcinoma	13	18
8490	Signet ring cell carcinoma	0	1
8503	Intraductal papillary adenocarcinoma with invasion	1	0
8525	Polymorphous low grade adenocarcinoma	2	1
8550	Acinar cell carcinoma	3	3
8560	Adenosquamous carcinoma	1	0
8562	Epithelial-myoepithelial carcinoma	3	0
8720	Malignant melanoma, NOS (except juvenile melanoma)	0	2
8801	Spindle cell sarcoma	1	0
8890	Leiomyosarcoma, NOS	0	1
8894	Angiomyosarcoma	0	1
8910	Embryonal rhabdomyosarcoma, NOS	1	0
8980	Carcinosarcoma, NOS	1	0
9120	Haemangio sarcoma	1	0
9580	Granular cell tumor, malignant	1	0
Total		2411	611

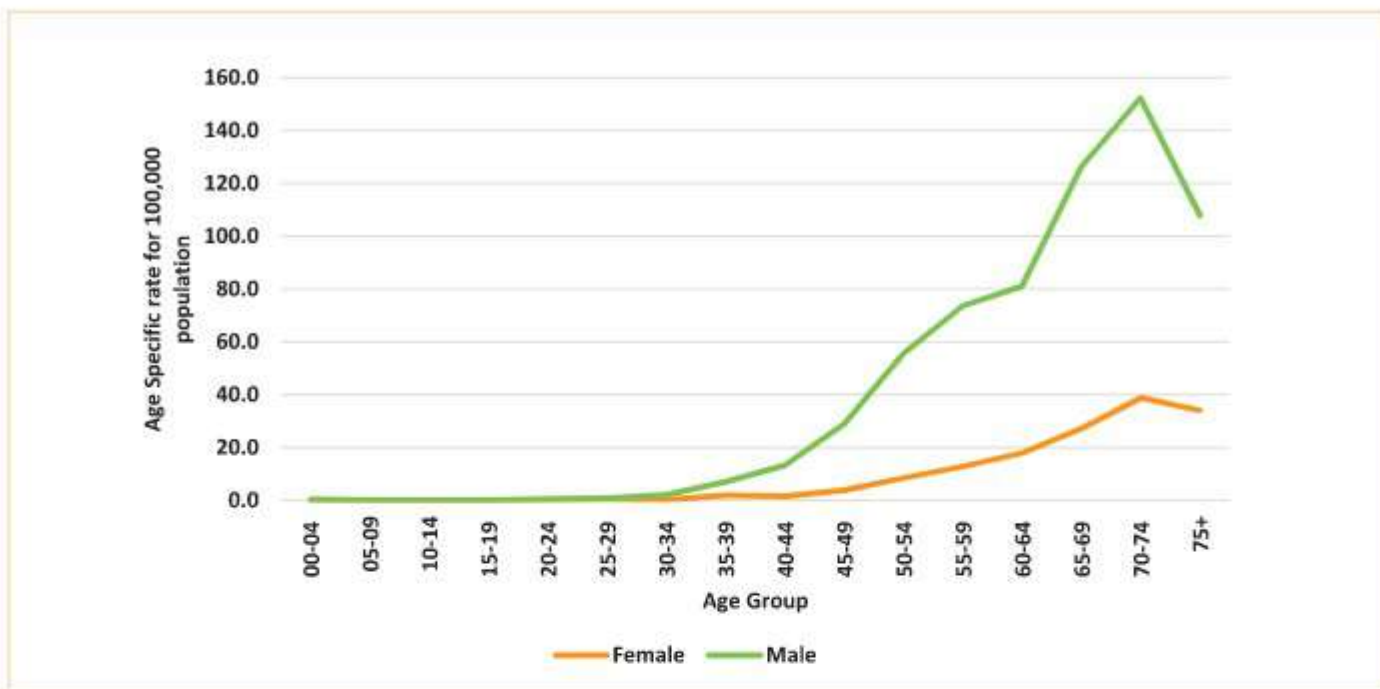


Figure 20: Age specific rates of Lip, Tongue & Mouth cancer in Sri Lanka, 2018

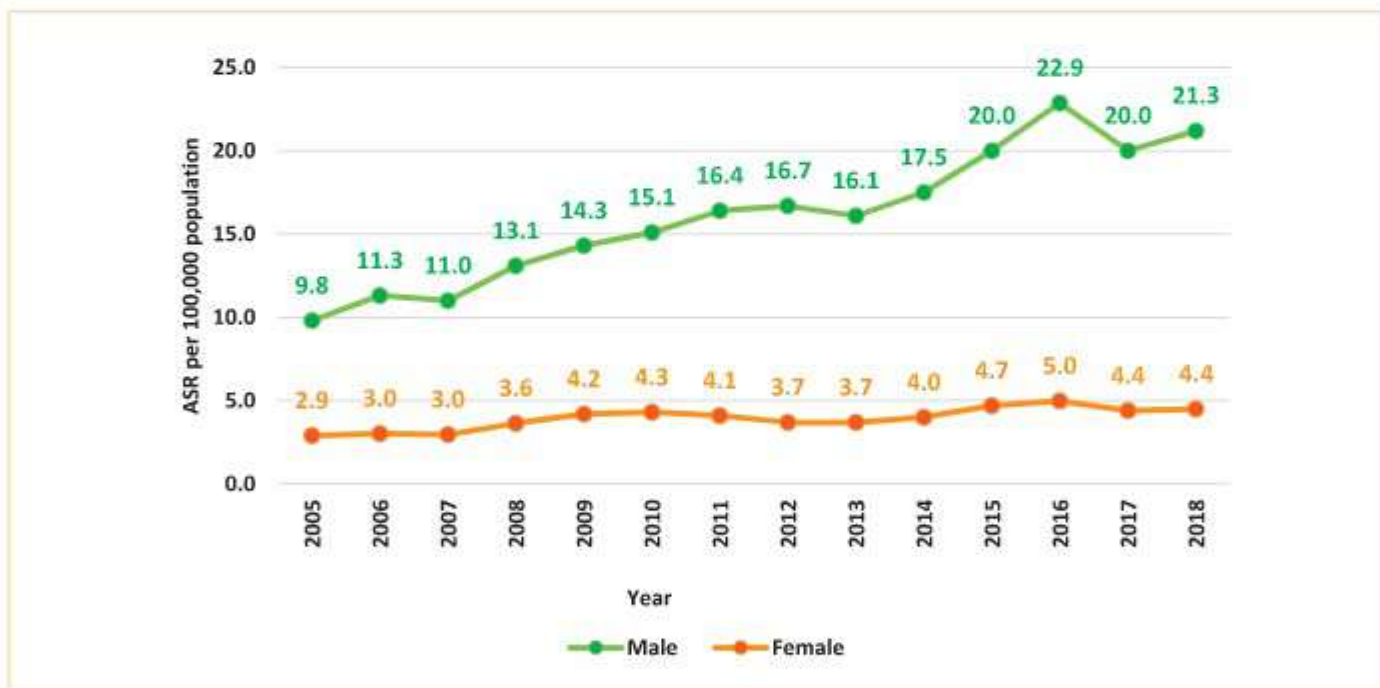


Figure 21: Age standardized incidence rates of Lip, Tongue & Mouth cancer in Sri Lanka, 2005 - 2018

Table 16: Pharyngeal cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	777	5.2	6.8	0.9
Female	120	0.8	0.9	0.1

ASR - Age Standardized Incidence Rate per 100,000 world population
 Cum.Rate- Cumulative Rate (0-74 years) per 100 population

ICD 10 code & site	Male	Female
C09.0 Tonsillar fossa	3	1
C09.1 Tonsillar pillar	4	0
C09.9 Tonsil, NOS	145	16
C10.0 Vallecula	84	6
C10.1 Anterior surface of epiglottis	14	2
C10.2 Lateral wall of oropharynx	10	1
C10.3 Posterior wall of oropharynx	8	1
C10.4 Branchial cleft	0	1
C10.8 Overlapping lesion of oropharynx	1	0
C10.9 Oropharynx, NOS	33	3
C11.0 Superior wall of nasopharynx	1	0
C11.1 Posterior wall of nasopharynx	1	4
C11.2 Lateral wall of nasopharynx	1	0
C11.8 Overlapping lesion of nasopharynx	3	1
C11.9 Nasopharynx, NOS	27	7
C12.9 Pyriform sinus	201	27
C13.0 Postcricoid region	30	21
C13.1 Aryepiglottic fold	43	5
C13.2 Posterior wall of hypopharynx	12	1
C13.8 Overlapping lesion of hypopharynx	0	1
C13.9 Laryngopharynx, Hypopharynx NOS	28	6
C14.0 Pharynx, NOS	103	16
C14.8 Overlapping lesion of lip, oral cavity,pharynx	25	0
Total	777	120

ICD O code and histology	Male	Female
8000 Neoplasm, malignant	46	8
8001 Tumor cells, malignant	1	0
8004 Malignant tumor, spindle cell type	2	0
8010 Carcinoma, NOS	28	9
8050 Papillary carcinoma, NOS	0	1
8052 Papillary squamous cell carcinoma	1	0
8070 Squamous cell carcinoma, NOS	647	90
8071 Squamous cell carcinoma, keratanizing	25	3
8072 Squamous cell carcinoma, large	5	2
8076 Squamous cell carcinoma, microinvasive	11	3
8083 Basaloid squamous cell carcinoma	6	1
8140 Adenocarcinoma, NOS	3	1
8200 Adenoid cystic carcinoma	0	1

Table 16 continued

ICD O code and histology		Male	Female
8802	Giant cell sarcoma	1	0
9370	Chordoma, NOS	0	1
Total		777	120

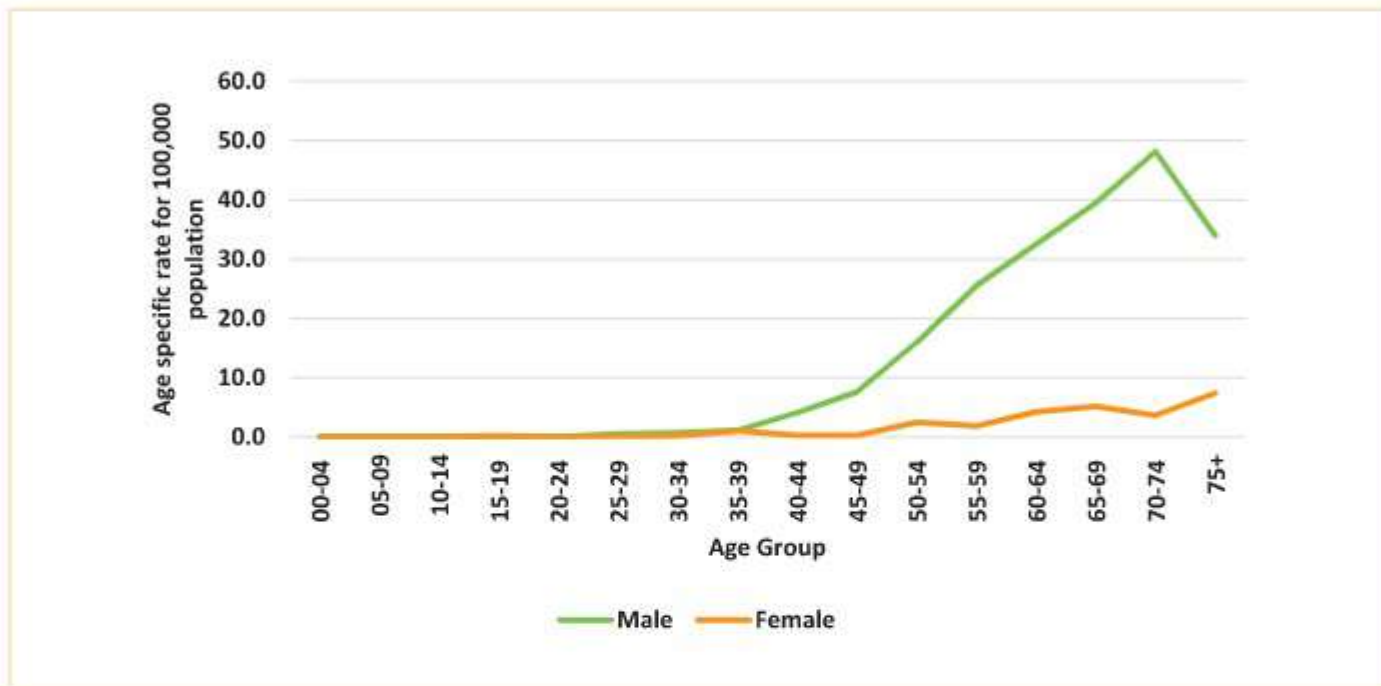


Figure 22: Age specific rates of Pharyngeal cancer in Sri Lanka, 2018

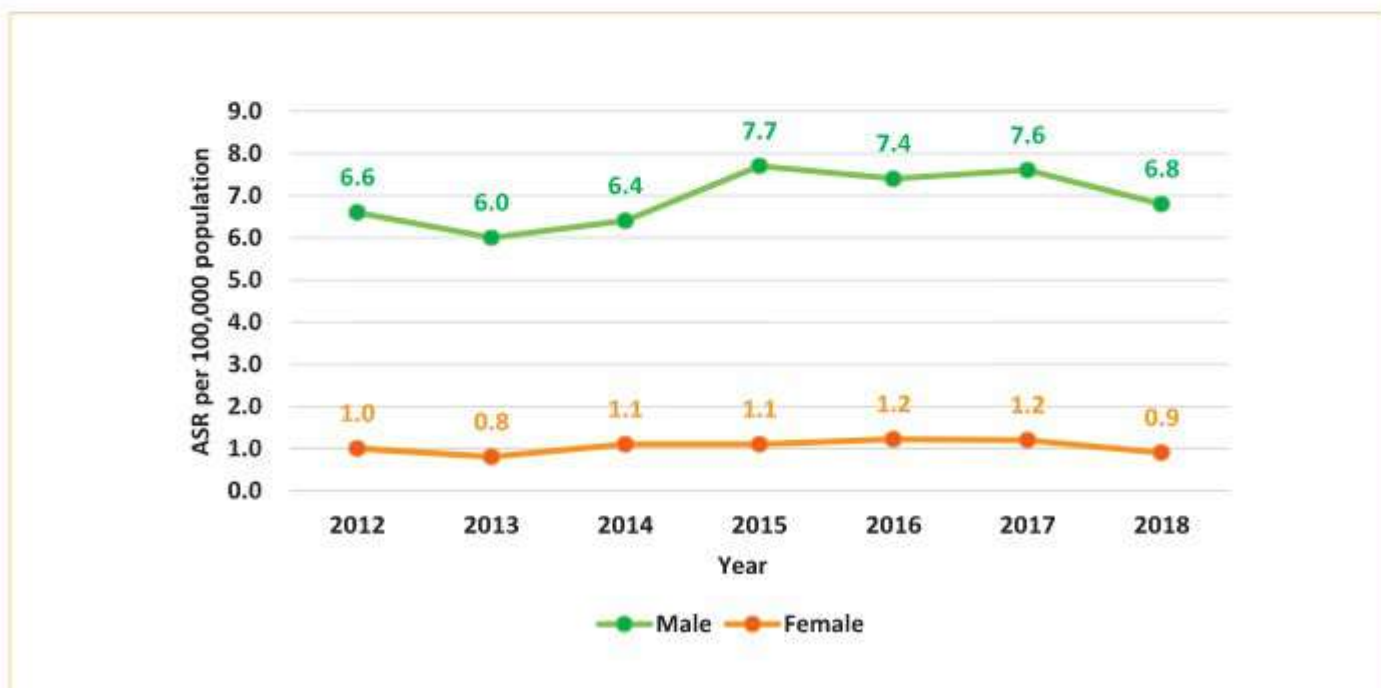


Figure 23: Age standardized incidence rates of Pharyngeal cancer in Sri Lanka, 2012 - 2018

Table 17: Oesophageal cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum.Rate
Male	1136	7.6	10.1	1.3
Female	815	5.1	5.9	0.8

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate -Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site	Male	Female
C15.0 Cervical oesophagus	4	1
C 15.1 Thoracic part of oesophagus	4	3
C 15.2 Abdominal part of oesophagus	6	3
C15.3 Upper third of oesophagus	26	14
C15.4 Middle third of oesophagus	93	64
C15.5 Lower third of oesophagus	298	233
C15.8 Overlapping lesion of oesophagus	25	28
C15.9 Oesophagus, NOS	680	469
Total	1136	815

ICD O Code & histology	Male	Female
8000 Neoplasm, malignant	110	71
8001 Tumor cells, malignant	6	4
8010 Carcinoma, NOS	53	36
8014 Large cell carcinoma with rhabdoid phenotype	1	0
8032 Spindle cell carcinoma, NOS	1	1
8041 Small cell carcinoma, NOS	1	0
8070 Squamous cell carcinoma, NOS	702	607
8071 Squamous cell carcinoma, keratinizing, NOS	18	9
8072 Squamous cell carcinoma, large	1	1
8073 Squamous cell carcinoma, small cell, nonkeratinizing	2	0
8076 Squamous cell carcinoma, microinvasive	19	20
8082 Lymphoepithelial carcinoma	1	0
8083 Basaloid squamous cell carcinoma	3	4
8140 Adenocarcinoma, NOS	185	50
8144 Adenocarcinoma, intestinal type	7	1
8145 Carcinoma, diffuse type	2	1
8246 Neuroendocrine carcinoma, NOS	2	3
8380 Endometrioid adenocarcinoma, NOS	0	1
8480 Mucinous adenocarcinoma	4	0
8481 Mucin-producing adenocarcinoma	2	0
8490 Signet ring cell carcinoma	11	1
8500 Infiltrating duct carcinoma, NOS	0	2
8550 Acinar cell carcinoma	0	1
8560 Adenosquamous carcinoma	2	2
8801 Spindle cell sarcoma	1	0
8900 Rhabdomyosarcoma, NOS	1	0
8936 Gastrointestinal stromal sarcoma	1	0
Total	1136	815

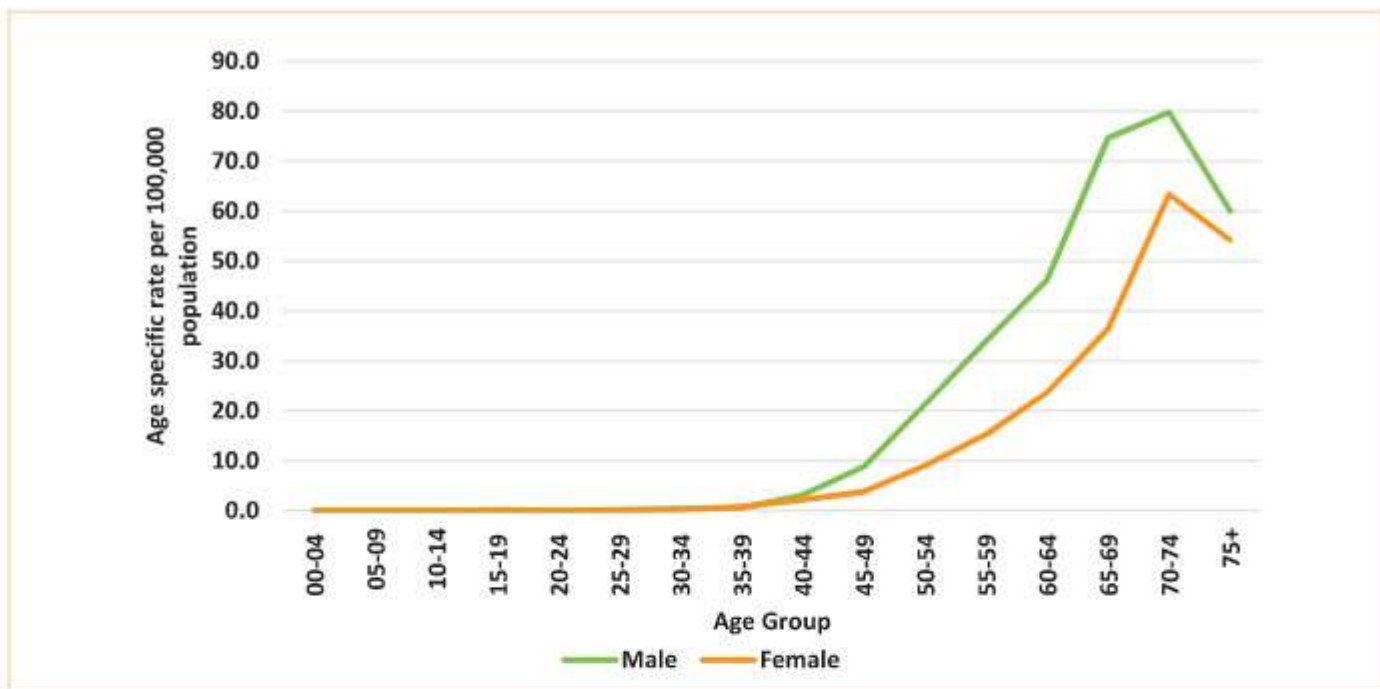


Figure 24: Age specific incidence rates of Oesophageal cancer in Sri Lanka in 2018

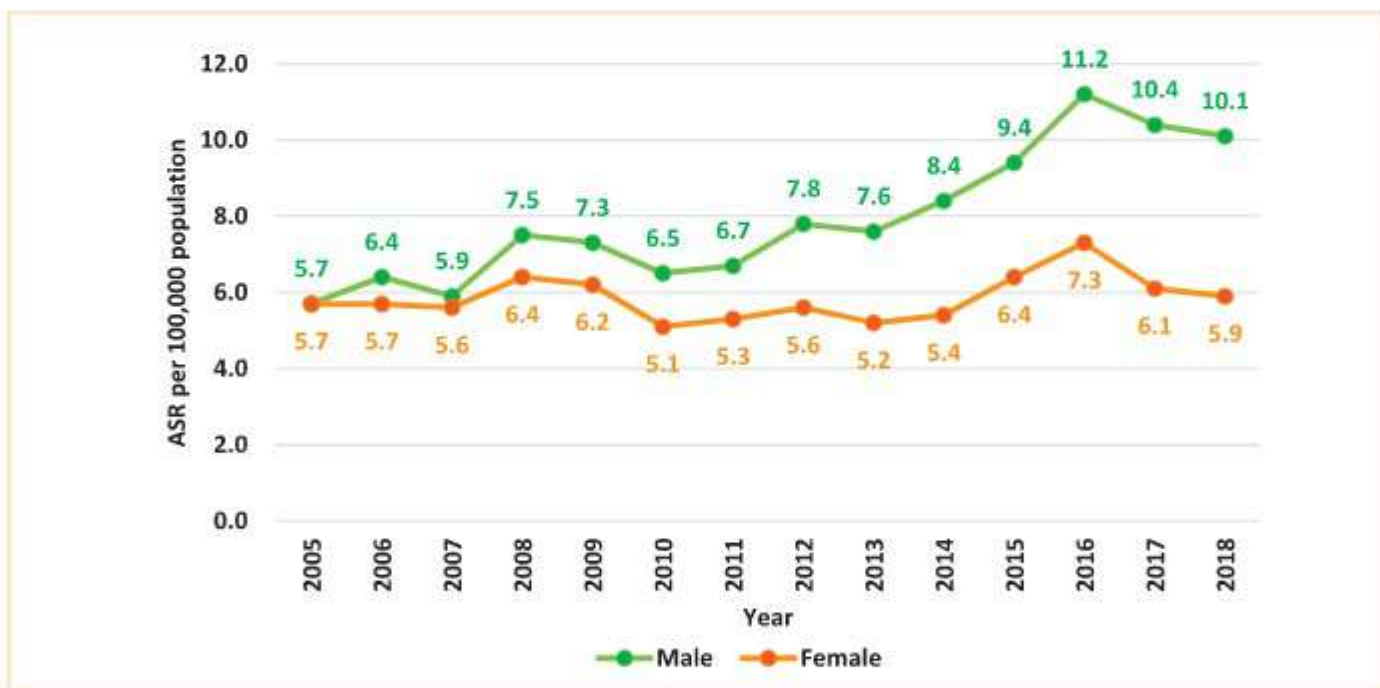


Figure 25: Age standardized incidence rates of Oesophageal cancer in Sri Lanka, 2005 - 2018

Table 18: Stomach cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	415	2.8	3.7	0.5
Female	176	1.1	1.3	0.2

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate -Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site		Male	Female
C16.0	Cardia, NOS	120	50
C16.1	Fundus of stomach	11	7
C16.2	Body of stomach	8	1
C16.3	Gastric antrum	10	7
C16.4	Pylorus	25	19
C16.5	Lesser curvature of stomach	14	4
C16.6	Greater curvature of stomach	7	1
C16.8	Overlapping lesion of stomach	15	9
C16.9	Stomach, NOS	205	78
Total		415	176

ICD O code and histology		Male	Female
8000	Neoplasm, malignant	58	26
8001	Tumor cells, malignant	1	2
8004	Malignant tumor, spindle cell	2	0
8010	Carcinoma, NOS	32	13
8032	Spindle cell carcinoma, NOS	2	0
8070	Squamous cell carcinoma, NOS	28	26
8071	Squamous cell carcinoma, keratanizing	2	0
8140	Adenocarcinoma, NOS	222	75
8144	Adenocarcinoma, intestinal typ	15	4
8145	Carcinoma, diffuse type	9	6
8211	Tubular adenocarcinoma	4	0
8249	Atypical carcinoid tumor	1	0
8260	Papillary adenocarcinoma, NOS	0	1
8480	Mucinous adenocarcinoma	3	1
8490	Signet ring cell carcinoma	23	12
8500	Infiltrating duct carcinoma, NOS	0	1
8560	Adenosquamous carcinoma	0	1
8574	Adenocarcinoma with neuroendocrine differentiation	0	1
8800	Sarcoma, NOS	1	0
8890	Leiomyosarcoma, NOS	1	1
8936	Gastrointestinal stromal sarcoma	11	6
Total		415	176

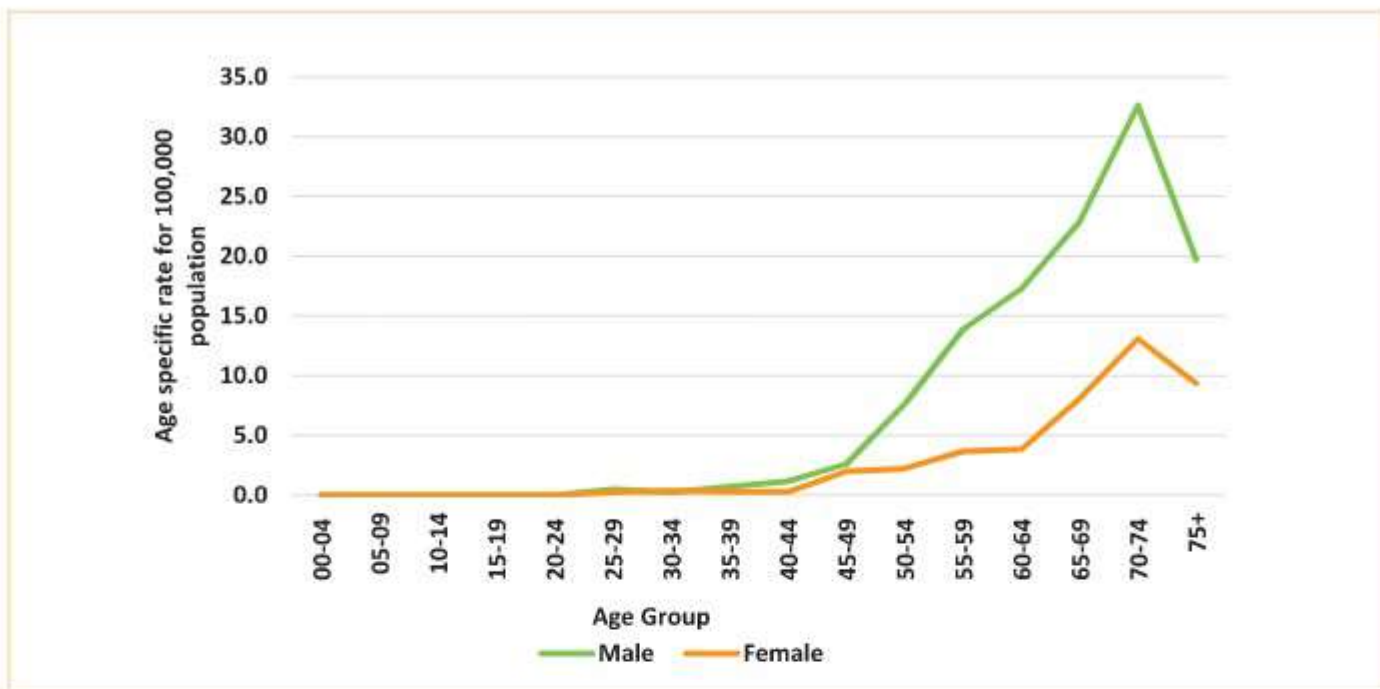


Figure 26: Age specific incidence rates of Stomach cancer in Sri Lanka in 2018

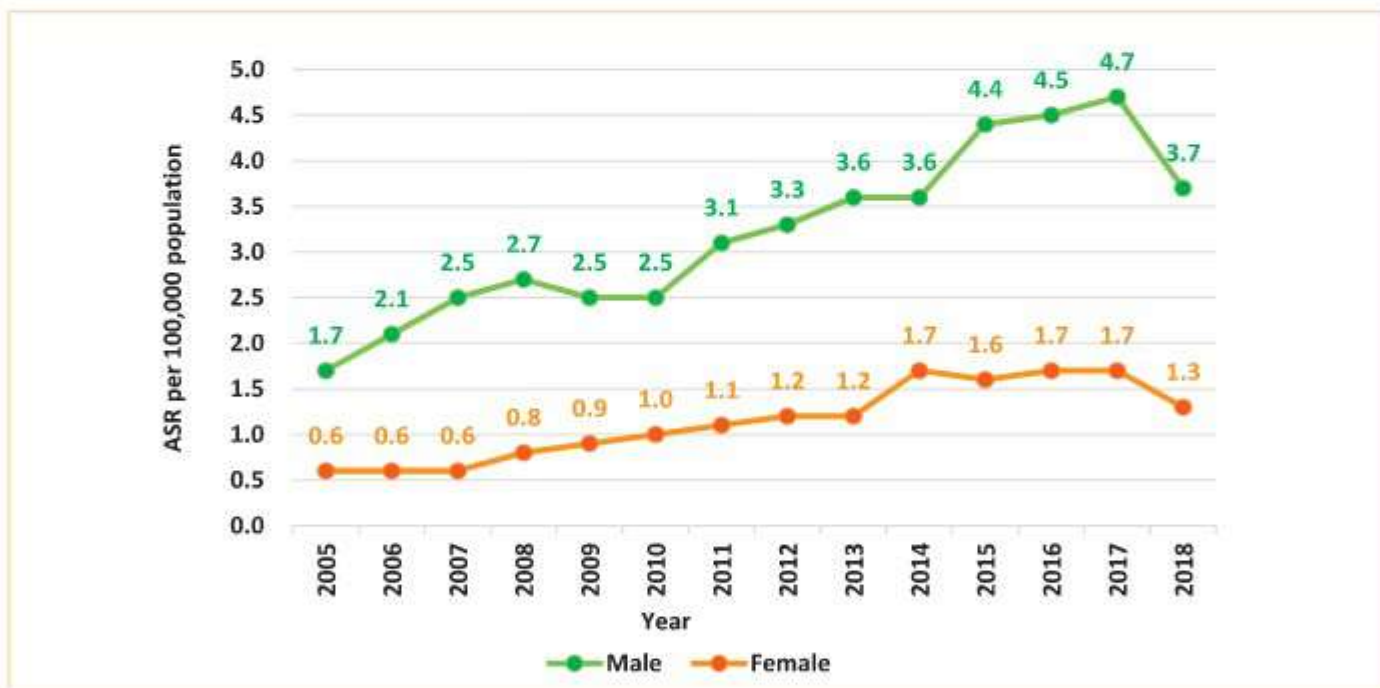


Figure 27: Age standardized incidence rates of Stomach cancer in Sri Lanka, 2005 - 2018

Table 19: Colon and rectal cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum.Rate
Male	1161	7.8	10.4	1.3
Female	1169	7.3	8.7	1.1

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code & site	Male	Female
C18.0 Cecum	42	48
C18.1 Appendix	22	26
C18.2 Ascending colon	32	44
C18.3 Hepatic flexure of colon	8	9
C18.4 Transverse colon	28	31
C18.5 Splenic flexure of colon	5	7
C18.6 Descending colon	15	32
C18.7 Sigmoid colon	185	196
C18.8 Overlapping lesion of colon	12	21
C18.9 Colon, NOS	181	176
C19.9 Rectosigmoid junction	95	91
C20.9 Rectum, NOS	536	488
Total	1161	1169

ICD O code and histology	Male	Female
8000 Neoplasm, malignant	122	102
8001 Tumor cells, malignant	1	0
8004 Malignant tumor, spindle cell type	0	1
8010 Carcinoma, NOS	25	34
8013 Large cell neuroendocrine carcinoma	1	1
8032 Spindle cell carcinoma, NOS	1	1
8070 Squamous cell carcinoma, NOS	20	17
8071 Squamous cell carcinoma, keratinizing	0	2
8076 Squamous intraepithelial neoplasia, low grade	3	0
8083 Basaloid squamous cell carcinoma	0	1
8140 Adenocarcinoma, NOS	883	898
8141 Scirrhus adenocarcinoma	1	0
8144 Adenocarcinoma, intestinal type	24	22
8210 Adenocarcinoma in adenomatous polyp	1	0
8211 Tubular adenocarcinoma	1	0
8240 Carcinoid tumor, NOS	3	4
8243 Goblet cell carcinoid	1	0
8244 Mixed adenoneuroendocrine carcinoma	0	1
8246 Adenocarcinoma with neuroendocrine	4	7
8249 Atypical carcinoid tumor	5	2
8260 Papillary adenocarcinoma, NOS	0	1
8261 Adenocarcinoma in villous adenoma	1	3
8262 Villous adenocarcinoma	3	4

Table 19 continued ...

ICD O code and histology		Male	Female
8263	Adenocarcinoma in tubulovillous adenoma	6	2
8265	Micropapillary carcinoma, NOS	0	1
8470	Mucinous cystadenocarcinoma, NOS	0	1
8480	Mucinous adenocarcinoma	41	45
8481	Mucin-producing adenocarcinoma	1	2
8490	Signet ring cell carcinoma	12	8
8574	Adenocarcinoma with neuroendocrine differentiation	0	1
8720	Malignant melanoma, NOS (except juvenile melanoma)	0	1
8801	Spindle cell sarcoma	0	1
8840	Myxosarcoma	0	1
8890	Stromal sarcoma, NOS	0	1
8936	Gastrointestinal stromal sarcoma	1	4
Total		1161	1169

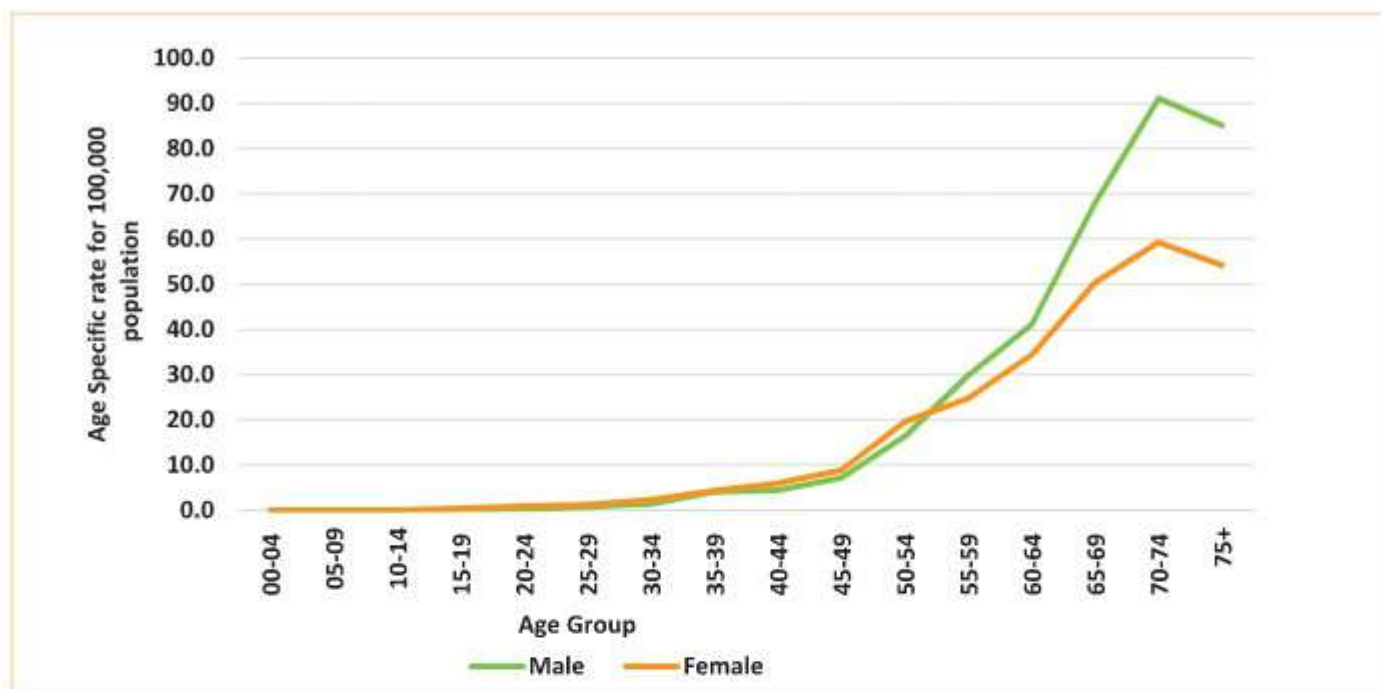


Figure 28: Age specific incidence rates of Colon and Rectal cancer in Sri Lanka in 2018

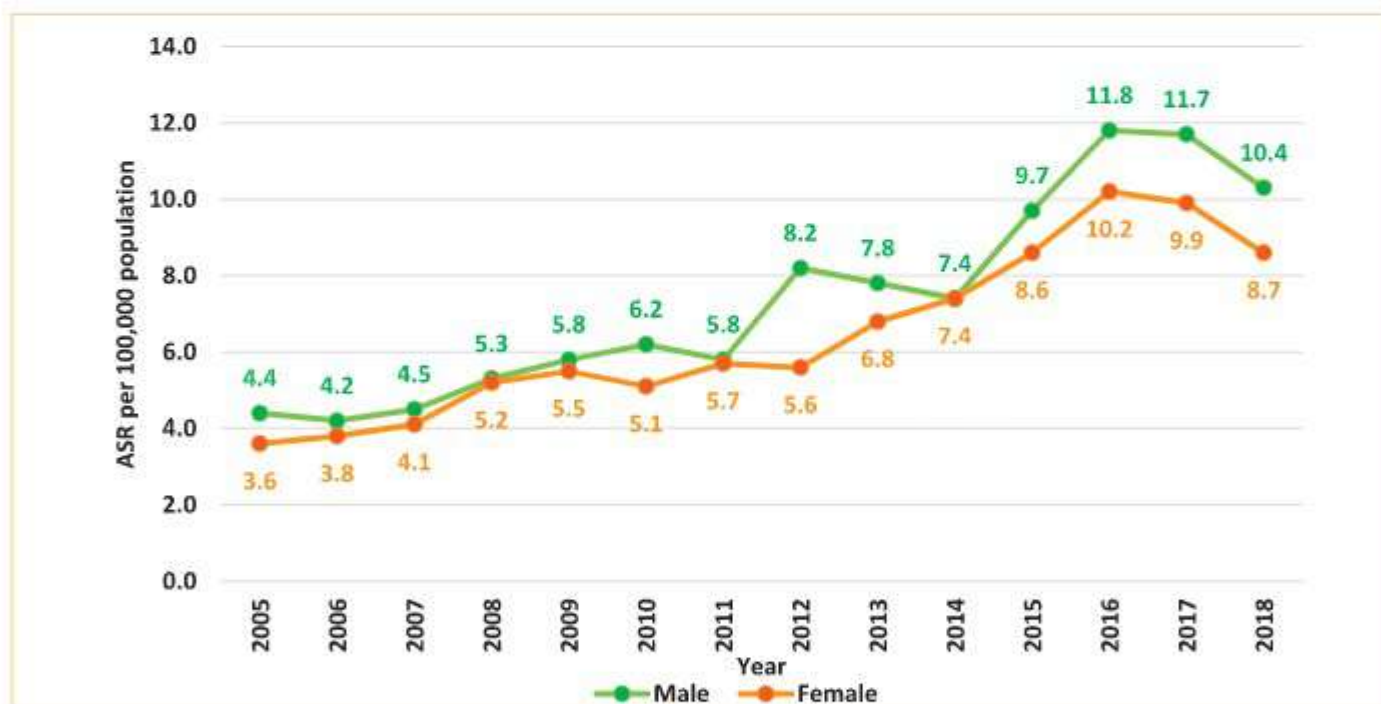


Figure 29: Age standardized incidence rates of Colon and Rectal cancer in Sri Lanka, 2005 – 2018

Table 20: Laryngeal cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	712	4.9	6.3	0.8
Female	81	0.5	0.6	0.1

ASR -Age Standardized Incidence Rate per 100,000 world population
 Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site		Male	Female
C32.0	Glottis	382	33
C32.1	Supraglottis	193	25
C32.2	Subglottis	13	1
C32.3	Laryngeal cartilage	13	3
C32.8	Overlapping lesion of larynx	6	0
C32.9	Larynx, NOS	105	19
Total		712	81

ICD O code and histology		Male	Female
8000	Neoplasm, malignant	67	21
8010	Carcinoma, NOS	15	1
8033	Pseudosarcomatous carcinoma	1	0
8070	Squamous cell carcinoma, NOS	574	52
8071	Squamous cell carcinoma, keratinizing	24	2
8074	Squamous cell carcinoma, spind	1	0
8076	Squamous cell carcinoma, microinvasive	22	3
8084	Squamous cell carcinoma, clear cell type	2	0
8123	Basaloid carcinoma	0	1
8140	Adenocarcinoma, NOS	2	0
8200	Adenoid cystic carcinoma	1	1
8560	Adenosquamous carcinoma	1	0
8802	Giant cell sarcoma	1	0
8982	Malignant myoepithelioma	1	0
Total		712	81

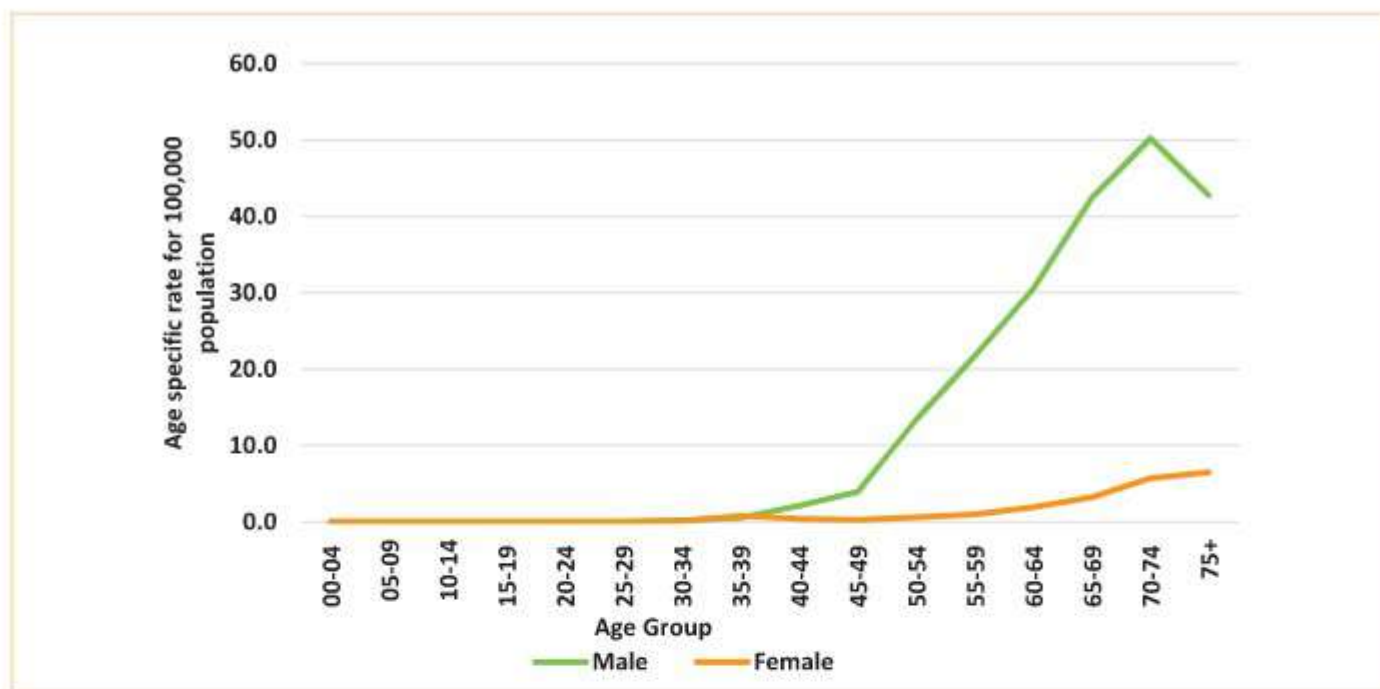


Figure 30: Age specific incidence rates of Laryngeal cancer in Sri Lanka, 2018

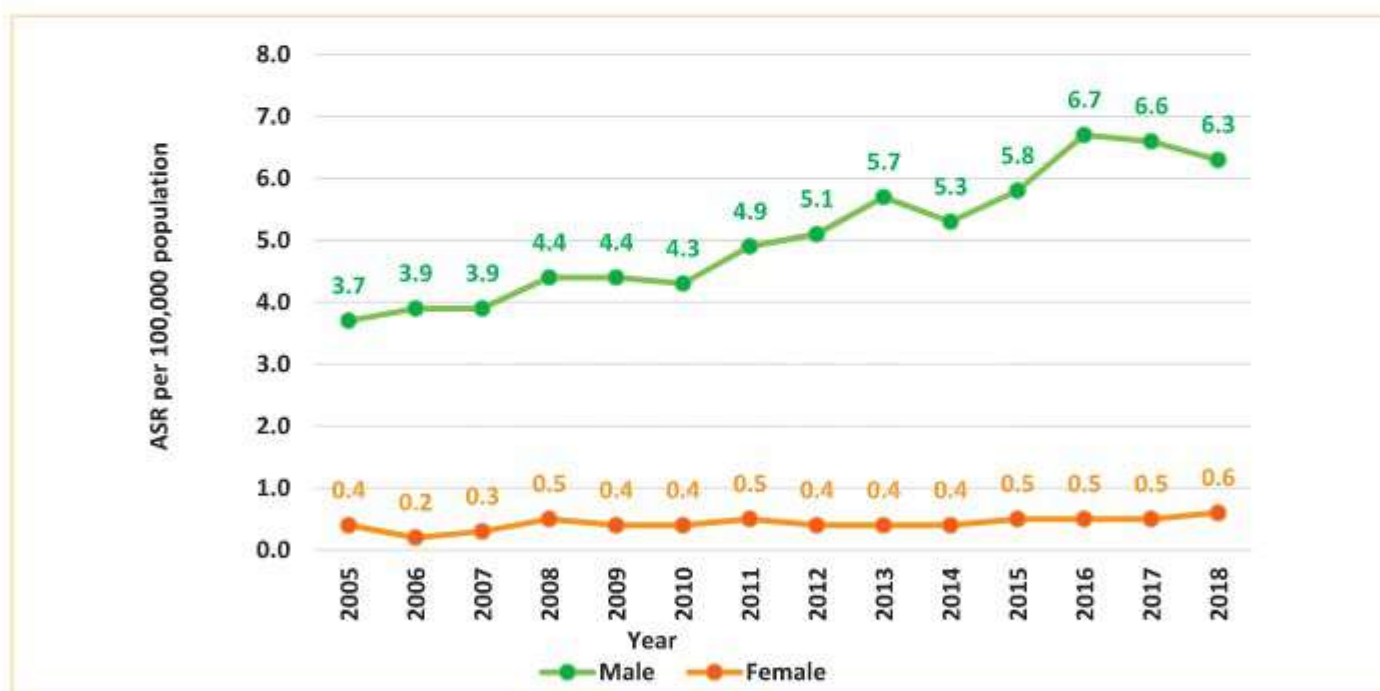


Figure 31: Age standardized incidence rates of Laryngeal cancer in Sri Lanka, 2005 - 2018

Table 21: Trachea, bronchus and lung cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum.Rate
Male	1303	8.9	11.7	1.6
Female	456	2.9	3.4	0.4

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site		Male	Female
C33.9	Trachea	10	0
C34.0	Main bronchus	51	12
C34.1	Upper lobe, lung	190	58
C34.2	Middle lobe, lung	37	5
C34.3	Lower lobe, lung	80	52
C34.8	Overlapping lesion of lung	47	17
C34.9	Lung, NOS	888	312
Total		1303	456

ICD O code and histology		Male	Female
8000	Neoplasm, malignant	292	117
8001	Tumor cells, malignant	4	0
8004	Malignant tumor, spindle cell	1	1
8010	Carcinoma, NOS	80	27
8012	Large cell carcinoma, NOS	3	0
8013	Large cell neuroendocrine carcinoma	1	0
8020	Carcinoma, undifferentiated, NOS	0	1
8022	Pleomorphic carcinoma	1	1
8032	Spindle cell carcinoma, NOS	1	0
8041	Small cell carcinoma, NOS	72	10
8043	Small cell carcinoma, fusiform cell	2	0
8046	Non-small cell carcinoma	298	65
8070	Squamous cell carcinoma, keratanizing	184	33
8071	Squamous cell carcinoma, keratinizing, NOS	6	2
8072	Squamous cell carcinoma, large	7	1
8083	Basaloid squamous cell carcinoma	1	0
8140	Adenocarcinoma, NOS	285	144
8200	Adenoid cystic carcinoma	1	1
8210	Adenocarcinoma in adenomatous polyp	1	0
8230	Solid carcinoma, NOS	1	0
8240	Carcinoid tumor, NOS	13	13
8246	Neuroendocrine carcinoma, NOS	3	0
8249	Atypical carcinoid tumor	1	2
8250	Bronchiolo-alveolar adenocarci	1	1
8251	Alveolar adenocarcinoma	1	0
8253	Bronchiolo-alveolar carcinoma,	1	0
8260	Papillary adenocarcinoma, NOS	5	2
8333	Fetal adenocarcinoma	1	0
8430	Mucoepidermoid carcinoma	0	4
8470	Mucinous cystadenocarcinoma, NOS	0	1

Table 21 continued ..

ICD O code and histology		Male	Female
8480	Mucinous adenocarcinoma	14	17
8481	Mucin-producing adenocarcinoma	2	0
8550	Acinar cell carcinoma	15	9
8551	Acinar cell cystadenocarcinoma	1	0
8560	Adeno squamous carcinoma	4	1
8800	Sarcoma, NOS	0	1
8801	Spindle cell sarcoma	0	1
9071	Yolk sac tumor	0	1
Total		1303	456

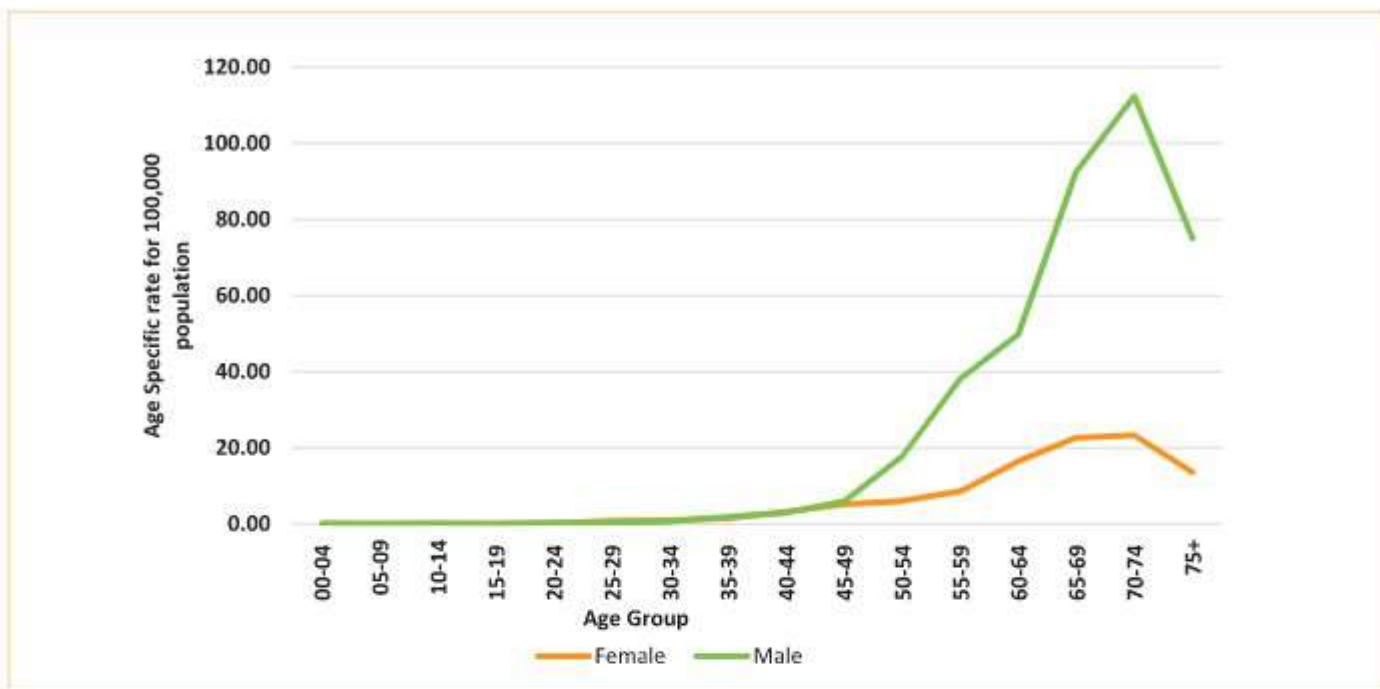


Figure 32: Age specific incidence rates of Trachea, Bronchus and Lung cancer in Sri Lanka, 2018

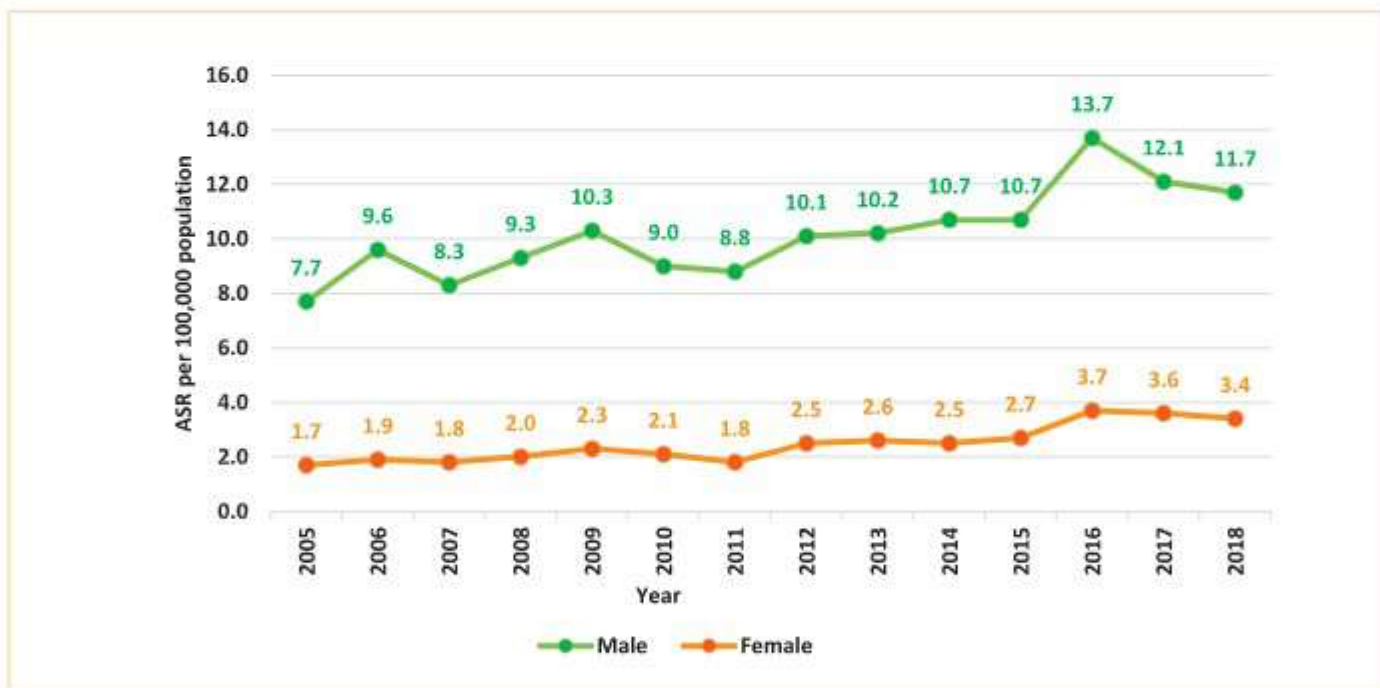


Figure 33: Age standardized incidence rates of Trachea, Bronchus and Lung cancer in Sri Lanka, 2005 - 2018

Table 22: Skin cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	384	2.6	3.4	0.4
Female	310	1.9	2.3	0.3

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site	Male	Female
C43.0 Malignant melanoma of lip	1	0
C43.1 Malignant melanoma of eyelid, including canthus	0	1
C43.3 Malignant melanoma of other and unspecified parts of face	2	1
C43.4 Malignant melanoma of scalp and neck	1	3
C43.6 Malignant melanoma of upper limb including shoulder	3	1
C43.7 Malignant melanoma of lower limb including hip	19	26
C43.8 Overlapping malignant melanoma of skin	1	0
C43.9 Malignant melanoma of skin, unspecified	11	6
C44.0 Skin of lip, NOS	3	1
C44.1 Eyelid	11	16
C44.2 External ear	10	19
C44.3 Skin, other & unspec parts of face	53	45
C44.4 Skin of scalp and neck	44	45
C44.5 Skin of trunk	47	28
C44.6 Skin of upper limb and shoulder	15	14
C44.7 Skin of lower limb and hip	108	53
C44.8 Overlapping lesion of skin	1	1
C44.9 Skin, NOS	54	50
Total	384	310

ICD O code and histology	Male	Female
8000 Neoplasm, malignant	9	11
8001 Tumor cells, malignant	1	0
8004 Malignant tumor, spindle cell	0	2
8010 Carcinoma, NOS	6	9
8022 Pleomorphic carcinoma	1	0
8032 Spindle cell carcinoma, NOS	7	6
8051 Verrucous carcinoma, NOS	7	1
8052 Papillary squamous cell carcinoma	0	1
8070 Squamous cell carcinoma, NOS	215	107
8071 Squamous cell carcinoma, keratinizing	9	0
8072 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1	0
8074 Squamous cell carcinoma, spindle cell	1	2
8076 Squamous cell carcinoma, microinvasive	2	2
8083 Basaloid squamous cell carcinoma	2	1
8090 Basal cell carcinoma, NOS	40	73
8091 Multifocal superficial basal cell carcinoma	1	0
8092 Infiltrating basal cell carcinoma, NOS	2	1
8093 Basal cell carcinoma, fibroepithelial	0	1
8094 Basosquamous carcinoma	4	1

Table 22 continued ...

ICD O code and histology		Male	Female
8097	Basal cell carcinoma, nodular	6	20
8102	Trichilemmocarcinoma	1	0
8140	Adenocarcinoma, NOS	16	4
8200	Adenoid cystic carcinoma	0	1
8246	Neuroendocrine carcinoma, NOS	0	1
8247	Merkel cell carcinoma	0	1
8320	Granular cell carcinoma	0	2
8330	Follicular adenoma	1	0
8390	Skin appendage carcinoma	2	0
8401	Apocrine adenocarcinoma	1	0
8409	Eccrine poroma, malignant	0	1
8410	Sebaceous adenocarcinoma	6	12
8430	Mucoepidermoid carcinoma	0	2
8480	Mucinous adenocarcinoma	3	2
8500	Infiltrating duct carcinoma, NOS	0	2
8720	Malignant melanoma, NOS (except)	31	32
8721	Nodular melanoma	2	2
8730	Amelanotic melanoma	2	1
8742	Lentigo maligna melanoma	0	1
8744	Acral lentiginous melanoma, malignant	0	2
8745	Desmoplastic melanoma, malignant	1	0
8761	Malignant melanoma in giant pigmented nevus	1	0
8772	Spindle cell melanoma, NOS	1	0
8832	Dermatofibrosarcoma, Nos	2	5
9080	Teratoma, malignant, NOS	0	1
Total		384	310

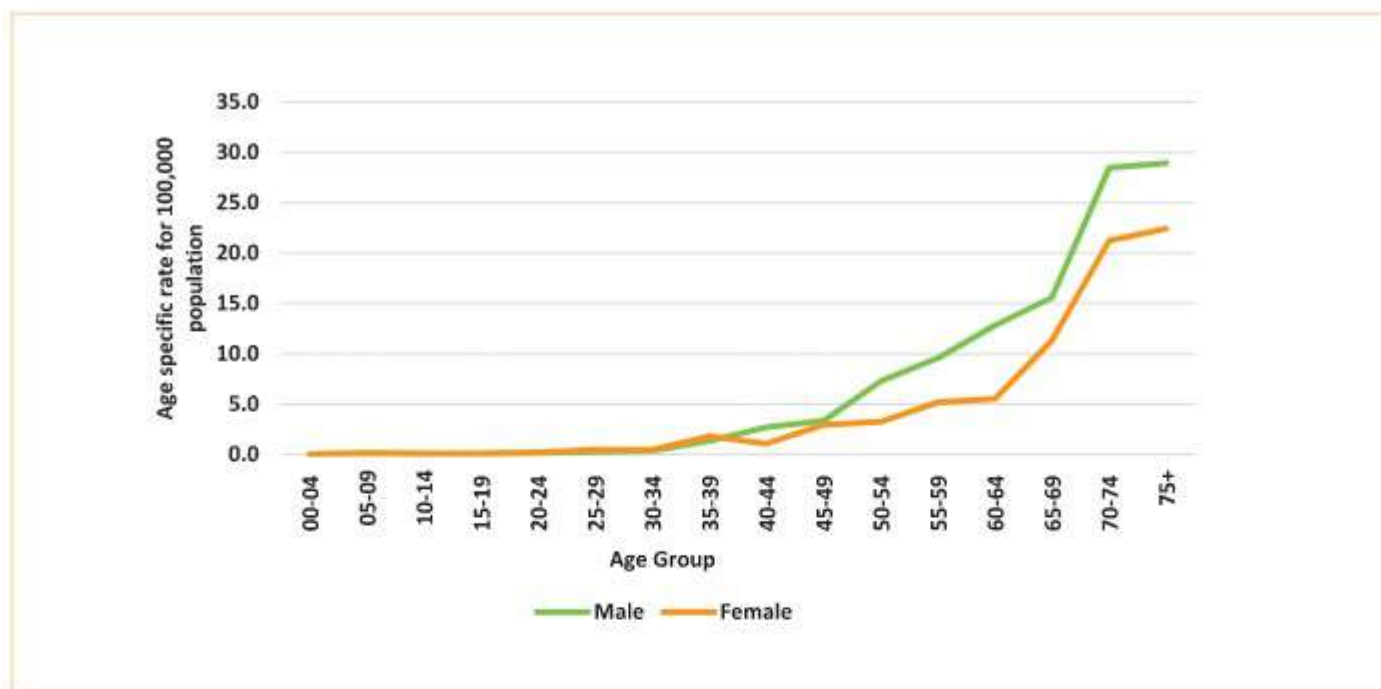


Figure 34: Age specific incidence rates of Skin cancer in Sri Lanka in 2018

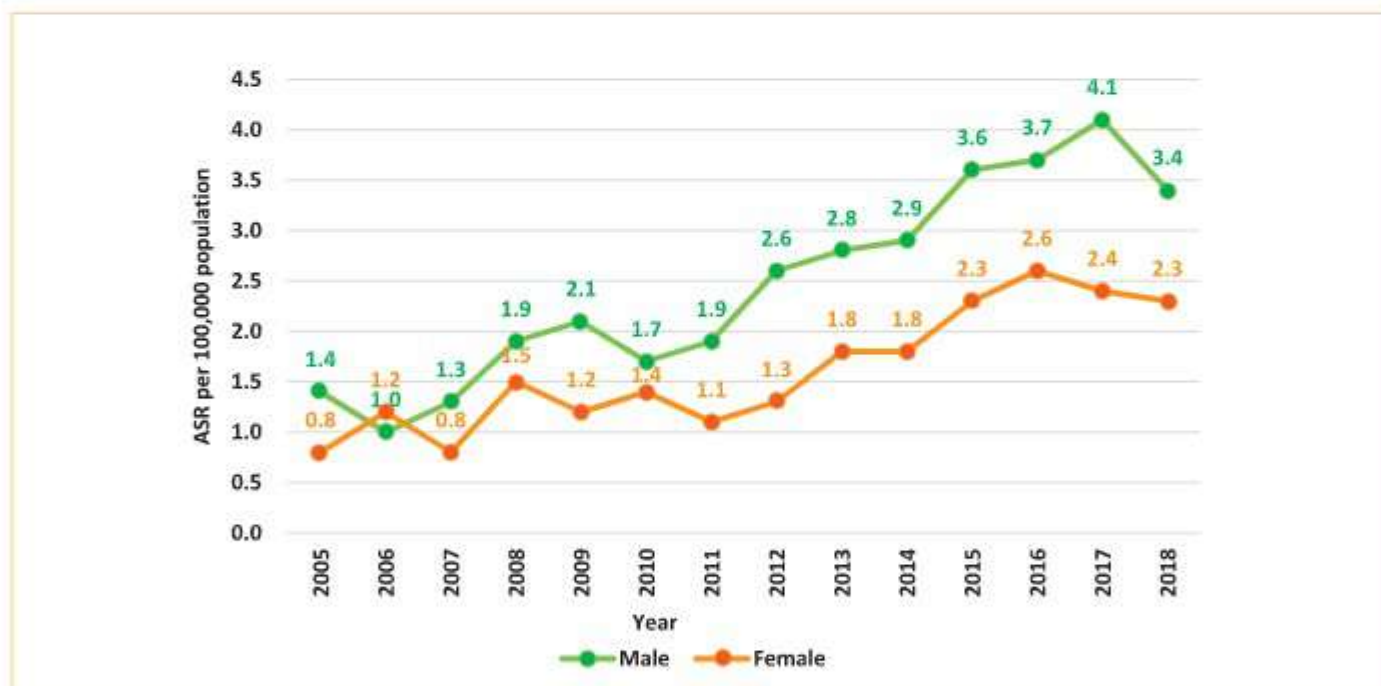


Figure 35: Age standardized incidence rates of Skin cancer in Sri Lanka, 2005 - 2018

Table 23: Breast cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	136	0.9	1.2	0.1
Female	3778	24.1	28.7	3.4

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site	Male	Female
C50.0 Nipple	2	15
C50.1 Central portion of breast	3	45
C50.2 Upper-inner quadrant of breast	4	51
C50.3 Lower-inner quadrant of breast	0	36
C50.4 Upper-outer quadrant of breast	4	167
C50.5 Lower-outer quadrant of breast	2	39
C50.6 Axillary tail of breast	0	6
C50.8 Overlapping lesion of breast	7	173
C50.9 Breast, NOS	114	3246
Total	136	3778

ICD O code and histology	Male	Female
8000 Neoplasm, malignant	17	431
8001 Tumor cells, malignant	1	22
8003 Malignant tumor, giant cell type	0	1
8004 Malignant tumor, spindle cell	0	1
8010 Carcinoma, NOS	28	552
8020 Carcinoma, undifferentiated, NOS	0	3
8021 Carcinoma, anaplastic, NOS	0	1
8022 Pleomorphic carcinoma	0	1
8032 Spindle cell carcinoma, NOS	0	2
8046 Non-small cell carcinoma	0	1
8050 Papillary carcinoma, NOS	1	27
8070 Squamous cell carcinoma, NOS	4	6
8076 Squamous cell carcinoma, microinvasive	0	1
8140 Adenocarcinoma, NOS	1	87
8200 Adenoid cystic carcinoma	1	1
8201 Cribriform carcinoma, NOS	2	7
8211 Tubular adenocarcinoma	2	4
8230 Solid carcinoma, NOS	0	1
8246 Neuroendocrine carcinoma, NOS	0	1
8260 Papillary adenocarcinoma, NOS	1	4
8265 Micropapillary carcinoma, NOS	0	1
8440 Cystadenocarcinoma, NOS	0	1
8471 Papillary mucinous cystadenocarcinoma	0	1
8480 Mucinous adenocarcinoma	2	64
8500 Infiltrating duct carcinoma, NOS	62	2081
8501 Comedocarcinoma, NOS	0	1
8503 Intraductal papillary adenocarcinoma	5	116

Table 23 continued ...

ICD O code and histology		Male	Female
8504	Intracystic carcinoma, NOS	0	5
8510	Medullary carcinoma, NOS	0	25
8514	Duct carcinoma, desmoplastic type	1	8
8520	Lobular carcinoma, NOS	5	118
8521	Infiltrating ductular carcinoma	0	120
8522	Infiltrating duct and lobular	0	23
8523	Infiltrating duct mixed with other types of carcinoma	0	6
8524	Infiltrating lobular mixed with other types of carcinoma	0	5
8525	Polymorphous low grade adenocarcinoma	0	1
8540	Paget disease, mammary	1	6
8541	Paget disease and infiltrating	0	6
8543	Paget disease and intraductal carcinoma of breast	0	2
8550	Acinar cell carcinoma	1	0
8560	Adenosquamous carcinoma	0	1
8575	Metaplastic carcinoma, NOS	1	10
8800	Sarcoma, NOS	0	2
8890	Leiomyosarcoma, NOS	0	1
8900	Rhabdomyosarcoma, NOS	0	2
8940	Mixed tumor, malignant, NOS	0	2
9010	Fibroadenoma, NOS	0	1
9020	Phyllodes tumor, malignant	0	14
9120	Haemangiosarcoma	0	1
Total		136	3778

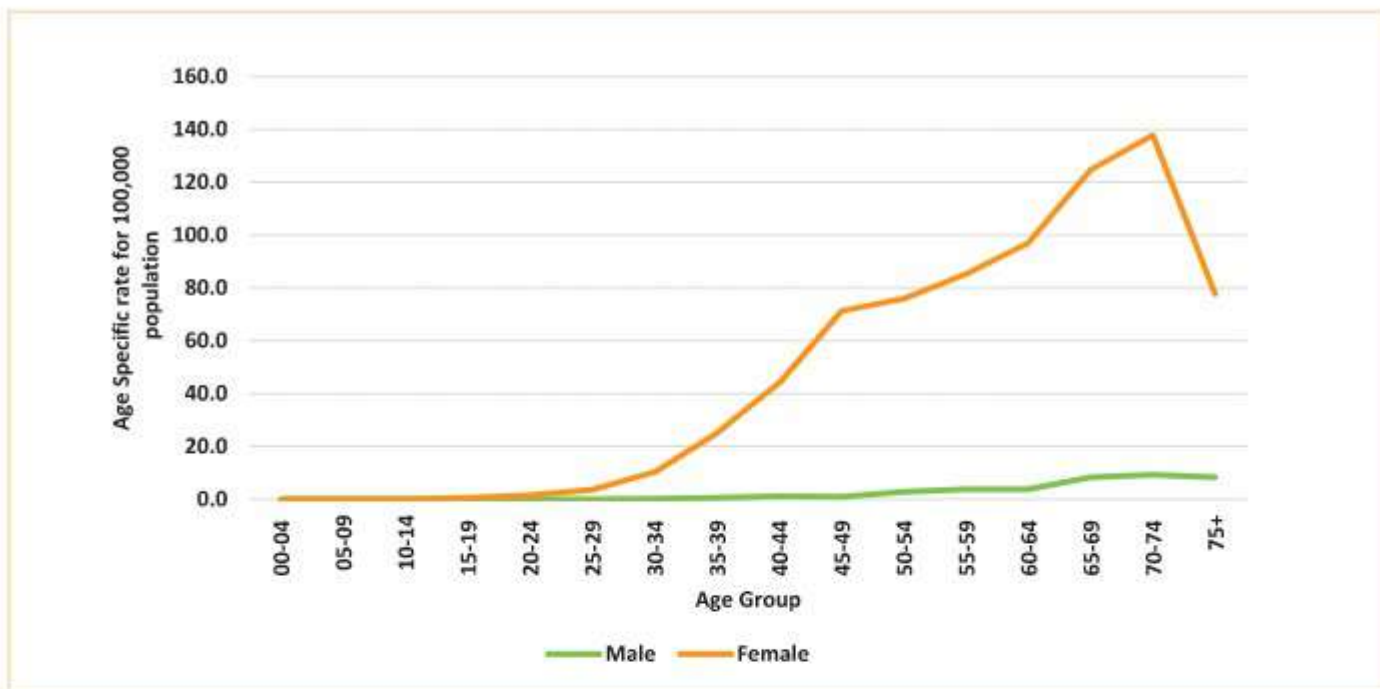


Figure 36: Age specific incidence rates of Breast cancer in Sri Lanka in 2018



Figure 37: Age standardized incidence rates of Breast cancer in Sri Lanka, 2005 - 2018

Table 24: Cervix Uteri cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Female	1073	6.9	8.0	1.0

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and side	No.
C53.0 Endocervix	30
C53.1 Exocervix	52
C53.8 Overlapping lesion of cervix	43
C53.9 Cervix uteri	948
Total	1073

ICD O Code and histology	No.
8000 Neoplasm, malignant	116
8001 Tumor cells, malignant	1
8003 Malignant tumor, glant cell type	1
8010 Carcinoma, NOS	46
8032 Spindle cell carcinoma, NOS	3
8046 Non-small cell carcinoma	1
8052 Papillary squamous cell carcinoma	5
8070 Squamous cell carcinoma, NOS	434
8071 Squamous cell carcinoma, keratanizing	137
8072 Squamous cell carcinoma, large	179
8073 Squamous cell carcinoma, small cell, nonkeratinizing	24
8076 Squamous cell carcinoma, microinvasive	30
8077 Squamous intraepithelial neoplasia, high grade	2
8083 Basaloid squamous cell carcinoma	4
8140 Adenocarcinoma, NOS	58
8246 Neuroendocrine carcinoma, NOS	1
8260 Papillary adenocarcinoma, NOS	3
8262 Villous adenocarcinoma	1
8310 Clear cell adenocarcinoma, NOS	3
8380 Endometrioid adenocarcinoma, N	7
8384 Adenocarcinoma, endocervical type	3
8441 Serous cystadenocarcinoma, NOS	1
8470 Mucinous cystadenocarcinoma, NOS	1
8480 Mucinous adenocarcinoma	4
8560 Adenosquamous carcinoma	5
8933 Adenosarcoma	3
Total	1073

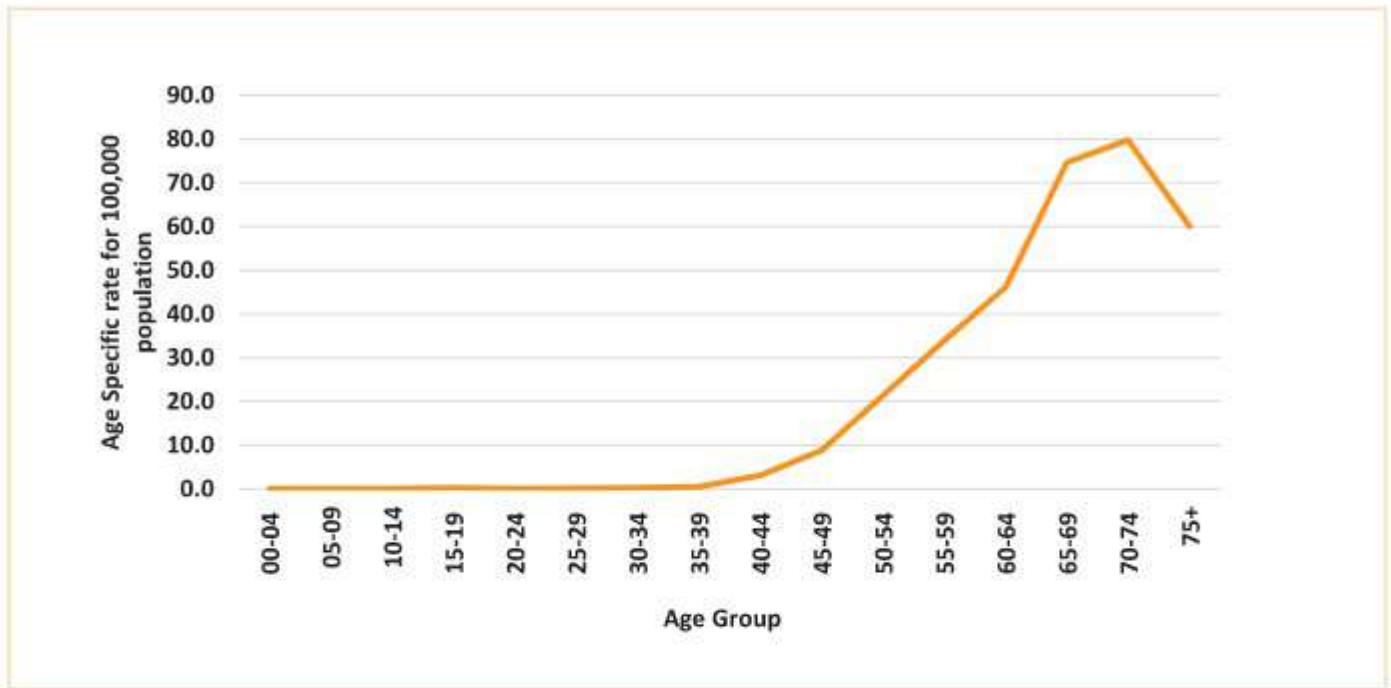


Figure 38: Age specific incidence rates of Cervical cancer in Sri Lanka in 2018

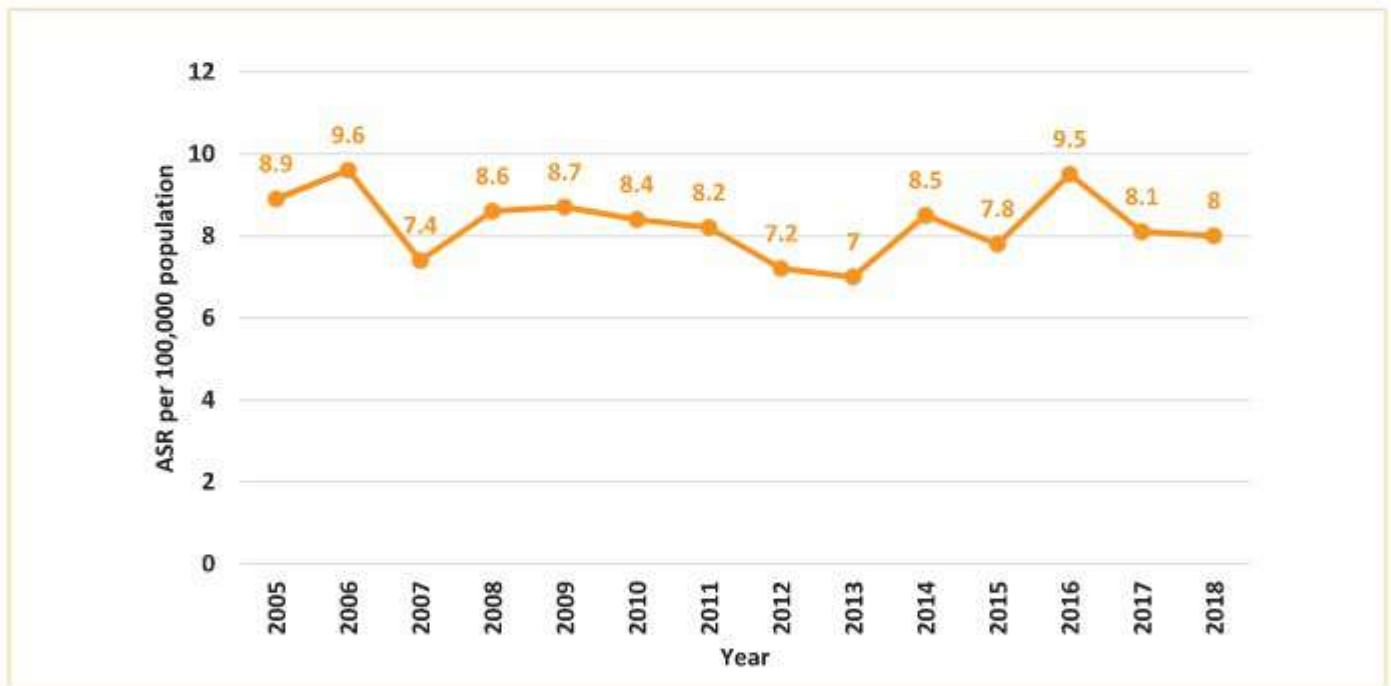


Figure 39: Age standardized incidence rates of Cervical cancer in Sri Lanka, 2005 - 2018

Table 25: Uterine cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Female	1020	6.4	7.6	1.0

ASR - Age Standardized Incidence Rate per 100,000 world population
 Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD O code and site	No.
C54.0 Isthmus uteri	4
C54.1 Endometrium	518
C54.2 Myometrium	5
C54.3 Fundus uteri	3
C54.8 Overlapping lesion of corpus	1
C54.9 Corpus uteri	14
C55.0 Malignant neoplasm of uterus, part unspecified	475
Total	1020

ICD O code and histology	No.
8000 Neoplasm, malignant	62
8004 Malignant tumor, spindle cell	1
8010 Carcinoma, NOS	44
8020 Carcinoma, undifferentiated, NOS	1
8032 Spindle cell carcinoma, NOS	1
8050 Papillary carcinoma, NOS	1
8070 Squamous cell carcinoma, NOS	33
8071 Squamous cell carcinoma, kerat	6
8072 Squamous cell carcinoma, large	12
8076 Squamous cell carcinoma, microinvasive	2
8140 Adenocarcinoma, NOS	160
8141 Scirrhous adenocarcinoma	5
8144 Adenocarcinoma, intestinal type	1
8260 Papillary adenocarcinoma, NOS	8
8262 Villous adenocarcinoma	1
8310 Clear cell adenocarcinoma, NOS	13
8380 Endometrioid adenocarcinoma, NOS	568
8441 Serous cystadenocarcinoma, NOS	11
8460 Papillary serous cystadenocarcinoma	5
8461 Serous surface papillary carcinoma	2
8480 Mucinous adenocarcinoma	1
8490 Signet ring cell carcinoma	1
8560 Adenosquamous carcinoma	1
8562 Epithelial-myoepithelial carcinoma	1
8800 Sarcoma, NOS	3
8806 Desmoplastic small round cell tumor	1
8850 Liposarcoma, NOS	1
8890 Leiomyosarcoma, NOS	13
8896 Myxoid leiomyosarcoma	2

Table 25 continued ...

ICD O code and histology		No.
8930	Endometrial stromal sarcoma, NOS	19
8931	Endometrial stromal sarcoma, low grade	5
8933	Adenosarcoma	1
8935	Stromal sarcoma, NOS	4
8950	Mullerian mixed tumor	6
8980	Carcinosarcoma, NOS	21
8990	Mesenchymoma, malignant	1
9100	Choriocarcinoma, NOS	1
9120	Haemangiosarcoma	1
Total		1020

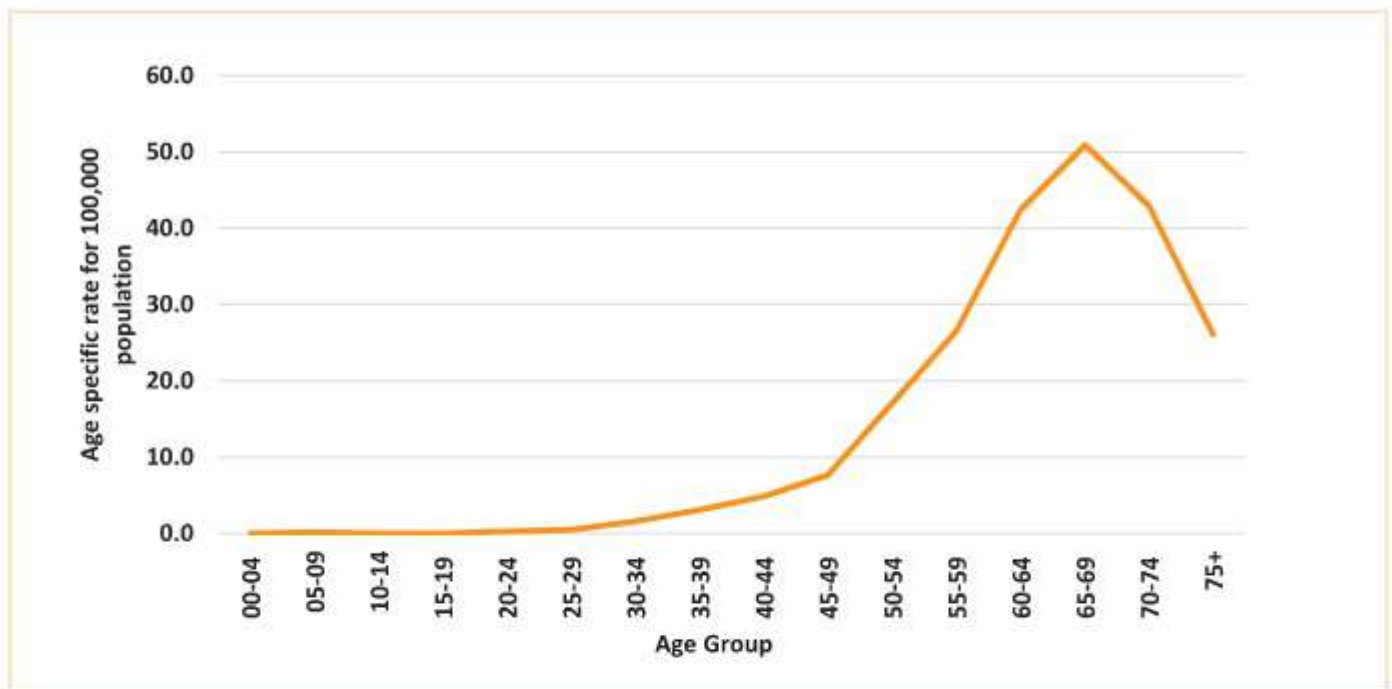


Figure 40: Age specific incidence rates of Uterine cancer in Sri Lanka in 2018



Figure 41: Age standardized incidence rates of Uterine cancer in Sri Lanka, 2005 - 2018

Table 26: Ovary cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Female	938	6.0	7.2	0.8

ASR - Age Standardized Incidence Rate per 100,000 world population
 Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site	No.
C56.9 Ovary	938
Total	938

ICD O code and histology	No.
8000 Neoplasm, malignant	121
8001 Tumor cells, malignant	7
8005 Malignant tumor, clear cell type	1
8010 Carcinoma, NOS	44
8021 Carcinoma, anaplastic, NOS	1
8050 Papillary carcinoma, NOS	3
8070 Squamous cell carcinoma, NOS	8
8072 Squamous cell carcinoma, large cell, nonkeratinizing, NOS	1
8120 Transitional cell carcinoma, NOS	1
8140 Adenocarcinoma, NOS	84
8144 Adenocarcinoma, intestinal type	1
8240 Carcinoid tumor, NOS	1
8260 Papillary adenocarcinoma, NOS	22
8310 Clear cell adenocarcinoma, NOS	35
8320 Granular cell carcinoma	1
8380 Endometrioid adenocarcinoma, NOS	72
8440 Cystadenocarcinoma, NOS	3
8441 Serous cystadenocarcinoma, NOS	202
8442 Serous cystadenoma, borderline malignancy	2
8450 Papillary cystadenocarcinoma,	1
8460 Papillary serous cystadenocarcinoma	125
8461 Serous surface papillary carcinoma	10
8470 Mucinous cystadenocarcinoma, NOS	55
8471 Papillary mucinous cystadenocarcinoma	8
8472 Mucinous cystic tumor of borderline malignancy	2
8480 Mucinous adenocarcinoma	36
8481 Mucin-producing adenocarcinoma	1
8482 Mucinous adenocarcinoma, endocervical type	1
8490 Signet ring cell carcinoma	1
8590 Sex cord-gonadal stromal tumor, NOS	1
8620 Granulosa cell tumor, malignant	26
8621 Granulosa cell-theca cell tumor	1
8631 Sertoli-Leydig cell tumor, poorly differentiated	2
8640 Sertoli cell carcinoma	1
8810 Fibrosarcoma, NOS	1

Table 26 continued ...

ICD O code and histology		No.
8890	Leiomyosarcoma, NOS	2
8950	Mullerian mixed tumor	3
8951	Mesodermal mixed tumor	1
8980	Carcinosarcoma, NOS	4
9000	Brenner tumor, malignant	3
9014	Serous adenocarcinofibroma	1
9060	Dysgerminoma	7
9064	Germinoma	3
9071	Yolk sac tumor	7
9080	Teratoma, malignant, NOS	13
9084	Teratoma with malignant transformation	1
9085	Mixed germ cell tumor	7
9090	Struma ovarii, malignant	2
9100	Choriocarcinoma, NOS	1
9101	Choriocarcinoma combined with other germ cell elements	1
Total		938

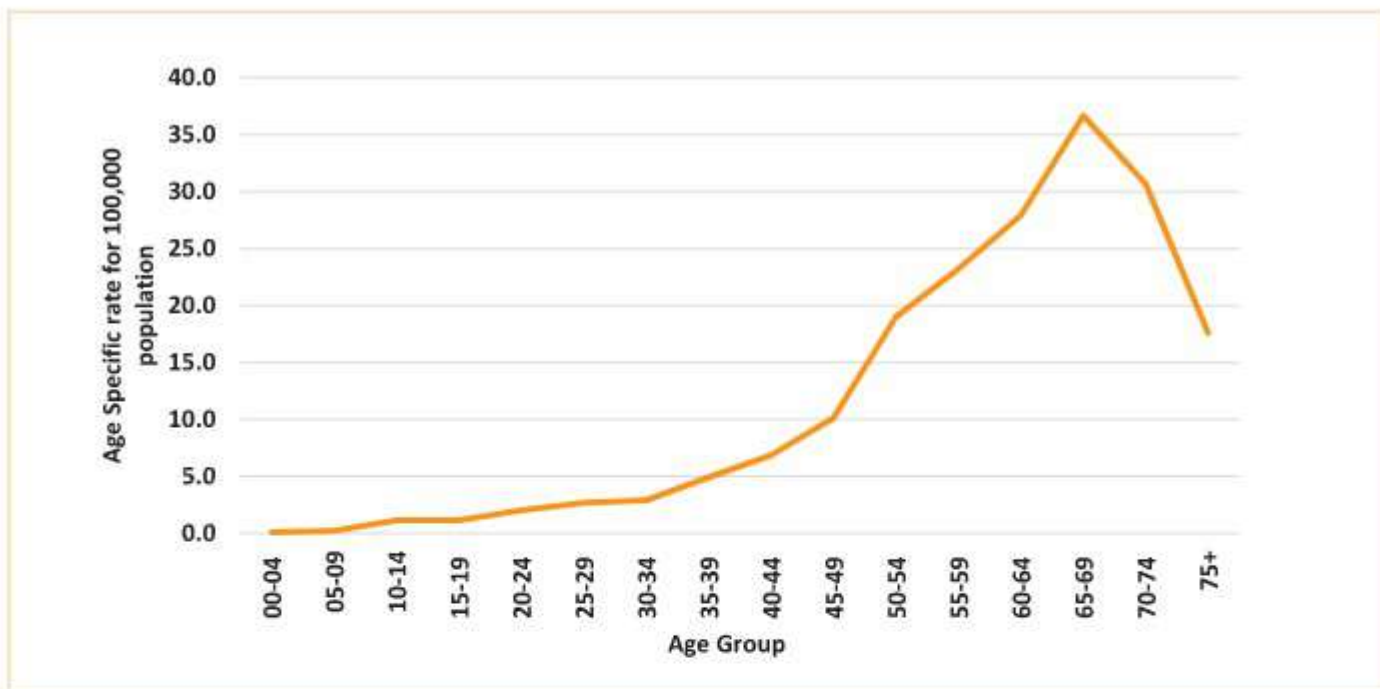


Figure 42: Age specific incidence rates of Ovarian cancer in Sri Lanka in 2018

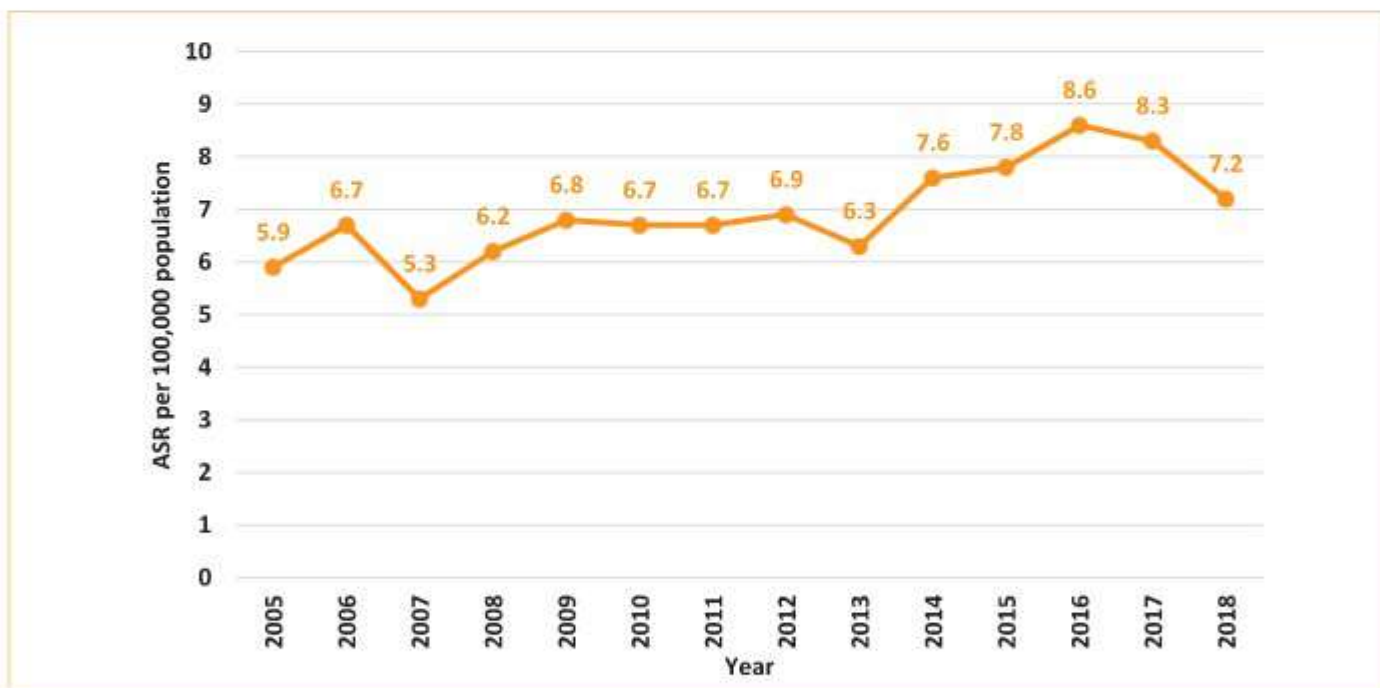


Figure 43: Age standardized incidence rates of Ovarian cancer in Sri Lanka, 2005 - 2018

Table 27: Prostate cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	1112	7.6	10.3	1.3

ASR - Age Standardized Incidence Rate per 100,000 world population
 Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and histology		No.
C61.9	Prostate gland	1112
Total		1112

ICD O code and histology		No.
8000	Neoplasm, malignant	177
8001	Tumor cells, malignant	1
8010	Carcinoma, NOS	34
8050	Papillary carcinoma, NOS	2
8070	Squamous cell carcinoma, NOS	4
8076	Squamous cell carcinoma, microinvasive	1
8098	Adenoid basal carcinoma	1
8120	Transitional cell carcinoma	11
8130	Papillary transitional cell carcinoma	3
8140	Adenocarcinoma, NOS	525
8430	Mucoepidermoid carcinoma	1
8480	Mucinous adenocarcinoma	1
8500	Infiltrating duct carcinoma, NOS	2
8550	Acinar cell carcinoma	323
8551	Acinar cell cystadenocarcinoma	23
8562	Epithelial-myoeithelial carcinoma	1
8900	Rhabdomyosarcoma, NOS	1
8910	Embryonal rhabdomyosarcoma, NOS	1
Total		1112

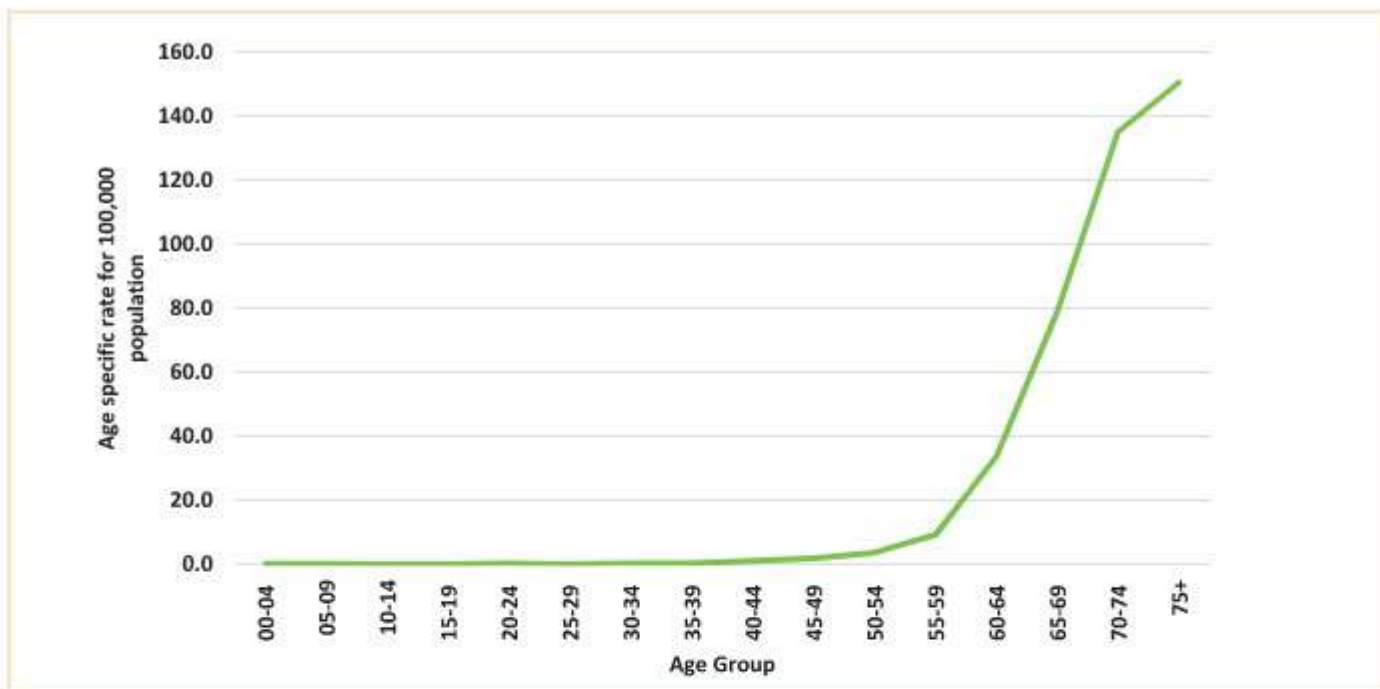


Figure 44: Age specific incidence rates of Prostate cancer in Sri Lanka in 2018

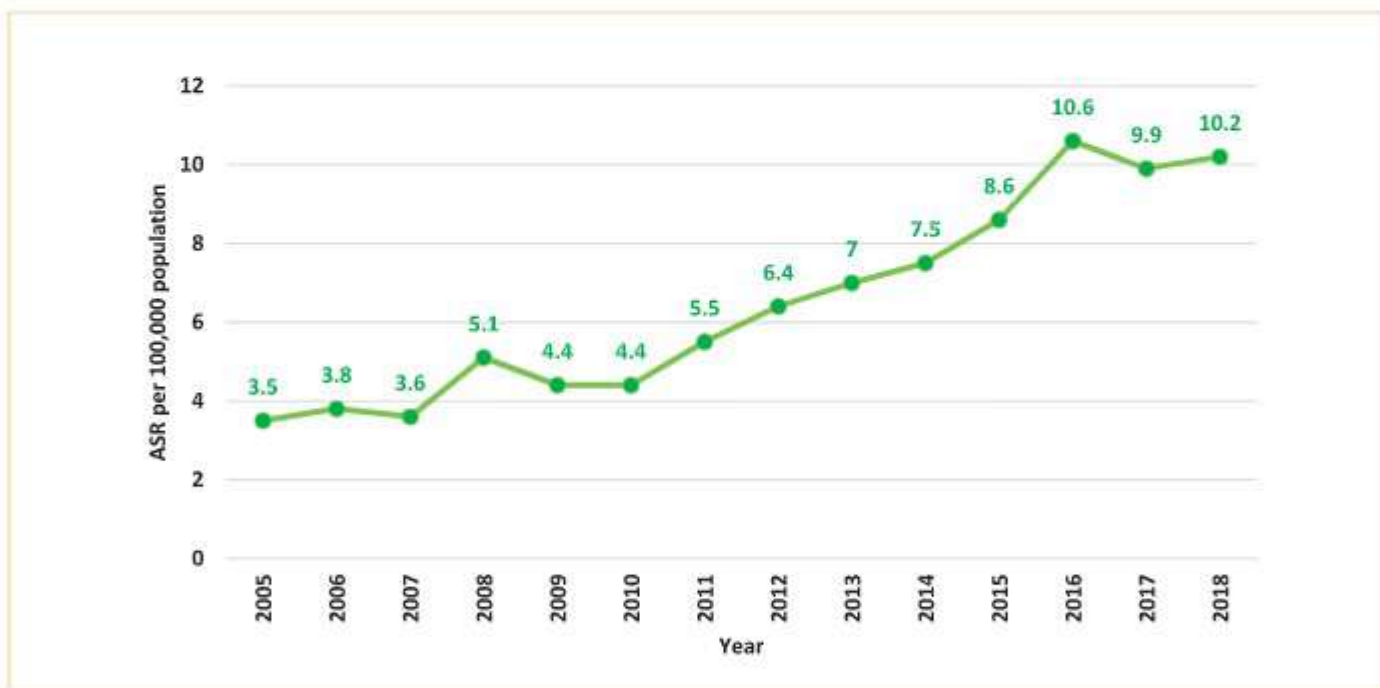


Figure 45: Age standardized incidence rates of Prostate cancer in Sri Lanka, 2005 - 2018

Table 28: Urinary bladder cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	573	3.9	5.2	0.7
Female	137	0.9	1.0	0.1

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site		Male	Female
C67.0	Trigone of bladder	1	0
C67.1	Dome of bladder	1	0
C67.2	Lateral wall of urinary	6	2
C67.3	Anterior wall of urinary	2	1
C67.4	Posterior wall of urinar	1	0
C67.5	Bladder neck	3	0
C67.6	Ureteric orifice	1	1
C67.7	Urachus	1	0
C67.8	Overlapping lesion of bladder	9	1
C67.9	Urinary bladder, NOS	548	132
Total		573	137

ICD O code and histology		Male	Female
8000	Neoplasm, malignant	61	10
8001	Tumor cells, malignant	3	0
8010	Carcinoma, NOS	14	7
8050	Papillary carcinoma, NOS	10	5
8052	Papillary squamous cell carcinoma	1	0
8070	Squamous cell carcinoma, NOS	7	2
8120	Transitional cell carcinoma, NOS	255	67
8122	Transitional cell carcinoma, spindle cell	1	1
8130	Papillary transitional cell carcinoma	204	37
8131	Transitional cell carcinoma, micropapillary	1	0
8140	Adenocarcinoma, NOS	11	6
8260	Papillary adenocarcinoma, NOS	1	0
8480	Mucinous adenocarcinoma	3	1
8500	Intraductal carcinoma, noninfiltrating, NOS	0	1
8805	Undifferentiated sarcoma	1	0
Total		573	137

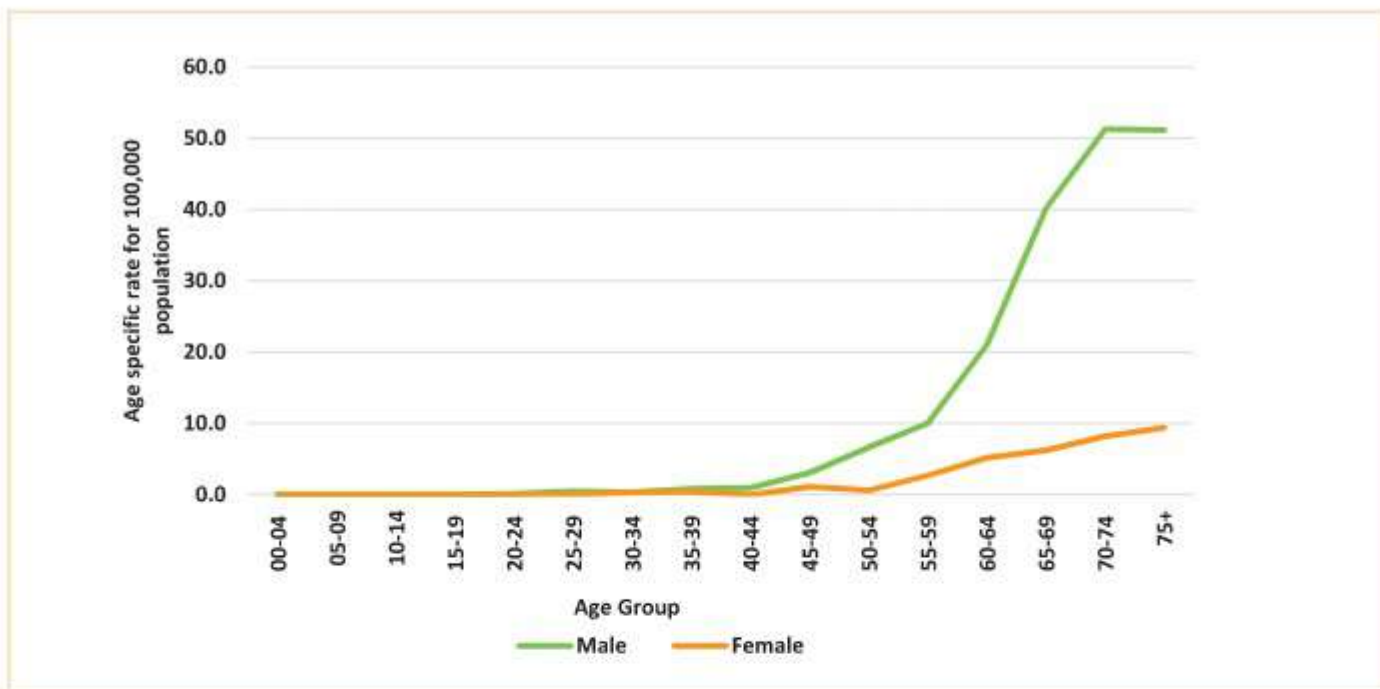


Figure 46: Age specific incidence rates of Urinary Bladder cancer in Sri Lanka in 2018



Figure 47: Age standardized incidence rates of Urinary Bladder cancer in Sri Lanka, 2005 - 2018

Table 29: Thyroid gland cancer incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	415	2.8	3.6	0.4
Female	1896	12.1	15.0	1.4

ASR -Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site		Male	Female
C73.9	Thyroid gland	415	1896
Total		415	1896

ICD 0 code and histology		Male	Female
8000	Neoplasm, malignant	15	35
8001	Tumor cells, malignant	1	1
8010	Carcinoma, NOS	17	15
8021	Carcinoma, anaplastic, NOS	13	24
8050	Papillary carcinoma, NOS	19	110
8052	Papillary squamous cell carcinoma	1	0
8070	Squamous cell carcinoma, NOS	4	2
8140	Adenocarcinoma, NOS	0	4
8200	Adenoid cystic carcinoma	0	1
8260	Papillary adenocarcinoma, NOS	200	767
8265	Micropapillary carcinoma, NOS	0	1
8290	Oxyphilic adenocarcinoma	8	24
8330	Follicular adenocarcinoma, NOS	35	229
8331	Follicular adenocarcinoma, well differentiated	1	4
8332	Follicular adenocarcinoma, trabecular	0	1
8335	Follicular carcinoma, minimally invasive	16	146
8337	Insular carcinoma	1	0
8340	Papillary carcinoma, follicular variant	38	171
8341	Papillary microcarcinoma	37	330
8343	Papillary carcinoma, capsula	1	7
8344	Papillary carcinoma, columnar	0	2
8350	Nonencapsulated sclerosing carcinoma	1	1
8500	Intraductal carcinoma, noninfiltrating, NOS	0	1
8510	Medullary carcinoma, NOS	6	16
8550	Acinar cell carcinoma	0	1
8680	Paraganglioma, malignant	0	1
8800	Sarcoma, NOS	0	1
9080	Teratoma, malignant, NOS	1	1
Total		415	1896

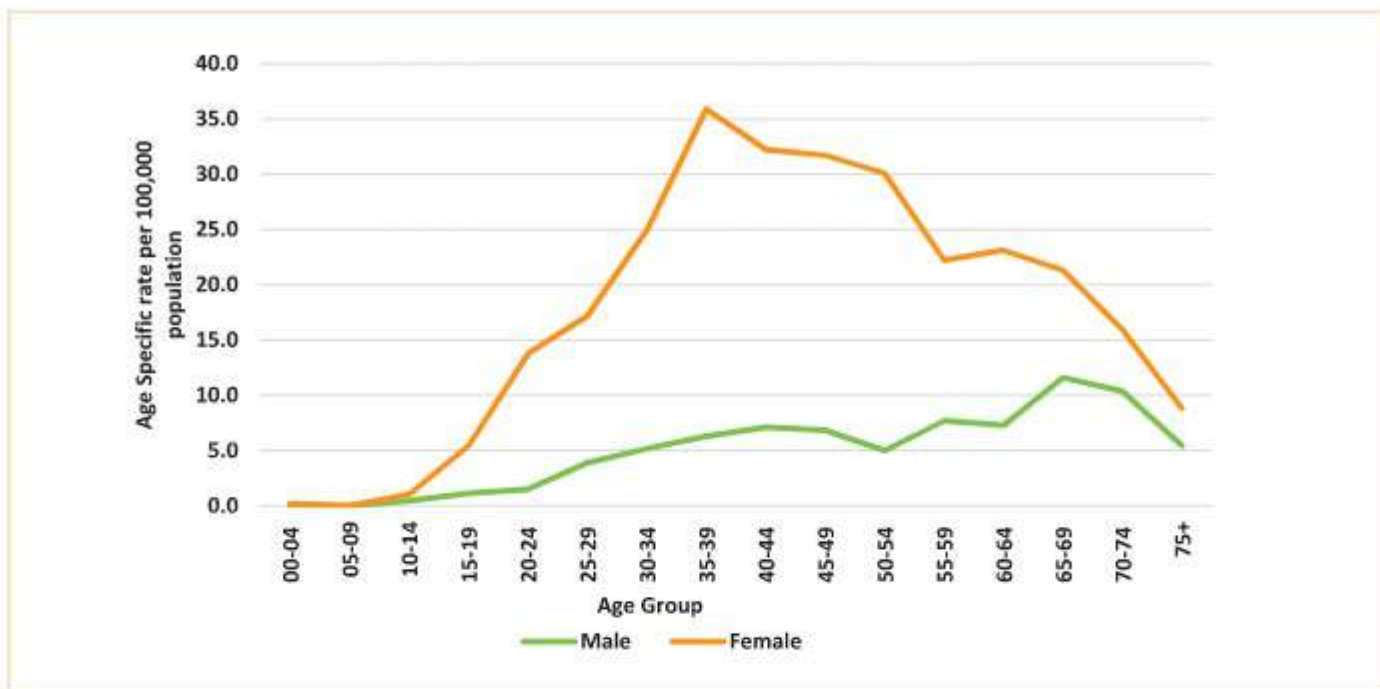


Figure 48: Age specific incidence rates of Thyroid gland cancer in Sri Lanka in 2018

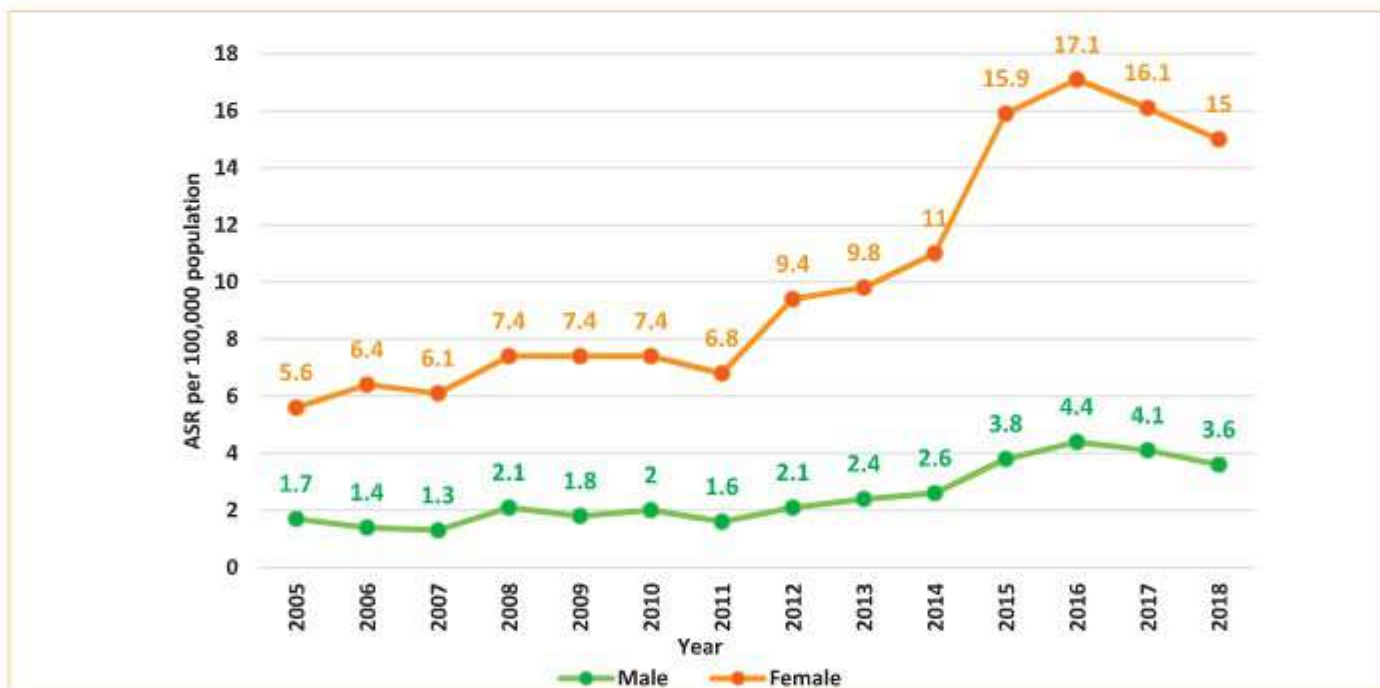


Figure 49: Age standardized incidence rates of Thyroid gland cancer in Sri Lanka, 2005 - 2018

Table 30: Lymphoma incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. rate
Male	551	3.7	5.0	0.5
Female	447	2.8	3.5	0.4

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site		Male	Female
C81.0	Nodular lymphocyte predominant Hodgkin lymphoma	2	3
C81.1	Nodular sclerosis (classical) Hodgkin lymphoma	28	21
C81.2	Mixed cellularity (classical) Hodgkin lymphoma	21	8
C81.3	Lymphocyte depleted (classical) Hodgkin lymphoma	0	1
C81.4	Lymphocyte-rich(classical) Hodgkin lymphoma	1	1
C81.9	Hodgkin lymphoma, unspecified	53	38
C82.0	Follicular lymphoma grade I	9	8
C82.1	Follicular lymphoma grade II	8	4
C82.2	Follicular lymphoma grade III, unspecified	2	3
C82.9	Follicular lymphoma, NOS	28	15
C83.0	Small cell B-cell lymphoma	15	9
C83.1	Mantle cell lymphoma	10	6
C83.3	Diffuse large B-cell lymphoma	44	50
C83.5	Lymphoblastic (diffuse) lymphoma	9	11
C83.7	Burkitt lymphoma, NOS	3	1
C84.0	Mycosis fungoides	19	12
C84.1	Sezary disease	0	1
C84.4	Perpheral T-cell lymphoma, not elsewhere classified	2	5
C84.6	Anaplastic large cell lymphoma	1	3
C84.8	Cutaneous T-cell lymphoma, NOS	1	0
C85.7	Other specified types of non- Hodgkin lymphoma	3	10
C85.9	Non-Hodgkin lymphoma, unspecified	289	235
C96.6	Unifocal Langerhans-cell histiocyctosis	3	2
Total		551	447

ICD O code & histology		Male	Female
9590	Malignant lymphoma, NOS	50	37
9591	Malignant lymphoma, non-Hodgkin	237	196
9596	Composite Hodgkin and non-Hodgkin lymphoma	3	10
9650	Hodgkin lymphoma, NOS	53	38
9651	Hodgkin lymphoma, lymphocyte-rich	1	1
9652	Hodgkin lymphoma, mixed cellular	21	8
9653	Hodgkin lymphoma, lymphocyte depletion, NOS	0	1
9659	Hodgkin lymphoma, nodular lymphocyte predominance	2	3
9663	Hodgkin lymphoma, nodular sclerosis	24	20
9665	Hodgkin lymphoma, nodular sclerosis, grade 1	2	0
9667	Hodgkin lymphoma, nodular sclerosis, grade 2	2	1

Table 30 continued ...

ICD O code & histology		Male	Female
9670	Malignant lymphoma, small B lymphocytic	9	4
9671	Malignant lymphoma, lymphoplasmacytic	5	4
9673	Mantle cell lymphoma	10	6
9680	Malignant lymphoma, large B-cell	43	49
9684	Malignant lymphoma, large B-cell, diffuse, immunoblastic, NOS	1	1
9687	Burkitt lymphoma, NOS	3	1
9689	Splenic marginal zone B-cell lymphoma	1	1
9690	Follicular lymphoma, NOS	28	15
9691	Follicular lymphoma, grade 2	8	4
9695	Follicular lymphoma, grade 1	9	8
9698	Follicular lymphoma, grade 3	2	3
9700	Mycosis fungoides	19	12
9701	Sezary syndrome	0	1
9702	Mature T-cell lymphoma, NOS	2	5
9705	Angioimmunoblastic T-cell lymphoma	1	1
9709	Cutaneous T-cell lymphoma, NOS	1	0
9714	Anaplastic large cell lymphoma, T cell and Null cell type	1	3
9718	Primary cutaneous CD30+ T-cell lymphoproliferative disorder	1	1
9727	Precursor cell lymphoblastic lymphoma NOS	2	1
9728	Precursor B-cell lymphoblastic lymphoma	1	2
9729	Precursor T-cell lymphoblastic lymphoma	6	8
9754	Langerhans cell histiocytosis, disseminated	3	2
Total		551	447

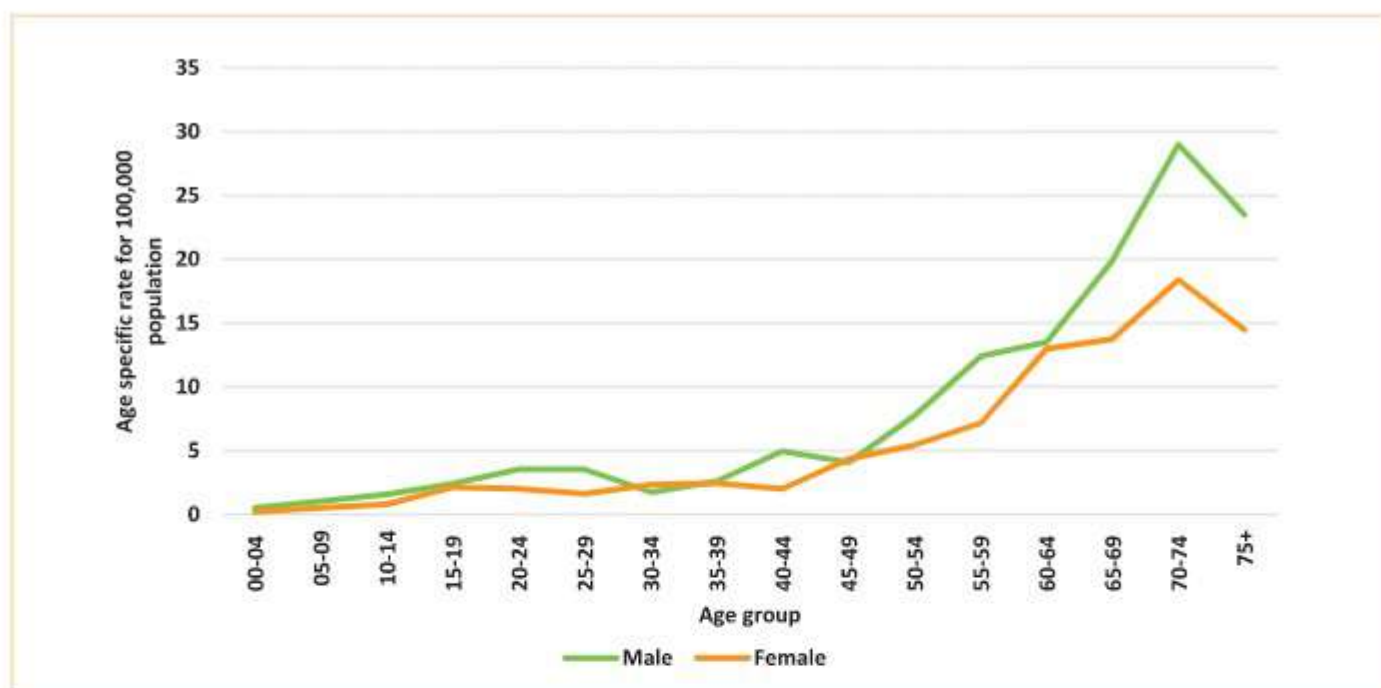


Figure 50: Age specific incidence rates of Lymphoma in Sri Lanka in 2018

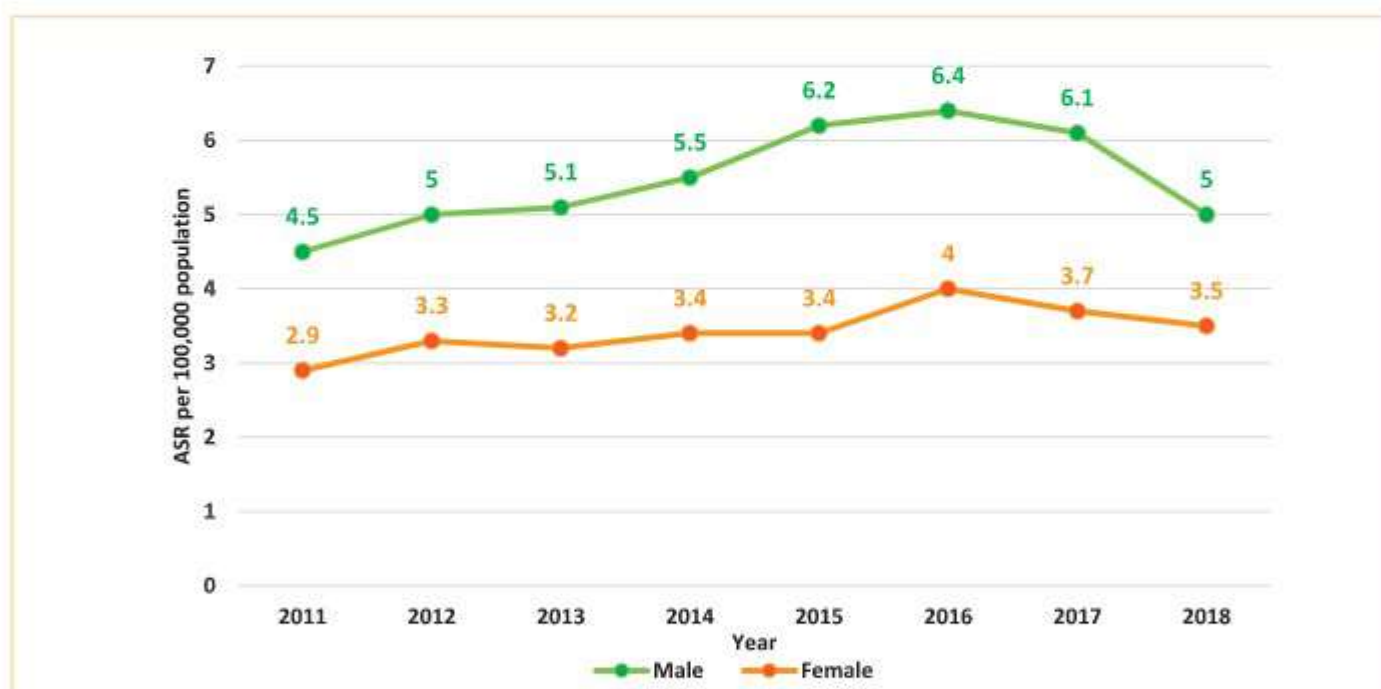


Figure 51: Age standardized incidence rates of Lymphoma in Sri Lanka, 2011 - 2018

Table 31: Leukemia incidence data in Sri Lanka, 2018

Group	Number	%	ASR	Cum. Rate
Male	339	2.3	3.2	0.3
Female	306	1.9	2.6	0.2

ASR - Age Standardized Incidence Rate per 100,000 world population

Cum.Rate-Cumulative Rate (0-74 years) per 100 population

ICD 10 code and site		Male	Female
C91.0	Acute lymphoblastic leukaemia	40	31
C91.1	Chronic lymphocytic leukaemia of B-cell type	14	13
C91.3	Prolymphocytic leukemia of B-cell type	1	3
C91.4	Hairy cell leukemia	2	2
C91.6	Prolymphocytic leukemia of T-cell type	1	0
C91.8	Mature B-cell leukaemia Burkitt-type	1	1
C91.9	Lymphoid leukaemia, unspecified	22	21
C92.0	Acute myeloblastic leukaemia(AML)	97	110
C92.1	Chronic myeloid leukemia, NOS	53	44
C92.2	Atypical chronic myeloid leukaemia	1	0
C92.3	Myeloid sarcoma	3	0
C92.4	Acute promyelocytic leukemia,	6	4
C92.5	Acute myelomonocytic leukemia	5	2
C92.6	Acute myeloid leukemia with 11q23-abnormality	1	1
C92.8	Acute myeloid leukemia with multilineage dysplasia	1	0
C92.9	Myeloid leukemia, NOS	3	3
C93.0	Acute monocytic leukemia	3	7
C93.1	Chronic myelomonocytic leukemia	2	5
C93.3	Juvenile myelomonocytic leukemia	1	1
C94.0	Acute erythroid leukaemia	5	4
C95.0	Acute leukemia of unspecified cell type	74	49
C95.9	Leukemia, unspecified	4	5
Total		339	306

ICD O code and histology		Male	Female
9800	Acute leukemia, NOS	4	5
9801	Acute megakaryoblastic leukemia	73	49
9805	Acute biphenotypic leukemia	1	0
9820	Lymphoid leukaemia	22	21
9823	Acute monocytic leukemia	14	13
9826	Burkitt cell leukaemia	1	1
9832	Prolymphocytic leukemia, NOS	0	3
9833	B-cell type, prolymphocytic	1	0
9834	Prolymphocytic leukemia, T-cell type	1	0
9835	Precursor cell lymphoblastic leukemia, NOS	13	13
9836	Precursor B-cell lymphoblastic leukemia	14	10
9837	Precursor T-cell lymphoblastic leukemia	13	8
9840	Acute myeloid leukemia, NOS	5	4
9860	Myeloid leukemia, NOS	3	3
9861	Acute myeloid leukemia, NOS	86	97

Table 31 continued...

ICD O code and histology		Male	Female
9863	Chronic myeloid leukemia, NOS	50	42
9866	Acute promyelocytic leukemia,	6	4
9867	Acute myelomonocytic leukemia	5	2
9872	Acute myeloid leukemia	0	2
9873	Acute myeloid leukemia without maturation	3	1
9874	Acute myeloid leukemia with maturation	7	10
9875	Chronic myelogenous leukemia, BCR/ABL positive	3	2
9876	Atypical chronic myeloid leukaemia	1	0
9891	Acute monocytic leukemia	3	7
9895	Acute myeloid leukaemia with multilineage dysplasia	1	0
9896	Acute myeloid leukemia, t(8;21)(q22;q22)	1	0
9897	11q23 abnormalities, acute myeloid	1	1
9930	Myeloid sarcoma	3	0
9940	Hairy cell leukemia	2	2
9945	Chronic myelomonocytic leukemia, NOS	2	5
9946	Juvenile myelomonocytic leukemia	0	1
Total		339	306

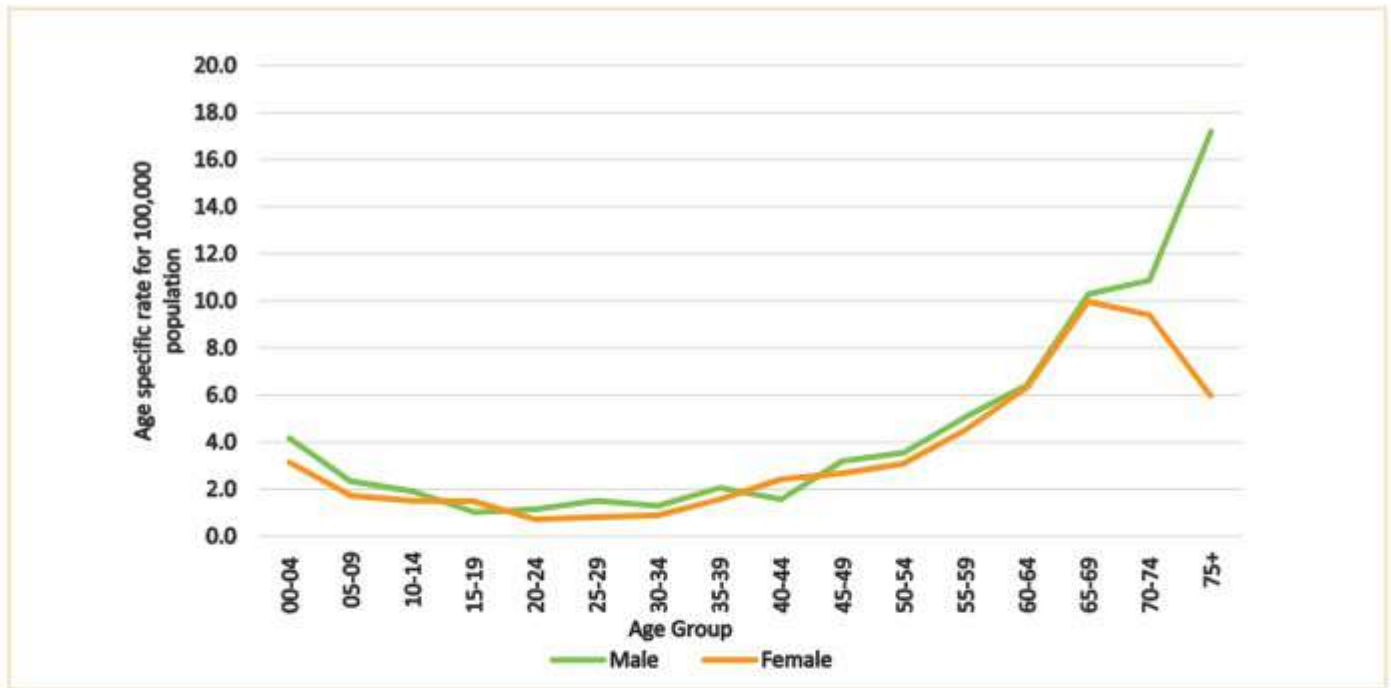


Figure 52: Age specific incidence rates of Leukaemia in Sri Lanka in 2018



Figure 53: Age standardized incidence rates of Leukaemia in Sri Lanka, 2011 - 2018

Clinical staging at the point of diagnosis of Breast, Cervix and Lip, tongue mouth cancers in Sri Lanka, 2018

Figure 54, 55 and 56 give the clinical staging information at the point of diagnosis of Breast, Cervix and Lip, Tongue and Mouth cancers. Information on clinical staging was available for 30% of diagnosed Breast cancers, 21% of diagnosed Cervical cancers and 11% of diagnosed Lip, Tongue and Mouth cancers.

The percentages computed are out of the cancers with staging information.



Figure 54: Clinical stage at diagnosis of Breast cancers in Sri Lanka, 2018

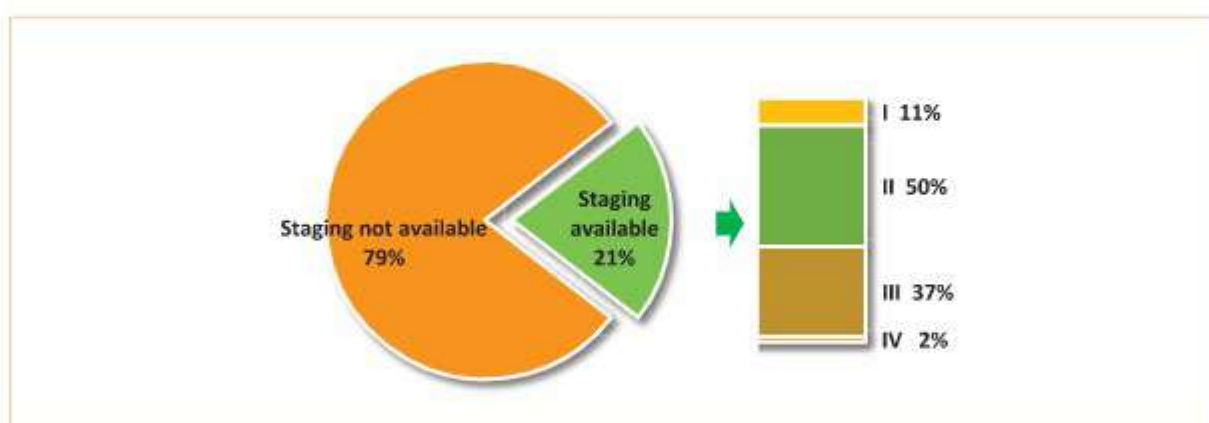


Figure 55: Clinical stage at diagnosis of Cervical cancers in Sri Lanka, 2018



Figure 56: Clinical stage at diagnosis of Lip, Tongue and Mouth cancers in Sri Lanka, 2018

Table 32: Basis of diagnosis of cancer patients in Sri Lanka, 2018

Basis of diagnosis	Frequency	Percentage
Diagnosed microscopically		
Histology of primary	26198	84.91
Histology of metastasis	1425	4.62
Cytology/Haematology only	366	1.19
Subtotal	27989	90.72
Diagnosed non-microscopically		
Clinical investigation including X-ray, USS, CT, etc. (imaging only)	479	1.55
Death certificate only	1458	4.73
Clinical only	2	0.01
Specific biochemical/immunological test only	8	0.03
Exploratory surgery	10	0.03
Subtotal	1957	6.34
Unknown/Not recorded	907	2.94
Total	30853	100

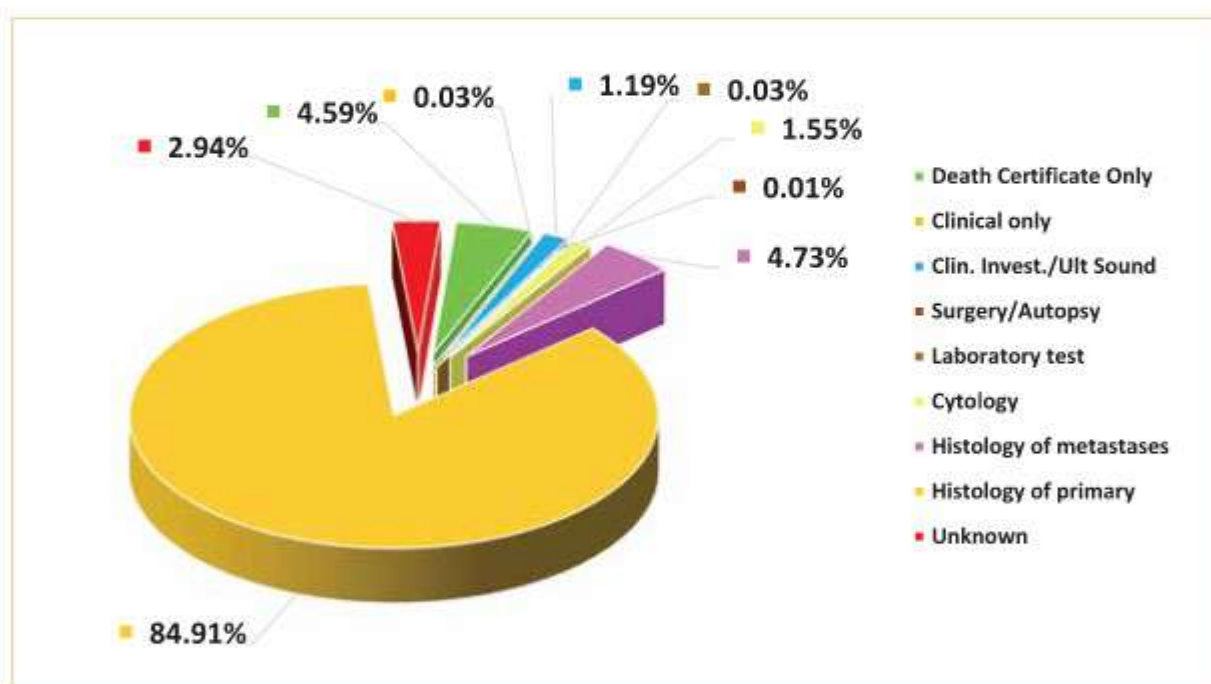


Figure 57: Basis of diagnosis of cancers in Sri Lanka, 2018

Treatment details are available among 7188 patients (percentage) out of 30853 patients.

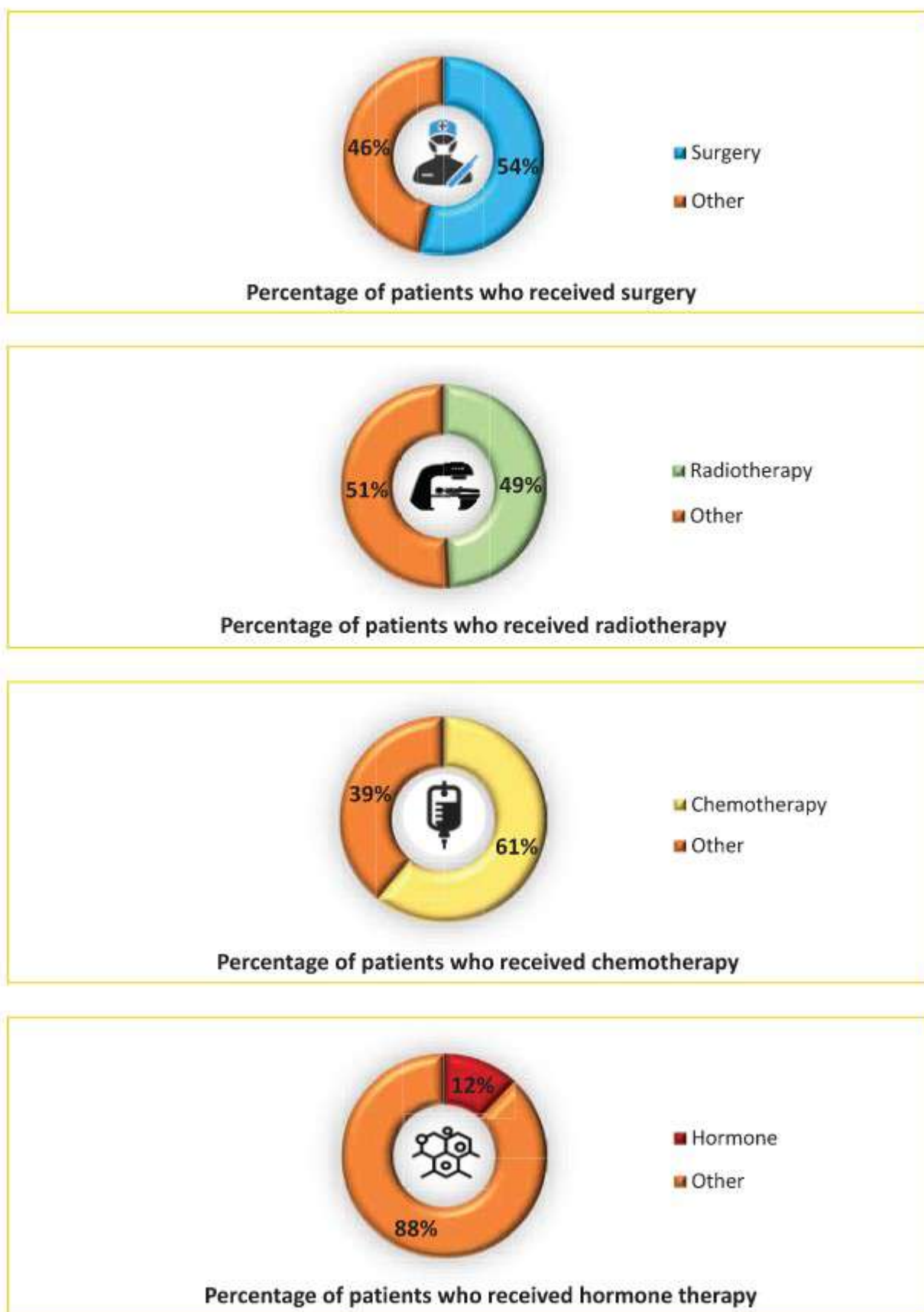


Figure 58: Percentage of newly detected cancer patients who received different types of treatment in Sri Lanka, 2018

Table 33: Childhood and adolescent cancer incidence data (0-19 years) in Sri Lanka, 2018 according to International Classification of Childhood Cancer third edition (ICCC-3) by sex

ICCC-3 Site Group	ICD -O-3 Histology	Male	Female	Total
I	Leukaemias, myeloproliferative diseases, and myelodysplastic diseases			
a. Lymphoid leukaemia	9820 Lymphoid leukaemia, NOS	15	14	29
	9833 Prolymphocytic leukemia, B-cell type	1	0	1
	9835 Precursor cell lymphoblastic leukaemia, NOS	5	6	11
	9836 Precursor B-cell lymphoblastic leukaemia	12	5	17
	9837 Precursor T-cell lymphoblastic leukaemia	3	7	10
	9940 Hairy cell leukemia	1	0	1
b. Acute myeloid leukaemia	9840 Acute myeloid leukaemia, M6 type	0	1	1
	9861 Acute myeloid leukaemia, NOS	10	11	21
	9866 Acute promyelocytic leukaemia, t(15;17) (q22;q11-12)	0	1	1
	9867 Acute myelomonocytic leukaemia	1	0	1
c. Chronic myeloproliferative diseases	9863 Chronic myeloid leukaemia, NOS	3	2	5
	9875 Chronic myelogenous leukemia, BCR-ABL positive	1	0	1
d. Myelodysplastic syndrome and other myeloproliferative diseases	9946 Juvenile myelomonocytic leukaemia	0	1	1
e. Unspecified and other specified leukaemia	9800 Leukaemia, NOS	1	0	1
	9801 Acute leukaemia, NOS	0	1	1
	9860 Myeloid leukemia, NOS	34	22	56
Total		87	71	158
II	Lymphomas and reticuloendothelial neoplasms			
a. Hodgkin lymphomas	9650 Hodgkin lymphoma, NOS	12	5	17
	9651 Hodgkin lymphoma, lymphocyte-rich	1	0	1
	9652 Hodgkin lymphoma, mixed cellularity, NOS	4	1	5
	9663 Hodgkin lymphoma, nodular sclerosis, NOS	4	4	8
	9667 Hodgkin lymphoma, nodular sclerosis, grade 2	1	0	1

Table 33 continued...

ICCC-3 Site Group	ICD -O-3 Histology	Male	Female	Total
b. Non-Hodgkin lymphomas (except Burkitt lymphoma)	9591 Malignant lymphoma, non-Hodgkin, NOS	10	7	17
	9670	1	0	1
	9680 Malignant lymphoma, large B-cell, diffuse, NOS	0	2	2
	9700 Mycosis fungoides	3	4	7
	9718 Malignant lymphoma, small B lymphocytic, NOS	0	1	1
	9727 Precursor cell lymphoblastic lymphoma, NOS	0	1	1
	9728 Precursor B-cell lymphoblastic lymphoma	0	1	1
	9729 Precursor T-cell lymphoblastic lymphoma	5	4	9
	9732 Multiple myeloma	1	0	1
c. Burkitt lymphoma	9687 Burkitt lymphoma, NOS	2	0	2
d. Miscellaneous lymphoreticular neoplasms	9754 Langerhans cell histiocytosis, disseminated	2	1	3
e. Unspecified lymphomas	9590 Malignant lymphoma, NOS	5	3	8
Total		51	34	85
III CNS and miscellaneous intracranial and intraspinal neoplasms				
a. Ependymomas and choroid plexus tumour	9390 Choroid plexus carcinoma	0	2	2
	9391 Ependymoma, NOS	1	2	3
	9392 Ependymoma, anaplastic	1	1	2
b. Astrocytoma	9380 Glioma, malignant	1	0	1
	9400 Astrocytoma, NOS	5	2	7
	9401 Astrocytoma, anaplastic	2	0	2
	9424 Pleomorphic xanthoastrocytoma	0	1	1
	9440 Glioblastoma, NOS	0	3	3
c. Intracranial and intraspinal embryonal tumours	9470 Medulloblastoma, NOS	5	1	6
	9471 Desmoplastic nodular medulloblastoma	1	0	1
	9473 Primitive neuroectodermal tumor, NOS	1	0	1
	9508 Atypical teratoid/rhabdoid tumor	1	3	4
d. Other gliomas	9380 Glioma, malignant	6	4	10
	9450 Oligodendroglioma, NOS	0	1	1
	9451 Oligodendroglioma, anaplastic	0	1	1
f. Unspecified intracranial and intraspinal neoplasms	8000 Neoplasm, malignant	2	1	3
Total		26	22	48

Table 33 continued...

ICCC-3 Site Group	ICD -O-3 Histology		Male	Female	Total
IV Neuroblastoma and other peripheral nervous cell tumours					
a. Neuroblastoma and ganglioneuroblastoma	9490	Ganglioneuroblastoma	2	5	7
	9500	Neuroblastoma, NOS	15	5	20
Total			17	10	27
V Retinoblastoma					
Retinoblastoma	9510	Retinoblastoma, NOS	37	34	71
Total			37	34	71
VI Renal tumours					
a. Nephroblastoma and other nonepithelial renal tumours	8960	Nephroblastoma, NOS	12	17	29
	8964	Clear cell sarcoma of kidney	2	1	3
b. Renal carcinomas	8120	Transitional cell carcinoma	1	0	1
Total			15	18	33
VII Hepatic tumours					
a. Hepatoblastoma	8970	Hepatoblastoma	13	4	17
b. Hepatic carcinomas	8170	Hepatocellular carcinoma, NOS	2	0	2
Total			15	4	19
VIII Malignant bone tumours					
a. Osteosarcomas	9180	Osteosarcoma, NOS	12	11	23
	9181	Chondroblastic osteosarcoma	5	0	5
	9186	Central Osteosarcoma	1	0	1
b. Chondrosarcomas	9220	Chondrosarcoma, NOS	1	0	1
c. Ewing tumours and related sarcomas of bone	9260	Ewing sarcoma	6	14	20
d. Other specified malignant bone tumours	9261	Adamantinoma of long bones	1	0	1
	9270	Odontogenic tumor, malignant	1	0	1
Total			27	25	52
IX Soft tissue and other extraosseous sarcoma					
a. Rhabdomyosarcoma	8900	Rhabdomyosarcoma, NOS	5	9	14
	8910	Embryonal rhabdomyosarcoma, NOS	3	5	8

Table 33 continued...

ICCC-3 Site Group	ICD -O-3 Histology	Male	Female	Total
b. Fibrosarcomas, peripheral nerve sheath tumours, and other fibrous neoplasms	8811 Fibromyxosarcoma	0	1	1
	8814 Infantile fibrosarcoma	0	1	1
d. Other specified soft tissue sarcomas	8806 Desmoplastic small round cell tumour	12	16	28
	8858 Dedifferentiated liposarcoma	1	0	1
	8870 Myelolipoma	1	0	1
	9040 Synovial sarcoma, NOS	1	7	8
	9044 Clear cell sarcoma, NOS (except of kidney)	0	1	1
	9133 Epithelioid hemangioendothelioma, malignant	1	0	1
e. Unspecified soft tissue sarcomas	9260 Ewing sarcoma	2	2	4
	8800 Sarcoma, NOS	3	1	4
Total		29	43	72
X	Germ cell tumours, trophoblastic tumours, and neoplasms of gonads			
a. Intracranial and intraspinal germ cell tumours	9080 Teratoma, malignant, NOS	1	0	1
b. Malignant extracranial and extragonadal germ cell tumours	9064 Germinoma	2	1	3
	9065 Germ cell tumor, nonseminomatous	1	0	1
	9071 Yolk sac tumour	1	3	4
	9080 Teratoma, malignant, NOS	0	5	5
	9085 Mixed germ cell tumour	2	0	2
c. Malignant gonadal germ cell tumours	9060 Dysgerminoma	0	2	2
	9064 Germinoma	1	2	3
	9071 Yolk sac tumour	1	3	4
	9080 Teratoma, malignant, NOS	0	7	7
	9082 Malignant teratoma, undifferentiated	1	0	1
	9085 Mixed germ cell tumour	1	0	1
	9100 Choriocarcinoma, NOS	0	1	1
	9101 Choriocarcinoma combined with other germ cell elements	0	1	1
d. Gonadal carcinomas	8010 Carcinoma, NOS	0	1	1
	8441 Serous cystadenocarcinoma, NOS	0	1	1
	8480 Mucinous adenocarcinoma	0	1	1
e. Other and unspecified malignant gonadal tumours	8000 Neoplasm, malignant	2	1	3
	8590 Sex cord-gonadal stromal tumor, NOS	0	1	1

Table 33 continued...

ICCC-3 Site Group	ICD -O-3 Histology	Male	Female	Total
	8620 Granulosa cell tumour, malignant	0	1	1
Total		13	31	44
XI	Other malignant epithelial neoplasms and malignant melanomas			
a. Adrenocortical carcinomas	8370 Adrenal cortical carcinoma	3	1	4
b. Thyroid carcinomas	8050 Papillary carcinoma, NOS	1	4	5
	8260 Papillary adenocarcinoma, NOS	7	30	37
	8330 Follicular adenocarcinoma, NOS	2	8	10
	8331 Follicular adenocarcinoma, well differentiated	1	1	2
	8335 Follicular carcinoma, minimally invasive	0	2	2
	8340 Papillary carcinoma, follicular variant	1	6	7
	8341 Papillary microcarcinoma	2	6	8
	8343 Papillary carcinoma, encapsulated	0	1	1
c. Nasopharyngeal carcinomas	8010 Carcinoma, NOS	1	2	3
d. Malignant melanomas	8720 Malignant melanoma, NOS (<i>except juvenile melanoma M-8770/0</i>)	1	0	1
e. Skin carcinomas	8090 Basal cell carcinoma, NOS	1	0	1
	8320 Granular cell carcinoma	0	1	1
f. Other and unspecified carcinomas	8010 Carcinoma, NOS	5	2	7
	8050 Papillary carcinoma, NOS	1	0	1
	8051 Verrucous carcinoma, NOS	1	0	1
	8070 Squamous cell carcinoma, NOS	3	2	5
	8120 Transitional cell carcinoma, NOS	1	0	1
	8140 Adenocarcinoma, NOS	4	1	5
	8240 Carcinoid tumour, NOS	2	0	2
	8246 Neuroendocrine carcinoma, NOS	0	2	2
	8260 Tubulovillous adenoma, NOS	1	2	3
	8430 Mucoepidermoid carcinoma	2	5	7
	8480 Mucinous adenocarcinoma	0	1	1
	8500 Infiltrating duct carcinoma, NOS	0	1	1
	8503 Intraductal papillary adenocarcinoma with invasion	0	1	1
	8550 Acinar cell carcinoma	2	1	3
	8583 Thymoma, type B1, malignant	1	0	1
	9010 Fibroadenoma, NOS	0	1	1
	9020 Phyllodes tumor, malignant	0	1	1
	9510 Retinoblastoma, NOS	1	0	1
Total		44	81	125

Table 33 continued...

ICCC-3 Site Group		ICD -O-3 Histology		Male	Female	Total
Other and unspecified						
XII	malignant neoplasms					
	a. Other specified malignant tumours	8936	Gastrointestinal stromal sarcoma	0	1	1
		9110	Mesonephroma, malignant	0	2	2
	b. Other unspecified malignant tumours	8000	Neoplasm, malignant	19	6	25
		8004	Malignant tumour, spindle cell type	1	4	5
	Total			20	13	33
	All sites			381	386	767

Table 34: Overall cancer incidence by province & district in Sri Lanka, 2018

Province	District	Male		Female		Total	
		No	%	No	%	No	%
	Not Known	6498	43.6	6407	40.2	12905	41.8
Western		2952	19.8	3276	20.6	6228	20.2
	Colombo	1819	12.2	2014	12.6	3833	12.4
	Gampaha	677	4.5	737	4.6	1414	4.6
	Kaluthara	456	3.1	525	3.3	981	3.2
Central		1375	9.2	1724	10.8	3099	10.0
	Kandy	740	5.0	914	5.7	1654	5.4
	Matale	341	2.3	354	2.2	695	2.3
	Nuwara Eliya	294	2.0	456	2.9	750	2.4
Southern		737	4.9	898	5.6	1635	5.3
	Galle	319	2.1	386	2.4	705	2.3
	Hambanthota	204	1.4	223	1.4	427	1.4
	Matara	214	1.4	289	1.8	503	1.6
Northern		415	2.8	510	3.2	925	3.0
	Jaffna	294	2.0	359	2.3	653	2.1
	Killinochchi	39	0.3	42	0.3	81	0.3
	Mannar	22	0.1	32	0.2	54	0.2
	Mullativu	27	0.2	43	0.3	70	0.2
	Vavuniya	33	0.2	34	0.2	67	0.2
Eastern		334	2.2	414	2.6	748	2.4
	Ampara	137	0.9	164	1.0	301	1.0
	Batticaloa	147	1.0	157	1.0	304	1.0
	Trincomalee	50	0.3	93	0.6	143	0.5
North Western		1186	8.0	1230	7.7	2416	7.8
	Kurunegala	947	6.3	944	5.9	1891	6.1
	Puttalam	239	1.6	286	1.8	525	1.7
North Central		207	1.4	257	1.6	464	1.5
	Anuradhapura	105	0.7	156	1.0	261	0.8
	Polonnaruwa	102	0.7	101	0.6	203	0.7
Uva		365	2.4	388	2.4	753	2.4
	Badulla	243	1.6	256	1.6	499	1.6
	Monaragala	122	0.8	132	0.8	254	0.8
Sabaragamuwa		848	5.7	832	5.2	1680	5.4
	Rathnapura	485	3.3	489	3.1	974	3.2
	Kegalle	363	2.4	343	2.2	706	2.3
Total		14917	100	15936	100	30853	100

Table 35: Leading cancer incidence data by district in Sri Lanka, 2018

Western province

Colombo

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	546	22.4	14.2
2	C33-C34 Trachea, broncus and lung	294	12.1	7.7
3	C18-C20 Colon and rectum	289	11.9	7.5
4	C00-C06 Lip, tongue & mouth	225	9.2	5.9
5	C61 Prostate	172	7.1	4.5
6	C73 Thyroid	165	6.8	4.3
7	C54-C55 Uterus	154	6.3	4
8	C22 Liver	150	6.2	3.9
8	C56 Ovary	150	6.2	3.9
10	C15 Oesophagus	133	5.5	3.5
All sites		3833	157.2	100

Gampaha

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	230	9.5	16.3
2	C00-C06 Lip, tongue & mouth	174	7.2	12.3
3	C73 Thyroid	96	4.0	6.8
4	C18-C20 Colon and rectum	95	3.9	6.7
5	C33-C34 Trachea, broncus and lung	81	3.4	5.7
6	C81-85 & C96 Lymphoma	64	2.7	4.5
7	C15 Oesophagus	63	2.6	4.5
8	C54-C55 Uterus	60	2.5	4.2
9	C56 Ovary	59	2.4	4.2
10	C61 Prostate	57	2.4	4
All sites		1414	58.7	100

Kaluthara

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	134	10.5	13.7
2	C00-C06 Lip, tongue & mouth	132	10.3	13.5
3	C18-C20 Colon and rectum	85	6.6	8.7
4	C73 Thyroid	62	4.8	6.3
5	C33-C34 Trachea, broncus and lung	57	4.5	5.8
6	C15 Oesophagus	55	4.3	5.6
7	C53 Cervix	41	3.2	4.2
8	C56 Ovary	37	2.9	3.8
9	C91-C95 Leukemia	32	2.5	3.3
10	C61 Prostate	30	2.3	3.1
All sites		981	76.6	100

Central Province

Kandy

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	237	16.1	14.3
2	C18-C20 Colon and rectum	149	10.1	9
3	C15 Oesophagus	124	8.4	7.5
4	C33-C34 Trachea, broncus and lung	122	8.3	7.4
5	C73 Thyroid	118	8.0	7.1
6	C00-C06 Lip, tongue & mouth	97	6.6	5.9
7	C81-85 & C96 Lymphoma	80	5.4	4.8
8	C56 Ovary	65	4.4	3.9
9	C91-C95 Leukemia	53	3.6	3.2
10	C61 Prostate	50	3.4	3
All sites		1654	112.7	100

Matale

Rank	ICD code & site	Cases	CR	%
1	C00-C06 Lip, tongue & mouth	91	17.5	13.1
2	C50 Breast	77	14.8	11.1
3	C73 Thyroid	67	12.9	9.6
4	C15 Oesophagus	62	11.9	8.9
5	C18-C20 Colon and rectum	47	9.0	6.8
6	C33-C34 Trachea, broncus and lung	38	7.3	5.5
7	C81-85 & C96 Lymphoma	30	5.8	4.3
8	C32 Larynx	28	5.4	4
9	C09-C14 Pharynx	27	5.2	3.9
10	C56 Ovary	25	4.8	3.6
All sites		695	133.8	100

Nuwara Eliya

Rank	ICD code & site	Cases	CR	%
1	C15 Oesophagus	110	14.4	14.7
2	C50 Breast	104	13.6	13.9
3	C00-C06 Lip, tongue & mouth	65	8.5	8.7
4	C73 Thyroid	51	6.7	6.8
5	C53 Cervix	41	5.4	5.5
6	C33-C34 Trachea, broncus and lung	35	4.6	4.7
7	C18-C20 Colon and rectum	30	3.9	4
8	C81-85 & C96 Lymphoma	29	3.8	3.9
9	C91-C95 Leukemia	26	3.4	3.5
10	C16 Stomach	24	3.1	3.2
All sites		750	98.3	100

Southern Province

Galle

Rank	ICD code & site	Cases	CR	%
1	C73 Thyroid	88	7.8	12.5
2	C50 Breast	78	6.9	11.1
3	C18-C20 Colon and rectum	50	4.4	7.1
4	C00-C06 Lip, tongue & mouth	49	4.4	7
5	C15 Oesophagus	43	3.8	6.1
6	C33-C34 Trachea, broncus and lung	41	3.6	5.8
7	C56 Ovary	34	3.0	4.8
8	C81-85 & C96 Lymphoma	33	2.9	4.7
9	C53 Cervix	24	2.1	3.4
9	C54-C55 Uterus	24	2.1	3.4
All sites		705	62.7	100

Hambantota

Rank	ICD code & site	Cases	CR	%
1	C73 Thyroid	82	12.5	19.2
2	C00-C06 Lip, tongue & mouth	52	7.9	12.2
3	C50 Breast	45	6.9	10.5
4	C18-C20 Colon and rectum	43	6.6	10.1
5	C81-85 & C96 Lymphoma	19	2.9	4.4
6	C32 Larynx	16	2.4	3.7
7	C53 Cervix	14	2.1	3.3
7	C61 Prostate	14	2.1	3.3
9	C15 Oesophagus	12	1.8	2.8
9	C33-C34 Trachea, broncus and lung	12	1.8	2.8
All sites		427	65.2	100

Matara

Rank	ICD code & site	Cases	CR	%
1	C73 Breast	66	7.7	13.1
2	C00-C06 Thyroid	59	6.9	11.7
3	C50 Colon and rectum	49	5.7	9.7
4	C18-C20 Lip, tongue & mouth	39	4.5	7.8
5	C81-85 & C96 Trachea, broncus and lung	34	4.0	6.8
6	C32 Lymphoma	27	3.1	5.4
7	C53 Prostate	25	2.9	5
8	C61 Cervix	22	2.6	4.4
9	C15 Ovary	20	2.3	4
10	C33-C34 Oesophagus	19	2.2	3.8
All sites		503	58.6	100

Northern Province

Jaffna

Rank	ICD code & site		Cases	CR	%
1	C50	Breast	100	16.3	15.3
2	C15	Oesophagus	57	9.3	8.7
3	C73	Thyroid	54	8.8	8.3
4	C00-C06	Lip, tongue & mouth	52	8.5	8
5	C09-C14	Pharynx	45	7.3	6.9
6	C61	Prostate	34	5.5	5.2
7	C81-85 & C96	Lymphoma	32	5.2	4.9
8	C53	Cervix	27	4.4	4.1
9	C32	Larynx	25	4.1	3.8
10	C56	Ovary	24	3.9	3.7
All sites			653	106.5	100

Killinochchi

Rank	ICD code & site		Cases	CR	%
1	C00-C06	Lip, tongue & mouth	8	6.3	9.9
2	C15	Oesophagus	7	5.5	8.6
2	C50	Breast	7	5.5	8.6
2	C91-95	Leukemia	7	5.5	8.6
5	C53	Cervix	6	4.7	7.4
6	C09-C14	Pharynx	5	4.0	6.2
7	C18-C20	Colon and rectum	4	3.2	4.9
7	C73	Thyroid	4	3.2	4.9
9	C16	Stomach	3	2.4	3.7
9	C64	Kidney	3	2.4	3.7
All sites			81	64.1	100

Mannar

Rank	ICD code & site		Cases	CR	%
1	C00-C06	Lip, tongue & mouth	7	6.4	13
1	C50	Breast	7	6.4	13
1	C54-55	Uterus	7	6.4	13
4	C09-14	Pharynx	6	5.5	11.1
5	C73	Thyroid	5	4.6	9.3
6	C56	Ovary	4	3.7	7.4
7	C15	Oesophagus	2	1.8	3.7
7	C16	Stomach	2	1.8	3.7
7	C22	Liver	2	1.8	3.7
7	C91-C95	Leukemia	2	1.8	3.7
All sites			54	49.4	100

Mullativu

Rank	ICD code & site	Cases	CR	%
1	C15 Oesophagus	10	10.4	14.3
2	C53 Cervix	8	8.3	11.4
2	C73 Thyroid	8	8.3	11.4
4	C50 Breast	6	6.2	8.6
5	C09-C14 Pharynx	5	5.2	7.1
6	C00-C06 Lip, tongue & mouth	4	4.1	5.7
6	C54-C55 Uterus	4	4.1	5.7
6	C91-C95 Leukemia	4	4.1	5.7
9	C16 Stomach	3	3.1	4.3
10	C18-C20 Colon and rectum	2	2.1	2.9
All sites		70	72.6	100

Vavuniya

Rank	ICD code & site	Cases	CR	%
1	C53 Cervix	10	5.3	14.9
2	C00-C06 Lip, tongue & mouth	7	3.7	10.4
3	C73 Thyroid	6	3.2	9
4	C50 Breast	5	2.7	7.5
4	C81-C85 & C96 Lymphoma	5	2.7	7.5
6	C15 Oesophagus	3	1.6	4.5
6	C40-C41 Bone	3	1.6	4.5
6	C60 Penis	3	1.6	4.5
9	C09-C14 Pharynx	2	1.1	3
9	C16 Stomach	2	1.1	3
All sites		67	35.8	100

Eastern Province

Ampara

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	45	6.3	15
2	C73 Thyroid	34	4.7	11.3
3	C00-C06 Lip, tongue & mouth	28	3.9	9.3
4	C33-C34 Trachea, broncus and lung	24	3.3	8
5	C15 Oesophagus	17	2.4	5.6
6	C53 Cervix	14	1.9	4.7
7	C32 Larynx	12	1.7	4
7	C81-C85 & C96 Lymphoma	12	1.7	4
9	C18-C20 Colon and rectum	10	1.4	3.3
9	C61 Prostate	10	1.4	3.3
All sites		301	41.8	100

Trincomalee

Rank	ICD code & site	Cases	CR	%
1	C73 Thyroid	26	6.2	18.2
2	C50 Breast	18	4.3	12.6
3	C00-C06 Lip, tongue & mouth	16	3.8	11.2
4	C53 Cervix	13	3.1	9.1
5	C15 Oesophagus	8	1.9	5.6
6	C18-C20 Colon and rectum	7	1.7	4.9
7	C54-C55 Uterus	5	1.2	3.5
8	C09-C14 Pharynx	4	1.0	2.8
8	C56 Ovary	4	1.0	2.8
8	C67 Bladder	4	1.0	2.8
All sites		143	34	100

Batticaloa

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	49	8.6	16.1
2	C33-C34 Trachea, broncus and lung	29	5.1	9.5
3	C09-C14 Pharynx	20	3.5	6.6
4	C00-C06 Lip, tongue & mouth	19	3.3	6.3
5	C53 Cervix	14	2.5	4.6
5	C67 Bladder	14	2.5	4.6
5	C73 Thyroid	14	2.5	4.6
8	C18-C20 Colon and rectum	13	2.3	4.3
9	C15 Oesophagus	12	2.1	3.9
10	C81-C85 & C96 Lymphoma	10	1.8	3.3
All sites		304	53.4	100

North Western province

Kurunegala

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	282	16.5	14.9
2	C00-C06 Lip, tongue & mouth	228	13.3	12.1
3	C15 Oesophagus	140	8.2	7.4
4	C18-20 Colon and rectum	128	7.5	6.8
5	C73 Thyroid	118	6.9	6.2
6	C33-34 Trachea, bronchus and lung	94	5.5	5
7	C91-95 Leukemia	79	4.6	4.2
8	C09-C14 Pharynx	76	4.4	4
9	C53 Cervix	73	4.3	3.9
10	C81-C85 & C96 Lymphoma	67	3.9	3.5
All sites		1891	110.6	100

Puttalam

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	70	8.5	13.3
2	C00-C06 Lip, tongue & mouth	57	6.9	10.9
3	C73 Thyroid	47	5.7	9
4	C91-C95 Leukemia	44	5.3	8.4
5	C18-C20 Colon and rectum	32	3.9	6.1
6	C54-C55 Uterus	26	3.2	5
7	C15 Oesophagus	23	2.8	4.4
7	C53 Cervix	23	2.8	4.4
9	C56 Ovary	21	2.5	4
10	C09-C14 Pharynx	15	1.8	2.9
All sites		525	63.6	100

North Central Province

Annuradhapura

Rank	ICD code & site	Cases	CR	%
1	C73 Thyroid	53	5.7	20.3
2	C00-C06 Lip, tongue & mouth	38	4.1	14.6
3	C53 Cervix	27	2.9	10.3
4	C33-C34 Trachea, broncus and lung	16	1.7	6.1
5	C91-C95 Leukemia	13	1.4	5
6	C15 Oesophagus	12	1.3	4.6
7	C18-C20 Colon and rectum	11	1.2	4.2
7	C50 Breast	11	1.2	4.2
7	C56 Ovary	11	1.2	4.2
7	C09-C14 Lymphoma	11	1.2	4.2
	All sites	261	28.1	100

Polonnaruwa

Rank	ICD code & site	Cases	CR	%
1	C73 Thyroid	44	10.1	21.7
2	C00-C06 Lip, tongue & mouth	42	9.6	20.7
3	C50 Breast	19	4.4	9.4
4	C09-C14 Pharynx	11	2.5	5.4
5	C33-C34 Trachea, broncus and lung	8	1.8	3.9
6	C15 Oesophagus	7	1.6	3.4
7	C54-C55 Uterus	6	1.4	3
7	C61 Prostate	6	1.4	3
7	C70-C72 Brain & nervous system	6	1.4	3
7	C81-C85 & C96 Lymphoma	6	1.4	3
	All sites	203	46.5	100

Uva Province

Badulla

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	64	7.3	12.8
2	C15 Oesophagus	46	5.3	9.2
3	C00-C06 Lip, tongue & mouth	44	5.0	8.8
4	C33-C34 Trachea, broncus and lung	37	4.2	7.4
5	C73 Thyroid	36	4.1	7.2
6	C18-C20 Colon and rectum	32	3.7	6.4
7	C56 Ovary	26	3.0	5.2
8	C53 Cervix	25	2.9	5
9	C81-C85 & C96 Lymphoma	18	2.1	3.6
10	C16 Stomach	16	1.8	3.2
All sites		499	57.2	100

Moneragala

Rank	ICD code & site	Cases	CR	%
1	C00-C06 Lip, tongue & mouth	39	7.9	15.4
2	C50 Breast	34	6.9	13.4
3	C73 Thyroid	33	6.7	13
4	C33-C34 Trachea, broncus and lung	19	3.9	7.5
5	C18-C20 Colon and rectum	17	3.5	6.7
6	C15 Oesophagus	9	1.8	3.5
6	C81-C85 & C96 Lymphoma	9	1.8	3.5
8	C56 Ovary	8	1.6	3.1
8	C91-C95 Leukemia	8	1.6	3.1
10	C53 Cervix	7	1.4	2.8
All sites		254	51.7	100

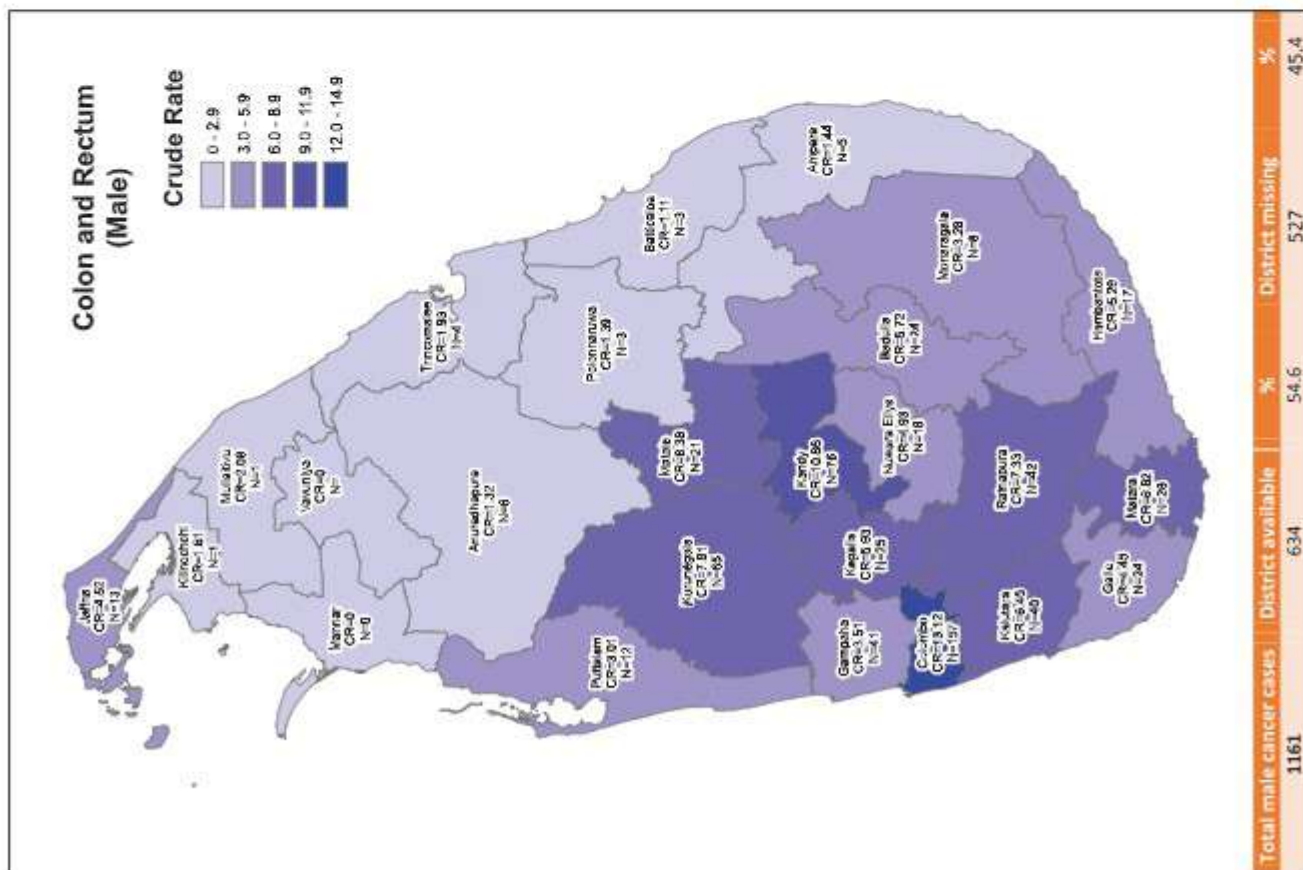
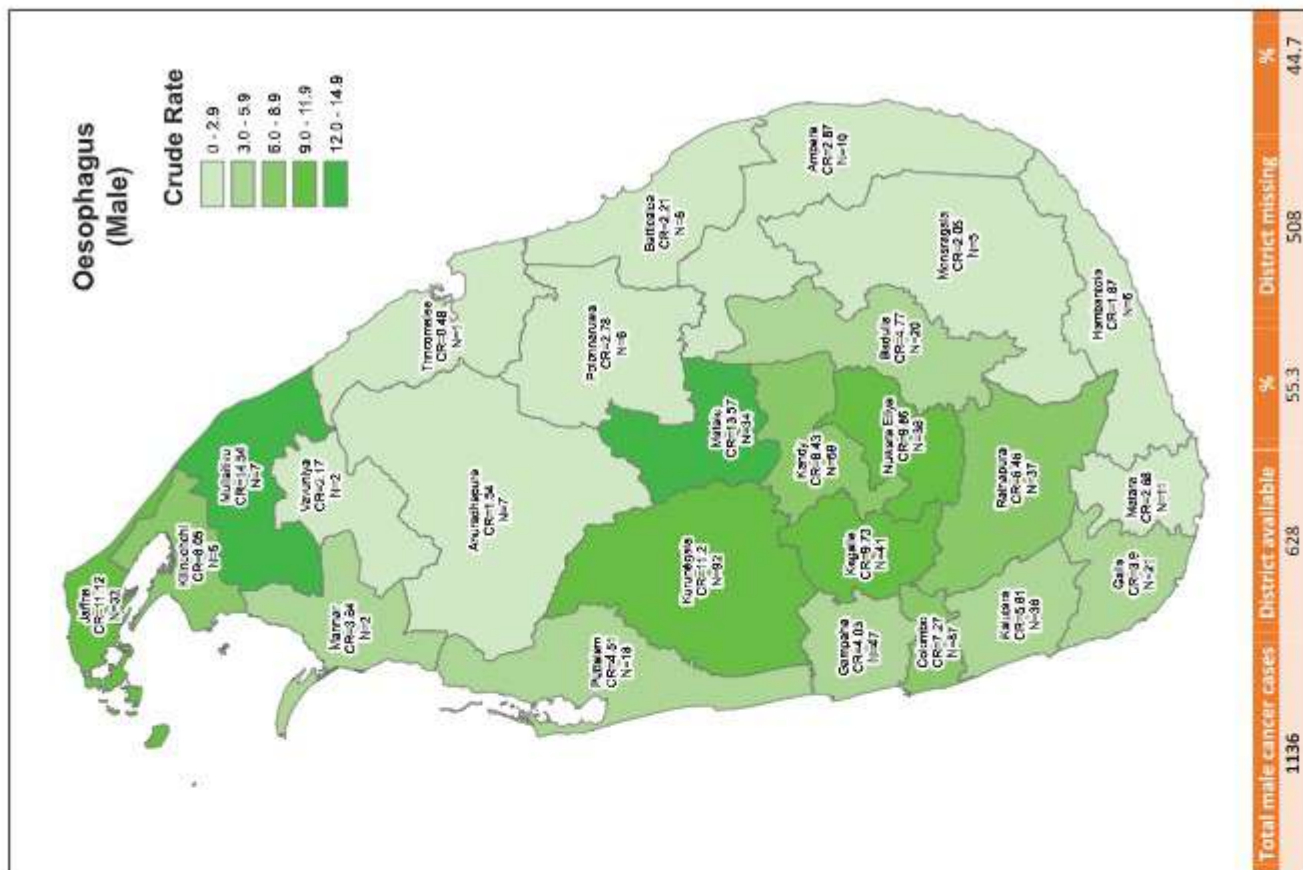
Sabaragamuwa Province

Kegalle

Rank	ICD code & site	Cases	CR	%
1	C50 Breast	98	11.1	13.9
2	C00-C06 Lip, tongue & mouth	86	9.7	12.2
3	C15 Oesophagus	59	6.7	8.4
4	C18-C20 Colon and rectum	56	6.3	7.9
5	C73 Thyroid	52	5.9	7.4
6	C33-34 Trachea, broncus and lung	39	4.4	5.5
7	C09-C14 Pharynx	35	4.0	5
8	C81-C85 & C96 Lymphoma	27	3.1	3.8
9	C56 Ovary	26	2.9	3.7
10	C53 Cervix	23	2.6	3.3
All sites		706	79.9	100

Rathnapura

Rank	ICD code & site	Cases	CR	%
1	C00-C06 Lip, tongue & mouth	189	16.3	19.4
2	C50 Breast	93	8.0	9.5
3	C73 Thyroid	85	7.3	8.7
4	C18-C20 Colon and rectum	79	6.8	8.1
5	C15 Oesophagus	59	5.1	6.1
6	C81-C85 & C96 Lymphoma	46	4.0	4.7
7	C53 Cervix	40	3.4	4.1
8	C33-34 Trachea, broncus and lung	33	2.8	3.4
9	C56 Ovary	31	2.7	3.2
10	C91-95 Leukemia	30	2.6	3.1
All sites		974	83.8	100



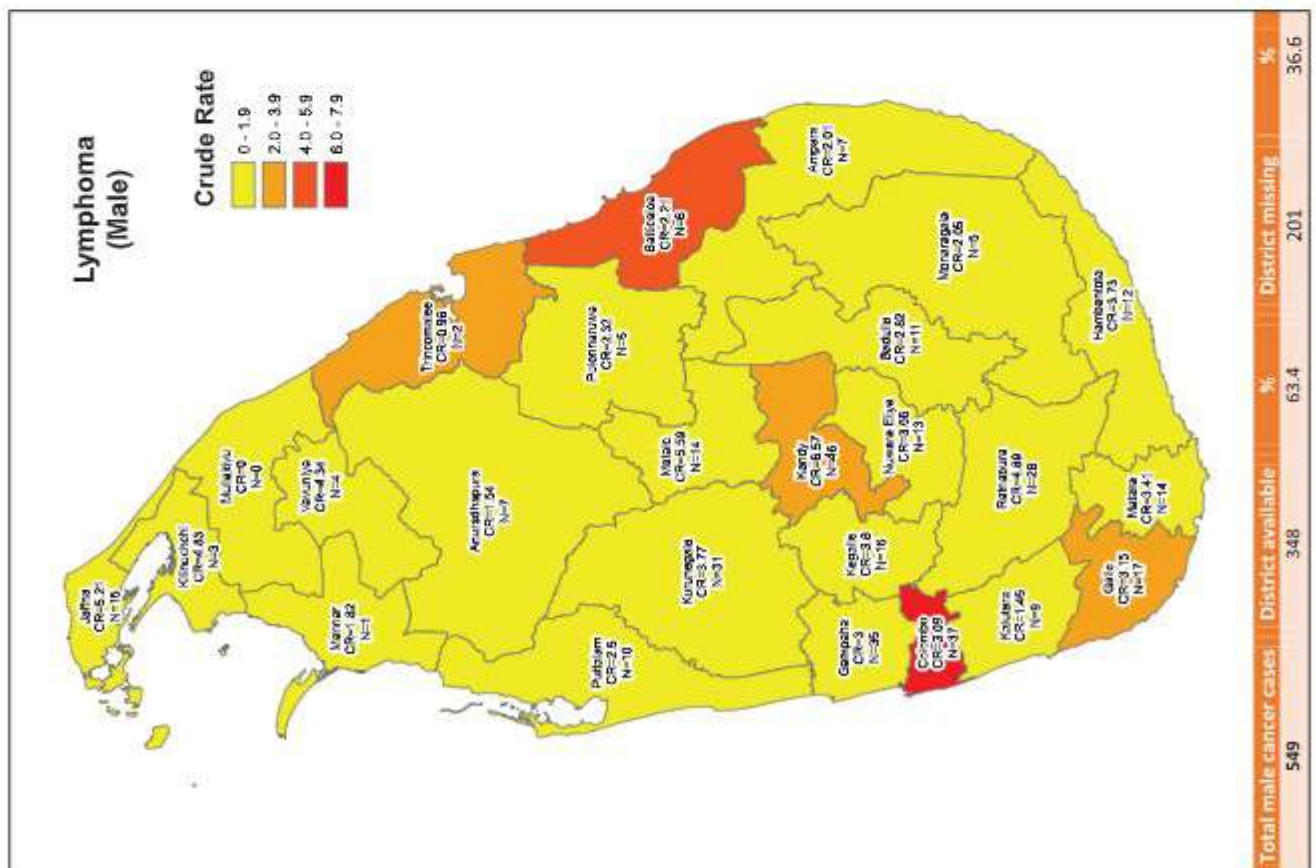
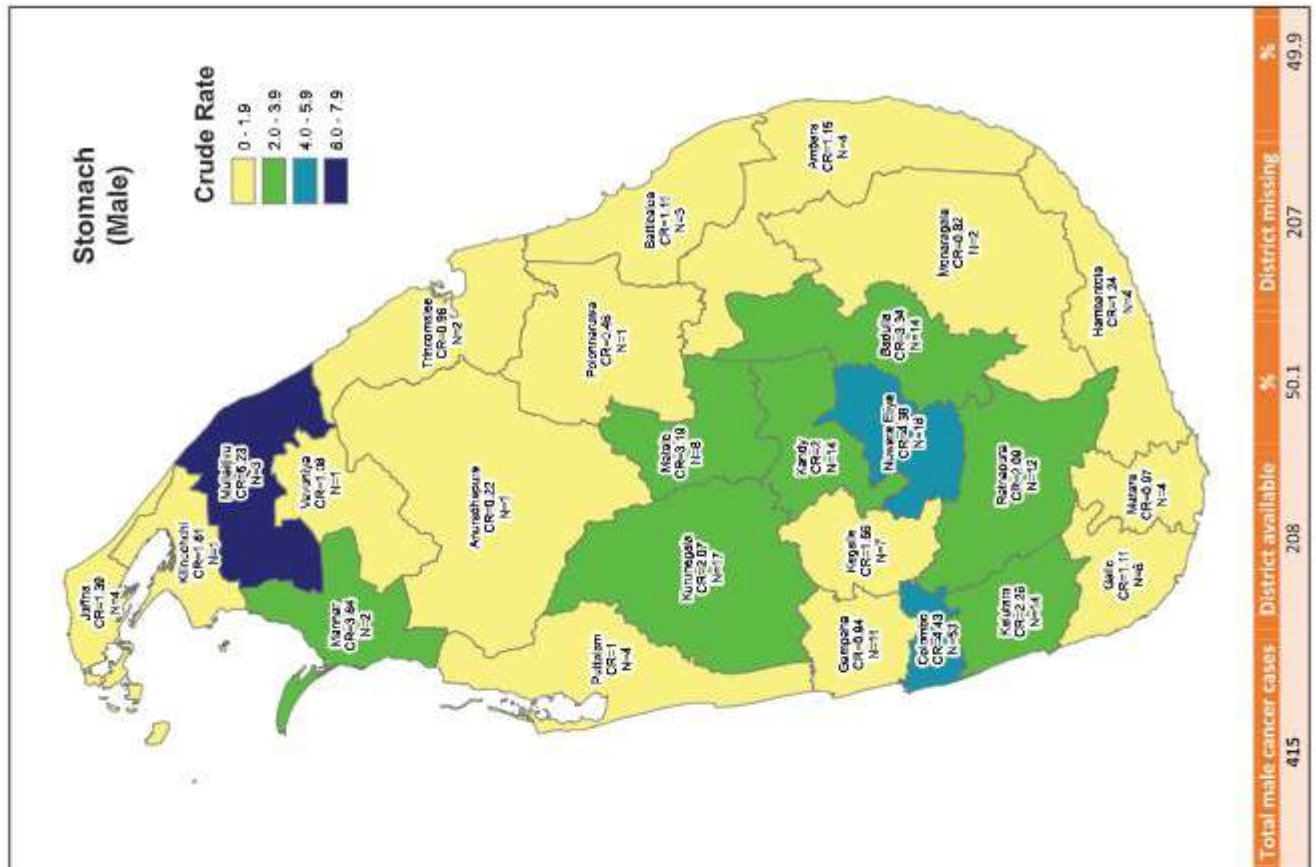
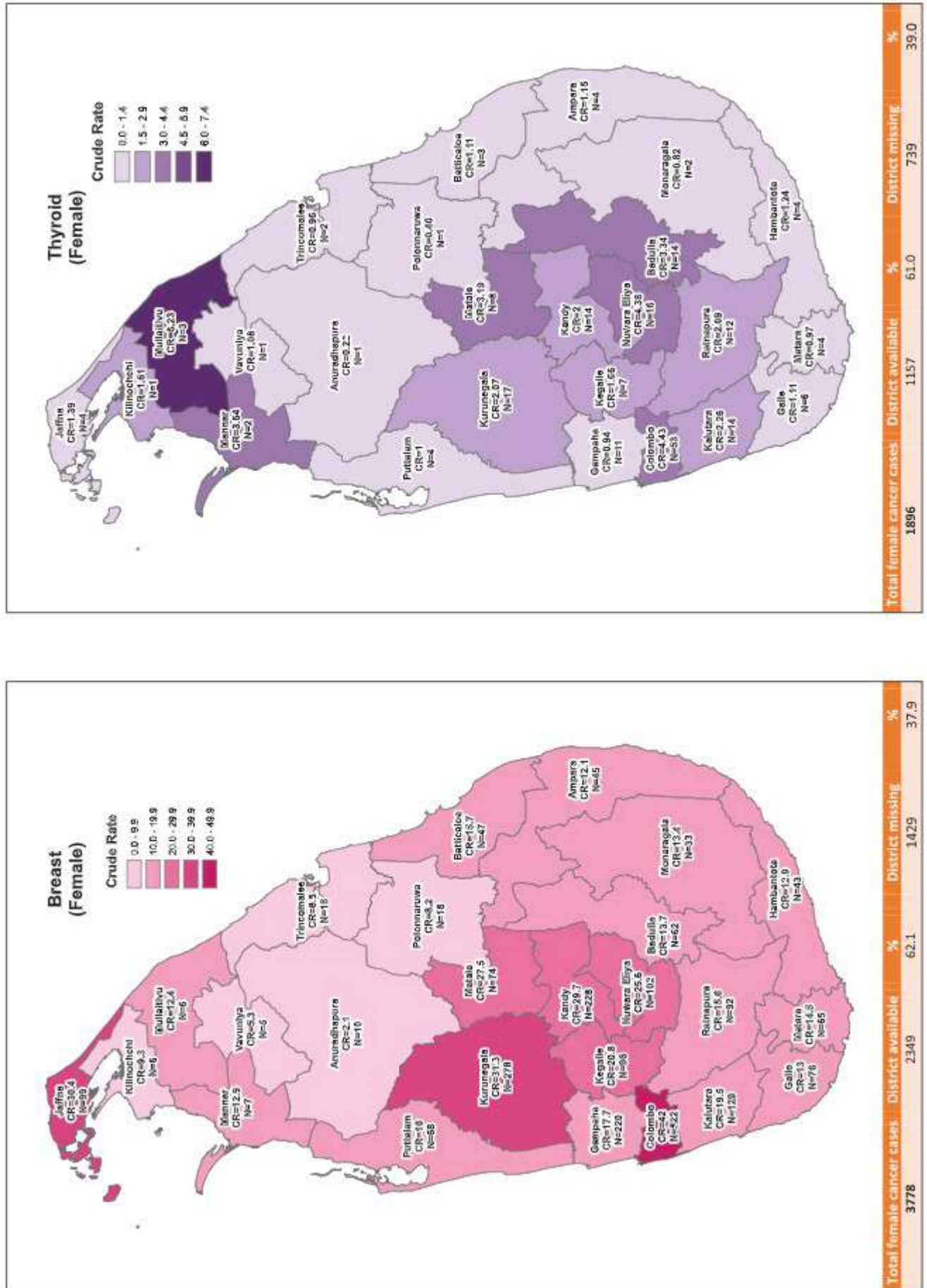
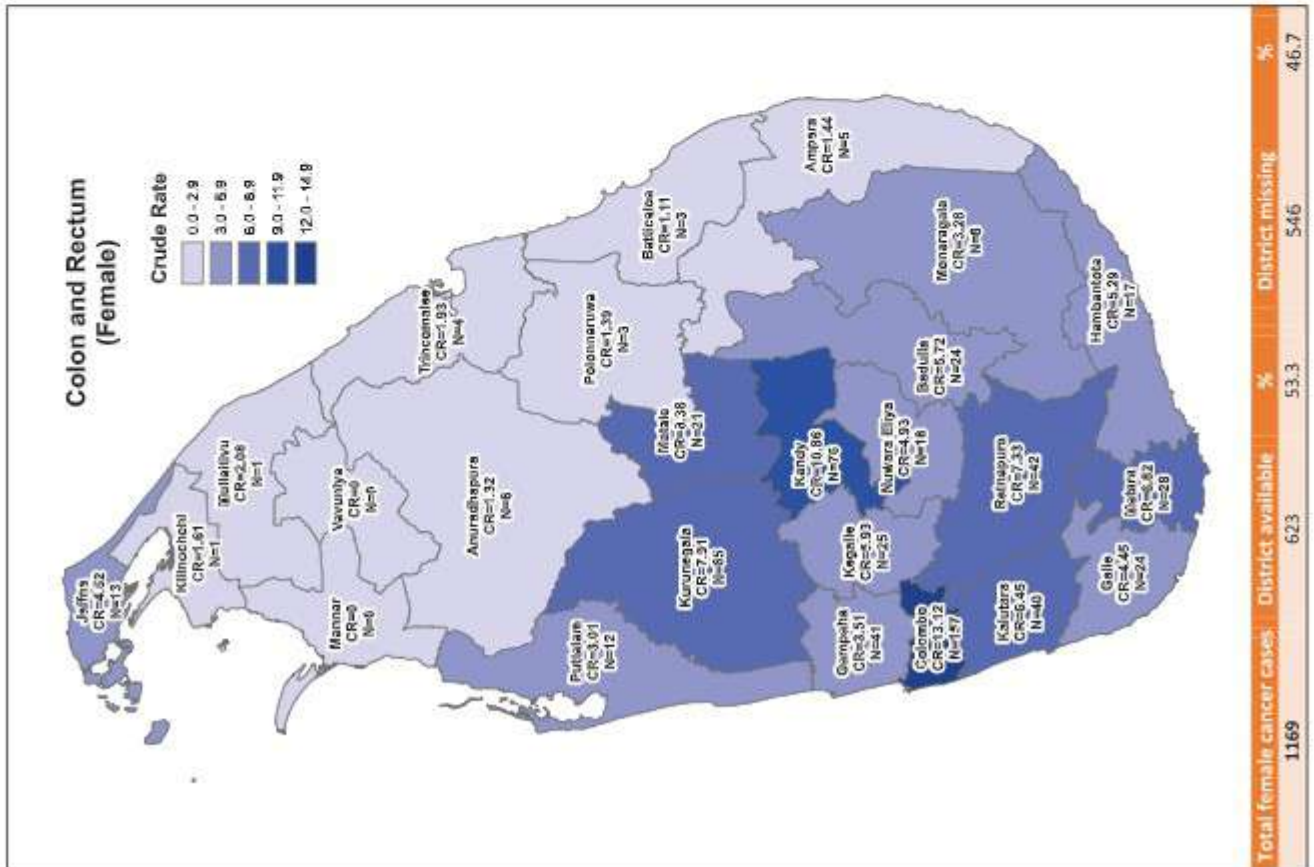
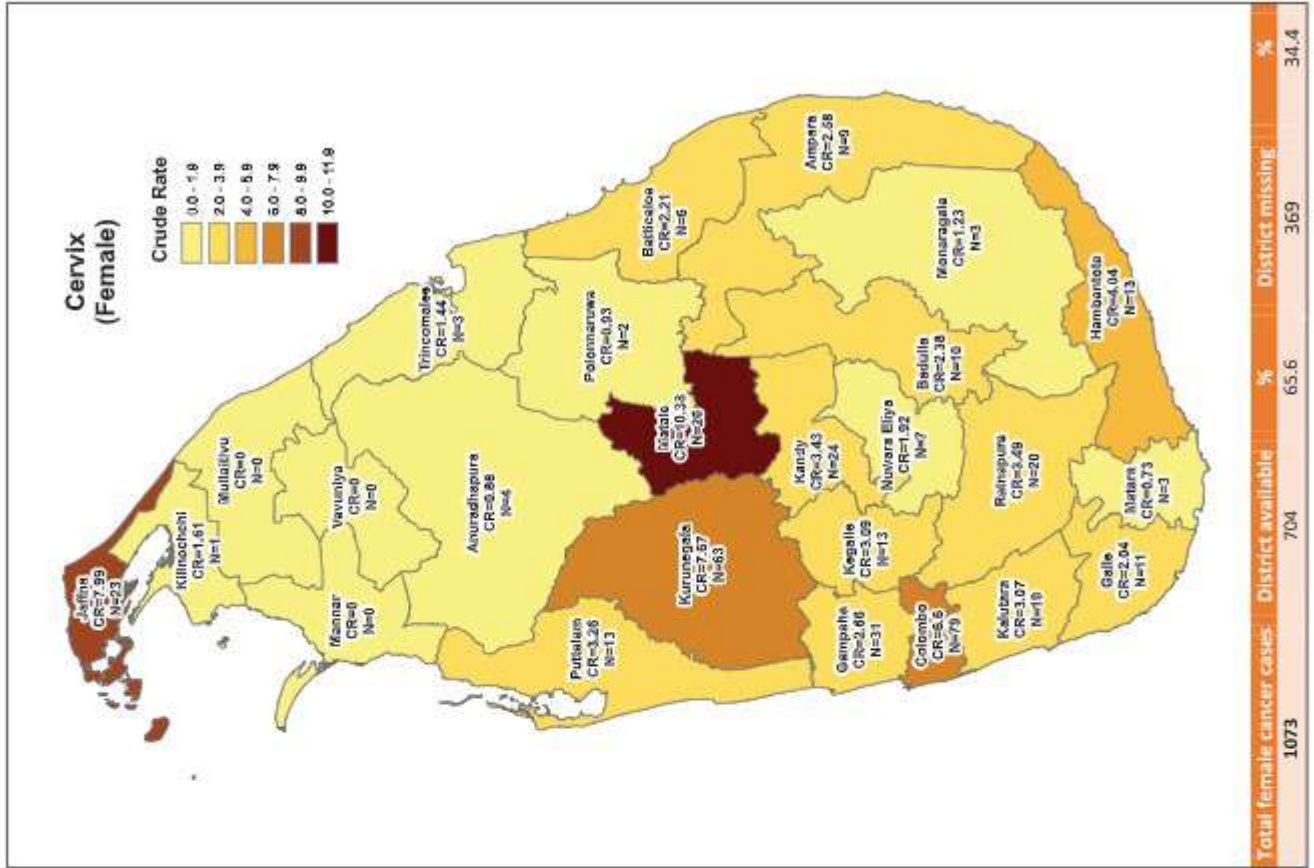
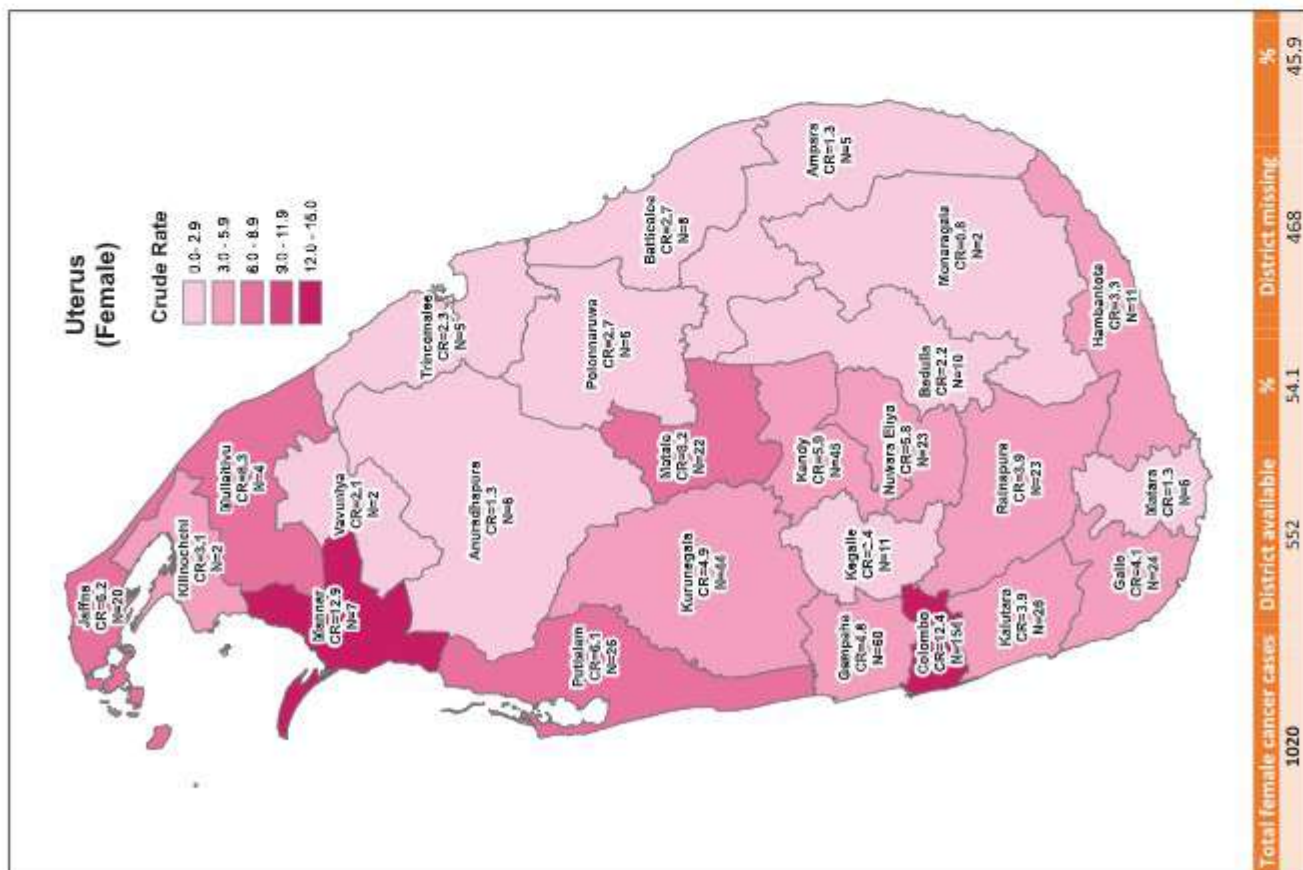
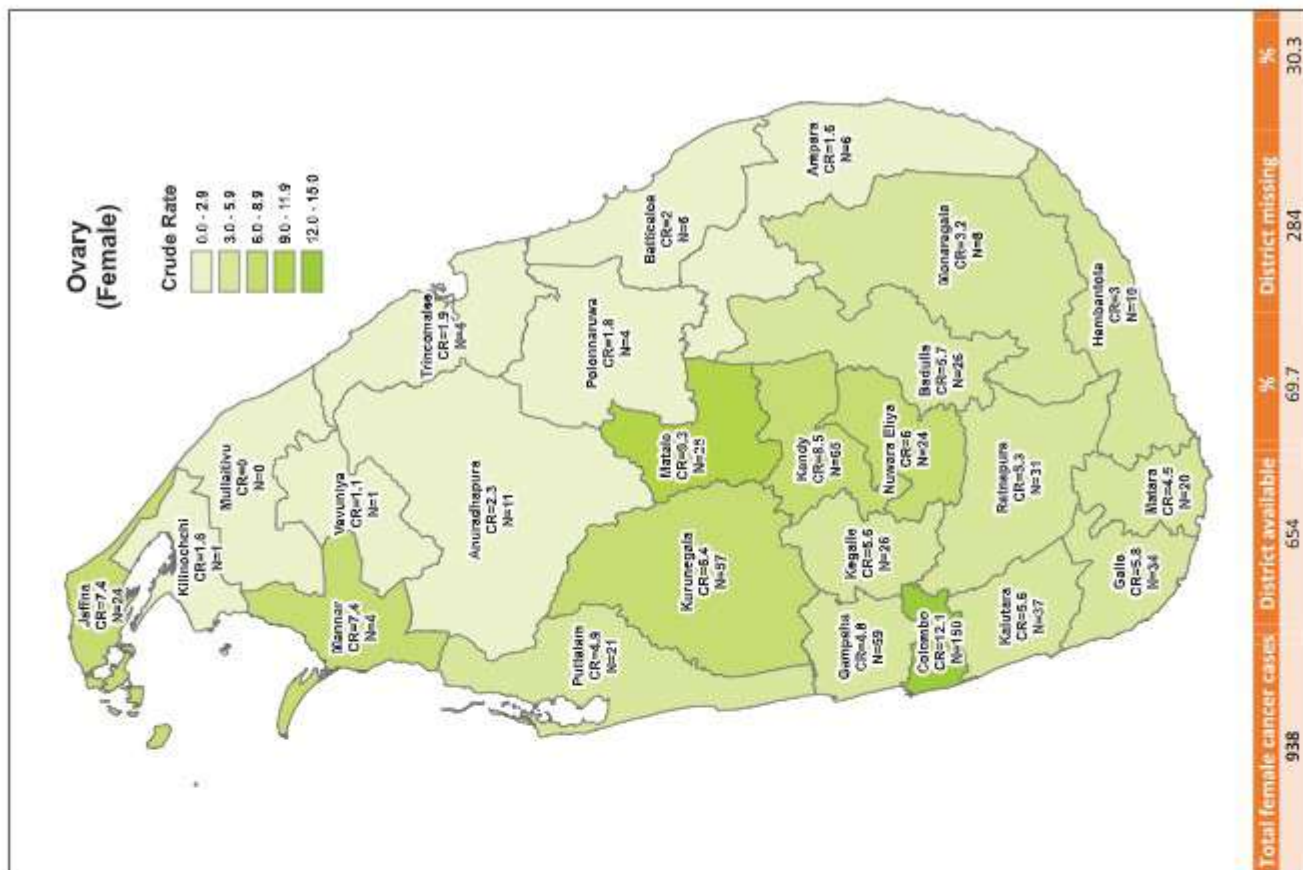
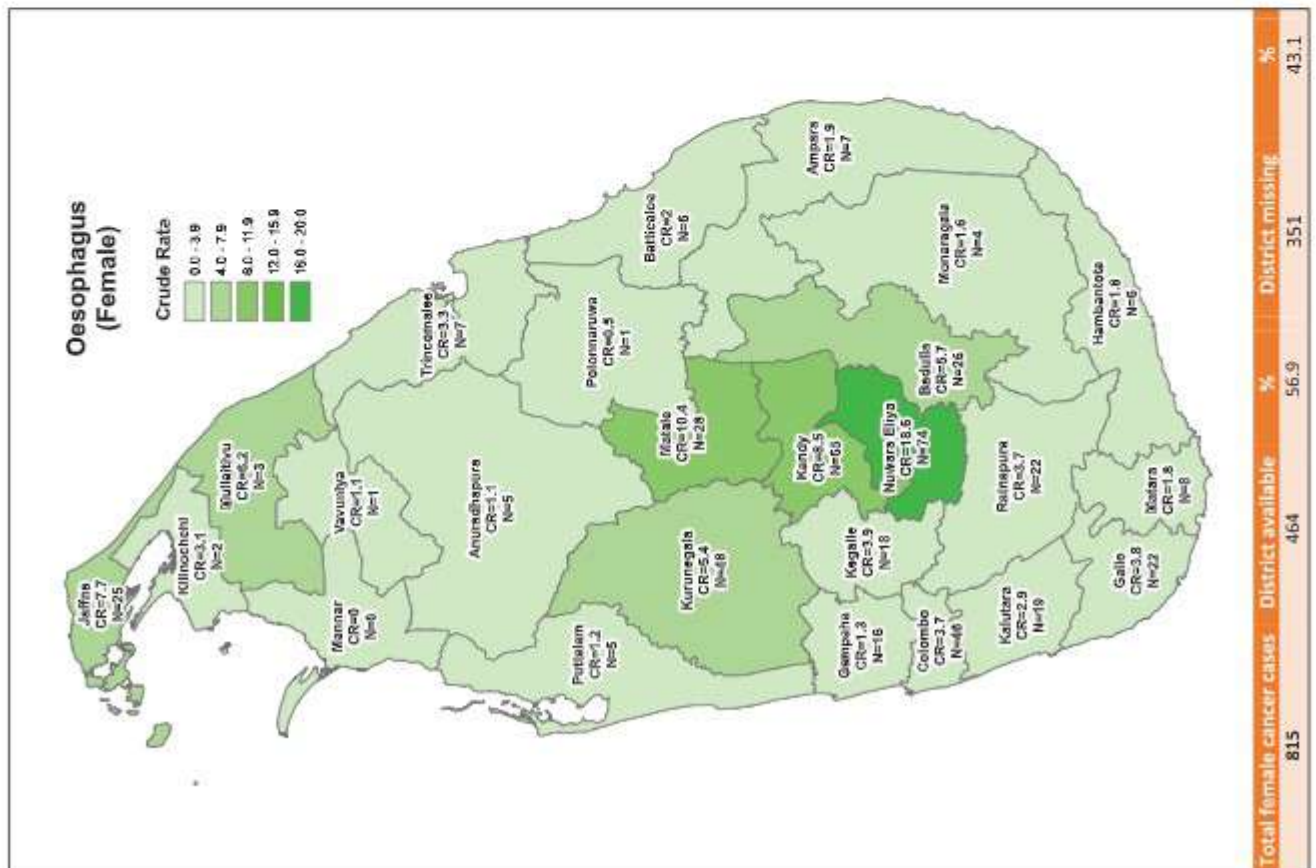
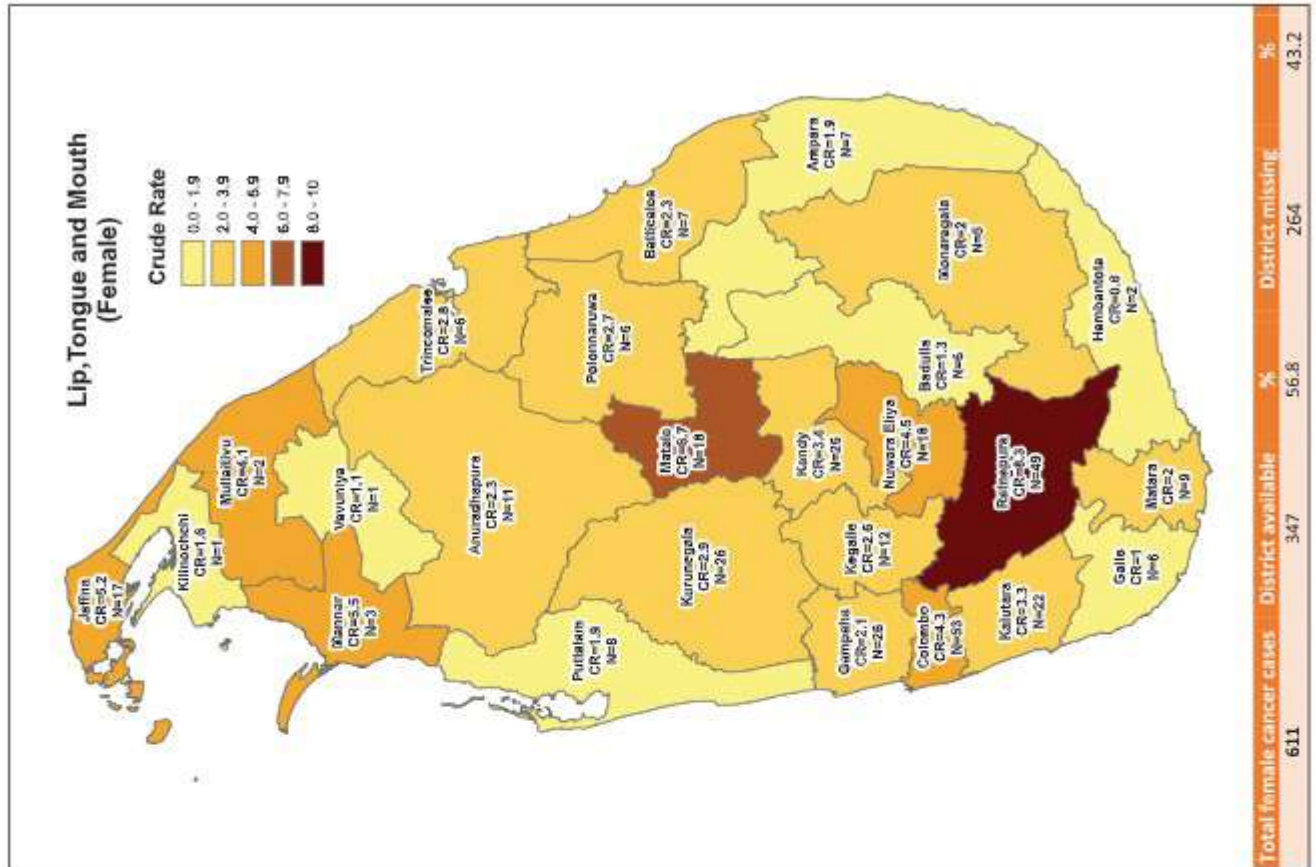


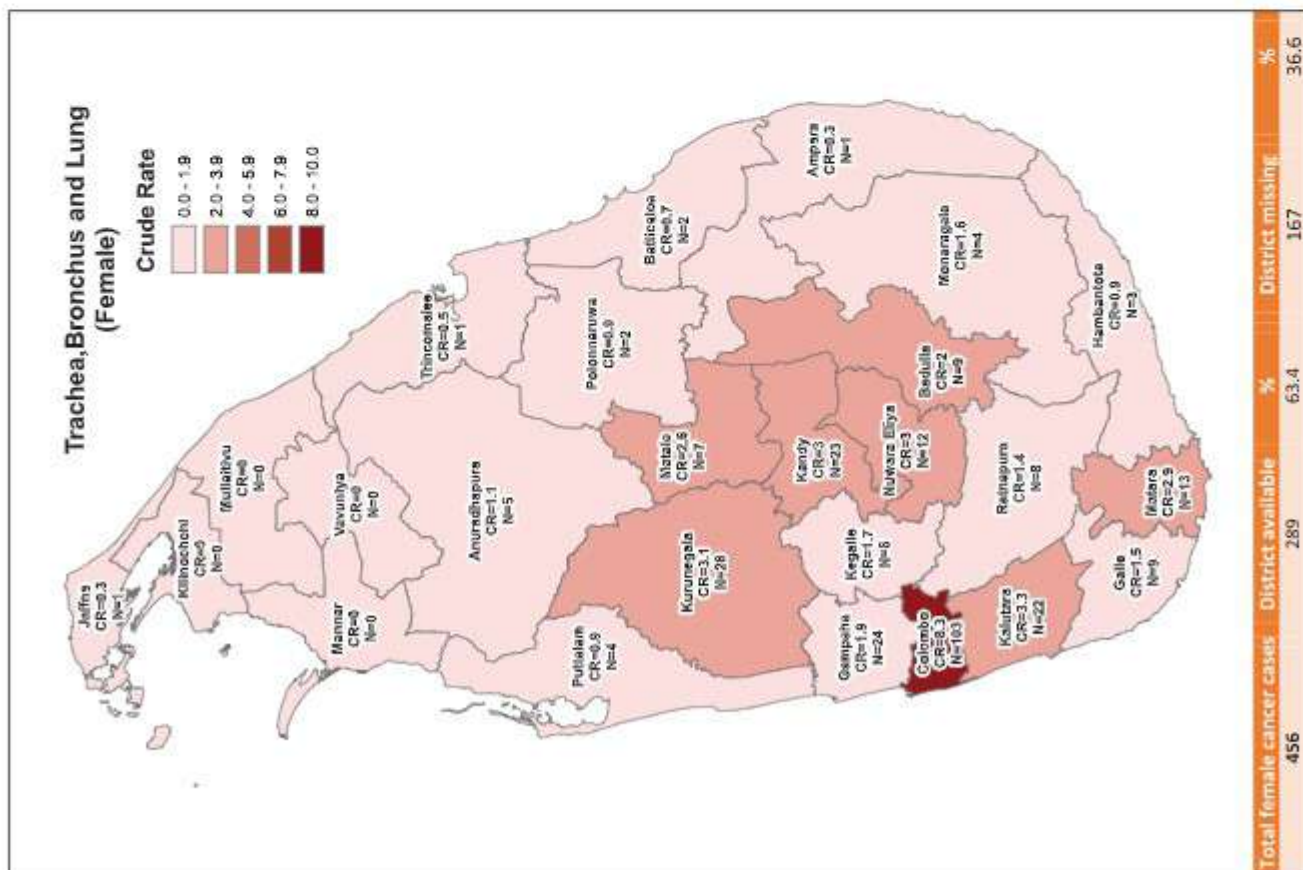
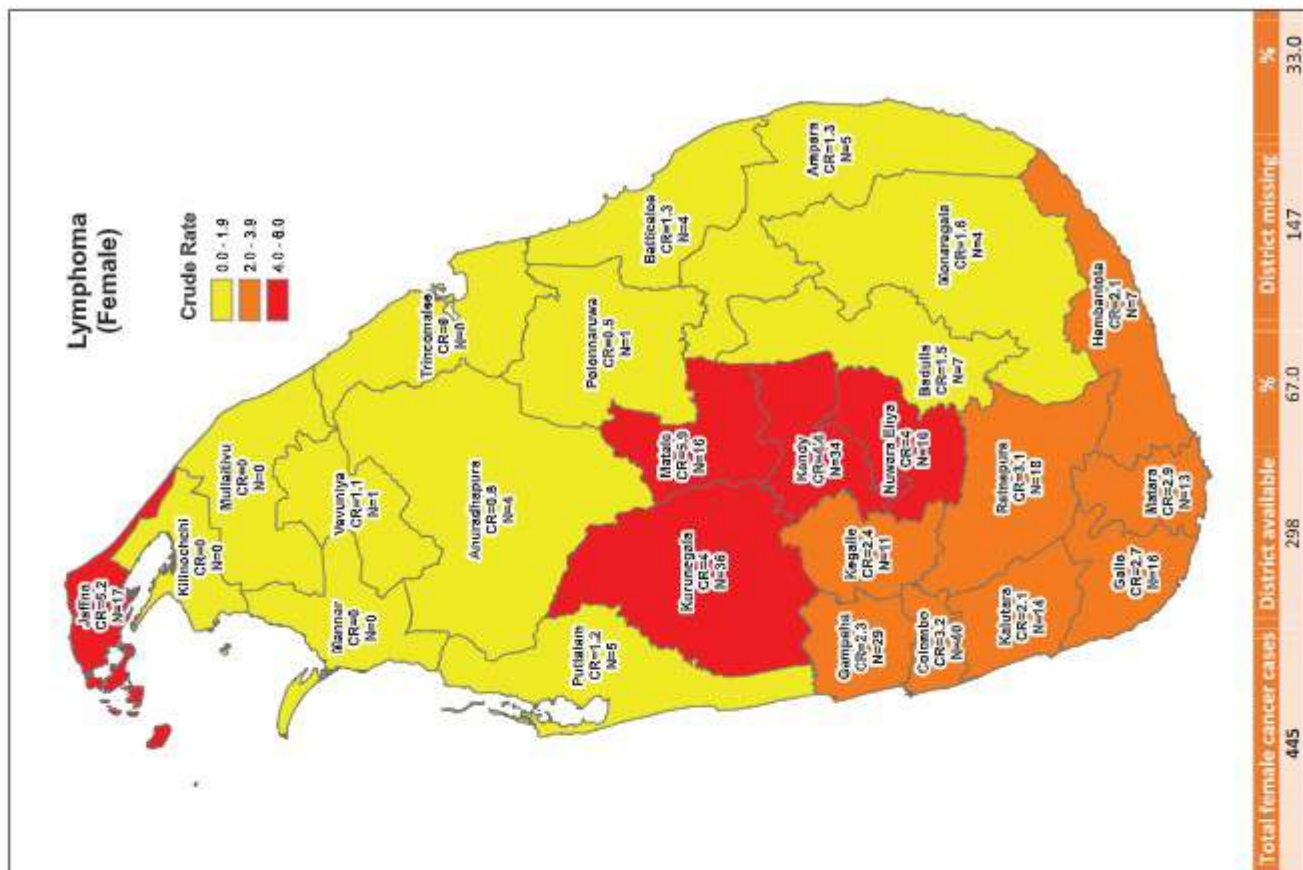
Figure 60: Cancer incidence data by districts among females in Sri Lanka, 2018











Cancer Mortality Data of Sri Lanka

Mortality data due to cancers were obtained through Annual Health Bulletin of Ministry of Health based on Indoor Morbidity Mortality Return (IMMR).

Cause of death data reported to vital registration system of Sri Lanka for year 2018 is not published by the Registrar General Department or Department of Census and Statistics yet. Therefore, total number of cancer deaths or number of cancer deaths according to ICD-10 site is not available currently.

Table 36: Deaths due to cancers among males & females in hospitals in Sri Lanka, 2012-2018

Year	No. of hospital deaths due to cancers		
	Male	Female	Total
2005	-	-	2753
2006	-	-	3241
2007	-	-	3498
2008	-	-	3485
2009	-	-	3774
2010	-	-	4449
2011	-	-	4631
2012	2538	1931	4519
2013	2559	1980	4539
2014	2867	2128	4995
2015	2657	2141	4798
2016	2878	2270	5148
2017	2720	2218	4938
2018	3223	2566	5789

Sources: Annual Health Bulletin 2005 to 2018

Table 37: Deaths due to cancers in hospitals, crude hospital annual death rates due to cancers and proportionate mortality ratio for cancers out of all hospital deaths in Sri Lanka, 2005-2018

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
2015	4798	22.9	11.0
2016	5148	24.3	12.0
2017	4938	23.0	10.5
2018	5789	26.7	11.7

Sources: Annual Health Bulletin 2005 to 2018

Table 38: Hospitalizations, hospital deaths and case fatality rate due to cancers in year 2018 by RDHS divisions in Sri Lanka

*RDHS Area	Hospital Admissions due to cancers			**Case fatality rate
	Total hospital admissions	Live hospital discharges	No. hospital deaths	
Colombo	69807	67408	2399	3.44
Gampaha	4432	4189	243	5.48
Kalutara	2319	2257	62	2.67
Kandy	20201	19604	597	2.96
Matale	1001	956	45	4.50
Nuwara Eliya	1177	1122	55	4.67
Galle	14814	14356	458	3.09
Matara	1001	935	66	6.59
Hambanthota	681	638	43	6.31
Jaffna	5316	5161	155	2.92
Kilinochchi	456	455	1	0.22
Mullaitivu	64	62	2	3.13
Vavuniya	310	295	15	4.84
Mannar	171	162	9	5.26
Batticaloa	6254	6176	78	1.25
Ampara	219	197	22	10.05
Kalmunai	386	374	12	3.11
Trincomalee	1251	1228	23	1.84
Kurunegala	5989	5498	491	8.20
Puttalam	520	486	34	6.54
Anuradhapura	6389	6102	287	4.49
Polonnaruwa	989	838	151	15.27
Badulla	6382	6126	256	4.01
Moneragala	1018	968	50	4.91
Ratnapura	5684	5510	174	3.06
Kegalle	1227	1166	61	4.97
Sri Lanka	158058	152269	5789	3.66

RDHS divisions – Regional Director of health Services divisions

**Case Fatality rate = $\frac{\text{No. of hospital deaths due to cancers}}{\text{Total number of hospital admissions due to cancers}} \times 100$

Annex

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	-	70	14	2020
2013	9	45	15	25	-	94	15	2020
2014	9	51	15	24	40	139	16	2020
2015	9	58	15	24	40	146	17	2021
2016	14	53	22	22	40	151	18	2021
2017	19	61	23	21	40	164	19	2021

Statistical Terminology

Population at risk

The population at risk includes all individuals susceptible to a specific cancer. It is defined on the basis of demographic variables, such as place of residence, sex, age group. Years of risk duration are counted in person-years.

Incidence

Incidence quantifies the number of new cases that develop in a population of individuals at risk during a specified time interval. Usually it is given as per 100,000 population per year.

Mortality

Mortality is the number of deaths occurring in a given period in a specified population. It can be expressed as an absolute number of deaths per year or as a rate per 100,000 persons per year.

Crude rate

Data on incidence or mortality are often presented as rates. For a specific tumour and population, a crude rate is calculated simply by dividing the number of cancer deaths observed during a given time period by the corresponding number of person years in the population at risk. For cancer, the result is usually expressed as an annual rate per 100,000 persons at risk.

$$\text{Crude incidence rate} = \frac{\text{Total number of cases in the year}}{\text{Total midyear population at risk}} \times 100,000$$

$$\text{Crude death rate} = \frac{\text{Total number of deaths in the year}}{\text{Total midyear population at risk}} \times 100,000$$

Age-specific rate

The age-specific rate is calculated simply by dividing the number of new cancers or cancer deaths observed in a given age category during a given time period by the corresponding number of person years in the population at risk in the same age category and time period.

The result is usually expressed as an annual rate per 100,000 person-years. In this publication, five- year age categories are used

$$\text{Age-specific incidence rate} = \frac{\text{Number of cases in the five-year age group}}{\text{Population at risk in the corresponding age group}} \times 100,000$$

$$\text{Age-specific death rate} = \frac{\text{Number of deaths in the five-year age group} \times 100,000}{\text{Population at risk in the corresponding age group}}$$

ASR (Age standardized rate)

An age-standardised rate (ASR) is a summary measure of the rate that a population would have if it had a standard age structure. Standardization is necessary when comparing several populations that differ with respect to age because age has a powerful influence on the risk of dying from cancer. The ASR is a weighted mean of the age-specific rates; the weights are taken from population distribution of the *standard population*. The most frequently used standard population is the *World Standard Population*. The calculated mortality rate is then called age-standardised mortality rate (world). The world standard population used within the application is as proposed by Segi (1960) and modified by Doll and *al.* (1966). The ASR is also expressed per 100,000.

Age distribution of the world standard population	
Age group	w _i
0-4	12000
5-9	10000
10-14	9000
15-19	9000
20-24	8000
25-29	8000
30-34	6000
35-39	6000
40-44	6000
45-49	6000
50-54	5000
55-59	4000
60-64	4000
65-69	3000
70-74	2000
75-79	1000
80-84	500
85+	500
Total	100000

Life time risk (Cumulative Risk)

Cumulative incidence/mortality is the probability or risk of individuals getting/dying from the disease within a specified age interval within a time period.

(The cumulative risk is the risk which an individual would have of developing the cancer under study during a certain age span if no other causes of death were in operation)

List of References

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