

TAMIL NADU CANCER REGISTRY PROJECT (TNCRP)

A Collaborative study by the Cancer Institute (W.I.A) and
Department of Health and Family Welfare,
Government of Tamil Nadu, Chennai

CANCER INCIDENCE AND MORTALITY (YEAR 2016), INCIDENCE TREND (2012-16) AND ESTIMATES (2017-20) FOR TAMIL NADU STATE



EPIDEMIOLOGY, BIostatistics AND CANCER REGISTRY
CANCER INSTITUTE (W.I.A), CHENNAI
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This is the first report of TNCRP, on the cancer incidence pattern and trend in the state of Tamil Nadu, intended for dissemination among all stakeholders — health administrators, doctors, allied health personnel, academicians, research scholars, students, etc.

For any additional and specific data, please write to the above address.

Citation

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TAMIL NADU CANCER REGISTRY PROJECT (TNCRP)

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Department of Health and Family Welfare, Government of Tamil Nadu, Chennai)*

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Implementation through the following Directorates under the Department of Health and Family Welfare, Govt. of Tamil Nadu.

- **Directorate of Public Health & Preventive Medicine**
- **Directorate of Medical and Rural Health Services**
- **Directorate of Medical Education**

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We are greatly indebted to the senior officials of the Department of the Health & Family Welfare, Govt. of Tamil Nadu for the administrative clearance and continued support provided in the operationalization of TNCRP and to the Directorate of Public Health & Preventive Medicine, Directorate of Medical Education and Directorate of Medical and Rural Health Services for their co-ordination in materializing the required outputs under TNCRP. We sincerely place on record our sincere gratitude to the Government of Tamil Nadu for the unstinted support and fruitful collaboration.

We are thankful to the National Centre for Disease Informatics and Research (NCDIR) of ICMR for providing data from HBCRs under the National Cancer Registry Program network to the TNCRP, thus enhancing the completeness of coverage.

We are indebted to all the heads, doctors, officers and other staff at all the health institutions that provided data on new cancers to the TNCRP. *The full list of data sources for the registration of cancer cases is given separately in this report.*

Thanks are due to (i) the Indian Council of Medical Research (ICMR), Government of India and (ii) the International Agency for Research on Cancer (IARC), World Health Organization, for continuous funding of the Madras Metropolitan Tumour Registry (MMTR) and the Dindigul Ambilikkai Cancer Registry (DACR) respectively.

We recognize the contribution of the following: Dr. R. Rama, Ms. P. Shanthi and other members of the registry team at the institute for training various personnel in cancer registration and in reviewing the report content.

Our special appreciation to Ms. M.S. Kalyani for the design work done for this report.



FOREWORD

Population-based cancer registration is *sine-qua-non* for any rational cancer control. The experience from more-developed countries showed that surveillance based on cancer registries had provided significant leads for framing policy and meaningful action. The Madras Metropolitan Tumour Registry (MMTR) since 1982 under the National Cancer Registry Program (NCRP) of the Indian Council of Medical Research (ICMR) and the Dindigul Ambilikkai Cancer Registry (DACR) since 2003 under the auspices of the International Agency for Research on Cancer (IARC), of the World Health Organization (WHO), France, have clearly brought out the variable cancer incidence, pattern and trend in Chennai and Dindigul districts respectively. This data was solely relied upon by the government of Tamil Nadu to formulate guidelines for screening and early detection program for cancers of the cervix and female breast before implementation in year 2008 under Tamil Nadu Health Systems Project (TNHSP) with World Bank aid and further expansion throughout the state.

The Tamil Nadu Cancer Registry Project (TNCRP) was conceived as an academic study by the institute in collaboration with the department of Health and Family Welfare, government of Tamil Nadu, to understand the cancer incidence pattern in every district and elicit the realistic burden of new cancer cases in Tamil Nadu. The declaration of cancer as a notifiable disease under the Public Health Act in Tamil Nadu by the ministry of Health and Family Welfare, government of Tamil Nadu was a shot in the arm for TNCRP operations. Data acquisition is predominantly done by TNCRP social investigators from medical records maintained in more than 1500 health institutions both in government and non-government sectors. It augurs very well that passive reporting of cancer notifications to TNCRP is rising over the years.

This is the first TNCRP report giving data on cancer incidence in each district up to year 2016 and estimates of new cancer burden until 2020 in Tamil Nadu. The report provides valuable insights into the differential cancer incidence pattern that can form the basis for launching analytical epidemiological studies on common cancers. It is fervently hoped that TNCRP framework will be used to evaluate the cancer screening programs that are ongoing in Tamil Nadu.

Dr. V. Shanta

Chairman, Cancer Institute (W.I.A)

Abbreviation used in this report

ASpR	Age Specific Rate per 100,000 population
ASR	Age Standardized Rate per 100,000 population
CIR	Crude Incidence Rate per 100,000 population
CR%	Cumulative Risk (lifetime of 0-74 years) expressed in %
CT	Computerized Tomography
CTC	Childhood and Teen-age Cancers
DACR	Dindigul Ambilikkai Cancer Registry
DCN	Death Certificate Notification
DCO	Death Certificate Only
DDHS	Deputy Director of Health Services
DoH&FW	Department of Health and Family Welfare
DPH&PM	Directorate of Public Health and Preventive Medicine
HBCR	Hospital Based Cancer Registry
IARC	International Agency for Research on Cancer
ICD-10	International Classification of Diseases, Tenth revision
ICD-O	International Classification of Diseases for Oncology
ICMR	Indian Council of Medical Research
M/I ratio	Mortality Incidence Ratio
MMTR	Madras Metropolitan Tumour Registry
MRI	Magnetic Resonance Imaging
NCDIR	National Centre for Disease Informatics and Research
NCRP	National Cancer Registry Program
NH	Nursing Home
PBCR	Population Based Cancer Registry
PET	Positron Emission Tomography
RT	Radiotherapy
SBHI	State Bureau of Health Intelligence
TNCRP	Tamil Nadu Cancer Registry Project
TNHSP	Tamil Nadu Health Systems Project
TRC	Tobacco Related Cancers
USG	Ultra Sonogram
VAO	Village Administrative Officer
VSD	Vital Statistics Division
WHO	World Health Organization
WIA	Women's India Association

TAMIL NADU CANCER REGISTRY PROJECT (TNCRP): DATA HIGHLIGHTS

- Cancer surveillance through TNCRP covers entire Tamil Nadu population of about 80 million as on date, the highest in the world by any cancer registry. This is close to the coverage by all cancer registries outside Tamil Nadu in India put together under the national network by ICMR.
- 65,590 new cancer cases were diagnosed in year 2016 in the whole of Tamil Nadu. The estimated new cancer burden is 78,641 in Tamil Nadu in year 2020.
- There were more women with cancer than men in Tamil Nadu for all cancers put together (1.26:1).
- The Crude Incidence Rate (CIR) of all cancers together was 84.1 per 100,000 population for both sexes together in Tamil Nadu state - Male: 74.4; Female: 93.9. The cumulative risk of acquiring cancer in one's lifetime of 0-74 years was one in 12 in Tamil Nadu.
- The highest CIR of all cancers and both sexes together was observed in Chennai (140.8) and the least was reported in Krishnagiri (48.5) districts.
- Common cancers among men in Tamil Nadu: stomach (CIR:6.6), mouth (6.2), lung (5.9), large bowel (4.8) and tongue (4.1)
- Common cancers among women in Tamil Nadu: breast (CIR:24.7), cervix (19.4), ovary (5.0), large bowel (3.5) and mouth (3.5).
- The Age Standardized Rate (ASR) of mouth cancer observed among women in Thanjavur district (ASR: 9.2 per 100,000 women) was the highest in the world.
- The incidence of female breast cancer observed in Chennai (ASR: 46.4 per 100,000 women) was the highest in India.
- The incidence of cervix cancer observed in Perambalur district (ASR: 37.6 per 100,000 women) was the highest in India.

EXECUTIVE SUMMARY

Background

The Cancer Institute (W.I.A) is the pioneer in demographic cancer registration in the state of Tamil Nadu. The Madras Metropolitan Tumour Registry (MMTR) is in vogue since 1981 covering the metropolitan population of Chennai city. The Dindigul Ambilikkai Cancer registry (DACR) was established in 2003 covering the entire district of Dindigul and catering to a predominantly rural population. The registry surveillance statistics provided significant leads for initiating the statewide screening program for cancers of the uterine cervix and female breast under the World Bank supported Tamil Nadu Health System Project (TNHSP) during 2012-13.

Tamil Nadu Cancer Registry Project (TNCRP)

TNCRP is a collaborative study by the Cancer Institute (W.I.A) and the Department of Health and Family Welfare, Government of Tamil Nadu for statewide cancer surveillance since year 2012. Two government orders viz. [G.O. (Ms.) 132 dated June 17, 2012] and [G.O. (Ms.) 66 dated February 22, 2018] were issued for strengthening TNCRP operations and declaring cancer as a notifiable disease in Tamil Nadu. TNCRP caters to an estimated population of 7.8 crores, the largest covered by any registry in the world. The primary objective of TNCRP is to elicit the realistic burden of new cancer cases in Tamil Nadu.

TNCRP - Sources of registration

The four broad categories of sources of data on new cancer cases for TNCRP were (i) hospital services, (ii) onco-pathological services, (iii) other allied services both in government and non-government sectors and (iv) death certificates in vital statistics division. There were 2,008 sources from where cancer cases have been registered for TNCRP, from the year 2012 till date.

TNCRP – Modus operandi

The TNCRP social investigators visited all the potential sources of data and scrutinized the

available medical records or registers for identifying the cancer cases. The data was abstracted using the TNCRP notification form. Data on new cancer patients were also received as hard copies or electronically as line-list from data sources having electronic medical record or computerized data. Disease coding was done using ICD-O III edition and ICD-10. Data processing for quality included case-duplication and consistency checks following international norms. Cancer incidence statistics were generated for dissemination.

TNCRP – Cancer registration statistics during 2012-2016

A total of 4,42,257 cancer cases were registered in TNCRP during 2012-2016. The new cancer cases included for analysis after all data quality checks were 301,052 (68.1%). Among those included, a majority were registered from non-government health institutions with radiotherapy facility (37.2%); government hospitals contributed to 34%; number diagnosed or treated outside Tamil Nadu accounted for 10.4% while 3.5% of cases were registered based on cancer information from death certificate only. It was observed that 58% of all new cancers were either diagnosed and/or treated in health institutions located outside their respective residence districts and 102,468 cases (34%) were registered from data sources in Chennai city.

TNCRP – Cancer incidence statistics in year 2016

Gender

Out of a total of 65,590 new cases of all cancers together registered in TNCRP in 2016, there were more women (36,619) than men (28,971) with crude incidence rates (CIR) of 93.9 and 74.4 per 100,000 populations respectively; the corresponding age-standardized rates (ASR) were 84.4 and 71.0 respectively. The cumulative risk of acquiring cancer in one's lifetime of 0-74 years was one in 13 among men and one in 11 among women.

Age-group

Cancers in childhood (0-14 years of age) accounted for 1236 cases (1.9%) while the majority were from 35-64 years of age (n=41,852; 63.8%); geriatric (65+ years of age) cancers comprised 18,473 (28.2%). The corresponding ASprRs were 7.2, 146.3 and 335.6 per 100,000 populations respectively.

Residence district

The absolute number of new cancer cases was the highest among the residents of Chennai city (6781) followed by Kanchipuram (4900), Tiruvallur (4413), Coimbatore (3399) and Vellore (3180) districts; the least ranked districts were Ramanathapuram (853), Ariyalur (596), Perambalur (492) and Nilgiris (374). The top ranking districts in terms of CIR of all cancers together per 100,000 population were Chennai (140.8), Thanjavur (105.7), Kanchipuram (102.8), Kanyakumari (101.7) and Tiruvallur (100.7); the least ranking districts were Virudhunagar (62.2), Ramanathapuram (58.8), Nilgiris (51.8) and Krishnagiri (48.7).

Common cancers

Cancers of the female breast (9625; 26.3%) and cervix (7545; 20.6%) were the top two in Tamil Nadu even when the number of new cases of other cancer sites occurring among both sexes were combined. This is followed by stomach (3835; 5.8%), mouth (3773; 5.8%), lung (3240; 4.9%) and large bowel (3217; 4.9%). Oral cancers comprising lip, tongue and mouth together accounted for 6117 (9.3%) cases.

The commonest cancers among men were stomach (CIR: 6.6), mouth (6.2) and lung (5.9). Among women, the order was breast (24.7), cervix (19.4) and ovary (5.0). Large bowel cancers ranked fourth among men and women with a CIR of 4.8 and 3.5 per 100,000 populations respectively. CIR of oral cancers comprising lip, tongue and mouth together was 2-fold higher among men (10.6) than women (5.1). The combined incidence of cancers attributable to tobacco use in any form was higher among men 31.1 than women (13.0). The minimum and

maximum CIR observed between the 32 districts ranged 2-5 folds for every common cancer.

TNCRP - Cancer trend in 2012-2016

It is too early for a formal trend analysis but there was a general increasing trend observed in the number of new cancers registered in TN-CRP from year 2012 to 2016 by applying the simple linear regression model. The figures for all cancers together were 53,022 in 2012 and 65,590 in 2016 yielding an average annual increase of 4.7% (Male: 5.1%; Female: 4.5%). Female breast cancers showed an increasing trend (4.3%) while cervix cancer remained unchanged. Other cancers to show an increasing trend were lung (4.6%), oral (4.2%), large bowel (6.2%), prostate (10.3%) and thyroid (10.4%) to name a few.

TNCRP – Estimates for 2020

Trend analysis of number of new cases based on simple linear regression model during 2012-2016 was extrapolated to forecast the estimates for the year 2020. The estimated number of new cancer cases in 2020 was 78,641 with 42,778 women and 35,863 men. The estimates for common cancers are female breast (10,974), oral (7,013), cervix (6,576), stomach (4,577), large bowel (4,118) and lung (3,797).

Implications

TNCRP has evolved over time by stabilizing its case-finding practices to generate reliable cancer incidence statistics for the year 2016 by gender and age-group for every cancer site in each of 32 districts for cancer control action and policy. An online cancer reporting system has been developed by the DoH&FW, Government of Tamil Nadu for use from year 2020. This is expected to reduce the time lag in data processing and improve timeliness of publication of report. It is high time that analytical epidemiological investigations on several common cancers were launched using the TNCRP platform. TNCRP framework can be utilized for evaluating the ongoing statewide cancer screening and early detection programs. ■

Introduction

TNCRP – Genesis and operations

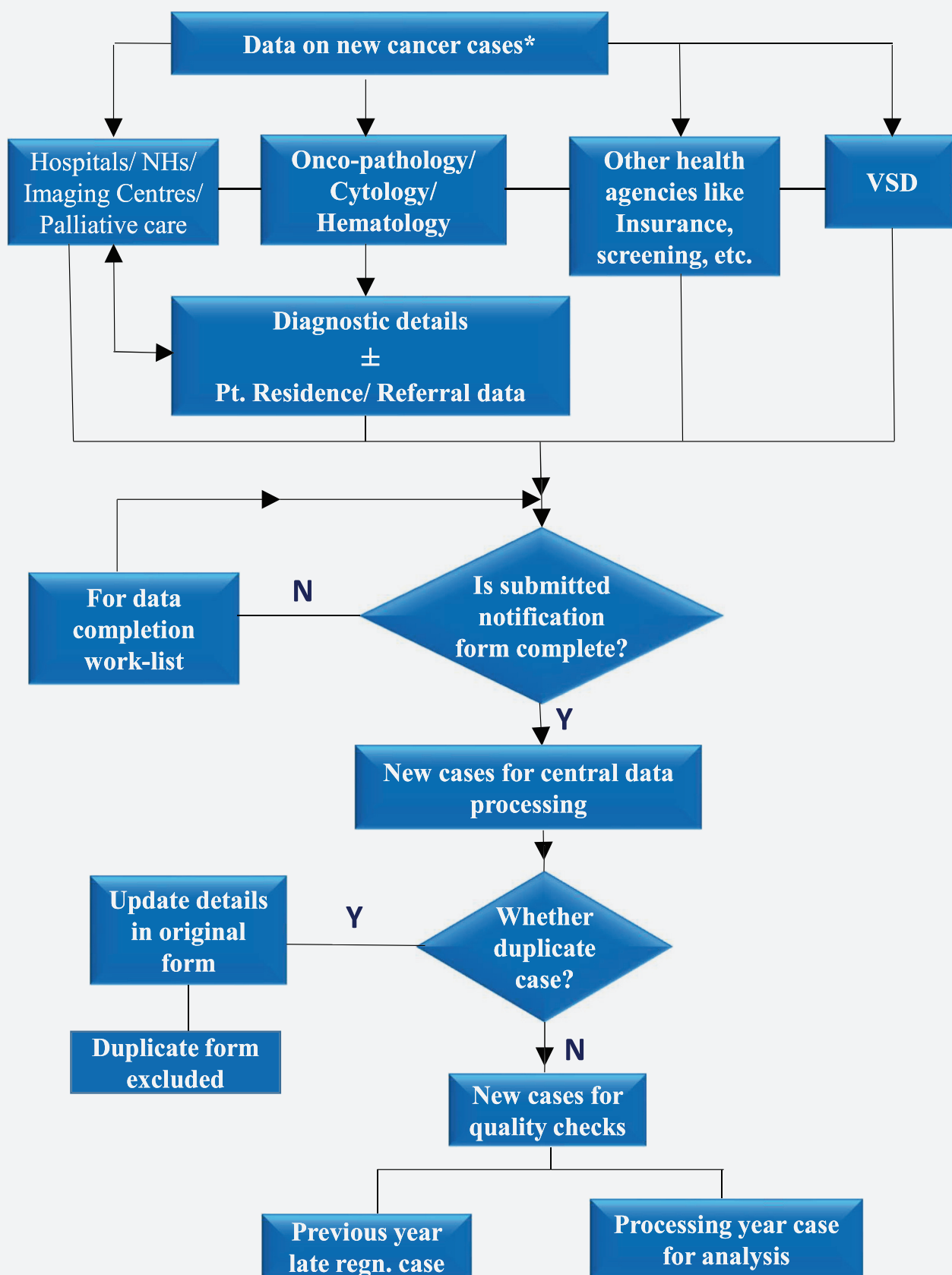
The Cancer Institute (W.I.A) is the pioneer in demographic cancer registration in the state of Tamil Nadu. The first population-based cancer registry (PBCR) known as the Madras Metropolitan Tumour Registry (MMTR) is based at the institute since 1981 under the National Cancer Registry Program (NCRP) of the Indian Council of Medical Research (ICMR), Government of India, covering the then Chennai metropolitan area of 170 km² and catering to an entirely urban population. Subsequently, realizing the paucity of information on cancer incidence from rural area, the Dindigul Ambilikkai Cancer Registry (DACR) was established by the institute with the field office at the Christian Hospital Ambilikkai, covering the entire district of Dindigul and catering to a predominantly rural population. The registry surveillance statistics revealed a differential cancer incidence pattern between Chennai and Dindigul districts and provided significant leads that culminated in the starting of the statewide screening program for cancers of the uterine cervix and female breast under the Tamil Nadu Health Systems Project (TNHSP) of the Department of Health and Family Welfare (DoH&FW), Government of Tamil Nadu, with World Bank funding in 2008.

The varied cancer incidence pattern observed between Chennai and Dindigul districts triggered the curiosity to find out

whether such differences existed in other districts as well. Also, the DACR framework has been effectively utilized for evaluating the cervix cancer screening program in the past. The establishment and the recurring costs towards personnel and other resources for operating say, 4-5 sentinel cancer registries in selected districts were more or less equal to covering the entire state with more yield. Thus, originated the idea of having statewide registry surveillance as an academic exercise.

The officials in the Ministry of Health and Family Welfare, Government of Tamil Nadu were approached in the year 2011 for granting of permission for data collection as well as for exploring the possibility of declaring cancer as a notifiable disease. The senior officials in the Directorate of Public Health and Preventive Medicine (DPH&PM) applied due diligence to this matter and a government order [G.O. (Ms.) 132 dated June 17, 2012] was issued granting permission to the Cancer Institute (W.I.A), Chennai, to strengthen registry operations by collecting data on all new cancers occurring among the resident population of Tamil Nadu. Subsequently, another government order [G.O. (Ms.) 66 dated February 22, 2018]¹ was issued under the Public Health Act declaring cancer as a notifiable disease in Tamil Nadu. The DPH&PM christened the registry surveillance study as the Tamil Nadu Cancer Registry Project (TNCRP). TNCRP is based at the

Flowchart-1: Data-flow in TNCRP – Incident cancers



* Multiple notifications of same person from different sources is encountered; VSD: Vital statistics division

department of Epidemiology, Biostatistics and Cancer Registry, Cancer Institute (W.I.A), Chennai; TNCRP operations are fully carried out and funded by the institute.

The objectives of TNCRP are:

- (i) To elicit the realistic burden of new cancers in Tamil Nadu,
- (ii) to study the variations in cancer incidence and serve as a launch-pad for epidemiological investigations and
- (iii) to evaluate the on-going state-funded cancer screening or early detection services in Tamil Nadu

TNCRP operations initially relied heavily on active case-finding by TNCRP social investigators from medical records or registers maintained in health institutions having the potential to diagnose, treat or manage cancer patients and/or handle documentation on cancer patients from both government and non-government sectors. Flowchart-1 depicts the four broad categories of sources of data on new cancers for TNCRP:

- (i) hospital services - included out-patient and in-patient departments in oncology and other specialties, nursing homes, day-care services, imaging centres, palliative, hospice and other support services,
- (ii) onco-pathology services - included pathology, cytology, haematology and other services that primarily deal with tissue or liquid specimen,
- (iii) other sectors allied with health – included cancer screening programs, health insurance, etc. and
- (iv) vital statistics sections – included data on mortality due to cancer or tumour from a death certificate that served as the first source of information on cancer in the deceased individuals.

TNCRP – Modus operandi

The TNCRP social investigators visited all the potential sources of data and scrutinized the available medical records or registers for identifying the cancer cases. Only new cancer cases having a permanent residence in Tamil Nadu were eligible for registration in TNCRP. The data was abstracted using the TNCRP notification form from one or more of the departments listed above as available in each hospital. Incomplete data, if any, were then completed by linkages using patient identity number assigned in respective hospitals. For example, database-1 of cancer notifications from pathology departments, if devoid of patient residence details, were matched with cancer patient database-2 from OP/IP departments using hospital OP/IP numbers in both databases and other referral doctor/hospital details. Pre-printed registers for documenting new cancer patients were supplied to the hospitals according to the need. Referral hospitals located outside the state were also covered for registration of cancer cases from Tamil Nadu depending on the feasibility, cooperation and support. The network of HBCRs under the National Cancer Registry Program of the Indian Council of Medical Research, Government of India, is also an integral part of cancer registration for TNCRP.

The completed forms were then coded for topography and morphology using ICD-O III edition by TNCRP social investigators and submitted for central data processing at the institute. The forms were then entered offline into the computer using in-house developed data entry programs. Besides this, data on new cancer patients were also received electronically as line-list from data sources having electronic medical record or computerized data in free-format. These electronic data were then organized to

conform to required data structure and standard norms including ICD-O coding. The processed electronic data from each source were then appended one by one to the TNCRP database.

TNCRP was started in the year 2012 and only notifications of new cancer cases diagnosed in 2012 or later were included for data processing. Once the receipt of data from all major sources of registration were completed, including those identified through a death certificate only, the processed data were then classified based on the year of cancer diagnosis. The lag-time between current (say 2019) and processing year (2016) was utmost 3 years. Cancer cases diagnosed in the processing year were first subjected for duplicate checking. This included checking within processing year TNCRP database as well as databases of previous years. Pairwise listing of possible duplicate cancer cases, identical or appearing similar on 3 or more factors like patient name, age, gender, relative name(s), residence address, cancer type, hospital/tumour identity numbers were generated and identified, whether duplicate or not, based on the level of probabilistic matching of these factors using MatchPro software² and visual scrutiny of line-list ordered on patient name or cancer site or residence area. Line-list data of cancer cases identified as duplicates were updated of the original case-number and deleted from TNCRP database after updating relevant data in the original record. Cancer cases first diagnosed before the processing year were labeled as late-registered cases and processed separately.

The finally included new cancer cases of processing year were then subjected to statistical analysis. Cancer incidence statistics on frequencies and rates by diagnosis year, 5-year age-group, gender and cancer site were generated for reporting.

Integrated Cancer Registry – Online portal for reporting new cancer cases

TNCRP data on cancer incidence and pattern during the period 2012-2016 provided useful leads in dispelling many myths surrounding the cancer burden in different times. However, it was strongly felt that the timeliness of availability of data was also paramount. To facilitate this, the Department of Health and Family Welfare (DoH&FW) of Government of Tamil Nadu, enacted an order G.O. (D) 994 dated June 14, 2019 for the establishment of a Web-based Notification System for the Integrated Cancer Registry under the DPH&PM, Chennai.

The development of the online reporting system of new cancer cases by various health institutions has been done by the officials of DPH&PM and other Directorates in DoH&FW in consultation with the Tamil Nadu Cancer Registry Project study group. It will be ready for deployment for use by all stakeholders from year 2020. This will facilitate every data source (hospitals, pathology labs, imaging centres, etc.) to obtain a valid login and individual password for the ease of reporting and with provisions for downloading all the data submitted by respective institutions. The entire web-based system is insulated with very strong measures to ensure complete data security and confidentiality.

This progressive step is expected (i) to increase passive notification of cancer cases by data sources, (ii) to streamline the passive reporting in one channel thereby avoiding submission of electronic line-list data in free format and (iii) to ensure timeliness of data, both for notifying cancer cases and subsequent publication of reports.

The TNCRP will continue to monitor the operations from including data collection, notification, compilation, processing, coverage and analysis. ■

² <https://surveillance.cancer.gov/matchpro/download>

Chapter - 1

Population characteristics — Whole state and by districts

Tamil Nadu is located in Southern India bordered by the states of Kerala, Karnataka and Andhra Pradesh. Its capital city, Chennai, is in the eastern coast of peninsular India. The state had 32 districts, as of 2019, all covered under TNCRP. The population

pyramid of Tamil Nadu by 5-year age-group and gender as per census 2011 is given in Fig. 1.1

The total population of Tamil Nadu was 7.21 crores in year 2011. There were 996 women to 1000 men. The exponential growth rate of total

Fig. 1.1: Tamil Nadu state census population by 5-year age-group and gender, Year 2011

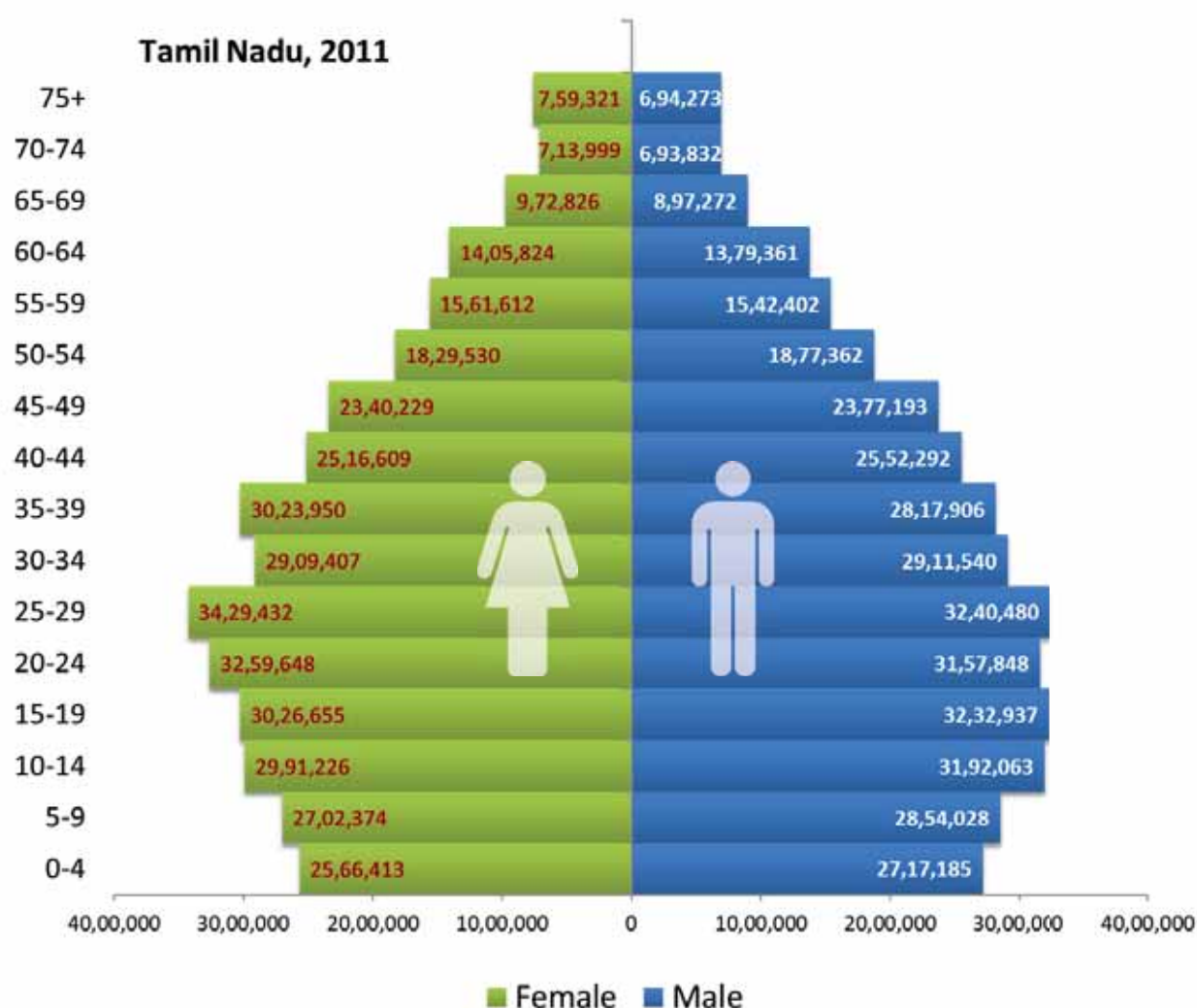
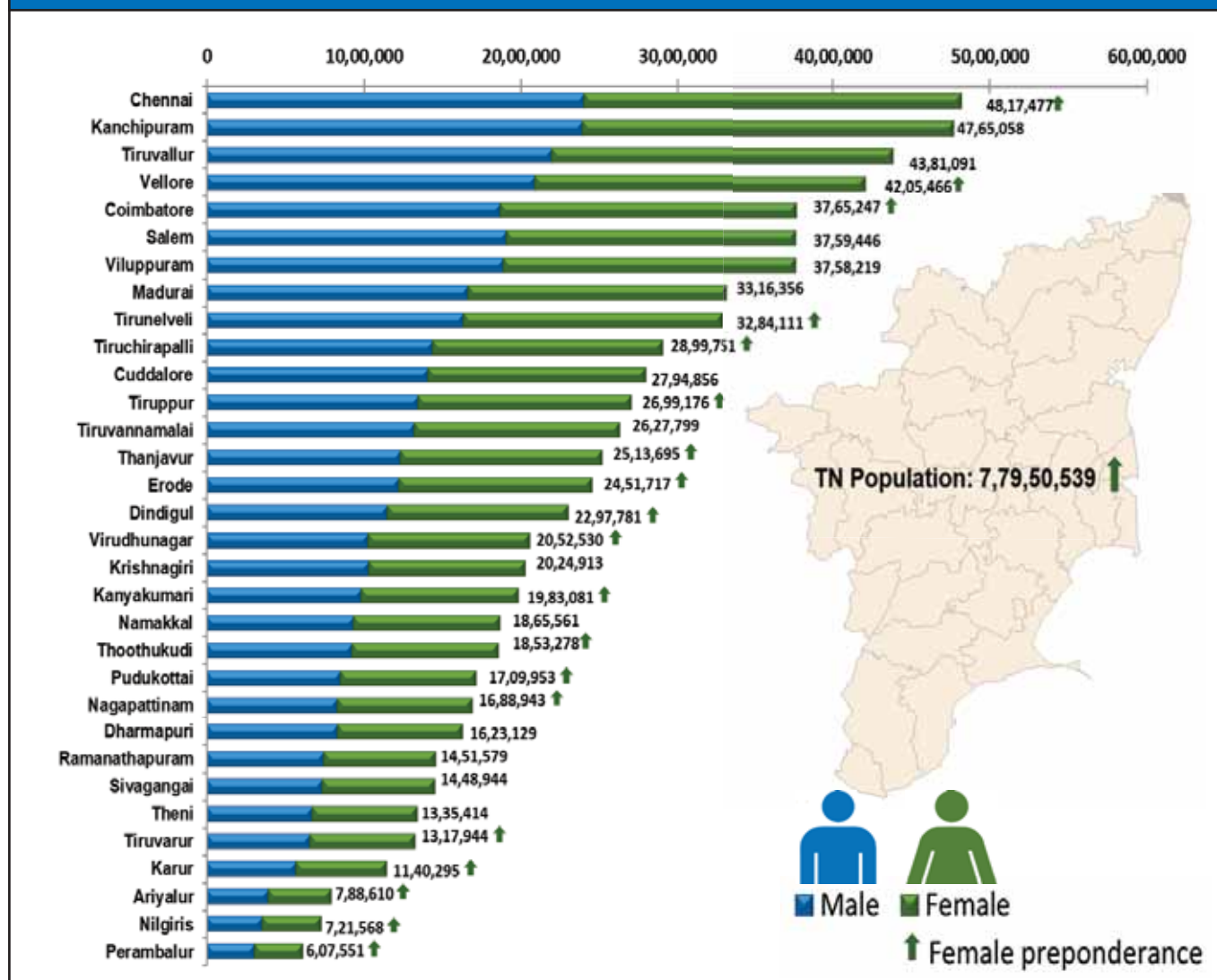


Fig. 1.2: Estimated number of subjects in total population for 32 districts as on July 1, 2016



population in year 2011 compared to 2001 was 0.0063. The percent growth in population in year 2011 compared to 2001 was 15.6%, higher among women (16.1%) than men (15.1%). Childhood (0-14 years of age) population comprised 23.6% with more boys (8,763,276) than girls (8,260,013), while the geriatric population (60+ years) accounted for 10.4% with more women (3,851,970) than men (3,664,738). The maximum number of subjects in the population were in 25-29 years age group in both sexes.

The estimated total population by sex for each of the 32 districts ordered on the number of subjects as on July 1, 2016 is given in Fig. 1.2

The estimated total population of Tamil Nadu as on July 1, 2016 was 7.8 crores with more women than men in the ratio of 1001 women to 1000 men. Chennai district was ranked at the top in terms of the total population while Perambalur district was the least populated. In 19 out of 32 districts, there were more women than men in the population.

The annual population by 5-year age group and gender for the whole state and all the 32 districts during 2012-2016 was estimated using the exponential growth rate method based on respective census populations of 2001 and 2011. These annual estimated populations were utilized for calculating the cancer incidence rates in this report. ■

Chapter - 2

Cancer registration and incidence statistics of all cancers together in Tamil Nadu

A guide to the report

In this report, frequencies and incidence rates of only new cancers first diagnosed in respective calendar year during 2012-2016 are given. The numbers of new cancers reported here are after excluding both (i) the de-duplicated cancer cases diagnosed within the same year and (ii) the prevalent cancer cases of previous years. The incidence rate is calculated as the number of new cases of all cancers together or specific cancers registered in a period divided by the total person-years (mid-year population) at risk

in the same period per 100,000, for all ages together (CIR: Crude Incidence Rate) and for every 5-year age-groups (ASpR: Age-Specific Rate) among men and women separately. Age-standardized rates (ASR) are calculated based on the world standard population¹ for comparison purposes. The cumulative risk of acquiring any cancer in one's lifetime of 0-74 years is expressed as a percentage or as "one in so many individuals". Cancer incidence statistics for the entire state as well as for each of the 32 districts and on common cancers are provided in a standard template separately. This is supplemented by annexure tables giving cancer incidence statistics for the year 2016 by gender and age-group for every cancer site in the entire state and in each of 32 districts. Estimates of number of new cancer cases for the year 2020 are provided for each district and all together in Tamil Nadu.

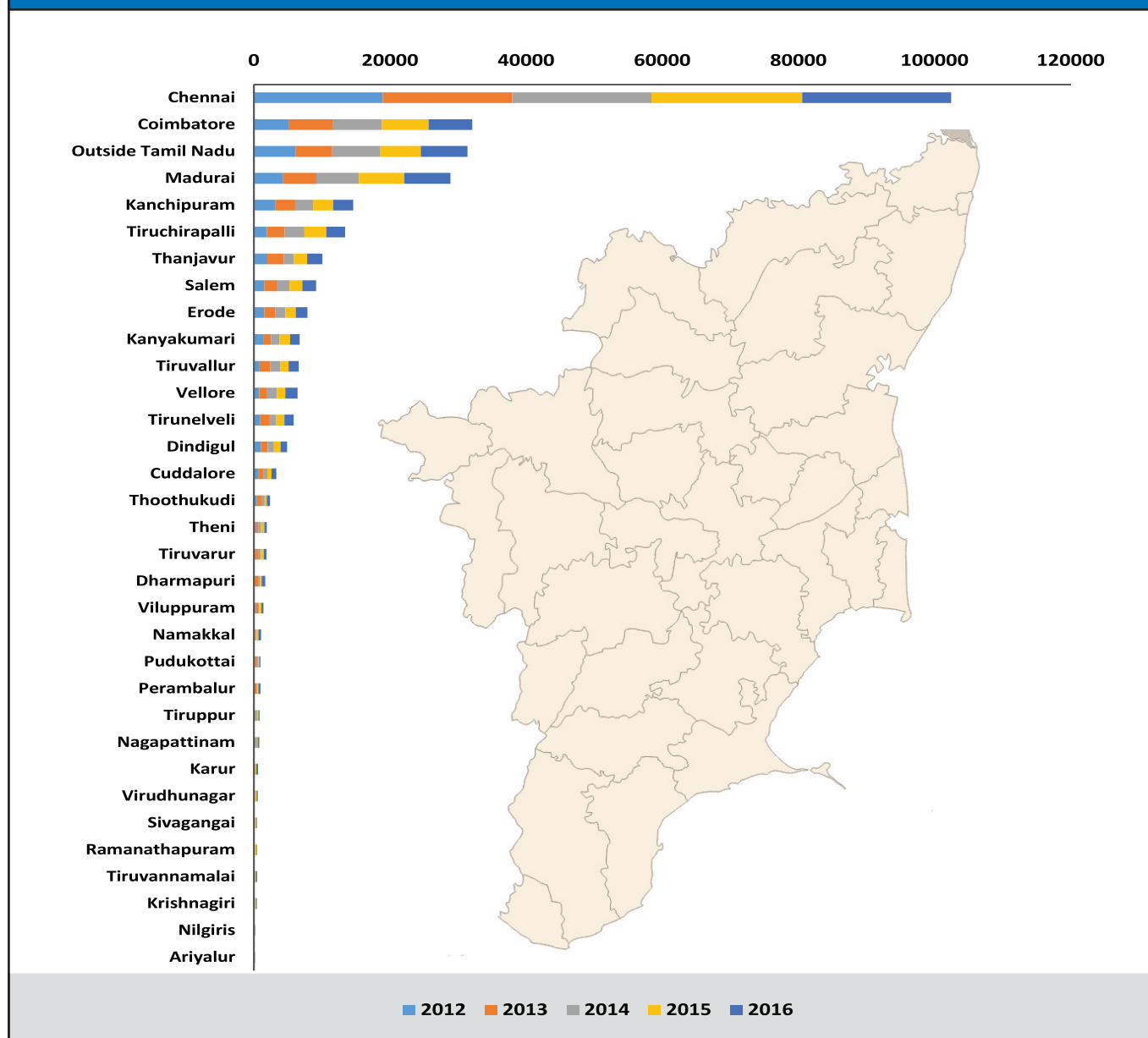
Table 2.1: TNCRP notification statistics, Year 2012-2019

Year of notification/ diagnosis	Total no. of cases notified or registered in TNCRP	No. of duplicate cases/not cancers/ outside Tamil Nadu	No. of incident cancers included in the analysis
2012	65,606	12,584	53,022
2013	80,117	22,560	57,557
2014	91,755	30,013	61,742
2015	97,284	34,143	63,141
2016	107,495	41,905	65,590
2017 ^{\$}	108,211		
2018 [*]	66,355		
2019 [*]	40,349		

*\$: Data under processing; * Data acquisition on new cancer cases still ongoing, not yet completed*

Case-registration statistics

The total number of cancer notifications (new+old cases) processed in TNCRP during the period of 2012 to 2018 was 6,16,823 at the time of preparation of this report (Table 2.1). Of this, the data on new cancers first diagnosed between 2012 and 2016 have been finalized. Data processing on new cancers diagnosed in the year 2017 is nearing completion while more data on new cancers first diagnosed during 2018-2019 are awaited from many major and minor

Fig. 2.1: No. of new cancers registered annually during 2012-2016 by source district

sources. Registration of new cancer cases for the entire period is continuing in year 2020.

The total number of notifications submitted to TNCRP for central data processing clearly showed an increasing trend during the period 2012-2017, for which the data acquisition is completed: from 65,606 in 2012 to 108,211 in 2017. A corresponding increasing trend of number of new (incident) cancers included for analysis was also observed during 2012-2016: from 53,022 in 2012 to 65,590 in 2016. A total of 108,211 notifications of cases diagnosed in year 2017 have already been received.

Data processing like checking for duplicate with cases registered from 2012, validity and consistency checks and updating are nearing completion. For cases diagnosed in year 2018 and later, data acquisition is ongoing.

Annual cancer registration statistics (2012-2016) by source district – No. of cancer cases

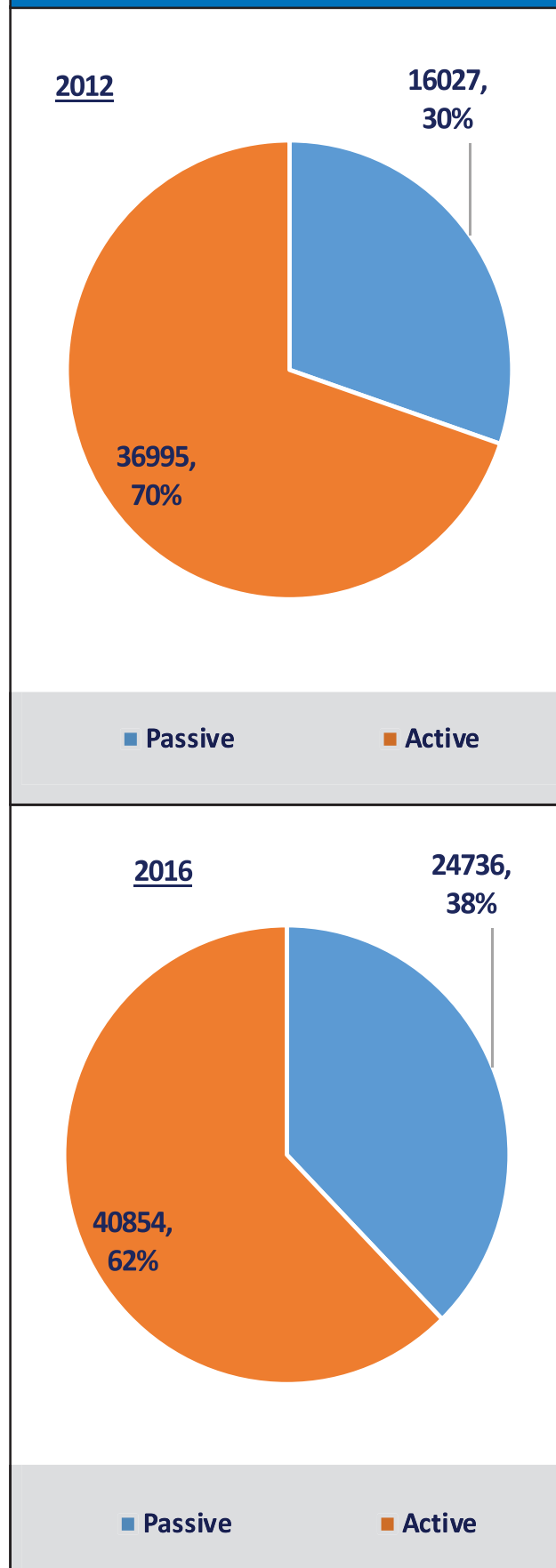
The frequency of new cancers by source district based on the location of data sources from where cases were registered in TNCRP every year during 2012-2016 in descending order is given in Fig. 2.1.

The most number of new cancer cases in TNCRP during 2012-2016 were registered from different data sources located within Chennai city (1,02,468) followed by sources in Coimbatore (32,093) district and those outside Tamil Nadu (31,383). The least number of new cancers were registered from sources located in Krishnagiri (448), Nilgiris (242) and Ariyalur (175) districts. The pattern followed a direct relationship between the number of cases reported and the development of health services to manage cancer cases: more the availability of cancer centres and medical colleges in a district, more were the number of cancer cases registered from that place. This is irrespective of the place where the patient is resident. The minor fluctuations in the number of cancer cases by year of diagnosis that were observed in some districts probably reflected the non-uniformity in active case-finding efforts possibly arising from varying cooperation from data sources there. It is reassuring that a general increasing trend in the number of cases from year 2012 was forthcoming in majority of the districts.

Cancer registration statistics by type of case-finding in years 2012 and 2016 – No. of cancer cases

The new cancer cases were registered both by active and passive case-finding methods in TNCRP. In active case-finding, the TNCRP social investigators visited the source hospitals and identified the new cancers by perusing the available medical records or registers. One TNCRP notification form for each cancer case was then completed. In passive case-finding, the data were received by TNCRP as sent by source hospitals, either as filled hard-copy TNCRP forms or electronic line-list data in free format. These were re-formatted conforming to the required structure, coding by ICD-O and ICD-10 was completed and included to TNCRP data-base. The frequency of new cancers by type of case-finding viz. active or passive, registered in TNCRP in year 2012 and 2016 are given in Figure 2.2.

Fig. 2.2: No. of new cancers registered in TNCRP by type of case-finding in 2012 and 2016



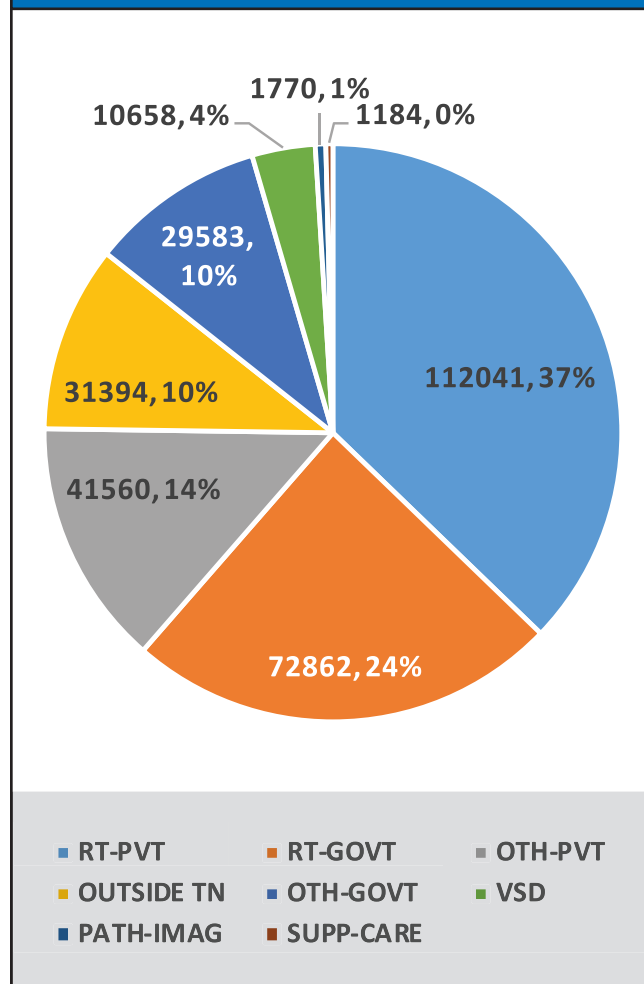
Cancer cases registered by active case-finding formed the majority both in 2012 and 2016. However, the number of notifications by passive case-finding rose significantly in 2016 (24,736) compared to 2012 (16,027). This augurs well for sustaining cancer surveillance throughout Tamil Nadu and for cost effectiveness in future.

Cancer registration statistics by type of data source in TNCRP during 2012-2016 – No. of cancer cases

The data on new cancers were obtained from a variety of sources of registration of cases in TNCRP: from a major comprehensive cancer centre to a minor hospital, both in the government and non-government sectors. *The complete line-list of such sources that have contributed data to TNCRP since year 2012 is given separately.* These sources were classified under the following broad categories: Government hospital with radiotherapy (RT) facility (RT-GOVT), non-government hospital with RT (RT-PVT), other government hospitals, other non-government hospitals, stand-alone pathology labs and imaging centres in non-government sector, supportive care services like palliative care or hospice, any hospital outside the Tamil Nadu state and vital statistics division (VSD) or death certificates. The frequency of new cancers by type of data source registered in TNCRP during 2012-2016 are given in Figure 2.3.

New cancer cases registered from different sources in government sector accounted for 1,02,445 (34%) while those from all sources together in non-government sector were 1,53,601 (51%). The majority of new cancers were registered from hospitals with RT in non-government sector (n=1,12,041; 37.2%), followed by hospitals with RT in government sector (72,862; 24.2%). New cancer cases first identified and included only on the basis of a death certificate constituted 10,658 (3.5%). Cases registered from data sources outside Tamil Nadu state accounted for 31,394 (10.4%).

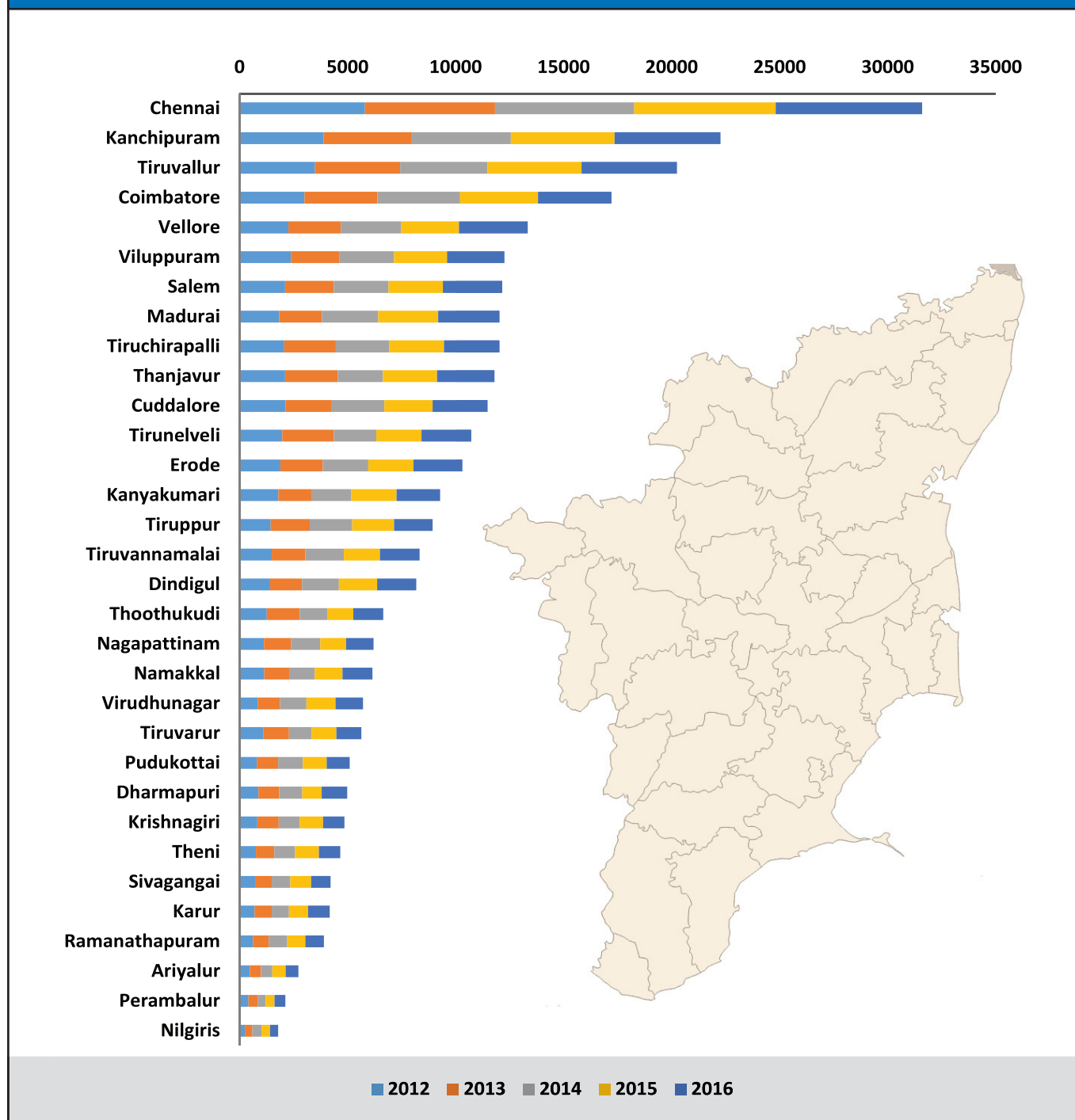
Fig. 2.3: No. of new cancers registered in TNCRP by type of data source during 2012-2016



Annual cancer incidence statistics (2012-2016) by residence district – No. of cancer cases

The frequency of new cancers that occurred among the residents of 32 districts every year during 2012-2016 in the descending order of the total is given in Figure 2.4.

The most number of new cancer cases during 2012-2016 occurred among the Chennai city resident population (31,596) followed by Kanchipuram (22,261) and Tiruvallur (20,247) district population. The least number of new cancers occurred among the resident populations of Ariyalur (2,726), Perambalur (2,114) and Nilgiris (1,792) in that order. No overt fluctuations were observed in the number of cancers

Fig. 2.4: No. of new cancers registered annually during 2012-2016 by residence district

registered every year for any district. A general increasing trend in the number of cases from year 2012 was forthcoming in majority of the districts.

Cancer registration statistics within and outside each residence district in TNCRP during 2016 – No. of cancer cases

The extent to which new cancer cases in every district were diagnosed or treated in health

institutions located within or outside the district, can serve as an indirect indicator of the development of health services for cancer management in that district. Table 2.2 gives the number of new cancer cases registered from health institutions situated within or outside of each of 32 residence districts.

In only 7 districts, there were at least 50% of new cancer cases, who were registered from hospitals

Table 2.2: No. of new cases registered within and outside each residence district in year 2016

Residence district	New cancer cases registered from health institutions				
	Within residence district		Outside residence district		Total
	No.	%	No.	%	No.
ARIYALUR	31	5.2%	565	94.8%	596
CHENNAI	6359	93.8%	422	6.2%	6781
COIMBATORE	2940	86.5%	459	13.5%	3399
CUDDALORE	625	24.6%	1911	75.4%	2536
DHARMAPURI	423	35.6%	765	64.4%	1188
DINDIGUL	681	37.5%	1133	62.5%	1814
ERODE	1050	46.5%	1206	53.5%	2256
KANCHIPURAM	1276	26.0%	3624	74.0%	4900
KANYAKUMARI	1158	57.4%	858	42.6%	2016
KARUR	212	21.4%	780	78.6%	992
KRISHNAGIRI	120	12.2%	862	87.8%	982
MADURAI	2509	88.7%	319	11.3%	2828
NAGAPATTINAM	161	12.7%	1108	87.3%	1269
NILGIRIS	53	14.2%	321	85.8%	374
NAMAKKAL	316	22.7%	1074	77.3%	1390
PERAMBALUR	186	37.8%	306	62.2%	492
PUDUKOTTAI	116	10.9%	952	89.1%	1068
RAMANATHAPURAM	80	9.4%	773	90.6%	853
SALEM	1376	50.0%	1376	50.0%	2752
SIVAGANGAI	83	9.2%	818	90.8%	901
THANJAVUR	1433	54.0%	1223	46.0%	2656
THENI	350	35.5%	637	64.5%	987
THOOTHUKUDI	430	31.1%	954	68.9%	1384
TIRUNELVELI	1007	44.0%	1283	56.0%	2290
TIRUCHIRAPALLI	1608	62.6%	959	37.4%	2567
TIRUPPUR	160	8.9%	1629	91.1%	1789
TIRUVARUR	326	28.0%	837	72.0%	1163
TIRUVALLUR	636	14.4%	3777	85.6%	4413
TIRUVANNAMALAI	146	8.0%	1687	92.0%	1833
VELLORE	1198	37.7%	1982	62.3%	3180
VIRUDHUNAGAR	168	13.2%	1109	86.8%	1277
VILUPPURAM	306	11.5%	2358	88.5%	2664
TOTAL	27523	42.0%	38067	58.0%	65590

located within the respective residence districts. In the remaining 25 districts, a majority of new cancer cases had sought cancer diagnosis and/or treatment outside the respective residence districts. Overall, in year 2016, 27,523 cases (42%) had sought cancer diagnosis and/or treatment in respective residence districts in Tamil Nadu.

Cancer incidence statistics by gender and residence district in year 2016 – No. of cancer cases

The frequency of new cancers that occurred among the residents of 32 districts by gender in year 2016 in descending order is given in Figure 2.5.

Fig. 2.5: No. of new cancers registered by gender and residence district in year 2016

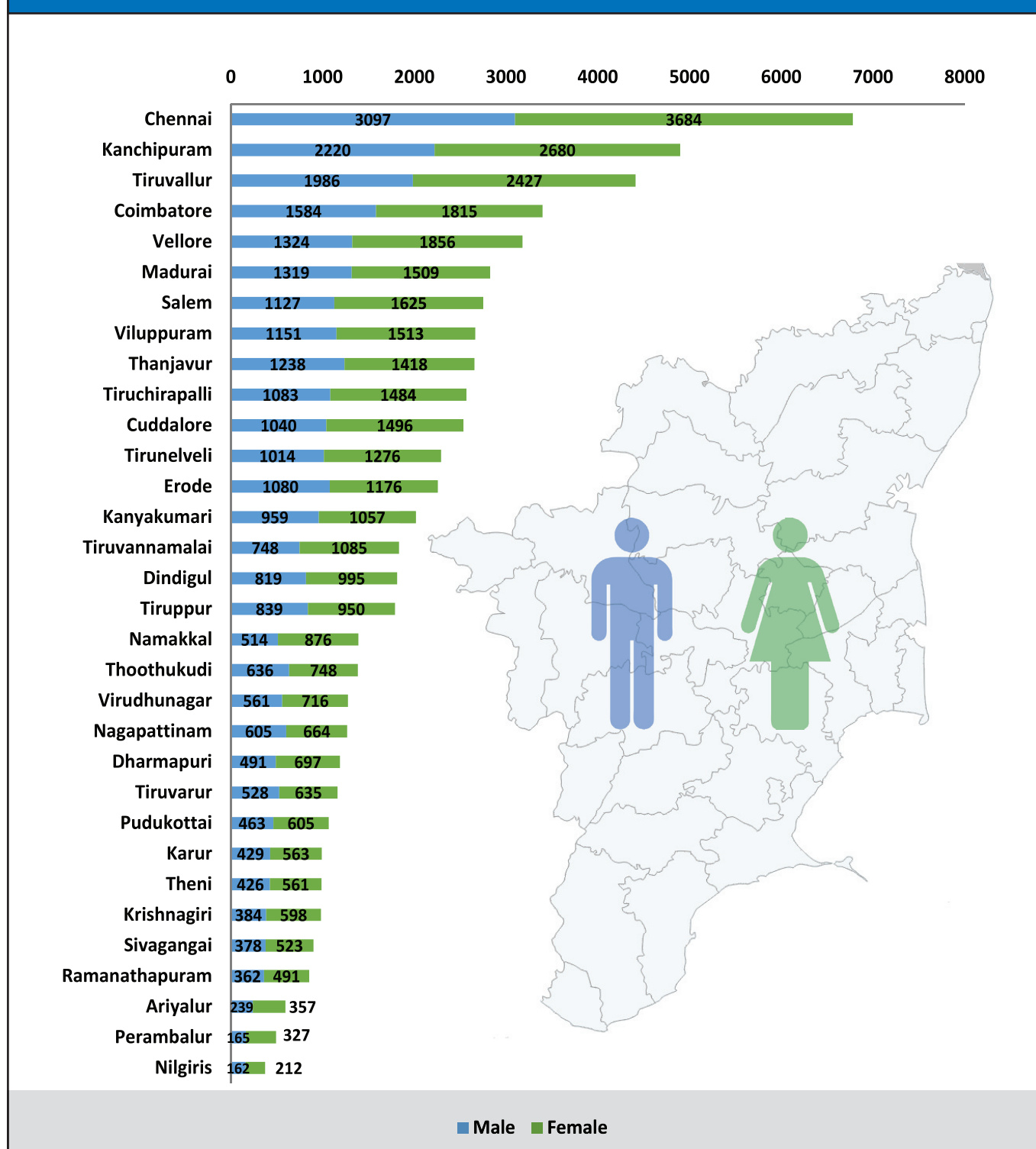
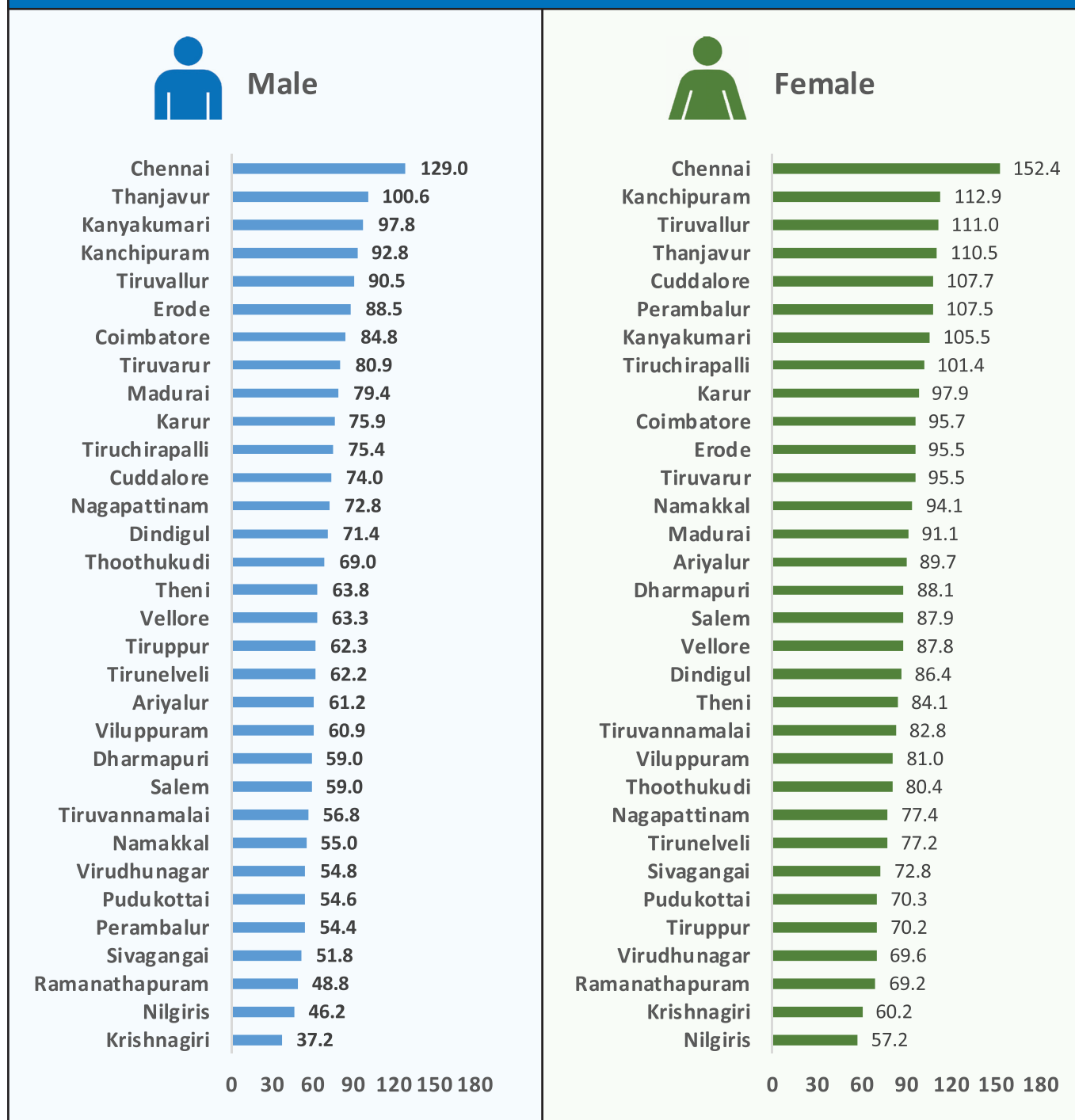
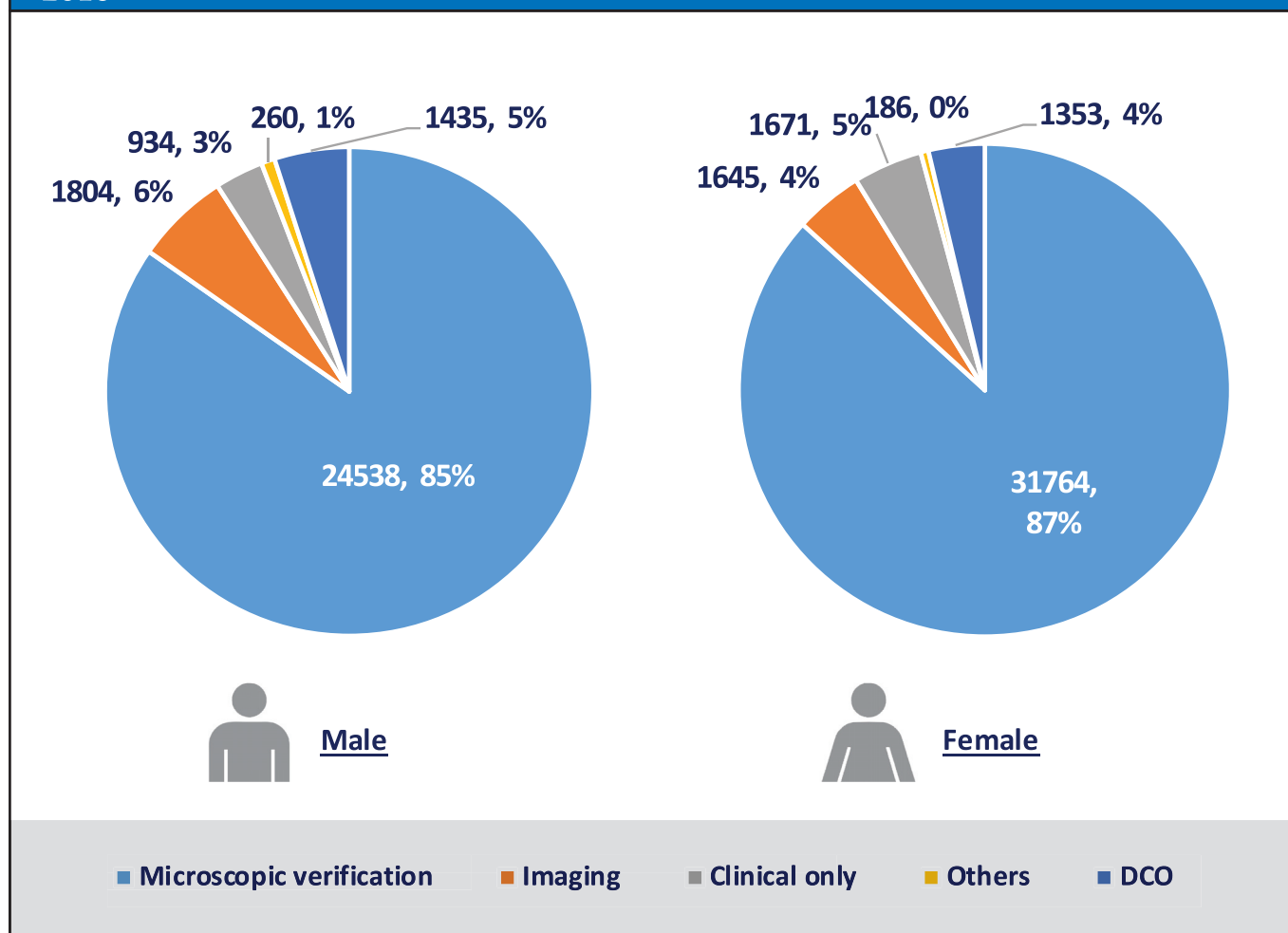


Fig. 2.6: CIR of all cancers together by residence district among men and women, Year 2016

A total of 65,590 new cancers were included for analysis in TNCRP for entire Tamil Nadu together in year 2016. There were more women (n=36,619) newly diagnosed with cancer than men (28,971) in the ratio of 126 females to 100 males. A female preponderance was forthcoming in all the districts with no exceptions. The difference was the least in Erode (109) and Kanyakumari (110) districts.

Cancer incidence statistics ranked by residence district for men and women separately in year 2016 – Crude Incidence rate (CIR) per 100,000

The CIR of all new cancers together that occurred among the residents of 32 districts ranked in descending order for men and women in year 2016 are given in Figure 2.6.

Fig. 2.7: No. of new cases by most valid basis of diagnosis and gender, Tamil Nadu, year 2016

Chennai, Thanjavur, Kanchipuram and Tiruvallur districts were within the top 5 in terms of CIR of all cancers together among men and women separately. Kanyakumari district was ranked third among men and Cuddalore district was at fifth place among women. Ramanathapuram, Nilgiris and Krishnagiri were the bottom most ranked districts in Tamil Nadu based on CIR of all cancers together.

Most valid basis of diagnosis

Cancers are diagnosed by multiple means depending on the availability of resources within the different medical institutions and the referral pathways: microscopic verification of cancer diagnosis comprising histology of primary and/or secondary site(s), cytology, haematology, etc.; all imaging including

X-ray, USG, CT, MRI, PET, etc.; others like endoscopy, immunology, biochemical etc.; clinical only sans investigations; death certificate only. The frequency of cases by the most valid basis of diagnosis, as classified above, registered in TNCRP in the year 2016 are given in Fig. 2.7.

Out of 65,590 new cancer cases registered in year 2016, microscopic verification of cancer diagnosis was possible in 85.8% (Men: 84.7%; Women: 86.7%) thus ensuring good validity of data. This was consequent to proper linkage of data collected from pathology departments/labs with data from other departments. All imaging accounted for 5.3%, clinical examination only 4.0% and other methods of diagnosis 0.6%. Cancer diagnosis based on a death certificate only was observed in 4.3%. ■

CHAPTER 3

DISTRICT PROFILE: CANCER INCIDENCE STATISTICS

District Name#	Page Number
Tamil Nadu: All districts together	19
Ariyalur	23
Chennai	27
Coimbatore	31
Cuddalore	35
Dharmapuri	39
Dindigul	43
Erode	47
Kanchipuram	51
Kanyakumari	55
Karur	59
Krishnagiri	63
Madurai	67
Nagapattinam	71
Namakkal	75
Nilgiris	79
Perambalur	83
Pudukottai	87
Ramanathapuram	91
Salem	95
Sivagangai	99
Thanjavur	103
Theni	107
Thoothukudi	111
Tiruchirapalli	115
Tirunelveli	119
Tiruppur	123
Tiruvallur	127
Tiruvannamalai	131
Tiruvarur	135
Vellore	139
Viluppuram	143
Virudhunagar	147

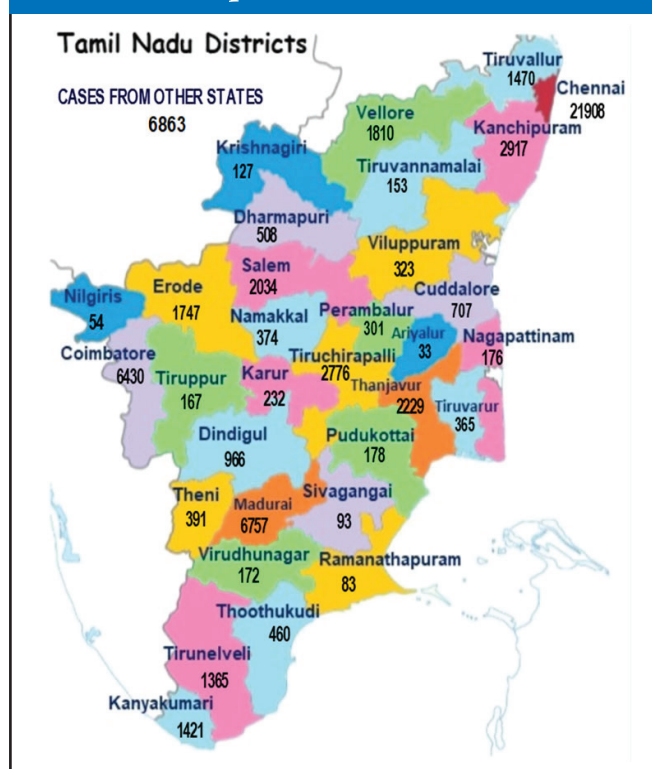
Residence District: All Districts

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	23124	24419	27272	28425	28971	31160	32720	34296	35863
FEMALE	29898	33138	34470	34716	36619	38276	39779	41281	42778
TOTAL	53022	57557	61742	63141	65590	69436	72499	75577	78641

Year - 2016

New Cases - 65590

No. of Cases Reported from the Source District



No. of Cases by Major Sources

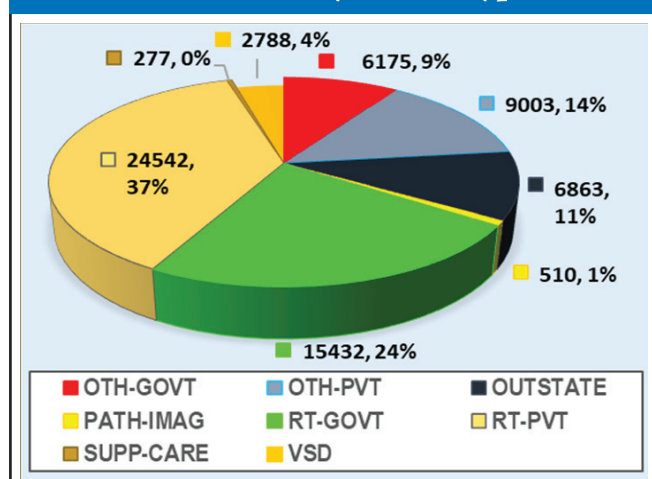
SOURCE NAME	DISTRICT	No.
Cancer Institute (WIA) - Adyar	Chennai	7775
JIPMER	Pondicherry	4309
Rajiv Gandhi Govt. General Hos	Chennai	3640
RCC Govt. Rajaji Hosp.	Madurai	2728
G Kuppusamy Naidu Memorial Hos	Coimbatore	2094
Meenakshi Mission Hosp. & Res.	Madurai	1721
Christian Med. Coll. Hosp.	Vellore	1418
RCC_TVVM	Trivandrum	1397
RCC Govt. Arignar Anna Mem. Ca	Kanchipuram	1363
RCC Coimbatore Govt. Med. Coll.	Coimbatore	1319
Govt. Royapettah Hosp.	Chennai	1260
Govt. Tirunelveli Med. Coll. Hosp.	Tirunelveli	1221
Govt. Mohan Kumaramangalam Me	Salem	1221
Govt. Thanjavur Med. Coll. Hos	Thanjavur	1126
GVN Hosp. Singarathoppu	Tiruchirapalli	1125
Erode Cancer Cent.	Erode	1119
Apollo Hosp.	Chennai	1097
Govt. Stanley Med. Coll.	Chennai	1041
Sri Ramachandara Med. & Res.	Chennai	1000
Devaki Mult. Spl. Hosp.	Madurai	987

As per 2011 census

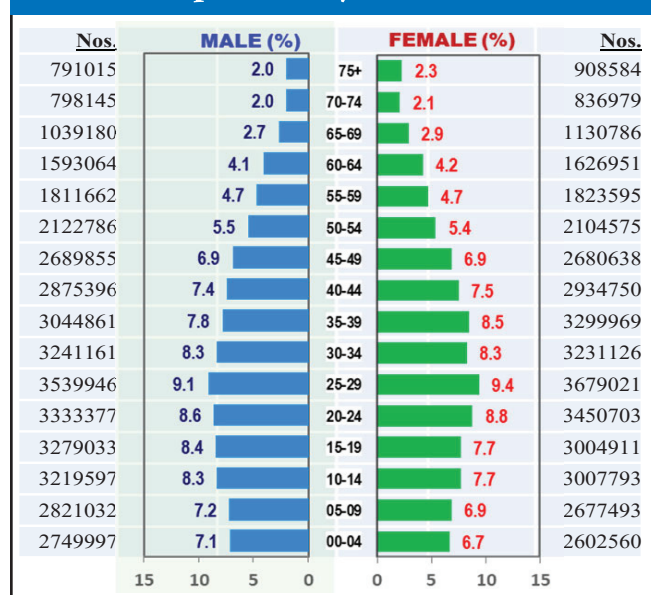
AREA (km²) : 130060

URBAN - RURAL (Ratio) 1 : 1.07

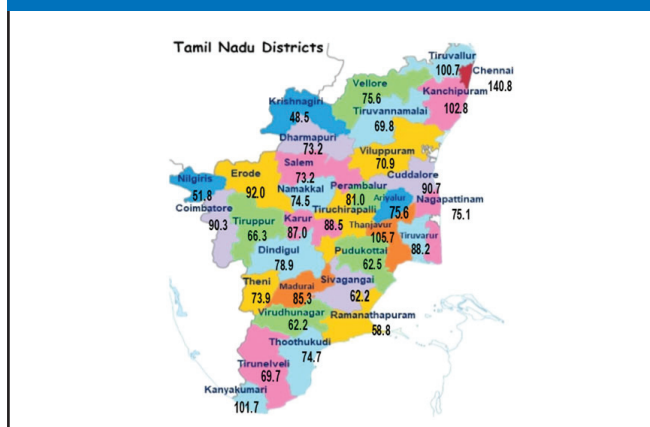
No. of Cases by Source Type



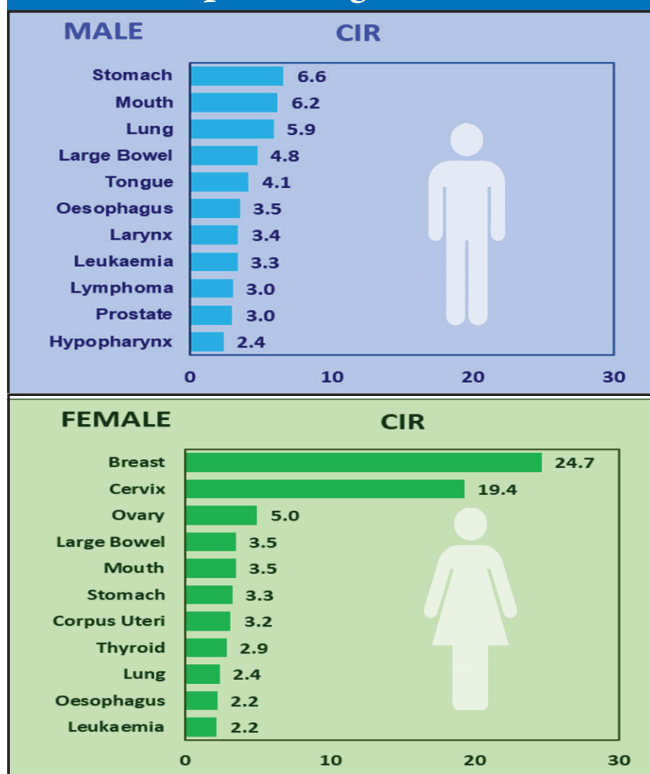
Population Pyramid 2016



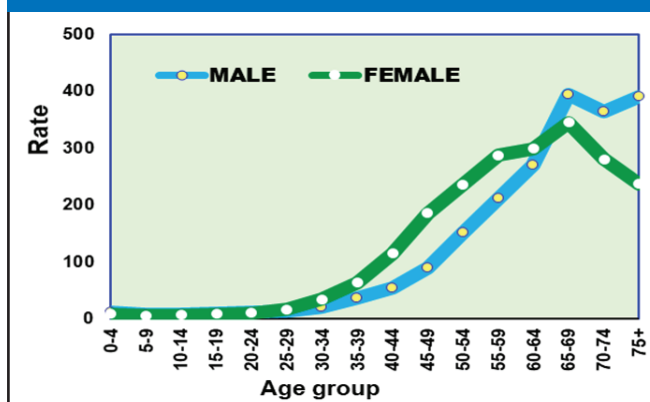
Crude Incidence Rate by Residence Districts



Top Ranking Cancers



Age Specific Incidence Rates by Sex



CIR, ASR, other rates are per 1,00,000 population

Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	28971	36619	65590
%	44.2	55.8	100.0
CIR	74.4	93.9	84.1
CR% (0-74 YEARS)	7.907	9.040	8.471
ASR	71.0	84.4	77.6

A total of 65,590 new cancers, diagnosed in year 2016, were registered among 7.8 crore population from the entire state with a female preponderance (1:1.26). About one-third of cases were registered from hospitals in Chennai city followed by those outside the state (10.5%), Madurai (10.3%) and Coimbatore (9.8%) districts. A majority were either first diagnosed and/or registered for TNCRP at the Cancer Institute (W.I.A), Chennai (11.9%) followed by JIPMER, Pondichery (6.6%), Rajiv Gandhi Government General Hospital, Chennai (5.5%) and Government Rajaji Hospital, Madurai (4.2%); all hospitals with radiotherapy facility in non-government sector together accounted for most cases (37.4%). The average annual CIR per 100,000 population for all cancers together was higher among women (93.9) than men (74.4); the corresponding figures for age-standardized rate (ASR) was 84.4 and 71.0 respectively. The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 12. The highest CIR was observed in Chennai (140.8) while the least was in Krishnagiri (48.5) districts. The number of cases of all cancers together were the highest in 35-64 years age-group while the peak incidence rate was observed in 65-69 years of age among both sexes; the incidence rates in childhood (0-14 years) and in the geriatric age group 65+ years were higher among men than women while this was reversed in 15-64 years age group. The most common cancers were as follows: Among men, the order was stomach (CIR:6.6), mouth (6.2), lung (5.9) and large bowel (4.8); among women, breast (24.7), cervix (19.4), ovary (5.0) and large bowel (3.5). The new cancer burden was estimated as 78,641 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	725	8.2	511	6.2
15-34	1771	13.2	2258	16.9
35-64	16386	115.9	25466	176.0
65+	10089	383.9	8384	291.5

Male, Tamil Nadu, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	111	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.4	0.6	0.9	1.3	1.0	1.5	1.3	0.3	0.3	0.5	0.031
C01-C02	Tongue	1608	5.6	0.0	0.0	0.0	0.1	0.0	0.2	1.6	3.2	4.7	7.1	11.4	12.4	16.1	18.2	14.3	12.6	4.1	3.8	8.4	0.444
C03-C06	Mouth	2414	8.3	0.0	0.0	0.0	0.0	0.2	0.4	1.9	4.1	7.3	9.5	14.0	18.7	23.5	31.0	25.7	25.3	6.2	5.8	11.8	0.680
C07-C08	Salivary Gland	183	0.6	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.3	0.3	0.8	1.0	0.9	1.4	1.9	1.9	2.5	0.5	0.4	0.7	0.047
C09-C10	Oropharynx	862	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.9	2.2	5.5	9.2	10.5	14.3	10.8	8.1	2.2	2.1	4.2	0.272
C11	Nasopharynx	159	0.5	0.0	0.0	0.1	0.5	0.2	0.1	0.2	0.3	0.3	0.6	0.9	1.1	1.3	1.0	1.0	1.0	0.4	0.4	0.7	0.038
C12-C13	Hypopharynx	920	3.2	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.3	2.1	5.5	7.2	10.2	15.4	13.5	13.9	2.4	2.3	3.9	0.282
C14	Pharynx unsp	95	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.6	0.9	0.8	1.8	1.8	0.9	0.2	0.2	0.4	0.032
C15	Oesophagus	1374	4.7	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	1.8	4.3	7.3	10.1	15.4	24.2	21.7	19.1	3.5	3.4	5.8	0.430
C16	Stomach	2565	8.9	0.0	0.0	0.0	0.0	0.3	0.5	1.6	2.3	4.7	8.8	15.6	20.0	25.8	39.0	35.6	31.5	6.6	6.2	11.5	0.768
C17	Small Intestine	113	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.5	0.4	0.8	1.3	0.9	0.8	1.1	1.1	0.3	0.3	0.6	0.030
C18	Colon	823	2.8	0.0	0.0	0.0	0.1	0.1	0.4	0.7	1.6	1.9	2.8	4.7	5.2	8.1	9.9	11.9	9.9	2.1	2.0	3.7	0.237
C19-C20	Rectum	1032	3.6	0.0	0.0	0.0	0.0	0.2	0.5	0.9	1.4	2.1	3.6	6.2	6.9	8.5	15.1	13.4	15.8	2.7	2.5	4.3	0.294
C21	Anus & Anal canal	158	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.5	0.6	1.1	2.4	2.1	1.1	1.8	0.4	0.4	0.8	0.044
C22	Liver etc.,	856	3.0	0.2	0.1	0.1	0.0	0.1	0.1	0.3	0.6	0.8	2.2	4.7	6.9	8.1	14.3	15.8	12.9	2.2	2.1	3.4	0.271
C23-C24	Gall Bladder etc.	363	1.3	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	1.2	2.6	2.9	4.1	5.5	3.6	3.7	0.9	0.9	1.8	0.107
C25	Pancreas	415	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.7	0.8	1.5	2.5	4.1	4.5	4.8	4.5	4.3	1.1	1.0	2.1	0.119
C26	Other G.I Tract	42	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.2	0.3	0.2	0.9	0.6	0.4	0.1	0.1	0.2	0.013
C30-C31	Nasal Cavity etc.	167	0.6	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.2	0.7	1.0	1.5	1.8	1.6	1.8	1.6	0.4	0.4	0.8	0.046
C32	Larynx	1328	4.6	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.7	4.1	7.9	11.5	14.8	21.7	19.6	18.2	3.4	3.3	5.9	0.410
C33-C34	Lung	2304	8.0	0.0	0.1	0.0	0.0	0.3	0.2	0.8	1.2	2.7	7.2	12.1	20.4	26.6	38.9	33.0	29.8	5.9	5.7	10.2	0.714
C37-C39	Oth Respiratory syst	89	0.3	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.9	1.4	0.1	0.2	0.2	0.3	0.024
C40-C41	Bone	321	1.1	0.2	0.3	0.9	1.3	1.0	0.4	0.5	0.5	0.7	0.9	1.2	1.4	1.2	2.3	1.5	1.1	0.8	0.8	0.9	0.071
C43	Melanoma of Skin	144	0.5	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.2	0.4	0.8	0.8	2.1	2.1	1.9	2.0	0.4	0.4	0.6	0.043
C44	Skin - others	447	1.5	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.4	0.9	1.5	2.6	3.4	3.7	5.6	6.0	7.6	1.1	1.1	1.9	0.125
C45	Mesothelioma	21	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.3	0.1	0.1	0.1	0.1	0.007
C46	Kaposi Sarcoma	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	359	1.2	0.6	0.3	0.2	0.5	0.3	0.5	0.6	1.0	0.8	1.5	1.3	1.8	2.6	3.1	2.5	2.8	0.9	0.9	1.4	0.087
C50	Breast	141	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.8	1.3	1.4	1.3	2.3	2.4	0.4	0.3	0.6	0.040
C60	Penis	514	1.8	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.3	2.4	3.1	4.5	4.5	6.4	5.5	6.8	1.3	1.2	2.5	0.143
C61	Prostate	1166	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.7	2.3	4.9	8.1	23.0	29.7	49.9	3.0	3.0	2.2	0.344
C62	Testis	185	0.6	0.2	0.0	0.1	0.2	0.5	0.8	0.9	0.6	0.7	0.4	0.4	0.7	0.7	0.5	0.6	0.1	0.5	0.4	0.6	0.037
C63	Oth Male Genital	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.003
C64	Kidney	410	1.4	0.4	0.3	0.1	0.0	0.2	0.1	0.2	0.6	0.9	1.1	2.7	3.3	4.4	5.4	3.6	3.4	1.1	1.0	1.9	0.116
C65	Renal Pelvis	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.001
C66	Ureter	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.002
C67	Bladder	636	2.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.6	0.8	2.4	4.1	6.5	10.2	10.7	20.0	1.6	1.6	2.1	0.179
C68	Urethra	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.002
C69	Eye And Adnexa	33	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.007
C70-C72	Brain & CNS	693	2.4	1.0	1.5	0.7	0.6	0.7	1.0	1.3	1.7	2.0	2.7	3.3	3.8	3.9	4.9	3.9	2.1	1.8	1.7	2.8	0.165
C73	Thyroid	384	1.3	0.0	0.0	0.1	0.1	0.5	0.5	0.9	0.9	1.1	1.3	1.9	2.2	2.9	3.4	3.4	3.7	1.0	0.9	1.6	0.096
C74	Adrenal Gland etc.,	44	0.2	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.008
C75	Endocrine Glands	24	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.006
C81	Hodgkin Disease	279	1.0	0.1	0.7	0.6	0.7	0.8	0.7	0.4	1.0	0.7	0.6	1.2	0.9	0.9	0.9	0.6	0.8	0.7	0.7	0.9	0.055
C82-86,96	Non-Hodg Lymphoma	893	3.1	0.8	0.8	0.5	1.0	0.8	1.0	0.7	1.8	2.0	2.8	4.0	5.0	6.8	9.7	10.5	7.5	2.3	2.2	3.4	0.242
C90	Multiple Myeloma	360	1.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.4	0.7	1.1	1.7	3.6	3.5	6.4	3.4	5.4	0.9	0.9	1.6	0.104
C91	Lymphoid Leukaemia	560	1.9	4.3	2.7	1.9	1.7	0.8	0.6	0.5	0.4	0.7	0.7	0.5	1.2	2.4	1.9	2.4	2.9	1.4	1.7	0.9	0.114
C92-C94	Myeloid Leukaemia	654	2.3	0.7	0.1	0.7	1.3	1.3	1.5	1.4	1.9	1.9	2.0	2.5	3.0	3.6	4.2	3.1	3.2	1.7	1.6	2.4	0.147
C95	Unspeci. Leukaemia	86	0.3	0.3	0.2	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.4	0.9	0.4	0.6	0.2	0.2	0.2	0.020
Oth & Unsp	Others & Unspecified	88	0.3	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.1	0.1	0.4	0.4	0.7	0.6	1.5	0.6	0.9	0.2	0.2	0.4	0.024
C76-80	Primary Uncertain	2521	8.7	0.1	0.2	0.1	0.3	0.8	1.1	1.5	2.8	4.0	6.8	12.1	19.4	21.8	35.2	34.8	50.6	6.5	6.2	9.9	0.705
TOTAL		28971	100.0	10.5	7.8	6.7	9.1	10.6	12.7	20.7	35.5	54.0	89.9	151.7	210.9	269.6	394.2	363.6	390.8	74.4	71.0	121.2	7.907

Female, Tamil Nadu, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	65	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.6	0.4	0.7	1.2	1.2	0.2	0.2	0.2	0.018
C01-C02	Tongue	560	1.5	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.9	1.6	2.1	4.2	4.6	5.3	6.8	4.2	3.7	1.4	1.3	2.8	0.152
C03-C06	Mouth	1359	3.7	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.9	2.6	5.4	9.0	11.5	13.5	16.8	15.9	14.6	3.5	3.2	6.4	0.383
C07-C08	Salivary Gland	151	0.4	0.0	0.0	0.1	0.1	0.2	0.3	0.2	0.2	0.4	0.6	0.7	1.2	1.7	1.0	0.7	0.4	0.4	0.3	0.7	0.036
C09-C10	Oropharynx	140	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.6	0.6	1.1	1.7	1.2	1.7	1.9	0.4	0.3	0.6	0.037
C11	Nasopharynx	82	0.2	0.0	0.0	0.1	0.3	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.7	0.2	0.5	0.6	0.2	0.2	0.3	0.018
C12-C13	Hypopharynx	467	1.3	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.2	1.7	2.4	2.7	4.4	3.8	3.5	3.8	2.3	1.2	1.1	2.5	0.121
C14	Pharynx unsp	40	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.4	0.3	0.2	0.6	0.1	0.1	0.2	0.010
C15	Oesophagus	877	2.4	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.2	2.0	4.0	4.7	7.0	7.9	9.5	9.9	9.7	2.2	2.0	4.1	0.236
C16	Stomach	1270	3.5	0.0	0.0	0.0	0.1	0.2	0.7	1.2	2.4	3.3	6.4	8.3	9.1	10.6	14.0	11.7	8.3	3.3	2.9	6.2	0.339
C17	Small Intestine	62	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.3	0.5	0.3	0.7	0.9	0.4	0.4	0.2	0.1	0.3	0.017
C18	Colon	596	1.6	0.0	0.0	0.0	0.1	0.2	0.2	0.7	1.0	1.3	1.9	3.5	4.3	6.2	7.4	5.5	5.8	1.5	1.4	2.7	0.161
C19-C20	Rectum	766	2.1	0.0	0.0	0.0	0.0	0.3	0.4	1.0	1.4	1.6	3.2	5.3	5.7	6.5	8.9	7.2	5.1	2.0	1.8	3.6	0.207
C21	Anus & Anal canal	124	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.3	0.4	0.8	0.7	0.9	1.9	1.6	1.5	0.3	0.3	0.5	0.035
C22	Liver etc.,	279	0.8	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.4	0.5	1.0	1.0	2.2	3.1	3.6	3.2	2.4	0.7	0.7	1.2	0.079
C23-C24	Gall Bladder etc.	347	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.3	1.9	3.1	2.8	4.7	3.9	3.2	0.9	0.8	1.6	0.098
C25	Pancreas	225	0.6	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.6	1.0	0.9	1.9	2.2	2.2	2.0	2.5	0.6	0.5	1.0	0.058
C26	Other G.I Tract	21	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.2	0.1	0.0	0.1	0.0	0.1	0.006
C30-C31	Nasal Cavity etc.	111	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.8	1.0	1.2	1.1	0.4	0.3	0.3	0.5	0.029
C32	Larynx	188	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.3	0.5	0.7	1.0	1.2	1.9	2.4	1.3	1.5	0.5	0.4	0.9	0.049
C33-C34	Lung	936	2.6	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.9	1.9	4.2	5.3	8.0	10.3	10.7	10.3	8.0	2.4	2.2	4.6	0.263
C37-C39	Oth Respiratory syst	65	0.2	0.0	0.2	0.0	0.0	0.1	0.1	0.0	0.2	0.1	0.1	0.2	0.5	0.4	1.1	0.6	0.6	0.2	0.2	0.2	0.018
C40-C41	Bone	211	0.6	0.2	0.2	0.7	0.8	0.4	0.4	0.4	0.5	0.3	0.5	1.0	0.9	1.2	0.8	0.2	1.0	0.5	0.5	0.7	0.043
C43	Melanoma of Skin	99	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.3	0.6	0.6	1.0	0.9	1.6	1.0	0.3	0.2	0.4	0.028
C44	Skin - others	366	1.0	0.0	0.0	0.1	0.2	0.1	0.1	0.4	0.7	0.6	1.2	1.5	2.2	3.3	4.3	4.8	5.6	0.9	0.8	1.4	0.097
C45	Mesothelioma	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.002
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	280	0.8	0.4	0.1	0.3	0.3	0.4	0.4	0.5	0.8	0.9	1.4	1.5	1.3	1.0	1.5	1.2	1.5	0.7	0.7	1.1	0.061
C50	Breast	9625	26.3	0.0	0.0	0.0	0.3	0.8	3.0	8.9	20.7	38.7	57.1	72.9	79.4	70.6	74.9	52.3	46.7	24.7	21.7	53.7	2.369
C51	Vulva	152	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.4	1.3	1.3	2.2	2.3	3.0	0.4	0.4	0.6	0.042
C52	Vagina	240	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.9	1.6	2.5	2.5	2.9	3.0	1.9	0.6	0.6	1.2	0.070
C53	Cervix	7545	20.6	0.0	0.0	0.0	0.0	0.3	0.8	3.4	11.2	27.2	46.6	52.7	65.0	66.9	71.4	56.4	34.8	19.4	17.3	42.0	1.989
C54	Corpus Uteri	1232	3.4	0.0	0.0	0.0	0.1	0.1	0.1	0.7	1.2	2.5	4.3	8.8	12.2	14.3	16.9	10.8	6.1	3.2	2.9	6.4	0.358
C55	Uterus unsp.	106	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	1.0	0.6	0.7	1.0	0.4	0.6	0.3	0.2	0.6	0.026
C56	Ovary	1940	5.3	0.2	0.2	0.3	0.7	0.9	1.1	1.6	3.0	6.6	10.9	12.6	16.1	15.6	16.0	13.4	8.9	5.0	4.5	10.1	0.496
C57	Oth female Genital	38	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.1	0.3	0.2	0.4	0.1	0.1	0.1	0.1	0.2	0.009
C58	Placenta	17	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.003
C64	Kidney	184	0.5	0.4	0.1	0.0	0.1	0.0	0.2	0.1	0.1	0.5	0.9	0.7	1.2	1.7	1.7	1.7	1.5	0.5	0.5	0.8	0.047
C65	Renal Pelvis	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.001
C66	Ureter	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.001
C67	Bladder	211	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.5	1.3	1.6	2.2	3.5	2.7	3.2	0.5	0.5	0.9	0.062
C68	Urethra	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.003
C69	Eye And Adnexa	28	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.006
C70-C72	Brain & CNS	518	1.4	0.8	0.9	0.8	0.6	0.3	0.9	1.1	1.5	1.6	2.3	2.0	2.6	3.3	2.9	1.3	1.1	1.3	1.3	2.1	0.114
C73	Thyroid	1125	3.1	0.0	0.1	0.1	0.6	1.6	2.5	4.4	4.0	4.0	5.0	4.2	5.3	4.5	8.1	4.7	4.1	2.9	2.5	4.5	0.246
C74	Adrenal Gland etc.,	49	0.1	0.9	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.2	0.4	0.1	0.1	0.2	0.1	0.011
C75	Endocrine Glands	16	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.004
C81	Hodgkin Disease	144	0.4	0.1	0.1	0.2	0.4	0.4	0.4	0.4	0.3	0.4	0.2	0.7	0.6	0.6	1.0	0.2	0.4	0.4	0.3	0.5	0.030
C82-86,96	Non-Hodg Lymphoma	564	1.5	0.3	0.4	0.4	0.4	0.5	0.4	0.7	1.2	1.5	2.3	2.8	3.8	3.7	4.7	4.2	4.7	1.4	1.3	2.4	0.136
C90	Multiple Myeloma	226	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	1.0	1.6	2.1	2.5	2.7	2.3	2.1	0.6	0.5	1.1	0.064
C91	Lymphoid Leukaemia	306	0.8	2.7	1.5	1.3	0.8	0.5	0.2	0.3	0.3	0.4	0.3	0.8	1.1	0.7	1.0	0.8	0.6	0.8	1.0	0.6	0.063
C92-C94	Myeloid Leukaemia	495	1.4	0.5	0.4	0.6	0.8	0.7	0.7	1.2	1.3	1.7	2.6	2.3	2.3	1.9	1.7	2.4	1.5	1.3	1.2	2.0	0.106
C95	Unspeci. Leukaemia	52	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.2	0.1	0.2	0.3	0.2	0.2	0.1	0.2	0.2	0.3	0.1	0.1	0.2	0.011
Oth & Unsp	Others & Unspecified	96	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.3	0.4	0.6	0.7	1.0	0.9	1.1	0.7	0.2	0.2	0.5	0.026
C76-80	Primary Uncertain	2000	5.5	0.2	0.2	0.3	0.4	0.6	0.8	1.2	2.5	4.4	7.5	10.9	14.1	15.6	23.0	24.0	29.4	5.1	4.6	8.4	0.528
TOTAL		36619	100.0	7.6	5.1	5.8	7.7	10.1	16.4	33.3	63.0	114.7	185.2	235.4	287.3	298.8	344.4	280.1	236.2	93.9	84.4	183.9	9.040

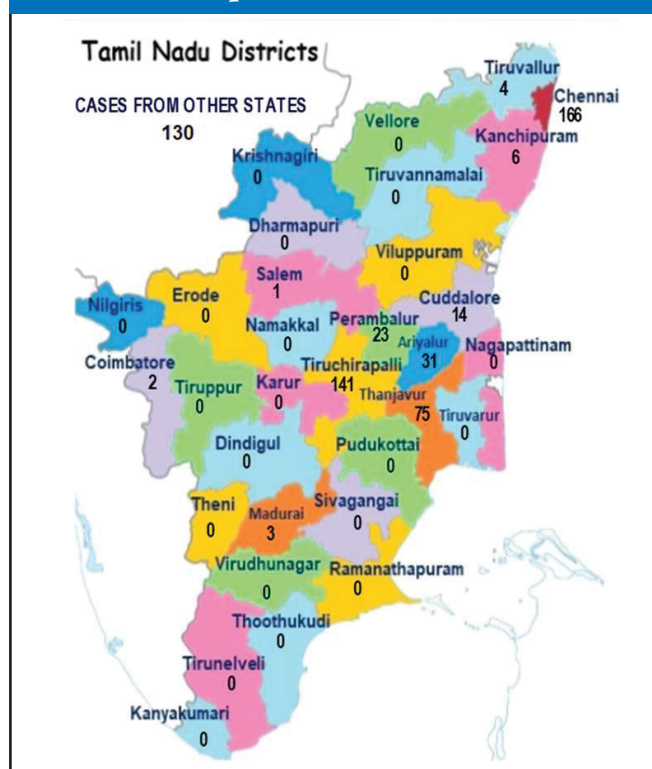
Residence District: Ariyalur

	Number of New cases by year of diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	199	220	224	263	239	266	278	291	303
FEMALE	282	288	309	345	357	378	399	420	440
TOTAL	481	508	533	608	596	644	677	711	743

Year - 2016

New Cases - 596

No. of Cases Reported from the Source District



No. of Cases by Major Sources

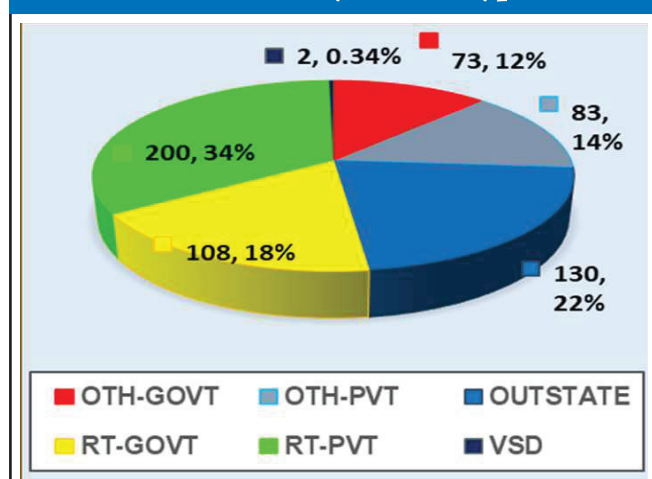
SOURCE NAME	DISTRICT	No.
JIPMER	Pondicherry	117
Cancer Institute (WIA) - Adyar	Chennai	82
GVN Hosp. Singarathoppu	Tiruchirapalli	68
Govt. Thanjavur Med. Coll. Hos	Thanjavur	45
Rajiv Gandhi Govt. General Hos	Chennai	37
Dr. G Viswanathan Speciality H	Tiruchirapalli	24
Dhanalakshmi Srinivasan Med. C	Perambalur	21
GH Jayankondam	Ariyalur	20
Govt. Raja Mirasudhar Hosp.	Thanjavur	16
Trichy SRM Med. Coll. Hosp. &	Tiruchirapalli	13
Kauvery Med. Cent. & HCG Cance	Tiruchirapalli	13
Govt. District Hqtrs. Hosp.	Ariyalur	12
Govt. Royapettah Hosp.	Chennai	11
Mahatma Gandhi Med. Coll. & Ho	Pondicherry	10
Harshamitra Hosp.	Tiruchirapalli	9
Meenakshi Hosp. Dr. APJ Abdul	Thanjavur	7
Tamilnadu Govt Multi Super Spe	Chennai	6
Dr. G Viswanathan CBCC Cancer	Tiruchirapalli	6
Thanjavur Cancer Centre	Thanjavur	5
KAP Viswanathan Govt.Med.Coll.	Tiruchirapalli	5

As per 2011 census

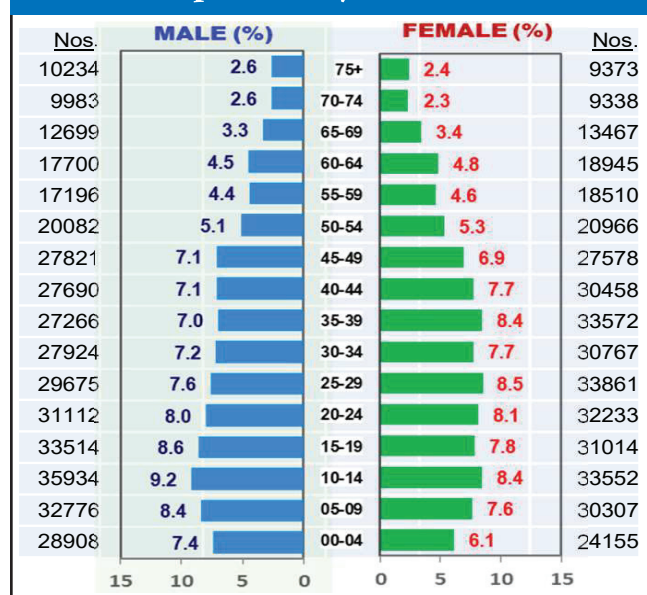
AREA (km²) : 1934

URBAN - RURAL (Ratio) 1 : 8.01

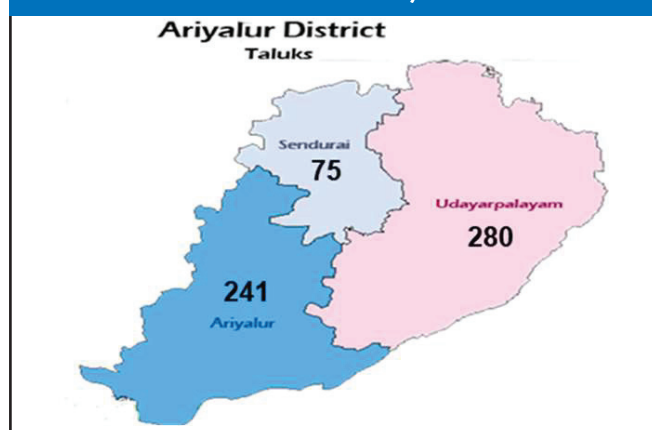
No. of Cases by Source Type



Population Pyramid 2016



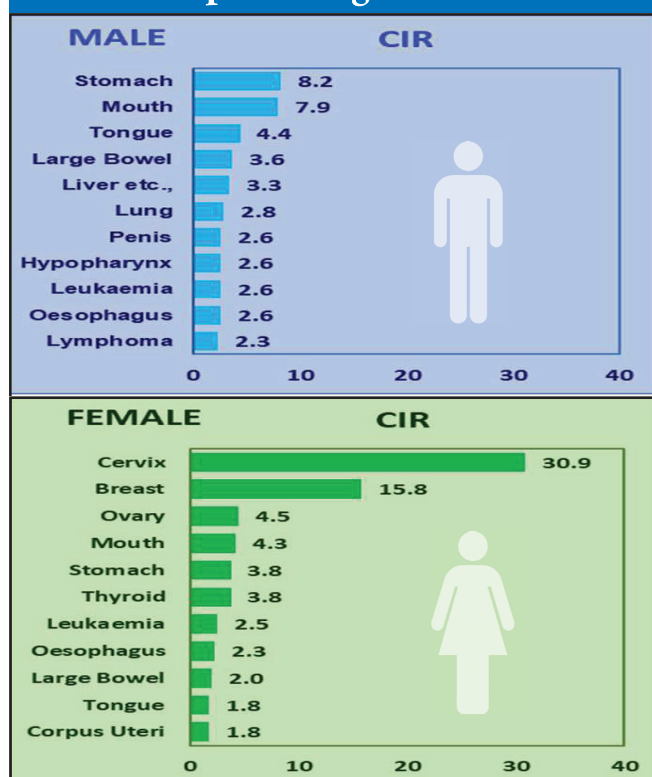
No. of New Cases by Taluks



Cancer Incidence Statistics

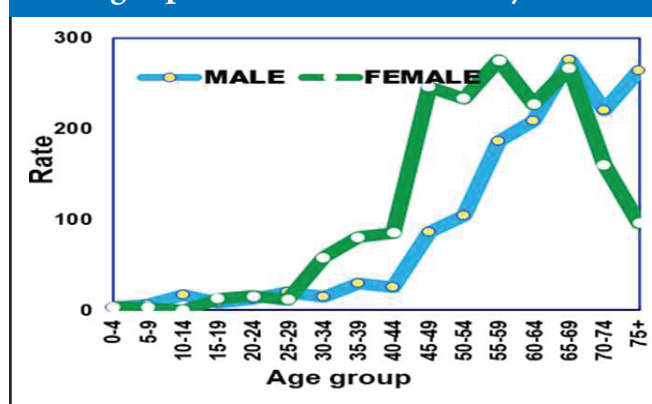
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	239	357	596
%	40.1	59.9	100.0
CIR	61.2	89.7	75.6
CR% (0-74 YEARS)	5.914	8.069	7.040
ASR	54.3	77.4	66.3

Top Ranking Cancers



A total of 596 new cancers, diagnosed in year 2016, were registered among 7.9 lakh population with a female preponderance (1:1.49). More than one-fourth of cases were registered from hospitals in Chennai city followed by those located in Tiruchirapalli district (23.7%) and from outside the state (21.8%). A majority were first diagnosed and/or registered at JIPMER, Pondichery (19.6%) followed by the Cancer Institute (W.I.A), Chennai (13.8%) and GVN Hospital Singarathope, Tiruchirapalli (11.4%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (34%); cases registered based on a death certificate only comprised <1%. The average annual CIR per 100,000 population for all cancers together was higher among women (89.7) than men (61.2). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 14. The most common cancers were as follows: Among men, the order was stomach (CIR:8.2), mouth (7.9) and tongue (4.4); among women, cervix (30.9), breast (15.8) and ovary (4.5). The new cancer burden was estimated as 743 in year 2020.

Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	9	9.2	2	2.3
15-34	17	13.9	31	24.2
35-64	129	93.6	264	176.0
65+	84	255.2	60	186.5

CIR, ASR, other rates are per 1,00,000 population

Male, Ariyalur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.5	0.5	0.7	0.058
C01-C02	Tongue	17	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	5.0	17.5	11.3	39.4	10.0	9.8	4.4	3.8	7.3	0.487
C03-C06	Mouth	31	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	14.9	34.9	28.3	39.4	40.1	19.5	7.9	6.9	14.7	0.894
C07-C08	Salivary Gland	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C09-C10	Oropharynx	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.029
C11	Nasopharynx	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.025
C12-C13	Hypopharynx	10	4.2	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	3.6	3.6	5.0	11.6	0.0	15.8	10.0	9.8	2.6	2.3	3.7	0.265
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	10	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	5.8	11.3	7.9	10.0	29.3	2.6	2.1	3.6	0.211
C16	Stomach	32	13.4	0.0	0.0	0.0	0.0	0.0	3.4	0.0	7.3	0.0	10.8	14.9	23.3	28.3	63.0	30.1	29.3	8.2	7.2	12.6	0.901
C17	Small Intestine	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.3	0.2	0.0	0.000
C18	Colon	3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	5.8	5.7	0.0	0.0	0.0	0.8	0.7	2.2	0.075
C19-C20	Rectum	11	4.6	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	3.6	10.0	11.6	0.0	7.9	0.0	29.3	2.8	2.4	3.8	0.201
C21	Anus & Anal canal	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.3	0.2	0.7	0.028
C22	Liver etc.,	13	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	5.0	17.5	11.3	7.9	30.1	19.5	3.3	2.8	5.2	0.375
C23-C24	Gall Bladder etc.	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.025
C25	Pancreas	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.3	0.2	0.0	0.050
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.3	0.2	0.0	0.050
C32	Larynx	5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.8	0.0	15.8	0.0	9.8	1.3	1.2	1.6	0.133
C33-C34	Lung	11	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	17.5	22.6	7.9	10.0	0.0	2.8	2.5	6.8	0.339
C37-C39	Oth Respiratory syst	2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.8	0.043
C40-C41	Bone	2	0.8	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.028
C43	Melanoma of Skin	2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	9.8	0.5	0.4	0.8	0.029
C44	Skin - others	6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	10.8	0.0	0.0	5.7	0.0	0.0	9.8	1.5	1.3	2.8	0.100
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.6	0.0	5.8	11.3	0.0	0.0	0.0	1.3	1.1	3.6	0.122
C50	Breast	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.025
C60	Penis	10	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.6	0.0	0.0	11.6	11.3	7.9	10.0	19.5	2.6	2.2	4.4	0.241
C61	Prostate	7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	7.9	20.0	29.3	1.8	1.4	0.7	0.168
C62	Testis	3	1.3	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.8	0.7	1.5	0.073
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.5	0.5	1.5	0.057
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	9.8	0.5	0.4	0.0	0.050
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	8	3.3	0.0	0.0	0.0	3.0	3.2	6.7	0.0	0.0	0.0	3.6	5.0	0.0	0.0	15.8	0.0	0.0	2.0	2.0	1.5	0.186
C73	Thyroid	5	2.1	0.0	0.0	0.0	0.0	3.2	0.0	0.0	7.3	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	1.3	1.1	2.9	0.109
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	5	2.1	0.0	0.0	2.8	0.0	0.0	0.0	0.0	3.7	3.6	3.6	0.0	0.0	5.7	0.0	0.0	0.0	1.3	1.1	2.8	0.097
C82-86,96	Non-Hodg Lymphoma	4	1.7	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	5.7	0.0	10.0	0.0	1.0	0.9	1.5	0.118
C90	Multiple Myeloma	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.3	0.2	0.0	0.050
C91	Lymphoid Leukaemia	7	2.9	0.0	6.1	5.6	3.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	1.8	1.9	0.7	0.118
C92-C94	Myeloid Leukaemia	3	1.3	3.5	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.8	0.9	0.8	0.063
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.5	0.5	0.7	0.057
C76-80	Primary Uncertain	10	4.2	0.0	0.0	2.8	0.0	3.2	0.0	0.0	3.7	0.0	3.6	5.0	0.0	0.0	23.6	0.0	19.5	2.6	2.3	2.2	0.210
TOTAL		239	100.0	3.5	6.1	16.7	9.0	12.9	20.2	14.3	29.3	25.3	86.3	104.6	186.1	209.1	275.6	220.4	263.8	61.2	54.3	95.1	5.914

Female, Ariyalur, 2016

**No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)**

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.7	0.018
C01-C02	Tongue	7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	9.5	0.0	5.3	22.3	0.0	0.0	1.8	1.6	2.9	0.204
C03-C06	Mouth	17	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	18.1	14.3	5.4	37.0	0.0	0.0	0.0	4.3	3.7	11.9	0.388
C07-C08	Salivary Gland	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.016
C09-C10	Oropharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C11	Nasopharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C12-C13	Hypopharynx	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	5.4	5.3	0.0	0.0	0.0	0.8	0.7	2.1	0.077
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	9.9	0.0	0.0	10.8	10.6	7.4	0.0	0.0	2.3	1.8	5.2	0.208
C16	Stomach	15	4.2	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	14.5	9.5	10.8	10.6	22.3	0.0	0.0	3.8	3.3	7.1	0.367
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.3	0.2	0.7	0.026
C19-C20	Rectum	7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.3	3.6	0.0	0.0	5.3	7.4	10.7	0.0	1.8	1.4	3.2	0.181
C21	Anus & Anal canal	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.6	0.016
C22	Liver etc.,	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.5	0.4	0.6	0.054
C23-C24	Gall Bladder etc.	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.3	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.8	0.6	1.9	0.058
C25	Pancreas	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	3.6	0.0	0.0	5.3	0.0	0.0	0.0	0.8	0.6	2.0	0.059
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	2	0.6	0.0	0.0	0.0	0.0	0.0	3.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.031
C32	Larynx	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	5.4	0.0	0.0	0.0	0.0	0.5	0.5	1.5	0.051
C33-C34	Lung	5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	4.8	5.4	0.0	7.4	10.7	0.0	1.3	1.1	2.2	0.160
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	1	0.3	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.016
C43	Melanoma of Skin	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C44	Skin - others	6	1.7	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	3.6	4.8	5.4	5.3	0.0	10.7	0.0	1.5	1.4	2.8	0.165
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	1	0.3	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.016
C50	Breast	63	17.6	0.0	0.0	0.0	0.0	0.0	0.0	16.3	14.9	9.9	58.0	57.2	48.6	26.4	22.3	32.1	21.3	15.8	13.5	34.9	1.418
C51	Vulva	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	0.0	0.5	0.4	0.0	0.107
C52	Vagina	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C53	Cervix	123	34.5	0.0	0.0	0.0	0.0	0.0	0.0	6.5	26.8	29.6	90.7	66.8	129.7	63.3	133.7	53.6	53.4	30.9	26.4	64.1	2.958
C54	Corpus Uteri	7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.3	7.3	0.0	5.4	10.6	0.0	0.0	0.0	1.8	1.4	4.7	0.147
C55	Uterus unsp.	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.3	0.2	0.7	0.026
C56	Ovary	18	5.0	0.0	0.0	0.0	3.2	3.1	0.0	0.0	3.0	6.6	21.8	19.1	0.0	5.3	7.4	0.0	10.7	4.5	4.0	9.8	0.346
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.3	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.016
C64	Kidney	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	5.4	0.0	0.0	0.0	0.0	0.5	0.5	1.5	0.051
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	7.4	0.0	0.0	0.5	0.4	0.7	0.064
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	5	1.4	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	3.6	0.0	5.4	5.3	7.4	0.0	0.0	1.3	1.2	2.1	0.125
C73	Thyroid	15	4.2	0.0	0.0	0.0	0.0	0.0	0.0	19.5	3.0	3.3	7.3	4.8	5.4	15.8	0.0	0.0	0.0	3.8	3.1	6.1	0.295
C74	Adrenal Gland etc.,	1	0.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.021
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.3	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.016
C82-86,96	Non-Hodg Lymphoma	5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.3	3.6	4.8	0.0	5.3	0.0	0.0	0.0	1.3	1.0	3.4	0.100
C90	Multiple Myeloma	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.024
C91	Lymphoid Leukaemia	5	1.4	0.0	3.3	0.0	0.0	3.1	0.0	3.3	3.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	1.3	1.2	1.3	0.087
C92-C94	Myeloid Leukaemia	4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	3.3	0.0	4.8	0.0	0.0	0.0	10.7	0.0	1.0	0.8	1.4	0.110
C95	Unspeci. Leukaemia	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.6	0.015
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	13	3.6	0.0	0.0	0.0	0.0	0.0	3.0	3.3	3.0	3.3	0.0	9.5	16.2	0.0	14.9	10.7	10.7	3.3	2.8	4.8	0.318
TOTAL		357	100.0	4.1	3.3	0.0	12.9	15.5	11.8	58.5	80.4	85.4	246.6	233.7	275.6	227.0	267.4	160.7	96.0	89.7	77.4	182.4	8.069

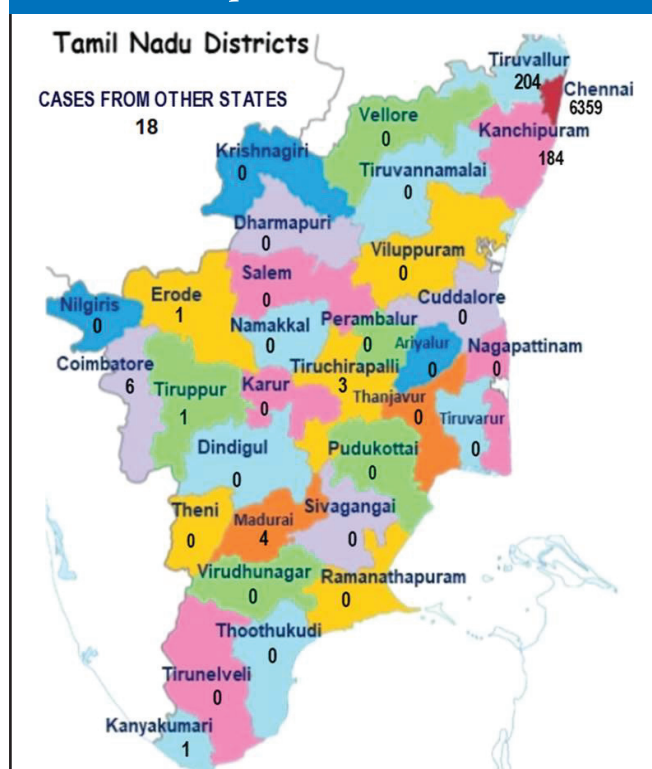
Residence District: Chennai

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	2765	2753	2983	3012	3097	3199	3291	3384	3476
FEMALE	3043	3267	3452	3540	3684	3864	4019	4175	4330
TOTAL	5808	6020	6435	6552	6781	7063	7310	7559	7806

Year - 2016

New Cases - 6781

No. of Cases Reported from the Source District



No. of Cases by Major Sources

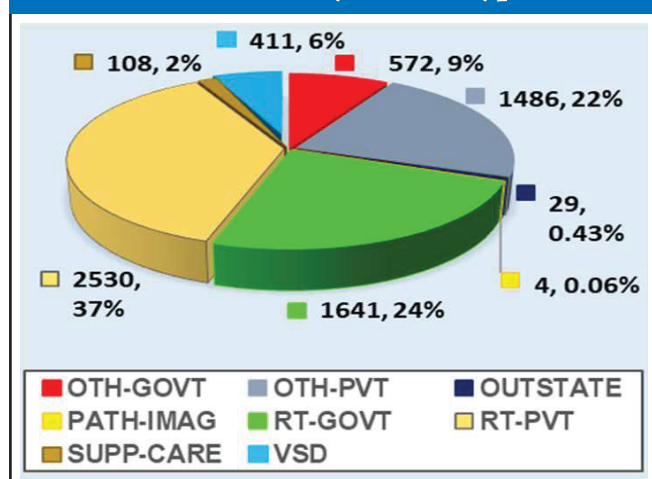
SOURCE NAME	DISTRICT	No.
Cancer Institute (WIA) - Adyar	Chennai	1264
Rajiv Gandhi Govt. General Hos	Chennai	757
Apollo Hosp. Greams Road	Chennai	487
Corporation of Chennai	Chennai	411
Govt. Royapettah Hosp.	Chennai	386
Govt. Stanley Med. Coll.	Chennai	384
V S Hospitals Advanced Cancer	Chennai	286
Tamilnadu Govt Multi Super Spe	Chennai	226
Billroth Hosp. - Shenoy Nagar	Chennai	169
Madras Cancer Care Foundation	Chennai	169
SIMS Hosp. - Vadapalani	Chennai	156
Sri Ramachandara Med. & Res.	Tiruvallur	144
Chennai Breast Centre - MRC N	Chennai	123
Govt. Hosp. for Women & Chil	Chennai	114
Dr Rai Memorial Med. Centre -	Chennai	105
St.Isabels Hosp. - Mylapore	Chennai	85
Cauvery HCG Cancer Center -	Chennai	85
Vijaya Group of Hosp. - Vada	Chennai	83
Sundaram Med. Foundation Dr	Chennai	63
Lakshmi Sundaravadanan Hosp.	Chennai	59

As per 2011 census

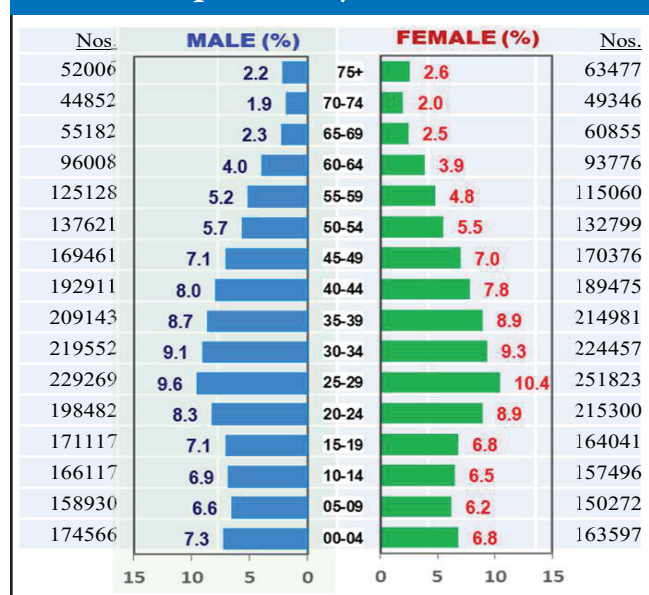
AREA (km²) : 175

URBAN - RURAL (Ratio) 1 : 0

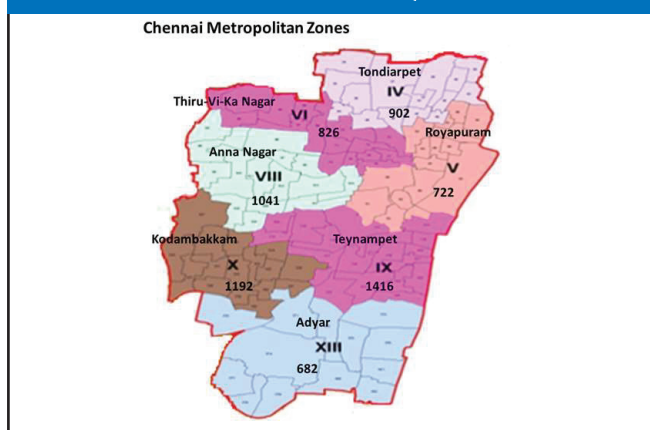
No. of Cases by Source Type



Population Pyramid 2016



No. of New Cases by Zones

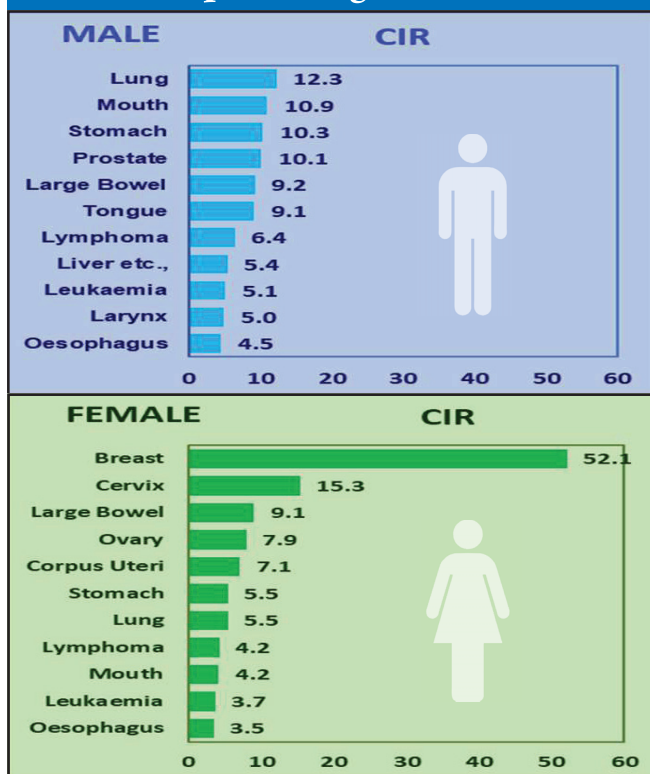


Cancer Incidence Statistics

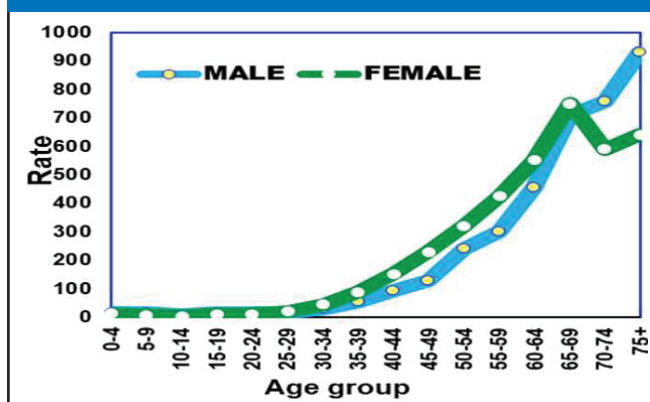
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	3097	3684	6781
%	45.7	54.3	100.0
CIR	129.0	152.4	140.8
CR% (0-74 YEARS)	13.315	14.852	14.059
ASR	123.9	139.1	131.0

A total of 6,781 new cancers, diagnosed in year 2016, were registered among 4.8 million population residing within the metropolitan limits (as per 2011 census) with a female (3,684) preponderance (1:1.19). Most cases were registered from hospitals located within Chennai city (93.8%) followed by hospitals in Tiruvallur (3%) and Kanchipuram (2.7%) districts. A majority were first diagnosed and/or registered for TNCRP at the Cancer Institute (W.I.A) (18.6%) followed by Rajiv Gandhi Government General Hospital (10.9%) and Apollo Hospitals (7.2%) in Chennai. All hospitals with radiotherapy facility in non-government sector together accounted for most cases (37%); cases registered based on a death certificate only were 6%. The average annual CIR per 100,000 population for all cancers and both sexes together (140.8) was the highest in Tamil Nadu; CIR was higher among women (152.4) than men (129.0). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 7. The number of cases of all cancers together were the highest in 35-64 years age-group (58.3%) while the peak incidence rate was observed in 65-69 years among women and 75+ among men. The most common cancer among men were lung (CIR:12.3), mouth (10.9) and stomach (10.3); among women, breast (52.1) occupied the top rank and was the second highest among Indian registries. Cancers of the cervix (15.3) and large bowel (9.1) were the next in order. The new cancer burden was estimated as 7,806 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	68	13.6	39	8.3
15-34	159	19.4	191	22.3
35-64	1655	177.9	2300	251.0
65+	1215	799.1	1154	664.4

CIR, ASR, other rates are per 1,00,000 population

Male, Chennai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	13	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.5	0.5	0.6	0.7	1.6	5.2	0.0	0.0	0.0	0.5	0.5	1.3	0.050
C01-C02	Tongue	218	7.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	10.0	13.0	15.3	18.9	21.6	33.3	36.3	26.8	38.5	9.1	8.1	17.6	0.893
C03-C06	Mouth	262	8.5	0.0	0.0	0.0	0.6	1.0	0.4	6.8	13.4	17.6	17.7	24.0	24.8	31.2	52.6	31.2	26.9	10.9	9.7	20.5	1.104
C07-C08	Salivary Gland	21	0.7	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.5	0.5	0.6	0.7	1.6	6.3	3.6	2.2	5.8	0.9	0.8	1.4	0.087
C09-C10	Oropharynx	59	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.5	8.0	8.0	14.6	10.9	11.1	7.7	2.5	2.3	5.2	0.289
C11	Nasopharynx	15	0.5	0.0	0.0	0.0	1.2	0.5	0.4	0.0	0.0	0.0	1.2	2.2	0.8	4.2	0.0	2.2	0.0	0.6	0.6	1.2	0.063
C12-C13	Hypopharynx	89	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.6	1.8	7.3	13.6	14.6	25.4	17.8	30.8	3.7	3.5	5.6	0.419
C14	Pharynx unsp	12	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	2.9	0.8	0.0	1.8	4.5	5.8	0.5	0.5	0.7	0.052
C15	Oesophagus	109	3.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.0	2.1	1.2	3.6	10.4	26.0	30.8	35.7	38.5	4.5	4.4	6.1	0.563
C16	Stomach	248	8.0	0.0	0.0	0.0	0.0	0.5	0.4	2.3	2.4	8.8	8.3	26.9	27.2	41.7	59.8	62.4	63.5	10.3	9.8	17.0	1.196
C17	Small Intestine	14	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	1.6	0.0	2.2	0.8	1.0	0.0	4.5	3.8	0.6	0.5	1.0	0.055
C18	Colon	97	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	2.1	4.7	8.0	8.8	15.6	23.6	35.7	32.7	4.0	3.9	5.8	0.496
C19-C20	Rectum	125	4.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	2.9	4.1	7.7	12.4	9.6	21.9	25.4	26.8	36.5	5.2	4.9	8.9	0.559
C21	Anus & Anal canal	12	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.0	0.0	2.4	0.7	0.8	1.0	0.0	2.2	1.9	0.5	0.4	1.0	0.043
C22	Liver etc.,	129	4.2	0.0	0.6	0.0	0.0	0.0	0.0	0.5	1.9	2.6	4.1	8.0	12.8	19.8	41.7	49.1	38.5	5.4	5.3	7.2	0.703
C23-C24	Gall Bladder etc.	44	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.6	2.4	4.4	5.6	9.4	9.1	4.5	9.6	1.8	1.7	3.7	0.191
C25	Pancreas	70	2.3	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.5	1.6	4.1	5.1	7.2	13.5	16.3	15.6	25.0	2.9	2.8	4.7	0.321
C26	Other G.I Tract	3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	1.9	0.1	0.1	0.2	0.006
C30-C31	Nasal Cavity etc.	11	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.2	2.2	0.8	1.0	0.0	0.0	5.8	0.5	0.4	0.8	0.028
C32	Larynx	119	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.6	4.7	11.6	15.2	27.1	21.8	29.0	40.4	5.0	4.7	8.6	0.555
C33-C34	Lung	294	9.5	0.0	0.6	0.0	0.0	0.5	0.0	2.3	1.4	2.1	7.7	20.4	44.0	46.9	94.2	102.6	78.8	12.3	12.0	17.2	1.600
C37-C39	Oth Respiratory syst	6	0.2	0.0	0.0	0.0	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.8	2.2	0.0	0.3	0.3	0.1	0.033
C40-C41	Bone	22	0.7	0.0	0.6	1.2	1.2	1.0	0.0	0.9	0.5	1.0	2.4	2.2	0.0	0.0	5.4	0.0	0.0	0.9	0.9	1.1	0.082
C43	Melanoma of Skin	13	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.2	1.6	2.1	5.4	0.0	1.9	0.5	0.5	1.1	0.062
C44	Skin - others	27	0.9	0.0	0.0	0.6	0.6	0.0	0.0	0.0	1.9	1.0	0.6	2.2	2.4	2.1	5.4	8.9	5.8	1.1	1.1	1.6	0.129
C45	Mesothelioma	6	0.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.5	0.0	0.0	0.0	0.8	0.0	1.8	2.2	0.0	0.3	0.2	0.2	0.032
C46	Kaposi Sarcoma	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.003
C47, C49	Soft Tissue etc.,	31	1.0	1.1	0.0	0.6	1.8	0.0	0.9	0.9	1.0	1.6	1.8	0.7	0.8	4.2	1.8	4.5	7.7	1.3	1.3	1.6	0.108
C50	Breast	15	0.5	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.8	0.7	2.4	1.0	0.0	6.7	5.8	0.6	0.6	0.9	0.065
C60	Penis	26	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.6	1.8	3.6	1.6	3.1	3.6	8.9	5.8	1.1	1.0	1.9	0.124
C61	Prostate	243	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.2	7.3	12.8	19.8	72.5	95.9	215.4	10.1	10.2	5.7	1.044
C62	Testis	15	0.5	0.0	0.0	0.6	0.6	0.5	0.4	0.9	0.0	2.6	0.6	0.0	0.8	1.0	1.8	0.0	0.0	0.6	0.6	0.9	0.049
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	52	1.7	0.6	1.3	0.0	0.0	0.0	0.0	1.4	0.5	1.6	1.8	9.4	4.8	8.3	1.8	15.6	7.7	2.2	2.0	4.0	0.235
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.004
C67	Bladder	79	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.2	5.6	8.3	27.2	29.0	57.7	3.3	3.3	2.5	0.369
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	5	0.2	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.015
C70-C72	Brain & CNS	78	2.5	0.0	2.5	2.4	0.0	0.0	2.2	1.4	1.0	2.6	1.8	5.8	9.6	14.6	16.3	13.4	5.8	3.2	3.2	5.1	0.366
C73	Thyroid	32	1.0	0.0	0.6	0.0	0.0	1.0	0.0	0.9	0.5	2.1	1.2	2.9	0.8	4.2	7.2	2.2	11.5	1.3	1.3	1.8	0.118
C74	Adrenal Gland etc.,	6	0.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.7	0.0	0.0	0.0	0.0	1.9	0.3	0.3	0.3	0.015
C75	Endocrine Glands	3	0.1	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C81	Hodgkin Disease	30	1.0	0.0	1.9	0.6	0.0	2.0	1.7	0.5	1.0	1.6	0.0	3.6	1.6	2.1	1.8	4.5	0.0	1.3	1.2	1.5	0.114
C82-86,96	Non-Hodg Lymphoma	123	4.0	1.7	1.9	0.6	2.9	1.5	1.7	0.5	1.9	5.7	7.7	8.7	8.8	11.5	27.2	31.2	23.1	5.1	5.1	7.0	0.567
C90	Multiple Myeloma	46	1.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	1.0	3.0	2.2	4.8	7.3	12.7	11.2	17.3	1.9	1.9	2.8	0.215
C91	Lymphoid Leukaemia	56	1.8	8.6	3.8	1.8	2.9	1.5	0.9	0.5	0.0	0.0	1.8	1.5	0.8	4.2	9.1	8.9	3.8	2.3	3.0	1.2	0.231
C92-C94	Myeloid Leukaemia	57	1.8	1.7	0.0	0.6	2.9	2.0	0.4	0.0	1.9	3.1	1.8	2.2	4.0	4.2	10.9	17.8	7.7	2.4	2.4	2.7	0.268
C95	Unspeci. Leukaemia	10	0.3	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.5	0.5	0.0	0.0	1.6	0.0	5.4	0.0	1.9	0.4	0.4	0.4	0.045
Oth & Unsp	Others & Unspecified	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.004
C76-80	Primary Uncertain	149	4.8	0.0	0.0	0.0	0.6	0.0	0.4	0.9	3.8	2.1	5.9	12.4	16.0	22.9	38.1	31.2	55.8	6.2	5.9	9.3	0.670
TOTAL		3097	100.0	16.6	15.1	9.0	15.2	15.6	15.3	30.5	55.0	92.3	129.2	240.5	298.9	456.2	710.4	758.1	928.8	129.0	123.9	189.7	13.315

Female, Chennai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	3.3	0.0	1.6	0.2	0.2	0.1	0.022
C01-C02	Tongue	53	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.2	2.3	5.3	8.7	11.7	11.5	4.1	4.7	2.2	2.0	4.8	0.241
C03-C06	Mouth	101	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	4.8	6.5	4.5	13.9	9.6	27.9	22.3	29.9	4.2	3.8	6.0	0.455
C07-C08	Salivary Gland	13	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.5	0.5	1.2	0.8	0.0	4.3	1.6	2.0	0.0	0.5	0.5	1.1	0.058
C09-C10	Oropharynx	14	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.5	0.6	0.8	0.9	2.1	3.3	2.0	6.3	0.6	0.5	0.7	0.053
C11	Nasopharynx	5	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1	0.0	2.0	0.0	0.2	0.2	0.4	0.028
C12-C13	Hypopharynx	34	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.9	1.6	4.7	3.0	2.6	3.2	4.9	6.1	0.0	1.4	1.2	2.8	0.146
C14	Pharynx unsp	8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.8	0.0	0.0	0.0	0.0	6.3	0.3	0.3	0.5	0.012
C15	Oesophagus	85	2.3	0.0	0.0	0.0	0.0	0.0	0.4	1.3	2.8	2.1	7.0	3.8	4.3	13.9	14.8	24.3	23.6	3.5	3.1	5.3	0.373
C16	Stomach	132	3.6	0.0	0.0	0.0	0.6	0.0	1.6	0.9	2.8	4.8	10.6	12.1	12.2	12.8	26.3	30.4	29.9	5.5	4.9	8.7	0.573
C17	Small Intestine	4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.9	0.0	0.0	0.2	0.2	0.1	0.030
C18	Colon	129	3.5	0.0	0.0	0.0	0.6	0.0	0.0	1.3	3.3	3.7	2.3	11.3	15.6	20.3	37.8	20.3	34.7	5.3	4.9	8.3	0.581
C19-C20	Rectum	90	2.4	0.0	0.0	0.0	0.6	0.5	1.2	1.8	2.8	2.6	3.5	6.0	13.9	13.9	19.7	12.2	14.2	3.7	3.4	6.3	0.392
C21	Anus & Anal canal	17	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.5	0.0	2.3	1.7	1.1	4.9	6.1	4.7	0.7	0.6	0.8	0.085
C22	Liver etc.,	49	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	2.3	1.5	4.3	12.8	14.8	10.1	14.2	2.0	1.9	3.2	0.237
C23-C24	Gall Bladder etc.	42	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.2	2.3	6.1	4.3	18.1	16.2	6.3	1.7	1.7	2.2	0.248
C25	Pancreas	31	0.8	0.0	0.0	0.0	0.0	0.0	0.8	0.4	0.5	0.5	2.3	0.8	2.6	6.4	8.2	6.1	6.3	1.3	1.2	1.9	0.143
C26	Other G.I Tract	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.004
C30-C31	Nasal Cavity etc.	9	0.2	0.0	0.0	0.0	0.0	0.5	0.0	0.4	0.0	0.0	0.6	0.8	0.9	1.1	3.3	0.0	1.6	0.4	0.3	0.5	0.037
C32	Larynx	23	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	1.1	1.2	0.8	0.9	2.1	9.9	6.1	6.3	1.0	0.9	1.0	0.114
C33-C34	Lung	132	3.6	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.9	3.2	7.6	8.3	13.0	21.3	32.9	42.6	29.9	5.5	5.1	8.2	0.658
C37-C39	Oth Respiratory syst	6	0.2	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.1	4.9	0.0	0.0	0.2	0.3	0.3	0.037
C40-C41	Bone	23	0.6	0.6	0.0	1.3	1.8	0.0	1.2	0.0	1.4	0.0	0.6	1.5	3.5	1.1	0.0	0.0	4.7	1.0	0.9	1.2	0.065
C43	Melanoma of Skin	12	0.3	0.0	0.7	0.0	0.0	0.0	0.0	0.4	0.0	1.1	0.0	0.8	0.9	1.1	0.0	2.0	6.3	0.5	0.4	0.6	0.034
C44	Skin - others	26	0.7	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.9	0.5	1.2	1.5	0.9	3.2	1.6	10.1	7.9	1.1	0.9	1.5	0.109
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	32	0.9	1.8	0.0	1.3	0.6	0.0	0.8	0.4	0.5	2.1	1.2	4.5	1.7	1.1	3.3	4.1	4.7	1.3	1.3	1.8	0.117
C50	Breast	1259	34.2	0.0	0.0	0.0	0.6	0.9	4.8	12.9	38.1	64.4	91.6	141.6	159.9	182.3	192.3	168.2	176.4	52.1	46.4	104.6	5.151
C51	Vulva	7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.1	3.3	2.0	3.2	0.3	0.3	0.3	0.035
C52	Vagina	14	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	2.3	0.0	3.2	3.3	4.1	1.6	0.6	0.6	1.1	0.073
C53	Cervix	370	10.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	7.4	14.8	25.8	33.1	47.8	68.3	100.2	44.6	52.0	15.3	14.2	29.6	1.702
C54	Corpus Uteri	171	4.6	0.0	0.0	0.0	0.6	0.0	0.0	2.2	3.3	5.3	8.2	16.6	23.5	35.2	44.4	28.4	17.3	7.1	6.6	13.5	0.834
C55	Uterus unsp.	17	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	3.5	2.1	3.3	2.0	7.9	0.7	0.6	1.1	0.065
C56	Ovary	191	5.2	0.0	0.7	0.0	0.0	1.4	1.2	1.8	1.4	9.5	14.7	20.3	26.1	27.7	41.1	22.3	23.6	7.9	7.2	15.2	0.836
C57	Oth female Genital	4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	1.1	1.6	0.0	0.0	0.2	0.2	0.4	0.020
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	28	0.8	0.0	0.7	0.0	0.0	0.0	0.4	0.4	0.5	1.1	1.2	0.0	1.7	7.5	6.6	6.1	6.3	1.2	1.1	1.7	0.130
C65	Renal Pelvis	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.010
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	12	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.2	1.6	4.1	6.3	0.5	0.5	0.6	0.053
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	2	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.1	0.1	0.0	0.011
C70-C72	Brain & CNS	56	1.5	0.6	2.0	0.6	1.2	0.5	0.4	2.2	1.4	1.1	3.5	1.5	3.5	11.7	6.6	6.1	11.0	2.3	2.2	3.4	0.215
C73	Thyroid	82	2.2	0.0	0.0	0.0	0.6	1.4	2.8	6.7	4.7	3.7	4.1	3.8	4.3	8.5	9.9	8.1	6.3	3.4	2.8	4.7	0.293
C74	Adrenal Gland etc.,	6	0.2	2.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.2	0.4	0.0	0.024
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	25	0.7	0.6	0.0	0.0	0.6	0.9	0.4	0.9	0.9	1.6	1.8	0.8	1.7	2.1	4.9	0.0	3.2	1.0	0.9	1.4	0.086
C82-86,96	Non-Hodg Lymphoma	77	2.1	0.6	1.3	0.0	0.6	0.0	0.8	0.9	1.9	3.7	4.1	6.8	7.0	10.7	8.2	12.2	20.5	3.2	2.9	5.2	0.293
C90	Multiple Myeloma	34	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.6	2.3	5.2	6.4	6.6	8.1	9.5	1.4	1.3	2.4	0.156
C91	Lymphoid Leukaemia	31	0.8	4.9	0.7	0.0	0.0	2.3	0.8	0.0	0.5	0.5	0.0	0.8	5.2	2.1	3.3	2.0	1.6	1.3	1.5	1.3	0.115
C92-C94	Myeloid Leukaemia	51	1.4	0.0	0.0	0.6	1.2	1.4	0.4	1.8	1.4	2.1	5.3	3.0	4.3	4.3	8.2	6.1	4.7	2.1	1.9	3.3	0.201
C95	Unspeci. Leukaemia	7																					

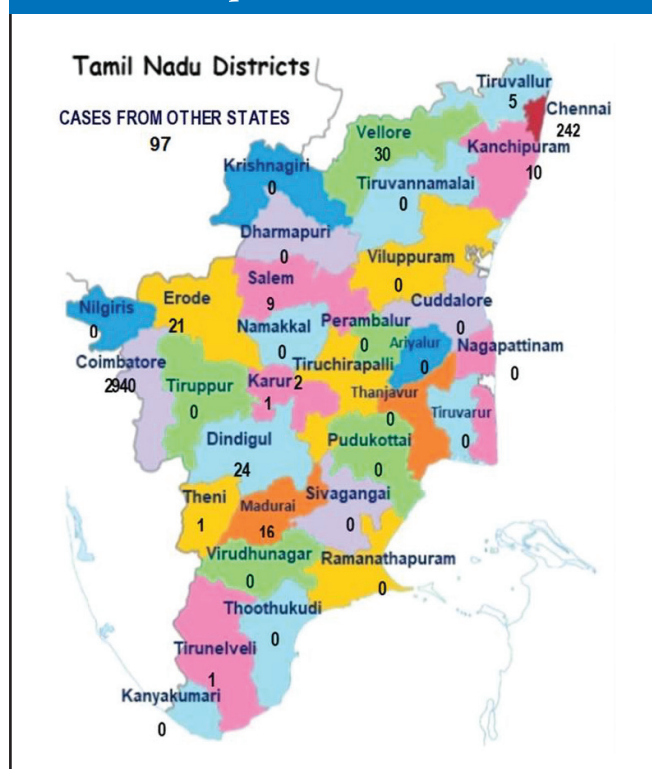
Residence District: Coimbatore

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	1385	1585	1724	1726	1584	1763	1816	1870	1924
FEMALE	1622	1793	2104	1881	1815	1985	2033	2080	2127
TOTAL	3007	3378	3828	3607	3399	3748	3849	3950	4051

Year - 2016

New Cases - 3399

No. of Cases Reported from the Source District

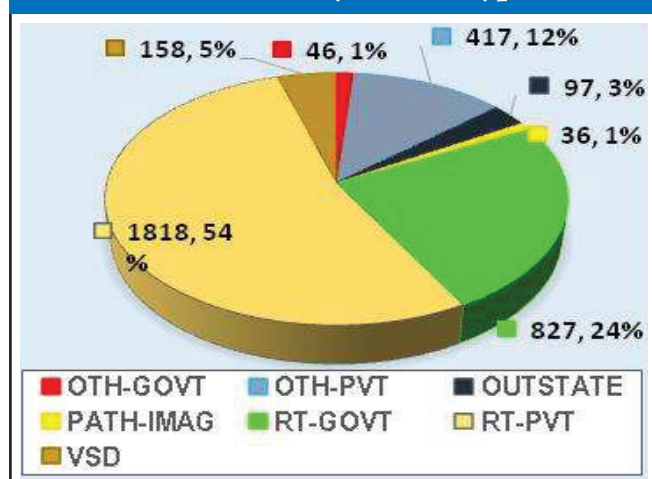


As per 2011 census

AREA (km²) : 4732

URBAN - RURAL (Ratio) **1 : 0.32**

No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
RCC Coimbatore Govt.Med. Coll.	Coimbatore	776
G Kuppusamy Naidu Mem. Hos	Coimbatore	735
Sri Ramakrishna Inst. of Oncol	Coimbatore	397
Kovai Med. Center & Hosp.	Coimbatore	228
PSG Inst. of Med. Sciences & R	Coimbatore	223
Ashwin Hosp.	Coimbatore	199
Cancer Institute (WIA) - Adyar	Chennai	174
DPH - COIM	Coimbatore	154
RCC_TVRRM, Kerala	Trivandrum	58
Aadhi Med. Foundation	Coimbatore	54
VGM Hosp.	Coimbatore	43
Christian Med. Coll. Hosp.	Vellore	30
Sai Subramanian Lab	Coimbatore	26
JIPMER	Pondicherry	21
GH Pollachi	Coimbatore	20
Christian Hosp. Ambilikkai.	Dindigul	16
Rajiv Gandhi Govt. General Hos	Chennai	15
Erode Cancer Cent.	Erode	15
Private Minor Source	Coimbatore	13
Apollo Hosp. Greams Road	Chennai	12

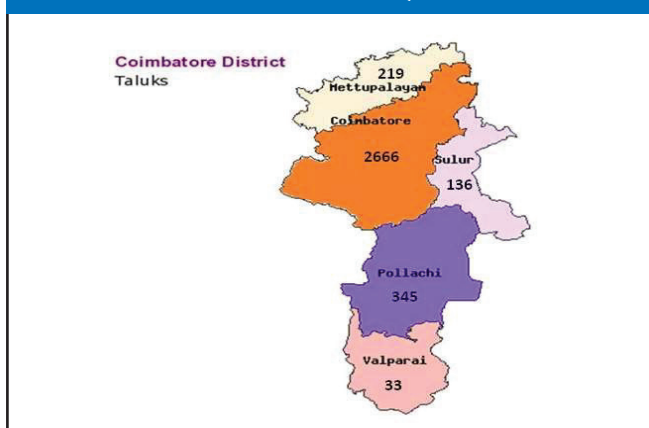
Population Pyramid 2016

No.	MALE (%)		FEMALE (%)		No.
44779	2.4		75+	2.9	55512
41407	2.2		70-74	2.3	44530
56188	3.0		65-69	3.2	60474
83853	4.5		60-64	4.3	82072
102692	5.5		55-59	5.1	97369
118938	6.4		50-54	5.9	112093
145587	7.8		45-49	7.6	143876
151517	8.1		40-44	8.2	156379
152503	8.2		35-39	8.8	166274
160872	8.6		30-34	8.4	160195
164575	8.8		25-29	9.0	170035
144949	7.8		20-24	8.2	156131
136037	7.3		15-19	6.9	131612
137023	7.3		10-14	7.0	133247
114463	6.1		05-09	6.0	113904
113139	6.1		00-04	6.0	113020

Residence District: Coimbatore

Year: 2016

No. of New Cases by Taluks

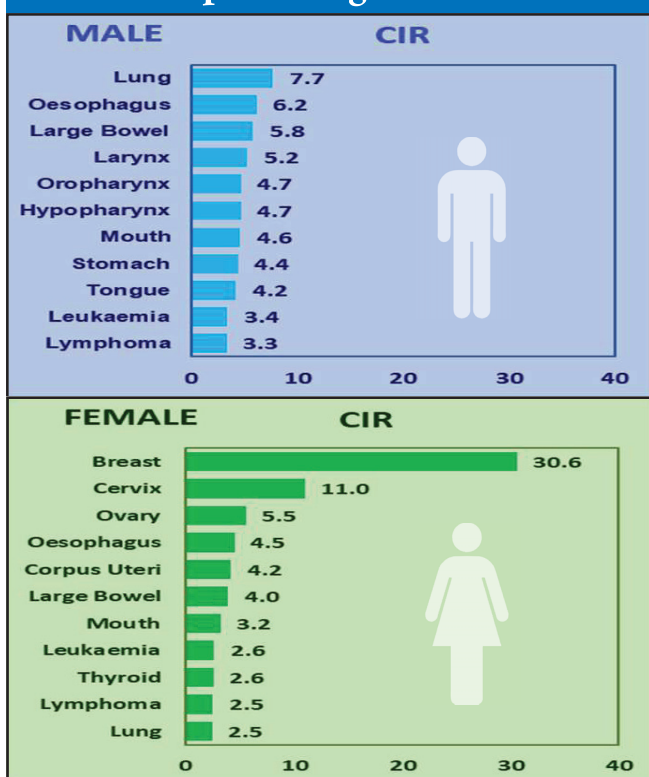


Cancer Incidence Statistics

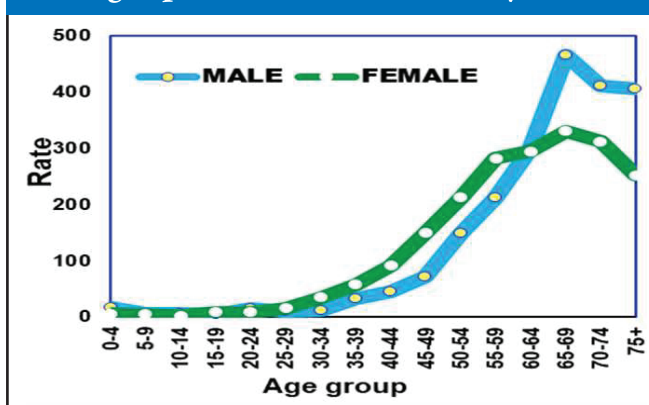
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1584	1815	3399
%	46.6	53.4	100.0
CIR	84.8	95.7	90.3
CR% (0-74 YEARS)	8.424	8.676	8.526
ASR	73.7	79.3	76.2

A total of 3,399 new cancers, diagnosed in year 2016, were registered among 3.76 million population with a female (1,815) preponderance (1:1.15). Most cases were registered from hospitals located within Coimbatore district (86.5%) followed by those in Chennai city (7.1%) and from outside the state (2.9%). A majority were first diagnosed and/or registered for TNCRP at Government Medical College Hospital (22.8%), G. Kuppusamy Naidu Memorial Hospital (21.6%) and Sri Ramakrishna Institute of Oncology and Research (11.7%) in Coimbatore. All hospitals with radiotherapy facility in non-government sector together accounted for most cases (54%); cases registered based on a death certificate only were 5%. The average annual CIR per 100,000 population for all cancers together was higher among women (95.7) than men (84.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 12. The number of cases of all cancers together were the highest in 35-64 years age-group (61.2%) while the peak incidence rate was observed in 65-69 years among both sexes. The most common cancer among men were lung (CIR:7.7), oesophagus(6.2) and large bowel (5.8); among women, the order was breast (30.6), cervix (11.0) and ovary (5.5). The new cancer burden was estimated as 4,051 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



CIR, ASR, other rates are per 1,00,000 population

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	36	9.9	17	4.7
15-34	64	10.6	108	17.5
35-64	870	115.2	1211	159.7
65+	614	431.3	479	298.4

Male, Coimbatore, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.2	1.8	2.4	2.2	0.3	0.3	0.4	0.035
C01-C02	Tongue	78	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.0	7.3	3.4	6.7	16.6	11.9	24.9	9.7	11.2	4.2	3.4	7.2	0.414
C03-C06	Mouth	86	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.0	2.6	5.5	11.8	6.8	17.9	21.4	19.3	29.0	4.6	3.9	7.0	0.443
C07-C08	Salivary Gland	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	1.2	0.0	0.0	0.0	0.3	0.2	0.7	0.024
C09-C10	Oropharynx	87	5.5	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	2.6	1.4	12.6	14.6	17.9	30.3	26.6	13.4	4.7	4.0	7.0	0.535
C11	Nasopharynx	8	0.5	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.7	0.0	0.8	1.0	0.0	1.8	2.4	2.2	0.4	0.4	0.4	0.040
C12-C13	Hypopharynx	87	5.5	0.0	0.0	0.0	0.0	0.7	0.6	0.0	1.3	0.7	1.4	10.9	9.7	21.5	32.0	33.8	15.6	4.7	4.0	6.4	0.563
C14	Pharynx unsp	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C15	Oesophagus	115	7.3	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.0	1.3	6.2	8.4	15.6	23.9	48.1	33.8	29.0	6.2	5.3	8.3	0.697
C16	Stomach	82	5.2	0.0	0.0	0.0	0.0	0.7	0.0	0.6	1.3	5.3	6.2	10.9	10.7	11.9	21.4	16.9	17.9	4.4	3.6	7.2	0.429
C17	Small Intestine	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.009
C18	Colon	46	2.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.6	2.0	0.7	3.4	8.8	4.8	12.5	12.1	17.9	2.5	2.0	3.3	0.237
C19-C20	Rectum	63	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.7	3.4	7.6	4.9	8.3	23.1	24.2	24.6	3.4	2.9	4.0	0.367
C21	Anus & Anal canal	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	2.4	4.5	0.3	0.2	0.0	0.030
C22	Liver etc.,	47	3.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.7	2.1	5.9	7.8	9.5	12.5	16.9	8.9	2.5	2.2	3.7	0.283
C23-C24	Gall Bladder etc.	5	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.8	1.9	0.0	0.0	2.4	0.0	0.3	0.2	0.4	0.029
C25	Pancreas	13	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3	0.7	0.0	2.9	2.4	1.8	2.4	4.5	0.7	0.6	1.2	0.061
C26	Other G.I Tract	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.8	0.0	0.0	0.1	0.1	0.1	0.013
C30-C31	Nasal Cavity etc.	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	1.9	0.0	3.6	0.0	0.0	0.3	0.3	0.5	0.035
C32	Larynx	98	6.2	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.0	3.4	7.6	20.5	23.9	35.6	26.6	22.3	5.2	4.5	7.7	0.592
C33-C34	Lung	143	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	4.0	7.6	12.6	20.5	31.0	46.3	48.3	35.7	7.7	6.5	11.0	0.853
C37-C39	Oth Respiratory syst	11	0.7	0.9	0.0	0.0	0.0	1.4	0.0	0.0	0.7	0.7	1.4	0.0	1.9	0.0	1.8	2.4	0.0	0.6	0.6	0.8	0.056
C40-C41	Bone	16	1.0	0.0	0.0	0.7	1.5	1.4	0.0	0.6	0.0	0.7	0.0	0.0	1.0	3.6	5.3	2.4	2.2	0.9	0.8	0.7	0.086
C43	Melanoma of Skin	9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	2.9	1.2	1.8	0.0	2.2	0.5	0.4	0.9	0.040
C44	Skin - others	15	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	3.6	3.6	2.4	8.9	0.8	0.7	1.0	0.070
C45	Mesothelioma	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.1	0.3	0.009
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	23	1.5	0.0	0.9	0.0	0.0	0.7	1.2	1.2	1.3	2.0	0.7	0.0	3.9	2.4	3.6	0.0	6.7	1.2	1.0	1.6	0.089
C50	Breast	9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.4	1.8	2.4	8.9	0.5	0.4	0.4	0.037
C60	Penis	16	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.7	3.4	3.9	4.8	0.0	2.4	0.0	0.9	0.7	2.0	0.082
C61	Prostate	59	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.9	8.3	26.7	31.4	42.4	3.2	2.8	1.7	0.355
C62	Testis	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.010
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	25	1.6	0.9	0.9	0.0	0.0	0.0	0.6	0.6	0.0	0.7	0.7	5.0	1.9	3.6	7.1	4.8	4.5	1.3	1.2	1.8	0.134
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	2.2	0.1	0.1	0.2	0.006
C67	Bladder	24	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.5	1.0	6.0	1.8	14.5	15.6	1.3	1.1	1.4	0.132
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	3	0.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.2	0.3	0.2	0.015
C70-C72	Brain & CNS	40	2.5	3.5	1.7	0.0	0.0	2.1	0.0	0.6	3.9	1.3	3.4	5.0	1.9	2.4	7.1	2.4	4.5	2.1	2.1	3.1	0.177
C73	Thyroid	22	1.4	0.0	0.0	1.5	0.0	0.7	0.0	1.2	0.0	0.7	2.1	4.2	1.0	4.8	1.8	2.4	2.2	1.2	1.0	1.9	0.101
C74	Adrenal Gland etc.,	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.003
C75	Endocrine Glands	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.2	1.8	2.4	0.0	0.2	0.2	0.3	0.030
C81	Hodgkin Disease	13	0.8	0.0	0.0	0.0	0.7	2.8	1.2	0.0	1.3	0.0	0.0	0.8	0.0	0.0	3.6	0.0	2.2	0.7	0.7	0.4	0.052
C82-86,96	Non-Hodg Lymphoma	49	3.1	0.0	0.0	1.5	0.0	0.0	1.2	0.0	2.0	1.3	1.4	4.2	8.8	10.7	5.3	19.3	8.9	2.6	2.2	4.1	0.278
C90	Multiple Myeloma	34	2.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.3	1.4	0.8	4.9	9.5	14.2	9.7	6.7	1.8	1.6	2.5	0.213
C91	Lymphoid Leukaemia	35	2.2	9.7	2.6	2.2	1.5	0.7	1.2	0.6	0.0	0.7	2.1	0.8	0.0	6.0	3.6	0.0	0.0	1.9	2.5	1.4	0.158
C92-C94	Myeloid Leukaemia	28	1.8	0.0	0.0	0.7	0.7	0.0	0.6	1.2	1.3	0.7	1.4	2.5	1.0	7.2	8.9	4.8	2.2	1.5	1.3	2.1	0.155
C95	Unspeci. Leukaemia	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.003
Oth & Unsp	Others & Unspecified	7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	2.9	1.2	1.8	0.0	0.0	0.4	0.3	0.8	0.037
C76-80	Primary Uncertain	147	9.3	0.0	0.0	0.0	0.0	0.0	1.2	1.2	5.2	4.0	10.3	10.1	21.4	28.6	42.7	26.6	46.9	7.9	6.6	11.9	0.756
TOTAL		1584	100.0	16.8	7.0	6.6	4.4	15.9	9.7	11.8	32.8	44.9	72.1	149.7	212.3	299.4	466.3	410.6	406.4	84.8	73.7	119.1	8.424

Female, Coimbatore, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.8	0.1	0.1	0.1	0.005
C01-C02	Tongue	21	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.3	2.1	2.7	1.0	4.9	6.6	2.2	3.6	1.1	0.9	1.8	0.107
C03-C06	Mouth	61	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	5.6	8.0	12.3	17.1	9.9	11.2	5.4	3.2	2.7	6.6	0.333
C07-C08	Salivary Gland	10	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.8	4.1	2.4	0.0	0.0	0.0	0.5	0.4	1.4	0.048
C09-C10	Oropharynx	17	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	2.7	3.1	2.4	1.7	9.0	5.4	0.9	0.7	1.1	0.097
C11	Nasopharynx	5	0.3	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	2.4	0.0	0.0	1.8	0.3	0.2	0.4	0.019
C12-C13	Hypopharynx	27	1.5	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.8	1.9	3.5	1.8	4.1	7.3	1.7	2.2	1.8	1.4	1.2	3.2	0.125
C14	Pharynx unsp	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0	1.2	0.0	0.0	0.0	0.2	0.1	0.4	0.015
C15	Oesophagus	86	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.6	3.2	4.9	11.6	15.4	12.2	16.5	24.7	19.8	4.5	3.7	7.1	0.454
C16	Stomach	37	2.0	0.9	0.0	0.0	0.0	0.0	0.0	1.2	1.2	0.6	3.5	7.1	2.1	6.1	8.3	11.2	1.8	2.0	1.7	3.2	0.211
C17	Small Intestine	4	0.2	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.0	2.2	0.0	0.2	0.2	0.3	0.021
C18	Colon	27	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	0.6	2.8	0.9	6.2	2.4	8.3	2.2	7.2	1.4	1.1	2.1	0.126
C19-C20	Rectum	48	2.6	0.0	0.0	0.0	0.0	0.6	0.0	1.2	1.2	2.6	2.8	8.0	7.2	4.9	8.3	9.0	10.8	2.5	2.0	4.1	0.229
C21	Anus & Anal canal	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	1.7	0.0	0.0	0.2	0.1	0.3	0.017
C22	Liver etc.,	14	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	0.0	2.1	3.7	3.3	2.2	5.4	0.7	0.6	1.1	0.066
C23-C24	Gall Bladder etc.	6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	0.0	0.0	1.7	2.2	1.8	0.3	0.2	0.3	0.030
C25	Pancreas	4	0.2	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.9	1.0	0.0	1.7	0.0	0.0	0.2	0.2	0.3	0.021
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.005
C30-C31	Nasal Cavity etc.	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.6	0.7	0.0	0.0	0.0	0.0	2.2	0.0	0.3	0.2	0.3	0.024
C32	Larynx	7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.0	3.1	0.0	0.0	4.5	0.0	0.4	0.3	0.5	0.044
C33-C34	Lung	47	2.6	0.0	0.0	0.0	0.0	0.6	0.6	0.6	1.2	1.3	2.8	3.6	6.2	9.7	11.6	13.5	9.0	2.5	2.1	3.6	0.258
C37-C39	Oth Respiratory syst	6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.0	2.4	3.3	0.0	0.0	0.3	0.3	0.6	0.036
C40-C41	Bone	8	0.4	0.0	0.0	0.0	0.8	0.6	0.6	0.0	0.0	0.0	0.7	0.9	0.0	1.2	3.3	0.0	0.0	0.4	0.4	0.4	0.040
C43	Melanoma of Skin	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.7	0.0	0.0	0.1	0.1	0.2	0.014
C44	Skin - others	11	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	2.1	1.2	3.3	0.0	5.4	0.6	0.5	0.8	0.045
C45	Mesothelioma	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.8	0.1	0.1	0.2	0.006
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	10	0.6	0.0	0.0	0.0	0.0	0.6	0.6	0.6	1.2	1.3	0.7	0.9	0.0	0.0	1.7	0.0	0.0	0.5	0.4	0.8	0.038
C50	Breast	581	32.0	0.0	0.0	0.0	0.0	0.0	5.9	10.6	21.1	34.5	54.9	73.2	101.7	98.7	94.3	76.4	59.5	30.6	25.0	59.0	2.816
C51	Vulva	8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	1.2	1.7	4.5	3.6	0.4	0.3	0.4	0.045
C52	Vagina	4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	1.7	0.0	1.8	0.2	0.2	0.3	0.019
C53	Cervix	209	11.5	0.0	0.0	0.0	0.0	0.6	1.2	0.6	4.8	15.4	20.2	26.8	32.9	34.1	39.7	33.7	27.0	11.0	9.0	20.8	1.044
C54	Corpus Uteri	79	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.8	1.3	4.2	10.7	16.4	17.1	18.2	24.7	5.4	4.2	3.5	7.5	0.474
C55	Uterus unsp.	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.0	0.0	3.3	0.0	0.0	0.3	0.2	0.4	0.030
C56	Ovary	105	5.8	0.0	0.0	0.0	1.5	0.0	0.6	1.9	5.4	5.1	9.7	14.3	16.4	15.8	11.6	15.7	16.2	5.5	4.5	10.4	0.489
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.003
C64	Kidney	10	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.4	0.0	0.0	3.7	1.7	4.5	0.0	0.5	0.4	1.0	0.062
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	10	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	1.0	1.2	3.3	2.2	3.6	0.5	0.4	0.7	0.051
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.004
C69	Eye And Adnexa	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.8	0.1	0.1	0.0	0.011
C70-C72	Brain & CNS	34	1.9	0.0	0.9	1.5	0.8	0.6	1.8	2.5	0.0	3.8	2.1	3.6	2.1	4.9	3.3	2.2	0.0	1.8	1.6	2.6	0.150
C73	Thyroid	49	2.7	0.0	0.0	0.0	0.8	0.6	1.2	4.4	6.6	2.6	4.2	1.8	4.1	4.9	6.6	2.2	3.6	2.6	2.0	4.0	0.200
C74	Adrenal Gland etc.,	1	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.004
C81	Hodgkin Disease	6	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.6	0.0	0.0	1.8	0.0	0.0	0.0	2.2	1.8	0.3	0.3	0.4	0.026
C82-86,96	Non-Hodg Lymphoma	42	2.3	0.0	0.0	0.0	0.8	0.0	0.0	1.9	1.8	1.3	4.2	1.8	2.1	6.1	9.9	6.7	16.2	2.2	1.8	2.7	0.182
C90	Multiple Myeloma	18	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	1.8	3.1	4.9	5.0	4.5	0.0	0.9	0.8	1.9	0.110
C91	Lymphoid Leukaemia	15	0.8	4.4	4.4	0.0	1.5	0.0	0.0	0.0	0.0	0.6	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.8	1.2	0.4	0.063
C92-C94	Myeloid Leukaemia	34	1.9	0.0	0.0	0.8	1.5	2.6	0.0	0.6	2.4	3.2	2.1	3.6	2.1	4.9	1.7	4.5	1.8	1.8	1.5	3.0	0.149
C95	Unspeci. Leukaemia	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.004
Oth & Unsp	Others & Unspecified	5	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.9	0.0	2.4	0.0	2.2	0.0	0.3	0.2	0.5	0.031
C76-80	Primary Uncertain	120	6.6	0.0	0.0	0.8	0.0	0.0	2.4	1.2	2.4	5.8	6.3	10.7	24.6	9.7	34.7	24.7	27.0	6.3	5.2	9.0	0.614
TOTAL		1815	100.0	6.2	5.3	3.0	8.4	9.0	15.9	35.0	58.3	91.5	149.4	213.2	282.5	294.9	330.8	312.1	252.2	95.7	79.3	166.8	8.676

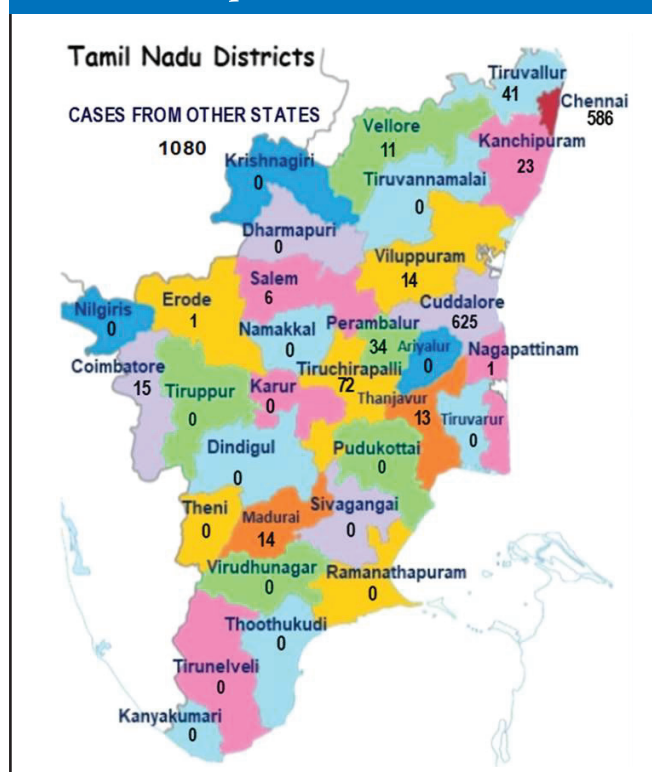
Residence District: Cuddalore

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	881	825	1029	933	1040	1043	1079	1115	1259
FEMALE	1256	1273	1433	1308	1496	1428	1460	1491	1677
TOTAL	2137	2098	2462	2241	2536	2471	2539	2606	2936

Year - 2016

New Cases - 2536

No. of Cases Reported from the Source District

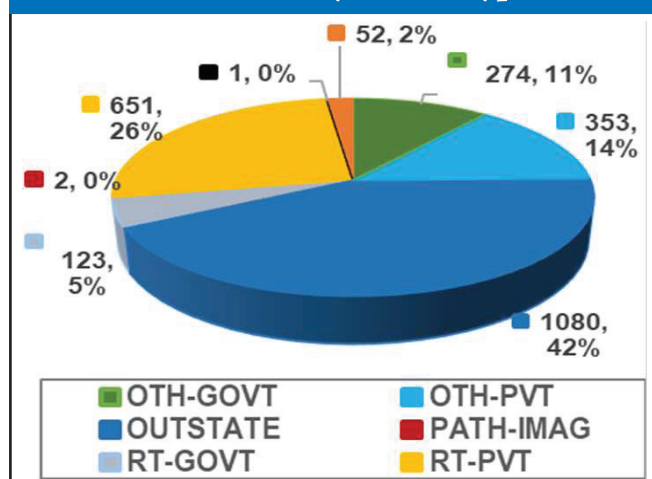


As per 2011 census

AREA (km²) : 3703

URBAN - RURAL (Ratio) 1 : 1.94

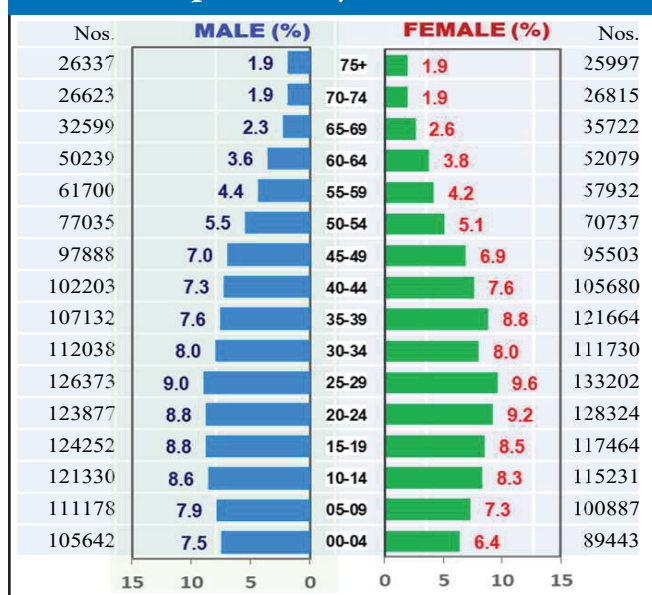
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
JIPMER	Pondicherry	838
Cancer Institute (WIA) - Adyar	Chennai	361
Krishna Cancer Inst.	Cuddalore	131
Rajah Muthaiah Med.Coll. & Hos	Cuddalore	114
Mahatma Gandhi Med. Coll. & Hos	Pondicherry	109
Maruthi Gast.Care Hosp.	Cuddalore	79
Neyveli Lignite Corporation Hos	Cuddalore	66
Puduchery Cancer Trust Hosp.	Pondicherry	64
Rajiv Gandhi Govt. General Hos	Chennai	48
DPH – CUDD	Cuddalore	47
Sri Ramachandra Med.Coll. & Re	Tiruvallur	41
ARR Hosp.	Cuddalore	36
Raja Muthaiah Dent. Coll. & Hos	Cuddalore	33
Apollo Hosp.	Chennai	31
Dhanalakshmi Srinivasan Med. Col	Perambalur	29
GVN Hosp. Singarathoppu	Tiruchirapalli	29
Govt. Royapettah Hosp.	Chennai	25
Paterson Cancer Center – Vadap	Chennai	22
Saravana Hosp.	Cuddalore	21
Sri Manakula Vinayagar Med. Co	Pondicherry	18

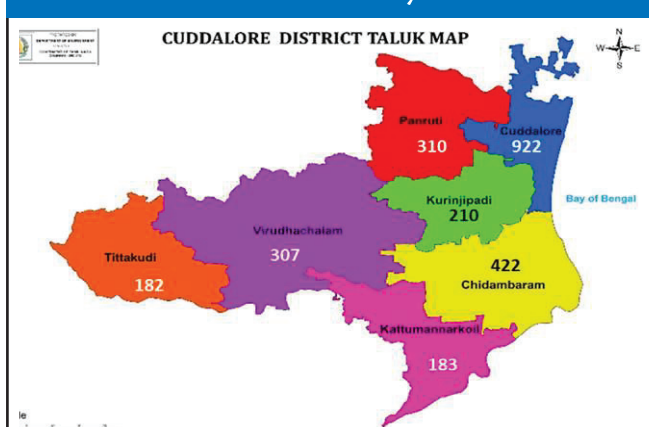
Population Pyramid 2016



Residence District: Cuddalore

Year: 2016

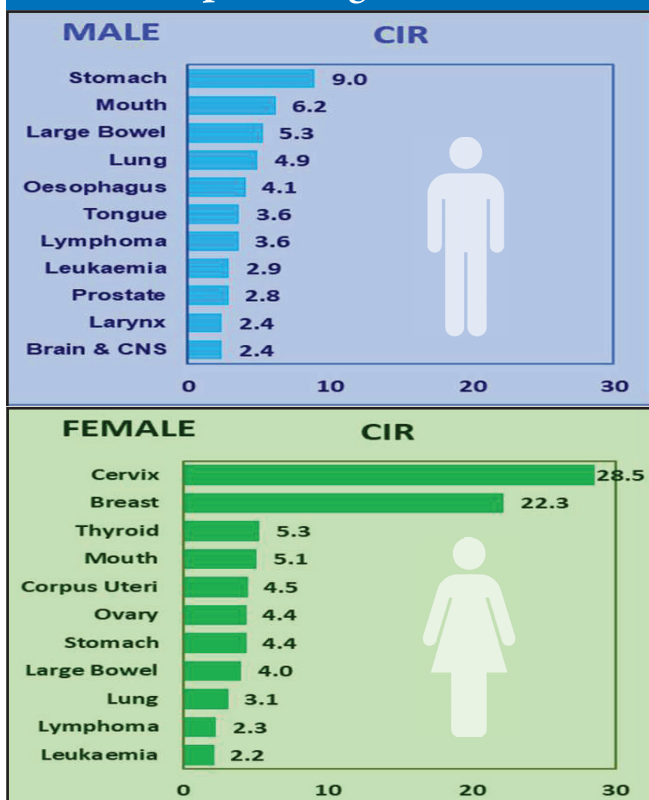
No. of New Cases by Taluks



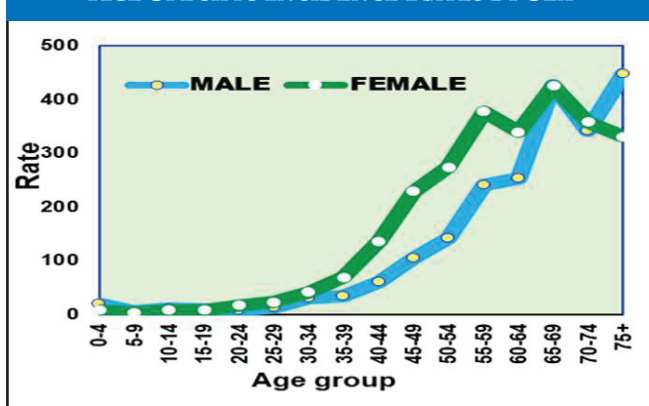
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1040	1496	2536
%	41.0	59.0	100.0
CIR	73.9	107.7	90.7
CR% (0-74 YEARS)	8.127	10.937	9.532
ASR	75.2	103.3	89.2

Top Ranking Cancers



AGE SPECIFIC INCIDENCE RATES BY SEX



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	38	11.2	19	6.2
15-34	68	14.0	106	21.6
35-64	586	118.1	1037	205.9
65+	348	406.7	334	377.3

CIR, ASR, other rates are per 1,00,000 population

Male, Cuddalore, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.6	0.0	0.0	3.8	3.8	0.3	0.3	0.4	0.032
C01-C02	Tongue	51	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	7.2	9.1	17.8	11.9	27.6	18.8	7.6	3.6	3.7	7.4	0.480
C03-C06	Mouth	87	8.4	0.0	0.0	0.0	0.0	0.0	0.0	2.7	4.7	7.8	8.2	11.7	17.8	27.9	46.0	22.5	30.4	6.2	6.3	11.8	0.745
C07-C08	Salivary Gland	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.6	2.0	0.0	7.5	0.0	0.4	0.4	0.7	0.061
C09-C10	Oropharynx	24	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	7.8	6.5	10.0	9.2	7.5	7.6	1.7	1.7	3.8	0.215
C11	Nasopharynx	9	0.9	0.0	0.0	0.8	0.0	0.8	0.0	0.0	1.9	1.0	0.0	0.0	0.0	2.0	3.1	3.8	3.8	0.6	0.6	0.8	0.066
C12-C13	Hypopharynx	19	1.8	0.0	0.0	0.0	0.0	0.0	0.8	0.9	1.9	0.0	0.0	3.9	6.5	4.0	9.2	3.8	7.6	1.4	1.3	2.3	0.155
C14	Pharynx unsp	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.6	1.6	2.0	0.0	0.0	3.8	0.4	0.4	1.1	0.036
C15	Oesophagus	57	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	3.1	9.1	11.4	13.9	33.7	33.8	26.6	4.1	4.2	6.5	0.552
C16	Stomach	126	12.1	0.0	0.0	0.0	0.0	0.0	0.8	2.7	1.9	7.8	10.2	15.6	34.0	45.8	52.2	52.6	57.0	9.0	9.1	16.7	1.112
C17	Small Intestine	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.8	0.1	0.2	0.3	0.010
C18	Colon	33	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.9	5.1	6.5	1.6	8.0	9.2	22.5	15.2	2.3	2.3	4.2	0.289
C19-C20	Rectum	41	3.9	0.0	0.0	0.0	0.0	0.0	1.6	1.8	0.0	2.0	9.2	7.8	9.7	2.0	18.4	11.3	15.2	2.9	2.8	4.9	0.318
C21	Anus & Anal canal	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	1.3	1.6	2.0	0.0	0.0	0.0	0.4	0.3	0.9	0.034
C22	Liver etc.,	8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.3	0.0	4.0	0.0	7.5	3.8	0.6	0.6	1.1	0.074
C23-C24	Gall Bladder etc.	14	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	0.0	4.9	4.0	15.3	3.8	3.8	1.0	1.1	1.3	0.150
C25	Pancreas	10	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	2.6	3.2	6.0	0.0	0.0	3.8	0.7	0.7	1.8	0.069
C26	Other G.I Tract	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	3.8	0.0	0.1	0.2	0.0	0.034
C30-C31	Nasal Cavity etc.	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	2.6	1.6	2.0	0.0	0.0	0.0	0.4	0.4	1.2	0.041
C32	Larynx	34	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	6.5	13.0	4.0	21.5	7.5	30.4	2.4	2.5	3.6	0.272
C33-C34	Lung	69	6.6	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.9	4.9	7.2	10.4	24.3	15.9	33.7	11.3	30.4	4.9	4.9	9.4	0.554
C37-C39	Oth Respiratory syst	4	0.4	0.0	0.9	0.0	0.0	0.0	0.0	0.9	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.019
C40-C41	Bone	13	1.3	0.0	0.0	1.6	2.4	0.0	0.8	0.0	1.9	1.0	1.0	0.0	1.6	2.0	3.1	0.0	0.0	0.9	0.9	1.2	0.077
C43	Melanoma of Skin	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.6	2.0	3.1	3.8	0.0	0.4	0.4	0.7	0.059
C44	Skin - others	27	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.6	14.6	6.0	6.1	15.0	15.2	1.9	1.9	3.7	0.237
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	17	1.6	1.9	0.0	0.8	0.0	0.0	0.0	1.8	0.0	0.0	5.1	0.0	1.6	8.0	0.0	3.8	3.8	1.2	1.2	2.2	0.115
C50	Breast	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C60	Penis	30	2.9	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.0	2.9	5.1	5.2	4.9	6.0	15.3	11.3	7.6	2.1	2.1	3.8	0.262
C61	Prostate	40	3.8	0.0	0.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2.0	1.3	8.1	8.0	15.3	18.8	60.8	2.8	3.0	2.7	0.276
C62	Testis	8	0.8	0.9	0.0	0.0	0.0	0.0	0.8	2.7	0.0	0.0	0.0	1.3	0.0	2.0	0.0	3.8	0.0	0.6	0.6	0.5	0.057
C63	Oth Male Genital	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.1	0.1	0.0	0.019
C64	Kidney	20	1.9	0.9	0.0	0.0	0.0	0.8	0.0	0.0	0.0	2.0	4.1	1.3	8.1	2.0	6.1	7.5	3.8	1.4	1.4	2.7	0.164
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	22	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.0	1.0	2.6	1.6	4.0	24.5	0.0	19.0	1.6	1.7	1.9	0.183
C68	Urethera	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	34	3.3	5.7	2.7	0.0	0.8	0.0	0.0	4.5	3.7	3.9	5.1	1.3	4.9	0.0	3.1	3.8	0.0	2.4	2.5	3.3	0.197
C73	Thyroid	18	1.7	0.0	0.0	0.0	0.0	0.8	1.6	0.0	0.9	0.0	2.0	2.6	1.6	6.0	9.2	0.0	11.4	1.3	1.3	2.0	0.124
C74	Adrenal Gland etc.,	2	0.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C75	Endocrine Glands	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.010
C81	Hodgkin Disease	12	1.2	0.0	0.9	1.6	0.0	0.8	1.6	0.0	2.8	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.8	0.9	0.8	1.0	0.055
C82-86,96	Non-Hodg Lymphoma	38	3.7	1.9	0.0	0.0	0.8	0.8	1.6	0.9	0.9	2.0	1.0	5.2	11.3	15.9	12.3	7.5	7.6	2.7	2.8	5.1	0.311
C90	Multiple Myeloma	16	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.0	2.0	0.0	6.5	4.0	9.2	3.8	3.8	1.1	1.1	2.3	0.142
C91	Lymphoid Leukaemia	22	2.1	5.7	0.0	4.1	3.2	1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.8	7.6	1.6	1.8	0.3	0.106
C92-C94	Myeloid Leukaemia	16	1.5	0.0	0.0	0.0	0.8	0.8	0.8	0.0	3.7	0.0	3.1	1.3	3.2	0.0	0.0	7.5	3.8	1.1	1.0	1.9	0.106
C95	Unspeci. Leukaemia	3	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.017
Oth & Unsp	Others & Unspecified	8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.0	2.6	0.0	2.0	6.1	0.0	0.0	0.6	0.6	1.1	0.068
C76-80	Primary Uncertain	70	6.7	0.0	0.0	0.0	0.0	0.8	0.8	1.8	0.9	4.9	8.2	14.3	8.1	13.9	30.7	26.3	45.6	5.0	5.0	7.9	0.552
TOTAL		1040	100.2	18.9	5.4	9.9	8.9	7.3	11.9	29.5	33.6	60.7	105.2	141.5	241.5	252.8	426.4	341.8	448.1	73.9	75.2	125.2	8.127

Female, Cuddalore, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
C01-C02	Tongue	16	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.5	1.9	2.1	2.8	3.5	0.0	2.8	0.0	11.5	1.2	1.0	2.2	0.082
C03-C06	Mouth	71	4.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.9	7.3	8.5	22.4	26.9	33.6	33.6	26.9	5.1	5.2	9.5	0.673
C07-C08	Salivary Gland	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.9	1.0	0.0	0.0	3.8	0.0	0.0	0.0	0.4	0.3	0.9	0.034
C09-C10	Oropharynx	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.010
C11	Nasopharynx	2	0.1	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.1	0.2	0.0	0.018
C12-C13	Hypopharynx	17	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8	0.9	3.1	1.4	3.5	1.9	11.2	11.2	0.0	1.2	1.2	1.9	0.175
C14	Pharynx unsp	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
C15	Oesophagus	29	1.9	0.0	0.0	0.0	0.0	1.6	0.8	0.9	0.0	0.9	2.1	1.4	8.6	7.7	8.4	14.9	19.2	2.1	2.1	2.9	0.236
C16	Stomach	61	4.1	0.0	0.0	0.0	0.0	0.8	0.8	1.8	4.1	1.9	9.4	12.7	10.4	21.1	14.0	22.4	15.4	4.4	4.2	9.1	0.496
C17	Small Intestine	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.0	1.4	1.7	1.9	2.8	0.0	3.8	0.5	0.5	1.1	0.049
C18	Colon	26	1.7	0.0	0.0	0.0	0.0	0.0	1.5	0.9	0.8	0.9	1.0	4.2	5.2	15.4	14.0	3.7	0.0	1.9	1.9	3.9	0.239
C19-C20	Rectum	30	2.0	0.0	0.0	0.0	0.0	0.8	0.8	0.9	1.6	1.9	3.1	2.8	10.4	7.7	14.0	7.5	3.8	2.2	2.1	4.1	0.258
C21	Anus & Anal canal	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	1.9	2.8	0.0	0.0	0.3	0.3	0.7	0.039
C22	Liver etc.,	11	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	1.4	5.2	1.9	2.8	11.2	0.0	0.8	0.8	1.3	0.122
C23-C24	Gall Bladder etc.	16	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	2.1	0.0	3.5	1.9	11.2	11.2	7.7	1.2	1.2	1.4	0.158
C25	Pancreas	11	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.1	0.0	3.5	0.0	0.0	7.5	11.5	0.8	0.8	1.2	0.075
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.009
C30-C31	Nasal Cavity etc.	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	3.7	0.0	0.1	0.2	0.2	0.028
C32	Larynx	8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.9	1.0	0.0	0.0	5.8	5.6	0.0	0.0	0.6	0.6	1.1	0.071
C33-C34	Lung	43	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.6	3.8	5.2	11.3	10.4	11.5	16.8	11.2	7.7	3.1	3.0	6.7	0.363
C37-C39	Oth Respiratory syst	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.0	0.0	0.0	0.0	0.0	0.0	3.8	0.2	0.2	0.4	0.009
C40-C41	Bone	17	1.1	1.1	0.0	1.7	2.6	0.0	1.5	0.9	2.5	1.9	0.0	0.0	1.7	3.8	0.0	0.0	0.0	1.2	1.2	1.6	0.089
C43	Melanoma of Skin	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.4	0.0	1.9	0.0	3.7	0.0	0.3	0.3	0.7	0.040
C44	Skin - others	16	1.1	0.0	0.0	0.9	0.0	0.8	0.0	0.0	0.8	0.9	1.0	2.8	5.2	5.8	8.4	0.0	0.0	1.2	1.1	2.4	0.133
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	5	0.3	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.8	0.9	0.0	0.0	0.0	0.0	0.0	3.7	3.8	0.4	0.3	0.3	0.031
C50	Breast	309	20.7	0.0	0.0	0.0	0.0	0.8	0.8	7.2	13.2	40.7	58.6	80.6	82.9	55.7	44.8	55.9	73.1	22.3	20.8	52.7	2.181
C51	Vulva	11	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	3.1	1.4	3.5	1.9	5.6	0.0	3.8	0.8	0.8	1.7	0.082
C52	Vagina	9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.2	1.7	1.9	2.8	3.7	3.8	0.6	0.7	1.4	0.077
C53	Cervix	396	26.5	0.0	0.0	0.0	0.0	0.0	3.0	7.2	17.3	35.0	69.1	90.5	105.3	94.1	137.2	78.3	61.6	28.5	27.4	63.8	3.135
C54	Corpus Uteri	62	4.1	0.0	0.0	0.0	0.0	0.8	0.0	0.9	3.3	6.6	6.3	14.1	34.5	11.5	11.2	7.5	3.8	4.5	4.2	11.4	0.483
C55	Uterus unsp.	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.1	1.4	0.0	1.9	2.8	0.0	0.0	0.4	0.4	0.9	0.046
C56	Ovary	61	4.1	0.0	0.0	0.0	0.0	0.0	0.8	0.9	4.9	3.8	15.7	7.1	15.5	17.3	8.4	14.9	15.4	4.4	4.1	10.1	0.445
C57	Oth female Genital	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.1	0.1	0.0	0.014
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C64	Kidney	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	10	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.9	0.0	0.0	1.7	3.8	0.0	3.7	11.5	0.7	0.7	1.1	0.060
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	17	1.1	1.1	1.0	0.0	2.6	0.0	2.3	0.0	1.6	2.8	2.1	0.0	1.7	1.9	0.0	0.0	0.0	1.2	1.2	1.7	0.085
C73	Thyroid	74	4.9	0.0	0.0	1.7	0.9	7.0	6.0	7.2	4.9	5.7	10.5	4.2	13.8	7.7	11.2	11.2	7.7	5.3	4.8	7.5	0.459
C74	Adrenal Gland etc.,	1	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C75	Endocrine Glands	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	3.7	0.0	0.1	0.1	0.2	0.027
C81	Hodgkin Disease	7	0.5	0.0	0.0	0.0	0.0	0.8	1.5	0.9	0.0	0.9	0.0	1.4	1.7	0.0	0.0	0.0	0.0	0.5	0.4	0.6	0.036
C82-86,96	Non-Hodg Lymphoma	25	1.7	0.0	0.0	0.9	0.0	0.8	0.8	0.9	1.6	3.8	3.1	2.8	1.7	5.8	8.4	0.0	11.5	1.8	1.7	3.1	0.153
C90	Multiple Myeloma	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	8.4	3.7	0.0	0.4	0.5	0.4	0.078
C91	Lymphoid Leukaemia	10	0.7	4.5	1.0	0.9	0.0	0.0	0.0	0.9	0.0	0.0	1.0	1.4	0.0	1.9	0.0	0.0	0.0	0.7	1.0	0.7	0.058
C92-C94	Myeloid Leukaemia	19	1.3	0.0	1.0	0.9	0.0	0.8	0.8	2.7	1.6	1.9	2.1	1.4	3.5	0.0	2.8	7.5	0.0	1.4	1.2	1.8	0.134
C95	Unspeci. Leukaemia	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
Oth & Uns	Others & Unspecified	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.009
C76-80	Primary Uncertain	56	3.7	0.0	0.0	0.9	0.0	0.8	0.8	0.0	0.8	7.6	6.3	8.5	6.9	11.5	28.0	22.4	23.1	4.0	4.0	6.6	0.472
TOTAL		1496	100.0	7.8	3.0	7.8	7.7	16.4	22.5	41.2	69.0	136.3	229.3	274.3	378.0	339.9	425.6	358.0	330.8	107.7	103.3	221.0	10.937

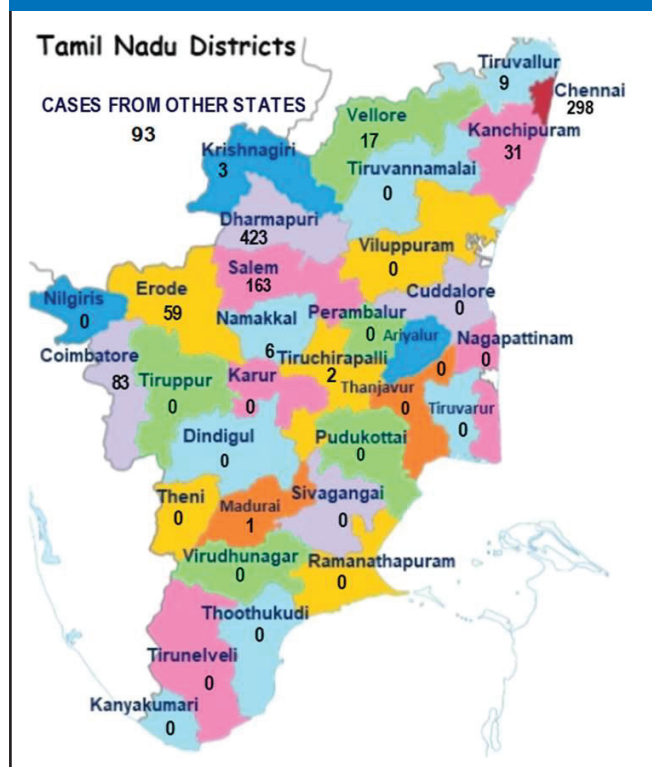
Residence District: Dharmapuri

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	337	330	394	368	491	488	522	557	592
FEMALE	542	635	664	526	697	673	693	713	733
TOTAL	879	965	1058	894	1188	1161	1215	1270	1325

Year - 2016

New Cases - 1188

No. of Cases Reported from the Source District

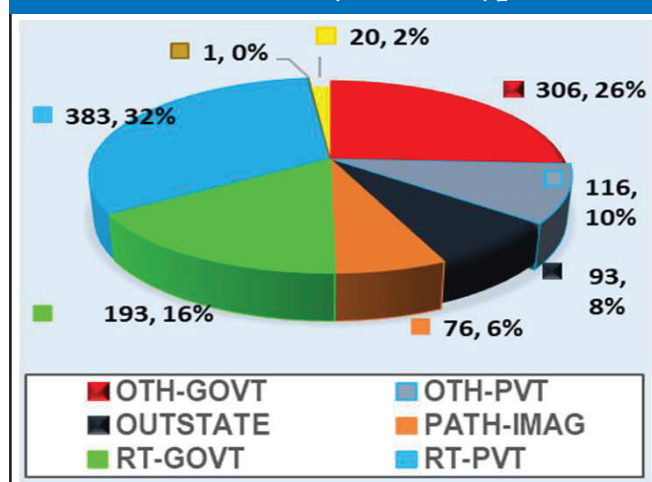


As per 2011 census

AREA (km²) : 4497

URBAN - RURAL (Ratio) 1 : 4.78

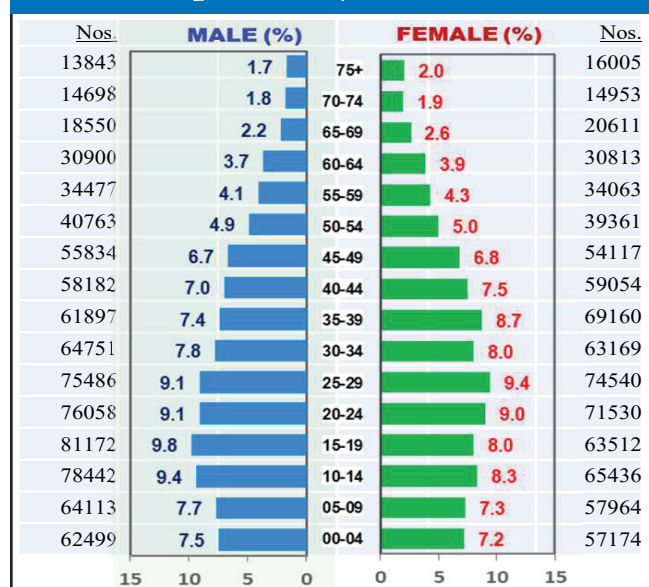
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
Govt. Dharmapuri Med. Coll. Ho	Dharmapuri	261
Cancer Institute (WIA) - Adyar	Chennai	164
Doctor Path. Centre	Dharmapuri	73
Rajiv Gandhi Govt. General Hos	Chennai	66
Govt. Mohan Kumaramangalam	Salem	59
Erode Cancer Cent.	Erode	58
Salem Cancer Institute	Salem	57
G Kuppusamy Naidu Memorial	Coimbatore	51
Bangalore Cancer Centre	Bangalore	31
JIPMER	Pondicherry	31
SKS Hosp.	Salem	28
RCC Govt. Arignar Anna Mem. Ca	Kanchipuram	27
DPH – DHAR	Dharmapuri	20
Christian Med. Coll. Hosp.	Vellore	17
Govt. Stanley Med. Coll.	Chennai	17
ST JOHN'S HOSPITAL, BANG	Bangalore	16
Govt. Royapettah Hosp.	Chennai	15
Sri Ramakrishna Inst. of Oncol	Coimbatore	15

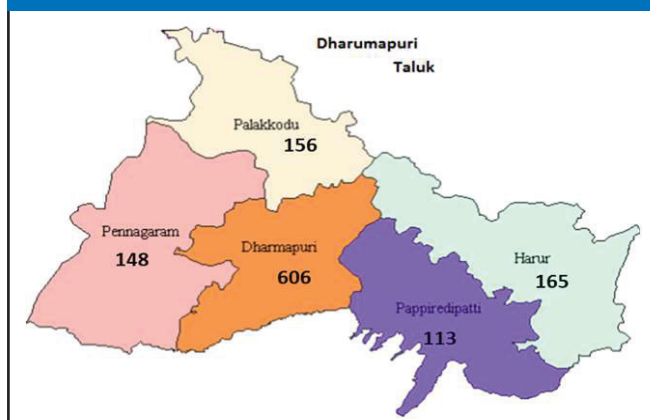
Population Pyramid 2016



Residence District: Dharmapuri

Year: 2016

No. of New Cases by Taluks

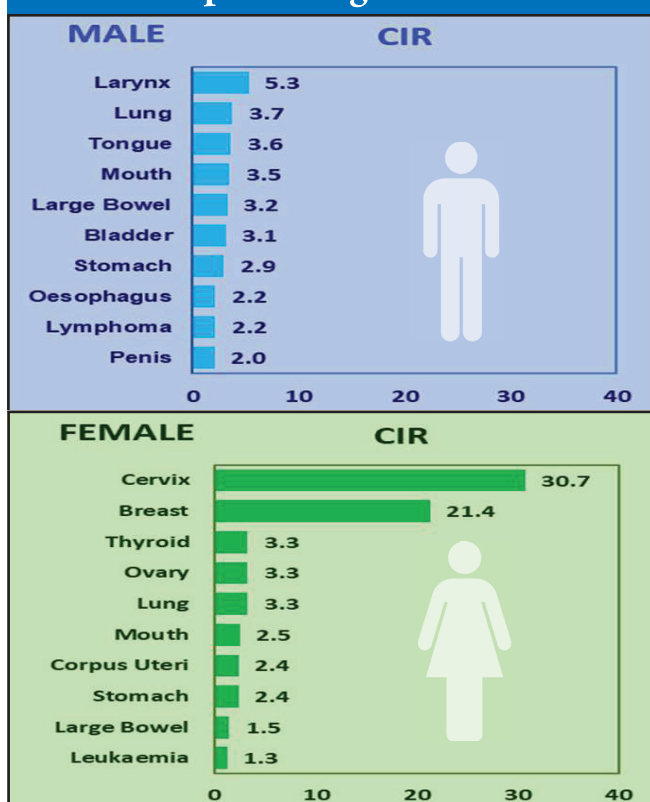


Cancer Incidence Statistics

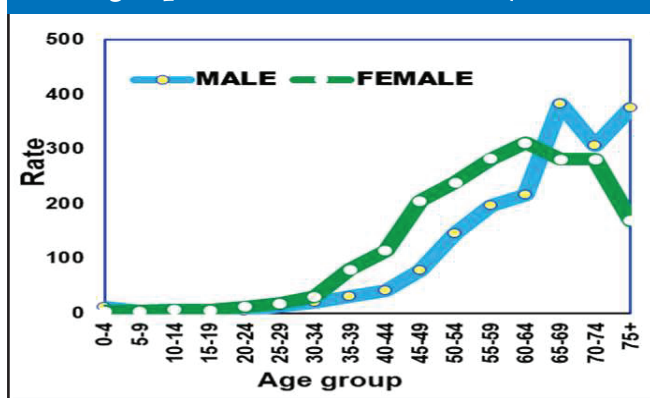
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	491	697	1188
%	41.3	58.7	100.0
CIR	59.0	88.1	73.2
CR% (0-74 YEARS)	7.034	8.922	7.968
ASR	63.0	82.8	72.7

A total of 1,188 new cancers, diagnosed in year 2016, were registered among 1.62 million population with a female (697) preponderance (1:1.42). More than one-third of cases were registered from hospitals within Dharmapuri district followed by those in Chennai city (24.9%) and Salem (13.7%) district. A majority were either first diagnosed and/or registered for TNCRP at the Government Medical Collge Hospital, Dharmapuri (22.0%) followed by the Cancer Institute (W.I.A), Chennai (13.8%) and Doctor Pathology Centre, Dharmapuri (6.1%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (32%). The average annual CIR per 100,000 population for all cancers together was higher among women (88.1) than men (59.0). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 12. The number of cases of all cancers together were the highest in 35-64 years age-group (67.3%) while the peak incidence rate was observed in 60-64 years among women and 65-69 years among men. The most common cancers among men were larynx (CIR:5.3), lung (3.7) and tongue (3.6); among women, the order was cervix (30.7), breast (21.4) and thyroid (3.3). The new cancer burden was estimated as 1,325 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	13	6.3	8	4.4
15-34	29	9.7	43	15.8
35-64	281	99.6	519	181.1
65+	168	356.8	127	246.3

CIR, ASR, other rates are per 1,00,000 population

Male, Dharmapuri, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	30	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	1.8	19.6	11.6	12.9	21.6	20.4	14.5	3.6	3.8	7.9	0.471
C03-C06	Mouth	29	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	5.2	3.6	2.5	11.6	32.4	21.6	13.6	14.4	3.5	3.7	8.1	0.459
C07-C08	Salivary Gland	5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	3.2	5.4	0.0	0.0	0.6	0.6	1.5	0.070
C09-C10	Oropharynx	15	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	1.8	2.5	8.7	0.0	5.4	27.2	21.7	1.8	1.9	2.5	0.244
C11	Nasopharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.012
C12-C13	Hypopharynx	15	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	4.9	5.8	16.2	10.8	13.6	7.2	1.8	2.0	4.0	0.266
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	18	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	7.2	4.9	0.0	13.0	21.6	6.8	7.2	2.2	2.3	4.5	0.284
C16	Stomach	24	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	1.7	3.6	7.4	8.7	6.5	27.0	13.6	28.9	2.9	3.1	4.5	0.357
C17	Small Intestine	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.1	0.1	0.4	0.016
C18	Colon	9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.4	0.0	7.4	2.9	0.0	0.0	6.8	7.2	1.1	1.1	2.2	0.110
C19-C20	Rectum	18	3.7	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.8	9.8	5.8	16.2	27.0	0.0	0.0	2.2	2.4	4.8	0.309
C21	Anus & Anal canal	4	0.8	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.7	0.0	0.0	2.9	0.0	5.4	0.0	0.0	0.5	0.5	0.7	0.057
C22	Liver etc.,	11	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.8	4.9	5.8	3.2	10.8	6.8	7.2	1.3	1.4	2.6	0.175
C23-C24	Gall Bladder etc.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.1	0.2	0.0	0.027
C25	Pancreas	7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.8	4.9	2.9	3.2	0.0	6.8	0.0	0.8	0.8	2.2	0.106
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	7	1.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	7.2	0.0	0.0	0.0	0.0	0.0	7.2	0.8	0.9	1.7	0.052
C32	Larynx	44	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.7	7.2	17.2	14.5	25.9	48.5	27.2	36.1	5.3	5.8	10.0	0.716
C33-C34	Lung	31	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.8	4.9	14.5	22.7	43.1	27.2	21.7	3.7	4.2	5.9	0.577
C37-C39	Oth Respiratory syst	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.8	0.0	0.0	3.2	0.0	6.8	0.0	0.5	0.5	1.1	0.068
C40-C41	Bone	3	0.6	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.4	0.4	0.3	0.049
C43	Melanoma of Skin	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	3.2	0.0	0.0	7.2	0.5	0.5	1.2	0.045
C44	Skin - others	12	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	5.8	0.0	5.4	27.2	21.7	1.4	1.6	1.5	0.217
C45	Mesothelioma	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	11	2.2	1.6	1.6	0.0	0.0	0.0	4.0	0.0	0.0	3.4	1.8	0.0	0.0	3.2	5.4	0.0	7.2	1.3	1.4	1.4	0.105
C50	Breast	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C60	Penis	17	3.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.7	3.6	2.5	14.5	9.7	10.8	0.0	14.5	2.0	2.1	4.5	0.221
C61	Prostate	15	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	5.4	0.0	2.9	9.7	16.2	0.0	28.9	1.8	2.0	3.0	0.179
C62	Testis	5	1.0	0.0	0.0	0.0	1.2	0.0	1.3	0.0	3.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.0	0.038
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	9	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	4.9	0.0	0.0	21.6	0.0	0.0	1.1	1.3	1.5	0.158
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	26	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	4.9	8.7	3.2	16.2	47.6	57.8	3.1	3.5	3.0	0.420
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.4	1.8	0.0	2.9	0.0	0.0	6.8	0.0	0.7	0.7	1.4	0.082
C73	Thyroid	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.3	0.032
C74	Adrenal Gland etc.,	1	0.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.008
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	5	1.0	0.0	0.0	0.0	1.2	0.0	1.3	0.0	3.2	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.0	0.038
C82-86,96	Non-Hodg Lymphoma	13	2.6	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.2	1.7	3.6	7.4	0.0	0.0	10.8	6.8	7.2	1.6	1.6	2.8	0.175
C90	Multiple Myeloma	6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	2.5	0.0	0.0	10.8	0.0	7.2	0.7	0.8	1.1	0.084
C91	Lymphoid Leukaemia	6	1.2	3.2	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.2	0.0	0.0	0.0	0.7	0.8	0.8	0.060
C92-C94	Myeloid Leukaemia	7	1.4	0.0	0.0	1.3	1.2	1.3	1.3	0.0	0.0	1.7	1.8	2.5	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.1	0.056
C95	Unspeci. Leukaemia	4	0.8	0.0	1.6	1.3	0.0	0.0	1.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.029
Oth & Unsp	Others & Unspecified	2	0.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.2	0.3	0.0	0.008
C76-80	Primary Uncertain	60	12.2	0.0	0.0	0.0	1.2	0.0	1.3	3.1	3.2	0.0	1.8	22.1	58.0	22.7	32.3	34.0	43.3	7.2	7.6	14.9	0.897
TOTAL		491	100.0	11.2	3.1	5.1	4.9	3.9	11.9	20.1	30.7	41.3	78.8	144.7	197.2	216.8	382.7	306.2	375.7	59.0	63.0	106.0	7.034

Female, Dharmapuri, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	1.8	2.5	5.9	3.2	0.0	0.0	6.2	1.0	0.9	2.6	0.083
C03-C06	Mouth	20	2.9	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.4	0.0	1.8	17.8	8.8	6.5	0.0	13.4	18.7	2.5	2.4	5.5	0.255
C07-C08	Salivary Gland	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.3	0.2	0.7	0.024
C09-C10	Oropharynx	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	4.9	6.7	0.0	0.4	0.4	0.4	0.072
C11	Nasopharynx	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C12-C13	Hypopharynx	5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.8	0.0	5.9	0.0	4.9	0.0	0.0	0.6	0.6	1.4	0.070
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.9	6.5	4.9	0.0	0.0	0.6	0.6	1.6	0.081
C16	Stomach	19	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.4	1.8	2.5	5.9	19.5	9.7	13.4	6.2	2.4	2.3	5.3	0.295
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	3.2	9.7	0.0	0.0	0.6	0.7	1.2	0.094
C19-C20	Rectum	7	1.0	0.0	0.0	0.0	0.0	2.8	1.3	1.6	0.0	0.0	0.0	2.5	0.0	3.2	4.9	0.0	0.0	0.9	0.8	0.8	0.082
C21	Anus & Anal canal	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.2	0.3	0.3	0.0	0.033
C22	Liver etc.,	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	6.5	0.0	6.7	0.0	0.5	0.5	1.2	0.079
C23-C24	Gall Bladder etc.	9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.5	8.8	6.5	0.0	6.7	6.2	1.1	1.1	2.7	0.131
C25	Pancreas	6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.9	13.0	0.0	0.0	0.0	0.8	0.7	2.4	0.089
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C32	Larynx	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	6.2	0.3	0.2	0.4	0.015
C33-C34	Lung	26	3.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	14.8	10.2	2.9	19.5	19.4	6.7	6.2	3.3	3.2	7.4	0.373
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	4	0.6	0.0	0.0	1.5	1.6	0.0	0.0	0.0	0.0	1.7	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.5	0.5	0.7	0.038
C43	Melanoma of Skin	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.1	0.1	0.0	0.033
C44	Skin - others	6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.8	0.0	0.0	0.0	9.7	13.4	0.0	0.8	0.8	0.7	0.133
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	9	1.3	0.0	0.0	0.0	0.0	2.8	1.3	1.6	0.0	0.0	1.8	2.5	5.9	3.2	0.0	0.0	0.0	1.1	1.0	1.9	0.096
C50	Breast	169	24.2	0.0	0.0	0.0	0.0	1.4	1.3	9.5	18.8	30.5	59.1	68.6	61.7	94.1	53.4	26.8	37.5	21.4	19.8	52.2	2.104
C51	Vulva	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.9	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.027
C52	Vagina	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.5	0.0	3.2	0.0	0.0	6.2	0.5	0.5	1.2	0.038
C53	Cervix	243	34.9	0.0	0.0	0.0	0.0	0.0	1.3	6.3	28.9	54.2	79.5	78.8	102.8	90.9	106.7	120.4	56.2	30.7	28.7	69.2	3.294
C54	Corpus Uteri	19	2.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.4	3.4	3.7	5.1	17.6	3.2	9.7	13.4	0.0	2.4	2.3	5.2	0.294
C55	Uterus unsp.	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C56	Ovary	26	3.7	0.0	0.0	0.0	0.0	0.0	1.3	1.6	7.2	3.4	9.2	5.1	5.9	9.7	9.7	20.1	0.0	3.3	3.0	6.7	0.365
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C64	Kidney	4	0.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.5	0.0	3.2	0.0	0.0	0.0	0.5	0.6	1.2	0.047
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.3	0.3	0.8	0.032
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.1	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C70-C72	Brain & CNS	7	1.0	0.0	1.7	1.5	0.0	0.0	0.0	0.0	2.9	1.7	1.8	0.0	2.9	0.0	0.0	0.0	0.0	0.9	0.8	1.6	0.063
C73	Thyroid	26	3.7	0.0	0.0	0.0	0.0	2.8	4.0	7.9	5.8	5.1	3.7	7.6	5.9	0.0	4.9	6.7	0.0	3.3	2.8	4.8	0.272
C74	Adrenal Gland etc.,	1	0.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
C82-86,96	Non-Hodg Lymphoma	5	0.7	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.9	0.0	9.7	0.0	0.0	0.6	0.7	0.8	0.084
C90	Multiple Myeloma	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	3.2	4.9	0.0	0.0	0.4	0.4	0.8	0.053
C91	Lymphoid Leukaemia	1	0.1	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C92-C94	Myeloid Leukaemia	5	0.7	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.4	0.0	3.7	2.5	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.4	0.045
C95	Unspeci. Leukaemia	4	0.6	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	6.7	6.2	0.5	0.5	0.4	0.053
Oth & Unsp	Others & Unspecified	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.009
C76-80	Primary Uncertain	27	3.9	0.0	0.0	1.5	1.6	0.0	0.0	0.0	4.3	1.7	9.2	12.7	14.7	3.2	14.6	6.7	6.2	3.4	3.2	7.3	0.352
TOTAL		697	100.0	3.5	3.5	6.1	4.7	11.2	17.4	30.1	79.5	113.5	205.1	238.8	281.9	311.6	281.4	280.9	168.7	88.1	82.8	192.2	8.922

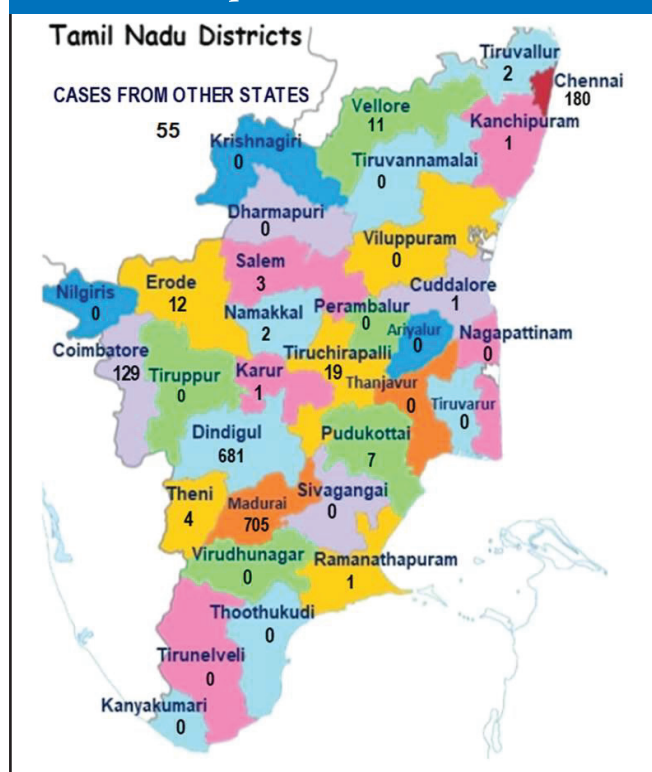
Residence District: Dindigul

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	615	641	740	740	819	863	914	965	1015
FEMALE	793	836	971	1034	995	1106	1167	1227	1287
TOTAL	1408	1477	1711	1774	1814	1969	2081	2192	2302

Year - 2016

New Cases - 1814

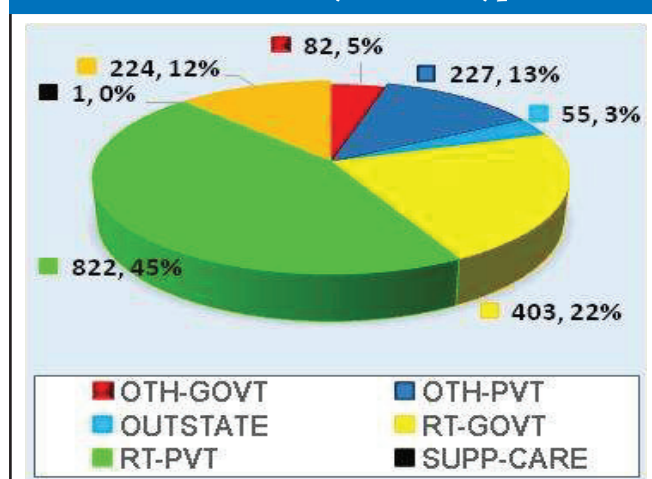
No. of Cases Reported from the Source District



As per 2011 census

AREA (km²) : 6036**URBAN - RURAL (Ratio)** **1 : 1.67**

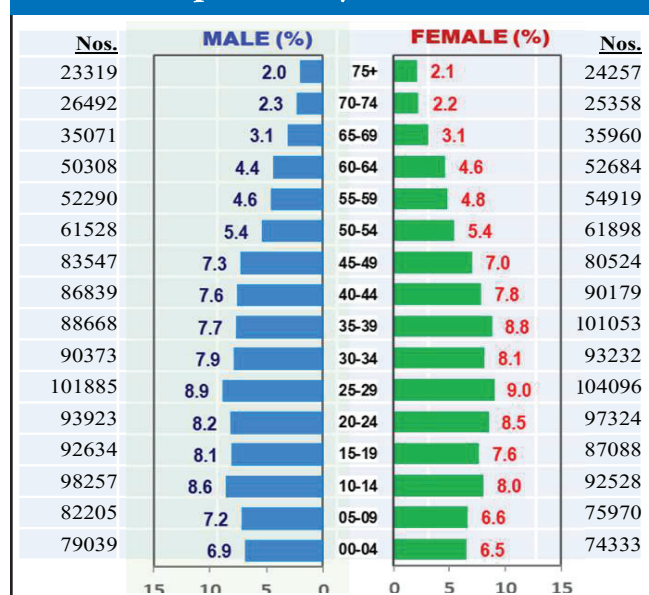
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
RCC Govt. Rajaji Hosp.	Madurai	365
Christian Hosp. Ambilikkai.	Dindigul	245
Vital Statistical Division	Dindigul	189
Meenakshi Mission Hosp. & Re	Madurai	168
Cancer Institute (WIA) - Adyar	Chennai	126
Devaki Mult. Spl. Hosp.	Madurai	102
Christian Fellowship Hosp. Odd	Dindigul	101
G Kuppusamy Naidu Mem. Hosp.	Coimbatore	48
JIPMER	Pondicherry	43
Govt. District Hqtrs. Hosp.	Dindigul	38
Velammal Med.Coll. Hosp. & R	Madurai	35
DPH - DIND	Dindigul	33
Leonard Hosp. Batlagundu	Dindigul	25
Kovai Med. Center & Hosp.	Coimbatore	23
Guru Cancer Centre	Madurai	17
Sri Ramakrishna Inst. of Oncol	Coimbatore	17
RCC Coimbatore Govt.Med. C	Coimbatore	17
Apollo Mult. Spl. Hosp.	Madurai	15
PSG Inst. of Med. Sciences & R	Coimbatore	13
Christian Med. Coll. Hosp.	Vellore	11

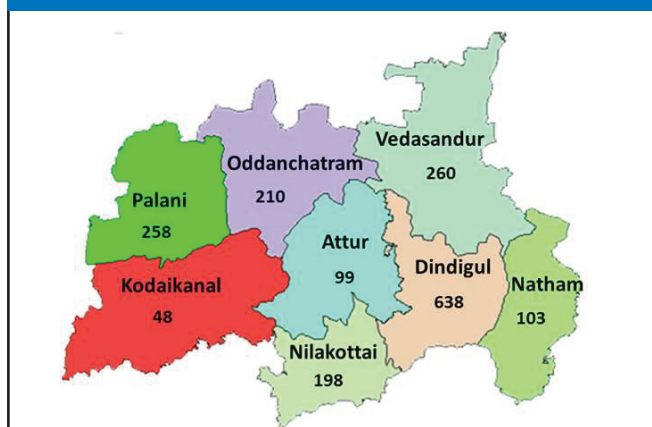
Population Pyramid 2016



Residence District: Dindigul

Year: 2016

No. of New Cases by Taluks

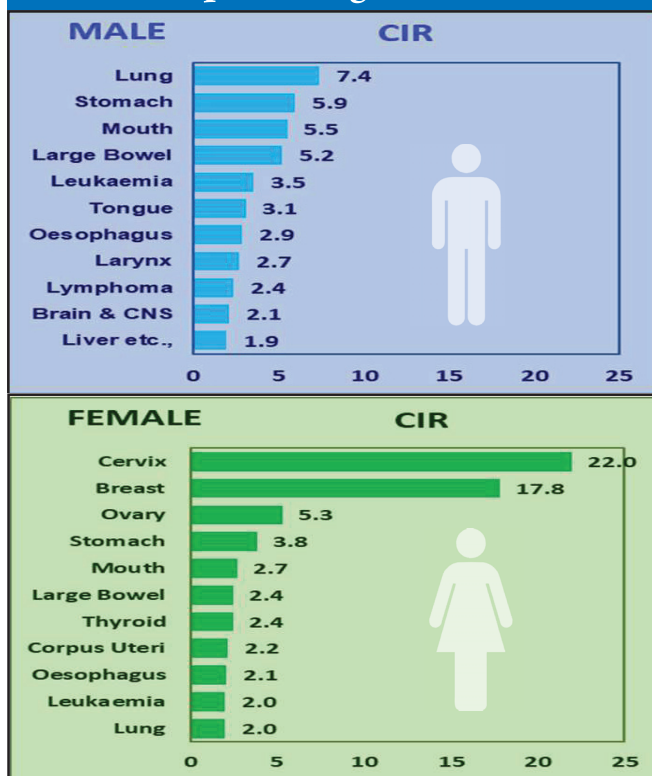


Cancer Incidence Statistics

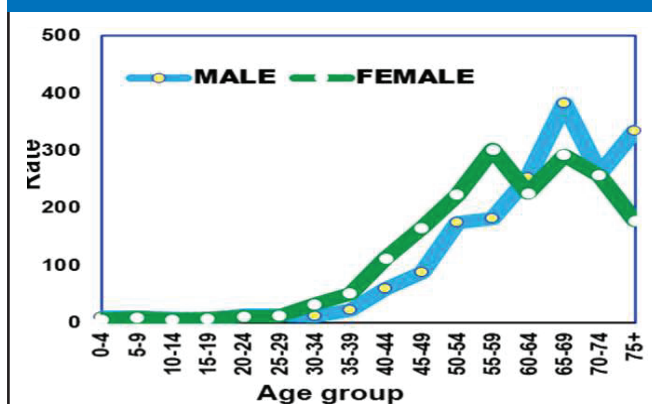
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	819	995	1814
%	45.1	54.9	100.0
CIR	71.4	86.4	78.9
CR% (0-74 YEARS)	7.179	8.186	7.691
ASR	65.7	75.7	70.8

A total of 1,814 new cancers, diagnosed in year 2016, were registered among 2.3 million population with a female (995) preponderance (1:1.21). Almost two-fifth of the cases were registered from hospitals in Madurai (38.9%) district followed by those located in Dindigul district (37.5%) and Chennai city (9.9%). A majority were first diagnosed and/or registered for TNCRP at the Government Rajaji Hospital, Madurai (20.1%) followed by Christian Hospital Ambilikkai (13.5%) and the office of the Deputy Director of Health Services, Dindigul (10.4). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (45%); cases registered based on a death certificate only were 12%. The average annual crude incidence rate (CIR) per 100,000 population for all cancers together was higher among women (86.4) than men (71.4). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 13. The number of cases of all cancers together were the highest in 35-64 years age-group (65.1%) while the peak incidence rate was observed in 55-59 years age group for women and 65-69 years among men. The most common cancer among men were lung (CIR:7.4), stomach (5.9) and mouth (5.5); among women, the top ranking cancers were cervix (22.0), breast (17.8) and ovary (5.3). The new cancer burden was estimated as 2,302 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	23	8.9	16	6.6
15-34	42	11.1	58	15.2
35-64	473	111.8	708	160.5
65+	281	331.0	213	248.9

CIR, ASR, other rates are per 1,00,000 population

Male, Dindigul, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.9	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.026
C01-C02	Tongue	35	4.3	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.0	1.2	7.2	14.6	5.7	9.9	11.4	15.1	4.3	3.1	2.7	6.0	0.336
C03-C06	Mouth	63	7.7	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.4	4.6	12.0	19.5	13.4	15.9	28.5	18.9	12.9	5.5	4.9	10.8	0.584
C07-C08	Salivary Gland	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.012
C09-C10	Oropharynx	20	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.3	0.0	3.3	5.7	6.0	8.6	7.6	17.2	1.7	1.6	2.7	0.172
C11	Nasopharynx	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.2	1.6	0.0	2.0	0.0	0.0	0.0	0.3	0.3	0.8	0.030
C12-C13	Hypopharynx	22	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	4.9	3.8	4.0	25.7	11.3	4.3	1.9	1.8	2.2	0.260
C14	Pharynx unsp	5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	2.0	2.9	3.8	0.0	0.4	0.4	0.8	0.062
C15	Oesophagus	33	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.2	0.0	1.6	11.5	11.9	28.5	7.5	21.4	2.9	2.7	3.7	0.321
C16	Stomach	68	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.3	10.8	14.6	23.0	17.9	20.0	30.2	47.2	5.9	5.4	10.4	0.597
C17	Small Intestine	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.014
C18	Colon	32	3.9	0.0	0.0	0.0	0.0	1.1	0.0	0.0	3.4	1.2	3.6	11.4	3.8	9.9	11.4	15.1	8.6	2.8	2.5	5.2	0.304
C19-C20	Rectum	28	3.4	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.3	2.4	3.3	7.7	9.9	11.4	11.3	21.4	2.4	2.2	3.7	0.246
C21	Anus & Anal canal	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.2	0.2	0.2	0.006
C22	Liver etc.,	22	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.2	4.9	3.8	8.0	14.3	11.3	12.9	1.9	1.8	2.8	0.223
C23-C24	Gall Bladder etc.	14	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	3.3	1.9	6.0	8.6	7.6	8.6	1.2	1.1	1.8	0.142
C25	Pancreas	8	1.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.2	0.0	3.3	3.8	0.0	5.7	0.0	0.0	0.7	0.6	1.2	0.075
C26	Other G.I Tract	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	4.3	0.2	0.2	0.3	0.008
C30-C31	Nasal Cavity etc.	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.8	0.0	0.2	0.2	0.3	0.029
C32	Larynx	31	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	3.5	2.4	8.1	3.8	21.9	11.4	11.3	0.0	2.7	2.4	6.0	0.317
C33-C34	Lung	85	10.4	1.3	1.2	0.0	0.0	0.0	0.0	1.1	0.0	5.8	10.8	26.0	19.1	19.9	42.8	37.7	30.0	7.4	6.8	12.4	0.825
C37-C39	Oth Respiratory syst	3	0.4	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.2	1.6	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.019
C40-C41	Bone	8	1.0	1.3	0.0	2.0	1.1	0.0	1.0	1.1	0.0	1.2	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.7	0.7	0.2	0.053
C43	Melanoma of Skin	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	2.9	0.0	8.6	0.3	0.3	0.2	0.020
C44	Skin - others	12	1.5	0.0	0.0	0.0	0.0	1.1	1.0	0.0	0.0	2.3	1.2	0.0	1.9	4.0	5.7	0.0	8.6	1.0	1.0	1.4	0.086
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	2.9	0.0	0.0	0.2	0.2	0.3	0.022
C50	Breast	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.9	2.0	0.0	0.0	4.3	0.3	0.3	0.7	0.025
C60	Penis	11	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.4	4.9	0.0	0.0	5.7	7.5	0.0	1.0	0.8	1.7	0.114
C61	Prostate	22	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	1.9	8.0	22.8	11.3	12.9	1.9	1.8	2.0	0.238
C62	Testis	3	0.4	0.0	1.2	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.020
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	6	0.7	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.9	2.0	2.9	0.0	4.3	0.5	0.5	0.8	0.048
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	21	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.2	1.6	5.7	11.9	14.3	0.0	17.2	1.8	1.7	3.0	0.179
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	24	2.9	0.0	1.2	1.0	1.1	1.1	2.9	0.0	2.3	1.2	2.4	6.5	1.9	2.0	14.3	3.8	0.0	2.1	2.0	2.7	0.208
C73	Thyroid	10	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.5	0.0	3.3	3.8	2.0	2.9	0.0	0.0	0.9	0.8	1.9	0.082
C74	Adrenal Gland etc.,	1	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.006
C75	Endocrine Glands	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.2	0.2	0.0	0.020
C81	Hodgkin Disease	4	0.5	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	2.0	2.9	0.0	0.0	0.3	0.3	0.5	0.035
C82-86,96	Non-Hodg Lymphoma	23	2.8	0.0	0.0	0.0	0.0	2.1	1.0	0.0	1.1	2.3	3.6	3.3	7.6	6.0	8.6	3.8	4.3	2.0	1.8	3.6	0.197
C90	Multiple Myeloma	10	1.2	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.2	0.0	0.0	3.8	0.0	5.7	7.5	8.6	0.9	0.8	0.7	0.096
C91	Lymphoid Leukaemia	17	2.1	5.1	3.6	3.1	1.1	0.0	0.0	1.1	0.0	1.2	0.0	0.0	0.0	2.0	0.0	0.0	12.9	1.5	1.8	0.5	0.085
C92-C94	Myeloid Leukaemia	21	2.6	1.3	0.0	0.0	1.1	3.2	3.9	0.0	0.0	2.3	1.2	1.6	1.9	6.0	5.7	3.8	4.3	1.8	1.8	2.0	0.160
C95	Unspeci. Leukaemia	2	0.2	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.2	0.2	0.3	0.015
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	125	15.3	0.0	0.0	1.0	0.0	2.1	1.0	1.1	2.3	10.4	15.6	19.5	36.3	55.7	48.5	30.2	51.5	10.9	9.8	20.5	1.114
TOTAL		819	100.0	10.1	8.5	8.1	6.5	12.8	13.7	11.1	22.6	58.7	87.4	173.9	181.7	252.5	382.1	260.4	334.5	71.4	65.7	116.7	7.179

Female, Dindigul, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.1	0.1	0.0	0.020
C01-C02	Tongue	8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	3.6	5.7	2.8	0.0	0.0	0.7	0.6	1.7	0.073
C03-C06	Mouth	31	3.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	2.2	2.5	9.7	12.7	1.9	13.9	15.8	12.4	2.7	2.4	4.4	0.299
C07-C08	Salivary Gland	3	0.3	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.8	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.022
C09-C10	Oropharynx	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	2.8	0.0	0.0	0.2	0.2	0.2	0.020
C11	Nasopharynx	3	0.3	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.1	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.5	0.018
C12-C13	Hypopharynx	7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.0	0.0	1.2	1.6	3.6	1.9	0.0	0.0	0.0	0.6	0.5	1.4	0.052
C14	Pharynx unsp	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.2	0.1	0.2	0.019
C15	Oesophagus	24	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.2	3.7	8.1	9.1	7.6	2.8	3.9	8.2	2.1	1.8	4.8	0.192
C16	Stomach	44	4.4	0.0	0.0	0.0	1.1	0.0	1.0	1.1	4.0	6.7	7.5	9.7	9.1	5.7	19.5	15.8	0.0	3.8	3.3	7.0	0.404
C17	Small Intestine	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.1	0.1	0.0	0.000
C18	Colon	9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.2	3.2	3.6	3.8	0.0	3.9	0.0	0.8	0.7	1.7	0.085
C19-C20	Rectum	19	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.2	3.7	0.0	3.6	3.8	8.3	11.8	12.4	1.7	1.4	2.3	0.172
C21	Anus & Anal canal	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.1	0.1	0.0	0.000
C22	Liver etc.,	8	0.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	0.0	3.6	1.9	2.8	3.9	0.0	0.7	0.7	1.2	0.080
C23-C24	Gall Bladder etc.	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.8	1.9	2.8	0.0	0.0	0.3	0.3	0.7	0.039
C25	Pancreas	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.6	0.0	5.6	0.0	0.0	0.4	0.4	0.7	0.054
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	4.1	0.3	0.2	0.5	0.018
C32	Larynx	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.2	0.0	5.5	0.0	2.8	0.0	0.0	0.5	0.4	0.9	0.053
C33-C34	Lung	23	2.3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	3.0	2.2	5.0	3.2	1.8	3.8	11.1	11.8	4.1	2.0	1.7	3.2	0.215
C37-C39	Oth Respiratory syst	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
C40-C41	Bone	3	0.3	0.0	0.0	0.0	1.1	0.0	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.017
C43	Melanoma of Skin	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	2.8	3.9	0.0	0.3	0.3	0.5	0.052
C44	Skin - others	8	0.8	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.0	1.1	0.0	0.0	1.8	0.0	0.0	3.9	12.4	0.7	0.6	0.6	0.045
C45	Mesothelioma	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	10	1.0	0.0	0.0	1.1	0.0	1.0	1.0	0.0	0.0	2.2	1.2	1.6	1.8	1.9	0.0	3.9	0.0	0.9	0.8	1.4	0.079
C50	Breast	205	20.6	0.0	0.0	0.0	0.0	0.0	1.0	5.4	16.8	33.3	50.9	56.6	36.4	53.2	52.8	19.7	16.5	17.8	15.2	40.2	1.617
C51	Vulva	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	3.6	0.0	0.0	0.0	0.0	0.3	0.2	0.7	0.024
C52	Vagina	8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.1	0.0	0.0	3.6	3.8	0.0	3.9	4.1	0.7	0.6	1.2	0.068
C53	Cervix	253	25.4	0.0	0.0	0.0	0.0	0.0	0.0	4.3	5.9	29.9	46.0	66.2	83.8	74.0	61.2	90.7	33.0	22.0	19.1	46.9	2.284
C54	Corpus Uteri	25	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.5	8.1	14.6	7.6	13.9	0.0	0.0	2.2	1.9	4.9	0.239
C55	Uterus unsp.	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C56	Ovary	61	6.1	0.0	0.0	0.0	2.3	0.0	1.9	1.1	5.9	6.7	16.1	11.3	16.4	11.4	13.9	11.8	4.1	5.3	4.6	11.0	0.493
C57	Oth female Genital	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.011
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	7	0.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	0.0	1.8	0.0	8.3	0.0	0.0	0.6	0.6	0.7	0.069
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	11	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	5.6	11.8	4.1	1.0	0.9	1.2	0.132
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.007
C70-C72	Brain & CNS	18	1.8	1.3	2.6	0.0	0.0	0.0	1.0	1.1	0.0	2.2	1.2	6.5	7.3	0.0	2.8	3.9	0.0	1.6	1.6	2.7	0.150
C73	Thyroid	28	2.8	0.0	0.0	0.0	0.0	2.1	1.9	6.4	3.0	2.2	2.5	1.6	5.5	1.9	2.8	7.9	12.4	2.4	2.0	2.7	0.189
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	2	0.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.010
C82-86,96	Non-Hodg Lymphoma	12	1.2	0.0	2.6	0.0	0.0	2.1	0.0	1.1	0.0	1.1	0.0	1.6	5.5	3.8	0.0	0.0	0.0	1.0	1.0	1.7	0.089
C90	Multiple Myeloma	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.8	0.0	2.8	3.9	0.0	0.3	0.3	0.5	0.051
C91	Lymphoid Leukaemia	9	0.9	1.3	1.3	2.2	1.1	1.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	3.9	4.1	0.8	0.9	0.3	0.063
C92-C94	Myeloid Leukaemia	12	1.2	0.0	1.3	0.0	0.0	1.0	0.0	1.1	2.0	1.1	1.2	3.2	3.6	0.0	2.8	0.0	0.0	1.0	0.9	1.8	0.087
C95	Unspeci. Leukaemia	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.8	0.0	0.0	0.2	0.2	0.2	0.023
Oth & Unsp	Others & Unspecified	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.1	0.1	0.2	0.009
C76-80	Primary Uncertain	99	9.9	0.0	0.0	0.0	1.1	1.0	2.9	3.2	4.0	7.8	7.5	21.0	32.8	28.5	41.7	15.8	37.1	8.6	7.6	15.0	0.833
TOTAL		995	100.0	5.4	9.2	5.4	6.9	10.3	11.5	32.2	50.5	112.0	165.2	223.0	302.3	225.9	292.0	256.3	177.3	86.4	75.7	167.5	8.186

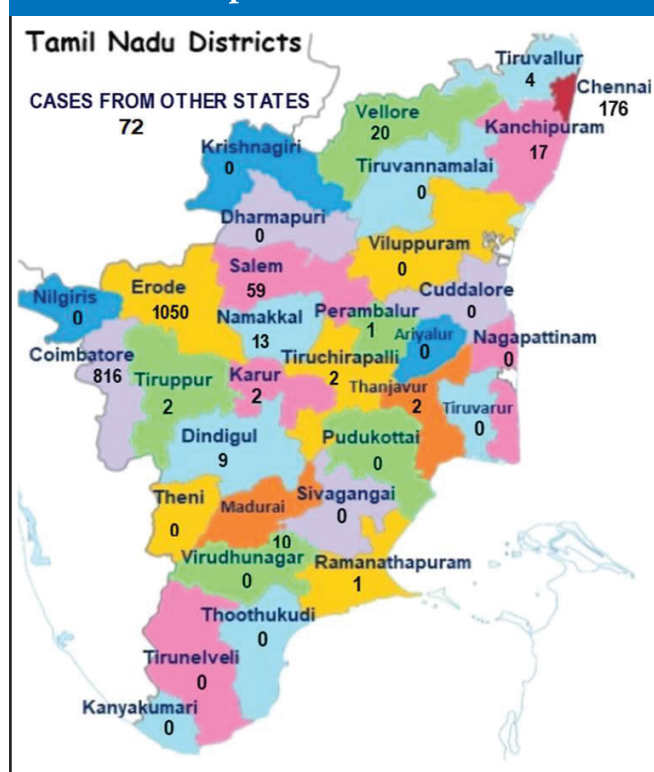
Residence District: Erode

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	931	905	1009	1023	1080	1100	1138	1176	1301
FEMALE	954	1058	1104	1073	1176	1188	1229	1269	1280
TOTAL	1885	1963	2113	2096	2256	2288	2367	2445	2581

Year - 2016

New Cases - 2256

No. of Cases Reported from the Source District



No. of Cases by Major Sources

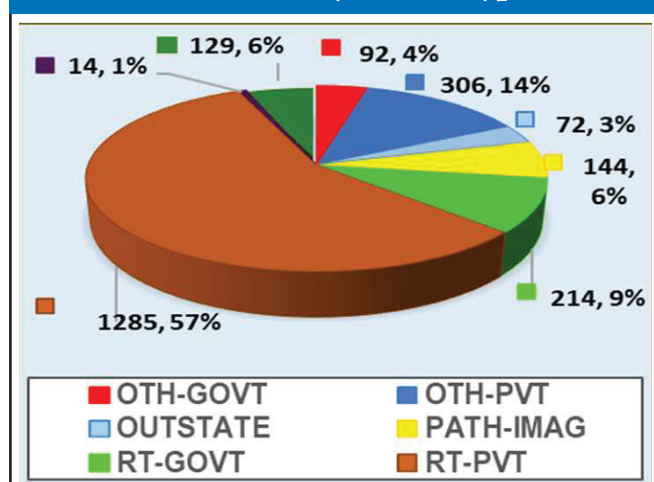
SOURCE NAME	DISTRICT	No.
Erode Cancer Cent.	Erode	541
G Kuppasamy Naidu Mem. Hosp	Coimbatore	264
Sri Ramakrishna Inst. of Oncol	Coimbatore	167
DPH - EROD	Erode	126
RCC Coimbatore Govt.Med. Coll	Coimbatore	121
Cancer Institute (WIA) - Adyar	Chennai	115
Cyto Lab	Erode	89
Kovai Med. Center & Hosp.	Coimbatore	76
Ashwin Hosp.	Coimbatore	70
Kovai Med.Cent.Hosp.	Erode	57
JIPMER	Pondicherry	56
Sai Subramanian Lab	Coimbatore	50
PSG Inst. of Med. Sciences & R	Coimbatore	46
Govt. Mohan Kumaramangalam	Salem	41
Rajiv Gandhi Govt. General Hos	Chennai	25
Care 24 Med. Centre	Erode	25
Valli Hosp.	Erode	21
Lotus Hosp.	Erode	21
Govt. Inst. of Road Transport	Erode	20
Christian Med. Coll. Hosp.	Vellore	20

As per 2011 census

AREA (km²) : 5722

URBAN - RURAL (Ratio) 1 : 0.94

No. of Cases by Source Type



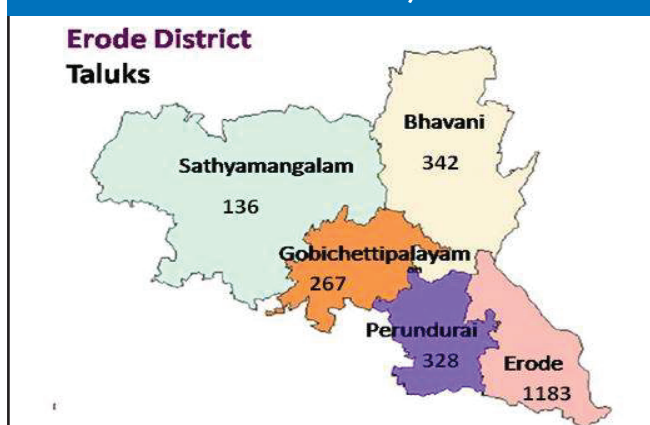
Population Pyramid 2016

Nos.	MALE (%)	FEMALE (%)	Nos.
33547	2.7	3.0	37297
32119	2.6	2.7	32876
43288	3.5	3.7	45690
61002	5.0	5.0	61193
69500	5.7	5.6	68732
79604	6.5	6.3	77344
94880	7.8	7.9	97359
92029	7.5	8.1	99613
91231	7.5	8.4	103990
98207	8.0	8.0	97897
101889	8.3	8.3	102565
94450	7.7	7.7	95046
94783	7.8	6.8	83838
92152	7.5	7.1	86905
74123	6.1	5.9	72660
68030	5.6	5.5	67882

Residence District: Erode

Year: 2016

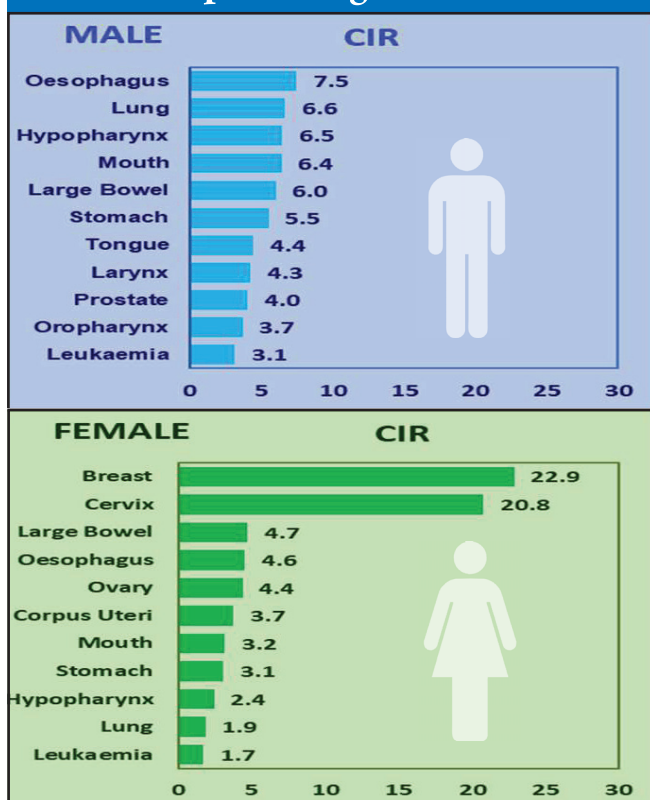
No. of New Cases by Taluks



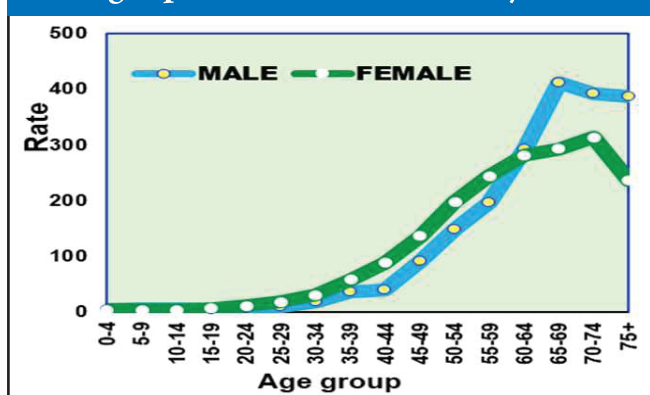
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1080	1176	2256
%	47.9	52.1	100.0
CIR	88.5	95.6	92.0
CR% (0-74 YEARS)	8.010	8.124	8.064
ASR	69.9	74.0	71.9

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	14	6.0	10	4.4
15-34	41	10.5	66	17.4
35-64	591	121.0	775	152.5
65+	434	398.3	325	280.5

CIR, ASR, other rates are per 1,00,000 population

Male, Erode, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.6	0.0	0.0	0.0	0.2	0.2	0.6	0.023
C01-C02	Tongue	54	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	1.1	3.2	13.8	5.8	18.0	23.1	21.8	14.9	4.4	3.5	6.3	0.444
C03-C06	Mouth	78	7.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	5.5	6.5	10.5	12.6	24.5	11.5	20.8	24.9	14.9	6.4	4.9	11.0	0.588
C07-C08	Salivary Gland	6	0.6	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.1	0.0	2.5	0.0	0.0	0.0	0.0	6.0	0.5	0.4	0.6	0.023
C09-C10	Oropharynx	45	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	1.1	5.3	8.8	5.8	14.8	11.6	18.7	17.9	3.7	2.8	5.5	0.340
C11	Nasopharynx	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.3	4.6	0.0	0.0	0.4	0.3	0.6	0.047
C12-C13	Hypopharynx	79	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	3.2	12.6	8.6	19.7	48.5	34.3	35.8	6.5	5.1	7.1	0.654
C14	Pharynx unsp	12	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.5	0.0	4.9	11.6	3.1	0.0	1.0	0.8	1.2	0.116
C15	Oesophagus	91	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	5.4	6.3	13.8	28.8	21.3	34.7	37.4	23.9	7.5	5.7	11.2	0.741
C16	Stomach	67	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.3	4.2	8.8	10.1	21.3	30.0	21.8	35.8	5.5	4.3	6.9	0.501
C17	Small Intestine	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.5	0.0	1.6	0.0	3.1	0.0	0.4	0.3	0.8	0.042
C18	Colon	33	3.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	4.2	8.8	1.4	6.6	16.2	15.6	11.9	2.7	2.1	3.3	0.269
C19-C20	Rectum	40	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	8.8	8.6	9.8	20.8	18.7	6.0	3.3	2.5	4.6	0.353
C21	Anus & Anal canal	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.2	0.2	0.6	0.025
C22	Liver etc.,	26	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	1.3	1.4	8.2	13.9	12.5	17.9	2.1	1.7	2.1	0.202
C23-C24	Gall Bladder etc.	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	1.4	0.0	0.0	3.1	0.0	0.3	0.2	0.6	0.034
C25	Pancreas	12	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	2.9	3.3	4.6	3.1	6.0	1.0	0.8	1.4	0.088
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	6.2	0.0	0.2	0.2	0.2	0.040
C32	Larynx	52	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	2.2	5.3	6.3	11.5	13.1	18.5	15.6	26.8	4.3	3.3	5.8	0.372
C33-C34	Lung	81	7.5	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.1	4.3	5.3	10.1	15.8	27.9	34.7	40.5	17.9	6.6	5.2	9.3	0.701
C37-C39	Oth Respiratory syst	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.9	0.0	2.3	3.1	0.0	0.4	0.3	0.6	0.048
C40-C41	Bone	11	1.0	0.0	0.0	0.0	1.1	3.2	1.0	0.0	1.1	0.0	1.1	0.0	1.4	1.6	4.6	0.0	0.0	0.9	0.8	0.8	0.076
C43	Melanoma of Skin	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.2	0.1	0.4	0.016
C44	Skin - others	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	2.3	9.3	0.0	0.4	0.3	0.2	0.064
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	11	1.0	1.5	0.0	0.0	1.1	0.0	0.0	1.0	1.1	0.0	3.2	1.3	0.0	3.3	2.3	0.0	0.0	0.9	0.9	1.5	0.073
C50	Breast	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.4	1.6	2.3	0.0	3.0	0.4	0.3	0.6	0.032
C60	Penis	20	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	3.2	2.5	4.3	4.9	6.9	3.1	8.9	1.6	1.3	2.6	0.136
C61	Prostate	49	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	5.8	9.8	27.7	34.3	44.7	4.0	3.1	2.2	0.393
C62	Testis	2	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.010
C63	Oth Male Genital	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C64	Kidney	10	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	0.0	2.9	4.9	4.6	0.0	0.0	0.8	0.6	1.6	0.078
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C67	Bladder	21	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.9	9.8	6.9	6.2	17.9	1.7	1.3	2.0	0.142
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
C70-C72	Brain & CNS	22	2.0	0.0	0.0	2.2	1.1	0.0	1.0	2.0	5.5	2.2	4.2	2.5	1.4	1.6	2.3	0.0	0.0	1.8	1.5	3.1	0.130
C73	Thyroid	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.0	0.0	0.0	0.0	0.0	2.3	0.0	3.0	0.3	0.3	0.2	0.022
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	3.0	0.2	0.1	0.2	0.006
C81	Hodgkin Disease	4	0.4	0.0	0.0	0.0	1.1	1.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.3	0.3	0.2	0.024
C82-86,96	Non-Hodg Lymphoma	32	3.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	5.5	2.2	2.1	5.0	8.6	9.8	2.3	6.2	3.0	2.6	2.2	5.1	0.229
C90	Multiple Myeloma	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	0.0	1.4	0.0	2.3	0.0	0.0	0.3	0.3	0.6	0.029
C91	Lymphoid Leukaemia	15	1.4	1.5	1.3	3.3	1.1	1.1	2.0	1.0	0.0	0.0	1.1	0.0	1.4	3.3	2.3	0.0	0.0	1.2	1.3	0.8	0.096
C92-C94	Myeloid Leukaemia	17	1.6	0.0	0.0	0.0	0.0	1.1	1.0	4.1	4.4	0.0	3.2	2.5	2.9	0.0	0.0	0.0	0.0	1.4	1.1	2.2	0.095
C95	Unspeci. Leukaemia	6	0.6	1.5	0.0	1.1	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	3.0	0.5	0.5	0.4	0.034
Oth & Unsp	Others & Unspecified	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.2	0.1	0.2	0.013
C76-80	Primary Uncertain	129	11.9	0.0	1.3	0.0	0.0	0.0	0.0	4.1	2.2	2.2	12.6	10.0	28.8	36.1	46.2	49.8	65.6	10.6	8.2	13.3	0.965
TOTAL		1080	100.0	4.4	6.7	6.5	5.3	7.4	9.8	19.3	36.2	40.2	91.7	148.2	197.1	293.4	411.2	392.3	387.5	88.5	69.9	119.7	8.010

Female, Erode, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
C01-C02	Tongue	21	1.8	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	2.0	3.1	9.1	2.9	3.3	2.2	3.0	2.7	1.7	1.3	3.4	0.137
C03-C06	Mouth	39	3.3	0.0	0.0	0.0	0.0	1.1	0.0	2.0	0.0	4.0	2.1	5.2	5.8	14.7	6.6	21.3	8.0	3.2	2.4	4.7	0.314
C07-C08	Salivary Gland	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.9	3.3	0.0	3.0	0.0	0.5	0.4	1.0	0.051
C09-C10	Oropharynx	13	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	4.4	4.9	2.2	3.0	8.0	1.1	0.8	1.6	0.086
C11	Nasopharynx	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C12-C13	Hypopharynx	30	2.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	4.0	2.1	3.9	7.3	8.2	4.4	9.1	10.7	2.4	1.8	4.0	0.204
C14	Pharynx unsp	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.5	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.014
C15	Oesophagus	56	4.8	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.9	1.0	3.1	5.2	10.2	19.6	15.3	27.4	21.5	4.6	3.4	6.0	0.432
C16	Stomach	38	3.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.8	2.0	5.1	7.8	7.3	6.5	6.6	12.2	10.7	3.1	2.3	5.2	0.261
C17	Small Intestine	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.1	0.1	0.0	0.000
C18	Colon	19	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.6	2.9	8.2	2.2	12.2	5.4	1.5	1.2	2.4	0.155
C19-C20	Rectum	39	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	1.0	5.1	9.1	4.4	14.7	6.6	9.1	13.4	3.2	2.4	5.3	0.264
C21	Anus & Anal canal	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.3	0.0	0.0	0.0	0.2	0.2	0.6	0.024
C22	Liver etc.,	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.5	1.6	2.2	3.0	0.0	0.4	0.3	0.6	0.048
C23-C24	Gall Bladder etc.	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.0	0.0	2.7	0.2	0.2	0.4	0.015
C25	Pancreas	11	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.1	1.3	2.9	4.9	2.2	3.0	0.0	0.9	0.7	1.6	0.087
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	2	0.2	0.0	0.0	0.0	0.0	1.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.010
C32	Larynx	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	1.3	1.5	1.6	2.2	0.0	0.0	0.5	0.4	1.0	0.043
C33-C34	Lung	23	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.1	0.0	8.7	4.9	13.1	9.1	5.4	1.9	1.4	2.3	0.195
C37-C39	Oth Respiratory syst	4	0.3	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.2	3.0	0.0	0.3	0.3	0.2	0.039
C40-C41	Bone	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.0	2.6	0.0	1.6	0.0	0.0	0.0	0.5	0.4	1.2	0.036
C43	Melanoma of Skin	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	3.3	2.2	0.0	0.0	0.3	0.3	0.6	0.032
C44	Skin - others	11	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	2.9	1.6	2.2	3.0	10.7	0.9	0.6	1.0	0.060
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	9	0.8	0.0	0.0	1.2	0.0	1.1	0.0	0.0	1.9	1.0	2.1	0.0	0.0	0.0	0.0	0.0	5.4	0.7	0.6	1.0	0.036
C50	Breast	282	24.0	0.0	0.0	0.0	0.0	1.1	6.8	12.3	25.0	26.1	50.3	62.1	65.5	45.8	43.8	36.5	21.5	22.9	17.5	44.0	1.859
C51	Vulva	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.6	4.4	0.0	0.0	0.3	0.3	0.4	0.035
C52	Vagina	9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	4.4	0.0	2.2	6.1	2.7	0.7	0.5	1.0	0.075
C53	Cervix	256	21.8	0.0	0.0	0.0	0.0	1.1	2.0	5.1	10.6	29.1	24.7	40.1	52.4	80.1	74.4	57.8	40.2	20.8	15.9	36.0	1.868
C54	Corpus Uteri	46	3.9	0.0	0.0	0.0	0.0	1.1	0.0	1.0	1.0	1.0	1.0	11.6	11.6	11.4	17.5	12.2	13.4	3.7	2.9	5.4	0.346
C55	Uterus unsp.	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	3.0	0.0	0.2	0.1	0.2	0.022
C56	Ovary	54	4.6	0.0	0.0	0.0	1.2	1.1	1.0	0.0	1.0	6.0	4.1	7.8	11.6	11.4	17.5	21.3	10.7	4.4	3.4	6.4	0.419
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.005
C64	Kidney	6	0.5	1.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.1	0.0	1.5	0.0	2.2	0.0	0.0	0.5	0.5	0.6	0.041
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	11	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.3	1.5	3.3	6.6	3.0	2.7	0.9	0.7	1.2	0.088
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	4.4	1.6	2.2	0.0	0.0	0.6	0.4	1.2	0.052
C73	Thyroid	14	1.2	0.0	0.0	0.0	1.2	0.0	2.0	0.0	1.0	1.0	4.1	0.0	0.0	0.0	6.6	3.0	2.7	1.1	0.9	1.2	0.094
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	2	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.010
C82-86,96	Non-Hodg Lymphoma	15	1.3	0.0	0.0	1.2	0.0	2.1	0.0	1.0	1.0	0.0	0.0	2.6	2.9	3.3	6.6	0.0	2.7	1.2	1.0	1.4	0.103
C90	Multiple Myeloma	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.6	2.9	0.0	0.0	0.0	0.0	0.5	0.4	1.2	0.038
C91	Lymphoid Leukaemia	11	0.9	2.9	0.0	1.2	2.4	0.0	0.0	0.0	0.0	1.0	1.0	1.3	2.9	0.0	0.0	3.0	0.0	0.9	1.0	1.0	0.079
C92-C94	Myeloid Leukaemia	8	0.7	0.0	2.8	0.0	1.2	0.0	1.0	0.0	0.0	0.0	2.1	1.3	0.0	0.0	0.0	3.0	0.0	0.7	0.7	0.6	0.057
C95	Unspeci. Leukaemia	2	0.2	0.0	1.4	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.012
Oth & Uns	Others & Unspecified	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.0	0.0	0.2	0.1	0.0	0.026
C76-80	Primary Uncertain	85	7.2	0.0	0.0	1.2	1.2	1.1	0.0	3.1	1.0	4.0	10.3	7.8	11.6	14.7	35.0	39.5	32.2	6.9	5.3	7.6	0.651
TOTAL		1176	100.0	4.4	4.1	4.6	7.2	11.6	18.5	30.6	58.7	88.3	136.6	197.8	244.4	281.1	293.3	313.3	236.0	95.6	74.0	154.6	8.124

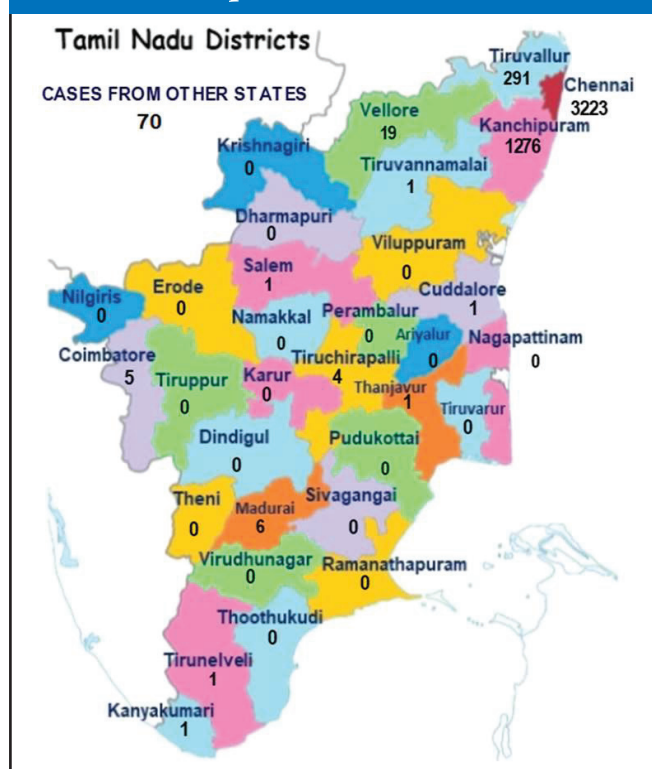
Residence District: Kanchipuram

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	1787	1763	2116	2142	2220	2379	2504	2628	2753
FEMALE	2107	2318	2471	2657	2680	2892	3041	3189	3338
TOTAL	3894	4081	4587	4799	4900	5271	5545	5817	6091

Year - 2016

New Cases - 4900

No. of Cases Reported from the Source District



No. of Cases by Major Sources

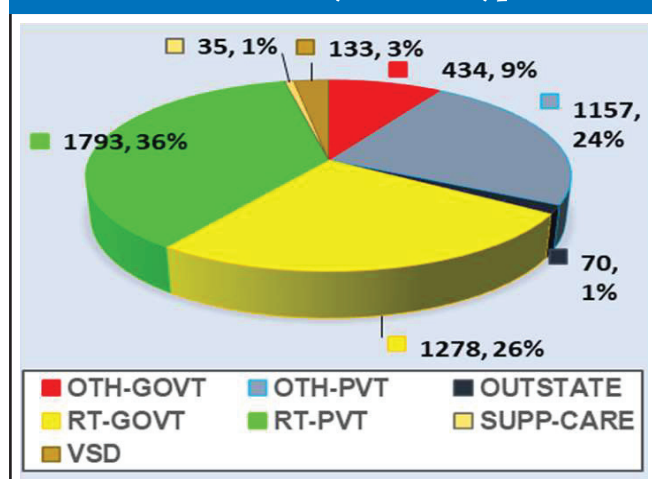
SOURCE NAME	DISTRICT	No.
Cancer Institute (WIA) - Adyar	Chennai	1042
Rajiv Gandhi Govt. General Hos	Chennai	553
RCC Govt. Arignar Anna Mem. Ca	Kanchipuram	356
Sri Ramachandra Med.Coll. & Re	Tiruvallur	232
Apollo Hosp. Grems Road	Chennai	230
Govt. Royapettah Hosp.	Chennai	202
Dr Kamakshi Memorial Hosp. - P	Kanchipuram	152
Tamilnadu Govt Multi Super Spe	Chennai	131
Karpaga Vinayaga Inst. Med. Sc	Kanchipuram	103
Govt. Chengalpet Med. Coll. Ho	Kanchipuram	99
V S Hospitals Advanced Cancer	Chennai	94
Sree Balaji Med.Coll. & Hosp.	Kanchipuram	89
Govt. Stanley Med. Coll.	Chennai	85
Govt. Hosp. for Women & Chil	Chennai	79
E S I Hosp. - K.K.Nagar	Chennai	69
Billroth Hosp. - Shenoy Nagar	Chennai	67
DPH - CHEN	Chennai	63
Madras Cancer Care Foundation	Chennai	60
SIMS Hosp. - Vadapalani	Chennai	56
Melmaruvathur Adhiparasakthi I	Kanchipuram	54

As per 2011 census

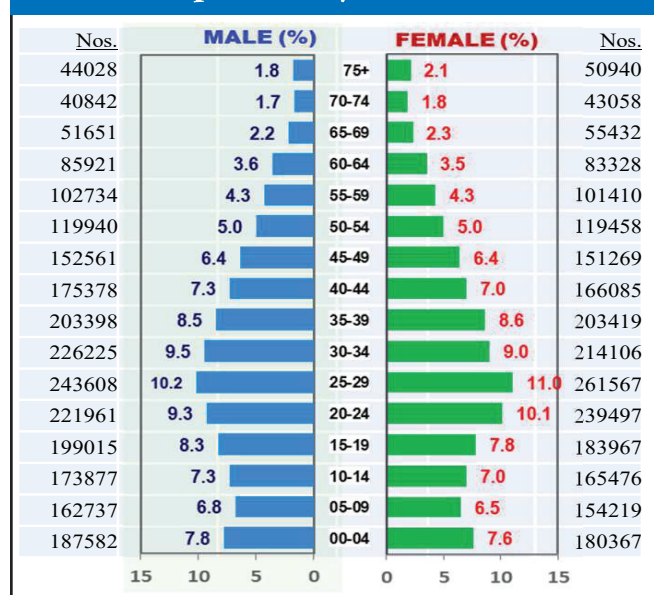
AREA (km²) : 4393

URBAN - RURAL (Ratio) 1 : 0.58

No. of Cases by Source Type



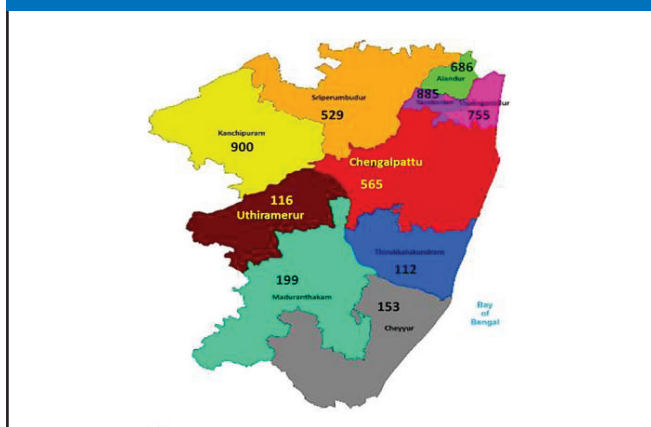
Population Pyramid 2016



Residence District: Kanchipuram

Year: 2016

No. of New Cases by Taluks

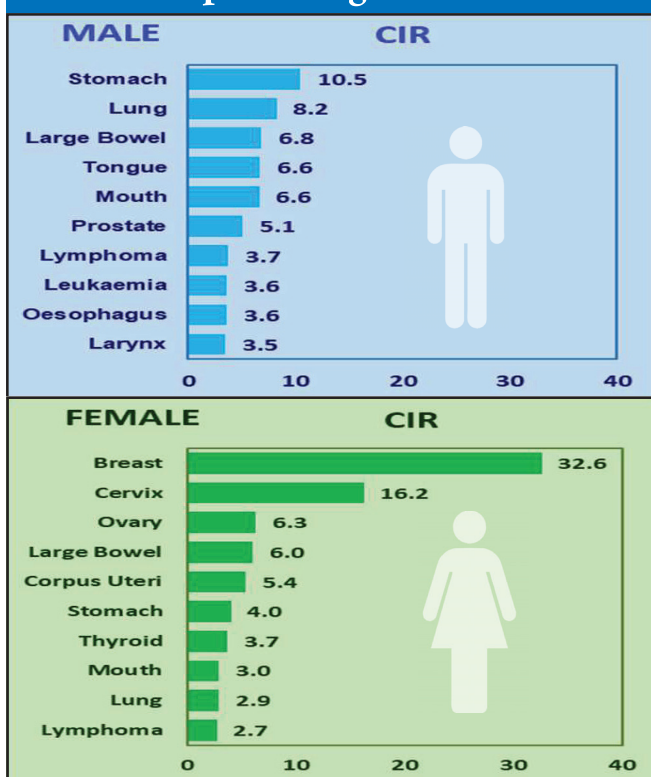


Cancer Incidence Statistics

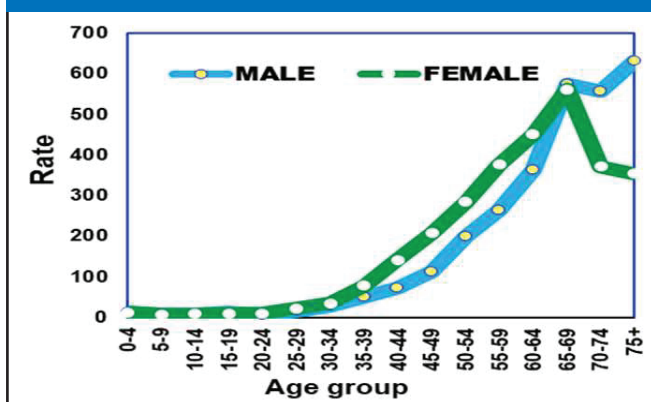
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	2220	2680	4900
%	45.3	54.7	100.0
CIR	92.8	112.9	102.8
CR% (0-74 YEARS)	10.796	12.089	11.432
ASR	98.0	112.9	105.1

A total of 4,900 new cancers, diagnosed in year 2016, were registered among 4.77 million population with a female (2,680) preponderance (1:1.21) ranking second from top among districts. Almost two-third of cases were registered from hospitals located in Chennai city followed by those in Kanchipuram (26%) and Tiruvallur (5.9%) districts. A majority were either first diagnosed and/or registered for TNCRP at the Cancer Institute (W.I.A), Chennai (21.3%) followed by RGGGH, Chennai (11.3%) and Government Arignar Anna Memorial Cancer Hospital (7.3%). All hospitals with radiotherapy facility in government and non-government sectors together accounted for 26% and 36% respectively; cases registered based on a death certificate only were 3%. The average annual CIR per 100,000 population for all cancers together was higher among women (112.9) than men (92.8) ranking third among districts for both sexes together (102.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 9. The number of cases of all cancers together were the highest in 35-64 years age-group (61.8%) while the peak incidence rate was observed in 65-69 years among women and 75+ years among men. The most common cancers among men were stomach (CIR:10.5), lung (8.2) and large bowel (6.8); among women, the order was breast (32.6), cervix (16.2) and ovary (6.3). The new cancer burden of all cancers together was estimated as 6,091 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	55	10.5	48	9.6
15-34	141	15.8	175	19.5
35-64	1222	145.5	1806	218.9
65+	802	587.5	651	435.7

CIR, ASR, other rates are per 1,00,000 population

Male, Kanchipuram, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	2.3	0.0	0.0	1.0	0.0	1.9	0.0	2.3	0.3	0.3	0.6	0.028
C01-C02	Tongue	159	7.2	0.0	0.0	0.0	0.0	0.0	0.8	3.5	8.9	9.7	15.1	18.3	14.6	23.3	19.4	36.7	20.4	6.6	6.5	14.4	0.750
C03-C06	Mouth	158	7.1	0.0	0.0	0.0	0.0	0.0	0.4	1.3	3.0	10.3	11.8	20.8	20.4	19.8	29.0	41.6	38.6	6.6	6.7	13.4	0.791
C07-C08	Salivary Gland	11	0.5	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.5	0.6	0.0	2.5	0.0	2.3	0.0	2.4	0.0	0.5	0.4	0.9	0.048
C09-C10	Oropharynx	55	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	2.6	5.8	11.7	14.0	17.4	12.2	9.1	2.3	2.5	4.9	0.324
C11	Nasopharynx	11	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.4	0.5	0.6	1.3	0.8	1.9	1.2	0.0	0.0	0.0	0.5	0.4	1.0	0.039
C12-C13	Hypopharynx	62	2.8	0.0	0.0	0.0	0.0	0.5	0.0	0.9	0.5	1.1	3.3	6.7	9.7	11.6	11.6	12.2	27.3	2.6	2.7	4.8	0.291
C14	Pharynx unsp	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.4	0.0	0.1	0.1	0.0	0.022
C15	Oesophagus	85	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.6	4.6	10.0	7.8	17.5	25.2	26.9	36.3	3.6	3.9	6.0	0.466
C16	Stomach	250	11.3	0.0	0.0	0.0	0.0	0.0	1.2	3.1	4.4	9.1	17.0	28.4	29.2	43.1	71.6	61.2	59.1	10.5	11.0	19.8	1.333
C17	Small Intestine	6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	1.2	1.9	0.0	4.5	0.3	0.3	0.4	0.021
C18	Colon	73	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.0	4.0	3.3	7.5	8.8	15.1	21.3	22.0	11.4	3.1	3.2	6.1	0.421
C19-C20	Rectum	89	4.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	3.4	1.7	5.2	6.7	11.7	19.8	31.0	14.7	22.7	3.7	4.0	7.1	0.474
C21	Anus & Anal canal	22	1.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5	1.7	0.7	0.8	1.9	5.8	9.7	2.4	2.3	0.9	1.0	1.7	0.122
C22	Liver etc.,	77	3.5	0.5	0.0	0.0	0.5	0.5	0.0	0.4	1.5	0.6	2.0	6.7	12.7	14.0	27.1	22.0	22.7	3.2	3.5	5.3	0.441
C23-C24	Gall Bladder etc.	23	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	2.3	0.0	2.5	1.0	7.0	3.9	0.0	9.1	1.0	1.0	2.1	0.091
C25	Pancreas	28	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.6	1.3	0.8	4.9	4.7	9.7	12.2	6.8	1.2	1.3	1.8	0.175
C26	Other G.I Tract	3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.2	1.9	0.0	0.0	0.1	0.1	0.2	0.018
C30-C31	Nasal Cavity etc.	14	0.6	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.6	1.3	1.7	1.0	4.7	1.9	0.0	2.3	0.6	0.6	1.4	0.060
C32	Larynx	83	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	4.6	6.7	15.6	22.1	29.0	17.1	18.2	3.5	3.8	7.2	0.483
C33-C34	Lung	197	8.9	0.0	0.0	0.0	0.0	0.0	0.4	0.9	3.4	5.7	5.9	17.5	23.4	36.1	71.6	58.8	70.4	8.2	9.0	13.4	1.112
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	19	0.9	0.5	0.0	1.7	3.5	0.5	0.8	0.0	0.5	0.0	2.0	0.0	0.0	1.2	0.0	0.0	0.0	0.8	0.8	0.6	0.054
C43	Melanoma of Skin	8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.0	0.0	1.0	1.2	1.9	2.4	0.0	0.3	0.3	0.7	0.043
C44	Skin - others	35	1.6	1.1	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.6	0.7	2.5	6.8	3.5	13.6	7.3	13.6	1.5	1.7	2.0	0.185
C45	Mesothelioma	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.1	0.0	0.010
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	30	1.4	0.0	0.6	0.0	0.5	0.0	0.4	0.4	1.0	1.7	2.0	1.7	2.9	4.7	3.9	4.9	11.4	1.3	1.3	2.1	0.123
C50	Breast	12	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.9	2.3	1.9	2.4	4.5	0.5	0.5	1.1	0.058
C60	Penis	45	2.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.5	0.6	3.3	4.2	12.7	5.8	7.7	9.8	6.8	1.9	1.9	4.1	0.232
C61	Prostate	121	5.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.6	1.3	4.2	1.9	9.3	48.4	73.5	106.8	5.1	5.9	2.5	0.696
C62	Testis	14	0.6	0.0	0.0	0.0	0.0	0.5	1.6	1.3	0.0	1.7	0.0	0.0	1.0	1.2	1.9	0.0	0.0	0.6	0.5	0.6	0.046
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	35	1.6	0.5	0.0	0.0	0.0	0.0	0.4	0.4	0.5	0.6	2.0	5.0	5.8	5.8	5.8	9.8	6.8	1.5	1.5	2.9	0.183
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	35	1.6	0.0	0.0	0.0	0.0	0.5	0.0	0.9	0.0	0.0	0.0	0.8	3.9	9.3	9.7	12.2	20.4	1.5	1.6	1.8	0.186
C68	Urethra	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	2.4	0.0	0.1	0.1	0.1	0.016
C69	Eye And Adnexa	2	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.1	0.1	0.0	0.003
C70-C72	Brain & CNS	68	3.1	0.5	2.5	1.7	2.0	0.5	0.4	1.8	3.4	1.7	2.6	7.5	9.7	9.3	9.7	9.8	0.0	2.8	2.9	5.2	0.316
C73	Thyroid	31	1.4	0.0	0.0	0.0	0.0	0.0	0.8	2.2	2.5	0.6	2.0	1.7	5.8	2.3	0.0	9.8	2.3	1.3	1.1	2.3	0.138
C74	Adrenal Gland etc.,	5	0.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.2	0.0	0.0	0.0	0.2	0.3	0.3	0.017
C75	Endocrine Glands	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C81	Hodgkin Disease	24	1.1	1.1	0.0	1.2	1.0	0.0	1.2	1.3	0.0	0.6	0.7	3.3	1.9	4.7	0.0	0.0	0.0	1.0	1.0	1.6	0.085
C82-86,96	Non-Hodg Lymphoma	63	2.8	1.6	1.8	0.6	0.0	0.0	1.2	0.4	1.5	2.9	2.6	5.0	6.8	4.7	19.4	26.9	4.5	2.6	2.9	3.6	0.377
C90	Multiple Myeloma	16	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	2.5	2.9	0.0	9.7	2.4	2.3	0.7	0.7	1.1	0.097
C91	Lymphoid Leukaemia	33	1.5	4.8	3.1	0.6	3.0	0.0	0.0	0.4	1.5	0.0	0.7	0.0	0.0	5.8	1.9	0.0	2.3	1.4	1.7	1.2	0.109
C92-C94	Myeloid Leukaemia	46	2.1	1.1	0.0	2.3	1.0	0.5	2.1	2.2	3.0	1.7	2.0	1.7	1.9	5.8	5.8	2.4	4.5	1.9	1.9	2.6	0.167
C95	Unspeci. Leukaemia	6	0.3	0.5	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.6	0.7	0.8	0.0	0.0	0.0	0.0	2.3	0.3	0.3	0.4	0.015
Oth & Unsp	Others & Unspecified	11	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.6	0.0	0.0	0.0	2.3	7.7	0.0	4.5	0.5	0.5	0.4	0.058
C76-80	Primary Uncertain	140	6.3	0.0	0.0	0.0	0.5	1.4	0.0	1.8	2.0	3.4	5.9	12.5	16.5	18.6	36.8	34.3	72.7	5.9	6.2	8.7	0.667
TOTAL		2220	100.0	14.4	8.0	8.6	13.6	5.9	14.8	28.7	50.6	73.6	111.4	198.4	262.8	363.1	575.0	555.8	631.5	92.8	98.0	158.4	10.796

Female, Kanchipuram, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	3.6	0.0	3.9	0.3	0.3	0.3	0.029
C01-C02	Tongue	44	1.6	0.0	0.0	0.0	0.0	0.0	0.4	0.5	1.5	3.6	3.3	4.2	6.9	8.4	9.0	4.6	3.9	1.9	1.8	4.3	0.212
C03-C06	Mouth	70	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.6	2.6	8.4	15.8	12.0	12.6	11.6	21.6	3.0	3.0	6.2	0.336
C07-C08	Salivary Gland	15	0.6	0.0	0.0	0.0	0.5	0.4	0.0	0.5	0.5	0.6	0.7	2.5	3.0	0.0	1.8	0.0	3.9	0.6	0.6	1.1	0.052
C09-C10	Oropharynx	7	0.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	2.0	2.4	0.0	0.0	0.0	0.3	0.3	0.8	0.030
C11	Nasopharynx	4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.0	0.0	0.0	0.0	2.0	0.2	0.2	0.4	0.012
C12-C13	Hypopharynx	41	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.5	3.6	2.6	1.7	6.9	7.2	12.6	4.6	3.9	1.7	1.7	3.6	0.209
C14	Pharynx unsp	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.003
C15	Oesophagus	53	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.6	5.3	5.9	7.9	1.2	16.2	18.6	13.7	2.2	2.3	3.4	0.288
C16	Stomach	95	3.5	0.0	0.0	0.0	0.0	0.0	1.1	0.9	2.5	4.2	6.0	10.1	12.8	19.2	25.3	18.6	11.8	4.0	4.1	8.2	0.502
C17	Small Intestine	4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.7	0.0	1.2	0.0	0.0	0.0	0.2	0.2	0.5	0.017
C18	Colon	67	2.5	0.0	0.6	0.0	0.5	0.4	1.1	0.9	3.4	3.6	2.6	6.7	3.0	16.8	18.0	9.3	5.9	2.8	2.8	5.5	0.335
C19-C20	Rectum	76	2.8	0.0	0.0	0.0	0.0	0.4	0.8	0.9	3.0	2.4	5.9	9.2	5.9	13.2	21.7	11.6	13.7	3.2	3.2	6.1	0.374
C21	Anus & Anal canal	9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	2.0	0.8	0.0	2.4	0.0	2.3	2.0	0.4	0.4	0.9	0.040
C22	Liver etc.,	31	1.2	0.0	0.0	0.6	0.0	0.4	0.0	0.0	1.5	1.8	2.6	0.8	2.0	4.8	16.2	2.3	3.9	1.3	1.4	2.2	0.166
C23-C24	Gall Bladder etc.	34	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.3	2.5	4.9	3.6	10.8	4.6	19.6	1.4	1.5	2.1	0.148
C25	Pancreas	19	0.7	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.7	0.0	3.9	6.0	3.6	2.3	7.9	0.8	0.8	1.4	0.087
C26	Other G.I Tract	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C30-C31	Nasal Cavity etc.	15	0.6	0.0	0.6	0.0	0.0	0.4	0.4	0.0	0.0	1.2	0.0	0.0	2.0	2.4	3.6	4.6	3.9	0.6	0.7	0.8	0.076
C32	Larynx	15	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.6	0.0	1.7	1.0	4.8	3.6	2.3	3.9	0.6	0.6	1.1	0.075
C33-C34	Lung	70	2.6	0.0	0.0	0.0	0.0	0.4	0.0	0.5	0.5	1.2	5.3	8.4	13.8	16.8	9.0	13.9	15.7	2.9	3.0	6.7	0.348
C37-C39	Oth Respiratory syst	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.3	0.0	0.1	0.1	0.1	0.017
C40-C41	Bone	14	0.5	0.6	0.6	1.2	0.5	0.4	0.4	0.5	0.0	0.6	0.7	0.0	2.0	0.0	1.8	0.0	2.0	0.6	0.6	0.5	0.046
C43	Melanoma of Skin	10	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.6	0.0	3.3	0.0	2.4	0.0	2.3	0.0	0.4	0.4	1.0	0.048
C44	Skin - others	38	1.4	0.0	0.0	0.0	0.0	0.4	1.1	1.4	0.0	0.0	3.3	2.5	4.9	6.0	3.6	11.6	11.8	1.6	1.5	2.5	0.175
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	30	1.1	1.7	0.0	0.6	2.2	0.4	0.4	1.4	2.0	0.6	2.6	1.7	1.0	1.2	5.4	0.0	2.0	1.3	1.3	1.6	0.105
C50	Breast	773	28.8	0.0	0.0	0.0	1.1	0.8	4.6	9.8	31.0	56.0	72.1	98.8	107.5	117.6	158.8	72.0	53.0	32.6	31.9	75.8	3.584
C51	Vulva	7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0	2.4	0.0	4.6	2.0	0.3	0.3	0.6	0.043
C52	Vagina	15	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.8	5.9	2.4	1.8	4.6	2.0	0.6	0.6	1.5	0.084
C53	Cervix	385	14.4	0.0	0.0	0.0	0.0	0.4	0.4	2.3	10.3	19.9	39.7	42.7	59.2	85.2	66.8	58.1	39.3	16.2	16.3	39.0	1.906
C54	Corpus Uteri	127	4.7	0.0	0.0	0.0	0.0	0.0	0.4	1.4	2.0	4.8	4.6	16.7	20.7	27.6	46.9	16.3	13.7	5.4	5.6	11.1	0.705
C55	Uterus unsp.	6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.0	0.0	1.0	2.4	0.0	0.0	0.0	0.3	0.2	0.8	0.025
C56	Ovary	149	5.6	0.6	0.0	0.6	1.6	0.8	1.1	2.8	2.5	6.0	13.9	15.9	20.7	24.0	30.7	23.2	19.6	6.3	6.3	12.7	0.719
C57	Oth female Genital	7	0.3	0.0	0.0	0.0	0.0	0.4	0.4	0.0	1.0	0.6	0.0	0.0	1.0	1.2	0.0	0.0	0.0	0.3	0.2	0.6	0.023
C58	Placenta	1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002
C64	Kidney	19	0.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.8	0.7	0.0	3.0	2.4	5.4	7.0	3.9	0.8	0.8	1.2	0.105
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.012
C67	Bladder	16	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	2.5	0.0	2.4	9.0	7.0	2.0	0.7	0.7	1.0	0.111
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	4	0.1	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.013
C70-C72	Brain & CNS	37	1.4	1.7	0.0	0.6	0.0	0.4	1.1	1.4	2.0	1.8	2.6	2.5	5.9	3.6	3.6	0.0	2.0	1.6	1.5	2.9	0.137
C73	Thyroid	87	3.2	0.0	0.6	0.0	1.1	1.7	3.1	2.8	3.9	7.2	6.0	10.1	6.9	7.2	12.6	2.3	7.9	3.7	3.4	6.8	0.326
C74	Adrenal Gland etc.,	9	0.3	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.0	0.0	0.0	0.0	2.3	0.0	0.4	0.5	0.5	0.036
C75	Endocrine Glands	3	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.009
C81	Hodgkin Disease	16	0.6	0.0	0.0	0.0	0.5	0.0	0.8	0.5	0.5	1.8	0.0	1.7	1.0	4.8	0.0	2.3	0.0	0.7	0.6	1.5	0.069
C82-86.96	Non-Hodg Lymphoma	49	1.8	0.0	1.3	1.2	1.1	0.4	0.8	0.9	2.0	1.8	2.6	2.5	9.9	6.0	5.4	7.0	5.9	2.1	2.1	3.7	0.215
C90	Multiple Myeloma	16	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.8	3.0	4.8	1.8	0.0	5.9	0.7	0.7	1.6	0.065
C91	Lymphoid Leukaemia	26	1.0	3.9	1.9	1.2	0.0	0.0	0.8	0.0	1.0	1.2	0.7	0.0	3.9	0.0	5.4	0.0	0.0	1.1	1.3	1.1	0.100
C92-C94	Myeloid Leukaemia	21	0.8	0.6	0.6	1.2	0.5	0.4	0.4	0.5	1.5	1.2	0.0	1.7	1.0	3.6	1.8	2.3	0.0	0.9	0.9	1.4	0.086
C95	Unspeci. Leukaemia	3	0.1	0.6	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.1	0.1	0.0	0.016
Oth & Uns	Others & Unspecified	10	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	3.9	1.2	1.8	2.3	2.0	0.4	0.4	0.9	0.054
C76-80	Primary Uncertain	121	4.5	0.0	0.0	0.6	0.0	0.4	0.8	0.9	1.0	3.0	8.6	12.6	17.7	16.8	30.7	27.9	37.3	5.1	5.2	8.9	0.603
TOTAL		2680	100.0	12.2	7.8	8.5	9.8	10.0	22.2	35.0	78.7	142.1	207.6	284.6	375.7	450.0	561.1	371.6	353.3	112.9	112.9	235.4	12.089

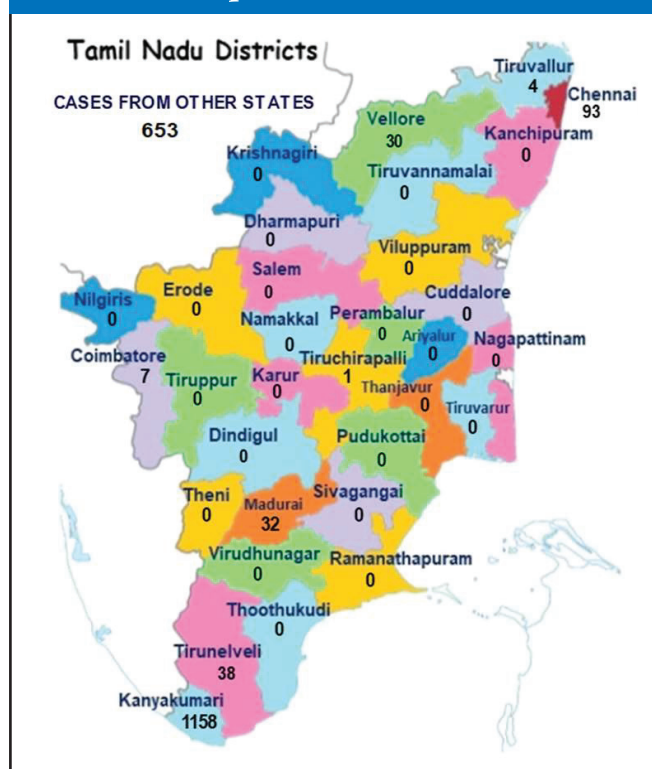
Residence District: Kanyakumari

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	915	745	896	1030	959	1021	1058	1096	1133
FEMALE	886	802	920	1070	1057	1130	1191	1252	1313
TOTAL	1801	1547	1816	2100	2016	2151	2249	2348	2446

Year - 2016

New Cases - 2016

No. of Cases Reported from the Source District



No. of Cases by Major Sources

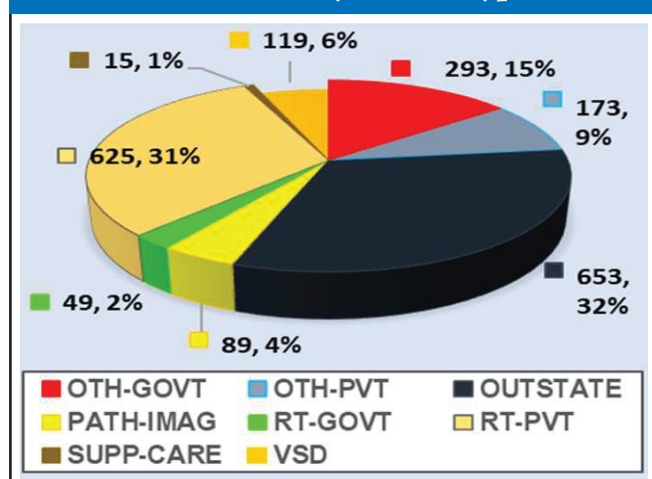
SOURCE NAME	DISTRICT	No.
RCC_TV RM	Trivandrum	639
International Cancer Centre Ne	Kanyakumari	473
Govt. Kanyakumari Med. Coll. H	Kanyakumari	259
DPH - KANY	Kanyakumari	119
Vivek Lab	Kanyakumari	89
Cancer Institute (WIA) - Adyar	Chennai	58
Govt. Tirunelveli Med. Coll. H	Tirunelveli	38
Christian Med. Coll. Hosp.	Vellore	30
Meenakshi Mission Hosp. & Res.	Madurai	22
GH Thuckalar	Kanyakumari	20
DR Jayasekaran M T	Kanyakumari	19
Holy Cross Hosp.	Kanyakumari	18
DR Jayaharan Memorial Hosp.	Kanyakumari	16
Catherine Booth Hosp.	Kanyakumari	16
Saratha Krishna Homoeo. Med. C	Kanyakumari	15
Morismathias Hosp.	Kanyakumari	14
Blessing Cancer Cent.	Kanyakumari	12
Sriram Cancer Trust	Kanyakumari	12
AMRITA INST MED SCI, KOCHIN	Kochin	9
Apollo Hosp. Grems Road	Chennai	9

As per 2011 census

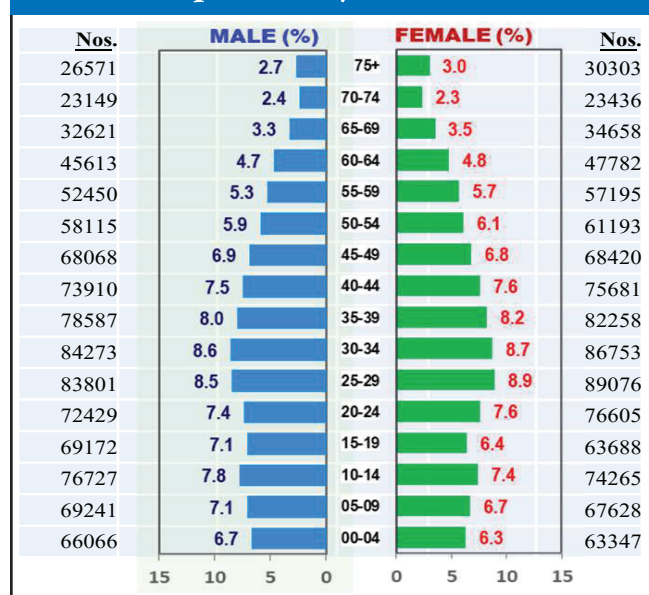
AREA (km²) : 1684

URBAN - RURAL (Ratio) 1 : 0.21

No. of Cases by Source Type



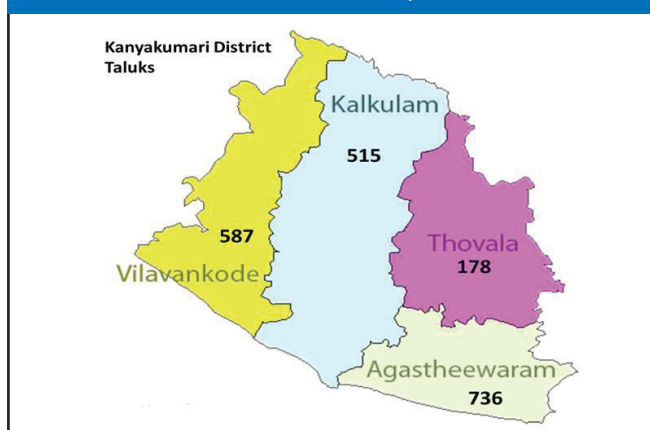
Population Pyramid 2016



Residence District: Kanyakumari

Year: 2016

No. of New Cases by Taluks

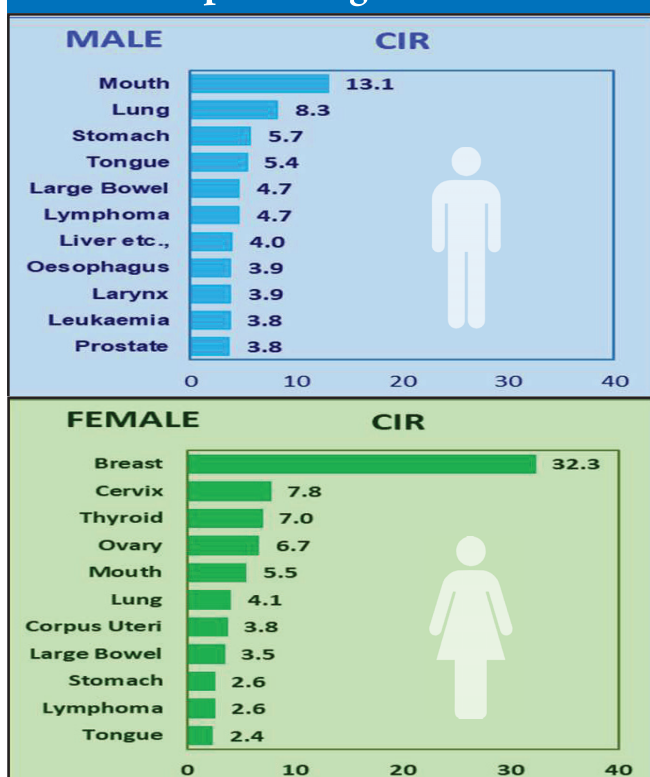


Cancer Incidence Statistics

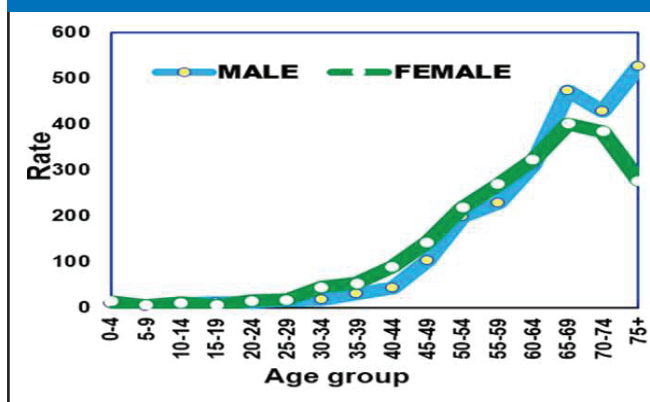
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	959	1057	2016
%	47.6	52.4	100.0
CIR	97.8	105.5	101.7
CR% (0-74 YEARS)	9.048	9.507	9.283
ASR	82.2	86.3	84.2

A total of 2,016 new cancers, diagnosed in year 2016, were registered among 1.98 million population with a female (1,057) preponderance (1:1.10). More than half of the cases were registered from hospitals in Kanyakumari district (57.5%) followed by those located outside the state (32.4%) and Chennai city (4.6%) districts. A majority were either first diagnosed and/or registered at RCC, Trivandrum (31.7%) followed by the International Cancer Centre, Neyoor (23.5%) and Government Kanyakumari Medical College Hospital (12.8%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (31%); cases registered based on a death certificate only were 6%. The average annual CIR per 100,000 population for all cancers and both sexes together was the fourth highest among districts in Tamil Nadu; CIR was higher among women (105.5) than men (97.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 11. The number of cases of all cancers together were the highest in 35-64 years age-group (57.3%) while the peak incidence rate was observed in 65-69 years among women and 75+ years among men. The most common cancer among men were mouth (CIR:13.1), lung (8.3) and stomach (5.7); among women, the order was breast (32.3), cervix (7.8) and thyroid (7.0). The new cancer burden was estimated as 2,446 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	16	7.5	21	10.2
15-34	46	14.9	71	22.5
35-64	504	133.8	652	166.1
65+	393	477.3	313	354.1

CIR, ASR, other rates are per 1,00,000 population

Male, Kanyakumari, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.2	0.0	4.3	3.8	0.4	0.3	0.6	0.041
C01-C02	Tongue	53	5.5	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.8	5.4	8.8	24.1	7.6	15.4	18.4	13.0	11.3	5.4	4.5	10.3	0.499
C03-C06	Mouth	128	13.3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	4.1	7.3	31.0	36.2	50.4	88.9	47.5	71.5	13.1	10.8	18.4	1.329
C07-C08	Salivary Gland	7	0.7	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.5	1.7	1.9	2.2	3.1	0.0	3.8	0.7	0.6	1.1	0.059
C09-C10	Oropharynx	27	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	1.7	11.4	13.2	24.5	8.6	7.5	2.8	2.3	4.0	0.311
C11	Nasopharynx	6	0.6	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.3	1.4	2.9	0.0	0.0	2.2	0.0	0.0	0.0	0.6	0.5	1.4	0.046
C12-C13	Hypopharynx	16	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	7.6	8.8	6.1	4.3	7.5	1.6	1.3	2.9	0.160
C14	Pharynx unsp	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.010
C15	Oesophagus	38	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	5.9	1.7	9.5	15.4	27.6	21.6	22.6	3.9	3.2	4.9	0.414
C16	Stomach	56	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.0	8.8	10.3	13.4	21.9	30.7	17.3	41.4	5.7	4.7	8.2	0.523
C17	Small Intestine	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.017
C18	Colon	19	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	5.2	9.5	11.0	3.1	8.6	3.8	1.9	1.6	4.0	0.201
C19-C20	Rectum	27	2.8	0.0	0.0	0.0	0.0	0.0	1.2	2.4	1.3	1.4	2.9	3.4	0.0	11.0	15.3	13.0	18.8	2.8	2.3	3.0	0.259
C21	Anus & Anal canal	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.2	3.1	0.0	0.0	0.3	0.3	0.6	0.035
C22	Liver etc.,	39	4.1	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.5	1.4	5.9	17.2	9.5	4.4	21.5	8.6	15.1	4.0	3.3	6.5	0.366
C23-C24	Gall Bladder etc.	19	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	4.4	5.2	1.9	8.8	9.2	4.3	7.5	1.9	1.6	3.6	0.183
C25	Pancreas	20	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	1.9	19.7	12.3	8.6	7.5	2.0	1.7	3.4	0.227
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.010
C30-C31	Nasal Cavity etc.	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	3.1	0.0	0.0	0.4	0.4	0.8	0.048
C32	Larynx	38	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	5.2	22.9	15.4	15.3	30.2	11.3	3.9	3.2	6.0	0.451
C33-C34	Lung	81	8.4	0.0	0.0	0.0	0.0	0.0	1.2	0.0	2.5	4.1	8.8	12.1	36.2	26.3	27.6	34.6	52.7	8.3	6.7	13.0	0.764
C37-C39	Oth Respiratory syst	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	3.1	4.3	0.0	0.3	0.3	0.3	0.044
C40-C41	Bone	7	0.7	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.1	13.0	3.8	0.7	0.6	0.3	0.098
C43	Melanoma of Skin	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	3.1	0.0	0.0	0.2	0.2	0.3	0.023
C44	Skin - others	13	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.9	3.4	3.8	4.4	9.2	0.0	3.8	1.3	1.1	2.4	0.126
C45	Mesothelioma	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.1	0.1	0.0	0.015
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	7	0.7	1.5	0.0	0.0	1.4	1.4	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.7	0.8	0.0	0.093
C50	Breast	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C60	Penis	10	1.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	0.0	0.0	0.0	3.4	0.0	4.4	3.1	8.6	3.8	1.0	0.9	1.1	0.110
C61	Prostate	37	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.8	13.2	18.4	43.2	41.4	3.8	3.1	2.7	0.409
C62	Testis	3	0.3	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.019
C63	Oth Male Genital	2	0.2	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.2	0.2	0.3	0.017
C64	Kidney	15	1.6	0.0	0.0	1.3	0.0	0.0	0.0	0.0	2.5	0.0	1.5	6.9	1.9	4.4	9.2	0.0	3.8	1.5	1.3	2.7	0.138
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	20	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	6.9	5.7	2.2	9.2	8.6	22.6	2.0	1.6	2.4	0.171
C68	Urethera	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	14	1.5	1.5	1.4	0.0	0.0	1.4	1.2	0.0	0.0	1.4	7.3	5.2	1.9	0.0	0.0	0.0	0.0	1.4	1.4	2.8	0.107
C73	Thyroid	23	2.4	0.0	0.0	0.0	1.4	4.1	2.4	2.4	2.5	5.4	1.5	0.0	1.9	2.2	6.1	8.6	7.5	2.3	2.0	2.4	0.193
C74	Adrenal Gland etc.,	1	0.1	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C81	Hodgkin Disease	7	0.7	0.0	0.0	1.3	1.4	1.4	0.0	0.0	1.3	0.0	1.5	1.7	0.0	0.0	0.0	0.0	3.8	0.7	0.7	0.8	0.043
C82-86,96	Non-Hodg Lymphoma	39	4.1	0.0	0.0	3.9	4.3	1.4	1.2	2.4	3.8	1.4	1.5	6.9	3.8	4.4	18.4	25.9	15.1	4.0	3.5	3.5	0.396
C90	Multiple Myeloma	17	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	3.8	8.8	6.1	4.3	22.6	1.7	1.4	2.2	0.130
C91	Lymphoid Leukaemia	11	1.1	6.1	1.4	0.0	2.9	0.0	1.2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	7.5	1.1	1.5	0.3	0.065
C92-C94	Myeloid Leukaemia	23	2.4	0.0	0.0	0.0	0.0	0.0	2.4	1.2	2.5	1.4	5.9	8.6	0.0	2.2	12.3	0.0	11.3	2.3	2.0	3.6	0.182
C95	Unspeci. Leukaemia	4	0.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.2	3.1	0.0	0.0	0.4	0.4	0.6	0.042
Oth & Unsp	Others & Unspecified	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.9	0.0	3.1	0.0	0.0	0.3	0.2	0.5	0.031
C76-80	Primary Uncertain	106	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	4.1	10.3	18.9	26.7	17.5	52.1	73.4	94.1	10.8	8.8	12.5	1.036
TOTAL		959	100.0	10.6	2.9	9.1	11.6	12.4	15.5	19.0	31.8	43.3	102.8	197.9	228.8	311.3	472.1	427.7	526.9	97.8	82.2	136.1	9.048

Female, Kanyakumari, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.7	6.3	0.0	4.3	6.6	0.8	0.6	1.3	0.070
C01-C02	Tongue	24	2.3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.5	6.5	3.5	4.2	14.4	17.1	16.5	2.4	1.9	2.3	0.242
C03-C06	Mouth	55	5.2	0.0	0.0	0.0	0.0	0.0	2.2	3.5	0.0	1.3	0.0	8.2	12.2	8.4	37.5	29.9	42.9	5.5	4.3	4.2	0.515
C07-C08	Salivary Gland	6	0.6	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	2.1	5.8	0.0	0.0	0.6	0.5	0.7	0.065
C09-C10	Oropharynx	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.1	0.0	0.0	3.3	0.3	0.2	0.6	0.018
C11	Nasopharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C12-C13	Hypopharynx	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.6	1.7	2.1	0.0	0.0	0.0	0.4	0.3	1.0	0.033
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.5	4.9	0.0	6.3	2.9	0.0	0.0	0.9	0.8	2.1	0.084
C16	Stomach	26	2.5	0.0	0.0	0.0	0.0	1.3	0.0	2.3	2.4	1.3	2.9	1.6	10.5	12.6	8.7	4.3	3.3	2.6	2.1	4.5	0.239
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	11	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.9	0.0	0.0	4.2	0.0	17.1	6.6	1.1	0.9	1.4	0.128
C19-C20	Rectum	24	2.3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	0.0	2.9	4.9	8.7	4.2	11.5	21.3	3.3	2.4	1.9	3.3	0.281
C21	Anus & Anal canal	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.3	0.2	0.5	0.013
C22	Liver etc.,	10	0.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.3	1.7	4.2	2.9	4.3	3.3	1.0	0.9	1.6	0.097
C23-C24	Gall Bladder etc.	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	2.1	5.8	4.3	0.0	0.6	0.5	0.8	0.077
C25	Pancreas	12	1.1	0.0	0.0	0.0	0.0	1.3	0.0	1.2	0.0	2.6	0.0	1.6	3.5	4.2	5.8	0.0	3.3	1.2	1.0	1.8	0.101
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.0	4.2	0.0	0.0	0.0	0.4	0.3	1.1	0.036
C32	Larynx	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.1	0.1	0.0	0.014
C33-C34	Lung	41	3.9	0.0	0.0	0.0	0.0	0.0	1.1	2.3	1.2	2.6	4.4	9.8	14.0	20.9	8.7	12.8	6.6	4.1	3.3	7.7	0.388
C37-C39	Oth Respiratory syst	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.0	0.0	0.0	4.3	0.0	0.3	0.3	0.5	0.037
C40-C41	Bone	4	0.4	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	2.1	2.9	0.0	0.0	0.4	0.4	0.5	0.038
C43	Melanoma of Skin	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.2	0.2	0.3	0.016
C44	Skin - others	11	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.5	6.3	2.9	8.5	6.6	1.1	0.9	1.5	0.114
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	8	0.8	1.6	0.0	1.3	0.0	0.0	0.0	1.2	1.2	0.0	2.9	1.6	0.0	0.0	0.0	4.3	0.0	0.8	0.8	1.1	0.071
C50	Breast	324	30.7	0.0	0.0	0.0	0.0	1.3	4.5	9.2	20.7	43.6	71.6	75.2	85.7	90.0	135.6	72.5	33.0	32.3	26.1	61.1	3.003
C51	Vulva	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.1	0.0	0.0	0.0	0.2	0.2	0.5	0.019
C52	Vagina	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.7	0.0	0.0	4.3	0.0	0.3	0.2	0.5	0.037
C53	Cervix	78	7.4	0.0	0.0	0.0	0.0	0.0	0.0	2.3	3.6	2.6	8.8	21.2	22.7	23.0	26.0	42.7	29.7	7.8	6.2	12.2	0.762
C54	Corpus Uteri	38	3.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	2.9	11.4	8.7	20.9	17.3	4.3	16.5	3.8	3.0	6.2	0.339
C55	Uterus unsp.	4	0.4	0.0	0.0	0.0	0.0	1.3	1.1	0.0	0.0	1.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5	0.027
C56	Ovary	67	6.3	0.0	1.5	1.3	0.0	0.0	2.2	0.0	3.6	17.2	2.9	21.2	14.0	14.7	20.2	29.9	9.9	6.7	5.5	11.7	0.642
C57	Oth female Genital	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.017
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C64	Kidney	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.5	0.0	0.0	4.3	3.3	0.5	0.4	0.7	0.046
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.9	0.0	0.0	0.2	0.2	0.2	0.023
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	16	1.5	1.6	1.5	1.3	1.6	1.3	0.0	1.2	1.2	0.0	1.5	1.6	3.5	6.3	2.9	0.0	3.3	1.6	1.6	2.0	0.127
C73	Thyroid	70	6.6	0.0	0.0	1.3	1.6	2.6	1.1	15.0	9.7	5.3	11.7	9.8	15.7	10.5	26.0	8.5	3.3	7.0	5.6	10.1	0.592
C74	Adrenal Gland etc.,	4	0.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.3	0.031
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	4	0.4	0.0	0.0	1.3	0.0	1.3	1.1	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.3	0.027
C82-86,96	Non-Hodg Lymphoma	22	2.1	0.0	0.0	1.3	0.0	1.3	2.2	1.2	2.4	1.3	2.9	1.6	8.7	0.0	2.9	12.8	6.6	2.2	1.8	2.7	0.194
C90	Multiple Myeloma	8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.0	8.4	2.9	0.0	3.3	0.8	0.7	1.6	0.072
C91	Lymphoid Leukaemia	7	0.7	4.7	1.5	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.7	1.0	0.0	0.046
C92-C94	Myeloid Leukaemia	11	1.0	0.0	0.0	1.3	0.0	2.6	1.1	0.0	0.0	0.0	2.9	1.6	1.7	2.1	2.9	0.0	3.3	1.1	1.0	1.3	0.082
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.009
C76-80	Primary Uncertain	113	10.7	0.0	0.0	0.0	0.0	1.3	0.0	0.0	4.9	4.0	7.3	14.7	31.5	46.0	49.1	72.5	56.1	11.3	9.0	15.5	1.152
TOTAL		1057	100.0	14.2	5.9	10.8	6.3	15.7	18.0	45.0	53.5	89.8	143.2	219.0	269.3	322.3	401.1	384.0	277.2	105.5	86.3	167.1	9.507

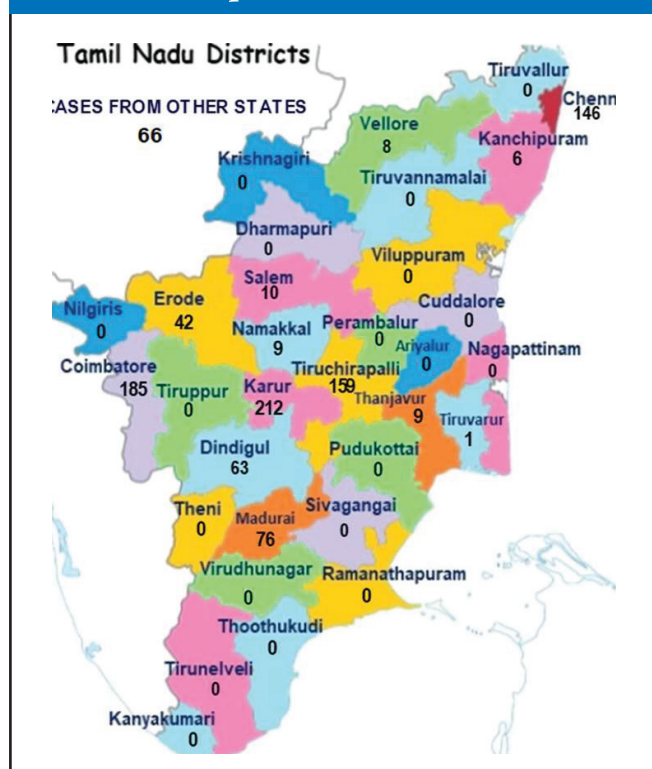
Residence District: Karur

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	292	297	318	397	429	459	496	534	571
FEMALE	405	494	484	492	563	582	613	645	676
TOTAL	697	791	802	889	992	1041	1109	1179	1247

Year - 2016

New Cases - 992

No. of Cases Reported from the Source District



No. of Cases by Major Sources

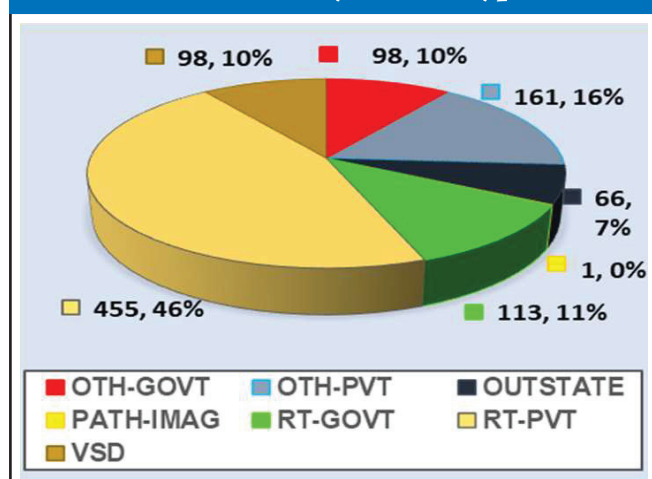
SOURCE NAME	DISTRICT	No.
Cancer Institute (WIA) - Adyar	Chennai	108
G Kuppusamy Naidu Memorial Hos	Coimbatore	95
DPH - KARUR	Karur	88
Govt. District Hqtrs. Hosp.	Karur	72
GVN Hosp. Singarathoppu	Tiruchirapalli	70
JIPMER	Pondicherry	62
RCC Govt. Rajaji Hosp.	Madurai	58
Christian Hosp. Ambilikkai.	Dindigul	39
Erode Cancer Cent.	Erode	36
Kovai Med. Center & Hosp.	Coimbatore	28
Christian Fellowship Hosp. Oddanch	Dindigul	24
PSG Inst. of Med. Sciences & R	Coimbatore	20
Dr. G Viswanathan CBCC Cancer	Tiruchirapalli	18
Trichy SRM Med. Coll. Hosp. &	Tiruchirapalli	17
Kabila Hosp.	Karur	15
Dr. G Viswanathan Speciality Hosp	Tiruchirapalli	15
Thangam Cancer Care	Karur	14
RCC Coimbatore Govt.Med. Coll.	Coimbatore	14
KAP Viswanathan Govt.Med.Coll.	Tiruchirapalli	14
Rajiv Gandhi Govt. General Hos	Chennai	14

As per 2011 census

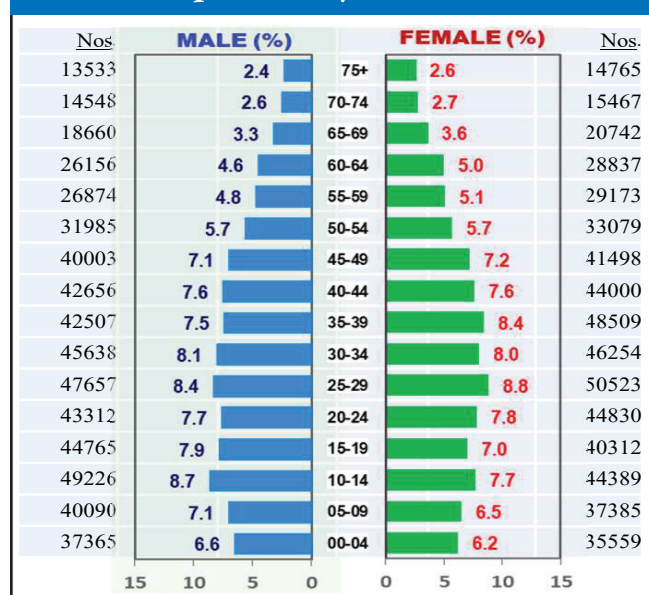
AREA (km²) : 2895.57

URBAN - RURAL (Ratio) 1 : 1.45

No. of Cases by Source Type



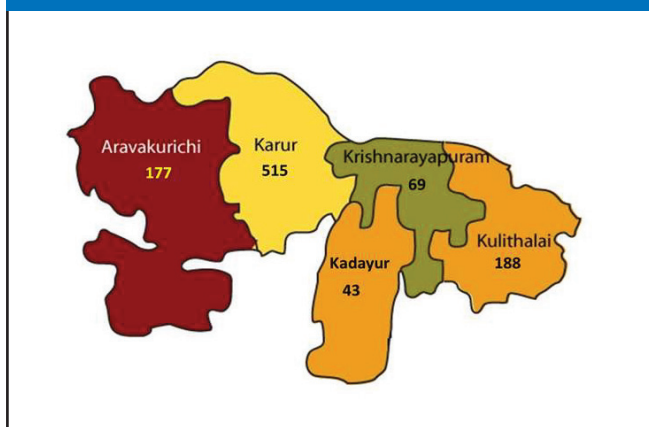
Population Pyramid 2016



Residence District: Karur

Year: 2016

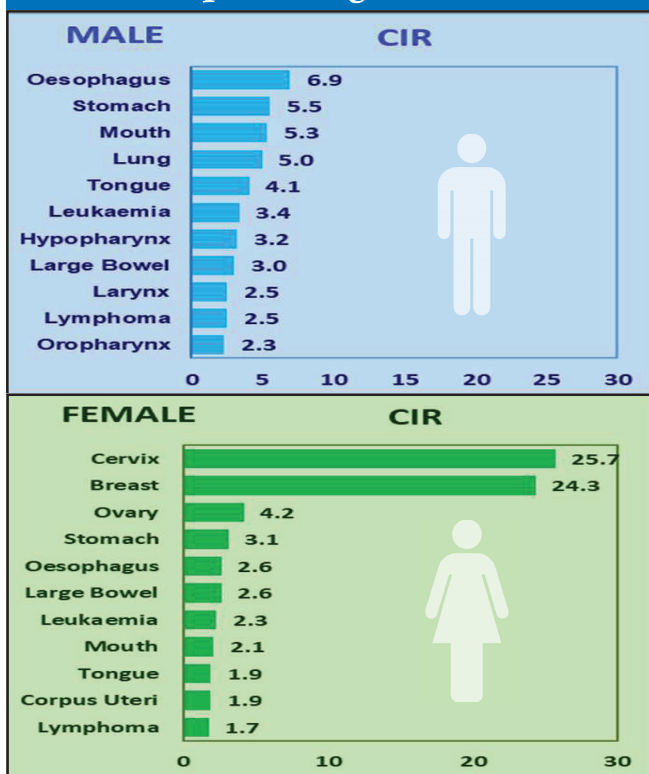
No. of New Cases by Taluks



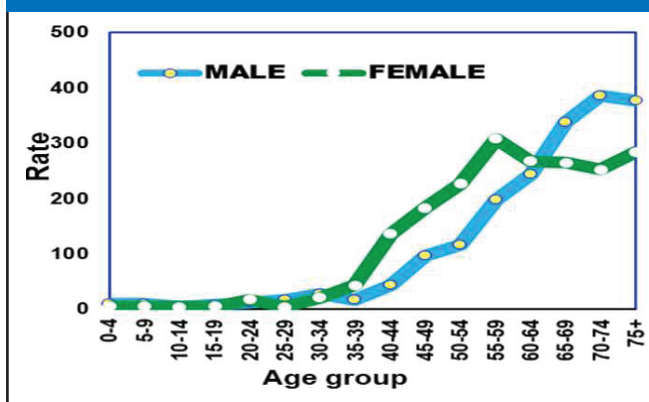
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	429	563	992
%	43.2	56.8	100.0
CIR	75.9	97.9	87.0
CR% (0-74 YEARS)	7.361	8.361	7.873
ASR	65.8	79.9	73.0

Top Ranking Cancers



Age Specific Incidence Rates by Sex



CIR, ASR, other rates are per 1,00,000 population

A total of 992 new cancers, diagnosed in year 2016, were registered among 1.14 million population with a female (563) preponderance (1:1.31). More than one-fifth of cases were registered from hospitals in Karur district followed by those located in Coimbatore (18.6%) and Tiruchirapalli (16%) districts. A majority were either first diagnosed and/or registered for TNCRP at the Cancer Institute (W.I.A), Chennai (10.9%) followed by G. Kuppusamy Naidu Memorial Hospital, Coimbatore (9.6%) and the office of the Deputy Director of Health Services, Karur (8.9%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (46%); cases registered based on a death certificate only were 10%. The average annual CIR per 100,000 population for all cancers together was higher among women (97.9) than men (75.9). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 13. The number of cases of all cancers together were the highest in 35-64 years age-group (62.3%) while the peak incidence rate was observed in 55-59 years among women and 70-74 years among men. The CIR of the most common cancer among men was oesophagus (CIR:6.9) was the highest among other districts in Tamil Nadu. Among women, the rank order was cervix (25.7), breast (24.3) and ovary (4.2). The new cancer burden was estimated as 1,247 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	10	7.9	6	5.1
15-34	30	16.5	22	12.1
35-64	219	104.2	399	177.3
65+	170	363.7	136	266.8

Male, Karur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	5.4	0.0	7.4	0.5	0.5	0.5	0.046
C01-C02	Tongue	23	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	5.0	9.4	11.2	7.6	26.8	13.7	29.6	4.1	3.5	5.8	0.392
C03-C06	Mouth	30	7.0	0.0	0.0	0.0	0.0	0.0	2.1	2.2	0.0	11.7	12.5	0.0	7.4	11.5	32.2	20.6	29.6	5.3	4.5	7.1	0.501
C07-C08	Salivary Gland	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.011
C09-C10	Oropharynx	13	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	7.4	11.5	32.2	0.0	0.0	2.3	2.0	3.4	0.281
C11	Nasopharynx	5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	3.1	7.4	3.8	0.0	0.0	0.0	0.9	0.7	2.4	0.084
C12-C13	Hypopharynx	18	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	5.0	6.3	11.2	15.3	10.7	13.8	7.4	3.2	2.7	6.3	0.334
C14	Pharynx unsp	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.8	0.0	0.0	0.0	0.4	0.3	1.0	0.038
C15	Oesophagus	39	9.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	10.0	28.1	7.4	34.4	32.2	34.4	22.2	6.9	5.9	11.9	0.741
C16	Stomach	31	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.3	10.0	6.3	14.9	22.9	37.5	20.6	22.2	5.5	4.7	8.7	0.582
C17	Small Intestine	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.8	0.0	0.0	0.0	0.4	0.3	1.0	0.038
C18	Colon	7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	3.7	3.8	0.0	6.9	14.8	1.2	1.0	1.0	0.094
C19-C20	Rectum	10	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	3.7	11.5	10.7	20.6	0.0	1.8	1.5	2.5	0.248
C21	Anus & Anal canal	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.8	0.0	0.0	0.0	0.4	0.3	1.0	0.038
C22	Liver etc.,	9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	3.8	5.4	13.8	0.0	1.6	1.3	2.9	0.208
C23-C24	Gall Bladder etc.	6	1.4	0.0	0.0	0.0	0.0	2.3	0.0	0.0	2.4	0.0	5.0	0.0	3.7	0.0	0.0	6.9	0.0	1.1	0.9	1.9	0.101
C25	Pancreas	5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	3.7	3.8	0.0	6.9	0.0	0.9	0.7	1.9	0.097
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.2	0.1	0.0	0.034
C32	Larynx	14	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.5	6.3	7.4	3.8	10.7	13.8	22.2	2.5	2.1	3.4	0.234
C33-C34	Lung	28	6.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.4	2.3	5.0	12.5	14.9	19.1	21.4	27.5	14.8	5.0	4.2	8.3	0.536
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	7	1.6	0.0	2.5	2.0	2.2	2.3	0.0	0.0	0.0	0.0	2.5	0.0	3.7	0.0	5.4	0.0	0.0	1.2	1.3	1.0	0.103
C43	Melanoma of Skin	3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	7.4	0.5	0.5	1.0	0.038
C44	Skin - others	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.2	0.1	0.0	0.000
C45	Mesothelioma	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.4	0.3	1.0	0.037
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	7	1.6	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	2.5	0.0	3.7	0.0	10.7	6.9	0.0	1.2	1.1	1.0	0.140
C50	Breast	4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	7.4	0.0	0.0	6.9	0.0	0.7	0.6	1.0	0.083
C60	Penis	6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	7.6	10.7	6.9	0.0	1.1	0.9	1.5	0.142
C61	Prostate	12	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	7.6	21.4	13.8	22.2	2.1	1.8	1.5	0.230
C62	Testis	4	0.9	0.0	0.0	0.0	2.2	2.3	0.0	2.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.5	0.045
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	6.9	7.4	0.5	0.4	0.5	0.047
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	5.4	13.8	0.0	0.7	0.6	0.5	0.111
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	8	1.9	2.7	2.5	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	7.4	3.8	5.4	6.9	0.0	1.4	1.5	1.5	0.154
C73	Thyroid	3	0.7	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	7.4	0.5	0.5	0.5	0.030
C74	Adrenal Gland etc.,	1	0.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.013
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	4	0.9	0.0	0.0	0.0	0.0	0.0	2.1	2.2	0.0	2.3	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.7	0.6	0.9	0.052
C82-86,96	Non-Hodg Lymphoma	10	2.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	2.4	0.0	10.0	0.0	0.0	11.5	5.4	0.0	0.0	1.8	1.6	3.9	0.158
C90	Multiple Myeloma	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	7.4	0.4	0.3	0.0	0.027
C91	Lymphoid Leukaemia	8	1.9	5.4	0.0	2.0	0.0	0.0	2.1	0.0	2.4	0.0	2.5	0.0	0.0	3.8	5.4	0.0	0.0	1.4	1.6	1.4	0.118
C92-C94	Myeloid Leukaemia	10	2.3	0.0	2.5	0.0	2.2	2.3	2.1	0.0	2.4	0.0	0.0	3.1	3.7	7.6	0.0	0.0	7.4	1.8	1.7	2.4	0.130
C95	Unspeci. Leukaemia	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.2	0.1	0.0	0.000
Oth & Uns	Others & Unspecified	5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.5	0.0	0.0	3.8	5.4	6.9	0.0	0.9	0.7	1.0	0.104
C76-80	Primary Uncertain	75	17.5	0.0	0.0	0.0	0.0	2.3	2.1	6.6	2.4	9.4	10.0	28.1	29.8	15.3	32.2	110.0	133.0	13.3	11.1	14.6	1.234
TOTAL		429	99.9	10.7	10.0	4.1	8.9	11.5	16.8	28.5	16.5	44.5	97.5	115.7	197.2	244.7	337.6	384.9	376.8	75.9	65.8	106.3	7.361

**No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)**

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	11	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	10.3	3.5	9.6	6.5	6.8	1.9	1.6	3.2	0.195
C03-C06	Mouth	12	2.1	0.0	0.0	0.0	2.5	2.2	0.0	2.2	2.1	0.0	0.0	3.0	3.4	3.5	9.6	0.0	20.3	2.1	1.8	1.8	0.143
C07-C08	Salivary Gland	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	3.5	4.8	0.0	0.0	0.5	0.4	0.9	0.052
C09-C10	Oropharynx	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.0	0.0	3.5	4.8	6.5	6.8	1.0	0.8	1.4	0.100
C11	Nasopharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.2	0.1	0.4	0.017
C12-C13	Hypopharynx	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	4.8	0.0	3.4	0.0	4.8	0.0	0.0	1.0	0.8	2.3	0.088
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	15	2.7	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.1	0.0	7.2	6.0	13.7	0.0	0.0	12.9	13.6	2.6	2.1	4.5	0.221
C16	Stomach	18	3.2	0.0	0.0	0.0	0.0	2.2	0.0	2.2	2.1	2.3	4.8	6.0	13.7	6.9	4.8	12.9	6.8	3.1	2.5	5.4	0.290
C17	Small Intestine	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.2	0.1	0.4	0.017
C18	Colon	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	3.0	10.3	0.0	0.0	0.0	0.0	1.0	0.8	2.7	0.089
C19-C20	Rectum	9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.5	9.6	0.0	3.4	3.5	0.0	0.0	0.0	1.6	1.3	4.0	0.116
C21	Anus & Anal canal	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	9.6	0.0	0.0	0.5	0.4	0.4	0.066
C22	Liver etc.,	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	13.6	0.5	0.4	0.5	0.012
C23-C24	Gall Bladder etc.	5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.4	6.9	4.8	0.0	0.0	0.9	0.7	1.8	0.091
C25	Pancreas	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.4	0.0	0.0	0.0	6.8	0.5	0.4	0.9	0.032
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.0	0.027
C32	Larynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.011
C33-C34	Lung	9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	2.4	0.0	10.3	0.0	4.8	6.5	6.8	1.6	1.2	2.7	0.143
C37-C39	Oth Respiratory sys	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	3	0.5	0.0	0.0	2.3	2.5	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.4	0.035
C43	Melanoma of Skin	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C44	Skin - others	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	2.4	3.0	3.4	3.5	0.0	0.0	6.8	1.0	0.8	2.2	0.072
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.012
C50	Breast	140	24.9	0.0	0.0	0.0	0.0	0.0	0.0	4.3	12.4	36.4	50.6	63.5	82.3	83.2	43.4	58.2	54.2	24.3	19.6	50.8	2.148
C51	Vulva	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	6.9	0.0	0.0	0.0	0.5	0.4	1.4	0.047
C52	Vagina	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.0	13.7	0.0	0.0	0.0	0.0	1.0	0.8	2.7	0.096
C53	Cervix	148	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	50.0	53.0	69.5	75.4	79.8	77.1	71.1	33.9	25.7	20.8	52.8	2.392
C54	Corpus Uteri	11	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	6.0	3.4	3.5	19.3	6.5	0.0	1.9	1.6	2.7	0.216
C55	Uterus unsp.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.017
C56	Ovary	24	4.3	0.0	0.0	0.0	0.0	4.5	0.0	4.3	2.1	0.0	7.2	9.1	13.7	10.4	14.5	12.9	6.8	4.2	3.4	6.4	0.392
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.3	0.3	0.4	0.035
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.2	0.1	0.0	0.000
C68	Urethera	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	4	0.7	2.8	2.7	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.5	0.050
C73	Thyroid	9	1.6	0.0	0.0	0.0	0.0	2.2	2.0	2.2	0.0	4.5	0.0	0.0	6.9	3.5	4.8	0.0	0.0	1.6	1.3	2.2	0.130
C74	Adrenal Gland etc.	1	0.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.014
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C82-86,90	Non-Hodg Lymphoma	10	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.5	9.6	6.0	3.4	0.0	0.0	0.0	0.0	1.7	1.4	4.6	0.128
C90	Multiple Myeloma	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.2	0.1	0.0	0.000
C91	Lymphoid Leukaemia	4	0.7	0.0	2.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	6.5	0.0	0.7	0.7	0.4	0.074
C92-C94	Myeloid Leukaemia	7	1.2	0.0	0.0	0.0	0.0	2.2	2.0	2.2	2.1	4.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.0	1.7	0.077
C95	Unspeci. Leukaemia	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.022
Oth & Un	Others & Unspecific	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	65	11.5	0.0	0.0	0.0	0.0	2.2	0.0	0.0	6.2	0.0	12.0	27.2	27.4	31.2	43.4	51.7	88.1	11.3	9.1	15.5	1.003
TOTAL		563	100.0	5.6	5.4	4.5	5.0	17.8	4.0	21.6	43.3	136.4	183.2	226.7	308.5	267.0	265.2	252.1	284.5	97.9	79.9	181.0	8.361

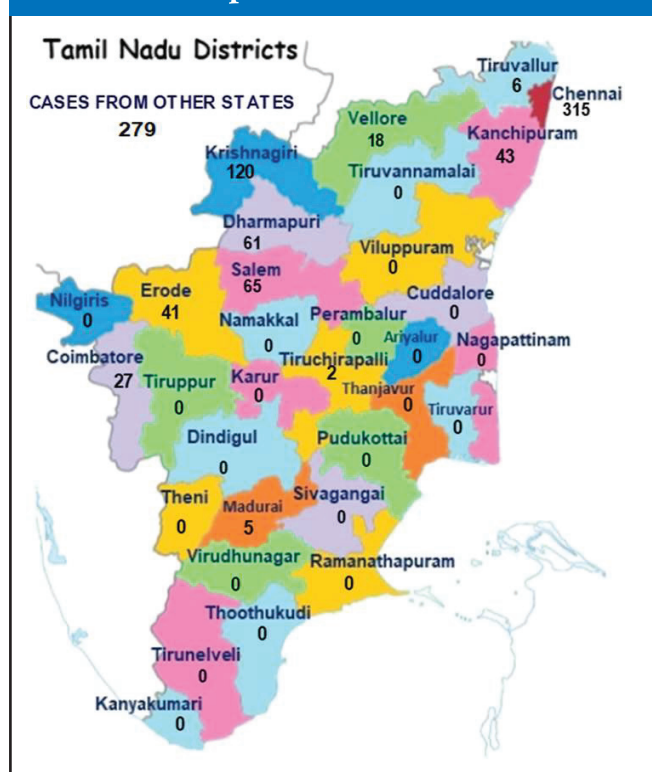
Residence District: Krishnagiri

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	309	314	361	407	384	428	452	477	501
FEMALE	521	664	616	678	598	666	683	699	716
TOTAL	830	978	977	1085	982	1094	1135	1176	1217

Year - 2016

New Cases - 982

No. of Cases Reported from the Source District



No. of Cases by Major Sources

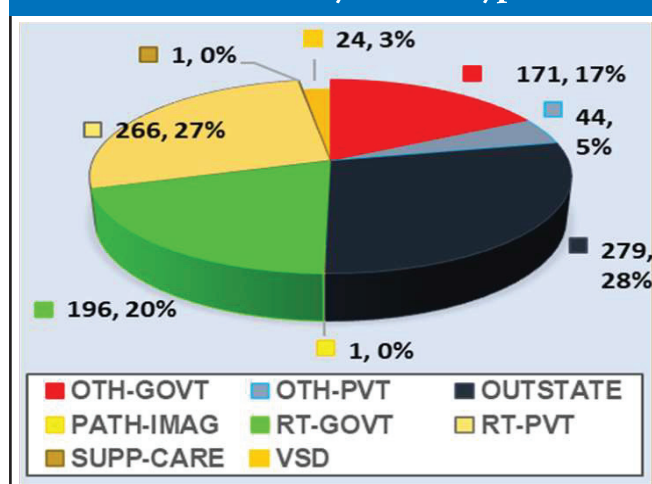
SOURCE NAME	DISTRICT	No.
Cancer Institute (WIA) - Adyar	Chennai	143
Bangalore Cancer Centre	Bangalore	98
Rajiv Gandhi Govt. General Hos	Chennai	79
NARAYANA HRUDAYALA, BANG	Bangalore	73
Govt. District Hqtrs. Hosp.	Krishnagiri	73
ST JOHN'S HOSPITAL, BANG	Bangalore	56
Govt. Dharmapuri Med. Coll. Ho	Dharmapuri	54
Erode Cancer Cent.	Erode	41
RCC Govt. Arignar Anna Mem. Ca	Kanchipuram	40
Govt. Mohan Kumaramangalam Me	Salem	30
Govt. Royapettah Hosp.	Chennai	27
JIPMER	Pondicherry	26
DPH - KRIS	Krishnagiri	21
Salem Cancer Institute	Salem	18
Christian Med. Coll. Hosp.	Vellore	18
Tamilnadu Govt Multi Super Spe	Chennai	13
KIDWAI MEM INST OF ONCO, BA	Bangalore	12
Govt. Hosp. for Women & Chil	Chennai	10
VYDEHI INST OF MED. SCI, BANG	Bangalore	10
G Kuppusamy Naidu Memorial Ho	Coimbatore	9

As per 2011 census

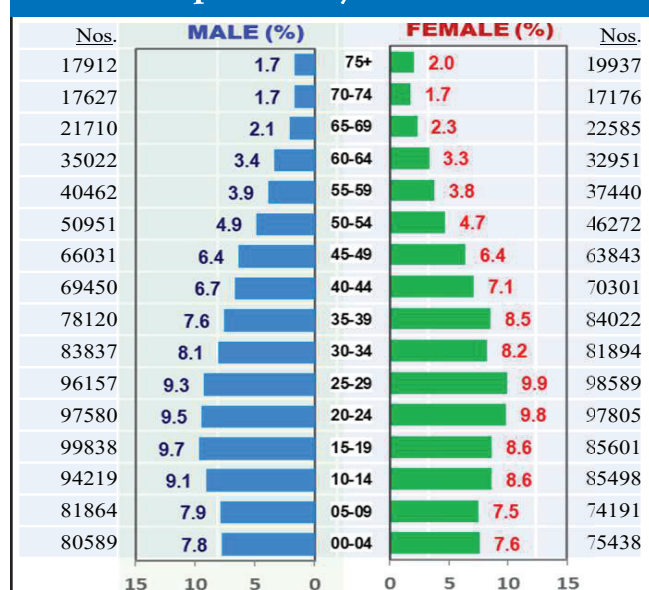
AREA (km²) : 5143

URBAN - RURAL (Ratio) 1 : 3.4

No. of Cases by Source Type



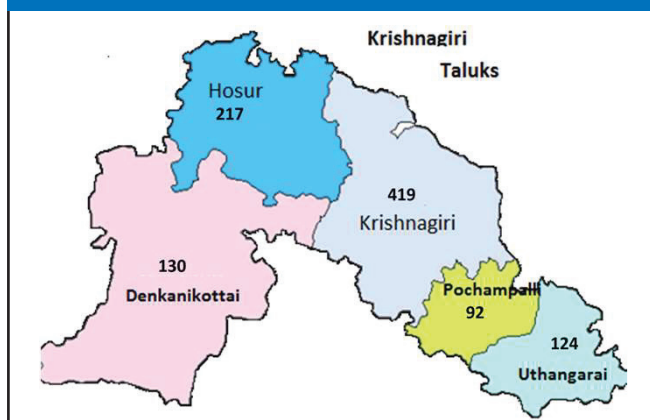
Population Pyramid 2016



Residence District: Krishnagiri

Year: 2016

No. of New Cases by Taluks

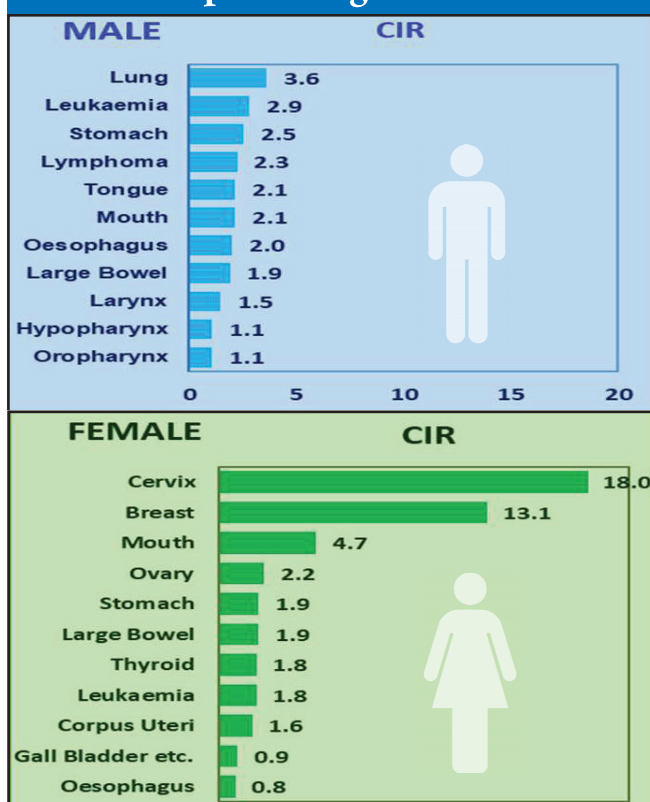


Cancer Incidence Statistics

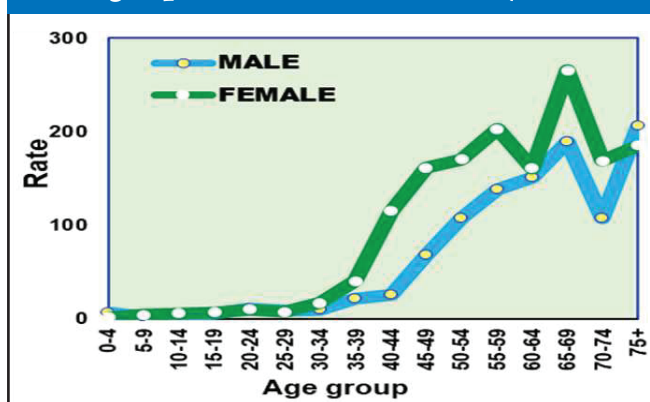
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	384	598	982
%	39.1	60.9	100.0
CIR	37.2	60.2	48.5
CR% (0-74 YEARS)	4.195	6.475	5.329
ASR	39.9	61.3	50.4

A total of 982 new cancers, diagnosed in year 2016, were registered among 2.02 million population with a female (598) preponderance (1:1.56). Almost one-third of cases were registered from hospitals in Chennai city followed by those located outside the state (28.4%) and in Krishnagiri district (12.2%). A majority were either first diagnosed and/or registered for TNCRP at the Cancer Institute (W.I.A), Chennai (14.6%) followed by Bangalore Cancer Centre, Bengaluru (10%) and the Rajiv Gandhi Government General Hospital, Chennai (8%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (27%); cases registered based on a death certificate only were 3%. The average annual CIR per 100,000 population for all cancers together among women was 60.2; the figure for men (37.2) was the least in Krishnagiri district in Tamil Nadu. The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 19. The number of cases of all cancers together were the highest in 35-64 years age-group (68.2%) while the peak incidence rate was observed in 65-69 years among women and 75+ years among men. The most common cancers among men were lung (CIR:3.6), leukemias (2.9) and stomach (2.5); among women, the order was cervix (18.0), breast (13.1) and mouth (4.7). The new cancer burden was estimated as 1,217 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	10	3.9	9	3.8
15-34	33	8.7	37	10.2
35-64	244	71.8	426	127.2
65+	97	169.4	126	211.1

CIR, ASR, other rates are per 1,00,000 population

Male, Krishnagiri, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	22	5.7	0.0	0.0	0.0	1.0	0.0	0.0	1.2	1.3	1.4	6.1	7.9	7.4	11.4	9.2	0.0	5.6	2.1	2.2	5.4	0.234
C03-C06	Mouth	22	5.7	0.0	0.0	0.0	0.0	1.0	0.0	1.2	2.6	2.9	3.0	5.9	9.9	8.6	4.6	11.3	5.6	2.1	2.2	5.0	0.255
C07-C08	Salivary Gland	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
C09-C10	Oropharynx	11	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.0	5.9	4.9	2.9	9.2	0.0	0.0	1.1	1.2	2.8	0.137
C11	Nasopharynx	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.5	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.022
C12-C13	Hypopharynx	11	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	5.9	2.5	5.7	9.2	0.0	0.0	1.1	1.2	2.9	0.139
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	21	5.5	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.4	3.0	11.8	12.4	8.6	9.2	0.0	5.6	2.0	2.2	5.5	0.237
C16	Stomach	26	6.8	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.6	1.4	4.5	5.9	7.4	17.1	4.6	11.4	22.3	2.5	2.7	5.8	0.280
C17	Small Intestine	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	5.6	0.3	0.3	0.0	0.029
C18	Colon	8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	2.0	0.0	2.9	9.2	11.4	5.6	0.8	0.9	0.9	0.133
C19-C20	Rectum	13	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	3.9	9.9	5.7	9.2	0.0	5.6	1.3	1.4	3.2	0.158
C21	Anus & Anal canal	7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.4	0.0	2.0	0.0	2.9	4.6	0.0	5.6	0.7	0.7	1.5	0.067
C22	Liver etc.,	10	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	2.5	11.4	0.0	5.7	5.6	1.0	1.1	2.7	0.123
C23-C24	Gall Bladder etc.	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	5.6	0.3	0.3	0.3	0.016
C25	Pancreas	5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	4.9	0.0	4.6	0.0	5.6	0.5	0.5	0.9	0.055
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.013
C32	Larynx	15	3.9	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.0	4.5	0.0	4.9	0.0	23.0	0.0	16.8	1.5	1.6	1.8	0.175
C33-C34	Lung	37	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	13.6	9.8	12.4	14.3	9.2	39.7	11.2	3.6	3.8	8.2	0.508
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	3	0.8	0.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.015
C43	Melanoma of Skin	6	1.6	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.4	0.0	3.9	0.0	5.7	0.0	0.0	0.0	0.6	0.6	1.6	0.061
C44	Skin - others	5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.9	0.0	9.2	0.0	0.0	0.5	0.6	1.0	0.081
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	6	1.6	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	1.4	1.5	2.0	0.0	2.9	0.0	0.0	0.0	0.6	0.6	1.3	0.049
C50	Breast	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	5.7	5.6	0.3	0.3	0.4	0.043
C60	Penis	9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	2.5	8.6	4.6	0.0	5.6	0.9	1.0	2.3	0.101
C61	Prostate	11	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	5.7	18.4	5.7	16.8	1.1	1.3	1.1	0.161
C62	Testis	8	2.1	2.5	0.0	0.0	0.0	0.0	2.1	0.0	0.0	1.4	1.5	0.0	2.5	2.9	0.0	0.0	0.0	0.8	0.9	1.3	0.064
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.5	2.9	0.0	5.7	0.0	0.4	0.4	1.0	0.065
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	10	2.6	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	3.9	2.5	5.7	0.0	0.0	16.8	1.0	1.0	1.7	0.071
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	10	2.6	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	1.4	3.0	2.0	4.9	0.0	4.6	0.0	5.6	1.0	1.0	1.8	0.090
C73	Thyroid	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.3	0.2	0.6	0.025
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	8	2.1	0.0	0.0	2.1	0.0	1.0	1.0	0.0	0.0	0.0	1.5	2.0	0.0	2.9	0.0	0.0	5.6	0.8	0.8	1.0	0.053
C82-86,96	Non-Hodg Lymphoma	15	3.9	0.0	0.0	1.1	0.0	3.1	0.0	0.0	2.6	1.4	1.5	0.0	4.9	2.9	9.2	0.0	11.2	1.5	1.5	2.1	0.133
C90	Multiple Myeloma	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C91	Lymphoid Leukaemia	11	2.9	3.7	2.4	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	4.6	5.7	5.6	1.1	1.3	0.3	0.102
C92-C94	Myeloid Leukaemia	15	3.9	0.0	0.0	0.0	0.0	0.0	1.0	1.2	2.6	2.9	0.0	3.9	4.9	5.7	9.2	0.0	5.6	1.5	1.5	3.1	0.157
C95	Unspeci. Leukaemia	3	0.8	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	5.6	0.3	0.3	0.3	0.017
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	34	8.9	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	1.4	4.5	15.7	19.8	11.4	18.4	5.7	16.7	3.3	3.5	8.0	0.397
TOTAL		384	100.0	6.2	2.4	3.2	6.0	11.3	8.3	9.5	21.8	25.9	68.1	108.0	138.4	151.3	188.9	107.8	206.6	37.2	39.9	77.2	4.195

Female, Krishnagiri, 2016

**No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)**

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C01-C02	Tongue	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	8.9	0.0	0.0	0.3	0.4	0.3	0.055
C03-C06	Mouth	47	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	5.7	23.5	6.5	16.0	18.2	13.3	40.8	10.0	4.7	4.9	11.3	0.625
C07-C08	Salivary Gland	5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.2	0.0	3.0	4.4	0.0	0.0	0.5	0.6	1.3	0.064
C09-C10	Oropharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C11	Nasopharynx	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	5.0	0.2	0.2	0.0	0.022
C12-C13	Hypopharynx	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	3.0	0.0	0.0	0.0	0.3	0.3	1.1	0.042
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	10.7	6.1	4.4	0.0	0.0	0.8	0.9	2.5	0.117
C16	Stomach	19	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.4	6.3	10.8	0.0	0.0	22.1	0.0	10.0	1.9	2.0	3.7	0.215
C17	Small Intestine	2	0.3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.012
C18	Colon	8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	1.4	0.0	2.2	2.7	0.0	0.0	5.8	5.0	0.8	0.7	1.4	0.078
C19-C20	Rectum	11	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	5.7	1.6	2.2	0.0	3.0	13.3	0.0	0.0	1.1	1.1	2.1	0.135
C21	Anus & Anal canal	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.1	0.1	0.0	0.000
C22	Liver etc.,	3	0.5	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	4.4	0.0	0.0	0.3	0.3	0.3	0.041
C23-C24	Gall Bladder etc.	9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.8	4.7	0.0	2.7	3.0	4.4	0.0	0.0	0.9	0.9	2.4	0.094
C25	Pancreas	2	0.3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.013
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.014
C32	Larynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C33-C34	Lung	8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	2.2	5.3	3.0	0.0	0.0	0.0	0.8	0.8	2.6	0.084
C37-C39	Oth Respiratory syst	3	0.5	0.0	1.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.3	0.3	0.0	0.012
C40-C41	Bone	3	0.5	0.0	0.0	1.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.3	0.3	0.4	0.026
C43	Melanoma of Skin	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	5.8	0.0	0.2	0.2	0.3	0.037
C44	Skin - others	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	4.4	0.0	5.0	0.3	0.3	0.2	0.028
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	5	0.8	0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.2	0.0	1.6	0.0	0.0	0.0	4.4	0.0	0.0	0.5	0.5	0.5	0.046
C50	Breast	130	21.7	0.0	0.0	0.0	0.0	1.0	1.0	4.9	7.1	27.0	32.9	45.4	53.4	30.4	62.0	29.1	40.1	13.1	13.3	31.1	1.460
C51	Vulva	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.1	0.1	0.0	0.000
C52	Vagina	8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	2.2	2.7	6.1	0.0	5.8	5.0	0.8	0.8	1.9	0.096
C53	Cervix	179	29.9	0.0	0.0	0.0	0.0	1.0	0.0	2.4	10.7	48.4	54.8	60.5	58.8	39.5	57.6	64.0	55.2	18.0	18.1	44.5	1.968
C54	Corpus Uteri	16	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	8.6	10.7	9.1	13.3	0.0	0.0	1.6	1.8	4.5	0.223
C55	Uterus unsp.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C56	Ovary	22	3.7	0.0	0.0	1.2	1.2	0.0	0.0	0.0	1.2	7.1	6.3	6.5	5.3	12.1	4.4	0.0	0.0	2.2	2.2	6.1	0.226
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.7	3.0	0.0	0.0	5.0	0.4	0.4	1.0	0.036
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.0	0.0	5.8	5.0	0.4	0.4	0.7	0.058
C68	Urethra	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.1	0.1	0.0	0.022
C69	Eye And Adnexa	1	0.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C70-C72	Brain & CNS	6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.6	0.5	1.0	0.032
C73	Thyroid	18	3.0	0.0	0.0	0.0	1.2	1.0	1.0	4.9	3.6	1.4	4.7	2.2	2.7	0.0	4.4	5.8	0.0	1.8	1.6	2.6	0.164
C74	Adrenal Gland etc.,	1	0.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C82-86,96	Non-Hodg Lymphoma	6	1.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.2	0.0	1.6	0.0	2.7	0.0	0.0	5.8	5.0	0.6	0.6	0.9	0.062
C90	Multiple Myeloma	4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	6.1	4.4	0.0	0.0	0.4	0.5	1.1	0.066
C91	Lymphoid Leukaemia	8	1.3	0.0	0.0	1.2	1.2	1.0	1.0	0.0	0.0	1.4	0.0	2.2	0.0	0.0	8.9	0.0	0.0	0.8	0.8	0.6	0.084
C92-C94	Myeloid Leukaemia	10	1.7	0.0	0.0	2.3	2.3	0.0	1.0	0.0	1.2	0.0	1.6	2.2	2.7	0.0	0.0	0.0	5.0	1.0	1.0	1.2	0.066
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Uns	Others & Unspecified	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.2	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.7	0.019
C76-80	Primary Uncertain	24	4.0	1.3	0.0	0.0	0.0	1.0	1.0	0.0	0.0	5.7	3.1	4.3	10.7	9.1	17.7	0.0	10.0	2.4	2.6	5.0	0.269
TOTAL		598	100.0	1.3	4.0	5.8	7.0	10.2	7.1	17.1	40.5	115.2	161.3	170.7	203.0	160.8	265.7	168.8	185.6	60.2	61.3	135.8	6.475

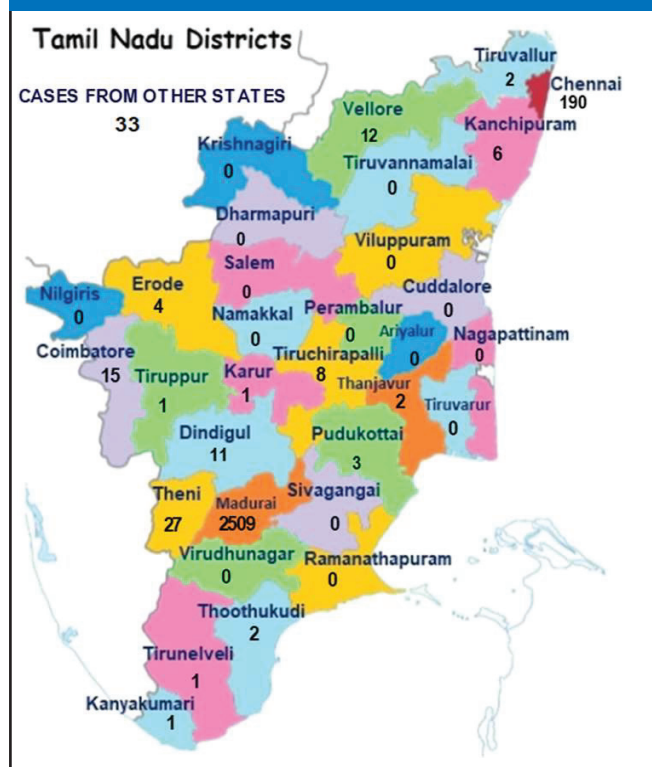
Residence District: Madurai

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	769	861	1128	1260	1319	1517	1667	1817	1967
FEMALE	1068	1119	1470	1524	1509	1724	1853	1982	2110
TOTAL	1837	1980	2598	2784	2828	3241	3520	3799	4077

Year - 2016

New Cases - 2828

No. of Cases Reported from the Source District



No. of Cases by Major Sources

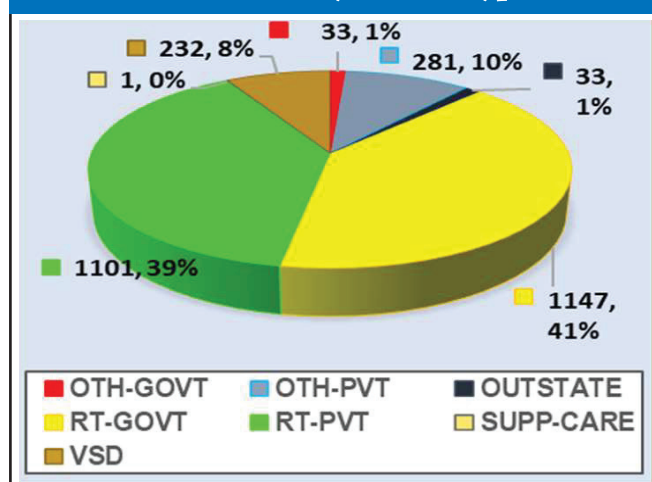
SOURCE NAME	DISTRICT	No.
RCC Govt. Rajaji Hosp.	Madurai	1128
Meenakshi Mission Hosp. & Res.	Madurai	383
Devaki Mult. Spl. Hosp.	Madurai	371
DPH - MADU	Madurai	225
Velammal Med.Coll. Hosp. & Res	Madurai	178
Cancer Institute (WIA) - Adyar	Chennai	143
Quality Care Hosp.	Madurai	79
Apollo Mult. Spl. Hosp.	Madurai	73
Guru Cancer Centre	Madurai	66
Govt. Theni. Med. Coll. Hosp.	Theni	26
RCC_TVRRM	Trivandrum	23
Christian Med. Coll. Hosp.	Vellore	12
Christian Hosp. Ambilikkai.	Dindigul	11
Apollo Hosp. Greams Road	Chennai	10
Rajiv Gandhi Govt. General Hos	Chennai	8
JIPMER	Pondicherry	7
V S Hospitals Advanced Cancer	Chennai	5
DPH - COIM	Coimbatore	4
Govt. Royapettah Hosp.	Chennai	4
Private Minor Source	Madurai	4

As per 2011 census

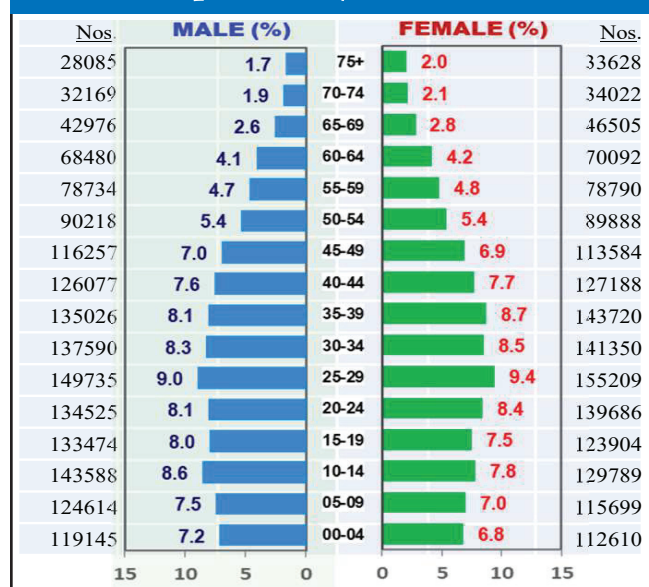
AREA (km²) : 3710

URBAN - RURAL (Ratio) 1 : 0.65

No. of Cases by Source Type



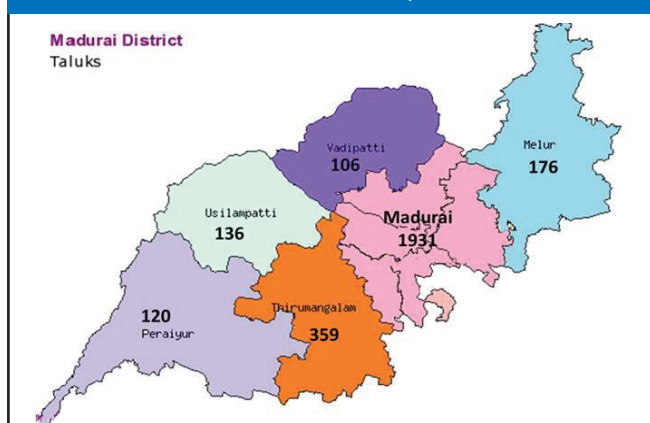
Population Pyramid 2016



Residence District: Madurai

Year: 2016

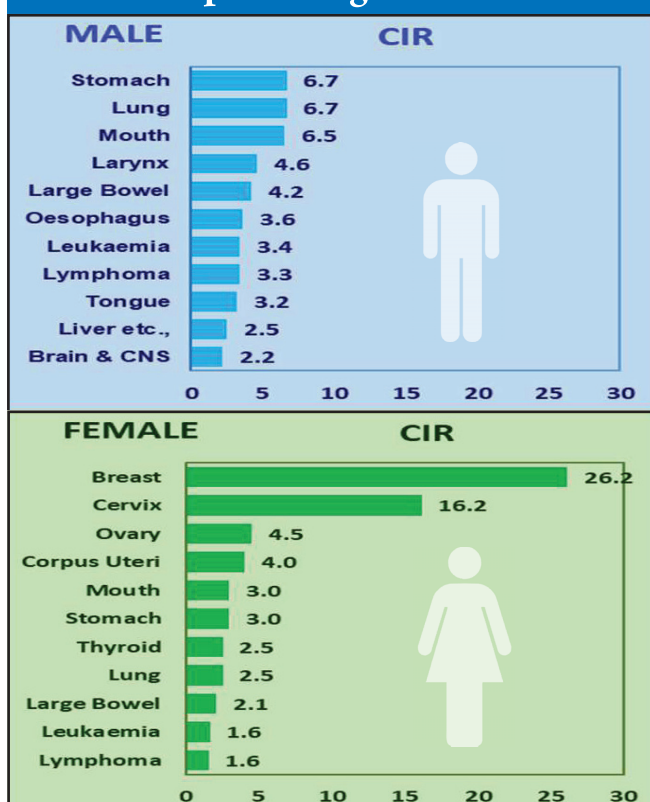
No. of New Cases by Taluks



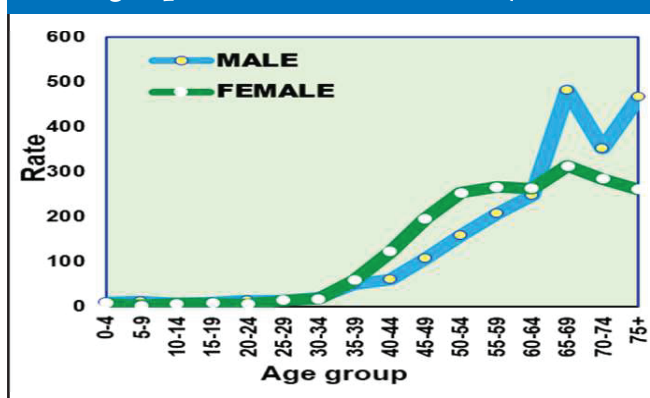
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1319	1509	2828
%	46.6	53.4	100.0
CIR	79.4	91.1	85.3
CR% (0-74 YEARS)	8.407	8.735	8.552
ASR	77.6	82.4	79.7

Top Ranking Cancers



Age Specific Incidence Rates by Sex



A total of 2,828 new cancers, diagnosed in year 2016, were registered among 3.32 million population with a female (1,509) preponderance (1:1.14). A majority were registered from hospitals located in Madurai city (88.7%) followed by those in Chennai city (6.7%); outside state comprised 1.2%. Most of the cases were first diagnosed and/or registered at the Government Rajaji Hospital (39.9%) followed by Meenakshi Mission Hospital (13.5%) and Devaki Multi Specialty Hospital (13.1%) in Madurai. All hospitals with radiotherapy facility in government sector together accounted for 41%; cases registered based on a death certificate only comprised 8%. The average annual crude incidence rate (CIR) per 100,000 population for all cancers together was higher among women (91.1) than men (79.4). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 12. The most number of cases were registered from 35-64 years age group (65%); peak incidence rate was observed in 65-69 years of age among both sexes. The most common cancers among men were stomach (CIR:6.7), lung (6.7), mouth (6.5) and larynx (4.6); among women, the order was breast (26.2), cervix (16.2), ovary (4.5) and corpus uteri (4.0). The new cancer burden was estimated as 4,077 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	38	9.8	21	5.9
15-34	80	14.4	68	12.1
35-64	750	122.0	1089	174.7
65+	451	436.9	331	290.0

CIR, ASR, other rates are per 1,00,000 population

Male, Madurai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	3.6	0.1	0.1	0.2	0.007
C01-C02	Tongue	53	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.2	7.7	6.7	7.6	11.7	18.6	15.5	10.7	3.2	3.0	6.0	0.368
C03-C06	Mouth	108	8.2	0.0	0.0	0.0	0.0	0.7	0.7	2.9	5.2	5.6	11.2	5.5	19.1	26.3	39.6	46.6	17.8	6.5	6.2	11.0	0.815
C07-C08	Salivary Gland	16	1.2	0.0	0.0	0.0	0.0	0.0	0.7	2.2	0.7	0.0	1.7	0.0	1.3	2.9	11.6	0.0	3.6	1.0	0.9	1.0	0.106
C09-C10	Oropharynx	20	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	5.5	5.1	2.9	9.3	3.1	7.1	1.2	1.2	2.2	0.138
C11	Nasopharynx	8	0.6	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.5	0.8	1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.5	0.4	0.9	0.034
C12-C13	Hypopharynx	21	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.6	1.7	3.3	2.5	4.4	11.6	0.0	7.1	1.3	1.2	2.2	0.133
C14	Pharynx unsp	7	0.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.8	0.9	0.0	1.3	1.5	2.3	0.0	0.0	0.4	0.4	0.8	0.041
C15	Oesophagus	60	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.8	6.9	5.5	10.2	14.6	34.9	18.7	17.8	3.6	3.6	5.9	0.464
C16	Stomach	111	8.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	4.8	14.6	24.4	22.9	14.6	55.9	15.5	10.7	6.7	6.3	13.1	0.782
C17	Small Intestine	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	2.3	0.0	0.0	0.2	0.2	0.3	0.024
C18	Colon	37	2.8	0.0	0.0	0.0	0.0	0.7	0.0	1.5	4.4	3.2	1.7	4.4	3.8	7.3	9.3	9.3	10.7	2.2	2.1	4.0	0.229
C19-C20	Rectum	33	2.5	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.8	6.0	2.2	6.4	1.5	14.0	12.4	14.2	2.0	1.9	2.8	0.227
C21	Anus & Anal canal	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.9	0.0	0.0	1.5	0.0	3.1	0.0	0.4	0.4	0.9	0.042
C22	Liver etc.,	41	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	1.7	3.3	11.4	8.8	18.6	18.7	14.2	2.5	2.5	3.6	0.323
C23-C24	Gall Bladder etc.	17	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.0	0.9	3.3	2.5	8.8	2.3	0.0	3.6	1.0	0.9	2.4	0.100
C25	Pancreas	21	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.6	1.7	3.3	7.6	2.9	2.3	3.1	3.6	1.3	1.1	3.0	0.124
C26	Other G.I Tract	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.010
C30-C31	Nasal Cavity etc.	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.3	2.9	2.3	0.0	0.0	0.3	0.3	0.7	0.037
C32	Larynx	77	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	6.9	11.1	14.0	20.4	25.6	40.4	21.4	4.6	4.5	8.2	0.605
C33-C34	Lung	111	8.4	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.7	2.4	8.6	17.7	16.5	30.7	53.5	28.0	46.3	6.7	6.7	11.2	0.795
C37-C39	Oth Respiratory syst	4	0.3	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.2	0.2	0.2	0.018
C40-C41	Bone	14	1.1	0.0	0.8	2.1	0.7	2.2	0.0	0.0	1.5	0.8	0.9	0.0	1.3	1.5	0.0	0.0	0.0	0.8	0.8	1.0	0.058
C43	Melanoma of Skin	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.1	0.0	0.0	4.7	3.1	3.6	0.4	0.4	0.3	0.048
C44	Skin - others	21	1.6	0.8	0.0	0.0	0.7	0.7	0.0	0.0	0.7	1.6	0.0	3.3	6.4	4.4	2.3	3.1	7.1	1.3	1.2	2.4	0.121
C45	Mesothelioma	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.1	0.1	0.0	0.016
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	23	1.7	1.7	0.8	0.0	0.0	0.0	0.7	1.5	2.2	0.8	0.0	2.2	5.1	7.3	2.3	0.0	3.6	1.4	1.4	2.5	0.122
C50	Breast	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	1.1	0.0	0.0	2.3	3.1	0.0	0.3	0.3	0.3	0.040
C60	Penis	11	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.9	2.2	2.5	2.9	2.3	3.1	0.0	0.7	0.6	1.5	0.078
C61	Prostate	33	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	5.1	4.4	14.0	28.0	35.6	2.0	2.1	1.4	0.261
C62	Testis	7	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.5	0.8	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.0	0.029
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	19	1.4	0.8	0.0	0.0	0.0	0.7	0.0	0.0	0.7	2.4	0.9	1.1	2.5	5.8	9.3	0.0	3.6	1.1	1.1	2.0	0.122
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.1	0.1	0.0	0.000
C67	Bladder	37	2.8	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.8	0.9	5.5	3.8	8.8	18.6	3.1	35.6	2.2	2.3	2.8	0.214
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C70-C72	Brain & CNS	37	2.8	1.7	2.4	0.0	0.0	1.5	0.7	2.2	0.7	4.0	4.3	8.9	3.8	0.0	7.0	0.0	3.6	2.2	2.2	3.7	0.186
C73	Thyroid	16	1.2	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.5	0.8	0.0	3.3	1.3	4.4	7.0	6.2	0.0	1.0	0.9	1.7	0.126
C74	Adrenal Gland etc.,	1	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.003
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	14	1.1	0.0	0.8	0.7	0.0	1.5	1.3	0.0	1.5	0.0	2.6	2.2	1.3	0.0	0.0	0.0	0.0	0.8	0.8	1.3	0.059
C82-86,96	Non-Hodg Lymphoma	42	3.2	1.7	0.0	0.0	2.2	0.7	2.0	0.0	2.2	1.6	5.2	2.2	0.0	10.2	18.6	6.2	10.7	2.5	2.6	3.4	0.266
C90	Multiple Myeloma	21	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	4.4	6.4	7.3	11.6	0.0	3.6	1.3	1.2	2.6	0.153
C91	Lymphoid Leukaemia	29	2.2	2.5	5.6	2.8	1.5	1.5	1.3	0.0	0.0	1.6	1.7	0.0	2.5	0.0	4.7	3.1	0.0	1.7	2.0	1.0	0.144
C92-C94	Myeloid Leukaemia	26	2.0	0.0	0.0	1.4	1.5	2.2	0.7	2.2	2.2	2.4	0.0	1.1	2.5	5.8	4.7	0.0	0.0	1.6	1.4	2.2	0.134
C95	Unspeci. Leukaemia	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.004
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	188	14.3	0.0	1.6	0.0	0.7	0.0	0.7	0.0	6.7	10.3	12.9	23.3	22.9	19.0	58.2	74.6	163.8	11.3	11.4	14.9	1.149
TOTAL		1319	100.0	10.1	12.0	7.7	9.0	13.4	14.0	21.1	51.1	61.9	108.4	159.6	207.0	248.2	481.7	351.3	466.4	79.4	77.6	127.3	8.407

Female, Madurai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	2.9	0.0	0.1	0.1	0.2	0.019
C01-C02	Tongue	19	1.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.6	0.9	4.5	3.8	5.7	6.5	2.9	0.0	1.1	1.1	2.4	0.133
C03-C06	Mouth	49	3.2	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.4	0.8	2.6	8.9	8.9	7.1	21.5	17.6	14.9	3.0	2.8	4.4	0.352
C07-C08	Salivary Gland	4	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.4	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.2	0.2	0.5	0.017
C09-C10	Oropharynx	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.9	0.0	0.0	0.0	0.0	0.0	3.0	0.2	0.2	0.5	0.012
C11	Nasopharynx	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.014
C12-C13	Hypopharynx	16	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.4	0.9	2.2	5.1	0.0	2.2	0.0	3.0	1.0	0.8	2.2	0.077
C14	Pharynx unsp	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.1	0.1	0.0	0.011
C15	Oesophagus	23	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	3.1	3.5	2.2	1.3	5.7	6.5	5.9	0.0	1.4	1.2	2.8	0.151
C16	Stomach	49	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.9	7.0	11.1	11.4	8.6	12.9	8.8	3.0	3.0	2.7	6.6	0.321
C17	Small Intestine	2	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.010
C18	Colon	14	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	1.6	0.0	2.2	1.3	2.9	4.3	2.9	3.0	0.8	0.7	1.5	0.086
C19-C20	Rectum	21	1.4	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.1	0.8	3.5	3.3	3.8	5.7	2.2	2.9	0.0	1.3	1.1	3.0	0.125
C21	Anus & Anal canal	10	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	4.5	2.5	1.4	0.0	2.9	0.0	0.6	0.5	1.6	0.065
C22	Liver etc.,	10	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.2	3.8	0.0	2.2	8.8	0.0	0.6	0.6	1.0	0.089
C23-C24	Gall Bladder etc.	11	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.8	1.1	2.5	0.0	2.2	5.9	3.0	0.7	0.6	1.2	0.075
C25	Pancreas	18	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	2.4	3.5	2.2	1.3	4.3	0.0	2.9	5.9	1.1	0.9	2.3	0.090
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.1	0.1	0.0	0.011
C30-C31	Nasal Cavity etc.	2	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C32	Larynx	12	0.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.7	1.6	0.0	1.1	1.3	1.4	6.5	2.9	3.0	0.7	0.7	1.0	0.081
C33-C34	Lung	42	2.8	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.7	1.6	5.3	8.9	5.1	12.8	10.8	2.9	11.9	2.5	2.3	5.2	0.247
C37-C39	Oth Respiratory syst	3	0.2	0.0	0.0	0.8	0.0	0.0	0.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.010
C40-C41	Bone	10	0.7	0.0	0.0	0.8	1.6	0.7	0.6	1.4	0.7	0.0	0.0	0.0	1.3	1.4	0.0	0.0	0.0	0.6	0.6	0.5	0.043
C43	Melanoma of Skin	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.004
C44	Skin - others	9	0.6	0.0	0.0	0.0	0.8	0.0	0.0	0.7	0.7	0.8	0.0	0.0	0.0	1.4	6.5	0.0	3.0	0.5	0.5	0.5	0.054
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	14	0.9	0.0	0.0	0.8	0.0	0.0	0.0	0.7	1.4	1.6	1.8	1.1	0.0	2.9	2.2	2.9	3.0	0.8	0.7	1.5	0.077
C50	Breast	433	28.7	0.0	0.0	0.0	0.0	0.7	1.9	7.1	15.3	53.5	68.7	86.8	91.4	58.5	64.5	47.0	41.6	26.2	22.9	59.9	2.447
C51	Vulva	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.1	1.3	0.0	0.0	0.0	3.0	0.3	0.3	0.7	0.021
C52	Vagina	9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	4.5	0.0	1.4	2.2	2.9	0.0	0.5	0.5	1.2	0.062
C53	Cervix	268	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	8.4	21.2	41.4	47.8	48.2	59.9	64.5	61.7	20.8	16.2	14.6	35.4	1.753
C54	Corpus Uteri	67	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	7.9	11.1	11.4	25.7	19.4	17.6	11.9	4.0	3.8	8.4	0.472
C55	Uterus unsp.	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	2.2	1.3	0.0	2.2	0.0	0.0	0.4	0.3	0.8	0.036
C56	Ovary	75	5.0	0.0	0.9	0.8	0.0	0.0	1.3	0.7	3.5	7.1	10.6	4.5	19.0	21.4	8.6	14.7	3.0	4.5	4.0	10.0	0.464
C57	Oth female Genital	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.8	0.0	1.1	1.3	0.0	2.2	2.9	0.0	0.4	0.4	0.6	0.048
C58	Placenta	2	0.1	0.0	0.0	0.0	0.0	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C64	Kidney	4	0.3	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.0	1.1	0.0	1.4	0.0	0.0	0.0	0.2	0.2	0.5	0.021
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.2	0.0	1.4	6.5	0.0	0.0	0.4	0.4	0.7	0.055
C68	Urethera	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	23	1.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	3.5	1.6	4.4	6.7	2.5	0.0	4.3	0.0	0.0	1.4	1.2	3.2	0.119
C73	Thyroid	42	2.8	0.0	0.0	0.0	0.0	0.7	3.2	1.4	0.7	3.1	7.0	3.3	7.6	4.3	10.8	2.9	8.9	2.5	2.3	4.2	0.226
C74	Adrenal Gland etc.,	1	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	5	0.3	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.019
C82-86,96	Non-Hodg Lymphoma	21	1.4	1.8	0.0	0.8	0.8	0.0	1.3	0.0	2.1	1.6	0.0	3.3	6.3	0.0	2.2	2.9	0.0	1.3	1.2	2.1	0.115
C90	Multiple Myeloma	12	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	3.3	2.5	2.9	6.5	0.0	0.0	0.7	0.7	1.6	0.084
C91	Lymphoid Leukaemia	12	0.8	3.6	0.9	1.5	0.0	1.4	0.0	0.0	0.0	0.8	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.5	0.052
C92-C94	Myeloid Leukaemia	13	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	5.3	1.1	2.5	0.0	0.0	2.9	0.0	0.8	0.7	1.8	0.071
C95	Unspeci. Leukaemia	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
Oth & Uns	Others & Unspecified	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.4	2.2	2.9	3.0	0.3	0.3	0.3	0.036
C76-80	Primary Uncertain	140	9.3	0.9	0.9	0.8	1.6	0.7	1.3	2.1	2.1	2.4	10.6	15.6	15.2	22.8	28.0	52.9	113.0	8.5	8.1	10.3	0.787
TOTAL		1509	100.0	8.0	2.6	6.9	8.1	6.4	14.8	18.4	59.8	123.4	196.3	253.7	266.5	263.9	313.9	285.1	261.7	91.1	82.4	182.8	8.735

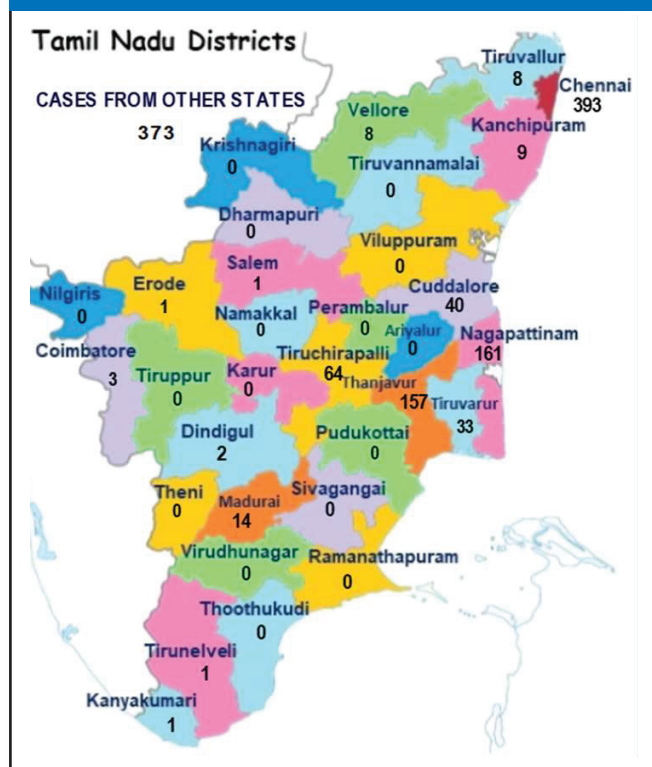
Residence District: Nagapattinam

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	519	550	605	556	605	620	638	656	674
FEMALE	608	716	737	638	664	683	686	690	693
TOTAL	1127	1266	1342	1194	1269	1303	1324	1346	1367

Year - 2016

New Cases - 1269

No. of Cases Reported from the Source District

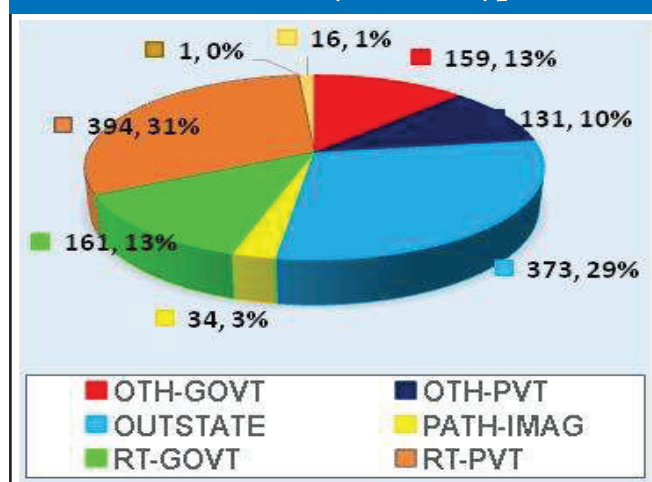


As per 2011 census

AREA (km²) : 2569

URBAN - RURAL (Ratio) **1 : 3.43**

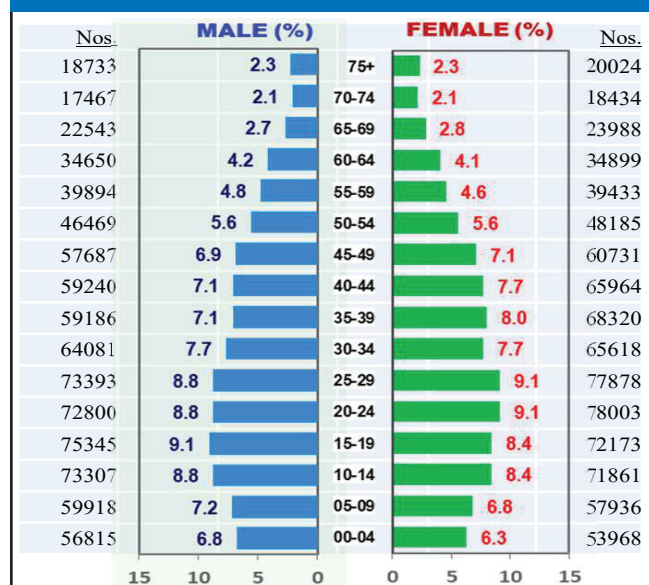
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
JIPMER	Pondicherry	325
Cancer Institute (WIA) - Adyar	Chennai	217
Govt. Thanjavur Med. Coll. Hos	Thanjavur	69
Rajiv Gandhi Govt. General Hos	Chennai	49
Meenakshi Hosp. Dr. APJ Abdul	Thanjavur	44
Vinayaka Mission's Med. Coll.	Pondicherry	28
Tamilnadu Govt Multi Super Spe	Chennai	27
Govt.Thiruvavarur Med. Coll. Hos	Tiruvavarur	25
GVN Hosp. Singarathoppu	Tiruchirapalli	24
Rajah Muthaiah Med.Coll. & Hos	Cuddalore	23
Govt. District Hqtrs. Hosp.	Nagapattinam	23
Thanjavur Cancer Centre	Thanjavur	22
Shanthi Nursing Home	Nagapattinam	21
Sakthi Lab	Nagapattinam	20
Govt. Royapettah Hosp.	Chennai	20
Dr. G Viswanathan Speciality H	Tiruchirapalli	13
Harshamitra Hosp.	Tiruchirapalli	13
GH Mailaduthurai	Nagapattinam	11
V S Hospitals Advanced Cancer	Chennai	10
Raja Muthaiah Dent. Coll. & Ho	Cuddalore	10

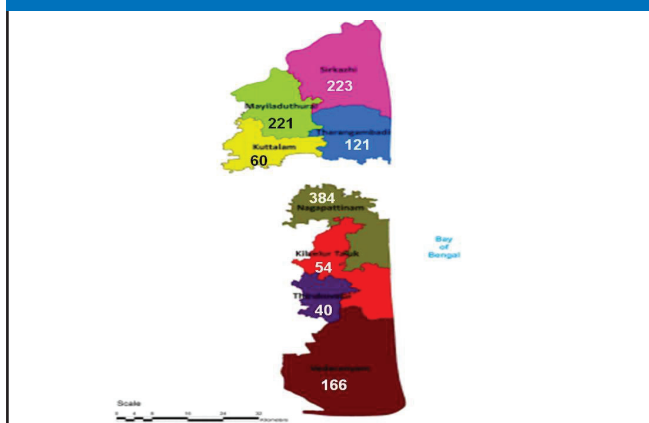
Population Pyramid 2016



Residence District: Nagapattinam

Year: 2016

No. of New Cases by Taluks

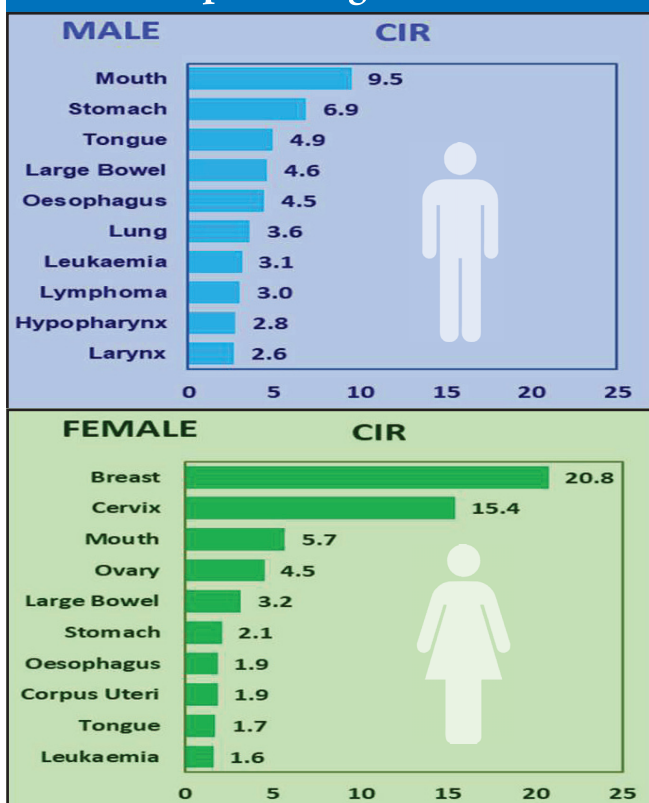


Cancer Incidence Statistics

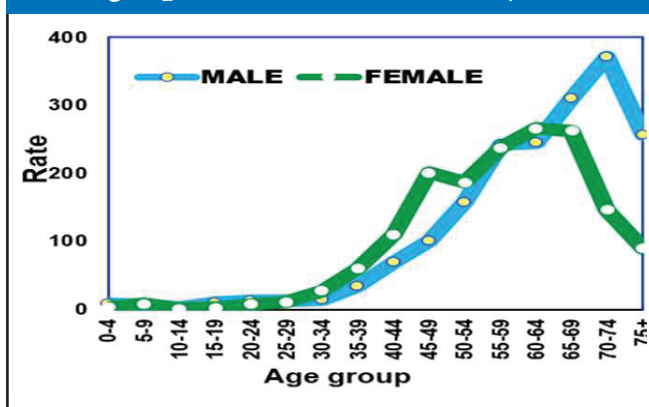
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	605	664	1269
%	47.7	52.3	100.0
CIR	72.8	77.5	75.1
CR% (0-74 YEARS)	7.698	7.390	7.543
ASR	67.4	69.3	68.5

A total of 1,269 new cancers, diagnosed in year 2016, were registered among 1.69 million population with a female (664) preponderance (1:1.10). Almost one-third of cases were registered from hospitals located in Chennai city followed by those outside the state (29.4%) and within Nagapattinam district (12.7%). A majority were either first diagnosed and/or registered for TNCRP at JIPMER, Pondichery (25.6%) followed by the Cancer Institute (W.I.A), Chennai (17.1%) and Government Medical College Hospital, Thanjavur (5.4%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (31%). The average annual CIR per 100,000 population for all cancers together was higher among women (77.5) than men (72.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 13. The number of cases of all cancers together were the highest in 35-64 years age-group (69.9%) while the peak incidence rate was observed in 65-69 years among women and 70-74 years among men. The most common cancers among men were mouth (CIR:9.5), stomach (6.9) and tongue (4.9); among women, the order was breast (20.8), cervix (15.4) and mouth (5.7). The new cancer burden was estimated as 1,367 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	11	5.8	8	4.4
15-34	37	13.0	35	11.9
35-64	374	125.9	513	161.6
65+	183	311.5	108	172.9

CIR, ASR, other rates are per 1,00,000 population

Male, Nagapattinam, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.5	2.9	0.0	5.7	10.7	0.7	0.6	1.0	0.064
C01-C02	Tongue	41	6.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	3.4	5.1	6.9	6.5	25.1	17.3	22.2	34.4	0.0	4.9	4.5	9.5	0.616
C03-C06	Mouth	79	13.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.7	10.1	19.1	25.8	45.1	37.5	17.7	34.4	37.4	9.5	8.5	20.8	0.964
C07-C08	Salivary Gland	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	5.3	0.2	0.2	0.4	0.014
C09-C10	Oropharynx	18	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.5	4.3	7.5	11.5	17.7	11.5	0.0	2.2	2.0	4.2	0.289
C11	Nasopharynx	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.7	0.017
C12-C13	Hypopharynx	23	3.8	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.7	0.0	0.0	4.3	10.0	5.8	35.5	22.9	5.3	2.8	2.7	3.1	0.408
C14	Pharynx unsp	4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	0.0	0.0	2.5	0.0	4.4	0.0	0.0	0.5	0.4	1.0	0.052
C15	Oesophagus	37	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	5.2	19.4	10.0	17.3	13.3	40.1	16.0	4.5	4.1	8.3	0.542
C16	Stomach	57	9.4	0.0	0.0	0.0	0.0	0.0	0.0	1.6	6.8	11.8	5.2	12.9	15.0	23.1	44.4	40.1	26.7	6.9	6.4	11.6	0.801
C17	Small Intestine	6	1.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	2.2	10.0	0.0	0.0	0.0	0.0	0.7	0.6	1.6	0.068
C18	Colon	14	2.3	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	3.5	2.2	5.0	8.7	8.9	17.2	0.0	1.7	1.6	2.8	0.235
C19-C20	Rectum	24	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	1.7	5.2	8.6	7.5	5.8	8.9	17.2	16.0	2.9	2.6	4.4	0.298
C21	Anus & Anal canal	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.1	0.1	0.0	0.022
C22	Liver etc.,	16	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.7	10.8	5.0	5.8	0.0	5.7	21.4	1.9	1.7	3.8	0.153
C23-C24	Gall Bladder etc.	10	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	0.0	2.2	5.0	5.8	8.9	5.7	0.0	1.2	1.1	2.4	0.154
C25	Pancreas	7	1.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	8.6	2.5	0.0	0.0	0.0	5.3	0.8	0.7	1.7	0.062
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	6	1.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.7	1.7	0.0	4.3	0.0	0.0	4.4	0.0	0.0	0.7	0.7	1.3	0.068
C32	Larynx	22	3.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	8.7	4.3	7.5	8.7	13.3	11.5	16.0	2.6	2.4	4.5	0.277
C33-C34	Lung	30	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	5.1	8.7	0.0	20.1	20.2	4.4	22.9	5.3	3.6	3.2	7.9	0.413
C37-C39	Oth Respiratory syst	1	0.2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C40-C41	Bone	7	1.2	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	1.7	0.0	2.2	2.5	0.0	8.9	0.0	0.0	0.8	0.8	1.0	0.089
C43	Melanoma of Skin	5	0.8	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	8.7	0.0	0.0	0.0	0.6	0.6	1.5	0.059
C44	Skin - others	18	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	6.9	4.3	5.0	5.8	4.4	11.5	5.3	2.2	1.9	4.7	0.223
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	8	1.3	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.7	0.0	2.2	5.0	5.8	4.4	0.0	0.0	1.0	0.9	2.1	0.102
C50	Breast	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	5.0	0.0	0.0	0.0	0.0	0.4	0.3	1.0	0.036
C60	Penis	10	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	1.7	2.2	0.0	2.9	4.4	11.5	10.7	1.2	1.1	1.7	0.130
C61	Prostate	19	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	4.3	7.5	5.8	13.3	22.9	21.4	2.3	2.1	2.7	0.278
C62	Testis	2	0.3	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.015
C63	Oth Male Genital	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.1	0.1	0.4	0.014
C64	Kidney	10	1.7	1.8	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.7	0.0	5.0	11.5	0.0	0.0	5.3	1.2	1.2	2.5	0.107
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	13	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.7	8.9	17.2	16.0	1.6	1.5	1.8	0.199
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	9	1.5	0.0	1.7	0.0	0.0	0.0	0.0	0.0	3.4	0.0	1.7	2.2	0.0	5.8	8.9	0.0	0.0	1.1	1.1	2.1	0.118
C73	Thyroid	4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	4.3	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.4	0.039
C74	Adrenal Gland etc.,	1	0.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	5	0.8	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.7	3.4	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.6	0.6	1.0	0.054
C82-86,96	Non-Hodg Lymphoma	20	3.3	1.8	1.7	0.0	0.0	1.4	1.4	0.0	1.7	1.7	1.7	8.6	5.0	0.0	8.9	11.5	16.0	2.4	2.4	3.0	0.226
C90	Multiple Myeloma	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.013
C91	Lymphoid Leukaemia	8	1.3	3.5	1.7	0.0	1.3	1.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	1.0	1.2	0.0	0.082
C92-C94	Myeloid Leukaemia	16	2.6	0.0	0.0	1.4	4.0	2.7	1.4	1.6	1.7	0.0	3.5	2.2	2.5	0.0	8.9	5.7	0.0	1.9	1.8	1.7	0.178
C95	Unspeci. Leukaemia	2	0.3	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.2	0.3	0.0	0.031
Oth & Unsp	Others & Unspecified	6	1.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	4.4	5.7	5.3	0.7	0.7	0.3	0.074
C76-80	Primary Uncertain	31	5.1	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.7	5.1	5.2	6.5	17.6	14.4	17.7	11.5	10.7	3.7	3.4	7.5	0.404
TOTAL		605	100.0	8.8	6.7	2.7	10.6	13.7	13.6	14.0	33.8	69.2	100.5	157.1	243.2	245.3	310.5	372.2	256.3	72.8	67.4	127.8	7.698

Female, Nagapattinam, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	5.1	0.0	0.0	0.0	5.0	0.5	0.4	1.0	0.034
C01-C02	Tongue	15	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.6	2.1	12.7	11.5	4.2	0.0	5.0	1.7	1.6	4.4	0.175
C03-C06	Mouth	49	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.0	13.2	8.3	12.7	45.9	33.3	21.7	0.0	5.7	5.3	12.6	0.705
C07-C08	Salivary Gland	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.1	2.5	2.9	0.0	0.0	0.0	0.5	0.4	1.3	0.045
C09-C10	Oropharynx	3	0.5	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	2.9	0.0	0.0	0.0	0.4	0.4	0.7	0.031
C11	Nasopharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
C12-C13	Hypopharynx	5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.1	5.1	0.0	4.2	0.0	0.0	0.6	0.5	1.3	0.065
C14	Pharynx unsp	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.013
C15	Oesophagus	16	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	8.2	0.0	10.1	5.7	8.3	0.0	5.0	1.9	1.7	4.2	0.177
C16	Stomach	18	2.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0	4.4	0.0	4.9	4.2	5.1	8.6	8.3	5.4	5.0	2.1	1.9	4.2	0.211
C17	Small Intestine	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.7	0.019
C18	Colon	7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.6	4.2	0.0	0.0	4.2	5.4	0.0	0.8	0.7	1.6	0.092
C19-C20	Rectum	21	3.2	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.5	3.0	3.3	8.3	12.7	5.7	8.3	0.0	5.0	2.4	2.2	5.2	0.229
C21	Anus & Anal canal	5	0.8	0.0	0.0	0.0	0.0	0.0	1.3	1.5	0.0	0.0	1.6	0.0	0.0	0.0	4.2	5.4	0.0	0.6	0.5	0.3	0.070
C22	Liver etc.,	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	4.2	0.0	0.0	0.4	0.3	0.6	0.037
C23-C24	Gall Bladder etc.	6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.3	0.0	0.0	0.0	12.5	0.0	0.0	0.7	0.7	0.9	0.087
C25	Pancreas	5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	2.9	4.2	5.4	0.0	0.6	0.6	1.0	0.088
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.020
C32	Larynx	6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	2.1	2.5	0.0	0.0	0.0	5.0	0.7	0.6	1.6	0.048
C33-C34	Lung	13	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	6.2	7.6	5.7	4.2	0.0	0.0	1.5	1.4	4.0	0.152
C37-C39	Oth Respiratory syst	1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C40-C41	Bone	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	2.9	0.0	0.0	0.0	0.2	0.2	0.7	0.023
C43	Melanoma of Skin	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.0	2.5	0.0	4.2	0.0	0.0	0.5	0.4	0.9	0.049
C44	Skin - others	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.1	0.0	2.9	0.0	0.0	0.0	0.5	0.4	1.3	0.040
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.1	2.5	0.0	8.3	0.0	5.0	0.7	0.6	0.9	0.072
C50	Breast	178	26.8	0.0	0.0	0.0	0.0	1.3	6.4	16.8	26.4	40.9	44.5	51.9	50.7	45.9	54.2	59.7	20.0	20.8	18.0	42.5	1.973
C51	Vulva	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.5	0.0	0.0	0.0	0.0	0.2	0.2	0.7	0.023
C52	Vagina	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	2.5	0.0	4.2	0.0	0.0	0.5	0.4	1.0	0.054
C53	Cervix	132	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	19.7	54.3	51.9	35.5	80.2	45.9	10.9	20.0	15.4	13.8	38.2	1.495
C54	Corpus Uteri	16	2.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.0	3.3	6.2	7.6	2.9	8.3	0.0	5.0	1.9	1.6	3.9	0.172
C55	Uterus unsp.	7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.8	0.7	1.9	0.061
C56	Ovary	39	5.9	0.0	0.0	0.0	0.0	1.3	0.0	0.0	5.9	12.1	14.8	6.2	7.6	11.5	16.7	16.3	0.0	4.5	4.0	9.8	0.461
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.2	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C64	Kidney	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	5.7	0.0	0.0	5.0	0.5	0.4	1.1	0.037
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.1	0.1	0.4	0.014
C68	Urethera	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C69	Eye And Adnexa	1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C70-C72	Brain & CNS	11	1.7	0.0	1.7	0.0	0.0	1.3	1.3	0.0	2.9	0.0	3.3	2.1	5.1	2.9	0.0	0.0	0.0	1.3	1.2	2.6	0.103
C73	Thyroid	8	1.2	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.5	1.5	3.3	0.0	5.1	0.0	4.2	0.0	0.0	0.9	0.8	1.9	0.084
C74	Adrenal Gland etc.,	1	0.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.2	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C82-86,96	Non-Hodg Lymphoma	13	2.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	1.5	3.0	3.3	2.1	10.1	0.0	4.2	5.4	0.0	1.5	1.4	3.2	0.157
C90	Multiple Myeloma	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.5	2.9	4.2	0.0	0.0	0.5	0.4	1.0	0.056
C91	Lymphoid Leukaemia	5	0.8	0.0	0.0	1.4	2.8	1.3	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.3	0.035
C92-C94	Myeloid Leukaemia	8	1.2	1.9	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.0	1.6	0.0	5.1	2.9	0.0	0.0	0.0	0.9	0.9	1.9	0.080
C95	Unspeci. Leukaemia	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
Oth & Unsp	Others & Unspecified	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.1	0.0	5.7	0.0	0.0	0.0	0.5	0.4	1.4	0.047
C76-80	Primary Uncertain	19	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	3.3	4.2	12.7	5.7	8.3	10.9	5.0	2.2	2.0	4.6	0.249
TOTAL		664	100.0	3.7	8.6	1.4	2.8	7.7	11.6	27.4	60.0	110.7	200.9	186.8	238.4	266.5	262.6	146.5	89.9	77.5	69.3	167.2	7.390

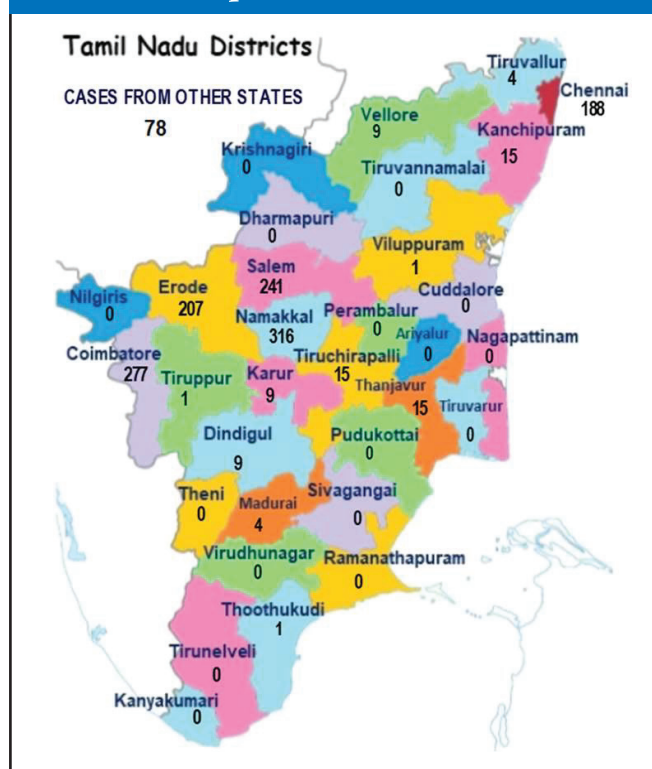
Residence District: Namakkal

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	458	507	502	579	514	567	586	604	622
FEMALE	687	678	646	704	876	839	880	920	961
TOTAL	1145	1185	1148	1283	1390	1406	1466	1524	1583

Year - 2016

New Cases - 1390

No. of Cases Reported from the Source District



No. of Cases by Major Sources

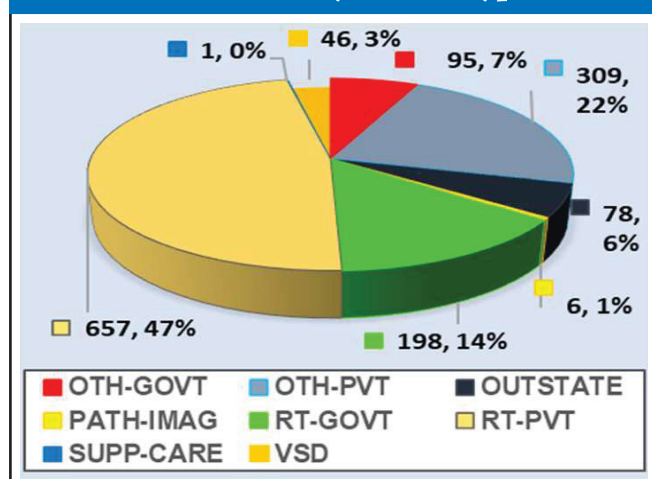
SOURCE NAME	DISTRICT	No.
Thangam Hosp.	Namakkal	160
Erode Cancer Cent.	Erode	157
G Kuppusamy Naidu Memorial Hos	Coimbatore	142
Cancer Institute (WIA) - Adyar	Chennai	131
Govt. Mohan Kumaramangalam Me	Salem	128
Salem Cancer Institute	Salem	75
JIPMER	Pondicherry	69
DPH - NMKL	Namakkal	44
Kovai Med. Center & Hosp.	Coimbatore	42
KSR Dent. Coll. Hosp.	Namakkal	36
Sri Ramakrishna Inst. of Oncol	Coimbatore	32
Ashwin Hosp.	Coimbatore	31
Rajiv Gandhi Govt. General Hos	Chennai	20
GH Thiruchengadu	Namakkal	16
SKS Hosp.	Salem	16
GH Sendamangalam	Namakkal	15
Govt. Thanjavur Med. Coll. Hos	Thanjavur	14
RCC Govt. Arignar Anna Mem. Ca	Kanchipuram	12
PSG Inst. of Med. Sciences & R	Coimbatore	11
RCC Coimbatore Govt. Med. Coll.	Coimbatore	11

As per 2011 census

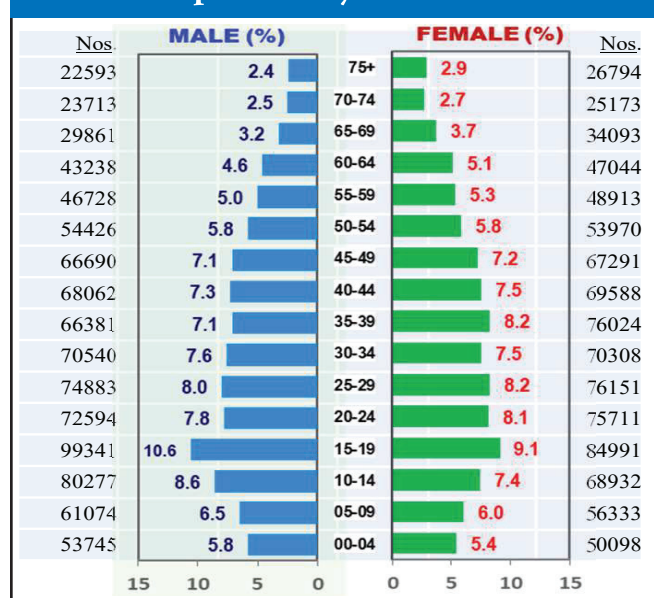
AREA (km²) : 3420

URBAN - RURAL (Ratio) 1 : 1.48

No. of Cases by Source Type



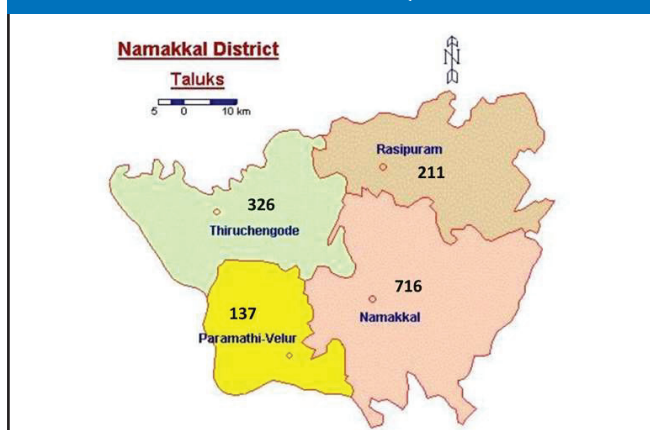
Population Pyramid 2016



Residence District: Namakkal

Year: 2016

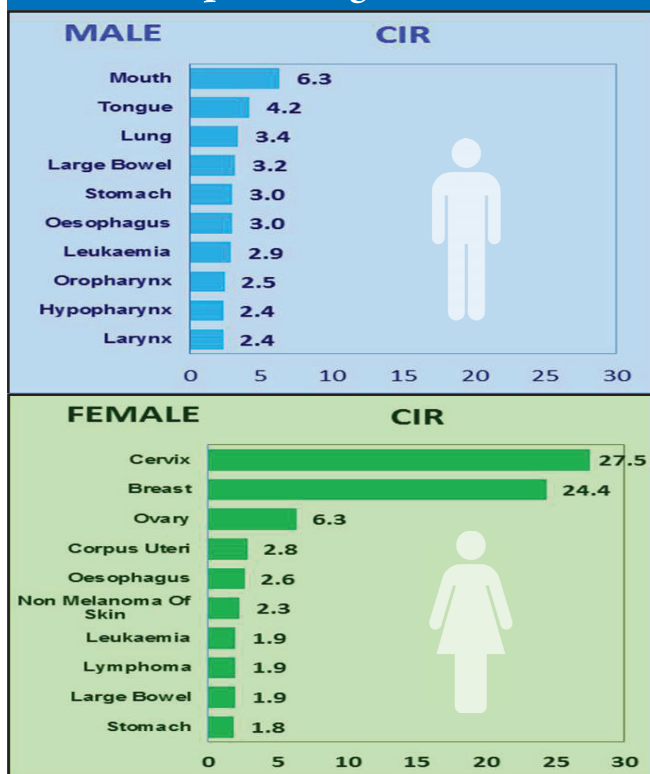
No. of New Cases by Taluks



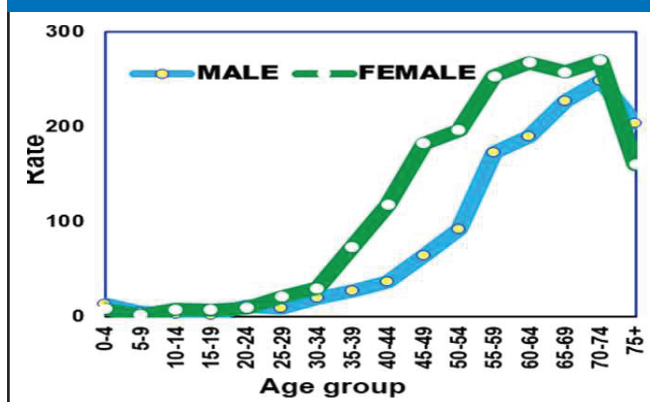
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	514	876	1390
%	37.0	63.0	100.0
CIR	55.0	94.1	74.5
CR% (0-74 YEARS)	5.453	8.169	6.847
ASR	47.9	76.1	62.2

Top Ranking Cancers



Age Specific Incidence Rates by Sex



A total of 1,390 new cancers, diagnosed in year 2016, were registered among 1.87 million population with a female (876) preponderance (1:1.70). Most cases were registered from hospitals in Namakkal (22.7%) followed by those located in Coimbatore (19.9%) and Salem (17.3%) districts. A majority were first diagnosed and/or registered for TNCRP at Thangam Hospital, Namakkal (11.5%) followed by Erode Cancer Centre, Erode (11.3%) and G. Kuppasamy Naidu Memorial Hospital, Coimbatore (10.2%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (47%); cases registered based on a death certificate only were 3%. The average annual CIR per 100,000 population for all cancers together was higher among women (94.1) than men (55.0). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 15. The number of cases of all cancers together were the highest in 35-64 years age-group (65.9%) while the peak incidence rate was observed in 70-74 years among both sexes. The CIR of the most common cancers among men were mouth (6.9), tongue (4.2) and lung (3.4); Among women, the rank order was cervix (27.5), breast (24.4) and ovary (6.3). The new cancer burden was estimated as 1,583 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	12	6.2	10	5.7
15-34	30	9.5	50	16.3
35-64	299	86.5	617	170.1
65+	173	227.1	199	231.2

CIR, ASR, other rates are per 1,00,000 population

Male, Namakkal, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.1	0.1	0.0	0.017
C01-C02	Tongue	39	7.6	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	4.4	3.0	11.0	10.7	18.5	20.1	16.9	13.3	4.2	3.5	7.3	0.437
C03-C06	Mouth	59	11.5	0.0	0.0	0.0	0.0	0.0	0.0	4.3	6.0	10.3	9.0	9.2	21.4	16.2	13.4	29.5	26.6	6.3	5.3	11.2	0.595
C07-C08	Salivary Gland	5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.8	0.0	0.0	3.3	0.0	4.4	0.5	0.5	0.9	0.041
C09-C10	Oropharynx	23	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	3.7	8.6	11.6	13.4	16.9	13.3	2.5	2.1	3.5	0.278
C11	Nasopharynx	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	3.3	4.2	0.0	0.3	0.3	0.3	0.049
C12-C13	Hypopharynx	22	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	10.7	9.3	20.1	12.7	8.9	2.4	2.0	3.2	0.282
C14	Pharynx unsp	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	3.3	0.0	0.0	0.3	0.3	0.6	0.038
C15	Oesophagus	28	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.9	6.0	3.7	10.7	13.9	10.1	12.7	8.9	3.0	2.5	5.8	0.307
C16	Stomach	28	5.4	0.0	0.0	0.0	0.0	0.0	1.3	2.8	3.0	0.0	3.0	3.7	15.0	2.3	6.7	21.1	17.7	3.0	2.5	4.0	0.295
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	12	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	9.3	0.0	8.4	0.0	1.3	1.1	3.0	0.144
C19-C20	Rectum	18	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.7	8.6	4.6	16.7	4.2	8.9	1.9	1.7	2.9	0.204
C21	Anus & Anal canal	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.3	0.0	0.0	4.4	0.3	0.3	0.6	0.022
C22	Liver etc.,	12	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.5	3.7	4.3	6.9	0.0	0.0	4.4	1.3	1.1	3.2	0.104
C23-C24	Gall Bladder etc.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
C25	Pancreas	8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	4.3	2.3	3.3	12.7	0.0	0.9	0.7	1.1	0.122
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	3.3	4.2	4.4	0.4	0.4	0.3	0.045
C32	Larynx	22	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.5	1.8	10.7	2.3	13.4	25.3	4.4	2.4	2.0	3.1	0.298
C33-C34	Lung	32	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	4.5	5.5	10.7	20.8	23.4	12.7	0.0	3.4	2.9	6.4	0.402
C37-C39	Oth Respiratory syst	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
C40-C41	Bone	3	0.6	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.3	0.0	0.0	0.0	0.3	0.3	0.6	0.029
C43	Melanoma of Skin	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C44	Skin - others	10	1.9	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.5	0.0	0.0	1.8	0.0	4.6	6.7	0.0	13.3	1.1	0.9	1.2	0.080
C45	Mesothelioma	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.1	0.1	0.3	0.012
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.1	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.018
C50	Breast	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	3.3	0.0	4.4	0.3	0.3	0.3	0.028
C60	Penis	11	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.8	4.3	6.9	6.7	4.2	0.0	1.2	1.0	2.3	0.135
C61	Prostate	19	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	4.3	9.3	6.7	21.1	22.1	2.0	1.7	2.0	0.214
C62	Testis	7	1.4	0.0	0.0	0.0	1.0	4.1	0.0	1.4	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.6	0.048
C63	Oth Male Genital	1	0.2	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C64	Kidney	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.1	0.0	3.3	4.2	0.0	0.4	0.4	0.6	0.058
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	13	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	6.4	4.6	3.3	0.0	22.1	1.4	1.2	2.0	0.087
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C70-C72	Brain & CNS	9	1.8	1.9	0.0	0.0	0.0	1.4	0.0	1.4	0.0	0.0	4.5	0.0	2.1	0.0	6.7	0.0	0.0	1.0	1.0	1.1	0.090
C73	Thyroid	5	1.0	0.0	0.0	0.0	0.0	0.0	2.7	1.4	0.0	1.5	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.5	0.5	0.3	0.045
C74	Adrenal Gland etc.,	1	0.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C75	Endocrine Glands	1	0.2	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C81	Hodgkin Disease	2	0.4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.016
C82-86,96	Non-Hodg Lymphoma	15	2.9	1.9	3.3	1.2	0.0	0.0	0.0	0.0	1.5	0.0	3.0	3.7	4.3	4.6	0.0	4.2	4.4	1.6	1.6	2.6	0.139
C90	Multiple Myeloma	6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	1.8	0.0	2.3	3.3	4.2	4.4	0.6	0.5	0.6	0.066
C91	Lymphoid Leukaemia	10	1.9	3.7	0.0	0.0	0.0	1.4	0.0	1.4	0.0	0.0	1.5	1.8	0.0	2.3	0.0	12.7	0.0	1.1	1.2	0.9	0.124
C92-C94	Myeloid Leukaemia	13	2.5	1.9	0.0	0.0	0.0	0.0	4.0	1.4	0.0	2.9	3.0	3.7	4.3	0.0	0.0	0.0	0.0	1.4	1.3	2.3	0.106
C95	Unspeci. Leukaemia	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.5	0.0	0.0	2.3	0.0	4.2	0.0	0.4	0.4	0.6	0.047
Oth & Unsp	Others & Unspecified	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.1	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.020
C76-80	Primary Uncertain	47	9.1	1.9	0.0	0.0	0.0	0.0	0.0	1.4	4.5	4.4	3.0	9.2	15.0	25.4	26.8	12.7	13.3	5.0	4.4	9.0	0.523
TOTAL		514	100.0	13.0	4.9	2.5	1.0	11.0	9.3	19.9	27.1	36.7	64.5	91.9	173.3	189.7	227.7	248.8	203.6	55.0	47.9	86.5	5.453

Female, Namakkal, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.015
C01-C02	Tongue	7	0.8	0.0	0.0	0.0	1.2	0.0	0.0	0.0	2.6	1.4	0.0	1.9	0.0	2.1	0.0	4.0	0.0	0.8	0.6	1.4	0.066
C03-C06	Mouth	16	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.3	1.4	3.0	1.9	2.0	4.3	11.7	11.9	0.0	1.7	1.4	2.2	0.194
C07-C08	Salivary Gland	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.009
C09-C10	Oropharynx	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C11	Nasopharynx	4	0.5	0.0	0.0	0.0	0.0	1.3	1.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.4	0.4	0.0	0.020
C12-C13	Hypopharynx	11	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4	1.5	1.9	4.1	4.3	5.9	4.0	0.0	1.2	0.9	1.9	0.122
C14	Pharynx unsp	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.019
C15	Oesophagus	24	2.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0	3.9	5.7	3.0	0.0	4.1	10.6	8.8	11.9	3.7	2.6	2.0	4.4	0.247
C16	Stomach	17	1.9	0.0	0.0	0.0	0.0	0.0	2.6	1.4	2.6	4.3	1.5	3.7	0.0	6.4	5.9	4.0	0.0	1.8	1.5	3.1	0.162
C17	Small Intestine	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.9	0.0	0.0	0.2	0.2	0.3	0.025
C18	Colon	6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.5	1.9	2.0	0.0	0.0	7.9	0.0	0.6	0.5	1.1	0.073
C19-C20	Rectum	12	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	4.5	0.0	2.0	2.1	8.8	11.9	0.0	1.3	1.0	1.4	0.154
C21	Anus & Anal canal	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.1	0.1	0.0	0.015
C22	Liver etc.,	2	0.2	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.017
C23-C24	Gall Bladder etc.	8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.5	0.0	6.1	0.0	0.0	4.0	7.5	0.9	0.6	1.3	0.065
C25	Pancreas	5	0.6	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	5.9	4.0	0.0	0.5	0.4	0.3	0.066
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.9	4.0	0.0	0.3	0.2	0.3	0.045
C32	Larynx	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C33-C34	Lung	9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	12.8	0.0	0.0	7.5	1.0	0.8	1.9	0.073
C37-C39	Oth Respiratory syst	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	4.0	0.0	0.2	0.2	0.0	0.035
C40-C41	Bone	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.1	0.1	0.0	0.000
C43	Melanoma of Skin	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	3.7	0.2	0.2	0.3	0.010
C44	Skin - others	21	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.9	4.5	3.7	0.0	12.8	5.9	11.9	3.7	2.3	1.8	4.2	0.221
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	6	0.7	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	4.1	0.0	2.9	4.0	0.0	0.6	0.5	0.5	0.069
C50	Breast	227	25.9	0.0	0.0	0.0	0.0	2.6	1.3	10.0	17.1	43.1	53.5	53.7	73.6	72.3	55.7	51.6	26.1	24.4	19.5	49.5	2.150
C51	Vulva	9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	4.1	2.1	11.7	0.0	3.7	1.0	0.8	1.1	0.097
C52	Vagina	8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	1.9	6.1	0.0	0.0	4.0	0.0	0.9	0.7	2.0	0.082
C53	Cervix	256	29.2	0.0	0.0	0.0	0.0	1.3	3.9	8.5	23.7	41.7	55.0	66.7	83.8	72.3	67.5	59.6	48.5	27.5	21.9	54.2	2.391
C54	Corpus Uteri	26	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	1.4	1.5	7.4	4.1	19.1	8.8	7.9	3.7	2.8	2.2	5.5	0.271
C55	Uterus unsp.	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	0.0	2.0	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.025
C56	Ovary	59	6.7	0.0	0.0	1.5	2.4	2.6	0.0	2.8	1.3	2.9	19.3	14.8	22.5	10.6	5.9	23.8	14.9	6.3	5.2	11.2	0.550
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.007
C64	Kidney	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	10	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	12.8	5.9	4.0	0.0	1.1	0.8	1.9	0.123
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C69	Eye And Adnexa	1	0.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.010
C70-C72	Brain & CNS	10	1.1	6.0	0.0	1.5	1.2	0.0	1.3	0.0	2.6	1.4	0.0	0.0	0.0	2.1	0.0	0.0	0.0	1.1	1.4	1.1	0.081
C73	Thyroid	15	1.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0	2.6	2.9	5.9	0.0	2.0	4.3	2.9	0.0	7.5	1.6	1.3	3.0	0.110
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C81	Hodgkin Disease	5	0.6	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	6.1	0.0	2.9	0.0	0.0	0.5	0.4	0.8	0.052
C82-86,96	Non-Hodg Lymphoma	13	1.5	0.0	0.0	1.5	0.0	0.0	0.0	1.4	1.3	0.0	5.9	0.0	0.0	2.1	8.8	7.9	0.0	1.4	1.2	1.7	0.145
C90	Multiple Myeloma	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C91	Lymphoid Leukaemia	4	0.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.9	0.0	2.1	0.0	0.0	0.0	0.4	0.4	0.9	0.035
C92-C94	Myeloid Leukaemia	12	1.4	0.0	0.0	0.0	1.2	1.3	1.3	0.0	1.3	1.4	1.5	3.7	4.1	0.0	2.9	4.0	0.0	1.3	1.1	1.9	0.114
C95	Unspeci. Leukaemia	2	0.2	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.2	0.3	0.3	0.020
Oth& Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	46	5.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	2.6	4.3	4.5	25.9	6.1	6.4	17.6	19.9	22.4	4.9	4.0	8.0	0.441
TOTAL		876	100.0	8.0	1.8	7.3	7.1	9.2	21.0	29.9	73.7	117.8	182.8	196.4	253.5	267.8	258.1	270.1	160.5	94.1	76.1	171.4	8.169

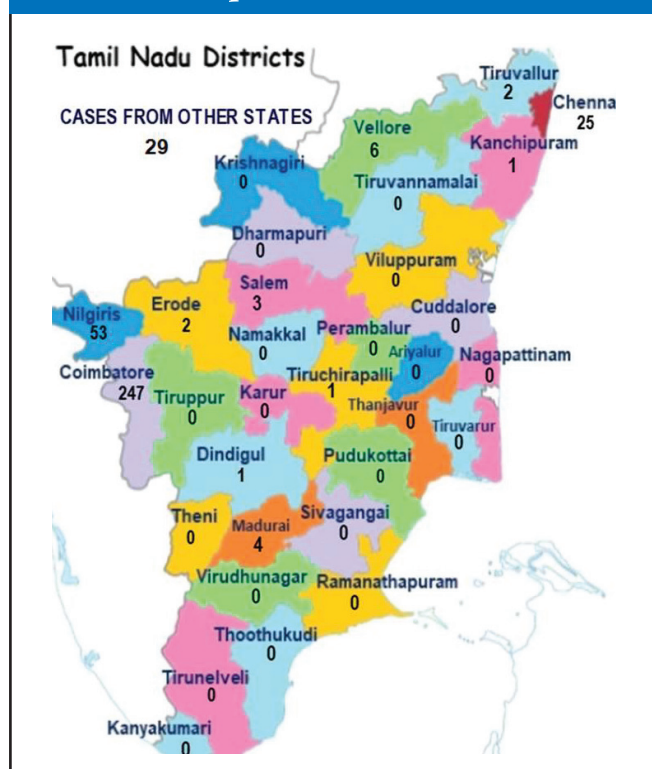
Residence District: Nilgiris

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	109	146	180	184	162	199	214	228	243
FEMALE	140	199	239	221	212	252	269	285	302
TOTAL	249	345	419	405	374	451	483	513	545

Year - 2016

New Cases - 374

No. of Cases Reported from the Source District



No. of Cases by Major Sources

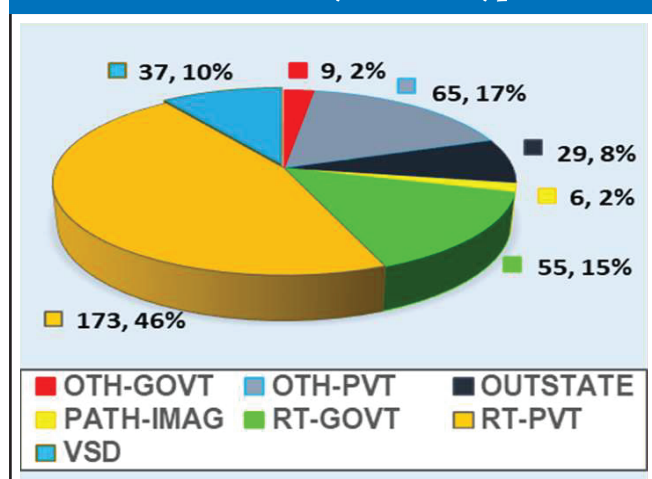
SOURCE NAME	DISTRICT	No.
G Kuppusamy Naidu Memorial Ho	Coimbatore	66
RCC Coimbatore Govt. Med. Coll.	Coimbatore	52
Sri Ramakrishna Inst. of Oncol	Coimbatore	44
DPH - NLGR	Nilgiris	35
PSG Inst. of Med. Sciences & R	Coimbatore	31
Cancer Institute (WIA) - Adyar	Chennai	20
RCC_TV RM	Trivandrum	17
Kovai Med. Center & Hosp.	Coimbatore	15
Ashwin Hosp.	Coimbatore	14
Sri Lakshmi Med. Centre & Hosp	Coimbatore	11
Govt. District Hqtrs. Hosp. Oo	Nilgiris	6
JIPMER	Pondicherry	6
Christian Med. Coll. Hosp.	Vellore	6
Sait Memorial Hosp.	Nilgiris	5
Sai Subramanian Lab	Coimbatore	5
Nankem Hosp.	Nilgiris	2
Pushpa Hosp.	Nilgiris	2
Aadhi Med. Foundation	Coimbatore	2
Vinyaka Mission Hitech Hosp.	Salem	2
Cordite Factory Hosp.	Nilgiris	2

As per 2011 census

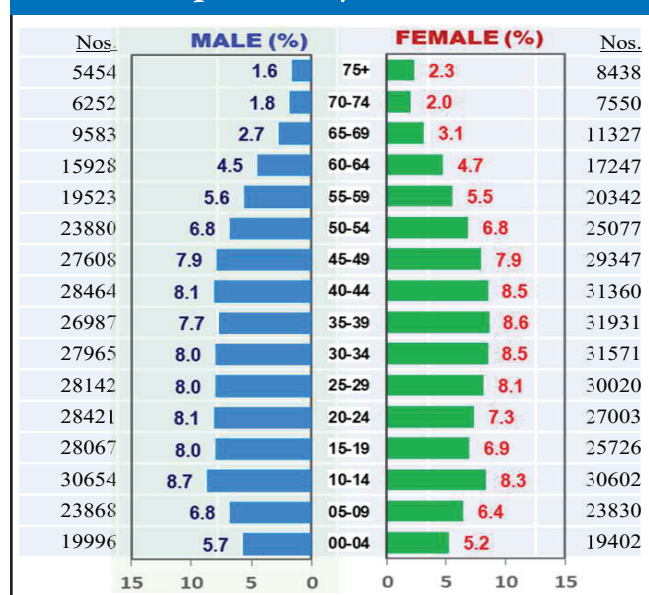
AREA (km²) : 2565

URBAN - RURAL (Ratio) 1 : 0.69

No. of Cases by Source Type



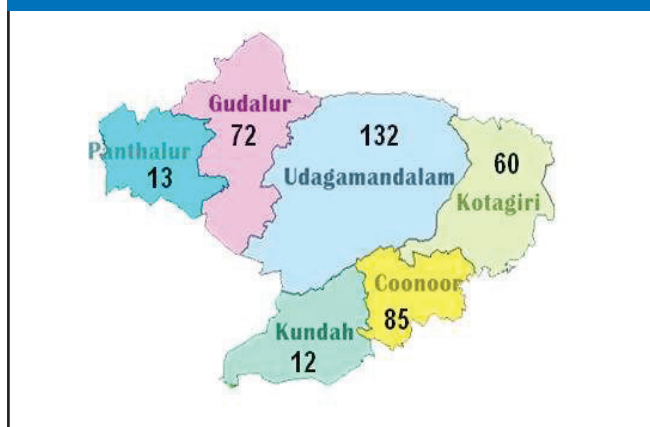
Population Pyramid 2016



Residence District: Nilgiris

Year: 2016

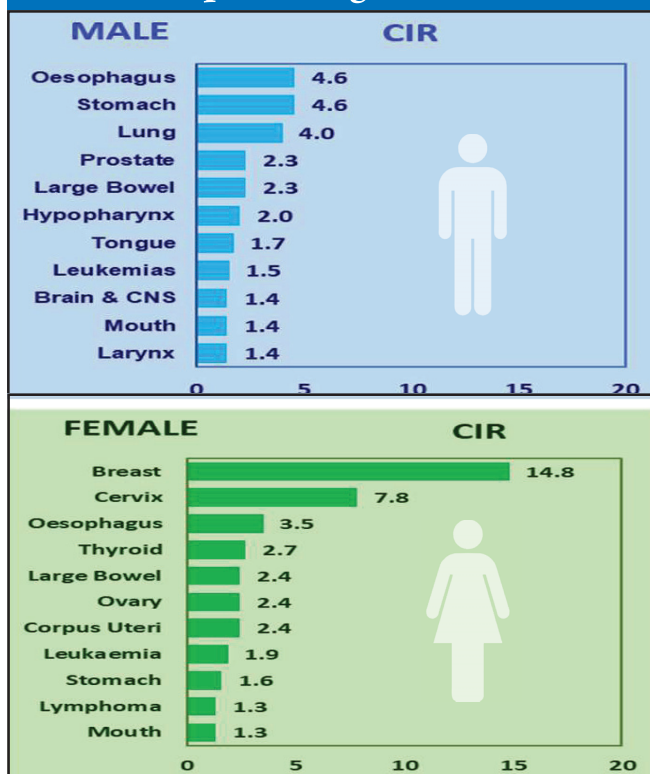
No. of New Cases by Taluks



Cancer Incidence Statistics

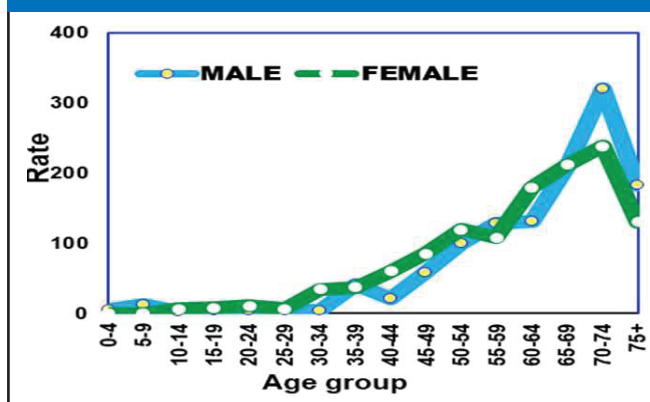
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	162	212	374
%	43.3	56.7	100.0
CIR	46.2	57.2	51.8
CR% (0-74 YEARS)	5.085	5.389	5.235
ASR	42.2	47.0	44.6

Top Ranking Cancers



A total of 374 new cancers, diagnosed in year 2016, were registered among 7.2 lakh population with a female preponderance (1:1.3). Two-third of cases were registered from hospitals located in Coimbatore district followed by those in Nilgiris district (14.2%) and outside state (7.8%). A majority were first diagnosed/treated at G. Kuppusamy Naidu Memorial Hospital (17.6%) followed by the Government Medical College and Hospital, Coimbatore (13.9%). The average annual CIR per 100,000 population for all cancers together was higher among women (57.2) than men (46.2). The cumulative risk of acquiring cancer in one's lifetime for both sexes together was one in 19. The number of cases were the highest in 35-64 years age-group while the peak incidence rate was observed in 70-74 years of age among both sexes. The most common cancers were as follows: Among men, the order was oesophagus (CIR:4.6), stomach (4.6) and lung (4.0); among women, the order was breast (14.8), cervix (7.8) and oesophagus (3.5). The new cancer burden was estimated as 545 in year 2020.

Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	5	6.7	2	2.7
15-34	4	3.6	18	15.7
35-64	103	72.3	139	89.5
65+	50	234.9	53	194.0

CIR, ASR, other rates are per 1,00,000 population

Male, Nilgiris, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.7	0.018
C01-C02	Tongue	6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	4.2	10.2	6.3	0.0	16.0	0.0	1.7	1.4	3.5	0.202
C03-C06	Mouth	5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	5.1	0.0	10.4	16.0	18.3	1.4	1.4	1.4	0.176
C07-C08	Salivary Gland	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C09-C10	Oropharynx	3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	6.3	0.0	0.0	0.0	0.9	0.7	2.1	0.083
C11	Nasopharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C12-C13	Hypopharynx	7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	8.4	0.0	6.3	20.9	16.0	0.0	2.0	1.8	2.9	0.276
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	16	9.9	0.0	0.0	0.0	0.0	0.0	3.6	0.0	7.4	3.5	0.0	16.8	5.1	18.8	31.3	16.0	0.0	4.6	4.0	7.9	0.511
C16	Stomach	16	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	3.5	10.9	12.6	0.0	6.3	10.4	48.0	18.3	4.6	4.0	7.8	0.513
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	3.6	0.0	5.1	0.0	0.0	16.0	18.3	1.4	1.3	2.1	0.142
C19-C20	Rectum	3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	5.1	0.0	10.4	0.0	0.0	0.9	0.7	1.4	0.096
C21	Anus & Anal canal	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C22	Liver etc.,	3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	4.2	0.0	0.0	10.4	0.0	0.0	0.9	0.7	1.4	0.091
C23-C24	Gall Bladder etc.	3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	5.1	0.0	10.4	0.0	0.0	0.9	0.7	1.3	0.099
C25	Pancreas	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	6.3	0.0	0.0	0.0	0.6	0.5	1.5	0.050
C26	Other G.I Tract	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.3	0.3	0.0	0.080
C30-C31	Nasal Cavity etc.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C32	Larynx	5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	5.1	6.3	0.0	32.0	0.0	1.4	1.3	2.1	0.238
C33-C34	Lung	14	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	10.2	12.6	10.4	64.0	36.7	4.0	3.9	5.0	0.547
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	10.4	0.0	0.0	0.6	0.5	0.7	0.070
C43	Melanoma of Skin	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.7	0.018
C44	Skin - others	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	16.0	0.0	0.6	0.6	0.0	0.132
C50	Breast	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	18.3	0.6	0.6	0.8	0.031
C60	Penis	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.3	0.2	0.7	0.026
C61	Prostate	8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	10.2	6.3	10.4	16.0	36.7	2.3	2.2	2.8	0.236
C62	Testis	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.7	0.018
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	5.1	0.0	10.4	0.0	0.0	1.1	1.0	2.1	0.115
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	6.3	0.0	0.0	18.3	0.9	0.8	1.5	0.057
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	5	3.1	5.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	4.2	5.1	0.0	0.0	0.0	0.0	1.4	1.6	2.0	0.110
C73	Thyroid	3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	3.6	0.0	0.0	6.3	0.0	0.0	0.0	0.9	0.7	2.2	0.068
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C82-86,96	Non-Hodg Lymphoma	4	2.5	0.0	4.2	3.3	0.0	3.5	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	0.0	0.073
C90	Multiple Myeloma	5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.5	0.0	0.0	5.1	6.3	10.4	0.0	0.0	1.4	1.2	2.9	0.145
C91	Lymphoid Leukaemia	3	1.9	0.0	4.2	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.9	0.9	0.7	0.064
C92-C94	Myeloid Leukaemia	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.6	0.5	1.5	0.049
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.3	0.2	0.7	0.026
C76-80	Primary Uncertain	25	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	7.2	25.1	20.5	25.1	41.8	48.0	18.3	7.1	6.3	12.1	0.856
TOTAL		162	100.0	5.0	12.6	3.3	3.6	3.5	3.6	3.6	40.8	21.1	58.0	100.5	128.0	131.9	208.8	320.0	183.4	46.2	42.2	72.9	5.085

Female, Nilgiris, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	4.9	0.0	8.8	0.0	0.0	0.8	0.7	1.3	0.085
C03-C06	Mouth	5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	3.4	4.0	0.0	0.0	0.0	13.3	11.9	1.3	1.1	1.3	0.119
C07-C08	Salivary Gland	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C09-C10	Oropharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C11	Nasopharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C12-C13	Hypopharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	13	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	10.2	4.0	4.9	29.0	8.8	0.0	0.0	3.5	2.8	8.2	0.316
C16	Stomach	6	2.8	0.0	0.0	0.0	0.0	0.0	3.3	3.2	0.0	0.0	0.0	0.0	4.9	5.8	8.8	13.3	0.0	1.6	1.4	1.4	0.196
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.1	0.0	0.0	4.0	9.8	0.0	0.0	0.0	0.0	1.3	1.0	2.5	0.101
C19-C20	Rectum	4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	26.5	0.0	0.0	1.1	1.0	0.7	0.161
C21	Anus & Anal canal	1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.6	0.016
C22	Liver etc.,	1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.6	0.020
C23-C24	Gall Bladder etc.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C25	Pancreas	2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.2	0.032
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C32	Larynx	2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	13.3	0.0	0.5	0.5	0.7	0.095
C33-C34	Lung	5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	5.8	17.7	0.0	11.9	1.3	1.2	1.4	0.137
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	1	0.5	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.016
C43	Melanoma of Skin	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C44	Skin - others	2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	13.3	0.0	0.5	0.5	0.7	0.095
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C50	Breast	55	25.9	0.0	0.0	0.0	0.0	0.0	0.0	6.3	12.5	19.1	27.3	47.9	29.5	46.4	44.1	13.3	35.6	14.8	11.6	28.9	1.224
C51	Vulva	1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.3	0.2	0.6	0.025
C52	Vagina	1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.016
C53	Cervix	29	13.7	0.0	0.0	0.0	0.0	0.0	0.0	9.5	9.4	9.6	13.6	12.0	19.7	23.2	17.7	39.7	0.0	7.8	6.2	13.8	0.769
C54	Corpus Uteri	9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	9.8	23.2	17.7	0.0	0.0	2.4	2.0	4.9	0.269
C55	Uterus unsp.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C56	Ovary	9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	6.8	12.0	0.0	0.0	0.0	26.5	11.9	2.4	2.0	3.2	0.242
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	13.3	0.0	0.8	0.7	1.3	0.100
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.8	0.7	0.6	0.104
C73	Thyroid	10	4.7	0.0	0.0	0.0	0.0	3.7	0.0	0.0	3.1	6.4	6.8	8.0	0.0	0.0	8.8	13.3	0.0	2.7	2.2	4.4	0.250
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C82-86,96	Non-Hodg Lymphoma	5	2.4	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	13.3	23.7	1.3	1.3	0.6	0.106
C90	Multiple Myeloma	2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	11.9	0.5	0.5	0.7	0.029
C91	Lymphoid Leukaemia	2	0.9	0.0	0.0	0.0	3.9	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.035
C92-C94	Myeloid Leukaemia	5	2.4	0.0	0.0	3.3	0.0	3.7	3.3	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	11.9	1.3	1.3	0.7	0.069
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Uns	Others & Unspecified	2	0.9																				

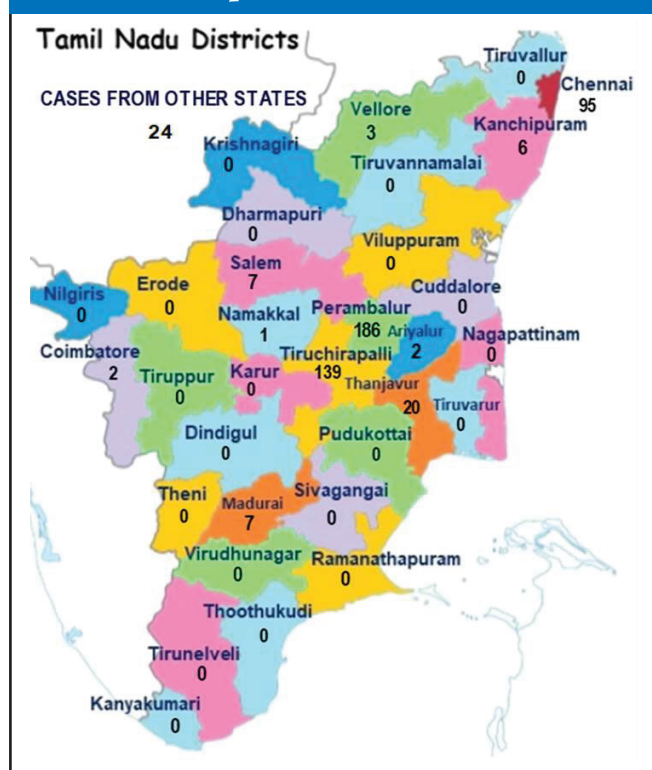
Residence District: Perambalur

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	128	144	165	175	165	187	197	208	218
FEMALE	287	279	209	235	327	278	282	285	289
TOTAL	415	423	374	410	492	465	479	493	507

Year - 2016

New Cases - 492

No. of Cases Reported from the Source District



No. of Cases by Major Sources

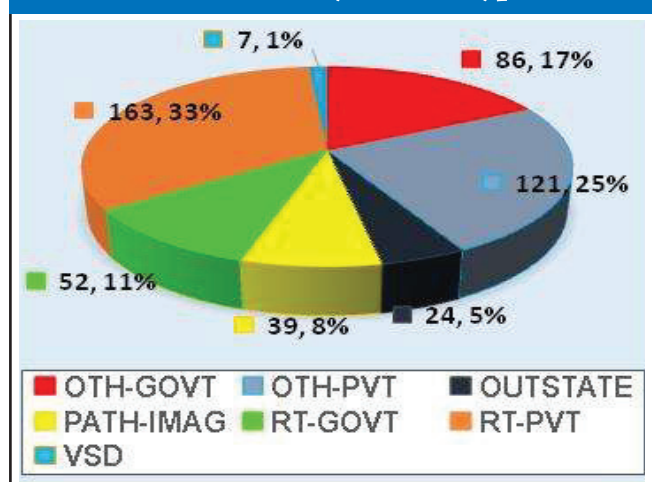
SOURCE NAME	DISTRICT	No.
GVN Hosp. Singarathoppu	Tiruchirapalli	77
Dhanalakshmi Srinivasan Med. C	Perambalur	68
Govt. District Hqtrs. Hosp.	Perambalur	61
Cancer Institute (WIA) - Adyar	Chennai	53
Sri Sai Diag.	Perambalur	38
JIPMER	Pondicherry	24
Rajiv Gandhi Govt. General Hos	Chennai	19
Govt. Thanjavur Med. Coll. Hos	Thanjavur	16
Harshamitra Hosp.	Tiruchirapalli	16
Dr. G Viswanathan Speciality H	Tiruchirapalli	13
Dr. G Viswanathan CBCC Cancer	Tiruchirapalli	11
MG Hosp.	Perambalur	9
KAP Viswanathan Govt. Med. Coll.	Tiruchirapalli	8
Kauvery Med. Cent. & HCG Cance	Tiruchirapalli	8
Inst. of Child Health & Hosp.	Chennai	6
DPH - PERA	Perambalur	5
Govt. Royapettah Hosp.	Chennai	5
RCC Govt. Arignar Anna Mem. Ca	Kanchipuram	5
Tamilnadu Govt Multi Super Spe	Chennai	4
Trichy SRM Med. Coll. Hosp. &	Tiruchirapalli	4

As per 2011 census

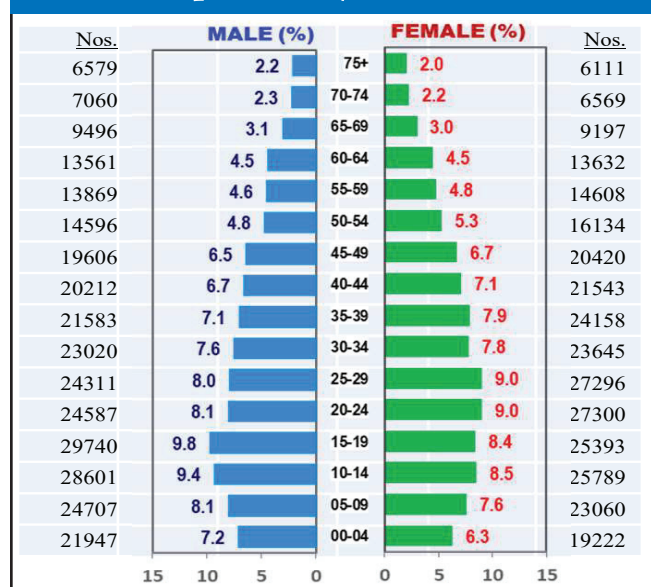
AREA (km²) : 1756

URBAN - RURAL (Ratio) 1 : 4.82

No. of Cases by Source Type



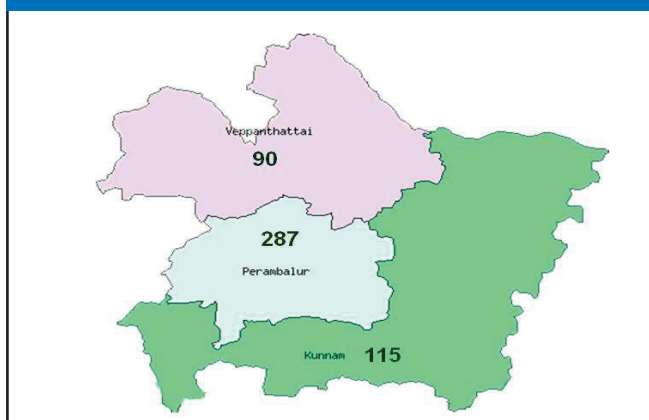
Population Pyramid 2016



Residence District: Perambalur

Year: 2016

No. of New Cases by Taluks

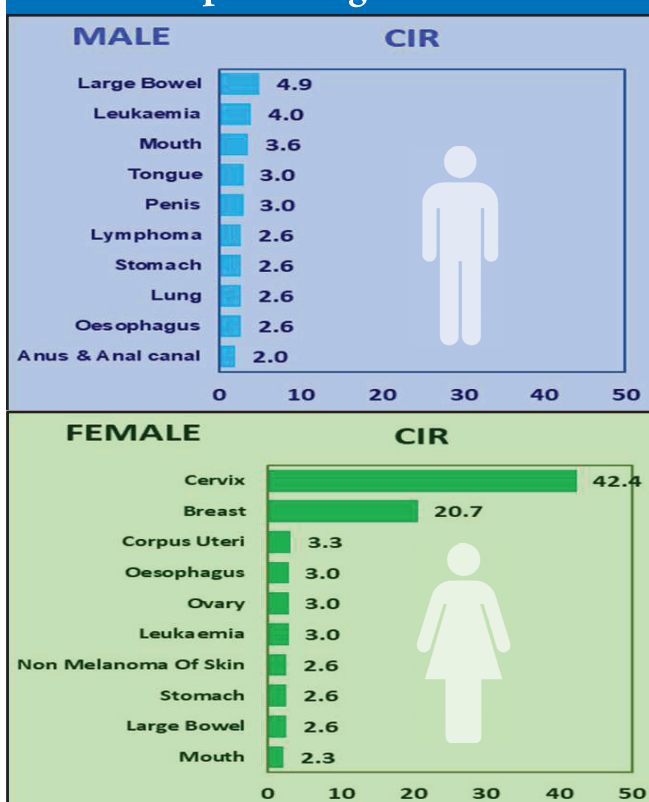


Cancer Incidence Statistics

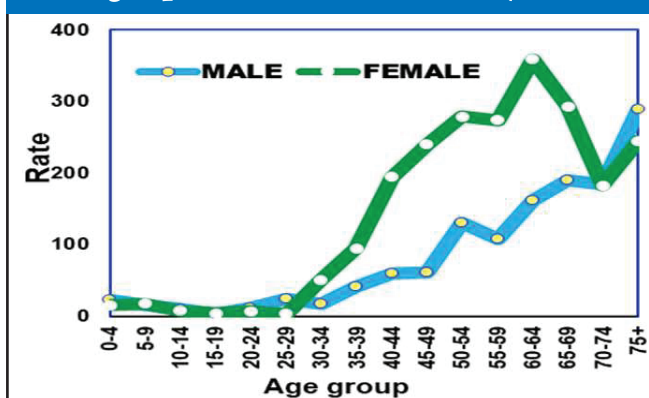
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	165	327	492
%	33.5	66.5	100.0
CIR (10 ⁵) per year	54.4	107.5	81.0
CUM. RISK (0-74 YEARS) per year	5.084	9.629	7.373
ASR (10 ⁵) per year	51.8	97.0	75.0

A total of 492 new cancers, diagnosed in year 2016, were registered among 6.1 lakh population with almost double the women (327) than men (1:1.98) with cancer. Almost two-fifth of cases were registered from hospitals located within Perambalur district followed by those in Tiruchirapalli (28.3%) district and Chennai city (19.3%). A majority were either first diagnosed and/or registered for TNCRP at the GVN Hospital Singarathope, Tiruchirapalli (15.7%) followed by Dhanalakshmi Srinivasan Medical College Hospital (13.8%) and Government Headquarters Hospital, Perambalur (12.4%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (33%). The average annual CIR per 100,000 population for all cancers together was almost double among women (107.5) than men (54.4). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years was higher among women (one in 10) than men (one in 20). The number of cases of all cancers together were the highest in 35-64 years age-group (68.5%) while the peak incidence rate was observed in 60-64 years among women and 75+ years among men. The most common cancers among men were large bowel (CIR:4.9), leukemias (4.0) and mouth (3.6); Cervix cancer incidence observed in Perambalur district (42.4) was the highest in India. The new cases of all cancers together was estimated as 507 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	12	15.9	9	13.2
15-34	14	13.8	16	15.4
35-64	89	86.1	248	224.4
65+	50	216.1	54	246.8

CIR, ASR, other rates are per 1,00,000 population

Male, Perambalur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	10.5	0.0	0.0	0.7	0.6	1.0	0.090
C01-C02	Tongue	9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	5.1	13.7	0.0	22.1	10.5	0.0	15.2	3.0	2.8	7.0	0.282
C03-C06	Mouth	11	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	9.9	0.0	6.9	7.2	0.0	31.6	14.2	15.2	3.6	3.3	5.7	0.396
C07-C08	Salivary Gland	3	1.8	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	15.2	1.0	1.0	1.1	0.055
C09-C10	Oropharynx	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	0.7	0.6	1.9	0.074
C11	Nasopharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C12-C13	Hypopharynx	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	10.5	0.0	0.0	0.7	0.6	1.0	0.078
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	8	4.8	0.0	0.0	0.0	0.0	4.1	4.1	0.0	0.0	0.0	0.0	6.9	0.0	0.0	10.5	42.5	15.2	2.6	2.5	1.1	0.339
C16	Stomach	8	4.8	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	7.2	22.1	21.1	0.0	15.2	2.6	2.4	3.8	0.272
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	14.2	30.4	1.3	1.2	1.0	0.096
C19-C20	Rectum	11	6.7	0.0	0.0	0.0	0.0	0.0	0.0	4.3	13.9	0.0	0.0	13.7	7.2	14.8	0.0	28.3	0.0	3.6	3.2	7.7	0.410
C21	Anus & Anal canal	6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	10.2	0.0	0.0	7.4	0.0	0.0	15.2	2.0	1.8	4.8	0.137
C22	Liver etc.,	3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	14.2	15.2	1.0	0.9	0.0	0.123
C23-C24	Gall Bladder etc.	4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	14.4	7.4	0.0	0.0	0.0	1.3	1.2	3.9	0.143
C25	Pancreas	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	7.2	0.0	0.0	0.0	0.0	0.7	0.6	1.9	0.062
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.3	0.3	1.0	0.037
C32	Larynx	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.7	0.6	1.9	0.072
C33-C34	Lung	8	4.8	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	4.9	0.0	0.0	28.8	7.4	10.5	0.0	0.0	2.6	2.4	5.6	0.279
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	4	2.4	4.6	4.0	3.5	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.6	1.0	0.086
C43	Melanoma of Skin	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	7.2	0.0	0.0	0.0	0.0	0.7	0.6	1.9	0.062
C44	Skin - others	3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	7.2	0.0	10.5	0.0	0.0	1.0	0.9	1.8	0.112
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	3	1.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	1.8	0.069
C50	Breast	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2	0.0	0.3	0.3	0.0	0.071
C60	Penis	9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	7.2	7.4	21.1	14.2	30.4	3.0	2.8	4.1	0.317
C61	Prostate	3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.6	1.0	0.9	0.0	0.000
C62	Testis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C63	Oth Male Genital	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.3	0.3	0.0	0.053
C64	Kidney	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	15.2	0.7	0.6	1.0	0.037
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	7.4	0.0	0.0	0.0	0.7	0.6	1.9	0.062
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	4	2.4	0.0	4.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	5.1	0.0	0.0	0.0	10.5	0.0	0.0	1.3	1.3	1.9	0.122
C73	Thyroid	5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	5.1	6.9	0.0	0.0	0.0	0.0	15.2	1.6	1.5	4.0	0.109
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	3	1.8	4.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	1.0	1.3	1.1	0.077
C82-86,96	Non-Hodg Lymphoma	5	3.0	0.0	0.0	0.0	3.4	0.0	4.1	4.3	0.0	0.0	0.0	6.9	0.0	0.0	10.5	0.0	0.0	1.6	1.6	1.1	0.146
C90	Multiple Myeloma	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.3	0.3	1.0	0.037
C91	Lymphoid Leukaemia	5	3.0	9.1	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	1.6	2.1	1.1	0.115
C92-C94	Myeloid Leukaemia	6	3.6	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	4.9	0.0	27.4	0.0	0.0	0.0	0.0	0.0	2.0	2.0	5.4	0.182
C95	Unspeci. Leukaemia	1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.0	0.026
Oth & Unsp	Others & Unspecified	2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	10.5	0.0	0.0	0.7	0.7	1.1	0.087
C76-80	Primary Uncertain	17	10.3	0.0	4.0	0.0	0.0	0.0	8.2	8.7	0.0	9.9	5.1	0.0	0.0	22.1	0.0	42.5	45.6	5.6	5.1	5.8	0.504
TOTAL		165	100.0	22.8	16.2	10.5	3.4	12.2	24.7	17.4	41.7	59.4	61.2	130.2	108.2	162.2	189.5	184.1	288.8	54.4	51.8	87.3	5.084

Female, Perambalur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.3	0.3	0.0	0.054
C03-C06	Mouth	7	2.1	0.0	0.0	0.0	0.0	0.0	3.7	0.0	4.1	0.0	4.9	12.4	0.0	14.7	0.0	0.0	0.0	2.3	2.0	5.6	0.198
C07-C08	Salivary Gland	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.5	0.9	0.044
C09-C10	Oropharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C11	Nasopharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C12-C13	Hypopharynx	5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	4.9	0.0	13.7	7.3	0.0	0.0	0.0	1.6	1.4	4.5	0.150
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.9	0.0	27.4	14.7	0.0	0.0	16.4	3.0	2.6	7.3	0.258
C16	Stomach	8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	19.6	0.0	0.0	14.7	0.0	0.0	16.4	2.6	2.3	6.5	0.192
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	10.9	0.0	16.4	1.0	0.9	0.9	0.089
C19-C20	Rectum	5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	12.4	6.8	0.0	10.9	0.0	0.0	1.6	1.5	2.9	0.172
C21	Anus & Anal canal	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C22	Liver etc.,	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.3	0.3	0.9	0.037
C23-C24	Gall Bladder etc.	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.7	0.6	1.8	0.052
C25	Pancreas	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.9	0.024
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C32	Larynx	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	7.3	0.0	0.0	0.0	0.7	0.6	1.9	0.061
C33-C34	Lung	5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	14.7	0.0	15.2	16.4	1.6	1.5	2.8	0.174
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C43	Melanoma of Skin	2	0.6	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.7	0.7	0.0	0.074
C44	Skin - others	8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	4.9	0.0	0.0	7.3	21.8	15.2	32.7	2.6	2.4	2.7	0.267
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	4	1.2	0.0	4.3	0.0	0.0	0.0	0.0	0.0	4.1	0.0	4.9	6.2	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7	0.098
C50	Breast	63	19.3	0.0	0.0	0.0	0.0	0.0	0.0	12.7	37.3	41.8	34.3	74.4	61.6	66.0	32.6	0.0	32.7	20.7	18.0	50.4	1.787
C51	Vulva	4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	6.8	0.0	10.9	15.2	0.0	1.3	1.2	1.9	0.196
C52	Vagina	5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.9	0.0	6.8	7.3	0.0	15.2	0.0	1.6	1.4	3.7	0.195
C53	Cervix	129	39.4	0.0	0.0	0.0	0.0	3.7	0.0	12.7	29.0	116.0	112.6	105.4	102.7	117.4	108.7	121.8	65.5	42.4	37.6	95.3	4.065
C54	Corpus Uteri	10	3.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	9.3	9.8	12.4	13.7	0.0	10.9	0.0	0.0	3.3	2.9	7.5	0.301
C55	Uterus unsp.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C56	Ovary	9	2.8	0.0	0.0	3.9	0.0	0.0	0.0	4.2	0.0	0.0	0.0	6.2	6.8	29.3	10.9	0.0	0.0	3.0	2.7	5.7	0.307
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	7.3	0.0	0.0	0.0	0.7	0.6	1.9	0.061
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	6.2	0.0	0.0	21.8	0.0	0.0	1.3	1.2	1.9	0.163
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.3	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.020
C70-C72	Brain & CNS	4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	6.8	7.3	10.9	0.0	0.0	1.3	1.2	2.8	0.156
C73	Thyroid	6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	9.8	6.2	0.0	7.3	10.9	0.0	0.0	2.0	1.8	4.7	0.194
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.021
C82-86,96	Non-Hodg Lymphoma	2	0.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.9	0.050
C90	Multiple Myeloma	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	16.4	0.7	0.6	1.0	0.031
C91	Lymphoid Leukaemia	6	1.8	10.4	8.7	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	2.0	2.6	0.9	0.151
C92-C94	Myeloid Leukaemia	3	0.9	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	6.2	0.0	7.3	0.0	0.0	0.0	1.0	0.9	1.9	0.086
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Uns	Others & Unspecified	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.3	0.3	0.0	0.054
C76-80	Primary Uncertain	10	3.1	0.0	4.3	0.0	0.0	0.0	0.0	0.0	4.1	4.6	0.0	6.2	6.8	22.0	0.0	0.0	32.7	3.3	3.1	6.4	0.241
TOTAL		327	100.0	15.6	17.3	7.8	3.9	7.3	3.7	50.8	95.2	194.9	239.9	279.0	273.8	359.5	293.5	182.7	245.5	107.5	97.0	229.3	9.629

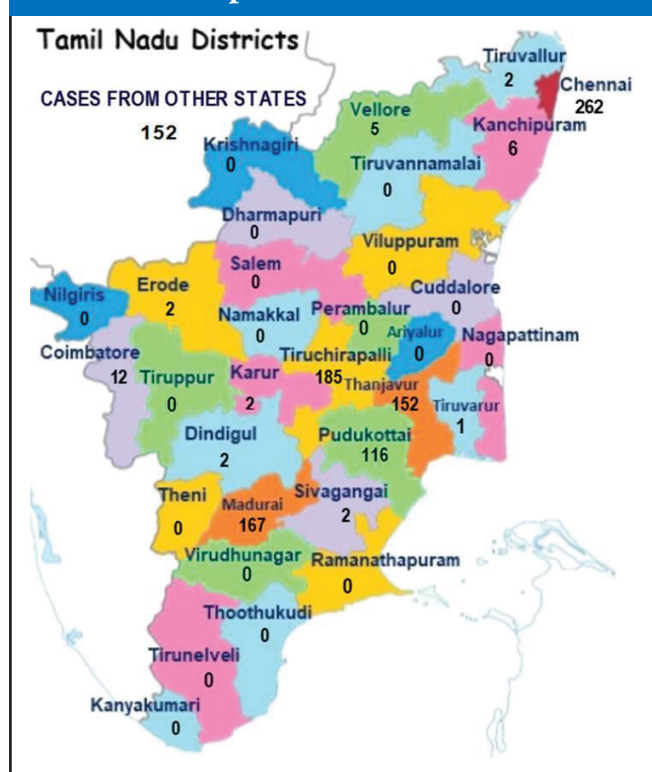
Residence District: Pudukottai

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	331	390	475	463	463	526	559	593	627
FEMALE	471	600	659	647	605	691	722	754	785
TOTAL	802	990	1134	1110	1068	1217	1281	1347	1412

Year - 2016

New Cases - 1068

No. of Cases Reported from the Source District



No. of Cases by Major Sources

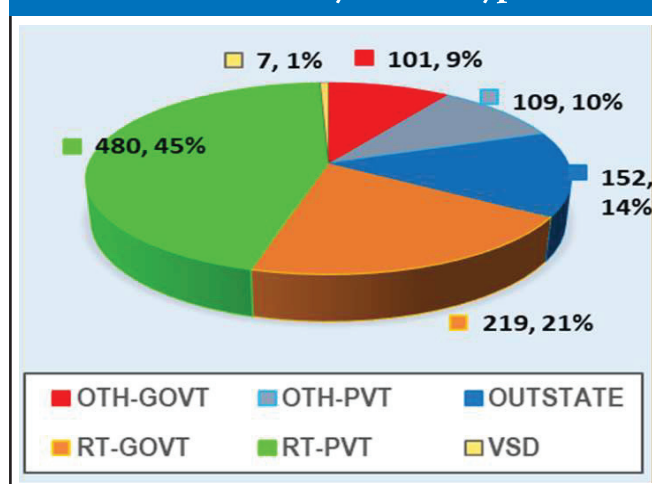
SOURCE NAME	DISTRICT	No.
Cancer Institute (WIA) - Adyar	Chennai	156
JIPMER	Pondicherry	145
Govt. Thanjavur Med. Coll. Hos	Thanjavur	84
GVN Hosp. Singarathoppu	Tiruchirapalli	74
Meenakshi Mission Hosp. & Res	Madurai	73
RCC Govt. Rajaji Hosp.	Madurai	65
Sri Durga Surg. Clin. & Padmas	Pudukottai	56
Rajiv Gandhi Govt. General Hos	Chennai	44
Harshamitra Hosp.	Tiruchirapalli	37
Thanjavur Cancer Centre	Thanjavur	25
GH Ranees	Pudukottai	20
Dr. G Viswanathan Speciality H	Tiruchirapalli	18
Govt. Raja Mirasudhar Hosp.	Thanjavur	17
Kauvery Med. Cent. & HCG Ca	Tiruchirapalli	17
Govt. Dr. Muthulakshmi Reddy	Pudukottai	15
Tamilnadu Govt Multi Super Sp	Chennai	14
Dr. G Viswanathan CBCC Canc	Tiruchirapalli	13
Velammal Med.Coll. Hosp. & R	Madurai	13
Govt. Royapettah Hosp.	Chennai	13
Trichy SRM Med. Coll. Hosp. &	Tiruchirapalli	12

As per 2011 census

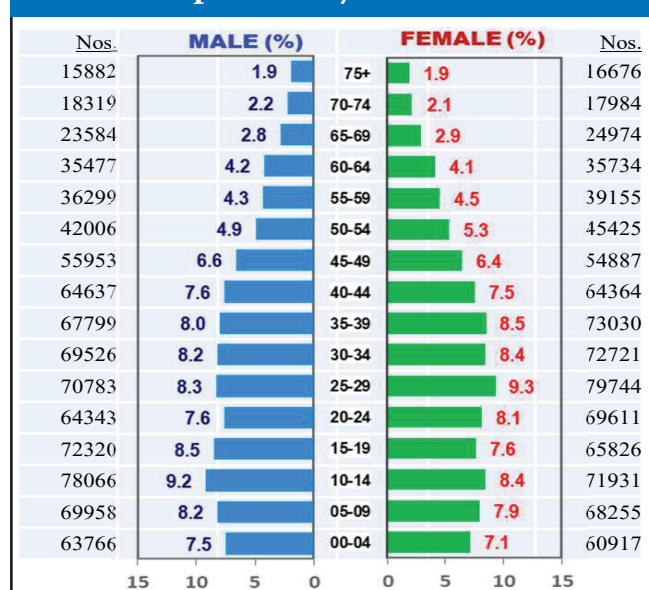
AREA (km²) : 4644

URBAN - RURAL (Ratio) 1 : 4.12

No. of Cases by Source Type



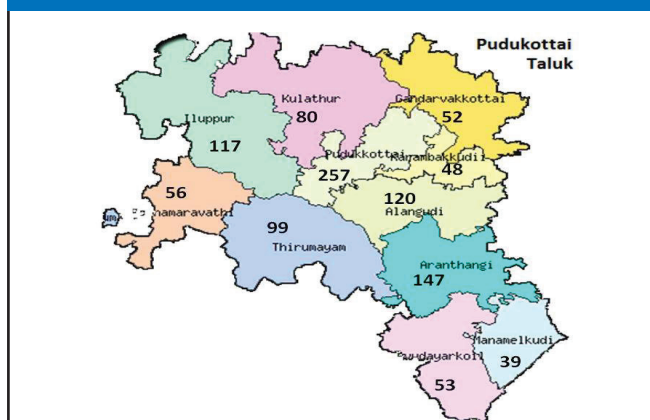
Population Pyramid 2016



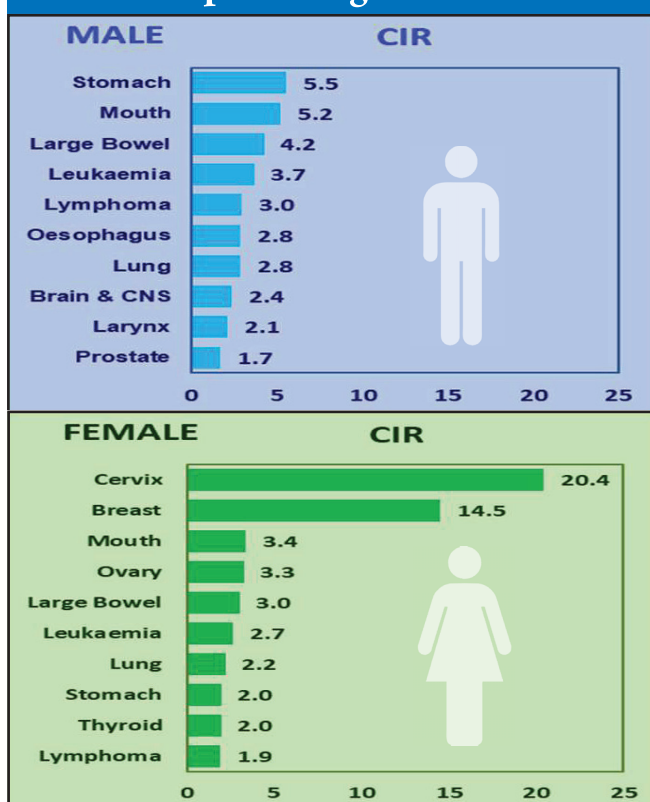
Residence District: Pudukottai

Year: 2016

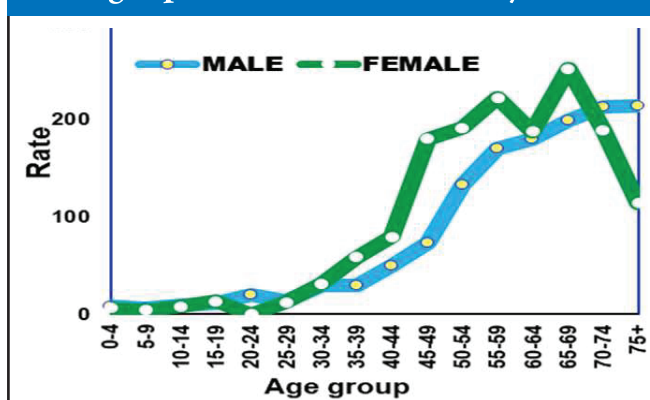
No. of New Cases by Taluks



Top Ranking Cancers



Age Specific Incidence Rates by Sex



Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	463	605	1068
%	43.4	56.6	100.0
CIR (10 ⁵) per year	54.6	70.2	62.5
CUM. RISK (0-74 YEARS) per year	5.575	6.939	6.271
ASR (10 ⁵) per year	52.2	64.8	58.6

A total of 1,068 new cancers, diagnosed in year 2016, were registered among 1.71 million population with a female (605) preponderance (1:1.31). Almost one-fourth of cases were registered from hospitals located in Chennai city followed by those in Tiruchirappalli (17.3%) and Madurai (15.6%) districts. A majority were either first diagnosed and/or registered for TNCRP at the Cancer Institute (W.I.A), Chennai (14.6%) followed by JIPMER (13.6%) and Government Medical College Hospital, Thanjavur (7.9%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (45%). The average annual CIR per 100,000 population for all cancers together was higher among women (70.2) than men (54.6). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 16. The number of cases of all cancers together were the highest in 35-64 years age-group (66.4%) while the peak incidence rate was observed in 65-69 years among women and 75+ years among men. The most common cancers among men were stomach (CIR:5.5), mouth (5.2) and large bowel (4.2); among women, the order was cervix (20.4), breast (14.5) and mouth (3.4). The new cancer burden of all cancers together was estimated as 1,412 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	16	7.6	13	6.5
15-34	52	18.8	42	14.6
35-64	275	91.0	434	138.8
65+	120	207.7	116	194.5

CIR, ASR, other rates are per 1,00,000 population

Male, Pudukottai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	2.8	0.0	0.0	0.0	0.2	0.2	0.7	0.023
C01-C02	Tongue	11	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.8	2.4	8.3	5.6	0.0	5.5	12.6	1.3	1.2	2.8	0.125
C03-C06	Mouth	44	9.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	3.1	7.1	11.9	27.6	36.6	25.4	10.9	6.3	5.2	5.0	12.2	0.619
C07-C08	Salivary Gland	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.2	0.2	0.3	0.029
C09-C10	Oropharynx	12	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.6	4.8	5.5	5.6	8.5	5.5	0.0	1.4	1.4	3.2	0.175
C11	Nasopharynx	5	1.1	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	2.8	0.0	5.5	0.0	0.6	0.6	0.7	0.067
C12-C13	Hypopharynx	13	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.6	2.4	5.5	2.8	4.2	10.9	12.6	1.5	1.4	2.7	0.163
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	24	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	4.6	0.0	4.8	16.5	8.5	17.0	16.4	12.6	2.8	2.7	4.9	0.345
C16	Stomach	47	10.2	0.0	0.0	0.0	0.0	1.6	2.8	1.4	3.0	3.1	8.9	11.9	8.3	19.7	33.9	21.8	44.1	5.5	5.4	8.4	0.580
C17	Small Intestine	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.4	0.0	0.0	0.0	5.5	0.0	0.4	0.3	0.7	0.048
C18	Colon	12	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.5	5.4	4.8	2.8	5.6	4.2	0.0	0.0	1.4	1.3	3.8	0.136
C19-C20	Rectum	24	5.2	0.0	0.0	0.0	0.0	0.0	4.2	0.0	1.5	4.6	5.4	2.4	2.8	11.3	4.2	21.8	18.9	2.8	2.7	4.4	0.291
C21	Anus & Anal canal	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.2	0.2	0.7	0.028
C22	Liver etc.,	13	2.8	0.0	0.0	1.3	0.0	0.0	0.0	1.4	0.0	0.0	0.0	2.4	8.3	5.6	8.5	16.4	0.0	1.5	1.5	2.2	0.219
C23-C24	Gall Bladder etc.	10	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	13.8	0.0	4.2	10.9	6.3	1.2	1.1	2.2	0.157
C25	Pancreas	10	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.8	0.0	5.5	5.6	8.5	5.5	0.0	1.2	1.1	2.4	0.149
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.021
C32	Larynx	18	3.9	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.5	1.8	16.7	2.8	11.3	4.2	0.0	12.6	2.1	2.1	5.1	0.199
C33-C34	Lung	24	5.2	0.0	0.0	0.0	0.0	0.0	1.4	1.4	0.0	1.5	5.4	11.9	8.3	8.5	17.0	5.5	12.6	2.8	2.7	5.4	0.304
C37-C39	Oth Respiratory syst	2	0.4	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.020
C40-C41	Bone	11	2.4	0.0	0.0	2.6	0.0	1.6	2.8	1.4	0.0	0.0	1.8	9.5	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.9	0.099
C43	Melanoma of Skin	6	1.3	0.0	1.4	0.0	0.0	1.6	0.0	0.0	1.5	1.5	1.8	0.0	0.0	2.8	0.0	0.0	0.0	0.7	0.7	1.3	0.053
C44	Skin - others	9	1.9	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	3.6	0.0	0.0	8.5	4.2	5.5	6.3	1.1	1.0	1.8	0.116
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.4	0.0	0.0	4.2	0.0	0.0	0.4	0.3	0.7	0.040
C50	Breast	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.014
C60	Penis	9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	3.6	4.8	5.5	0.0	0.0	5.5	0.0	1.1	1.0	2.8	0.112
C61	Prostate	14	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	5.6	12.7	27.3	18.9	1.7	1.6	1.1	0.242
C62	Testis	2	0.4	1.6	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.015
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.5	0.4	0.9	0.044
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.8	0.0	4.2	10.9	6.3	0.7	0.7	0.7	0.097
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	20	4.3	0.0	1.4	1.3	2.8	3.1	0.0	4.3	1.5	3.1	0.0	9.5	2.8	5.6	4.2	0.0	0.0	2.4	2.2	3.5	0.198
C73	Thyroid	7	1.5	0.0	0.0	0.0	0.0	3.1	0.0	0.0	1.5	0.0	1.8	0.0	2.8	2.8	0.0	0.0	6.3	0.8	0.8	1.4	0.060
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	9	1.9	0.0	0.0	0.0	1.4	1.6	1.4	0.0	1.5	1.5	0.0	2.4	0.0	8.5	0.0	0.0	0.0	1.1	1.0	2.1	0.091
C82-86,96	Non-Hodg Lymphoma	16	3.5	1.6	0.0	0.0	1.4	0.0	0.0	2.9	5.9	0.0	1.8	4.8	2.8	2.8	4.2	0.0	12.6	1.9	1.8	3.0	0.140
C90	Multiple Myeloma	4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.4	0.0	2.8	0.0	5.5	0.0	0.5	0.4	1.1	0.062
C91	Lymphoid Leukaemia	14	3.0	1.6	1.4	3.8	2.8	0.0	0.0	1.4	0.0	1.5	1.8	2.4	0.0	2.8	0.0	5.5	6.3	1.7	1.7	1.4	0.125
C92-C94	Myeloid Leukaemia	16	3.5	1.6	1.4	0.0	0.0	1.6	1.4	4.3	1.5	3.1	1.8	4.8	5.5	0.0	0.0	0.0	6.3	1.9	1.8	2.7	0.135
C95	Unspeci. Leukaemia	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.1	0.1	0.4	0.014
Oth & Unsp	Others & Unspecified	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.016
C76-80	Primary Uncertain	29	6.3	1.6	0.0	0.0	0.0	3.1	0.0	4.3	1.5	3.1	3.6	4.8	19.3	2.8	17.0	10.9	12.6	3.4	3.3	5.2	0.361
TOTAL		463	100.0	7.8	5.7	9.0	11.1	20.2	14.1	30.2	29.5	49.5	73.3	133.3	170.8	180.4	199.3	212.9	214.1	54.6	52.2	96.3	5.575

Female, Pudukottai, 2016

**No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)**

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	10	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0	4.4	7.7	5.6	0.0	0.0	6.0	1.2	1.0	3.0	0.103
C03-C06	Mouth	29	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	7.3	6.6	12.8	16.8	24.0	16.7	0.0	3.4	3.2	6.9	0.434
C07-C08	Salivary Gland	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.8	0.0	0.0	2.8	0.0	0.0	0.0	0.3	0.3	1.0	0.031
C09-C10	Oropharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.1	0.1	0.4	0.014
C11	Nasopharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C12-C13	Hypopharynx	10	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	5.5	4.4	2.6	5.6	0.0	5.6	0.0	1.2	1.1	3.1	0.126
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	14	2.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	3.6	2.2	5.1	2.8	16.0	5.6	12.0	1.6	1.6	2.1	0.183
C16	Stomach	17	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	5.5	2.2	12.8	0.0	12.0	11.1	6.0	2.0	1.8	3.6	0.232
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	3.6	6.6	0.0	2.8	4.0	0.0	0.0	1.0	0.9	2.1	0.099
C19-C20	Rectum	17	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.7	1.6	5.5	6.6	0.0	5.6	8.0	11.1	6.0	2.0	1.8	3.7	0.212
C21	Anus & Anal canal	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.2	0.2	0.3	0.027
C22	Liver etc.,	5	0.8	1.6	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	2.8	4.0	0.0	6.0	0.6	0.6	0.4	0.048
C23-C24	Gall Bladder etc.	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.2	0.2	0.7	0.026
C25	Pancreas	4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.6	2.8	4.0	0.0	0.0	0.5	0.4	1.0	0.058
C26	Other G.I Tract	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.1	0.1	0.0	0.028
C30-C31	Nasal Cavity etc.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C32	Larynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C33-C34	Lung	19	3.1	0.0	0.0	0.0	1.5	0.0	1.3	0.0	1.4	3.1	3.6	4.4	7.7	8.4	16.0	0.0	0.0	2.2	2.1	4.4	0.237
C37-C39	Oth Respiratory syst	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.013
C40-C41	Bone	4	0.7	0.0	0.0	1.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.5	0.4	0.7	0.042
C43	Melanoma of Skin	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	5.6	0.0	0.2	0.2	0.4	0.037
C44	Skin - others	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.011
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	11	1.8	0.0	0.0	1.4	0.0	0.0	1.3	0.0	2.7	1.6	3.6	6.6	0.0	0.0	4.0	0.0	0.0	1.3	1.2	2.6	0.106
C50	Breast	125	20.7	0.0	0.0	0.0	0.0	0.0	1.3	8.3	15.1	23.3	45.6	50.6	56.2	25.2	20.0	38.9	6.0	14.5	12.9	34.9	1.412
C51	Vulva	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.1	0.1	0.0	0.028
C52	Vagina	6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	12.0	5.6	0.0	0.7	0.7	0.7	0.113
C53	Cervix	176	29.1	0.0	0.0	0.0	0.0	0.0	0.0	6.9	15.1	20.2	65.6	61.6	74.1	67.2	80.1	33.4	24.0	20.4	18.7	47.7	2.098
C54	Corpus Uteri	9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.6	1.8	0.0	7.7	2.8	0.0	5.6	6.0	1.0	0.9	2.0	0.104
C55	Uterus unsp.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C56	Ovary	28	4.6	0.0	1.5	0.0	1.5	0.0	0.0	0.0	1.4	1.6	5.5	13.2	10.2	5.6	16.0	11.1	18.0	3.3	3.1	5.8	0.337
C57	Oth female Genital	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.018
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.1	0.1	0.4	0.014
C68	Urethera	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.013
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	15	2.5	1.6	0.0	1.4	3.0	0.0	1.3	4.1	2.7	1.6	3.6	0.0	0.0	2.8	4.0	0.0	0.0	1.7	1.7	1.9	0.131
C73	Thyroid	17	2.8	0.0	0.0	0.0	0.0	0.0	1.3	2.8	2.7	3.1	9.1	4.4	0.0	0.0	12.0	0.0	0.0	2.0	1.7	3.6	0.177
C74	Adrenal Gland etc.,	2	0.3	1.6	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.015
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	3	0.5	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.3	0.4	0.0	0.035
C82-86,96	Non-Hodg Lymphoma	14	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	8.8	0.0	11.2	4.0	5.6	12.0	1.6	1.5	3.5	0.163
C90	Multiple Myeloma	5	0.8	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.4	0.0	0.0	2.2	0.0	2.8	0.0	0.0	6.0	0.6	0.5	1.0	0.038
C91	Lymphoid Leukaemia	6	1.0	1.6	1.5	4.2	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.3	0.043
C92-C94	Myeloid Leukaemia	16	2.6	0.0	1.5	0.0	4.6	0.0	2.5	0.0	4.1	4.7	1.8	0.0	5.1	2.8	0.0	0.0	0.0	1.9	1.7	3.1	0.135
C95	Unspeci. Leukaemia	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.009
Oth & Uns	Others & Unspecified	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.016
C76-80	Primary Uncertain	12	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	3.1	3.6	0.0	2.6	0.0	4.0	22.2	6.0	1.4	1.3	1.6	0.186
TOTAL		605	100.0	6.6	4.4	8.3	13.7	0.0	12.5	31.6	58.9	79.2	180.4	191.5	222.2	187.5	252.3	189.1	113.9	70.2	64.8	145.4	6.939

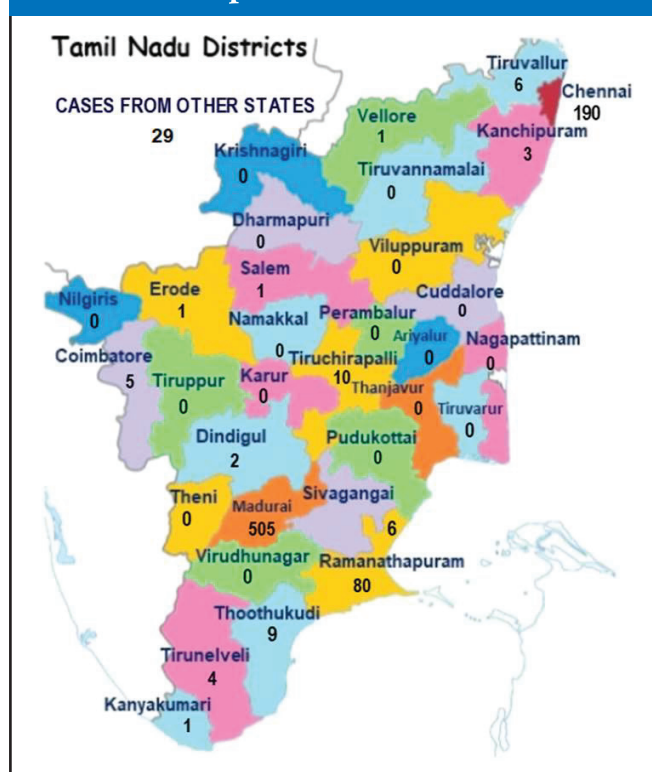
Residence District: Ramanathapuram

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	282	314	381	398	362	421	445	469	494
FEMALE	341	419	475	439	491	529	561	593	625
TOTAL	623	733	856	837	853	950	1006	1062	1119

Year - 2016

New Cases - 853

No. of Cases Reported from the Source District

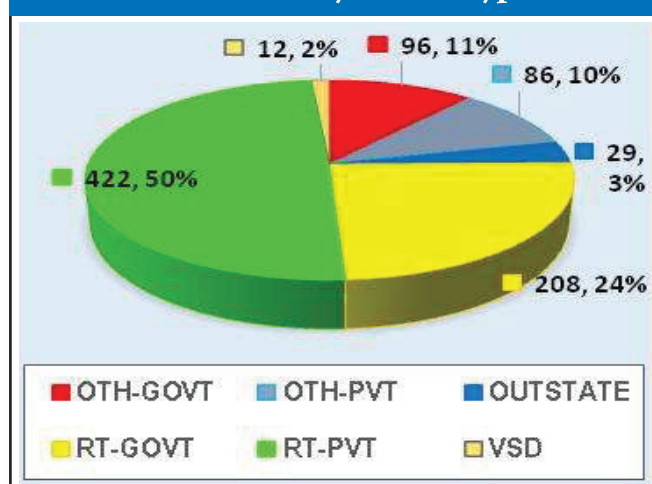


As per 2011 census

AREA (km²) : 4104

URBAN - RURAL (Ratio) **1 : 2.3**

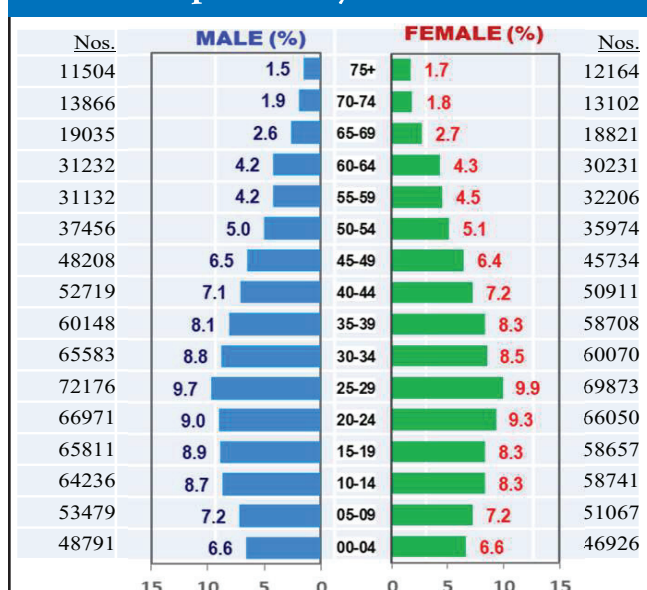
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
RCC Govt. Rajaji Hosp.	Madurai	189
Cancer Institute (WIA) - Adyar	Chennai	151
Meenakshi Mission Hosp. & Re	Madurai	143
Devaki Mult. Spl. Hosp.	Madurai	72
Velammal Med.Coll. Hosp. & Re	Madurai	53
Govt. District Hqtrs. Hosp.	Ramanathapuram	25
Guru Cancer Centre	Madurai	25
JIPMER	Pondicherry	21
GH Paramakudi	Ramanathapuram	15
Tamilnadu Govt Multi Super Sp	Chennai	15
Apollo Mult. Spl. Hosp.	Madurai	14
DPH - RMND	Ramanathapuram	9
Quality Care Hosp.	Madurai	9
Govt. Thoothukudi Med. Coll. &	Thoothukudi	9
GH Kadaladi	Ramanathapuram	7
GH Kamuthi	Ramanathapuram	7
RCC_TV RM	Trivandrum	7
Govt. Royapettah Hosp.	Chennai	7
Rajiv Gandhi Govt. General Hos	Chennai	6
Govt. Sivagangai Med. Coll. Ho	Sivagangai	6

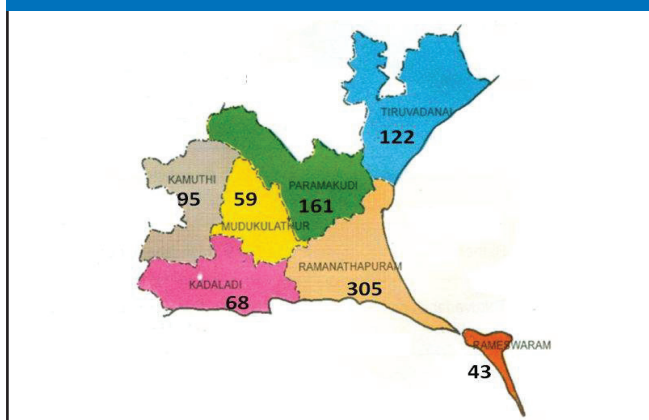
Population Pyramid 2016



Residence District: Ramanathapuram

Year: 2016

No. of New Cases by Taluks

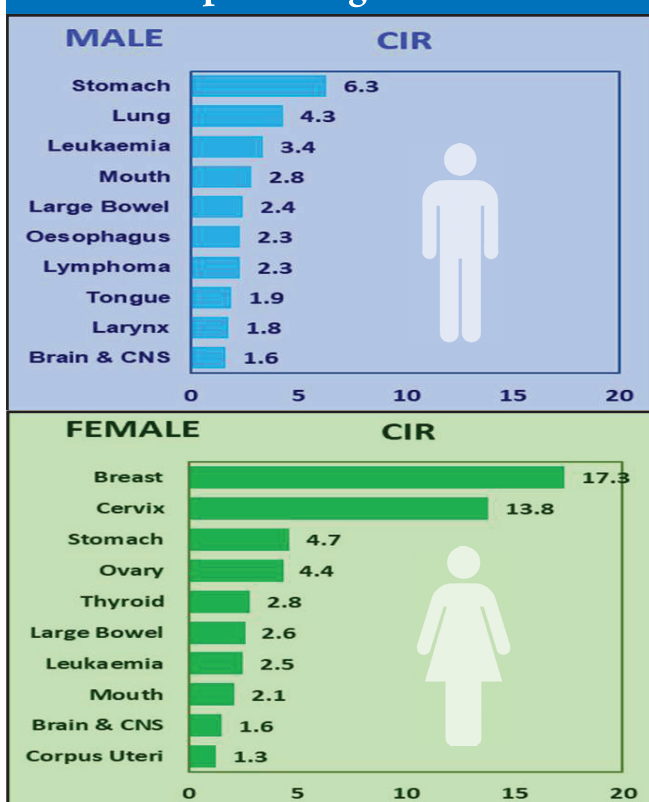


Cancer Incidence Statistics

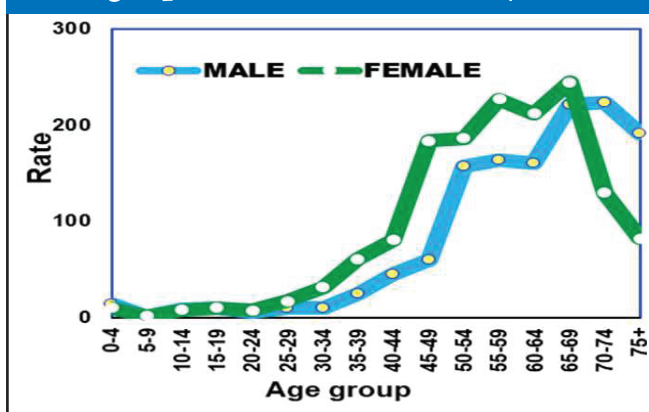
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	362	491	853
%	42.4	57.6	100.0
CIR	48.8	69.2	58.8
CR% (0-74 YEARS)	5.440	6.817	6.123
ASR	49.2	65.0	56.9

A total of 853 new cancers, diagnosed in year 2016, were registered among 1.45 million population with a female (491) preponderance (1:1.36). Almost three-fifth of cases were registered from hospitals located in Madurai district followed by those in Chennai city (22.3%) and outside state (3.4%). A majority were either first diagnosed and/or registered for TNCRP at the Government Rajaji Hospital, Madurai (22.1%) followed by the Cancer Institute (W.I.A), Chennai (17.7%) and Meenakshi Mission Hospital, Madurai (16.8%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (50%). The average annual CIR per 100,000 population for all cancers together was higher among women (69.2) than men (48.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 16. The number of cases of all cancers together were the highest in 35-64 years age-group (69.5%) while the peak incidence rate was observed in 65-69 years among women and 70-74 years among men. The most common cancers among men were stomach (CIR:6.3), lung (4.3) and leukemias (3.4); among women, the order was breast (17.3), cervix (13.8) and stomach (4.7). The new cancer burden of all cancers together was estimated as 1,119 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	14	8.4	11	7.0
15-34	25	9.2	42	16.5
35-64	228	87.4	365	143.8
65+	95	213.9	73	165.6

CIR, ASR, other rates are per 1,00,000 population

Male, Ramanathapuram, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	14	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	4.1	8.0	3.2	6.4	5.3	21.6	0.0	1.9	1.8	4.0	0.261
C03-C06	Mouth	21	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.3	5.7	2.1	2.7	9.6	6.4	5.3	28.9	26.1	2.8	2.8	4.6	0.327
C07-C08	Salivary Gland	5	1.4	0.0	0.0	0.0	1.5	0.0	1.4	0.0	0.0	0.0	0.0	2.7	0.0	0.0	5.3	0.0	8.7	0.7	0.7	0.4	0.054
C09-C10	Oropharynx	5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	6.4	5.3	0.0	8.7	0.7	0.7	1.2	0.069
C11	Nasopharynx	4	1.1	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	6.4	0.0	0.0	0.0	0.5	0.5	1.2	0.056
C12-C13	Hypopharynx	7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	5.3	6.4	0.0	5.3	0.0	8.7	0.9	1.0	2.1	0.096
C14	Pharynx unsp	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.1	0.1	0.4	0.016
C15	Oesophagus	17	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.7	5.7	6.2	10.7	9.6	0.0	10.5	0.0	0.0	2.3	2.1	5.6	0.230
C16	Stomach	47	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.8	10.4	21.4	16.1	32.0	36.8	50.5	17.4	6.3	6.4	12.7	0.859
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.7	6.4	0.0	5.3	7.2	17.4	1.1	1.2	1.7	0.118
C19-C20	Rectum	10	2.8	0.0	0.0	0.0	0.0	0.0	1.4	0.0	3.3	3.8	0.0	5.3	0.0	0.0	5.3	14.4	0.0	1.3	1.3	2.2	0.168
C21	Anus & Anal canal	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.013
C22	Liver etc.,	8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	6.4	3.2	15.8	0.0	8.7	1.1	1.2	1.6	0.137
C23-C24	Gall Bladder etc.	7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	5.3	0.0	0.0	5.3	14.4	8.7	0.9	1.0	1.2	0.134
C25	Pancreas	7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	9.6	5.3	0.0	0.0	0.9	0.9	2.5	0.114
C26	Other G.I Tract	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2	5.3	0.0	0.0	0.4	0.4	0.8	0.058
C30-C31	Nasal Cavity etc.	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	8.7	0.4	0.4	0.8	0.020
C32	Larynx	13	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.1	2.7	12.9	6.4	10.5	7.2	8.7	1.8	1.8	3.7	0.218
C33-C34	Lung	32	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	4.1	10.7	25.7	28.8	21.0	7.2	17.4	4.3	4.3	10.3	0.506
C37-C39	Oth Respiratory syst	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.1	0.1	0.0	0.036
C40-C41	Bone	5	1.4	0.0	0.0	0.0	1.5	0.0	0.0	1.5	1.7	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.7	0.6	1.2	0.051
C43	Melanoma of Skin	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.013
C44	Skin - others	7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	6.2	0.0	0.0	3.2	5.3	7.2	0.0	0.9	0.9	2.0	0.119
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	8	2.2	0.0	0.0	0.0	0.0	1.5	1.4	0.0	0.0	0.0	0.0	5.3	6.4	3.2	5.3	0.0	0.0	1.1	1.0	2.1	0.115
C50	Breast	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	2.7	0.0	0.0	0.0	7.2	0.0	0.4	0.4	0.8	0.058
C60	Penis	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.009
C61	Prostate	7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.7	6.4	3.2	0.0	7.2	8.7	0.9	1.0	2.0	0.107
C62	Testis	5	1.4	0.0	0.0	1.6	0.0	0.0	0.0	1.5	0.0	0.0	0.0	5.3	0.0	0.0	5.3	0.0	0.0	0.7	0.7	0.9	0.068
C63	Oth Male Genital	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.016
C64	Kidney	4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.7	3.2	0.0	5.3	0.0	0.0	0.5	0.5	1.2	0.065
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	11	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	2.7	3.2	12.8	5.3	0.0	17.4	1.5	1.5	3.2	0.139
C68	Urethra	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.016
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	12	3.3	2.1	0.0	0.0	0.0	1.5	2.8	0.0	0.0	0.0	0.0	2.7	9.6	9.6	5.3	0.0	0.0	1.6	1.6	2.9	0.167
C73	Thyroid	12	3.3	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.7	1.9	4.1	5.3	6.4	0.0	10.5	0.0	8.7	1.6	1.6	3.2	0.158
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	3	0.8	0.0	0.0	1.6	0.0	1.5	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.025
C82-86,96	Non-Hodg Lymphoma	14	3.9	2.1	0.0	0.0	1.5	1.5	0.0	3.1	1.7	0.0	2.1	8.0	6.4	0.0	0.0	7.2	8.7	1.9	1.9	2.8	0.168
C90	Multiple Myeloma	5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.7	6.4	0.0	5.3	0.0	0.0	0.7	0.7	1.7	0.082
C91	Lymphoid Leukaemia	11	3.0	6.1	1.9	6.2	1.5	0.0	0.0	0.0	1.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.8	0.7	0.097
C92-C94	Myeloid Leukaemia	12	3.3	2.1	0.0	0.0	1.5	0.0	2.8	0.0	5.0	0.0	0.0	8.0	0.0	3.2	5.3	0.0	0.0	1.6	1.6	2.7	0.139
C95	Unspeci. Leukaemia	2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	7.2	0.0	0.3	0.3	0.4	0.046
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	23	6.4	2.1	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.1	13.3	6.4	12.8	21.0	28.8	8.7	3.1	3.3	5.0	0.440
TOTAL		362	100.0	14.3	1.9	9.3	10.6	6.0	9.7	10.7	24.9	45.5	60.2	157.5	163.8	160.1	220.7	223.6	191.3	48.8	49.2	92.5	5.440

Female, Ramanathapuram, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.1	0.2	0.0	0.027
C01-C02	Tongue	8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	4.4	2.8	6.2	3.3	5.3	0.0	0.0	1.1	1.0	2.9	0.118
C03-C06	Mouth	15	3.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.0	2.2	5.6	9.3	9.9	10.6	15.3	0.0	2.1	2.0	4.2	0.282
C07-C08	Salivary Gland	5	1.0	0.0	0.0	0.0	0.0	1.5	0.0	1.7	0.0	2.0	2.2	0.0	0.0	3.3	0.0	0.0	0.0	0.7	0.6	1.2	0.053
C09-C10	Oropharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.1	0.2	0.0	0.027
C11	Nasopharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.011
C12-C13	Hypopharynx	6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	2.8	6.2	0.0	5.3	7.6	0.0	0.8	0.8	1.6	0.118
C14	Pharynx unsp	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.016
C15	Oesophagus	6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	2.2	2.8	3.1	0.0	5.3	0.0	0.0	0.8	0.8	2.0	0.087
C16	Stomach	33	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	5.9	15.3	11.1	15.5	13.2	21.3	7.6	16.4	4.7	4.4	10.3	0.474
C17	Small Intestine	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.016
C18	Colon	7	1.4	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	2.0	2.2	0.0	3.1	6.6	0.0	0.0	0.0	1.0	0.9	2.4	0.086
C19-C20	Rectum	11	2.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	8.3	15.5	0.0	5.3	7.6	0.0	1.6	1.5	3.3	0.191
C21	Anus & Anal canal	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.010
C22	Liver etc.,	8	1.6	0.0	0.0	0.0	0.0	1.5	0.0	1.7	0.0	2.0	2.2	2.8	3.1	3.3	0.0	7.6	0.0	1.1	1.0	2.1	0.121
C23-C24	Gall Bladder etc.	9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	2.8	6.2	9.9	5.3	0.0	0.0	1.3	1.2	3.4	0.143
C25	Pancreas	5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.8	6.2	0.0	0.0	0.0	8.2	0.7	0.7	1.7	0.056
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.3	0.3	0.0	0.035
C32	Larynx	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	2.8	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.3	0.036
C33-C34	Lung	9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	2.2	0.0	3.1	6.6	5.3	7.6	0.0	1.3	1.2	2.8	0.154
C37-C39	Oth Respiratory syst	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.1	0.1	0.4	0.017
C40-C41	Bone	7	1.4	0.0	0.0	1.7	3.4	0.0	0.0	3.3	0.0	0.0	2.2	2.8	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.9	0.068
C43	Melanoma of Skin	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.1	0.1	0.4	0.017
C44	Skin - others	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	5.3	7.6	0.0	0.4	0.4	0.4	0.076
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	4	0.8	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.1	3.3	0.0	0.0	0.0	0.6	0.6	1.3	0.056
C50	Breast	123	25.1	0.0	0.0	0.0	1.7	0.0	5.7	3.3	29.0	31.4	52.5	50.0	49.7	43.0	37.2	22.9	16.4	17.3	15.7	41.9	1.619
C51	Vulva	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.016
C52	Vagina	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	8.2	0.3	0.3	0.0	0.038
C53	Cervix	98	20.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	11.9	13.8	48.1	47.3	37.3	52.9	58.5	30.5	8.2	13.8	13.0	33.5	1.498
C54	Corpus Uteri	9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	2.8	6.2	6.6	10.6	0.0	0.0	1.3	1.2	3.0	0.153
C55	Uterus unsp.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.011
C56	Ovary	31	6.3	2.1	0.0	0.0	1.7	0.0	1.4	1.7	1.7	5.9	13.1	13.9	12.4	13.2	21.3	0.0	0.0	4.4	4.2	9.6	0.441
C57	Oth female Genital	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C58	Placenta	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C64	Kidney	1	0.2	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.8	3.1	0.0	5.3	0.0	0.0	0.6	0.5	1.2	0.066
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	11	2.2	2.1	0.0	1.7	1.7	0.0	2.9	0.0	0.0	0.0	0.0	2.8	9.3	6.6	0.0	0.0	0.0	1.6	1.6	2.5	0.136
C73	Thyroid	20	4.1	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.1	2.0	6.6	5.6	6.2	6.6	15.9	0.0	8.2	2.8	2.6	5.2	0.265
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C82-86,96	Non-Hodg Lymphoma	2	0.4	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.3	0.2	0.4	0.024
C90	Multiple Myeloma	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	3.3	5.3	0.0	0.0	0.4	0.4	0.8	0.059
C91	Lymphoid Leukaemia	4	0.8	2.1	0.0	0.0	0.0	1.5	0.0	1.7	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.4	0.040
C92-C94	Myeloid Leukaemia	13	2.6	2.1	0.0	1.7	1.7	0.0	2.9	1.7	1.7	0.0	2.2	2.8	3.1	6.6	0.0	0.0	8.2	1.8	1.8	2.5	0.132
C95	Unspeci. Leukaemia	1	0.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.011
Oth & Unsp	Others & Unspecified	1	0.2	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C76-80	Primary Uncertain	14	2.9	0.0	0.0	0.0	0.0	1.5	1.4	0.0	3.4	0.0	4.4	5.6	6.2	3.3	5.3	7.6	8.2	2.0	1.8	3.6	0.195
TOTAL		491	100.0	10.7	2.0	8.5	10.2	7.6	17.2	31.6	61.3	80.5	183.7	186.3	226.7	211.7	244.4	129.8	82.2	69.2	65.0	149.6	6.817

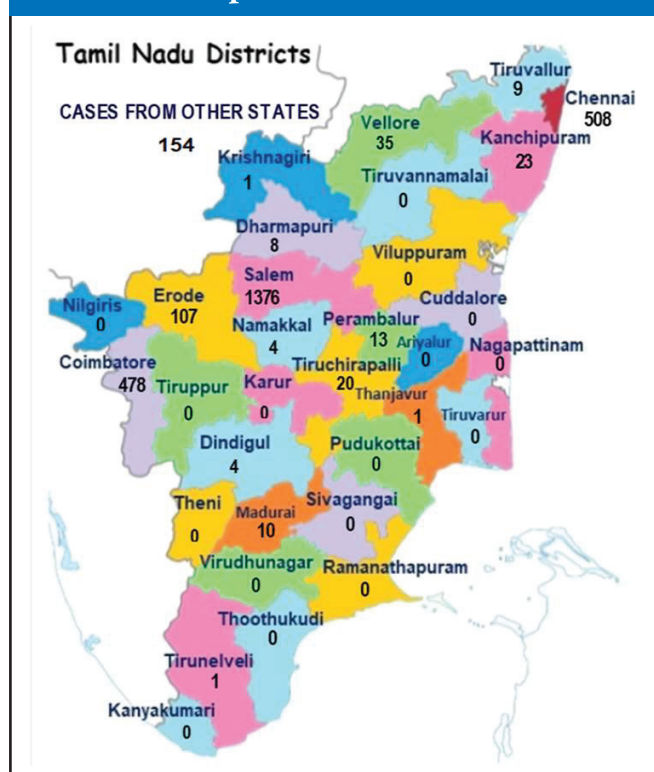
Residence District: Salem

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	867	883	1051	1077	1127	1249	1329	1408	1451
FEMALE	1243	1378	1474	1436	1625	1619	1687	1754	1865
TOTAL	2110	2261	2525	2513	2752	2868	3016	3162	3316

Year - 2016

New Cases - 2752

No. of Cases Reported from the Source District

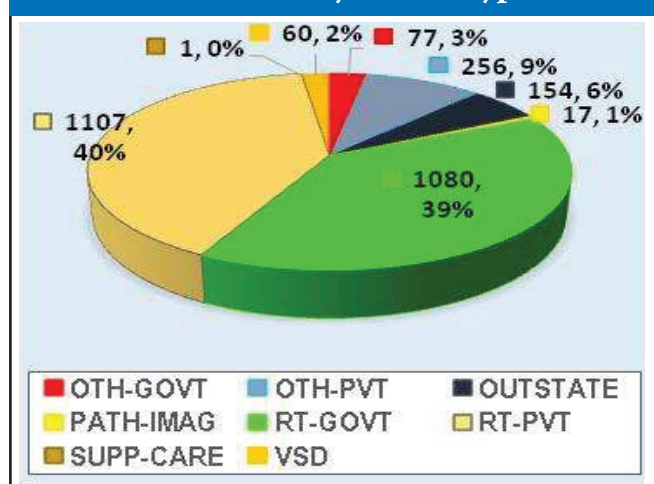


As per 2011 census

AREA (km²) : 5237

URBAN - RURAL (Ratio) 1 : 0.96

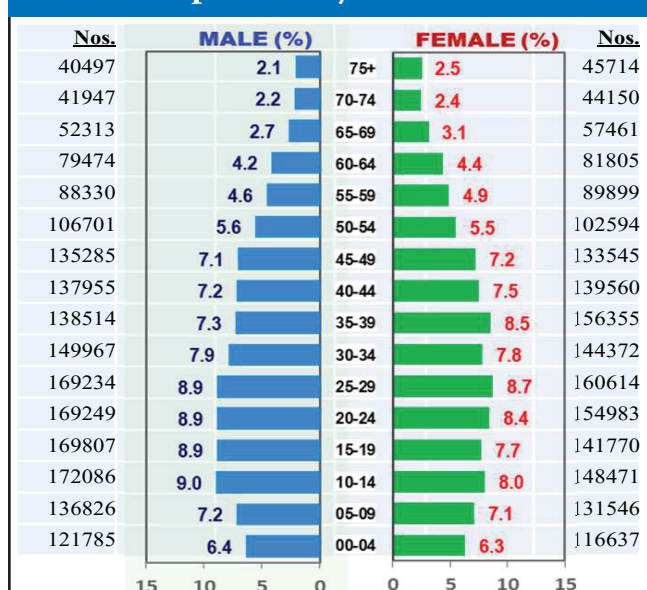
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
Govt. Mohan Kumaramangalam	Salem	903
Cancer Institute (WIA) - Adyar	Chennai	299
G Kuppusamy Naidu Memorial	Coimbatore	290
Salem Cancer Institute	Salem	176
JIPMER	Pondicherry	133
Erode Cancer Cent.	Erode	89
Rajiv Gandhi Govt. General Hos	Chennai	83
SKS Hosp.	Salem	69
Kovai Med. Center & Hosp.	Coimbatore	58
Sri Ramakrishna Inst. of Oncol	Coimbatore	56
DPH - SALE	Salem	54
RCC Coimbatore Govt.Med. Col	Coimbatore	36
Christian Med. Coll. Hosp.	Vellore	35
Universal Cancer Hosp.	Salem	27
GH Mettur	Salem	22
Govt. Royapettah Hosp.	Chennai	21
RCC Govt. Arignar Anna Mem.	Kanchipuram	20
S. Palaniandi Mudaliar Mem. H	Salem	20
Apollo Hosp. Greams Road	Chennai	18
Ashwin Hosp.	Coimbatore	16

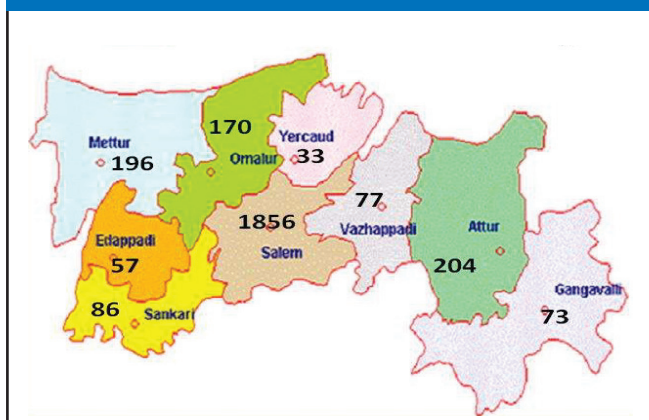
Population Pyramid 2016



Residence District: Salem

Year: 2016

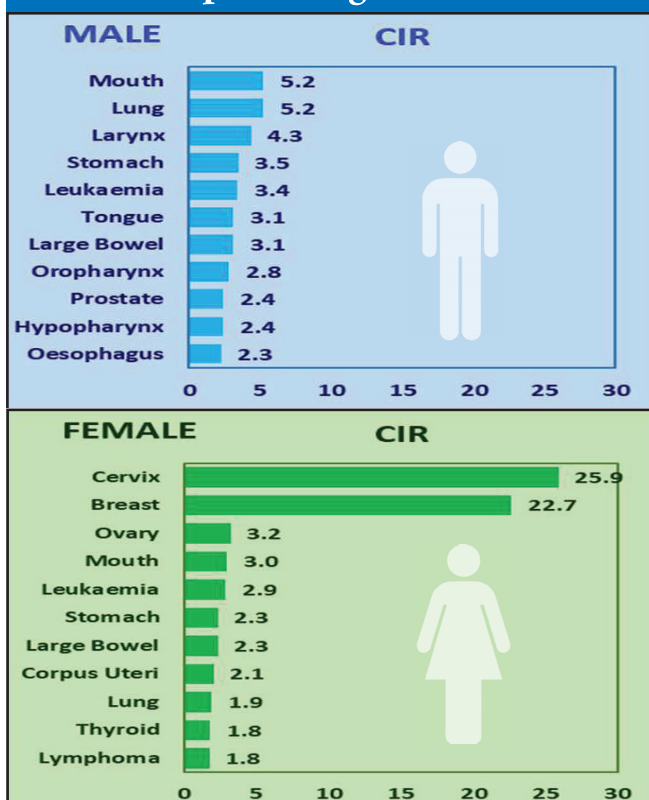
No. of New Cases by Taluks



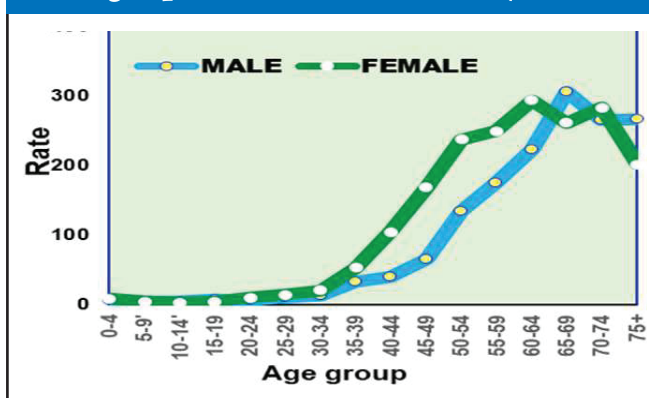
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1127	1625	2752
%	41.0	59.0	100.0
CIR	59.0	87.9	73.2
CR% (0-74 YEARS)	6.268	8.225	7.249
ASR	55.2	76.1	65.6

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	22	5.1	21	5.3
15-34	61	9.3	76	12.6
35-64	665	96.9	1161	165.0
65+	379	281.2	367	249.1

CIR, ASR, other rates are per 1,00,000 population

Male, Salem, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.005
C01-C02	Tongue	59	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	3.0	7.5	19.2	16.4	13.4	4.8	9.9	3.1	2.8	6.9	0.336
C03-C06	Mouth	100	8.9	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.9	7.2	5.2	13.1	13.6	23.9	21.0	16.7	14.8	5.2	4.8	10.9	0.552
C07-C08	Salivary Gland	8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.9	1.1	0.0	0.0	4.8	4.9	0.4	0.4	0.6	0.042
C09-C10	Oropharynx	53	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	3.7	5.6	10.2	12.6	19.1	7.2	14.8	2.8	2.6	5.1	0.307
C11	Nasopharynx	3	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	2.5	0.2	0.1	0.1	0.009
C12-C13	Hypopharynx	46	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.5	5.6	11.3	15.1	9.6	11.9	12.3	2.4	2.2	4.7	0.279
C14	Pharynx unsp	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.9	0.0	0.0	0.1	0.1	0.1	0.015
C15	Oesophagus	43	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.7	2.2	3.7	3.4	15.1	13.4	11.9	14.8	2.3	2.1	3.6	0.259
C16	Stomach	66	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.2	5.9	12.2	6.8	13.8	13.4	23.8	17.3	3.5	3.2	6.2	0.393
C17	Small Intestine	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.7	0.0	1.1	1.3	0.0	0.0	0.0	0.3	0.2	0.7	0.023
C18	Colon	24	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	2.2	3.7	2.3	3.8	7.6	7.2	2.5	1.3	1.2	2.4	0.148
C19-C20	Rectum	35	3.1	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.5	0.7	1.9	4.5	6.3	11.5	11.9	17.3	1.8	1.7	2.1	0.201
C21	Anus & Anal canal	7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	5.0	1.9	0.0	0.0	0.4	0.4	1.0	0.044
C22	Liver etc.,	22	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	5.0	11.5	19.1	4.9	1.2	1.1	0.9	0.185
C23-C24	Gall Bladder etc.	9	0.8	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	1.9	4.5	0.0	1.9	2.4	0.0	0.5	0.4	0.9	0.057
C25	Pancreas	16	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.2	4.7	3.4	3.8	1.9	0.0	0.0	0.8	0.8	2.3	0.084
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	8	0.7	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.9	0.0	2.5	1.9	4.8	2.5	0.4	0.4	0.5	0.054
C32	Larynx	83	7.4	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.5	3.0	15.9	12.5	13.8	34.4	26.2	19.8	4.3	4.1	6.8	0.538
C33-C34	Lung	99	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.2	6.7	13.1	13.6	25.2	36.3	28.6	19.8	5.2	4.9	9.1	0.633
C37-C39	Oth Respiratory syst	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.007
C40-C41	Bone	15	1.3	0.0	0.0	0.0	2.9	1.2	0.0	0.0	0.7	0.7	0.7	2.8	1.1	0.0	1.9	0.0	0.0	0.8	0.7	1.0	0.061
C43	Melanoma of Skin	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.9	0.0	2.5	0.0	0.0	0.0	0.3	0.2	0.8	0.026
C44	Skin - others	24	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.5	3.0	4.7	5.7	2.5	0.0	4.8	7.4	1.3	1.1	2.7	0.114
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	19	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.2	0.0	2.2	1.9	4.5	1.3	3.8	2.4	4.9	1.0	0.9	1.9	0.095
C50	Breast	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.9	0.0	0.0	0.0	7.2	0.0	0.3	0.2	0.3	0.044
C60	Penis	25	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	0.9	9.1	3.8	5.7	2.4	7.4	1.3	1.2	2.7	0.131
C61	Prostate	46	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.9	4.5	3.8	26.8	14.3	39.5	2.4	2.3	1.5	0.259
C62	Testis	4	0.4	0.0	0.0	0.0	0.6	0.0	0.6	0.7	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.014
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	15	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.9	3.4	3.8	9.6	2.4	0.0	0.8	0.8	1.4	0.109
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.004
C67	Bladder	31	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	5.7	3.8	15.3	14.3	17.3	1.6	1.6	1.5	0.202
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.004
C69	Eye And Adnexa	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.005
C70-C72	Brain & CNS	24	2.1	1.6	0.0	0.6	0.6	0.6	1.8	0.7	2.2	1.5	1.5	0.9	1.1	3.8	0.0	2.4	4.9	1.3	1.2	1.8	0.096
C73	Thyroid	16	1.4	0.0	0.0	0.0	0.0	0.6	0.6	0.7	0.7	1.5	0.7	1.9	3.4	1.3	3.8	0.0	2.5	0.8	0.8	1.5	0.076
C74	Adrenal Gland etc.,	3	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.012
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	10	0.9	0.0	0.7	0.0	0.6	0.6	0.0	1.3	1.4	0.0	0.0	1.9	0.0	0.0	1.9	0.0	0.0	0.5	0.5	0.6	0.042
C82-86.96	Non-Hodg Lymphoma	32	2.8	0.0	0.7	0.6	0.0	1.2	0.0	0.0	2.2	3.6	1.5	2.8	4.5	5.0	5.7	9.5	0.0	1.7	1.5	3.1	0.187
C90	Multiple Myeloma	24	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5	3.7	4.5	7.6	5.7	0.0	7.4	1.3	1.2	2.7	0.122
C91	Lymphoid Leukaemia	24	2.1	2.5	1.5	3.5	1.2	0.0	1.2	0.0	1.4	0.7	0.7	0.0	0.0	2.5	1.9	2.4	2.5	1.3	1.4	0.9	0.097
C92-C94	Myeloid Leukaemia	33	2.9	0.8	0.0	0.0	2.4	1.8	0.6	2.0	1.4	1.5	3.0	3.7	4.5	3.8	1.9	2.4	0.0	1.7	1.6	2.8	0.149
C95	Unspeci. Leukaemia	8	0.7	0.8	1.5	0.0	0.0	0.0	0.6	0.0	1.4	0.0	0.0	0.0	1.1	0.0	1.9	0.0	0.0	0.4	0.5	0.4	0.037
Oth & Unsp	Others & Unspecified	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.9	2.4	0.0	0.2	0.2	0.1	0.027
C76-80	Primary Uncertain	67	5.9	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.7	3.6	5.2	6.6	11.3	13.8	17.2	16.7	14.8	3.5	3.2	6.1	0.387
TOTAL		1127	100.0	6.6	4.4	4.6	8.2	5.9	10.0	13.3	32.5	40.6	65.8	134.0	175.5	222.7	305.9	264.6	266.7	59.0	55.2	99.9	6.268

Female, Salem, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.7	0.0	0.0	0.0	1.7	0.0	0.0	0.2	0.1	0.3	0.016
C01-C02	Tongue	30	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	3.9	6.7	8.6	7.0	2.3	2.2	1.6	1.4	3.6	0.168
C03-C06	Mouth	55	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.0	13.6	11.1	6.1	13.9	13.6	8.8	3.0	2.6	5.6	0.321
C07-C08	Salivary Gland	7	0.4	0.0	0.0	0.0	0.0	1.9	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.2	0.0	2.3	0.0	0.4	0.3	0.3	0.034
C09-C10	Oropharynx	5	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.7	0.0	1.1	0.0	0.0	2.3	2.2	0.3	0.2	0.3	0.024
C11	Nasopharynx	4	0.2	0.0	0.0	0.0	0.0	1.3	0.0	0.7	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.015
C12-C13	Hypopharynx	26	1.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	4.5	1.9	6.7	3.7	0.0	9.1	6.6	1.4	1.2	2.6	0.136
C14	Pharynx unsp	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.004
C15	Oesophagus	28	1.7	0.0	0.0	0.0	0.0	0.6	0.0	0.7	0.0	2.9	4.5	2.9	2.2	7.3	5.2	2.3	2.2	1.5	1.3	3.1	0.143
C16	Stomach	43	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.6	3.6	3.7	5.8	2.2	8.6	8.7	11.3	8.8	2.3	2.0	3.9	0.234
C17	Small Intestine	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.006
C18	Colon	15	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	4.4	2.4	5.2	4.5	4.4	0.8	0.7	1.2	0.091
C19-C20	Rectum	28	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.2	3.0	2.9	3.3	7.3	3.5	2.3	6.6	1.5	1.3	3.2	0.132
C21	Anus & Anal canal	7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.7	0.0	1.1	2.4	0.0	2.3	0.0	0.4	0.3	0.9	0.039
C22	Liver etc.,	13	0.8	0.9	0.8	0.0	0.7	0.0	1.2	0.0	0.6	0.0	0.7	0.0	1.1	1.2	3.5	2.3	2.2	0.7	0.7	0.6	0.065
C23-C24	Gall Bladder etc.	13	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	2.0	3.3	7.3	0.0	2.3	0.0	0.7	0.6	1.8	0.078
C25	Pancreas	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	2.4	3.5	2.3	0.0	0.3	0.3	0.4	0.044
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0	0.0	0.0	1.7	2.3	0.0	0.2	0.2	0.3	0.028
C32	Larynx	9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.7	1.9	1.1	1.2	3.5	0.0	2.2	0.5	0.4	0.9	0.046
C33-C34	Lung	35	2.2	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.6	2.9	1.5	3.9	4.4	9.8	8.7	9.1	2.2	1.9	1.6	3.4	0.211
C37-C39	Oth Respiratory syst	5	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.1	1.2	1.7	0.0	0.0	0.3	0.2	0.4	0.026
C40-C41	Bone	7	0.4	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.6	0.7	0.0	2.0	1.1	0.0	1.7	0.0	0.0	0.4	0.3	0.7	0.034
C43	Melanoma of Skin	5	0.3	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	0.0	2.3	2.2	0.3	0.2	0.3	0.027
C44	Skin - others	16	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	1.9	1.1	3.7	0.0	6.8	10.9	0.9	0.7	1.2	0.074
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	12	0.7	0.9	0.0	0.0	0.0	0.6	0.6	0.0	1.3	0.0	2.2	1.0	0.0	1.2	1.7	2.3	0.0	0.6	0.6	1.0	0.059
C50	Breast	419	25.8	0.0	0.0	0.0	0.7	0.6	3.7	3.5	17.9	35.8	46.4	62.4	77.9	78.2	47.0	56.6	35.0	22.7	19.2	49.6	2.131
C51	Vulva	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0	0.0	0.0	0.0	2.3	6.6	0.3	0.3	0.3	0.020
C52	Vagina	16	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	3.0	2.9	1.1	3.7	0.0	4.5	2.2	0.9	0.7	1.9	0.083
C53	Cervix	479	29.5	0.0	0.0	0.0	0.0	0.0	1.2	2.8	13.4	33.0	58.4	83.8	65.6	84.4	83.5	99.7	48.1	25.9	22.2	53.2	2.595
C54	Corpus Uteri	38	2.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.3	1.4	0.0	8.8	6.7	9.8	8.7	9.1	2.2	2.1	1.8	4.1	0.232
C55	Uterus unsp.	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.0	0.0	2.4	0.0	0.0	0.0	0.3	0.2	0.8	0.024
C56	Ovary	59	3.6	0.0	0.0	0.7	0.0	0.0	0.0	2.1	0.6	2.9	6.0	7.8	12.2	7.3	17.4	6.8	8.8	3.2	2.8	5.6	0.318
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.003
C64	Kidney	4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	0.0	0.0	4.4	0.2	0.2	0.3	0.012
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	11	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.2	1.2	1.7	2.3	6.6	0.6	0.5	0.9	0.052
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	4	0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	1.2	0.0	0.0	0.0	0.2	0.2	0.4	0.018
C70-C72	Brain & CNS	16	1.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.3	2.2	1.5	1.0	3.3	3.7	0.0	0.0	0.0	0.9	0.7	2.0	0.071
C73	Thyroid	33	2.0	0.0	0.0	0.0	0.0	1.3	2.5	2.1	1.9	0.7	2.2	2.9	4.4	4.9	3.5	4.5	4.4	1.8	1.5	2.6	0.155
C74	Adrenal Gland etc.,	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.1	0.1	0.0	0.009
C75	Endocrine Glands	2	0.1	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.007
C81	Hodgkin Disease	7	0.4	0.0	0.8	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.7	1.0	0.0	0.0	1.7	0.0	2.2	0.4	0.4	0.3	0.027
C82-86,96	Non-Hodg Lymphoma	25	1.5	0.0	1.5	0.0	0.0	0.6	0.0	0.0	1.3	2.2	2.2	2.9	1.1	6.1	7.0	2.3	0.0	1.4	1.2	2.5	0.136
C90	Multiple Myeloma	10	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.5	0.0	2.2	1.2	0.0	4.5	4.4	0.5	0.4	0.9	0.051
C91	Lymphoid Leukaemia	16	1.0	4.3	1.5	0.7	0.7	0.6	0.0	1.4	0.0	0.0	0.7	1.9	1.1	0.0	0.0	0.0	0.0	0.9	1.1	0.6	0.065
C92-C94	Myeloid Leukaemia	31	1.9	1.7	0.0	0.7	1.4	0.0	0.6	2.8	1.3	0.7	4.5	2.9	4.4	3.7	3.5	0.0	0.0	1.7	1.6	2.8	0.141
C95	Unspeci. Leukaemia	6	0.4	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.4	0.7	1.0	1.1	0.0	0.0	0.0	0.0	0.3	0.3	0.7	0.025
Oth & Unsp	Others & Unspecified	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	1.2	0.0	0.0	0.0	0.2	0.1	0.5	0.017
C76-80	Primary Uncertain	55	3.4	0.0	0.0	0.7	0.0	0.6	0.0	0.7	0.6	2.9	6.7	5.8	8.9	6.1	13.9	9.1	15.3	3.0	2.6	4.9	0.280
TOTAL		1625	100.0	8.6	4.6	3.4	4.9	10.3	14.3	20.8	53.1	104.6	168.5	236.9	249.2	293.4	261.1	283.1	201.3	87.9	76.1	171.3	8.225

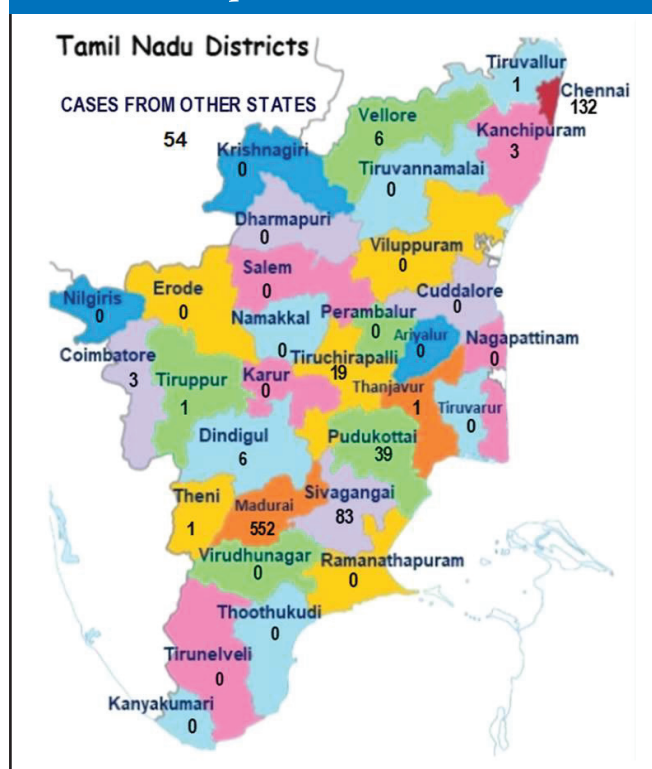
Residence District: Sivagangai

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	260	289	350	415	378	447	483	519	556
FEMALE	463	473	516	547	523	563	582	601	621
TOTAL	723	762	866	962	901	1010	1065	1120	1177

Year - 2016

New Cases - 901

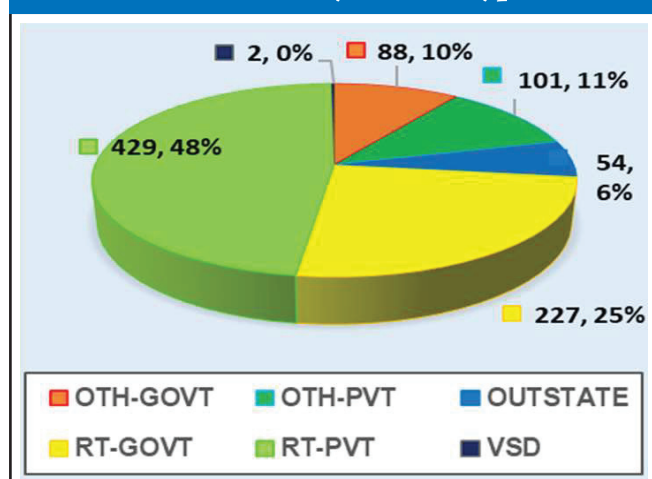
No. of Cases Reported from the Source District



As per 2011 census

AREA (km²) : 4233**URBAN - RURAL (Ratio)** **1 : 2.24**

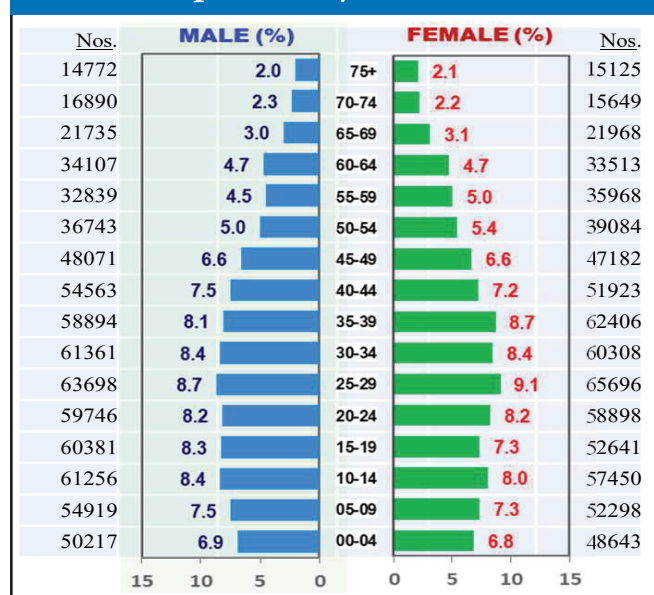
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
RCC Govt. Rajaji Hosp.	Madurai	218
Meenakshi Mission Hosp. & Res.	Madurai	149
Cancer Institute (WIA) - Adyar	Chennai	105
Velammal Med.Coll. Hosp. & Res	Madurai	69
Devaki Mult. Spl. Hosp.	Madurai	61
Govt. Sivagangai Med. Coll. Ho	Sivagangai	56
JIPMER	Pondicherry	44
Sri Durga Surg. Clin. & Padmas	Pudukottai	38
Guru Cancer Centre	Madurai	25
Quality Care Hosp.	Madurai	16
Apollo Mult. Spl. Hosp.	Madurai	12
GH Karaikudi	Sivagangai	11
GH Devakottai	Sivagangai	11
GVN Hosp. Singarathoppu	Tiruchirapalli	9
V S Hospitals Advanced Cancer	Chennai	6
Dr. B Borooah C. I	Guwahati	6
Christian Med. Coll. Hosp.	Vellore	6
Christian Hosp. Ambilikkai.	Dindigul	5
Rajiv Gandhi Govt. General Hos	Chennai	4
Govt. Stanley Med. Coll.	Chennai	3

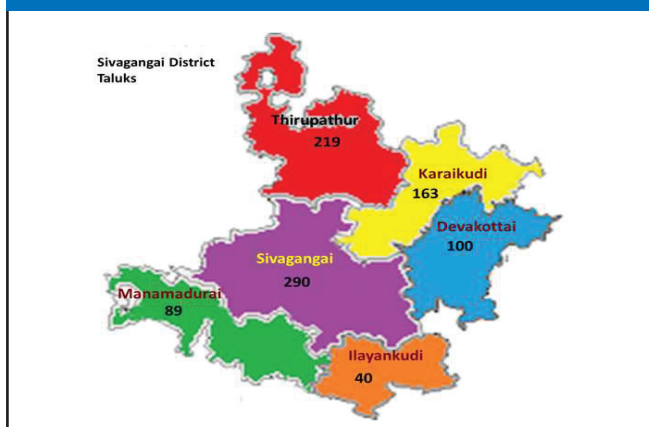
Population Pyramid 2016



Residence District: Sivagangai

Year: 2016

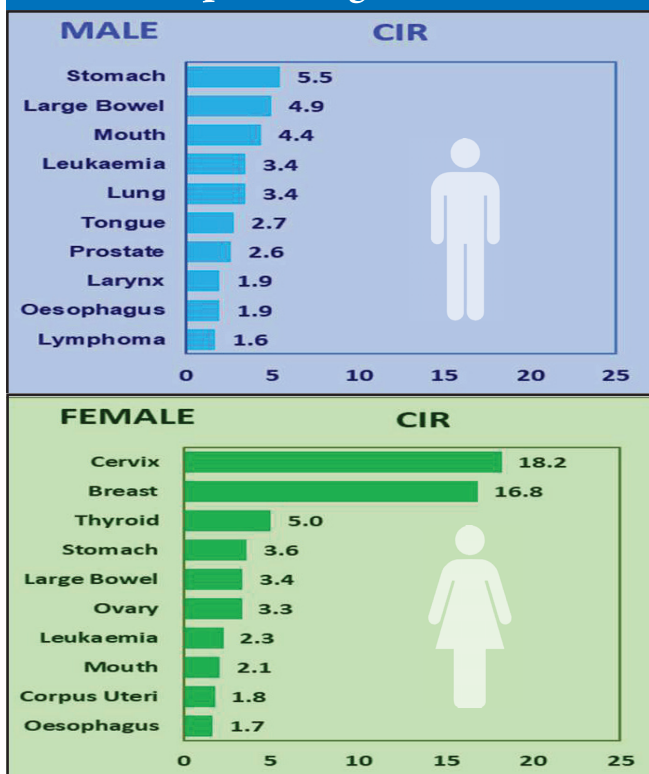
No. of New Cases by Taluks



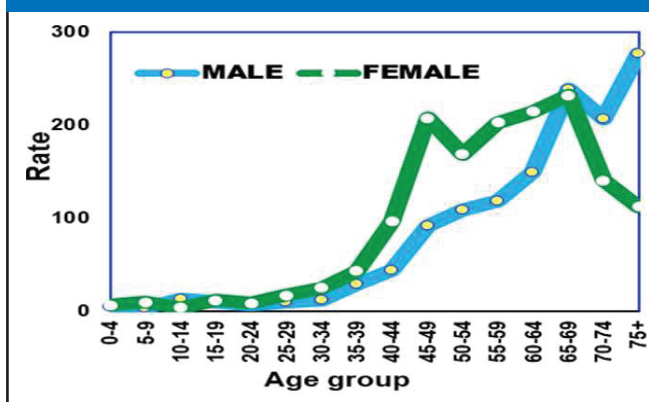
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	378	523	901
%	42.0	58.0	100.0
CIR	51.8	72.8	62.2
CR% (0-74 YEARS)	5.097	6.702	5.916
ASR	47.8	64.6	56.2

Top Ranking Cancers



Age Specific Incidence Rates by Sex



CIR, ASR, other rates are per 1,00,000 population

A total of 901 new cancers, diagnosed in year 2016, were registered among 1.45 million population with a female (523) preponderance (1:1.38). Most cases were registered from hospitals in Madurai (61.3%) district followed by those located in Chennai city (14.7%) and Sivagangai district (9.2%). A majority were first diagnosed and/or registered for TNCRP at Government Rajaji Hospital (24.2%) followed by Meenakshi Mission Hospital (16.5%) in Madurai and the Cancer Institute (W.I.A) in Chennai city (11.7%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (48%); cases registered based on a death certificate only were negligible. The average annual CIR per 100,000 population for all cancers together was higher among women (72.8) than men (51.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 17. Two-third of cases of all cancers together were registered in 35-64 years age-group (66.7%) while the peak incidence rate was observed in 65-69 years among women and 75+ years among men. The CIR of the most common cancers among men were stomach (5.5), large bowel (4.9) and mouth (4.4); Among women, the rank order was cervix (18.2), breast (16.8) and thyroid (5.0). The new cancer burden was estimated as 1,177 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	12	7.2	10	6.3
15-34	23	9.4	37	15.6
35-64	215	81.1	386	142.9
65+	128	239.7	90	170.6

Male, Sivagangai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	20	5.3	0.0	0.0	0.0	1.7	0.0	0.0	0.0	3.4	1.8	6.2	10.9	9.1	5.9	9.2	11.8	0.0	2.7	2.5	5.9	0.300
C03-C06	Mouth	32	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	5.5	10.4	16.3	18.3	14.7	4.6	11.8	20.3	4.4	4.0	10.3	0.417
C07-C08	Salivary Gland	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.3	0.3	0.0	0.046
C09-C10	Oropharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C11	Nasopharynx	4	1.1	0.0	0.0	0.0	1.7	0.0	0.0	1.6	0.0	0.0	2.1	2.7	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.8	0.040
C12-C13	Hypopharynx	11	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	2.1	2.7	0.0	5.9	9.2	5.9	13.5	1.5	1.4	2.3	0.148
C14	Pharynx unsp	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.010
C15	Oesophagus	14	3.7	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.7	0.0	0.0	2.7	9.1	11.7	18.4	0.0	0.0	1.9	1.7	3.5	0.227
C16	Stomach	40	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	5.5	6.2	13.6	12.2	26.4	41.4	23.7	13.5	5.5	5.0	9.8	0.652
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	14	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	5.5	6.2	2.7	9.1	2.9	4.6	5.9	0.0	1.9	1.7	4.6	0.194
C19-C20	Rectum	22	5.8	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.7	0.0	10.4	2.7	15.2	5.9	0.0	11.8	33.9	3.0	2.7	5.5	0.247
C21	Anus & Anal canal	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.3	0.2	0.4	0.023
C22	Liver etc.,	9	2.4	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.7	0.0	2.1	2.7	6.1	0.0	9.2	0.0	6.8	1.2	1.2	2.0	0.117
C23-C24	Gall Bladder etc.	4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	5.9	6.8	0.5	0.5	0.8	0.050
C25	Pancreas	10	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.8	6.2	0.0	0.0	8.8	9.2	0.0	0.0	1.4	1.2	3.0	0.139
C26	Other G.I Tract	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.7	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.024
C30-C31	Nasal Cavity etc.	2	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.3	0.4	0.4	0.025
C32	Larynx	14	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	16.3	0.0	2.9	9.2	5.9	20.3	1.9	1.9	3.4	0.182
C33-C34	Lung	25	6.6	0.0	0.0	0.0	0.0	1.7	0.0	1.6	0.0	0.0	8.3	8.2	6.1	11.7	32.2	11.8	6.8	3.4	3.2	5.2	0.407
C37-C39	Oth Respiratory syst	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.009
C40-C41	Bone	5	1.3	0.0	0.0	0.0	1.7	0.0	1.6	0.0	0.0	1.8	0.0	0.0	3.0	0.0	4.6	0.0	0.0	0.7	0.6	0.7	0.064
C43	Melanoma of Skin	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	11.8	0.0	0.4	0.4	0.4	0.070
C44	Skin - others	4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	5.9	0.0	0.0	0.0	0.5	0.5	1.6	0.057
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	6	1.6	0.0	0.0	0.0	1.7	0.0	0.0	0.0	3.4	1.8	0.0	0.0	0.0	2.9	4.6	0.0	0.0	0.8	0.7	1.4	0.072
C50	Breast	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	2.9	0.0	0.0	0.0	0.3	0.2	0.8	0.025
C60	Penis	9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	2.7	3.0	0.0	9.2	5.9	6.8	1.2	1.2	2.0	0.136
C61	Prostate	19	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	6.1	5.9	18.4	23.7	40.6	2.6	2.5	2.0	0.284
C62	Testis	4	1.1	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	1.8	0.0	2.7	3.0	0.0	0.0	0.0	0.0	0.5	0.5	1.2	0.046
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.7	3.0	2.9	0.0	5.9	6.8	0.8	0.8	1.6	0.084
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.1	0.1	0.4	0.015
C67	Bladder	11	2.9	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.7	1.8	4.2	0.0	3.0	2.9	4.6	0.0	20.3	1.5	1.3	2.3	0.100
C68	Urethera	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.015
C70-C72	Brain & CNS	10	2.6	0.0	1.8	3.3	0.0	0.0	0.0	0.0	5.1	0.0	0.0	2.7	3.0	0.0	0.0	5.9	6.8	1.4	1.3	1.8	0.109
C73	Thyroid	8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.8	2.1	0.0	0.0	2.9	0.0	11.8	13.5	1.1	1.0	1.1	0.102
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.009
C82-86,96	Non-Hodg Lymphoma	11	2.9	0.0	0.0	1.6	1.7	0.0	1.6	1.6	0.0	1.8	0.0	0.0	0.0	0.0	4.6	11.8	20.3	1.5	1.4	0.4	0.124
C90	Multiple Myeloma	3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	9.2	0.0	0.0	0.4	0.4	0.4	0.061
C91	Lymphoid Leukaemia	12	3.2	2.0	1.8	4.9	1.7	1.7	0.0	0.0	0.0	0.0	2.1	2.7	3.0	0.0	0.0	5.9	6.8	1.6	1.8	1.2	0.129
C92-C94	Myeloid Leukaemia	11	2.9	0.0	0.0	1.6	0.0	1.7	0.0	0.0	1.7	3.7	0.0	0.0	0.0	8.8	0.0	5.9	13.5	1.5	1.3	2.2	0.117
C95	Unspeci. Leukaemia	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	5.9	0.0	0.3	0.3	0.0	0.053
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	20	5.3	0.0	0.0	0.0	0.0	1.7	3.1	0.0	1.7	1.8	0.0	2.7	3.0	5.9	23.0	17.8	20.3	2.7	2.5	2.3	0.304
TOTAL		378	100.0	4.0	3.6	13.1	9.9	6.7	9.4	11.4	28.9	44.0	91.5	108.9	118.8	149.5	239.2	207.2	277.6	51.8	47.8	84.0	5.097

Female, Sivagangai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.1	0.1	0.0	0.032
C01-C02	Tongue	5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.1	2.6	2.8	0.0	4.6	0.0	0.0	0.7	0.6	1.5	0.068
C03-C06	Mouth	15	2.9	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	2.1	5.1	5.6	11.9	9.1	19.2	0.0	2.1	1.9	3.5	0.272
C07-C08	Salivary Gland	3	0.6	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.0	0.0	0.0	0.0	0.4	0.4	0.7	0.037
C09-C10	Oropharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.011
C11	Nasopharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C12-C13	Hypopharynx	3	0.6	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.6	0.0	0.0	0.4	0.4	0.4	0.042
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	12	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.6	2.8	6.0	13.7	12.8	13.2	1.7	1.5	2.0	0.199
C16	Stomach	26	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	12.7	0.0	25.0	17.9	9.1	6.4	6.6	3.6	3.1	8.4	0.364
C17	Small Intestine	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.011
C18	Colon	11	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	2.6	2.8	9.0	9.1	0.0	13.2	1.5	1.4	2.7	0.136
C19-C20	Rectum	14	2.7	0.0	0.0	0.0	0.0	1.7	1.5	0.0	0.0	0.0	0.0	7.7	13.9	0.0	4.6	19.2	0.0	1.9	1.7	3.0	0.243
C21	Anus & Anal canal	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.1	0.1	0.0	0.023
C22	Liver etc.,	5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.9	2.1	0.0	0.0	6.0	0.0	0.0	0.0	0.7	0.6	1.9	0.058
C23-C24	Gall Bladder etc.	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.9	0.0	0.0	2.8	0.0	4.6	0.0	0.0	0.6	0.5	0.7	0.055
C25	Pancreas	3	0.6	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	6.6	0.4	0.4	0.4	0.020
C26	Other G.I Tract	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.014
C30-C31	Nasal Cavity etc.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.1	0.1	0.4	0.015
C32	Larynx	4	0.8	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	1.0	0.033
C33-C34	Lung	8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.1	0.0	2.8	9.0	4.6	6.4	0.0	1.1	1.0	2.2	0.132
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	3	0.6	0.0	0.0	0.0	1.9	1.7	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.029
C43	Melanoma of Skin	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C44	Skin - others	6	1.1	2.1	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	2.1	0.0	0.0	0.0	4.6	6.4	6.6	0.8	0.9	0.4	0.084
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.3	0.2	0.0	0.008
C50	Breast	121	23.1	0.0	0.0	0.0	0.0	0.0	0.0	11.6	9.6	32.7	78.4	48.6	41.7	29.8	27.3	12.8	13.2	16.8	14.6	40.5	1.452
C51	Vulva	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	6.4	0.0	0.3	0.2	0.4	0.046
C52	Vagina	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.0	4.6	6.4	0.0	0.6	0.5	0.7	0.084
C53	Cervix	131	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	19.3	53.0	48.6	66.7	71.6	77.4	32.0	33.1	18.2	16.1	40.3	1.842
C54	Corpus Uteri	13	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	4.2	12.8	2.8	3.0	0.0	0.0	0.0	1.8	1.6	5.1	0.152
C55	Uterus unsp.	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	4.6	0.0	0.0	0.3	0.3	0.4	0.036
C56	Ovary	24	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	10.6	15.4	8.3	11.9	13.7	0.0	6.6	3.3	2.9	7.8	0.315
C57	Oth female Genital	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.011
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.026
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.1	0.028
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	11	2.1	2.1	3.8	0.0	3.8	0.0	0.0	0.0	1.6	3.9	2.1	0.0	2.8	0.0	4.6	0.0	0.0	1.5	1.7	1.8	0.123
C73	Thyroid	36	6.9	0.0	1.9	0.0	0.0	1.7	6.1	3.3	8.0	7.7	6.4	5.1	5.6	14.9	22.8	6.4	6.6	5.0	4.4	7.7	0.448
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	2	0.4	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.017
C82-86,96	Non-Hodg Lymphoma	10	1.9	0.0	0.0	0.0	0.0	0.0	1.5	1.7	3.2	1.9	4.2	2.6	2.8	3.0	0.0	0.0	0.0	1.4	1.1	3.0	0.105
C90	Multiple Myeloma	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8	0.029
C91	Lymphoid Leukaemia	7	1.3	2.1	3.8	1.7	1.9	0.0	1.5	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.3	0.063
C92-C94	Myeloid Leukaemia	9	1.7	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	7.7	4.2	2.6	2.8	0.0	0.0	0.0	0.0	1.3	1.1	3.1	0.096
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	11	2.1	0.0	0.0	0.0	1.9	0.0	0.0	1.7	1.6	1.9	2.1	2.6	0.0	11.9	4.6	0.0	0.0	1.5	1.4	3.0	0.142
TOTAL		523	100.0	6.2	9.6	3.5	11.4	8.5	16.7	24.9	43.3	96.3	207.7	168.9	203.0	214.8	232.2	140.6	112.4	72.8	64.6	148.4	6.702

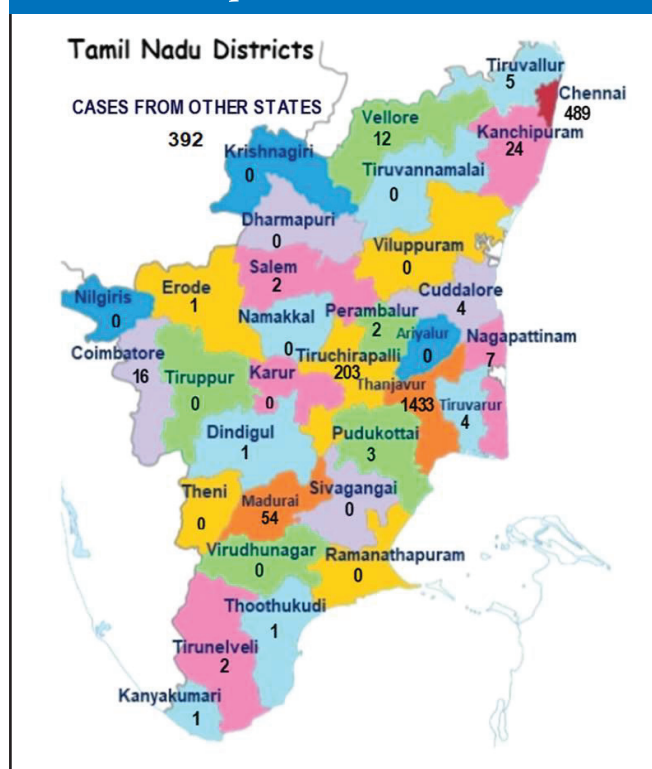
Residence District: Thanjavur

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	905	946	961	1108	1238	1280	1363	1446	1528
FEMALE	1200	1496	1137	1389	1418	1427	1460	1493	1525
TOTAL	2105	2442	2098	2497	2656	2707	2823	2939	3053

Year - 2016

New Cases - 2656

No. of Cases Reported from the Source District



No. of Cases by Major Sources

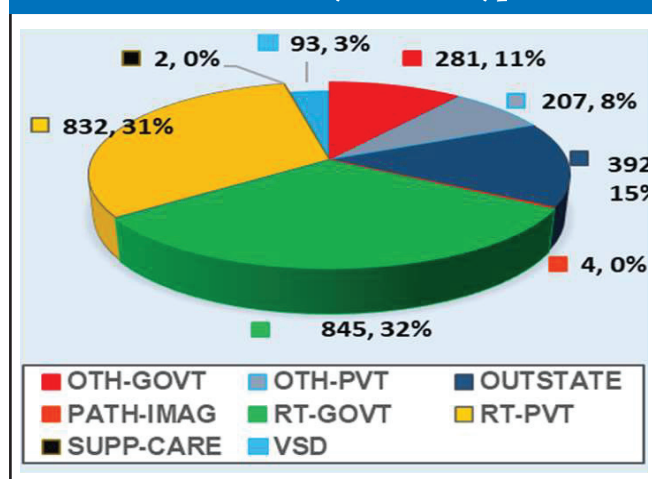
SOURCE NAME	DISTRICT	No.
Govt. Thanjavur Med. Coll. Hos	Thanjavur	688
JIPMER	Pondicherry	371
Cancer Institute (WIA) - Adyar	Chennai	269
Govt. Raja Mirasudhar Hosp.	Thanjavur	174
Thanjavur Cancer Centre	Thanjavur	173
GVN Hosp. Singarathoppu	Tiruchirappalli	93
Meenakshi Hosp. Dr. APJ Abdul	Thanjavur	92
DPH - TANJ	Thanjavur	84
Rajiv Gandhi Govt. General Hos	Chennai	73
Vishnu Hosp.	Thanjavur	58
Murali Clinic	Thanjavur	46
Govt. Royapettah Hosp.	Chennai	41
Dr. G Viswanathan Speciality H	Tiruchirappalli	28
Tamilnadu Govt Multi Super Spe	Chennai	27
Meenakshi Mission Hosp. & Res.	Madurai	26
Dr. G Viswanathan CBCC Cancer	Tiruchirappalli	24
Harshamitra Hosp.	Tiruchirappalli	22
RCC Govt. Arignar Anna Mem. Ca	Kanchipuram	19
Kauvery Med. Cent. & HCG Cance	Tiruchirappalli	19
Rohini Hosp.	Thanjavur	14

As per 2011 census

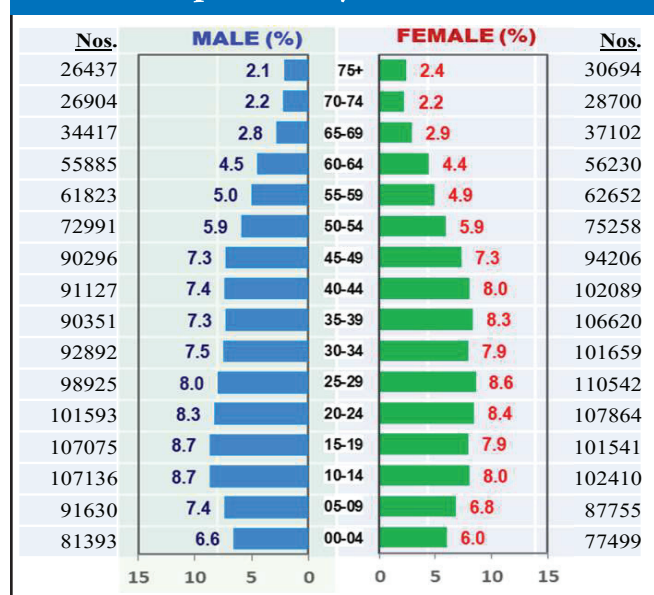
AREA (km²) : 3411

URBAN - RURAL (Ratio) 1 : 1.83

No. of Cases by Source Type



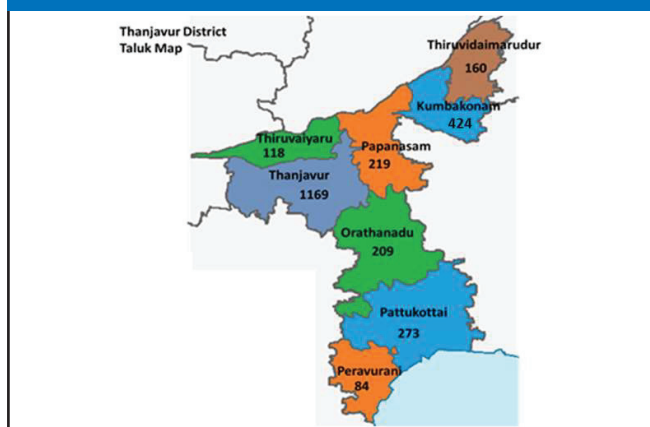
Population Pyramid 2016



Residence District: Thanjavur

Year: 2016

No. of New Cases by Taluks

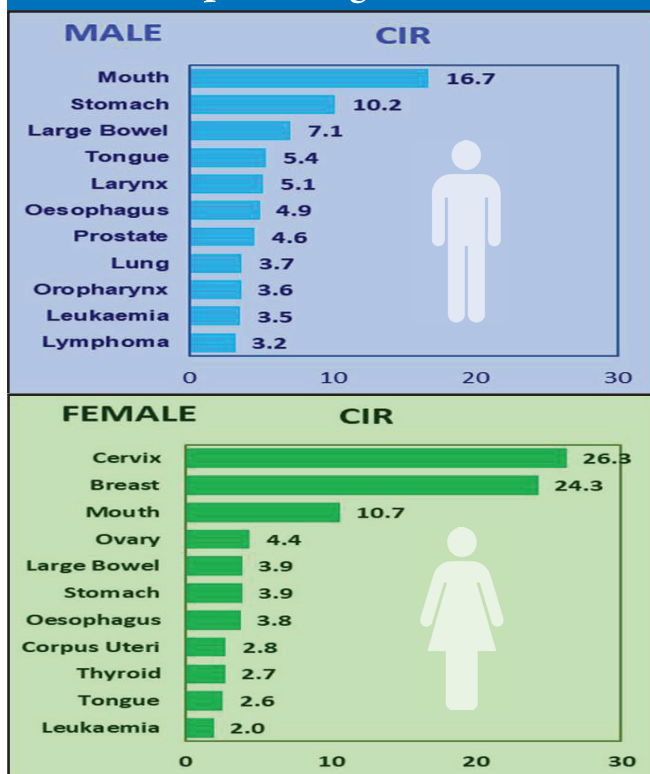


Cancer Incidence Statistics

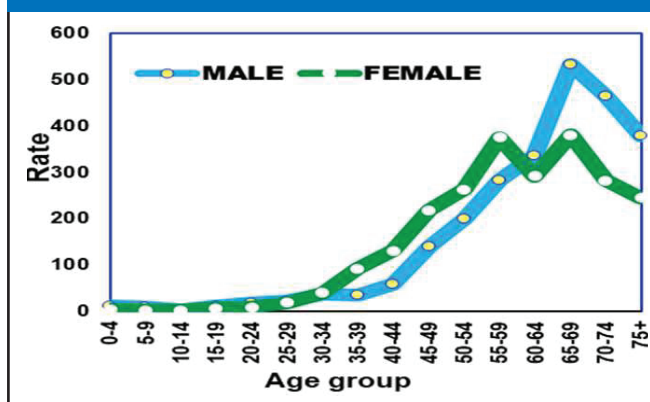
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1238	1418	2656
%	46.6	53.4	100.0
CIR	100.6	110.5	105.7
CR% (0-74 YEARS)	10.252	10.048	10.151
ASR	90.8	94.6	92.8

A total of 2,656 new cancers, diagnosed in year 2016, were registered among 2.51 million population with a female (1,418) preponderance (1:1.15). More than half of the cases were registered from hospitals in Thanjavur district (54%) followed by those located in Chennai city (18.4%) and from outside the state (14.8%). A majority were first diagnosed and/or registered for TNCRP at the Government Medical College Hospital, Thanjavur (25.9%) followed by JIPMER, Pondichery (14%) and the Cancer Institute (W.I.A), Chennai (10.1%). All hospitals with radiotherapy facility in government sector together accounted for most cases (32%); cases registered based on a death certificate only were 3%. The average annual CIR per 100,000 population for all cancers and both sexes together in Thanjavur district was the second highest in Tamil Nadu; CIR was higher among women (110.5) than men (100.6). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 10. The number of cases of all cancers together were the highest in 35-64 years age-group (66%) while the peak incidence rate was observed in 65-69 years among both sexes. The most common cancer among men were mouth (CIR:16.7), stomach (10.2) and large bowel (7.1); among women, the top two cancers were cervix (26.3) and breast (24.3). Mouth cancer, ranked third among women, was the second highest in the world. The new cancer burden was estimated as 3,053 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	22	7.9	9	3.4
15-34	88	22.0	79	18.7
35-64	720	155.7	1033	207.8
65+	408	464.9	297	307.8

CIR, ASR, other rates are per 1,00,000 population

Male, Thanjavur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	4.1	0.0	1.8	2.9	7.4	0.0	0.7	0.6	1.3	0.092
C01-C02	Tongue	66	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.2	6.6	6.6	13.7	22.6	16.1	26.1	11.2	22.7	5.4	4.7	10.2	0.531
C03-C06	Mouth	206	16.6	0.0	0.0	0.0	0.0	0.0	2.0	3.2	6.6	11.0	29.9	34.3	53.4	64.4	84.3	81.8	49.2	16.7	14.8	29.9	1.843
C07-C08	Salivary Gland	8	0.6	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.1	1.4	1.6	0.0	5.8	3.7	3.8	0.7	0.6	0.6	0.073
C09-C10	Oropharynx	44	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	6.6	11.0	6.5	17.9	17.4	18.6	3.8	3.6	3.2	7.1	0.411
C11	Nasopharynx	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.3	1.4	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.1	0.029
C12-C13	Hypopharynx	29	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	4.4	1.1	2.7	3.2	3.6	11.6	18.6	26.5	2.4	2.1	2.4	0.237
C14	Pharynx unsp	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.1	1.6	0.0	0.0	0.0	0.0	0.4	0.3	1.1	0.034
C15	Oesophagus	60	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.3	11.1	8.2	9.7	23.3	26.2	26.0	18.9	4.9	4.3	8.4	0.543
C16	Stomach	125	10.1	0.0	0.0	0.0	0.0	0.0	2.0	3.2	2.2	2.2	14.4	17.8	29.1	41.2	72.6	66.9	22.7	10.2	9.2	15.6	1.251
C17	Small Intestine	6	0.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.1	1.4	0.0	1.8	2.9	3.7	0.0	0.5	0.4	0.7	0.059
C18	Colon	35	2.8	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	0.0	2.2	2.7	11.3	12.5	17.4	11.2	15.1	2.8	2.5	4.4	0.309
C19-C20	Rectum	52	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.2	2.2	6.6	8.2	12.9	12.5	23.2	18.6	26.5	4.2	3.8	6.8	0.437
C21	Anus & Anal canal	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.4	3.2	1.8	0.0	0.0	0.0	0.4	0.3	1.1	0.038
C22	Liver etc.,	21	1.7	0.0	1.1	0.0	0.0	0.0	1.0	2.2	0.0	1.1	1.1	2.7	6.5	3.6	11.6	0.0	11.4	1.7	1.6	2.2	0.154
C23-C24	Gall Bladder etc.	17	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	2.7	4.9	8.9	14.5	3.7	0.0	1.4	1.3	2.4	0.179
C25	Pancreas	10	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	5.5	4.9	0.0	2.9	0.0	3.8	0.8	0.7	1.7	0.072
C26	Other G.I Tract	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	3.7	0.0	0.2	0.2	0.0	0.048
C30-C31	Nasal Cavity etc.	17	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.1	3.3	2.7	6.5	5.4	5.8	0.0	3.8	1.4	1.2	2.8	0.129
C32	Larynx	63	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.4	11.0	17.8	14.3	32.0	44.6	18.9	5.1	4.6	7.6	0.640
C33-C34	Lung	45	3.6	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	12.2	5.5	3.2	21.5	20.3	3.7	22.7	3.7	3.3	6.4	0.342
C37-C39	Oth Respiratory syst	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.2	0.1	0.0	0.024
C40-C41	Bone	17	1.4	0.0	0.0	1.9	0.0	3.0	0.0	0.0	1.1	1.1	2.2	0.0	3.2	3.6	2.9	3.7	7.6	1.4	1.3	1.7	0.113
C43	Melanoma of Skin	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C44	Skin - others	27	2.2	0.0	0.0	0.0	0.9	0.0	1.0	0.0	1.1	1.1	1.1	6.9	1.6	3.6	17.4	11.2	18.9	2.2	2.0	2.4	0.229
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	14	1.1	2.5	0.0	0.0	0.9	0.0	1.0	0.0	0.0	1.1	1.1	1.4	1.6	5.4	5.8	0.0	3.8	1.1	1.2	1.5	0.104
C50	Breast	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.7	1.6	1.8	0.0	0.0	3.8	0.5	0.4	1.1	0.036
C60	Penis	27	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.1	9.7	1.8	20.3	7.4	15.1	2.2	2.0	3.0	0.239
C61	Prostate	56	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	8.2	12.9	10.7	29.1	48.3	45.4	4.6	4.2	4.6	0.550
C62	Testis	3	0.2	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.1	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.017
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	10	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.6	7.2	8.7	3.7	0.0	0.8	0.8	1.3	0.112
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	20	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.1	2.7	6.5	12.5	5.8	7.4	0.0	1.6	1.4	3.5	0.191
C68	Urethera	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.8	0.2	0.2	0.0	0.019
C70-C72	Brain & CNS	18	1.5	0.0	2.2	0.0	0.0	1.0	1.0	1.1	0.0	2.2	2.2	2.7	1.6	3.6	2.9	11.2	0.0	1.5	1.4	2.0	0.159
C73	Thyroid	9	0.7	0.0	0.0	0.0	0.0	1.0	0.0	1.1	1.1	1.1	1.1	0.0	3.2	1.8	0.0	3.7	0.0	0.7	0.6	1.3	0.071
C74	Adrenal Gland etc.,	2	0.2	1.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.012
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C81	Hodgkin Disease	7	0.6	0.0	0.0	0.0	0.0	1.0	0.0	1.1	2.2	1.1	1.1	1.4	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.1	0.039
C82-86,96	Non-Hodg Lymphoma	32	2.6	1.2	1.1	0.0	1.9	1.0	1.0	1.1	1.1	0.0	5.5	5.5	6.5	10.7	11.6	3.7	0.0	2.6	2.4	4.4	0.261
C90	Multiple Myeloma	12	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	4.9	3.6	8.7	3.7	7.6	1.0	0.9	1.3	0.110
C91	Lymphoid Leukaemia	24	1.9	3.7	4.4	1.9	3.7	0.0	2.0	1.1	0.0	1.1	1.1	1.4	3.2	3.6	0.0	0.0	3.8	2.0	2.2	1.5	0.136
C92-C94	Myeloid Leukaemia	17	1.4	1.2	0.0	0.0	2.8	2.0	1.0	1.1	0.0	1.1	1.1	2.7	3.2	5.4	0.0	0.0	0.0	1.4	1.3	2.0	0.108
C95	Unspeci. Leukaemia	2	0.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.013
Oth & Unsp	Others & Unspecified	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.4	1.6	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.020
C76-80	Primary Uncertain	95	7.7	0.0	0.0	0.0	0.9	6.9	10.1	10.8	3.3	5.5	7.8	11.0	21.0	10.7	34.9	29.7	18.9	7.7	6.9	9.1	0.760
TOTAL		1238	100.0	11.1	9.8	3.7	12.1	17.7	22.2	37.7	34.3	59.3	139.6	200.0	283.1	336.4	531.7	464.6	378.3	100.6	90.8	157.3	10.252

Female, Thanjavur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.8	2.7	0.0	6.5	0.4	0.3	0.4	0.027
C01-C02	Tongue	33	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	3.2	6.6	11.2	7.1	18.9	7.0	3.3	2.6	2.3	4.8	0.289
C03-C06	Mouth	137	9.7	0.0	0.0	0.0	0.0	0.0	1.8	0.0	7.5	10.8	13.8	41.2	33.5	30.2	45.8	24.4	32.6	10.7	9.2	21.1	1.041
C07-C08	Salivary Gland	6	0.4	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	1.1	0.0	1.6	0.0	2.7	0.0	3.3	0.5	0.4	0.4	0.036
C09-C10	Oropharynx	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.0	0.0	7.1	2.7	0.0	0.0	0.5	0.5	1.3	0.059
C11	Nasopharynx	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.6	0.0	0.0	0.0	0.2	0.2	0.7	0.026
C12-C13	Hypopharynx	17	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	1.0	1.1	5.3	4.8	3.6	2.7	7.0	0.0	1.3	1.1	2.7	0.141
C14	Pharynx unsp	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.2	0.1	0.5	0.018
C15	Oesophagus	49	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	3.9	7.4	4.0	11.2	10.7	18.9	17.4	13.0	3.8	3.3	6.7	0.394
C16	Stomach	50	3.5	0.0	0.0	0.0	0.0	0.0	1.8	2.0	3.8	2.0	11.7	9.3	6.4	17.8	8.1	7.0	9.8	3.9	3.3	8.0	0.347
C17	Small Intestine	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	2.7	0.0	0.0	0.2	0.1	0.2	0.019
C18	Colon	10	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.1	0.0	4.8	3.6	0.0	3.5	3.3	0.8	0.7	1.5	0.075
C19-C20	Rectum	40	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.8	3.9	6.4	18.6	3.2	7.1	13.5	3.5	0.0	3.1	2.7	6.9	0.300
C21	Anus & Anal canal	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
C22	Liver etc.,	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.3	1.6	3.6	0.0	0.0	0.0	0.4	0.3	0.9	0.037
C23-C24	Gall Bladder etc.	12	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	2.1	2.7	3.2	3.6	0.0	3.5	3.3	0.9	0.8	2.1	0.085
C25	Pancreas	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1	1.3	3.2	1.8	0.0	0.0	0.0	0.5	0.5	1.5	0.047
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	6	0.4	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	0.0	0.0	1.6	3.6	2.7	0.0	0.0	0.5	0.4	0.9	0.048
C32	Larynx	8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	2.0	0.0	0.0	3.2	3.6	0.0	0.0	0.0	0.6	0.5	1.4	0.053
C33-C34	Lung	23	1.6	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.9	3.9	2.1	4.0	8.0	3.6	5.4	0.0	3.3	1.8	1.5	3.7	0.154
C37-C39	Oth Respiratory syst	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.6	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.013
C40-C41	Bone	8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	0.0	1.1	1.3	1.6	0.0	2.7	0.0	3.3	0.6	0.5	1.0	0.048
C43	Melanoma of Skin	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C44	Skin - others	16	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	1.0	2.1	2.7	4.8	3.6	2.7	0.0	9.8	1.2	1.0	2.3	0.094
C45	Mesothelioma	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	8	0.6	0.0	0.0	1.0	0.0	0.0	0.9	0.0	0.0	2.9	0.0	1.3	1.6	0.0	2.7	0.0	0.0	0.6	0.5	1.0	0.052
C50	Breast	312	22.0	0.0	0.0	0.0	0.0	1.9	2.7	8.9	28.1	37.2	63.7	69.1	76.6	39.1	70.1	45.3	29.3	24.3	20.3	51.1	2.189
C51	Vulva	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	1.6	1.8	2.7	0.0	6.5	0.5	0.5	0.8	0.041
C52	Vagina	15	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.3	1.6	10.7	8.1	7.0	3.3	1.2	1.1	2.0	0.148
C53	Cervix	337	23.8	0.0	0.0	0.0	0.0	0.9	0.9	5.9	16.0	33.3	58.4	50.5	113.3	67.6	83.6	97.6	55.4	26.3	22.3	52.3	2.604
C54	Corpus Uteri	36	2.5	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.9	2.0	4.2	8.0	9.6	19.6	10.8	3.5	0.0	2.8	2.5	6.4	0.297
C55	Uterus unsp.	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.3	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.0	0.028
C56	Ovary	57	4.0	0.0	0.0	0.0	1.0	0.9	0.0	2.0	3.8	7.8	5.3	6.6	19.2	7.1	24.3	13.9	6.5	4.4	3.8	7.7	0.458
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	6	0.4	2.6	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.1	0.0	1.6	0.0	2.7	0.0	0.0	0.5	0.6	0.4	0.045
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.0	1.6	3.6	0.0	3.5	3.3	0.7	0.6	1.5	0.068
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	10	0.7	1.3	1.1	1.0	0.0	0.9	0.9	1.0	0.0	1.0	2.1	1.3	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.053
C73	Thyroid	35	2.5	0.0	0.0	0.0	2.0	1.9	0.0	5.9	2.8	2.9	3.2	4.0	6.4	3.6	10.8	7.0	3.3	2.7	2.3	3.7	0.252
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C82-86,96	Non-Hodg Lymphoma	17	1.2	0.0	0.0	0.0	0.0	0.9	0.9	1.0	0.9	1.0	2.1	4.0	3.2	1.8	2.7	3.5	6.5	1.3	1.1	2.1	0.110
C90	Multiple Myeloma	10	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	4.8	1.8	5.4	7.0	0.0	0.8	0.7	1.3	0.107
C91	Lymphoid Leukaemia	5	0.4	0.0	1.1	1.0	1.0	0.0	0.0	0.0	0.9	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.027
C92-C94	Myeloid Leukaemia	20	1.4	0.0	0.0	0.0	2.0	0.9	1.8	2.0	2.8	1.0	4.2	1.3	3.2	1.8	2.7	0.0	0.0	1.6	1.3	2.4	0.119
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	6	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.1	0.0	1.6	0.0	5.4	0.0	0.0	0.5	0.5	0.6	0.051
C76-80	Primary Uncertain	71	5.0	0.0	0.0	0.0	1.0	0.9	2.7	3.0	4.7	2.9	4.2	9.3	19.2	14.2	16.2	20.9	39.1	5.5	4.8	8.1	0.495
TOTAL		1418	100.0	5.2	2.3	2.9	6.9	9.3	19.0	40.3	91.9	130.3	217.6	263.1	375.1	291.7	380.0	282.2	244.3	110.5	94.6	213.6	10.048

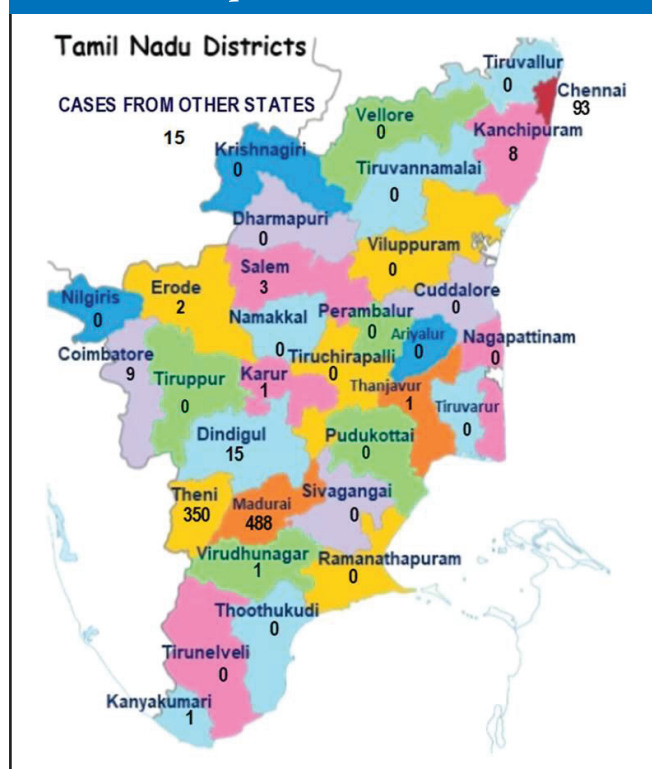
Residence District: Theni

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	330	338	396	506	426	507	543	579	615
FEMALE	431	513	556	605	561	639	674	709	744
TOTAL	761	851	952	1111	987	1146	1217	1288	1359

Year - 2016

New Cases - 987

No. of Cases Reported from the Source District



No. of Cases by Major Sources

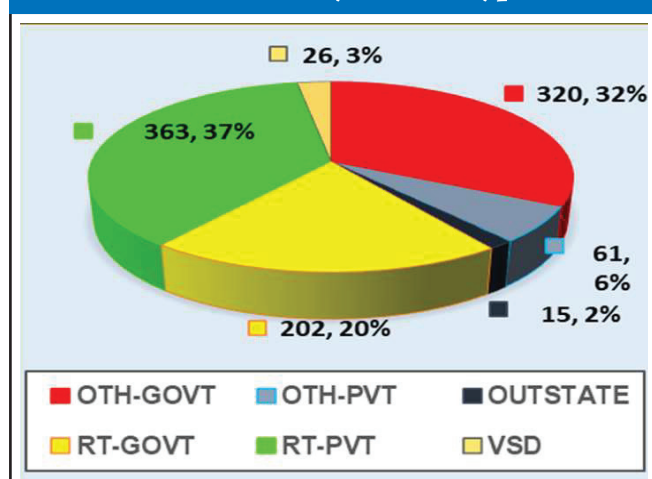
SOURCE NAME	DISTRICT	No.
Govt. Theni. Med. Coll. Hosp.	Theni	289
RCC Govt. Rajaji Hosp.	Madurai	190
Meenakshi Mission Hosp. & Res.	Madurai	113
Devaki Mult. Spl. Hosp.	Madurai	110
Cancer Institute (WIA) - Adyar	Chennai	66
Guru Cancer Centre	Madurai	31
Velammal Med.Coll. Hosp. & Res	Madurai	27
DPH - THEN	Theni	26
Apollo Mult. Spl. Hosp.	Madurai	13
RCC_TV RM	Trivandrum	11
Christian Hosp. Ambilikkai.	Dindigul	10
NRT Hosp	Theni	9
Govt. HQH, Periyakulam	Theni	7
GH Bodinayakanur	Theni	6
Rajiv Gandhi Govt. General Hos	Chennai	5
Christian Fellowship Hosp. Odd	Dindigul	5
GH Uthamapalayam	Theni	5
Govt. Royapettah Hosp.	Chennai	5
G Kuppusamy Naidu Memorial Hos	Coimbatore	5
GH Cumbam	Theni	5

As per 2011 census

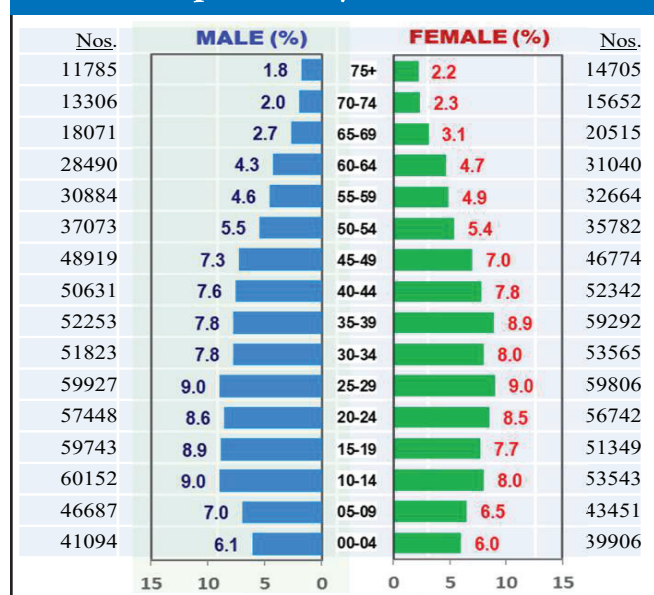
AREA (km²) : 2868

URBAN - RURAL (Ratio) 1 : 0.86

No. of Cases by Source Type



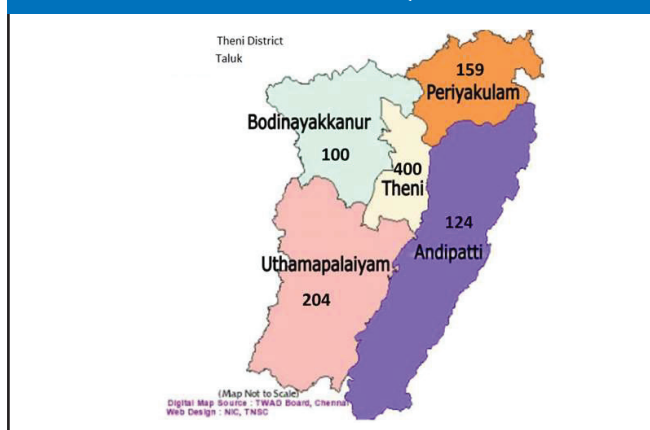
Population Pyramid 2016



Residence District: Theni

Year: 2016

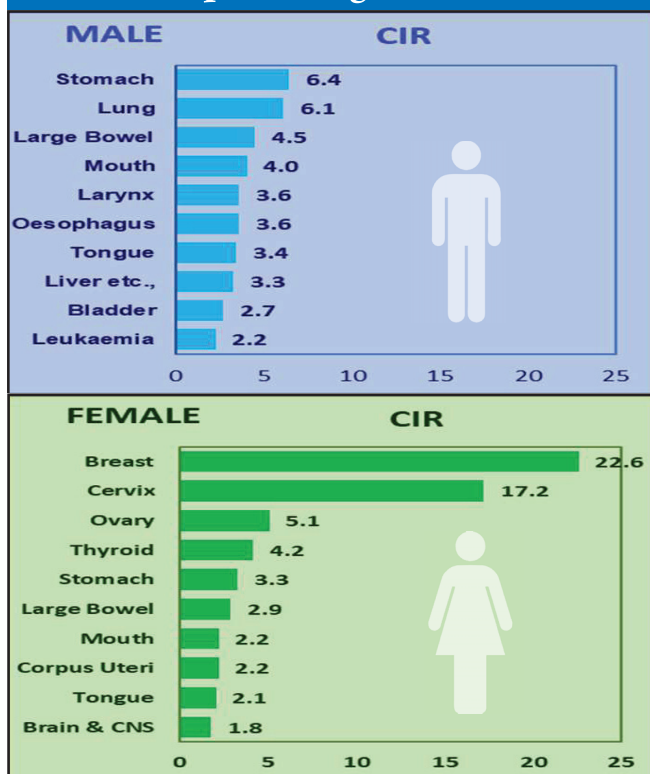
No. of New Cases by Taluks



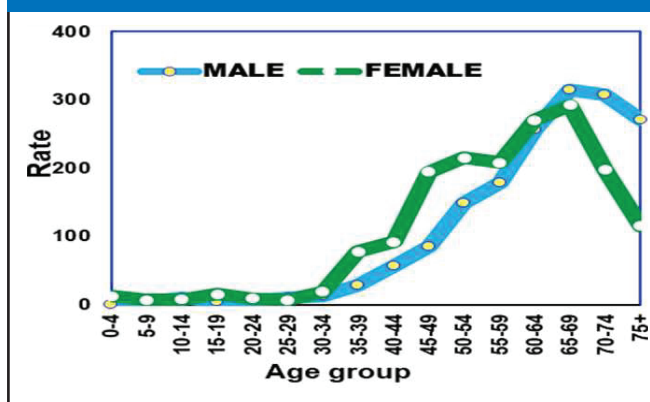
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	426	561	987
%	43.2	56.8	100.0
CIR	63.8	84.1	73.9
CR% (0-74 YEARS)	6.882	7.804	7.321
ASR	60.0	73.4	66.4

Top Ranking Cancers



Age Specific Incidence Rates by Sex



CIR, ASR, other rates are per 1,00,000 population

A total of 987 new cancers, diagnosed in year 2016, were registered among 1.34 million population with a female (561) preponderance (1:1.32). Almost half of the cases were registered from hospitals in Madurai (49.4%) followed by those located in Theni (35.5%) districts and Chennai city (9.4%). A majority were first diagnosed and/or registered for TNCRP at Government Medical College Hospital, Theni (29.3%) followed by Government Rajaji Hospital (19.2%) and Meenakshi Mission Hospital (11.4%) in Madurai. All hospitals with radiotherapy facility in government sector together accounted for most cases (37%); cases registered based on a death certificate only were 3%. The average annual CIR per 100,000 population for all cancers together was higher among women (84.1) than men (63.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 14. The number of cases of all cancers together were the highest in 35-64 years age-group (69.2%) while the peak incidence rate was observed in 65-69 years among both sexes. The CIR of the most common cancers among men were stomach (6.4), lung (6.1) and large bowel (4.5); Among women, the rank order was breast (22.6), cervix (17.2) and ovary (5.1). The new cancer burden was estimated as 1,359 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	8	5.4	12	8.8
15-34	19	8.3	27	12.2
35-64	269	108.4	414	160.5
65+	130	301.2	108	212.3

Male, Theni, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	5.5	7.5	0.0	0.4	0.4	0.4	0.075
C01-C02	Tongue	23	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.0	6.1	8.1	13.0	21.1	22.1	0.0	8.5	3.4	3.2	7.3	0.371
C03-C06	Mouth	27	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	6.1	10.8	9.7	17.6	33.2	15.0	8.5	4.0	3.8	7.6	0.491
C07-C08	Salivary Gland	4	0.9	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	2.7	3.2	0.0	5.5	0.0	0.0	0.6	0.6	0.9	0.066
C09-C10	Oropharynx	3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	3.5	0.0	7.5	0.0	0.4	0.4	0.8	0.065
C11	Nasopharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.010
C12-C13	Hypopharynx	9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.0	2.7	0.0	3.5	11.1	15.0	8.5	1.3	1.3	1.7	0.181
C14	Pharynx unsp	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.016
C15	Oesophagus	24	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	4.1	10.8	9.7	21.1	16.6	15.0	17.0	3.6	3.4	7.3	0.405
C16	Stomach	43	10.1	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	5.9	6.1	13.5	29.1	42.1	22.1	37.6	8.5	6.4	6.0	13.7	0.788
C17	Small Intestine	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.026
C18	Colon	18	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	2.0	2.0	8.1	6.5	7.0	16.6	7.5	17.0	2.7	2.5	4.6	0.277
C19-C20	Rectum	12	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.1	5.4	3.2	3.5	16.6	7.5	0.0	1.8	1.7	3.3	0.222
C21	Anus & Anal canal	3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.4	0.4	0.8	0.057
C22	Liver etc.,	22	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.0	2.7	19.4	10.5	11.1	37.6	17.0	3.3	3.1	5.5	0.436
C23-C24	Gall Bladder etc.	7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.7	3.2	3.5	11.1	7.5	0.0	1.0	1.0	1.7	0.150
C25	Pancreas	9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	2.0	0.0	2.7	3.2	0.0	5.5	7.5	8.5	1.3	1.2	2.0	0.134
C26	Other G.I Tract	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.010
C30-C31	Nasal Cavity etc.	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.7	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.024
C32	Larynx	24	5.6	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	4.0	4.1	5.4	6.5	21.1	27.7	30.1	0.0	3.6	3.4	6.0	0.501
C33-C34	Lung	41	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	12.3	24.3	22.7	21.1	33.2	15.0	25.5	6.1	5.7	12.7	0.660
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	6	1.4	0.0	0.0	1.7	1.7	0.0	0.0	0.0	0.0	2.0	2.0	2.7	3.2	0.0	0.0	0.0	0.0	0.9	0.8	1.6	0.066
C43	Melanoma of Skin	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	7.5	0.0	0.3	0.3	0.5	0.055
C44	Skin - others	14	3.3	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.9	0.0	4.1	5.4	6.5	10.5	5.5	7.5	8.5	2.1	1.9	4.2	0.216
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	9	2.1	0.0	0.0	0.0	0.0	1.7	0.0	1.9	0.0	2.0	0.0	8.1	0.0	3.5	0.0	7.5	8.5	1.3	1.2	2.1	0.124
C50	Breast	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.9	0.027
C60	Penis	6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	5.4	0.0	7.0	0.0	7.5	0.0	0.9	0.8	2.1	0.109
C61	Prostate	12	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	7.0	16.6	15.0	33.9	1.8	1.9	1.3	0.209
C62	Testis	2	0.5	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.025
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.0	0.0	3.2	3.5	0.0	0.0	8.5	0.7	0.7	1.6	0.054
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	18	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	14.0	16.6	15.0	67.9	2.7	2.9	2.2	0.242
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.2	0.2	0.0	0.000
C70-C72	Brain & CNS	6	1.4	0.0	0.0	0.0	1.7	0.0	1.7	0.0	0.0	2.0	2.0	2.7	0.0	3.5	0.0	0.0	0.0	0.9	0.8	1.7	0.068
C73	Thyroid	7	1.6	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	2.7	3.2	10.5	0.0	0.0	8.5	1.0	1.0	2.2	0.091
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	1	0.2	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.008
C81	Hodgkin Disease	4	0.9	0.0	2.1	1.7	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.7	0.038
C82-86,96	Non-Hodg Lymphoma	9	2.1	0.0	0.0	0.0	0.0	1.7	1.7	1.9	0.0	2.0	4.1	0.0	0.0	0.0	11.1	7.5	0.0	1.3	1.2	1.2	0.150
C90	Multiple Myeloma	3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	3.2	0.0	0.0	7.5	0.0	0.4	0.4	0.8	0.063
C91	Lymphoid Leukaemia	4	0.9	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	8.5	0.6	0.6	0.0	0.044
C92-C94	Myeloid Leukaemia	11	2.6	0.0	2.1	1.7	0.0	0.0	0.0	3.9	1.9	2.0	4.1	0.0	3.2	3.5	0.0	7.5	0.0	1.6	1.5	2.4	0.150
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.5	0.0	0.0	0.0	0.3	0.3	0.8	0.028
C76-80	Primary Uncertain	23	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	5.9	6.1	10.8	13.0	10.5	22.1	7.5	0.0	3.4	3.1	7.5	0.390
TOTAL		426	100.0	0.0	4.3	10.0	5.0	5.2	10.0	13.5	28.7	57.3	85.9	148.4	178.1	256.2	315.4	308.1	271.5	63.8	60.0	113.2	6.882

**No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)**

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.015
C01-C02	Tongue	14	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	6.4	5.6	6.1	6.4	9.7	12.8	0.0	2.1	1.8	4.1	0.245
C03-C06	Mouth	15	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	2.1	5.6	0.0	12.9	4.9	19.2	13.6	2.2	1.9	3.7	0.242
C07-C08	Salivary Gland	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.014
C09-C10	Oropharynx	4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.1	3.2	0.0	6.4	0.0	0.6	0.5	1.3	0.077
C11	Nasopharynx	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.4	0.020
C12-C13	Hypopharynx	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.1	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.029
C14	Pharynx unsp	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.2	0.1	0.4	0.016
C15	Oesophagus	7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.1	0.0	0.0	6.4	0.0	6.4	13.6	1.0	0.9	1.6	0.084
C16	Stomach	22	3.9	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	7.6	4.3	5.6	0.0	19.3	14.6	12.8	13.6	3.3	2.9	5.7	0.329
C17	Small Intestine	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	3.2	0.0	6.4	0.0	0.5	0.4	0.8	0.059
C18	Colon	13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.1	8.4	3.1	9.7	9.7	12.8	0.0	1.9	1.7	3.8	0.238
C19-C20	Rectum	7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	6.1	6.4	0.0	0.0	0.0	1.0	0.9	2.9	0.095
C21	Anus & Anal canal	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.2	0.1	0.4	0.016
C22	Liver etc.,	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	4.9	0.0	6.8	0.5	0.4	0.4	0.040
C23-C24	Gall Bladder etc.	8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	5.6	0.0	6.4	14.6	0.0	0.0	1.2	1.1	2.1	0.143
C25	Pancreas	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.014
C26	Other G.I Tract	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.010
C30-C31	Nasal Cavity etc.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.008
C32	Larynx	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.3	0.3	0.8	0.032
C33-C34	Lung	11	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	6.1	9.7	4.9	12.8	0.0	1.6	1.5	3.4	0.209
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	2	0.4	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.3	0.3	0.0	0.041
C43	Melanoma of Skin	10	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	6.4	19.5	0.0	0.0	1.5	1.4	2.6	0.186
C44	Skin - others	7	1.2	0.0	0.0	0.0	1.9	0.0	0.0	0.0	1.7	0.0	2.1	0.0	0.0	0.0	14.6	0.0	6.8	1.0	1.0	0.7	0.102
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	5	0.9	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	2.1	2.8	3.1	0.0	0.0	0.0	0.0	0.8	0.7	1.3	0.059
C50	Breast	151	26.9	0.0	0.0	0.0	0.0	1.8	3.3	11.2	30.4	22.9	68.4	67.1	58.2	54.8	63.4	25.6	20.4	22.6	19.1	49.0	2.014
C51	Vulva	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.2	0.1	0.0	0.024
C52	Vagina	4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	2.1	2.8	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.6	0.043
C53	Cervix	115	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	22.9	49.2	36.3	52.1	58.0	68.2	32.0	27.2	17.2	14.7	37.0	1.655
C54	Corpus Uteri	15	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	1.9	2.1	8.4	0.0	6.4	19.5	6.4	6.8	2.2	2.0	3.6	0.241
C55	Uterus unsp.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C56	Ovary	34	6.1	2.5	0.0	0.0	1.9	0.0	0.0	0.0	5.1	3.8	12.8	8.4	27.6	12.9	14.6	12.8	0.0	5.1	4.5	10.8	0.511
C57	Oth female Genital	3	0.5	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	3.1	0.0	0.0	0.0	0.0	0.5	0.4	0.8	0.035
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	5	0.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	3.1	3.2	0.0	6.4	0.0	0.8	0.7	1.2	0.084
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.8	0.0	0.0	4.9	19.2	0.0	0.9	0.8	0.9	0.145
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	12	2.1	0.0	2.3	1.9	1.9	0.0	0.0	0.0	3.4	0.0	6.4	5.6	3.1	0.0	4.9	0.0	0.0	1.8	1.7	3.2	0.147
C73	Thyroid	28	5.0	0.0	0.0	0.0	1.9	3.5	3.3	3.7	8.4	5.7	4.3	5.6	12.3	12.9	4.9	0.0	0.0	4.2	3.5	7.7	0.332
C74	Adrenal Gland etc.,	1	0.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.013
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.009
C82-86,96	Non-Hodg Lymphoma	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.1	5.6	0.0	3.2	4.9	0.0	0.0	0.9	0.8	2.1	0.089
C90	Multiple Myeloma	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.031
C91	Lymphoid Leukaemia	6	1.1	7.5	0.0	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.9	1.4	0.4	0.073
C92-C94	Myeloid Leukaemia	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	3.1	0.0	0.0	0.0	6.8	0.5	0.4	0.8	0.025
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	24	4.3	0.0	2.3	1.9	1.9	0.0	0.0	0.0	5.1	7.6	10.7	8.4	3.1	12.9	4.9	0.0	0.0	3.6	3.2	7.9	0.294
TOTAL		561	100.0	12.5	6.9	7.5	15.6	8.8	6.7	18.7	77.6	91.7	194.6	215.2	208.2	270.6	292.5	198.1	115.6	84.1	73.4	166.9	7.804

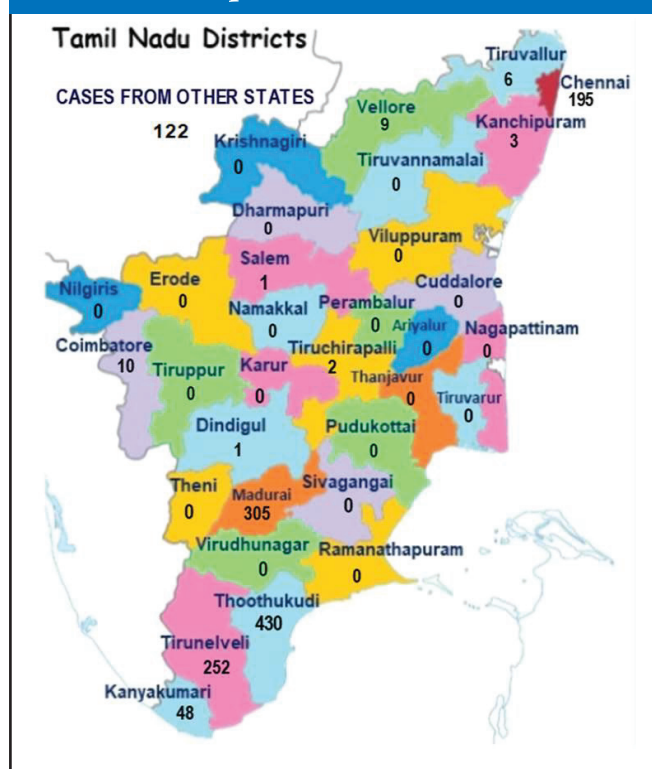
Residence District: Thoothukudi

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	514	632	606	555	636	639	655	672	689
FEMALE	749	890	671	647	748	668	643	619	594
TOTAL	1263	1522	1277	1202	1384	1307	1298	1291	1283

Year - 2016

New Cases - 1384

No. of Cases Reported from the Source District



No. of Cases by Major Sources

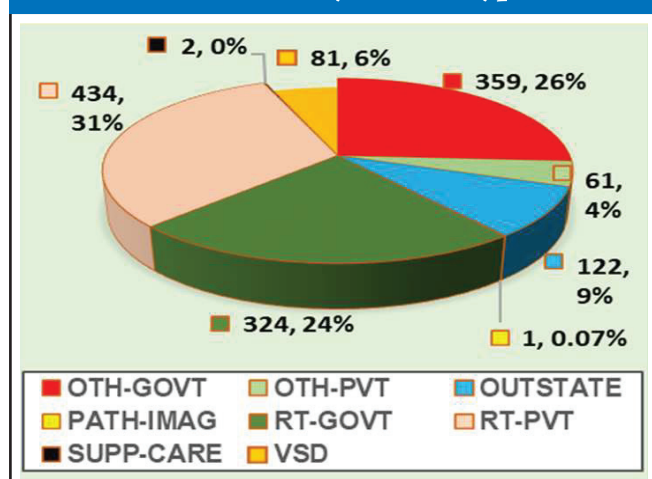
SOURCE NAME	DISTRICT	No.
Govt. Thoothukudi Med. Coll. &	Thoothukudi	311
Govt. Tirunelveli Med. Coll. H	Tirunelveli	245
Meenakshi Mission Hosp. & Res.	Madurai	187
Cancer Institute (WIA) - Adyar	Chennai	131
RCC_TV RM	Trivandrum	111
DPH - THOO	Thoothukudi	77
RCC Govt. Rajaji Hosp.	Madurai	51
International Cancer Centre Ne	Kanyakumari	36
Devaki Mult. Spl. Hosp.	Madurai	24
Velammal Med.Coll. Hosp. & Res	Madurai	17
Guru Cancer Centre	Madurai	15
Rajiv Gandhi Govt. General Hos	Chennai	14
GH Tiruchendur	Thoothukudi	10
Christian Med. Coll. Hosp.	Vellore	9
GH Kovilpatti	Thoothukudi	9
JIPMER	Pondicherry	7
Apollo Mult. Spl. Hosp.	Madurai	7
Apollo Hosp. Greaves Road	Chennai	7
GH Vilathikulam	Thoothukudi	6
Bellpins Indirani Chelladurai	Tirunelveli	6

As per 2011 census

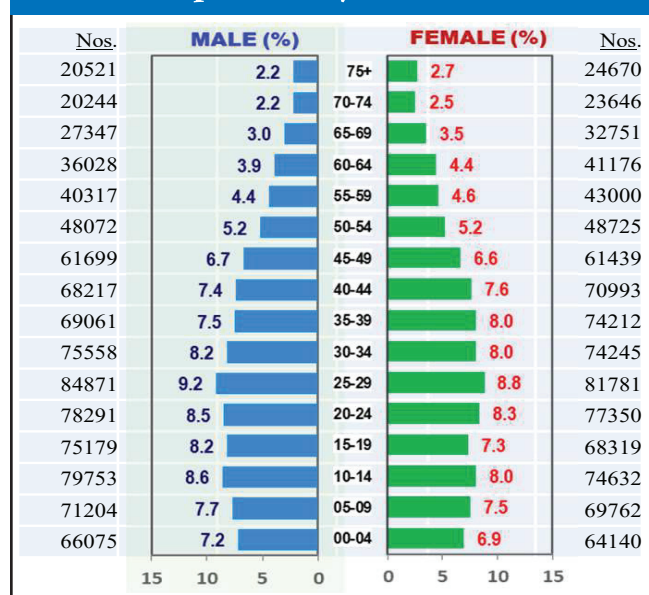
AREA (km²) : 4745

URBAN - RURAL (Ratio) 1 : 1

No. of Cases by Source Type



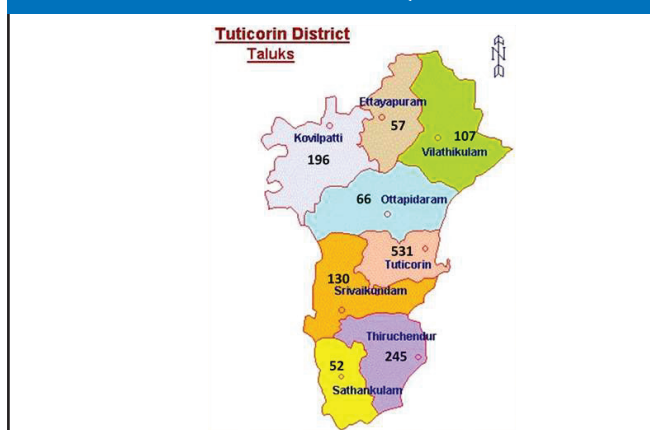
Population Pyramid 2016



Residence District: Thoothukudi

Year: 2016

No. of New Cases by Taluks

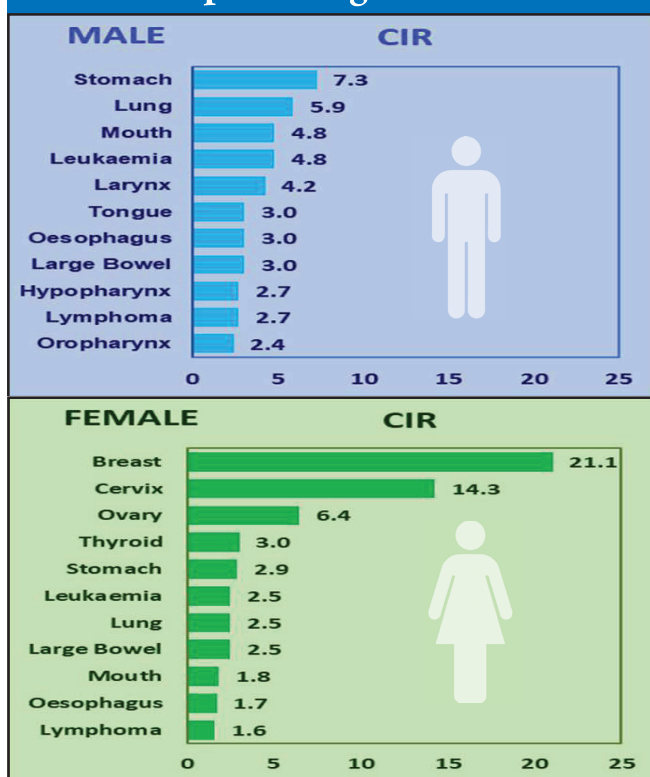


Cancer Incidence Statistics

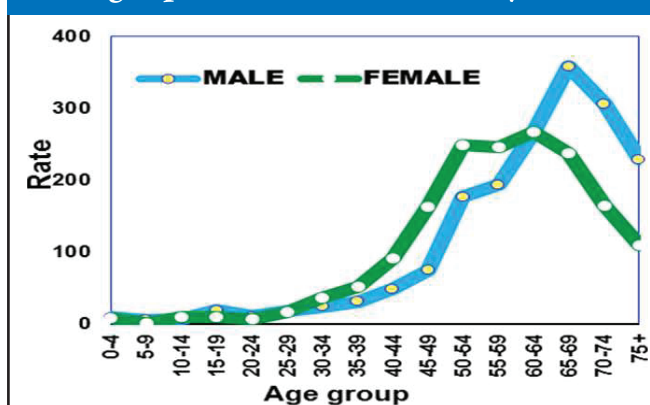
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	636	748	1384
%	46.0	54.0	100.0
CIR	68.9	80.4	74.7
CR% (0-74 YEARS)	7.439	7.489	7.431
ASR	65.4	70.6	67.8

A total of 1,384 new cancers, diagnosed in year 2016, were registered among 1.85 million population with a female (748) preponderance (1:1.18). Almost one-third of the cases were registered from hospitals in Thoothukudi (31.1%) followed by those located in Madurai (22%) and Tirunelveli (18.2%) districts. A majority were first diagnosed and/or registered for TNCRP at the Government Medical College Hospitals in Thoothukudi (22.5%) and Tirunelveli (17.7%) followed by Meenakshi Mission Hospital, Madurai (13.5%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (31%); cases registered based on a death certificate only were 6%. The average annual crude incidence rate (CIR) per 100,000 population for all cancers together was higher among women (80.4) than men (68.9). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 13. The number of cases of all cancers together were the highest in 35-64 years age-group (65%) while the peak incidence rate was observed in 60-64 years age group for women and 65-69 years among men. The most common cancer among men were stomach (CIR:7.3), lung (5.9) and mouth (4.8); among women, the top ranking cancers were breast (21.1), cervix (14.3), ovary (6.4) and thyroid (3.0). The new cancer burden was estimated as 1,283 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	15	6.9	13	6.2
15-34	55	17.5	51	16.9
35-64	359	111.0	540	159.0
65+	207	303.9	144	177.6

CIR, ASR, other rates are per 1,00,000 population

Male, Thoothukudi, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.9	0.0	0.2	0.2	0.3	0.035
C01-C02	Tongue	28	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.9	3.2	12.5	7.4	19.4	18.3	9.9	0.0	3.0	2.9	7.0	0.376
C03-C06	Mouth	44	6.9	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.4	2.9	6.5	16.6	7.4	19.4	25.6	14.8	34.1	4.8	4.5	8.3	0.487
C07-C08	Salivary Gland	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	14.8	0.0	0.4	0.4	0.3	0.085
C09-C10	Oropharynx	22	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	6.2	9.9	19.4	18.3	4.9	4.9	2.4	2.3	5.1	0.302
C11	Nasopharynx	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	2.1	0.0	2.8	0.0	0.0	0.0	0.3	0.3	0.7	0.031
C12-C13	Hypopharynx	25	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	16.6	7.4	11.1	7.3	24.7	4.9	2.7	2.6	5.7	0.352
C14	Pharynx unsp	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.2	0.2	0.0	0.049
C15	Oesophagus	28	4.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.5	4.9	8.3	7.4	8.3	25.6	19.8	9.7	3.0	2.9	4.6	0.385
C16	Stomach	67	10.5	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.4	5.9	14.6	14.6	24.8	44.4	40.2	29.6	9.7	7.3	6.9	15.5	0.880
C17	Small Intestine	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	2.5	2.8	0.0	0.0	0.0	0.4	0.4	1.2	0.041
C18	Colon	13	2.0	0.0	0.0	0.0	1.3	0.0	1.2	1.3	1.4	0.0	6.5	2.1	2.5	5.6	3.7	0.0	0.0	1.4	1.3	2.9	0.128
C19-C20	Rectum	15	2.4	0.0	0.0	0.0	0.0	0.0	1.2	1.3	1.4	2.9	1.6	6.2	2.5	2.8	7.3	4.9	4.9	1.6	1.5	2.8	0.161
C21	Anus & Anal canal	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C22	Liver etc.,	14	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	0.0	2.1	5.0	2.8	11.0	24.7	0.0	1.5	1.4	1.9	0.242
C23-C24	Gall Bladder etc.	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.5	2.8	0.0	0.0	0.0	0.3	0.3	1.0	0.036
C25	Pancreas	13	2.0	0.0	0.0	0.0	0.0	1.3	0.0	1.3	2.9	1.5	3.2	0.0	2.5	2.8	7.3	4.9	4.9	1.4	1.3	2.2	0.139
C26	Other G.I Tract	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C30-C31	Nasal Cavity etc.	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.5	0.0	0.0	0.0	4.9	0.3	0.3	0.7	0.022
C32	Larynx	39	6.1	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	2.9	1.6	12.5	24.8	13.9	21.9	14.8	24.4	4.2	4.0	7.9	0.468
C33-C34	Lung	54	8.5	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.4	1.5	14.6	12.5	27.3	8.3	54.9	14.8	14.6	5.9	5.5	10.0	0.688
C37-C39	Oth Respiratory syst	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	4.9	0.0	0.3	0.3	0.7	0.046
C40-C41	Bone	9	1.4	0.0	0.0	0.0	2.7	0.0	2.4	2.6	0.0	0.0	0.0	4.2	0.0	2.8	0.0	0.0	0.0	1.0	0.9	1.0	0.073
C43	Melanoma of Skin	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.1	0.1	0.4	0.014
C44	Skin - others	9	1.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	1.6	4.2	2.5	0.0	0.0	9.9	0.0	1.0	1.0	1.9	0.113
C45	Mesothelioma	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.1	0.1	0.0	0.018
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	5	0.8	0.0	0.0	0.0	0.0	1.3	1.2	0.0	2.9	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.5	0.5	0.6	0.045
C50	Breast	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
C60	Penis	12	1.9	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	2.9	4.9	2.1	2.5	2.8	3.7	4.9	4.9	1.3	1.2	2.5	0.125
C61	Prostate	15	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.5	19.4	11.0	4.9	9.7	1.6	1.6	3.2	0.200
C62	Testis	8	1.3	1.5	0.0	0.0	0.0	2.6	1.2	4.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8	0.3	0.053
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	13	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	7.4	5.6	7.3	4.9	4.9	1.4	1.4	3.0	0.168
C65	Renal Pelvis	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.1	0.1	0.0	0.018
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	18	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.6	0.0	5.0	8.3	14.6	9.9	19.5	2.0	1.8	2.6	0.212
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	16	2.5	0.0	0.0	1.3	0.0	2.6	0.0	1.3	0.0	4.4	0.0	6.2	2.5	8.3	3.7	0.0	4.9	1.7	1.6	3.3	0.151
C73	Thyroid	11	1.7	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	4.2	5.0	5.6	3.7	4.9	4.9	1.2	1.1	2.0	0.128
C74	Adrenal Gland etc.,	1	0.2	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	2	0.3	0.0	0.0	0.0	1.3	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.013
C82-86,96	Non-Hodg Lymphoma	23	3.6	0.0	1.4	0.0	1.3	0.0	2.4	0.0	0.0	2.9	1.6	6.2	2.5	5.6	25.6	9.9	4.9	2.5	2.4	2.9	0.297
C90	Multiple Myeloma	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	2.1	0.0	2.8	0.0	0.0	0.0	0.3	0.3	1.0	0.032
C91	Lymphoid Leukaemia	23	3.6	4.5	4.2	2.5	5.3	0.0	1.2	2.6	0.0	0.0	1.6	0.0	0.0	8.3	7.3	4.9	4.9	2.5	2.8	1.4	0.213
C92-C94	Myeloid Leukaemia	21	3.3	1.5	0.0	0.0	5.3	0.0	1.2	1.3	7.2	1.5	1.6	2.1	5.0	2.8	11.0	0.0	0.0	2.3	2.2	3.3	0.202
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	2.8	0.0	4.9	4.9	0.4	0.4	0.7	0.049
C76-80	Primary Uncertain	51	8.0	0.0	0.0	0.0	1.3	2.6	0.0	0.0	1.4	4.4	0.0	6.2	22.3	22.2	18.3	44.5	48.7	5.5	5.2	7.9	0.615
TOTAL		636	100.0	9.1	5.6	6.3	18.6	10.2	17.7	23.8	30.4	48.4	74.6	176.8	193.5	266.5	358.4	306.3	229.0	68.9	65.4	117.5	7.439

Female, Thoothukudi, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	10	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.4	0.0	4.1	4.7	2.4	3.1	4.2	0.0	1.1	0.9	2.1	0.113
C03-C06	Mouth	17	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	4.7	4.9	9.2	12.7	8.1	1.8	1.6	2.9	0.208
C07-C08	Salivary Gland	5	0.7	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.6	2.1	0.0	2.4	3.1	0.0	0.0	0.5	0.5	1.0	0.052
C09-C10	Oropharynx	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	0.1	0.3	0.012
C11	Nasopharynx	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.2	0.2	0.6	0.019
C12-C13	Hypopharynx	13	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	4.2	3.3	6.2	2.3	4.9	0.0	0.0	4.1	1.4	1.2	3.6	0.111
C14	Pharynx unsp	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.1	0.1	0.0	0.021
C15	Oesophagus	16	2.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	3.3	0.0	9.3	9.7	6.1	4.2	8.1	1.7	1.5	3.1	0.170
C16	Stomach	27	3.6	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.8	6.5	8.2	11.6	9.7	6.1	8.5	8.1	2.9	2.5	6.1	0.281
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	10	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	4.2	1.6	0.0	2.3	9.7	0.0	0.0	0.0	1.1	0.9	2.9	0.096
C19-C20	Rectum	13	1.7	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	0.0	1.6	6.2	2.3	7.3	6.1	4.2	0.0	1.4	1.3	2.8	0.152
C21	Anus & Anal canal	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C22	Liver etc.,	6	0.8	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.3	0.0	1.6	0.0	2.3	2.4	0.0	4.2	0.0	0.6	0.6	1.2	0.066
C23-C24	Gall Bladder etc.	8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	4.7	2.4	0.0	4.2	4.1	0.9	0.8	1.9	0.087
C25	Pancreas	5	0.7	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.8	0.034
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C30-C31	Nasal Cavity etc.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C32	Larynx	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.1	0.0	4.9	0.0	0.0	0.0	0.4	0.4	1.2	0.042
C33-C34	Lung	23	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	4.2	3.3	8.2	7.0	12.1	6.1	4.2	4.1	2.5	2.1	5.8	0.239
C37-C39	Oth Respiratory syst	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.3	0.2	0.5	0.014
C40-C41	Bone	4	0.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.4	0.0	2.1	0.0	2.4	0.0	0.0	0.0	0.4	0.4	0.9	0.036
C43	Melanoma of Skin	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.1	0.1	0.0	0.021
C44	Skin - others	8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.4	0.0	0.0	4.7	7.3	3.1	0.0	0.0	0.9	0.7	1.8	0.089
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.018
C50	Breast	196	26.2	0.0	0.0	0.0	0.0	2.4	9.4	14.8	31.0	61.9	73.9	65.1	53.4	70.2	12.7	16.2	21.1	18.3	48.1	1.955	
C51	Vulva	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	6.1	0.0	0.0	0.3	0.3	0.3	0.043
C52	Vagina	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	6.1	0.0	0.0	0.3	0.3	0.3	0.042
C53	Cervix	133	17.8	0.0	0.0	0.0	0.0	0.0	2.7	2.7	14.1	39.1	45.2	60.5	41.3	48.9	29.6	28.4	14.3	12.5	31.2	1.409	
C54	Corpus Uteri	15	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	4.1	7.0	12.1	6.1	0.0	4.1	1.6	1.4	3.8	0.163
C55	Uterus unsp.	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C56	Ovary	60	8.0	0.0	0.0	1.3	0.0	1.3	6.1	5.4	5.4	5.6	11.4	22.6	16.3	19.4	18.3	8.5	0.0	6.4	5.7	12.6	0.606
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	2	0.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.015
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	0.1	0.3	0.012
C67	Bladder	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0	0.0	2.4	0.0	0.0	0.0	0.3	0.3	0.9	0.027
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	10	1.3	1.6	0.0	0.0	0.0	1.2	2.7	0.0	0.0	3.3	2.1	2.3	2.4	3.1	0.0	0.0	1.1	1.0	1.6	0.092	
C73	Thyroid	28	3.7	0.0	0.0	0.0	2.9	1.3	3.7	2.7	6.7	1.4	1.6	10.3	7.0	4.9	0.0	12.7	0.0	3.0	2.6	5.1	0.276
C74	Adrenal Gland etc.,	2	0.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.016
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.1	0.1	0.0	0.015
C81	Hodgkin Disease	4	0.5	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3	1.4	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.4	0.4	0.5	0.036
C82-86,96	Non-Hodg Lymphoma	11	1.5	0.0	0.0	2.7	0.0	0.0	0.0	2.7	0.0	0.0	3.3	2.1	4.7	0.0	6.1	0.0	0.0	1.2	1.1	1.6	0.107
C90	Multiple Myeloma	3	0.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.4	0.0	0.0	0.0	0.3	0.3	0.6	0.031
C91	Lymphoid Leukaemia	6	0.8	0.0	0.0	0.0	2.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.1	4.2	0.0	0.6	0.6	0.3	0.069
C92-C94	Myeloid Leukaemia	17	2.3	1.6	0.0	1.3	0.0	1.3	0.0	1.3	1.3	1.4	4.9	6.2	4.7	2.4	0.0	8.5	0.0	1.8	1.7	3.4	0.174
C95	Unspeci. Leukaemia	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.012
Oth & Unsp	Others & Unspecified	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.1	0.0	4.9	0.0	0.0	0.0	0.4	0.4	1.3	0.043
C76-80	Primary Uncertain	64	8.6	0.0	0.0	1.3	1.5	0.0	0.0	2.7	5.4	5.6	6.5	20.5	16.3	26.7	21.4	33.8	20.3	6.9	5.9	12.3	0.707
TOTAL		748	100.0	7.8	1.4	9.4	8.8	6.5	15.9	36.4	51.2	91.6	162.8	248.3	246.5	267.2	238.2	164.9	109.5	80.4	70.6	165.5	7.489

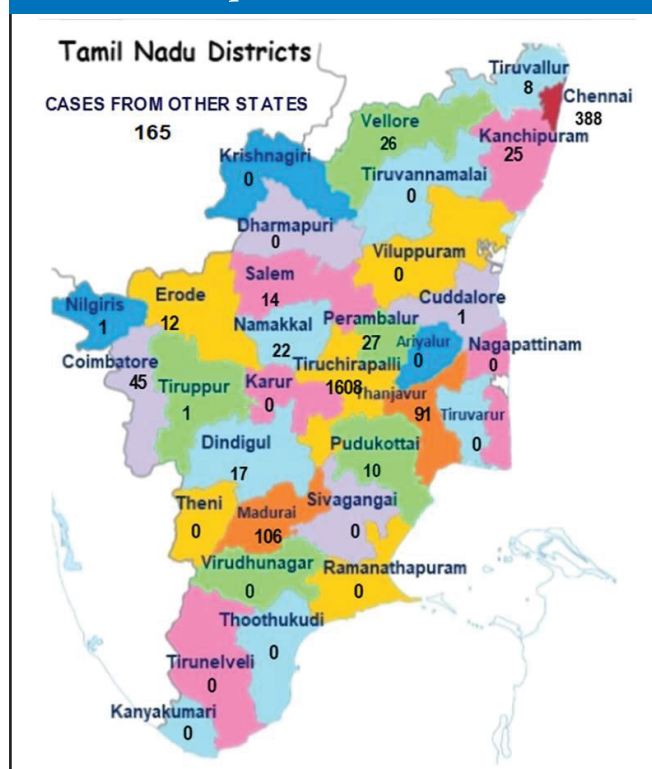
Residence District: Tiruchirapalli

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	761	904	1009	1101	1083	1224	1308	1392	1476
FEMALE	1304	1486	1466	1428	1484	1524	1554	1585	1615
TOTAL	2065	2390	2475	2529	2567	2748	2862	2977	3091

Year - 2016

New Cases - 2567

No. of Cases Reported from the Source District



No. of Cases by Major Sources

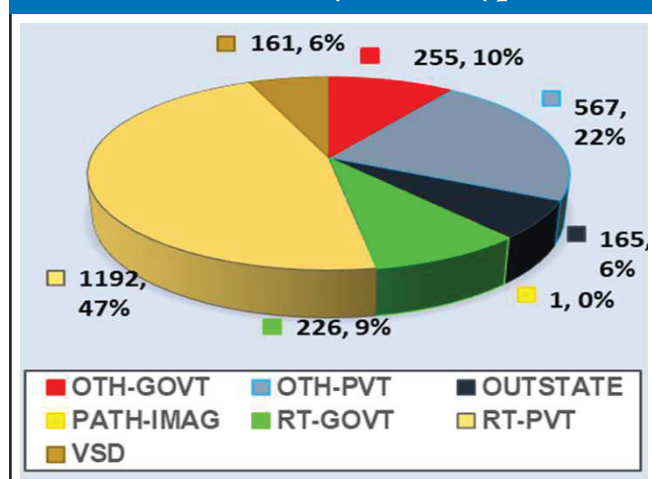
SOURCE NAME	DISTRICT	No.
GVN Hosp. Singarathoppu	Tiruchirapalli	614
Cancer Institute (WIA) - Adyar	Chennai	250
KAP Viswanathan Govt.Med.Coll.	Tiruchirapalli	187
JIPMER	Pondicherry	161
Harshamitra Hosp.	Tiruchirapalli	160
DPH - TRCY	Tiruchirapalli	151
Dr. G Viswanathan Speciality H	Tiruchirapalli	149
Trichy SRM Med. Coll. Hosp. &	Tiruchirapalli	117
Dr. G Viswanathan CBCC Cancer	Tiruchirapalli	81
Kauvery Med. Cent. & HCG Cance	Tiruchirapalli	77
Govt. Thanjavur Med. Coll. Hos	Thanjavur	72
RCC Govt. Rajaji Hosp.	Madurai	67
Rajiv Gandhi Govt. General Hos	Chennai	31
Dhanalakshmi Srinivasan Med. C	Perambalur	25
Christian Med. Coll. Hosp.	Vellore	25
Meenakshi Mission Hosp. & Res.	Madurai	22
G Kuppusamy Naidu Memorial Hos	Coimbatore	21
Thangam Hosp.	Namakkal	21
Tamilnadu Govt Multi Super Spe	Chennai	16
Govt. Royapettah Hosp.	Chennai	16

As per 2011 census

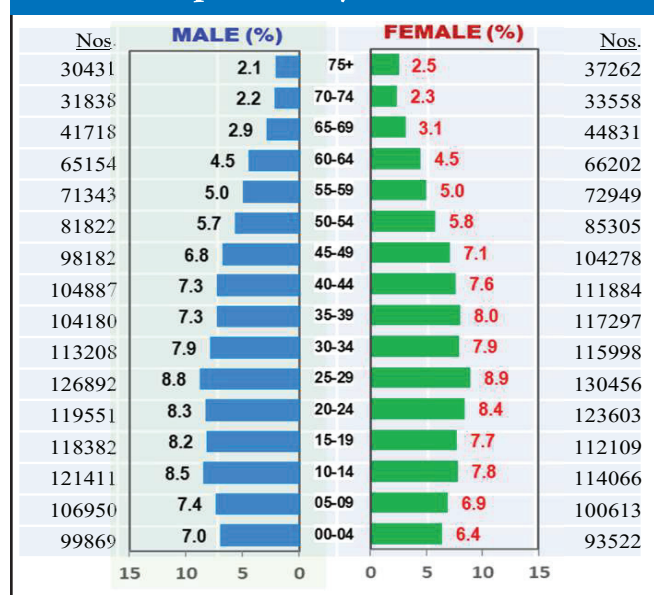
AREA (km²) : 4509

URBAN - RURAL (Ratio) 1 : 1.03

No. of Cases by Source Type



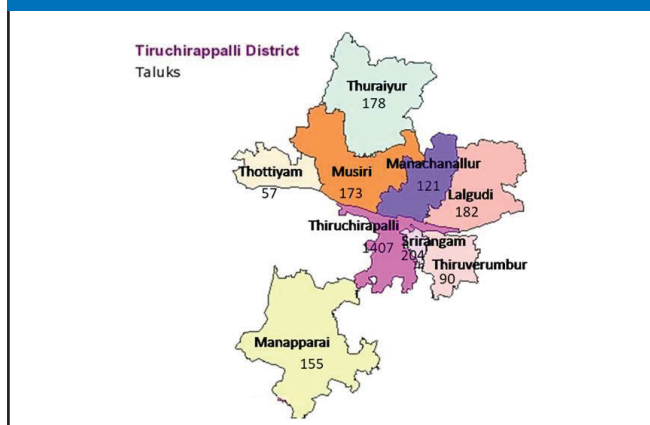
Population Pyramid 2016



Residence District: Tiruchirapalli

Year: 2016

No. of New Cases by Taluks

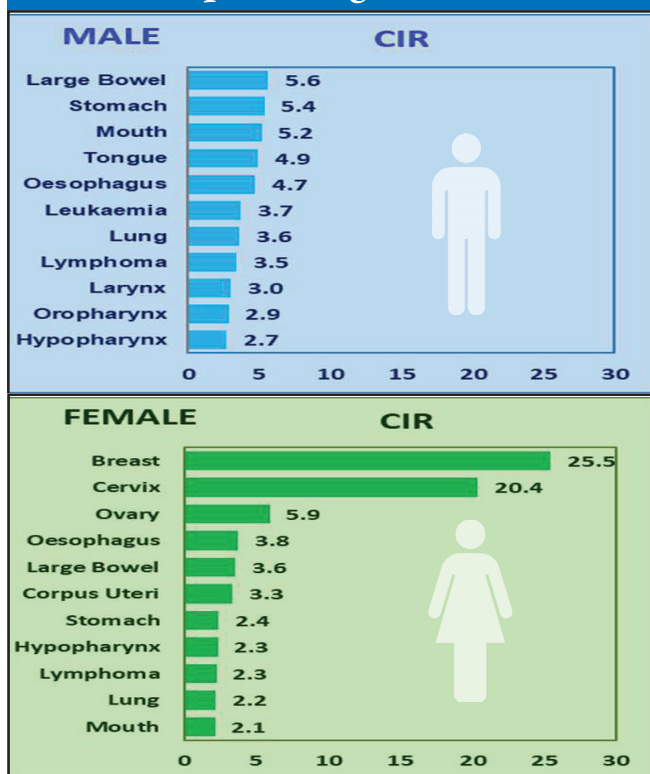


Cancer Incidence Statistics

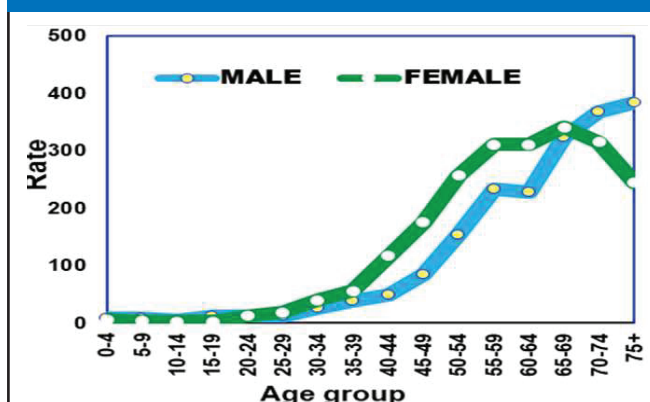
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1083	1484	2567
%	42.2	57.8	100.0
CIR	75.4	101.4	88.5
CR% (0-74 YEARS)	7.523	9.389	8.483
ASR	68.2	86.6	77.6

A total of 2,567 new cancers, diagnosed in year 2016, were registered among 2.9 million population with a female (1,484) preponderance (1:1.37). More than three-fifth of cases were registered from hospitals located in Tiruchirapalli district (62.6%) followed by those in Chennai city (15.1%) and from outside the state (6.4%). A majority were first diagnosed and/or registered at GVN Hospital Singarathope, Tiruchirapalli (23.9%) followed by the Cancer Institute (W.I.A), Chennai (9.7%) and KAP Viswanathan Government Medical College and Hospital, Tiruchirapalli (7.3%). All hospitals with radiotherapy facility in non-government sector together accounted for 47%; cases registered based on a death certificate only comprised 6%. The average annual crude incidence rate (CIR) per 100,000 population for all cancers together was higher among women (101.4) than men (75.4). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 12. The peak incidence rate was observed in 65-69 years of age among women and 75+ years among men. The most common cancers were as follows: Among men, the order was large bowel (CIR:5.6), stomach (5.4) and mouth (5.2); among women, the order was breast (25.5), cervix (20.4) and ovary (5.9). The new cancer burden was estimated as 3,091 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	24	7.3	13	4.2
15-34	72	15.1	89	18.5
35-64	618	117.6	1032	185.0
65+	369	354.9	350	302.6

CIR, ASR, other rates are per 1,00,000 population

Male, Tiruchirapalli, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.2	4.2	0.0	0.0	3.1	0.0	0.4	0.3	0.7	0.047
C01-C02	Tongue	71	6.6	0.0	0.0	0.0	0.8	0.0	0.0	1.8	4.8	6.7	9.2	9.8	15.4	16.9	16.8	22.0	9.9	4.9	4.3	9.7	0.520
C03-C06	Mouth	74	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9	7.6	6.1	15.9	15.4	18.4	21.6	28.3	9.9	5.2	4.6	10.0	0.579
C07-C08	Salivary Gland	14	1.3	0.0	0.0	0.0	0.0	0.8	0.8	0.9	0.0	0.0	3.1	1.2	1.4	4.6	0.0	3.1	6.6	1.0	0.9	1.6	0.080
C09-C10	Oropharynx	41	3.8	0.0	0.0	0.0	0.0	0.0	0.0	2.7	1.9	0.0	4.1	7.3	12.6	13.8	12.0	9.4	0.0	2.9	2.5	5.8	0.319
C11	Nasopharynx	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	4.8	0.0	0.0	0.3	0.3	0.4	0.034
C12-C13	Hypopharynx	39	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.0	6.1	9.8	10.7	19.2	12.6	16.4	2.7	2.5	4.2	0.306
C14	Pharynx unsp	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	9.4	0.0	0.3	0.3	0.0	0.059
C15	Oesophagus	68	6.3	0.0	0.0	0.8	0.0	0.0	0.8	0.0	1.9	1.9	6.1	11.0	18.2	12.3	24.0	28.3	23.0	4.7	4.2	7.6	0.525
C16	Stomach	77	7.1	0.0	0.0	0.0	0.0	0.8	0.0	1.8	1.0	1.9	7.1	9.8	18.2	12.3	24.0	50.3	29.6	5.4	4.8	7.4	0.633
C17	Small Intestine	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.2	1.4	1.5	0.0	0.0	0.0	0.3	0.2	0.8	0.026
C18	Colon	33	3.0	0.0	0.0	0.0	0.0	0.8	0.8	1.8	2.9	2.9	5.1	3.7	5.6	7.7	9.6	15.7	3.3	2.3	2.0	4.2	0.265
C19-C20	Rectum	48	4.4	0.0	0.0	0.0	0.0	0.8	0.8	1.8	2.9	1.9	3.1	7.3	4.2	10.7	16.8	25.1	16.4	3.3	3.0	4.6	0.376
C21	Anus & Anal canal	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.8	3.1	0.0	0.0	0.0	0.3	0.3	1.0	0.034
C22	Liver etc.,	18	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.2	4.2	0.0	12.0	6.3	16.4	1.3	1.2	1.1	0.129
C23-C24	Gall Bladder etc.	15	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4	4.2	6.1	4.8	3.1	6.6	1.0	0.9	1.9	0.108
C25	Pancreas	17	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	4.9	8.4	1.5	2.4	0.0	6.6	1.2	1.0	2.6	0.100
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.1	0.1	0.0	0.016
C30-C31	Nasal Cavity etc.	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.1	0.0	0.0	0.0	0.3	0.2	0.8	0.030
C32	Larynx	43	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.8	1.0	5.1	4.9	11.2	9.2	9.6	18.9	9.9	3.0	2.6	5.3	0.326
C33-C34	Lung	52	4.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.9	4.1	11.0	14.0	9.2	19.2	22.0	13.2	3.6	3.2	6.1	0.415
C37-C39	Oth Respiratory syst	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.010
C40-C41	Bone	14	1.3	0.0	0.0	0.8	1.7	1.7	1.6	0.0	1.0	0.0	2.0	1.2	0.0	1.5	2.4	3.1	0.0	1.0	0.9	1.0	0.085
C43	Melanoma of Skin	8	0.7	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	1.2	1.4	1.5	4.8	0.0	6.6	0.6	0.5	0.6	0.049
C44	Skin - others	18	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.0	2.4	2.8	3.1	9.6	6.3	9.9	1.3	1.1	1.5	0.136
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	17	1.6	0.0	0.9	0.8	1.7	0.0	0.0	0.0	0.0	0.0	2.0	3.7	1.4	3.1	9.6	3.1	0.0	1.2	1.2	1.6	0.132
C50	Breast	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.0	1.5	0.0	0.0	0.0	0.2	0.2	0.6	0.019
C60	Penis	10	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	4.9	0.0	4.6	4.8	0.0	0.0	0.7	0.6	1.4	0.076
C61	Prostate	29	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	4.2	6.1	12.0	15.7	32.9	2.0	1.9	1.7	0.201
C62	Testis	11	1.0	0.0	0.0	0.0	0.0	1.7	1.6	1.8	0.0	1.9	0.0	0.0	2.8	0.0	0.0	0.0	3.3	0.8	0.7	0.7	0.049
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	18	1.7	1.0	0.9	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.0	2.4	4.2	7.7	2.4	0.0	6.6	1.3	1.2	2.3	0.108
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	15	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.4	1.4	1.5	7.2	6.3	16.4	1.0	1.0	1.0	0.099
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.011
C70-C72	Brain & CNS	25	2.3	2.0	1.9	0.0	0.8	0.0	0.8	1.8	0.0	1.0	1.0	1.2	5.6	6.1	7.2	6.3	3.3	1.7	1.7	2.1	0.179
C73	Thyroid	9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.0	1.2	1.4	0.0	4.8	6.3	0.0	0.6	0.6	0.8	0.083
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	18	1.7	0.0	0.9	0.0	3.4	1.7	0.8	0.0	2.9	1.0	2.0	1.2	0.0	1.5	0.0	0.0	6.6	1.3	1.2	1.5	0.077
C82-86,96	Non-Hodg Lymphoma	31	2.9	0.0	0.0	0.0	0.8	0.0	0.8	0.0	4.8	1.9	1.0	2.4	2.8	12.3	9.6	15.7	0.0	2.2	1.9	3.8	0.261
C90	Multiple Myeloma	22	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	0.0	4.9	9.8	1.5	4.8	3.1	16.4	1.5	1.3	2.4	0.130
C91	Lymphoid Leukaemia	25	2.3	4.0	3.7	0.8	1.7	2.5	0.8	0.0	1.9	1.9	1.0	1.2	1.4	0.0	2.4	0.0	6.6	1.7	2.0	1.3	0.117
C92-C94	Myeloid Leukaemia	28	2.6	1.0	0.0	0.8	0.0	0.0	1.6	1.8	2.9	3.8	3.1	3.7	4.2	6.1	4.8	0.0	0.0	2.0	1.8	3.8	0.169
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	4	0.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.3	0.3	0.6	0.025
C76-80	Primary Uncertain	136	12.6	1.0	0.0	0.8	0.0	0.8	0.0	2.7	3.8	2.9	5.1	18.3	33.6	26.1	38.4	40.8	108.4	9.5	8.6	12.9	0.870
TOTAL		1083	100.0	9.0	8.4	4.9	11.8	11.7	11.8	25.6	39.4	49.6	85.6	154.0	232.7	228.7	323.6	367.5	384.5	75.4	68.2	118.1	7.523

Female, Tiruchirapalli, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	3.0	0.0	0.1	0.1	0.2	0.022
C01-C02	Tongue	26	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.4	4.5	2.9	1.2	5.5	6.0	4.5	3.0	2.7	1.8	1.5	3.8	0.159
C03-C06	Mouth	31	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.7	0.0	1.0	10.6	6.9	6.0	8.9	6.0	8.1	2.1	1.8	3.9	0.208
C07-C08	Salivary Gland	9	0.6	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.9	0.0	1.2	1.4	1.5	4.5	3.0	2.7	0.6	0.5	0.7	0.065
C09-C10	Oropharynx	10	0.7	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.9	0.0	1.9	1.2	1.4	0.0	4.5	0.0	5.4	0.7	0.6	0.9	0.053
C11	Nasopharynx	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	1.2	0.0	0.0	0.0	0.0	2.7	0.3	0.2	0.4	0.015
C12-C13	Hypopharynx	34	2.3	0.0	0.0	0.0	0.0	0.0	0.8	0.9	4.3	1.8	3.8	9.4	2.7	6.0	6.7	6.0	5.4	2.3	2.0	4.6	0.212
C14	Pharynx unsp	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	0.0	0.0	0.0	0.0	2.7	0.2	0.2	0.4	0.009
C15	Oesophagus	55	3.7	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.6	4.5	7.7	11.7	4.1	7.6	13.4	14.9	18.8	3.8	3.2	6.2	0.344
C16	Stomach	35	2.4	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.9	1.8	1.9	4.7	9.6	4.5	11.2	14.9	10.7	2.4	2.0	3.5	0.256
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	23	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.9	1.0	3.5	4.1	6.0	8.9	8.9	5.4	1.6	1.4	2.2	0.176
C19-C20	Rectum	29	2.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	2.6	1.8	0.0	1.2	4.1	3.0	20.1	8.9	2.7	2.0	1.7	2.0	0.230
C21	Anus & Anal canal	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.2	3.0	2.7	0.3	0.2	0.2	0.031
C22	Liver etc.,	8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.0	4.5	3.0	2.7	0.5	0.5	0.7	0.066
C23-C24	Gall Bladder etc.	12	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.9	0.0	4.1	1.5	4.5	6.0	0.0	0.8	0.7	1.5	0.099
C25	Pancreas	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.4	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.016
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.1	0.1	0.0	0.011
C30-C31	Nasal Cavity etc.	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	2.9	0.0	1.4	0.0	2.2	0.0	0.0	0.4	0.3	0.9	0.037
C32	Larynx	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C33-C34	Lung	32	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.8	2.9	2.3	6.9	12.1	15.6	3.0	8.1	2.2	1.9	3.7	0.227
C37-C39	Oth Respiratory syst	4	0.3	1.1	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	0.0	1.4	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.021
C40-C41	Bone	10	0.7	0.0	0.0	0.9	0.9	0.0	1.5	0.0	0.9	0.0	1.0	0.0	2.7	1.5	2.2	0.0	0.0	0.7	0.6	0.9	0.058
C43	Melanoma of Skin	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	1.4	0.0	0.0	3.0	0.0	0.3	0.2	0.6	0.032
C44	Skin - others	21	1.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.9	0.0	2.9	1.2	2.7	4.5	8.9	8.9	8.1	1.4	1.2	1.9	0.154
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	18	1.2	1.1	1.0	0.0	0.0	1.6	0.8	1.7	0.0	1.8	3.8	1.2	2.7	3.0	0.0	0.0	0.0	1.2	1.1	2.0	0.094
C50	Breast	373	25.1	0.0	0.0	0.0	0.0	0.8	6.9	14.5	42.9	50.8	89.1	83.6	83.1	51.3	41.7	45.6	25.5	21.4	56.8	2.296	
C51	Vulva	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	3.0	0.0	6.0	2.7	0.4	0.4	0.6	0.051
C52	Vagina	12	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	4.5	8.9	8.9	2.7	0.8	0.7	0.8	0.119
C53	Cervix	299	20.1	1.1	0.0	0.0	0.0	1.5	1.7	10.2	23.2	42.2	51.6	72.7	77.0	69.2	65.6	29.5	20.4	17.4	42.3	2.059	
C54	Corpus Uteri	49	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.8	8.2	12.3	10.6	24.5	17.9	5.4	3.3	2.9	5.5	0.399
C55	Uterus unsp.	6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.9	1.0	2.3	1.4	0.0	0.0	0.0	0.0	0.4	0.3	0.9	0.032
C56	Ovary	87	5.9	0.0	0.0	0.0	0.0	2.4	0.8	1.7	3.4	6.3	7.7	21.1	28.8	16.6	6.7	14.9	10.7	5.9	5.0	12.6	0.550
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C64	Kidney	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.2	1.4	1.5	0.0	0.0	0.0	0.3	0.3	0.9	0.030
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.0	4.5	2.2	0.0	5.4	0.5	0.5	1.0	0.044
C68	Urethera	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	10	0.7	0.0	0.0	0.9	0.0	0.0	0.8	1.7	0.0	0.9	0.0	0.0	0.0	4.5	2.2	3.0	0.0	0.7	0.6	0.8	0.070
C73	Thyroid	29	2.0	0.0	0.0	0.0	0.0	2.4	3.8	4.3	0.9	1.8	2.9	2.3	4.1	3.0	2.2	3.0	2.7	2.0	1.7	2.4	0.154
C74	Adrenal Gland etc.,	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.015
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	11	0.7	0.0	0.0	0.0	0.0	3.2	0.8	0.0	0.0	0.9	0.0	0.0	1.4	3.0	4.5	0.0	0.0	0.8	0.7	0.7	0.069
C82-86,96	Non-Hodg Lymphoma	22	1.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.9	2.7	3.8	2.3	6.9	1.5	2.2	8.9	2.7	1.5	1.3	2.9	0.150
C90	Multiple Myeloma	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	3.0	2.2	3.0	0.0	0.3	0.3	0.6	0.047
C91	Lymphoid Leukaemia	8	0.5	2.1	2.0	0.9	0.0	0.8	0.0	0.0	0.0	0.9	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.5	0.7	0.4	0.040
C92-C94	Myeloid Leukaemia	22	1.5	1.1	1.0	0.0	0.0	0.8	3.1	0.9	2.6	4.5	2.9	0.0	2.7	1.5	0.0	0.0	0.0	1.5	1.4	2.5	0.105
C95	Unspeci. Leukaemia	2	0.1	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.010
Oth & Unsp	Others &																						

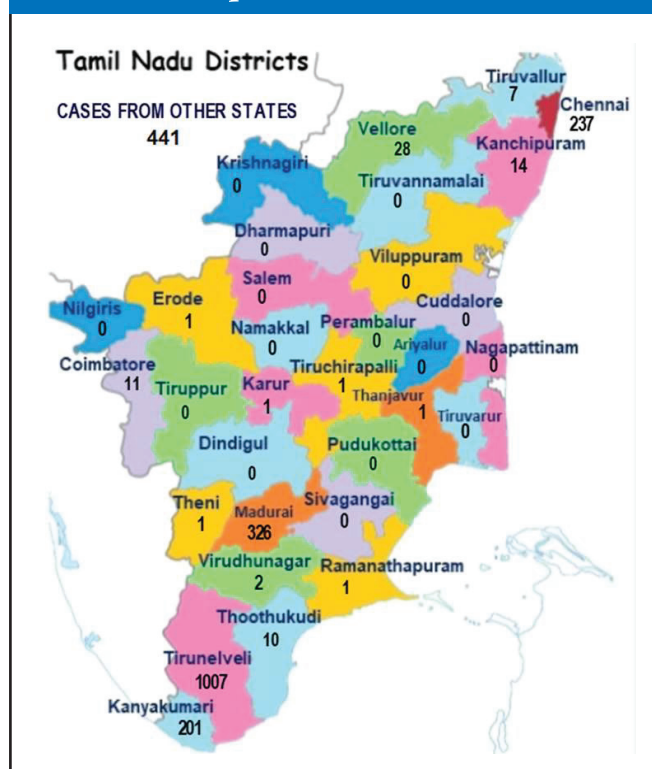
Residence District: Tirunelveli

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	904	1053	867	935	1014	985	995	1006	1016
FEMALE	1079	1334	1090	1163	1276	1255	1278	1300	1322
TOTAL	1983	2387	1957	2098	2290	2240	2273	2306	2338

Year - 2016

New Cases - 2290

No. of Cases Reported from the Source District

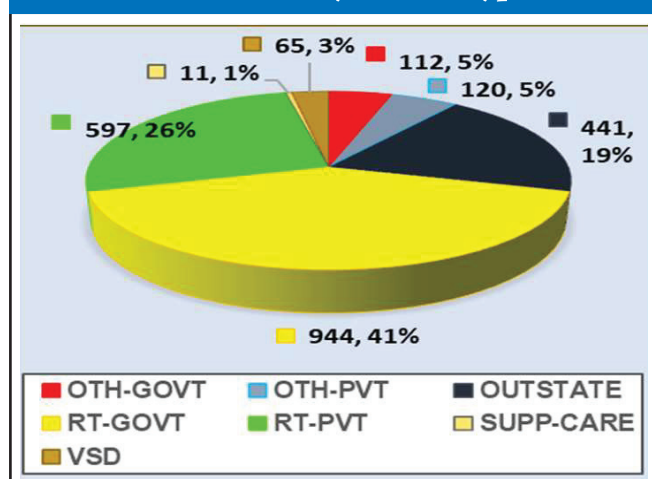


As per 2011 census

AREA (km²) : 6693

URBAN - RURAL (Ratio) 1 : 1.02

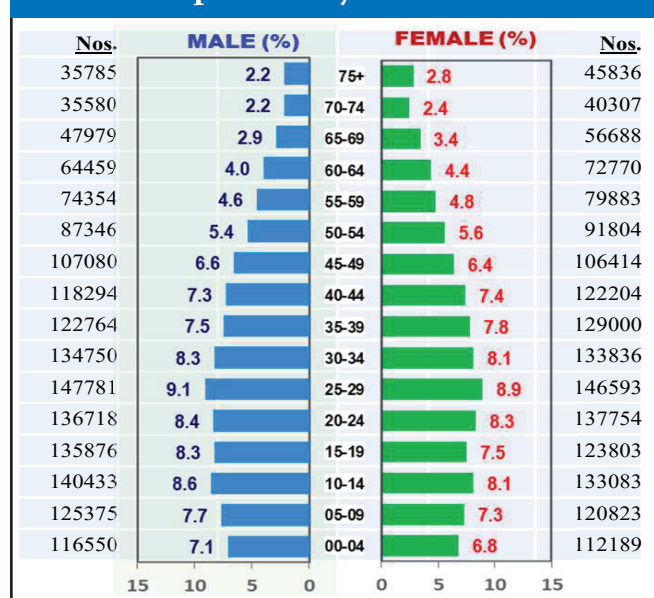
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
Govt. Tirunelveli Med. Coll. H	Tirunelveli	872
RCC_TV RM	Trivandrum	429
Meenakshi Mission Hosp. & Res.	Madurai	176
Cancer Institute (WIA) - Adyar	Chennai	145
International Cancer Centre Ne	Kanyakumari	129
DPH - TNVL	Tirunelveli	56
Devaki Mult. Spl. Hosp.	Madurai	46
Govt. Kanyakumari Med. Coll. H	Kanyakumari	37
RCC Govt. Rajaji Hosp.	Madurai	36
Velammal Med.Coll. Hosp. & Res	Madurai	29
Christian Med. Coll. Hosp.	Vellore	28
Guru Cancer Centre	Madurai	20
Rajiv Gandhi Govt. General Hos	Chennai	17
Apollo Hosp.	Chennai	13
Blessing Cancer Cent.	Kanyakumari	12
DR Jayasekaran M T	Kanyakumari	12
NCD - TNVL	Tirunelveli	11
Bellpins Indirani Chelladurai	Tirunelveli	11
Quality Care Hosp.	Madurai	10
GH Sankarankoil	Tirunelveli	10

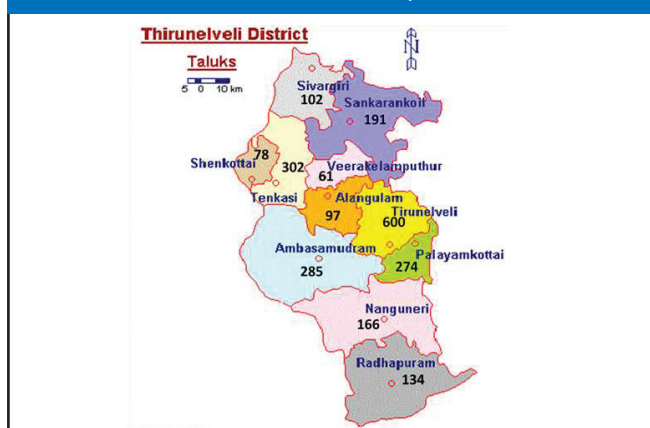
Population Pyramid 2016



Residence District: Tirunelveli

Year: 2016

No. of New Cases by Taluks

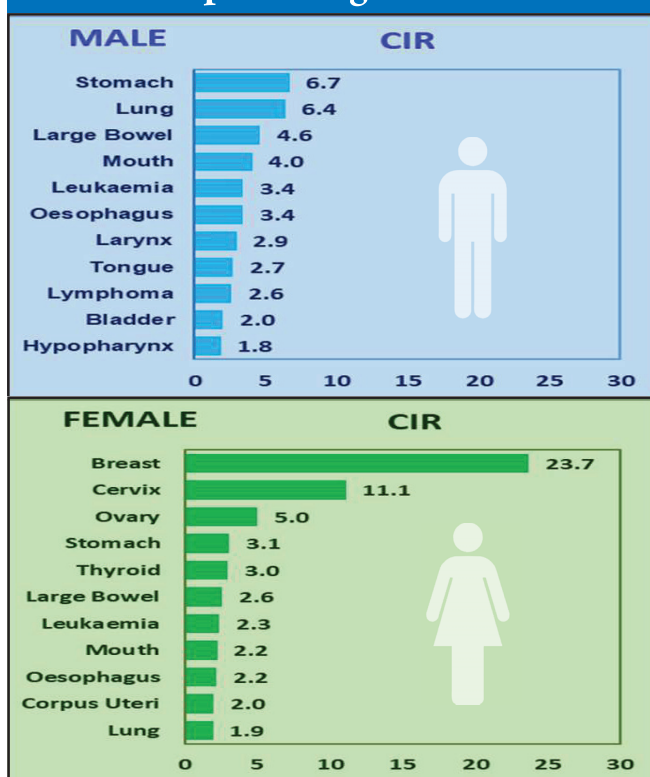


Cancer Incidence Statistics

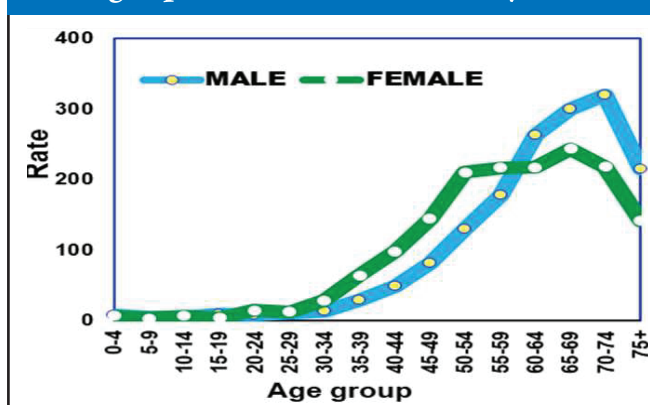
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1014	1276	2290
%	44.3	55.7	100.0
CIR	62.2	77.2	69.7
CR% (0-74 YEARS)	6.820	7.183	6.981
ASR	58.6	66.9	62.6

A total of 2,290 new cancers, diagnosed in year 2016, were registered among 3.28 million population with a female (1,276) preponderance (1:1.26). More than two-fifth of cases were registered from hospitals located in Tirunelveli district (44%) followed by those from outside the state (19.3%) and Madurai district (14.2%) in that order. A majority were first diagnosed and/or registered at the Government Medical College Hospital, Tirunelveli (38.1%) while the Regional Cancer Centre, Trivandrum (18.7%) and Meenakshi Mission Hospital, Madurai (7.7%) were the next in order. All hospitals with radiotherapy facility in government sector together accounted for 41%; cases registered based on a death certificate only comprised 3%. The average annual crude incidence rate (CIR) per 100,000 population for all cancers together was higher among women (77.2) than men (62.2). The cumulative risk of acquiring cancer in one's lifetime Of 0-74 years for both sexes together was one in 14. The number of cases were the highest in 35-64 years age-group (64.9%) while the peak incidence rate was observed in 65-69 years of age among women and 70-74 years among men. The most common cancers were as follows: Among men, the order was stomach (CIR:6.7), lung (6.4), large bowel (4.6) and mouth (4.0); among women, the order was breast (23.7), cervix (11.1), ovary (5.0) and stomach (3.1). The new cancer burden was estimated as 2,338 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	23	6.0	21	5.7
15-34	58	10.4	83	15.3
35-64	598	104.1	881	146.3
65+	335	280.7	291	203.7

CIR, ASR, other rates are per 1,00,000 population

Male, Tirunelveli, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.3	1.6	0.0	0.0	0.0	0.2	0.2	0.7	0.024
C01-C02	Tongue	44	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	2.5	0.9	11.4	8.1	17.1	12.5	8.4	2.8	2.7	2.5	6.1	0.317
C03-C06	Mouth	66	6.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.6	5.9	5.6	4.6	13.5	17.1	12.5	16.9	30.7	4.0	3.7	7.2	0.399
C07-C08	Salivary Gland	6	0.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.7	3.1	0.0	0.0	0.0	0.4	0.4	0.9	0.037
C09-C10	Oropharynx	28	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	8.0	6.7	9.3	10.4	8.4	0.0	1.7	1.6	3.7	0.224
C11	Nasopharynx	9	0.9	0.0	0.0	0.0	1.5	0.0	0.0	0.7	0.0	0.0	0.9	0.0	1.3	1.6	2.1	2.8	2.8	0.6	0.5	0.6	0.055
C12-C13	Hypopharynx	30	3.0	0.0	0.0	0.0	0.0	0.7	1.4	0.0	0.0	0.0	0.0	3.4	2.7	9.3	14.6	14.1	11.2	1.8	1.8	2.1	0.231
C14	Pharynx unsp	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	5.6	0.0	0.2	0.2	0.2	0.036
C15	Oesophagus	55	5.4	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	7.5	5.7	5.4	12.4	16.7	45.0	11.2	3.4	3.2	4.8	0.470
C16	Stomach	109	10.7	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.4	11.0	4.7	19.5	21.5	32.6	33.4	25.3	16.8	6.7	6.2	13.6	0.759
C17	Small Intestine	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.018
C18	Colon	33	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.7	2.8	3.4	4.0	9.3	10.4	19.7	2.8	2.0	1.9	3.6	0.269
C19-C20	Rectum	42	4.1	0.0	0.0	0.0	0.0	0.7	0.0	0.7	1.6	3.4	1.9	11.4	6.7	3.1	20.8	8.4	5.6	2.6	2.4	4.4	0.295
C21	Anus & Anal canal	4	0.4	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0	4.2	0.0	0.0	0.2	0.2	0.2	0.031
C22	Liver etc.,	28	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	4.6	8.1	9.3	6.3	5.6	11.2	1.7	1.6	3.5	0.183
C23-C24	Gall Bladder etc.	12	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.9	2.3	0.0	4.7	2.1	8.4	0.0	0.7	0.7	1.3	0.100
C25	Pancreas	24	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.9	3.4	5.4	6.2	10.4	11.2	2.8	1.5	1.4	2.5	0.196
C26	Other G.I Tract	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.009
C30-C31	Nasal Cavity etc.	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	0.0	2.8	2.8	0.2	0.2	0.4	0.025
C32	Larynx	48	4.7	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.8	1.7	4.7	8.0	6.7	14.0	14.6	16.9	11.2	2.9	2.8	5.4	0.343
C33-C34	Lung	104	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.5	12.1	11.5	16.1	35.7	41.7	28.1	30.7	6.4	6.1	11.7	0.744
C37-C39	Oth Respiratory syst	2	0.2	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.008
C40-C41	Bone	14	1.4	0.9	0.0	0.7	0.0	0.7	0.0	2.2	0.0	0.0	0.9	1.1	2.7	1.6	2.1	2.8	2.8	0.9	0.8	0.9	0.079
C43	Melanoma of Skin	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.1	2.8	0.0	0.2	0.2	0.2	0.032
C44	Skin - others	12	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.7	4.7	4.2	5.6	2.8	0.7	0.7	1.3	0.095
C45	Mesothelioma	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	8	0.8	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	0.0	1.9	1.1	1.3	1.6	2.1	0.0	0.0	0.5	0.5	0.9	0.047
C50	Breast	7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	4.0	3.1	0.0	2.8	0.0	0.4	0.4	1.1	0.054
C60	Penis	17	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	4.7	2.3	2.7	3.1	0.0	5.6	5.6	1.0	0.9	2.3	0.100
C61	Prostate	22	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.7	0.0	12.5	16.9	16.8	1.3	1.3	0.7	0.172
C62	Testis	12	1.2	0.0	0.0	0.0	0.0	0.7	0.7	1.5	0.8	0.8	0.9	0.0	1.3	4.7	0.0	2.8	0.0	0.7	0.7	1.3	0.071
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	17	1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	1.6	0.8	0.9	1.1	4.0	7.8	6.3	0.0	0.0	1.0	1.0	2.4	0.117
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	33	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	4.6	2.7	12.4	18.8	14.1	8.4	2.0	1.9	3.0	0.271
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C70-C72	Brain & CNS	15	1.5	0.0	0.0	0.0	0.7	0.0	1.4	0.0	3.3	1.7	2.8	1.1	1.3	0.0	0.0	0.0	2.8	0.9	0.8	1.9	0.062
C73	Thyroid	16	1.6	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	3.4	1.9	1.1	2.7	3.1	4.2	5.6	0.0	1.0	0.9	1.9	0.113
C74	Adrenal Gland etc.,	1	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	11	1.1	0.0	0.0	0.7	1.5	0.7	0.0	0.0	0.0	0.8	2.8	0.0	4.0	0.0	0.0	0.0	0.0	0.7	0.6	1.2	0.053
C82-86,96	Non-Hodg Lymphoma	31	3.1	1.7	0.8	0.0	1.5	0.7	0.0	0.0	1.6	1.7	0.0	8.0	4.0	4.7	6.3	2.8	11.2	1.9	1.9	3.1	0.169
C90	Multiple Myeloma	14	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	0.0	0.0	2.7	6.2	6.3	0.0	5.6	0.9	0.8	1.6	0.088
C91	Lymphoid Leukaemia	18	1.8	3.4	2.4	0.7	1.5	1.5	0.0	0.0	0.0	1.7	0.0	0.0	4.0	0.0	0.0	0.0	2.8	1.1	1.3	0.8	0.076
C92-C94	Myeloid Leukaemia	32	3.2	0.9	0.0	1.4	0.7	1.5	3.4	1.5	1.6	2.5	5.6	2.3	4.0	0.0	0.0	5.6	2.8	2.0	1.8	2.8	0.155
C95	Unspeci. Leukaemia	5	0.5	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.9	0.0	1.3	0.0	2.1	0.0	0.0	0.3	0.3	0.4	0.029
Oth & Unsp	Others & Unspecified	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C76-80	Primary Uncertain	64	6.3	0.0	0.0	0.0	1.5	0.0	0.7	0.0	1.6	1.7	4.7	5.7	13.5	21.7	20.8	25.3	11.2	3.9	3.7	7.0	0.485
TOTAL		1014	100.0	7.7	4.8	5.7	9.6	8.0	10.8	13.4	29.3	49.0	82.2	130.5	177.5	263.7	300.1	320.4	215.2	62.2	58.6	109.1	6.820

Female, Tirunelveli, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.0	0.0	0.000
C01-C02	Tongue	27	2.1	0.0	0.0	0.0	0.0	0.7	0.0	1.5	0.0	1.6	0.9	7.6	3.8	8.2	1.8	9.9	0.0	1.6	1.4	3.3	0.181
C03-C06	Mouth	37	2.9	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	5.6	3.3	6.3	11.0	14.1	5.0	8.7	2.2	1.9	3.8	0.230
C07-C08	Salivary Gland	5	0.4	0.0	0.0	0.8	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.8	2.5	0.0	0.3	0.3	0.2	0.035
C09-C10	Oropharynx	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.4	1.8	0.0	0.0	0.2	0.2	0.4	0.020
C11	Nasopharynx	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C12-C13	Hypopharynx	18	1.4	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.6	2.5	0.0	2.2	0.0	11.0	3.5	0.0	0.0	1.1	0.9	2.5	0.107
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	36	2.8	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.6	4.1	3.8	5.4	10.0	4.1	1.8	5.0	8.7	2.2	1.8	4.5	0.185
C16	Stomach	51	4.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.9	4.1	4.7	13.1	7.5	6.9	7.1	12.4	2.2	3.1	2.6	6.4	0.309
C17	Small Intestine	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	1.8	0.0	0.0	0.2	0.2	0.5	0.029
C18	Colon	19	1.5	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.8	2.8	4.4	2.5	4.1	3.5	5.0	0.0	1.1	1.0	2.3	0.123
C19-C20	Rectum	24	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.9	5.4	6.3	6.9	8.8	0.0	2.2	1.5	1.3	2.9	0.149
C21	Anus & Anal canal	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	2.2	0.2	0.1	0.3	0.013
C22	Liver etc.,	12	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.9	2.2	1.3	1.4	0.0	5.0	0.0	0.7	0.6	1.7	0.074
C23-C24	Gall Bladder etc.	10	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.9	3.3	0.0	0.0	1.8	5.0	0.0	0.6	0.5	1.2	0.067
C25	Pancreas	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.4	1.8	5.0	2.2	0.4	0.3	0.4	0.046
C26	Other G.I Tract	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	1.4	0.0	0.0	0.0	0.2	0.2	0.5	0.019
C30-C31	Nasal Cavity etc.	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.010
C32	Larynx	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	3.5	0.0	0.0	0.4	0.3	0.7	0.045
C33-C34	Lung	32	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.8	2.8	8.7	6.3	1.4	14.1	7.4	2.2	1.9	1.7	3.4	0.215
C37-C39	Oth Respiratory syst	3	0.2	0.0	0.8	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.2	0.2	0.0	0.008
C40-C41	Bone	8	0.6	0.9	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.3	0.0	1.4	0.0	0.0	0.0	0.5	0.5	0.9	0.039
C43	Melanoma of Skin	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C44	Skin - others	9	0.7	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.1	2.5	0.0	1.8	5.0	4.4	0.5	0.5	0.5	0.055
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	2.5	1.4	1.8	0.0	2.2	0.4	0.4	0.9	0.038
C50	Breast	392	30.7	0.0	0.0	0.0	0.8	0.7	0.0	8.2	24.8	35.2	54.5	69.7	82.6	55.0	72.3	44.7	37.1	23.7	20.3	51.2	2.218
C51	Vulva	7	0.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	1.3	0.0	0.0	0.0	4.4	0.4	0.4	0.7	0.025
C52	Vagina	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.9	1.1	0.0	0.0	0.0	0.0	2.2	0.2	0.2	0.5	0.014
C53	Cervix	184	14.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1	18.8	17.9	36.0	35.1	41.2	44.1	27.3	19.6	11.1	9.6	23.3	1.118
C54	Corpus Uteri	33	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.8	3.3	8.8	8.2	12.4	9.9	2.2	2.0	1.7	3.6	0.235
C55	Uterus unsp.	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.4	0.0	0.0	0.0	0.1	0.1	0.4	0.012
C56	Ovary	83	6.5	0.9	0.0	0.0	1.6	1.5	2.0	3.7	3.9	6.5	7.5	14.2	13.8	15.1	14.1	14.9	0.0	5.0	4.4	9.5	0.498
C57	Oth female Genital	1	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	5	0.4	0.9	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	2.5	2.2	0.3	0.3	0.2	0.026
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.0	0.0	0.000
C67	Bladder	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.9	1.1	0.0	1.4	0.0	2.5	2.2	0.4	0.3	0.5	0.033
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.004
C70-C72	Brain & CNS	20	1.6	0.0	0.8	1.5	0.8	1.5	0.7	0.7	0.0	3.3	1.9	4.4	1.3	0.0	1.8	0.0	0.0	1.2	1.1	1.9	0.093
C73	Thyroid	49	3.8	0.0	0.0	0.0	0.0	2.2	3.4	4.5	6.2	2.5	7.5	4.4	6.3	1.4	7.1	5.0	0.0	3.0	2.5	4.8	0.251
C74	Adrenal Gland etc.,	1	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.003
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C81	Hodgkin Disease	3	0.2	0.0	0.0	0.0	0.0	1.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.011
C82-86.96	Non-Hodg Lymphoma	21	1.6	0.9	0.0	0.8	0.8	0.7	0.7	0.0	0.0	0.0	3.8	2.2	2.5	2.7	5.3	7.4	0.0	1.3	1.2	1.8	0.139
C90	Multiple Myeloma	10	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	0.0	2.2	0.0	2.7	1.8	2.5	2.2	0.6	0.5	1.2	0.058
C91	Lymphoid Leukaemia	9	0.7	1.8	0.8	2.3	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.5	0.7	0.2	0.038
C92-C94	Myeloid Leukaemia	26	2.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	4.7	1.6	2.8	2.2	5.0	1.4	0.0	5.0	4.4	1.6	1.3	2.9	0.128
C95	Unspeci. Leukaemia	4	0.3	0.0	0.8	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	2.2	0.2	0.2	0.2	0.013
Oth & Uns	Others & Unspecified	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.3	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C76-80	Primary Uncertain	83	6.5	0.9	0.0	0.0	0.0	0.7	0.7	0.7	4.7	11.5	11.3	4.4	6.3	11.0	14.1	29.8	21.8	5.0	4.3	8.2	0.478
TOTAL		1276	100.0	7.1	3.3	6.8	4.0	14.5	13.0	29.1	64.3	98.2	144.7	210.2	216.6	217.1	243.4	218.3	141.8	77.2	66.9	149.3	7.183

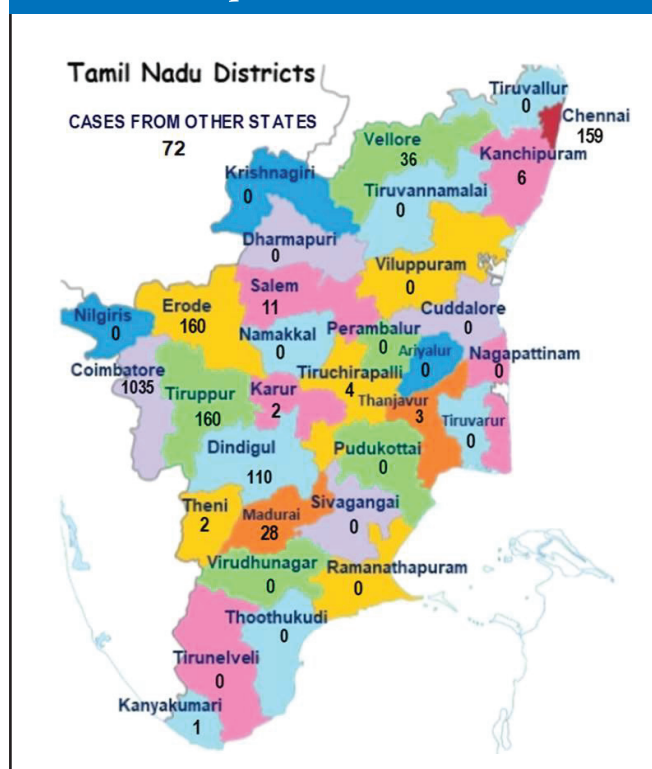
Residence District: Tiruppur

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	700	837	914	934	839	957	995	1032	1070
FEMALE	743	976	1040	1003	950	1075	1119	1163	1207
TOTAL	1443	1813	1954	1937	1789	2032	2114	2195	2277

Year - 2016

New Cases - 1789

No. of Cases Reported from the Source District



No. of Cases by Major Sources

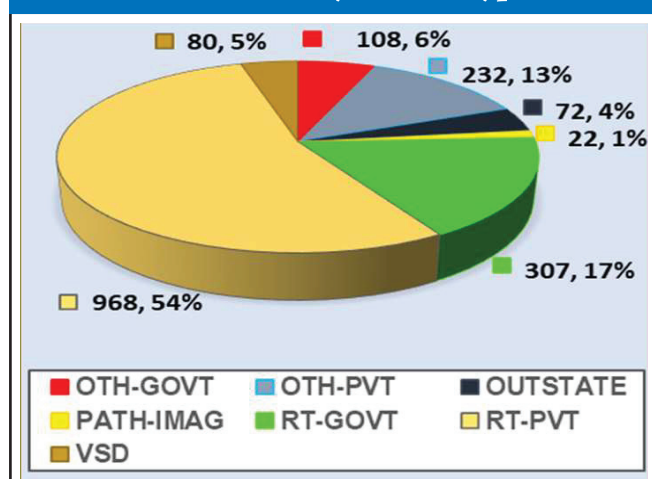
SOURCE NAME	DISTRICT	No.
G Kuppusamy Naidu Memorial H	Coimbatore	295
RCC Coimbatore Govt. Med. Coll.	Coimbatore	262
Erode Cancer Cent.	Erode	133
Sri Ramakrishna Inst. of Oncol	Coimbatore	118
Cancer Institute (WIA) - Adyar	Chennai	112
PSG Inst. of Med. Sciences & R	Coimbatore	109
Kovai Med. Center & Hosp.	Coimbatore	104
Ashwin Hosp.	Coimbatore	87
DPH – TRPR	Tiruppur	76
Christian Hosp. Ambilikkai.	Dindigul	57
Christian Fellowship Hosp. Odd	Dindigul	53
JIPMER	Pondicherry	51
Govt. District Hqtrs. Hosp.	Tiruppur	38
Christian Med. Coll. Hosp.	Vellore	36
GH Udumalpet	Tiruppur	20
Sai Subramanian Lab	Coimbatore	17
GH Dharapuram	Tiruppur	17
RCC Govt. Rajaji Hosp.	Madurai	16
Rajiv Gandhi Govt. General Hos	Chennai	15
VGM Hosp.	Coimbatore	15

As per 2011 census

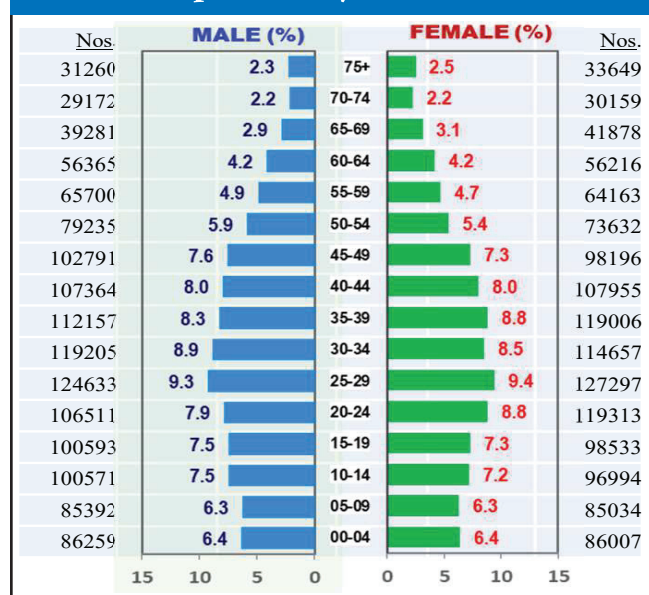
AREA (km²) : 5187

URBAN - RURAL (Ratio) 1 : 0.63

No. of Cases by Source Type



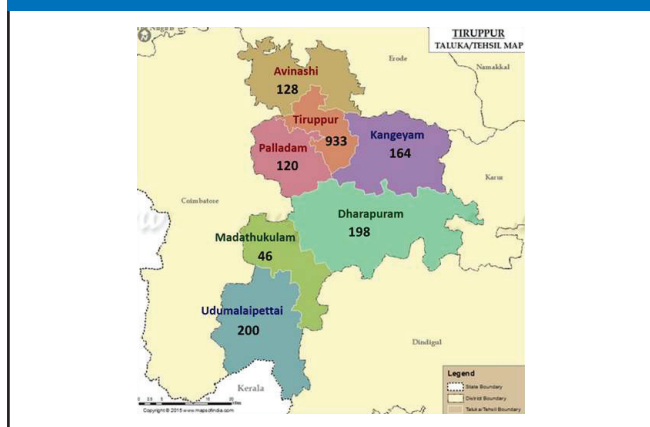
Population Pyramid 2016



Residence District: Tiruppur

Year: 2016

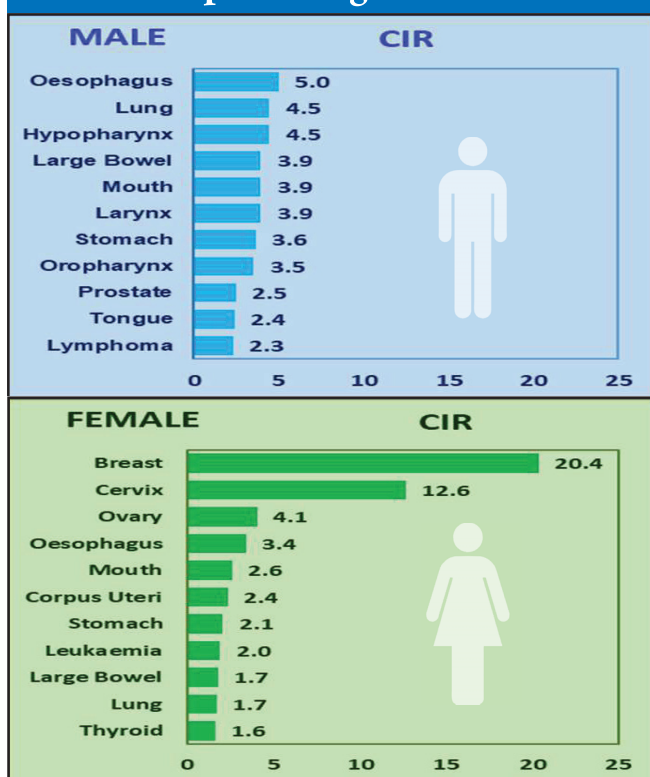
No. of New Cases by Taluks



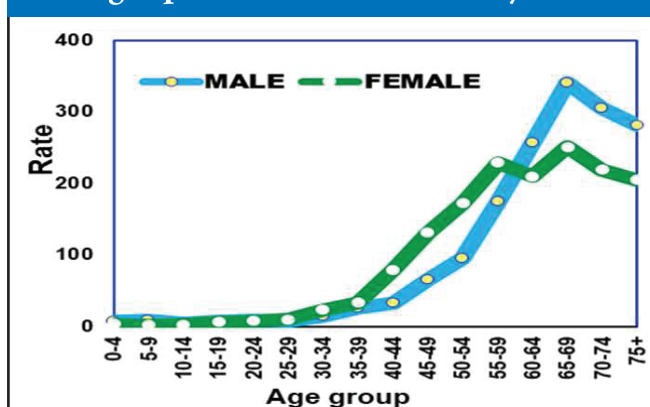
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	839	950	1789
%	46.9	53.1	100.0
CIR	62.3	70.2	66.3
CR% (0-74 YEARS)	6.554	6.677	6.595
ASR	56.4	61.2	58.6

Top Ranking Cancers



Age Specific Incidence Rates by Sex



A total of 1,789 new cancers, diagnosed in year 2016, were registered among 2.5 million population with a female (950) preponderance (1:1.13). Most of the cases were registered from hospitals located in Coimbatore district (57.9%) followed by Tiruppur and Erode districts (8.9%). A majority were first diagnosed and/or registered at G. Kuppusamy Memorial Hospital, Coimbatore (16.5%) followed by the Government Medical College Hospital, Coimbatore (14.6%) and Erode Cancer Centre (7.4%). All hospitals with radiotherapy facility in non-government sector together accounted for 54%; cases registered based on a death certificate only comprised 5%. The average annual CIR per 100,000 population for all cancers together was higher among women (70.2) than men (62.3). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 15. The number of cases were the highest in 35-64 years age-group (62.3%) while the peak incidence rate was observed in 65-69 years of age among both sexes. The most common cancers were as follows: Among men, the order was oesophagus (CIR:5.0), lung (4.5) and hypopharynx (4.5); among women, breast (20.4), cervix (12.6), ovary (4.1) and oesophagus (3.4) was the rank order. The new cancer burden was estimated as 2,277 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	18	6.6	8	3.0
15-34	43	9.5	55	12.0
35-64	467	89.2	647	124.6
65+	311	311.9	240	227.1

CIR, ASR, other rates are per 1,00,000 population

Male, Tiruppur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	3	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.2	0.2	0.2	0.009
C01-C02	Tongue	32	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.8	4.9	6.3	9.1	12.4	7.6	6.9	0.0	2.4	2.1	5.3	0.254
C03-C06	Mouth	53	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.8	4.7	4.9	6.3	12.2	17.7	17.8	13.7	19.2	3.9	3.4	7.1	0.400
C07-C08	Salivary Gland	3	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	1.0	0.0	0.0	1.8	0.0	0.0	0.0	0.2	0.2	0.4	0.018
C09-C10	Oropharynx	47	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9	6.3	15.2	12.4	33.1	20.6	9.6	3.5	3.2	5.1	0.452
C11	Nasopharynx	6	0.7	0.0	0.0	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	1.3	3.0	0.0	2.5	0.0	0.0	0.4	0.4	0.6	0.044
C12-C13	Hypopharynx	60	7.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.8	3.7	4.9	3.8	12.2	31.9	12.7	24.0	22.4	4.5	4.0	8.3	0.479
C14	Pharynx unsp	5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.8	7.6	0.0	0.0	0.4	0.4	0.4	0.055
C15	Oesophagus	67	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9	4.9	7.6	15.2	21.3	40.7	20.6	28.8	5.0	4.5	7.4	0.563
C16	Stomach	49	5.8	0.0	0.0	1.0	0.0	0.0	0.0	1.7	1.8	0.9	3.9	8.8	7.6	8.9	20.4	37.7	9.6	3.6	3.2	4.8	0.462
C17	Small Intestine	5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.5	1.8	2.5	0.0	0.0	0.4	0.3	0.8	0.042
C18	Colon	26	3.1	0.0	0.0	0.0	0.0	0.0	1.6	0.8	2.7	2.8	1.9	1.3	6.1	7.1	7.6	6.9	3.2	1.9	1.6	3.3	0.194
C19-C20	Rectum	27	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.8	0.9	4.9	1.3	7.6	8.9	12.7	0.0	6.4	2.0	1.7	3.8	0.195
C21	Anus & Anal canal	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.1	0.1	0.0	0.013
C22	Liver etc.,	19	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.9	1.0	3.8	1.5	7.1	2.5	13.7	6.4	1.4	1.3	2.1	0.163
C23-C24	Gall Bladder etc.	6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.0	0.0	1.5	0.0	5.1	3.4	0.0	0.4	0.4	0.6	0.060
C25	Pancreas	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	1.5	1.8	0.0	0.0	0.0	0.3	0.2	0.8	0.025
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C30-C31	Nasal Cavity etc.	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.5	0.0	2.5	0.0	0.0	0.2	0.2	0.4	0.025
C32	Larynx	53	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.9	7.6	6.1	23.1	28.0	17.1	25.6	3.9	3.6	6.1	0.437
C33-C34	Lung	60	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.9	9.7	11.4	18.3	17.7	17.8	17.1	12.8	4.5	3.9	8.7	0.473
C37-C39	Oth Respiratory syst	4	0.5	0.0	0.0	0.0	0.0	0.9	0.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.3	0.3	0.2	0.026
C40-C41	Bone	9	1.1	0.0	1.2	0.0	1.0	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	5.3	2.5	0.0	3.2	0.7	0.7	0.9	0.060
C43	Melanoma of Skin	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.8	2.5	0.0	3.2	0.3	0.3	0.4	0.028
C44	Skin - others	10	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	7.1	5.1	6.9	3.2	0.7	0.7	1.1	0.103
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	9	1.1	1.2	0.0	0.0	0.0	0.9	0.0	0.0	0.9	1.9	0.0	1.3	0.0	3.5	2.5	0.0	0.0	0.7	0.7	1.2	0.061
C50	Breast	5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.3	3.0	0.0	2.5	0.0	0.0	0.4	0.3	0.8	0.039
C60	Penis	5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	6.9	3.2	0.4	0.3	0.5	0.052
C61	Prostate	33	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	6.1	5.3	22.9	30.9	12.8	2.5	2.3	2.3	0.350
C62	Testis	7	0.8	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.8	0.0	1.9	0.0	0.0	1.8	0.0	3.4	0.0	0.5	0.4	1.0	0.049
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	16	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	1.0	1.3	7.6	3.5	10.2	0.0	3.2	1.2	1.0	2.2	0.127
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	17	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.3	6.1	3.5	7.6	3.4	12.8	1.3	1.1	1.8	0.120
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C70-C72	Brain & CNS	23	2.7	2.3	2.3	1.0	0.0	0.0	0.8	2.5	0.9	0.9	1.0	2.5	0.0	7.1	2.5	10.3	3.2	1.7	1.7	1.9	0.171
C73	Thyroid	12	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.0	0.0	1.5	5.3	7.6	3.4	6.4	0.9	0.8	1.1	0.099
C74	Adrenal Gland etc.,	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C75	Endocrine Glands	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.1	0.1	0.4	0.013
C81	Hodgkin Disease	10	1.2	1.2	1.2	0.0	0.0	0.9	0.0	1.7	0.9	0.0	1.0	0.0	1.5	0.0	2.5	3.4	0.0	0.7	0.8	0.6	0.072
C82-86,96	Non-Hodg Lymphoma	21	2.5	0.0	0.0	0.0	2.0	0.9	0.8	0.8	1.8	0.9	0.0	2.5	4.6	3.5	7.6	3.4	6.4	1.6	1.4	2.0	0.145
C90	Multiple Myeloma	9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	3.0	1.8	5.1	3.4	3.2	0.7	0.6	1.0	0.076
C91	Lymphoid Leukaemia	15	1.8	2.3	3.5	0.0	2.0	0.9	0.0	0.8	0.9	0.9	0.0	0.0	1.5	3.5	0.0	0.0	3.2	1.1	1.3	1.0	0.082
C92-C94	Myeloid Leukaemia	14	1.7	0.0	0.0	2.0	1.0	0.9	0.0	0.8	0.0	2.8	1.0	0.0	3.0	0.0	2.5	0.0	6.4	1.0	0.9	1.1	0.071
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.004
C76-80	Primary Uncertain	81	9.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.9	4.9	10.1	10.7	23.1	30.5	48.0	64.0	6.0	5.4	7.1	0.644
TOTAL		839	100.0	8.1	8.2	4.0	7.0	8.5	7.2	15.1	25.9	33.5	65.2	94.7	175.0	257.3	341.1	305.1	281.5	62.3	56.4	95.2	6.554

Female, Tiruppur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C01-C02	Tongue	16	1.7	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.8	0.9	2.0	4.1	1.6	1.8	2.4	9.9	3.0	1.2	1.0	1.8	0.126
C03-C06	Mouth	35	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	6.1	2.7	9.4	8.9	14.3	13.3	14.9	2.6	2.3	4.2	0.278
C07-C08	Salivary Gland	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C09-C10	Oropharynx	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	1.6	1.8	0.0	3.3	3.0	0.4	0.4	0.8	0.043
C11	Nasopharynx	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.1	0.1	0.4	0.013
C12-C13	Hypopharynx	12	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9	1.0	1.4	4.7	1.8	2.4	3.3	3.0	0.9	0.7	1.8	0.086
C14	Pharynx unsp	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.4	0.0	0.0	2.4	3.3	0.0	0.3	0.3	0.4	0.040
C15	Oesophagus	46	4.8	0.0	0.0	0.0	0.0	0.0	1.6	1.7	0.8	2.8	5.1	8.1	12.5	8.9	19.1	13.3	5.9	3.4	3.0	5.8	0.368
C16	Stomach	28	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	4.6	3.1	4.1	3.1	8.9	7.2	9.9	5.9	2.1	1.8	4.0	0.213
C17	Small Intestine	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	3.3	0.0	0.1	0.1	0.2	0.023
C18	Colon	10	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.7	1.6	1.8	7.2	3.3	0.0	0.7	0.7	1.3	0.093
C19-C20	Rectum	14	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	2.7	6.2	8.9	0.0	0.0	3.0	1.0	0.9	2.7	0.098
C21	Anus & Anal canal	3	0.3	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	3.0	0.2	0.2	0.2	0.013
C22	Liver etc.,	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.8	7.2	0.0	0.0	0.4	0.3	0.4	0.049
C23-C24	Gall Bladder etc.	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	1.0	0.0	0.0	1.8	2.4	0.0	3.0	0.4	0.4	0.8	0.035
C25	Pancreas	3	0.3	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.020
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	1.4	0.0	1.8	0.0	3.3	0.0	0.4	0.3	0.6	0.041
C32	Larynx	8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.0	2.7	3.1	1.8	0.0	3.3	0.0	0.6	0.5	1.4	0.063
C33-C34	Lung	23	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	5.4	12.5	3.6	7.2	6.6	5.9	1.7	1.5	3.3	0.186
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	7	0.7	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.8	0.0	0.0	1.4	1.6	1.8	0.0	3.3	0.0	0.5	0.5	0.8	0.052
C43	Melanoma of Skin	3	0.3	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.2	0.2	0.0	0.004
C44	Skin - others	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.010
C45	Mesothelioma	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.014
C50	Breast	276	29.1	0.0	0.0	0.0	1.0	1.7	2.4	7.9	12.6	29.6	48.9	53.0	74.8	42.7	66.9	36.5	47.6	20.4	17.4	41.3	1.871
C51	Vulva	5	0.5	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	1.0	0.0	1.6	0.0	2.4	0.0	3.0	0.4	0.3	0.4	0.029
C52	Vagina	7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.1	1.8	4.8	0.0	0.0	0.5	0.5	1.1	0.062
C53	Cervix	171	18.0	0.0	0.0	0.0	0.0	0.0	1.6	1.7	3.4	16.7	25.5	34.0	43.6	40.9	50.2	33.2	38.6	12.6	11.0	25.2	1.245
C54	Corpus Uteri	32	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9	4.1	8.1	9.4	8.9	9.6	13.3	0.0	2.4	2.1	5.0	0.280
C55	Uterus unsp.	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C56	Ovary	55	5.8	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.7	5.6	9.2	9.5	4.7	19.6	21.5	16.6	5.9	4.1	3.6	7.8	0.445
C57	Oth female Genital	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	3.0	0.1	0.1	0.2	0.007
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8	0.0	3.1	0.0	1.6	1.8	0.0	3.3	3.0	0.7	0.5	1.2	0.057
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.0	1.4	4.7	0.0	4.8	0.0	3.0	0.7	0.6	1.0	0.064
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	10	1.1	1.2	0.0	1.0	0.0	0.0	0.0	0.9	0.8	0.0	0.0	2.7	3.1	3.6	0.0	0.0	0.0	0.7	0.7	1.5	0.067
C73	Thyroid	22	2.3	0.0	0.0	0.0	1.0	1.7	1.6	0.9	1.7	3.7	4.1	1.4	0.0	3.6	4.8	3.3	0.0	1.6	1.4	2.5	0.138
C74	Adrenal Gland etc.,	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	4	0.4	0.0	0.0	0.0	1.0	0.0	0.0	0.9	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.023
C82-86,96	Non-Hodg Lymphoma	8	0.8	1.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	3.1	2.7	1.6	0.0	0.0	0.0	0.0	0.6	0.6	1.2	0.047
C90	Multiple Myeloma	8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.1	3.6	2.4	3.3	0.0	0.6	0.5	1.3	0.075
C91	Lymphoid Leukaemia	9	0.9	1.2	1.2	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.8	2.4	3.3	3.0	0.7	0.8	0.4	0.067
C92-C94	Myeloid Leukaemia	16	1.7	0.0	1.2	1.0	1.0	0.0	1.6	3.5	0.0	0.9	0.0	2.7	0.0	1.8	2.4	3.3	3.0	1.2	1.1	0.8	0.097
C95	Unspeci. Leukaemia	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
Oth & Uns	Others & Unspecified	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.005
C76-80	Primary Uncertain	56	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	2.8	5.1	5.4	12.5	21.3	7.2	23.2	38.6	4.1	3.6	6.8	0.392
TOTAL		950	100.0	3.5	2.4	3.1	6.1	7.5	10.2	23.5	33.6	79.7	131.4	172.5	229.1	209.9	250.7	218.8	205.1	70.2	61.2	131.8	6.677

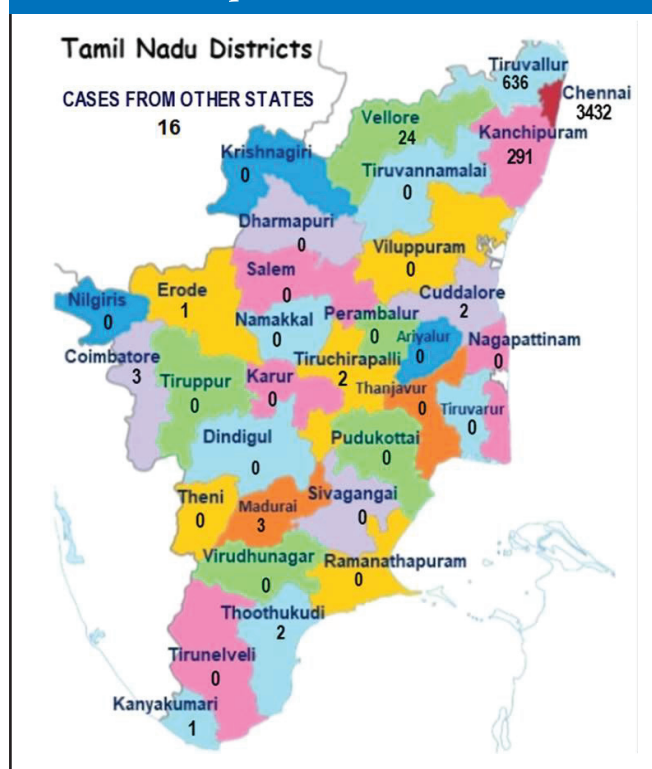
Residence District: Tiruvallur

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	1537	1751	1833	2064	1986	2198	2319	2440	2561
FEMALE	1958	2186	2218	2287	2427	2527	2631	2735	2839
TOTAL	3495	3937	4051	4351	4413	4725	4950	5175	5400

Year - 2016

New Cases - 4413

No. of Cases Reported from the Source District



No. of Cases by Major Sources

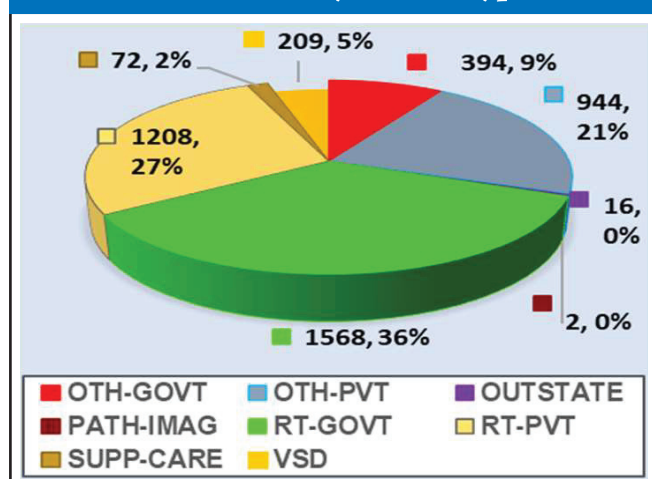
SOURCE NAME	DISTRICT	No.
Rajiv Gandhi Govt. General Hos	Chennai	812
Cancer Institute (WIA) - Adyar	Chennai	684
Govt. Stanley Med. Coll.	Chennai	347
Sri Ramachandara Med. & Res. C	Tiruvallur	342
Govt. Royapettah Hosp.	Chennai	203
Tamilnadu Govt Multi Super Spe	Chennai	135
DPH - CHEN	Chennai	125
Govt. Hosp. for Women & Chil	Chennai	119
Apollo Hosp. Greaves Road	Chennai	116
Billroth Hosp. - Shenoy Nagar	Chennai	111
V S Hospitals Advanced Cancer	Chennai	108
RCC Govt. Arignar Anna Mem.	Kanchipuram	87
Saveetha Med. Coll. Chennai 60	Kanchipuram	78
Madras Cancer Care Foundation	Chennai	74
Comprehensive Blood & Cancer	Tiruvallur	68
Saveetha Dent.Coll. & Hosp. Ch	Tiruvallur	59
DPH - TVLR	Tiruvallur	54
Jeevodaya Hosp. for Cancer Pa	Tiruvallur	44
Dr Rai Memorial Med. Centre -	Chennai	41
Tamil Nadu Govt. Dental Coll.	Chennai	37

As per 2011 census

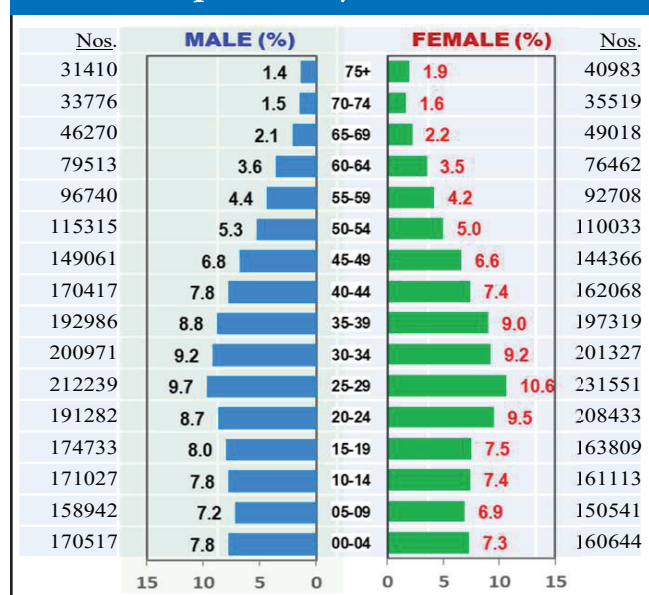
AREA (km²) : 3394

URBAN - RURAL (Ratio) 1 : 0.54

No. of Cases by Source Type



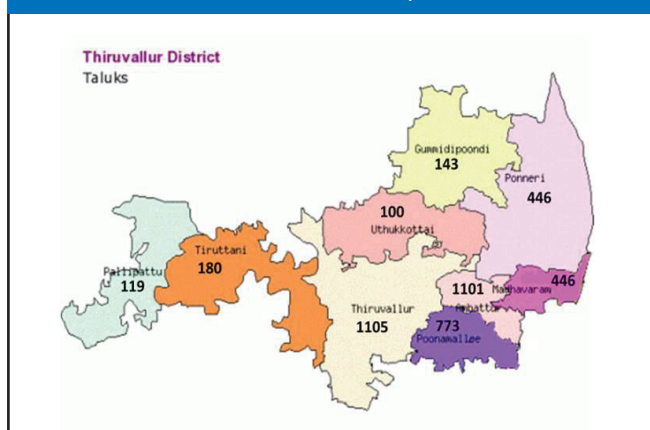
Population Pyramid 2016



Residence District: Tiruvallur

Year: 2016

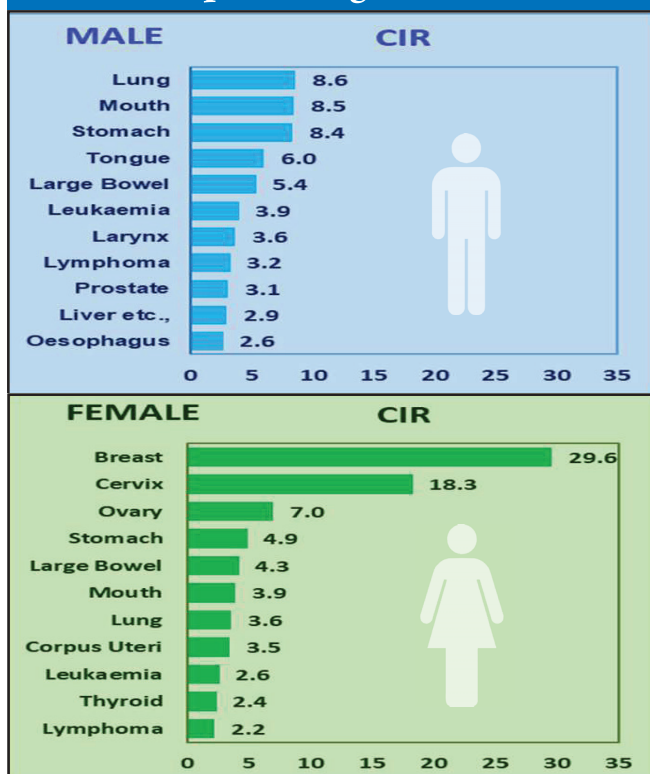
No. of New Cases by Taluks



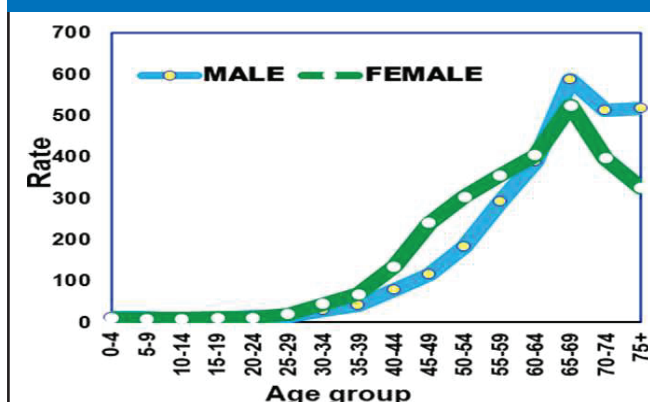
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1986	2427	4413
%	45.0	55.0	100.0
CIR	90.5	111.0	100.7
CR% (0-74 YEARS)	10.867	11.945	11.381
ASR	97.2	111.5	103.8

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	54	10.8	44	9.3
15-34	133	17.1	177	22.0
35-64	1191	148.1	1675	213.9
65+	608	545.5	531	423.0

CIR, ASR, other rates are per 1,00,000 population

Male, Tiruvallur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	13	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	4.1	5.0	2.2	3.0	0.0	0.6	0.6	1.5	0.080
C01-C02	Tongue	131	6.6	0.0	0.0	0.0	0.0	0.0	0.0	4.5	6.7	12.9	13.4	16.5	12.4	18.9	21.6	14.8	19.1	6.0	5.7	13.1	0.607
C03-C06	Mouth	186	9.4	0.0	0.0	0.0	0.0	1.0	0.9	4.5	6.2	14.7	13.4	20.8	23.8	39.0	45.4	29.6	22.3	8.5	8.4	18.1	0.995
C07-C08	Salivary Gland	11	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.2	0.7	0.9	1.0	0.0	2.2	3.0	3.2	0.5	0.5	0.8	0.052
C09-C10	Oropharynx	51	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.2	2.0	3.5	20.7	8.8	15.1	8.9	6.4	2.3	2.4	5.3	0.309
C11	Nasopharynx	13	0.7	0.6	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.1	1.3	0.0	3.0	6.4	0.6	0.7	1.0	0.058
C12-C13	Hypopharynx	52	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.2	4.0	4.3	8.3	13.8	10.8	26.6	12.7	2.4	2.6	4.7	0.350
C14	Pharynx unsp	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	3.2	0.1	0.1	0.0	0.011
C15	Oesophagus	58	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	2.7	8.7	9.3	18.9	13.0	23.7	12.7	2.6	2.9	5.8	0.385
C16	Stomach	184	9.3	0.0	0.0	0.0	0.0	0.5	0.9	2.5	2.6	4.7	12.1	20.8	33.1	30.2	77.8	41.5	47.8	8.4	9.1	15.3	1.127
C17	Small Intestine	9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.6	2.0	0.9	0.0	1.3	2.2	0.0	3.2	0.4	0.4	0.8	0.037
C18	Colon	61	3.1	0.0	0.0	0.0	0.0	0.0	0.5	2.0	1.6	1.8	3.4	9.5	8.3	13.8	15.1	8.9	15.9	2.8	2.9	5.7	0.323
C19-C20	Rectum	56	2.8	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	5.9	0.7	7.8	7.2	11.3	6.5	14.8	31.8	2.6	2.7	4.9	0.276
C21	Anus & Anal canal	15	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	2.1	8.8	6.5	0.0	6.4	0.7	0.8	1.5	0.089
C22	Liver etc.,	64	3.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	1.6	1.2	4.0	6.9	10.3	11.3	17.3	41.5	9.6	2.9	3.2	5.2	0.473
C23-C24	Gall Bladder etc.	29	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	3.4	4.3	3.1	7.5	6.5	5.9	9.6	1.3	1.4	2.9	0.159
C25	Pancreas	25	1.3	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	1.2	2.0	1.7	6.2	5.0	8.6	3.0	3.2	1.1	1.2	2.4	0.144
C26	Other G.I Tract	4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.013
C30-C31	Nasal Cavity etc.	12	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.7	2.1	2.5	4.3	5.9	3.2	0.5	0.6	0.9	0.085
C32	Larynx	79	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.9	6.7	5.2	11.4	23.9	30.3	26.7	12.7	3.6	4.0	7.4	0.537
C33-C34	Lung	188	9.5	0.0	0.0	0.0	0.0	1.6	0.0	1.5	2.1	1.2	8.7	15.6	24.8	54.1	71.3	82.9	54.1	8.6	9.7	15.0	1.310
C37-C39	Oth Respiratory syst	6	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.6	0.7	0.0	1.0	1.3	0.0	0.0	0.0	0.3	0.2	0.6	0.023
C40-C41	Bone	23	1.2	0.0	0.6	0.0	0.6	1.6	0.0	1.5	0.5	1.2	0.7	3.5	3.1	2.5	2.2	3.0	0.0	1.0	1.0	1.7	0.104
C43	Melanoma of Skin	5	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.0	1.3	2.2	3.0	0.0	0.2	0.3	0.3	0.039
C44	Skin - others	21	1.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.6	0.7	4.3	6.2	2.5	2.2	0.0	9.6	1.0	1.0	2.2	0.088
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	22	1.1	0.6	1.3	0.0	0.6	0.0	0.5	1.5	1.6	0.0	2.7	3.5	0.0	0.0	4.3	0.0	3.2	1.0	1.0	1.4	0.082
C50	Breast	12	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.7	1.7	1.0	1.3	6.5	3.0	3.2	0.5	0.6	0.8	0.076
C60	Penis	42	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.9	3.4	2.6	10.3	7.5	15.1	3.0	12.7	1.9	2.0	4.0	0.227
C61	Prostate	67	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	6.2	8.8	34.6	38.5	73.2	3.1	4.0	2.2	0.447
C62	Testis	11	0.6	0.6	0.0	0.0	0.0	0.5	0.9	1.0	0.5	0.6	1.3	0.0	1.0	0.0	0.0	0.0	0.0	0.5	0.4	0.6	0.033
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	26	1.3	1.2	0.6	0.0	0.0	0.5	0.0	0.0	0.0	2.3	2.0	0.0	2.1	3.8	13.0	0.0	12.7	1.2	1.4	1.6	0.127
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	30	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.5	0.0	0.0	1.7	5.2	5.0	15.1	5.9	19.1	1.4	1.6	1.7	0.175
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.003
C69	Eye And Adnexa	4	0.2	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.016
C70-C72	Brain & CNS	36	1.8	0.0	2.5	0.6	1.7	0.5	0.5	0.5	1.6	1.8	4.7	0.9	4.1	7.5	2.2	0.0	0.0	1.6	1.6	3.2	0.145
C73	Thyroid	28	1.4	0.0	0.0	0.0	0.6	0.5	0.0	1.0	0.5	0.6	1.3	3.5	6.2	6.3	4.3	5.9	3.2	1.3	1.3	2.6	0.154
C74	Adrenal Gland etc.,	6	0.3	1.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.3	0.0	0.0	0.0	0.3	0.3	0.4	0.025
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.1	0.0	0.011
C81	Hodgkin Disease	20	1.0	0.0	1.3	1.2	1.7	1.6	0.9	0.0	0.0	1.2	0.0	1.7	2.1	0.0	0.0	5.9	0.0	0.9	0.9	0.8	0.088
C82-86,96	Non-Hodg Lymphoma	51	2.6	2.3	0.0	1.2	0.6	1.0	1.9	0.5	1.6	1.8	2.0	0.0	6.2	10.1	13.0	11.8	12.7	2.3	2.6	3.1	0.269
C90	Multiple Myeloma	32	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	2.7	3.5	7.2	6.3	6.5	17.8	0.0	1.5	1.5	3.2	0.228
C91	Lymphoid Leukaemia	29	1.5	5.3	3.8	1.2	1.1	0.5	0.9	0.0	0.5	1.2	0.0	0.0	3.1	0.0	0.0	3.0	0.0	1.3	1.6	0.7	0.103
C92-C94	Myeloid Leukaemia	49	2.5	0.6	0.0	0.6	1.7	2.6	3.8	2.0	0.5	4.7	1.3	1.7	6.2	7.5	2.2	3.0	0.0	2.2	2.1	3.3	0.192
C95	Unspeci. Leukaemia	8	0.4	0.0	0.6	0.6	0.6	0.0	0.0	0.5	1.0	0.6	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.4	0.4	0.3	0.030
Oth & Unsp	Others & Unspecified	8	0.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.9	3.1	0.0	2.2	0.0	0.0	0.4	0.4	0.8	0.041
C76-80	Primary Uncertain	205	10.3	0.0	0.6	0.0	0.6	0.0	0.5	1.0	4.1	3.5	10.7	17.3	22.7	41.5	99.4	65.1	86.0	9.3	10.8	14.6	1.332
TOTAL		1986	100.0	12.9	13.2	6.4	10.3	13.6	14.1	29.4	42.5	78.1	116.7	182.1	291.5	389.9	587.9	512.2	519.0	90.5	97.2	163.2	10.867

Female, Tiruvallur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.9	1.1	1.3	0.0	8.4	0.0	0.3	0.3	0.5	0.061
C01-C02	Tongue	41	1.7	0.0	0.0	0.0	0.0	1.0	0.0	0.5	0.0	0.6	3.5	7.3	2.2	5.2	22.4	14.1	4.9	1.9	2.1	2.9	0.284
C03-C06	Mouth	85	3.5	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	1.9	8.3	6.4	20.5	20.9	14.3	22.5	24.4	3.9	4.1	8.3	0.479
C07-C08	Salivary Gland	10	0.4	0.0	0.0	0.0	0.6	0.0	0.9	1.0	0.0	0.0	0.7	1.8	1.1	1.3	0.0	0.0	0.0	0.5	0.4	0.7	0.037
C09-C10	Oropharynx	9	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.6	0.7	0.9	3.2	2.6	0.0	0.0	0.0	0.4	0.4	1.2	0.042
C11	Nasopharynx	11	0.5	0.0	0.0	0.6	1.8	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.1	2.6	0.0	5.6	0.0	0.5	0.6	0.8	0.067
C12-C13	Hypopharynx	32	1.3	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	1.9	2.8	2.7	6.5	5.2	8.2	5.6	7.3	1.5	1.5	2.8	0.171
C14	Pharynx unsp	3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	0.0	1.3	0.0	0.0	0.0	0.1	0.1	0.4	0.014
C15	Oesophagus	45	1.9	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	3.5	11.8	7.6	6.5	18.4	8.4	4.9	2.1	2.2	4.4	0.283
C16	Stomach	107	4.4	0.0	0.0	0.0	0.0	0.0	1.3	1.5	4.1	6.2	11.8	14.5	18.3	14.4	24.5	14.1	12.2	4.9	4.8	10.8	0.551
C17	Small Intestine	8	0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.9	2.2	2.6	2.0	0.0	2.4	0.4	0.4	0.8	0.041
C18	Colon	47	1.9	0.0	0.0	0.0	0.6	1.0	0.4	0.5	0.0	0.6	5.5	4.5	6.5	14.4	12.2	0.0	12.2	2.2	2.2	4.6	0.232
C19-C20	Rectum	45	1.9	0.0	0.0	0.0	0.0	0.5	0.9	1.0	2.0	2.5	5.5	5.5	3.2	3.9	4.1	14.1	12.2	2.1	2.0	3.7	0.216
C21	Anus & Anal canal	16	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.0	2.7	2.2	0.0	10.2	2.8	7.3	0.7	0.8	0.8	0.095
C22	Liver etc.,	20	0.8	0.0	0.0	0.6	0.0	0.0	0.0	0.5	1.0	1.2	0.0	1.8	4.3	6.5	0.0	5.6	2.4	0.9	0.9	2.1	0.108
C23-C24	Gall Bladder etc.	25	1.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.6	4.8	4.5	3.2	1.3	6.1	2.8	4.9	1.1	1.1	2.5	0.122
C25	Pancreas	17	0.7	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.0	1.9	0.7	0.9	0.0	2.6	4.1	8.4	4.9	0.8	0.8	1.2	0.101
C26	Other G.I Tract	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.1	0.2	0.007
C30-C31	Nasal Cavity etc.	12	0.5	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	1.2	1.4	0.0	2.2	1.3	2.0	5.6	0.0	0.5	0.5	1.0	0.074
C32	Larynx	15	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.5	1.9	1.4	1.8	0.0	1.3	2.0	2.8	4.9	0.7	0.6	1.2	0.064
C33-C34	Lung	78	3.2	0.0	0.0	0.0	0.0	0.5	0.4	1.0	0.5	0.6	8.3	10.0	12.9	22.2	16.3	25.3	7.3	3.6	3.7	8.0	0.490
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	17	0.7	0.0	0.0	1.2	1.8	1.0	0.0	1.0	0.5	0.0	0.7	1.8	1.1	1.3	2.0	0.0	2.4	0.8	0.8	0.8	0.063
C43	Melanoma of Skin	8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	0.0	1.1	1.3	2.0	2.8	2.4	0.4	0.4	0.7	0.046
C44	Skin - others	21	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.7	3.6	1.1	5.2	6.1	8.4	2.4	1.0	1.0	1.7	0.136
C45	Mesothelioma	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.005
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	21	0.9	0.6	0.0	0.0	0.0	0.0	0.0	1.5	1.0	2.5	2.1	0.9	2.2	2.6	0.0	2.8	4.9	1.0	0.9	1.8	0.081
C50	Breast	647	26.7	0.0	0.0	0.0	1.8	1.9	5.2	10.9	26.9	47.5	63.0	98.2	102.5	99.4	124.4	56.3	61.0	29.6	28.7	68.5	3.140
C51	Vulva	12	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	0.0	0.0	2.6	6.1	5.6	2.4	0.5	0.6	0.8	0.085
C52	Vagina	14	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.8	4.3	1.3	4.1	2.8	4.9	0.6	0.7	1.3	0.079
C53	Cervix	400	16.5	0.0	0.0	0.0	0.0	0.0	0.0	3.5	11.2	23.5	50.6	50.0	73.4	74.6	89.8	56.3	39.0	18.3	18.3	43.6	2.140
C54	Corpus Uteri	76	3.1	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.1	6.2	6.4	10.8	24.9	20.4	22.5	9.8	3.5	3.7	7.4	0.480
C55	Uterus unsp.	7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	2.7	0.0	1.3	2.0	0.0	0.0	0.3	0.3	0.9	0.037
C56	Ovary	152	6.3	0.0	0.7	0.6	1.2	0.5	2.2	1.0	4.1	12.3	19.4	21.8	27.0	17.0	30.6	8.4	9.8	7.0	6.8	16.1	0.731
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.1	0.0	0.010
C64	Kidney	18	0.7	0.6	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.2	1.4	2.7	1.1	3.9	4.1	2.8	0.0	0.8	0.9	1.6	0.096
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002
C67	Bladder	16	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.2	0.0	12.2	5.6	7.3	0.7	0.8	0.7	0.115
C68	Urethra	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.4	0.1	0.1	0.0	0.014
C69	Eye And Adnexa	4	0.2	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.013
C70-C72	Brain & CNS	47	1.9	1.2	2.0	0.6	0.0	0.5	1.7	2.0	2.5	1.9	4.2	2.7	3.2	6.5	8.2	8.4	0.0	2.2	2.2	3.4	0.229
C73	Thyroid	52	2.1	0.0	0.0	0.0	0.0	1.0	0.4	4.0	4.1	4.3	3.5	4.5	2.2	3.9	8.2	5.6	12.2	2.4	2.1	3.8	0.208
C74	Adrenal Gland etc.,	2	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C75	Endocrine Glands	3	0.1	0.0	0.0	0.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.010
C81	Hodgkin Disease	14	0.6	0.0	1.3	0.0	0.6	0.5	0.4	1.0	0.5	1.2	0.0	0.9	1.1	1.3	2.0	0.0	0.0	0.6	0.6	0.8	0.055
C82-86,96	Non-Hodg Lymphoma	34	1.4	0.0	0.7	0.0	0.0	1.0	0.4	1.5	1.5	1.9	1.4	4.5	3.2	5.2	6.1	8.4	2.4	1.6	1.5	2.7	0.180
C90	Multiple Myeloma	11	0.5	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.2	1.3	4.1	5.6	2.4	0.5	0.6	0.7	0.078
C91	Lymphoid Leukaemia	22	0.9	5.0	2.7	1.9	0.6	0.5	0.0	0.5	0.0	0.6	0.0	0.0	1.1	0.0	2.0	0.0	2.4	1.0	1.3	0.3	0.074
C92-C94	Myeloid Leukaemia	32	1.3	0.6	0.7	1.9	0.0	0.0	0.4	2.0	1.0	3.7	3.5	2.7	1.1	2.6	4.1	0.0	2.4	1.5	1.4	2.5	0.121
C95	Unspeci. Leukaemia	3	0.1	0.0	0.0	0.0	0.6	0.0	0.0	0.5	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.010
Oth & Unsp	Others & Unspecified	6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.8	0.0	2.6	0.0	0.0	2.4	0.3	0.3	0.6	0.025
C76-80	Primary Uncertain	149	6.1	0.0	0.0	0.6	0.0	0.5	0.4	1.5	4.6	6.2	19.4	10.0	16.2	26.2	36.7	45.1	39.0	6.8	7.0	12.9	0.834
TOTAL		2427	100.0	10.6	8.6	8.7	11.0	11.0	19.9	44.7	68.4	135.1	240.4	304.5	356.0	404.1	524.2	397.0	324.5	111.0	111.5	233.1	11.945

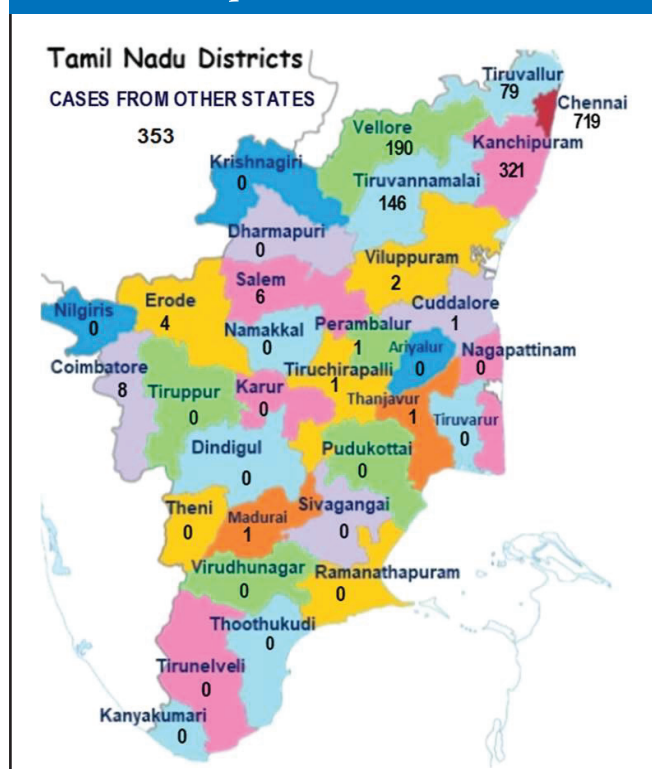
Residence District: Tiruvannamalai

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	622	660	779	743	748	819	844	878	911
FEMALE	868	900	1000	931	1085	1096	1143	1189	1236
TOTAL	1490	1560	1779	1674	1833	1915	1987	2067	2147

Year - 2016

New Cases - 1833

No. of Cases Reported from the Source District

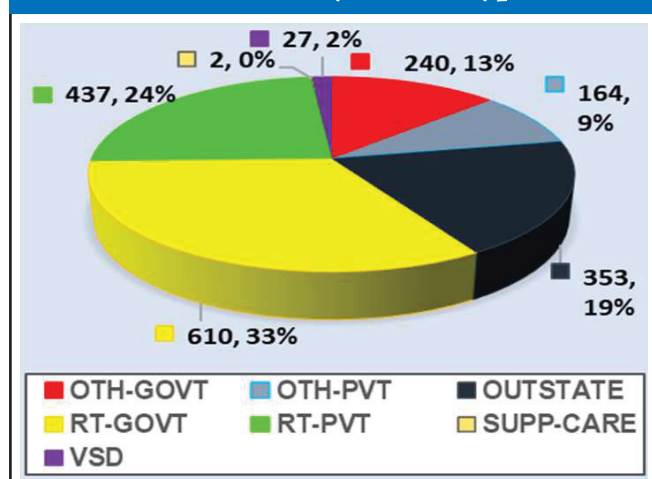


As per 2011 census

AREA (km²) : 6188

URBAN - RURAL (Ratio) 1 : 3.98

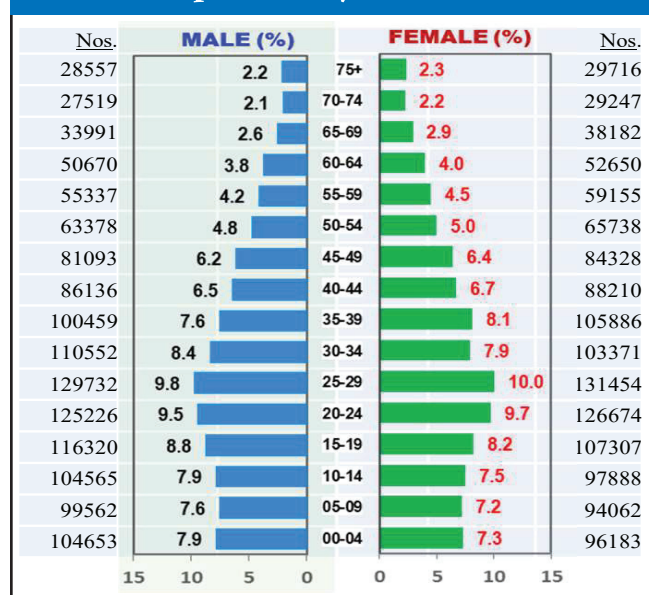
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
JIPMER	Pondicherry	305
RCC Govt. Arignar Anna Mem. C	Kanchipuram	253
Cancer Institute (WIA) - Adyar	Chennai	235
Rajiv Gandhi Govt. General Hos	Chennai	216
Christian Med. Coll. Hosp.	Vellore	138
Govt. Royapettah Hosp.	Chennai	68
Sri Ramachandra Med.Coll. & Re	Tiruvallur	68
Govt. Tiruvannamalai Med. Coll	Tiruvannamalai	63
Govt. Vellore Med. Coll. Hosp.	Vellore	41
Govt. Hosp. for Women & Chil	Chennai	37
Govt. Stanley Med. Coll.	Chennai	29
Tamilnadu Govt Multi Super Spe	Chennai	27
DPH - TVMA	Tiruvannamalai	25
GH Cheyyar	Tiruvannamalai	24
Melmaruvathur Adhiparasakthi I	Kanchipuram	24
Inst. of Child Health & Hosp.	Chennai	16
Govt. Chengalpet Med. Coll. Ho	Kanchipuram	13
Sri Manakula Vinayagar Med. Co	Pondicherry	13
Pondicherry Inst. of Med. Scie	Pondicherry	12
Apollo Hosp.	Chennai	12

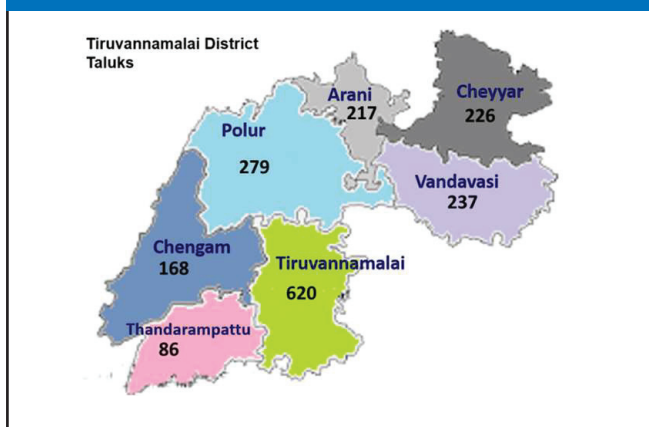
Population Pyramid 2016



Residence District: Tiruvannamalai

Year: 2016

No. of New Cases by Taluks

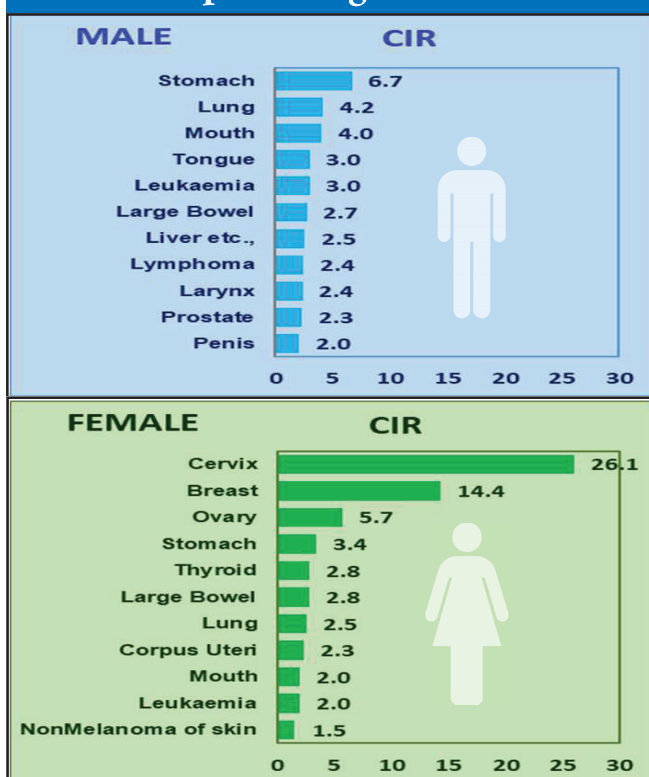


Cancer Incidence Statistics

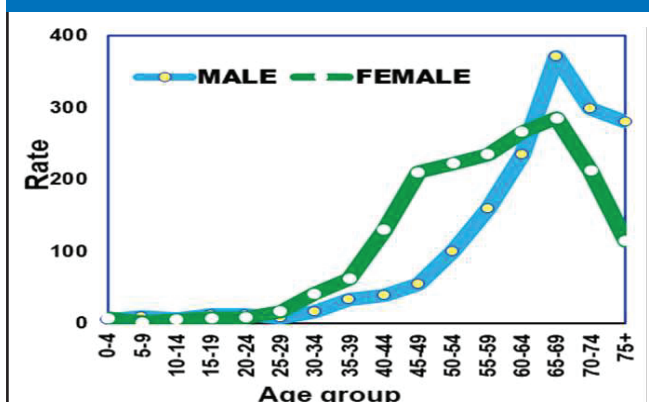
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	748	1085	1833
%	40.8	59.2	100.0
CIR	56.8	82.8	69.8
CR% (0-74 YEARS)	6.562	8.200	7.390
ASR	56.8	77.1	67.0

A total of 1,833 new cancers, diagnosed in year 2016, were registered among 2.5 million population with a female (1,085) preponderance (1:1.45). A majority were registered from hospitals located in Chennai city (39.2%) followed by those from outside the state (19.3%) and in Kanchipuram (17.5%) district. Most of the cases were first diagnosed and/or registered at JIPMER, Pondichery (16.6%) followed by the Government Arignar Anna Memorial Cancer Hospital, Kanchipuram (13.8%) and the Cancer Institute (W.I.A), Chennai (12.8%). All hospitals with radiotherapy facility in government sector together accounted for 33%; cases registered based on a death certificate only comprised 2%. The average annual crude incidence rate (CIR) per 100,000 population for all cancers together was higher among women (82.8) than men (56.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 14. The most number of cases were registered from 35-64 years age group (63.4%); peak incidence rate was observed in 65-69 years of age among both sexes. The most common cancers among men were stomach (CIR:6.7), lung (4.2), mouth (4.0) and tongue (3.0); among women, the order was cervix (26.1), breast (14.4), ovary (5.7) and stomach (3.4). The new cancer burden was estimated as 2,147 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	21	6.8	14	4.9
15-34	59	12.2	83	17.7
35-64	380	86.9	783	171.7
65+	288	319.8	205	211.0

CIR, ASR, other rates are per 1,00,000 population

Male, Tiruvannamalai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	39	5.2	0.0	0.0	0.0	0.0	0.0	0.8	0.9	4.0	1.2	2.5	7.9	9.0	17.8	14.7	3.6	17.5	3.0	2.9	6.2	0.312
C03-C06	Mouth	53	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	6.0	5.8	6.2	7.9	1.8	15.8	41.2	10.9	17.5	4.0	4.0	7.0	0.482
C07-C08	Salivary Gland	6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	1.2	0.0	0.0	2.0	5.9	0.0	0.0	0.5	0.4	0.7	0.055
C09-C10	Oropharynx	21	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.6	18.1	11.8	8.8	0.0	0.0	1.6	1.6	4.4	0.207
C11	Nasopharynx	3	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	3.5	0.2	0.2	0.0	0.019
C12-C13	Hypopharynx	10	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	5.9	8.8	3.6	7.0	0.8	0.8	1.0	0.099
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	22	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	1.6	5.4	9.9	2.9	14.5	14.0	1.7	1.6	3.2	0.196
C16	Stomach	88	11.8	0.0	0.0	0.0	0.0	0.8	0.0	0.9	3.0	2.3	11.1	18.9	12.7	43.4	32.4	54.5	17.5	6.7	6.7	13.5	0.896
C17	Small Intestine	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	3.6	0.0	0.0	0.0	3.5	0.3	0.3	0.7	0.024
C18	Colon	16	2.1	0.0	0.0	1.0	0.9	1.6	0.0	1.8	0.0	0.0	1.2	0.0	5.4	7.9	0.0	0.0	7.0	1.2	1.1	2.0	0.099
C19-C20	Rectum	20	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.2	0.0	1.6	5.4	3.9	14.7	14.5	7.0	1.5	1.5	1.9	0.216
C21	Anus & Anal canal	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	2.0	2.9	0.0	0.0	0.2	0.2	0.5	0.031
C22	Liver etc.,	33	4.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.0	0.0	2.5	4.7	3.6	7.9	41.2	10.9	10.5	2.5	2.6	2.9	0.362
C23-C24	Gall Bladder etc.	17	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.3	1.2	0.0	3.6	3.9	17.7	3.6	7.0	1.3	1.3	1.9	0.167
C25	Pancreas	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.6	1.8	0.0	2.9	0.0	0.0	0.3	0.3	0.7	0.037
C26	Other G.I Tract	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.0	5.9	0.0	0.0	0.3	0.3	0.5	0.048
C30-C31	Nasal Cavity etc.	12	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	1.2	1.6	5.4	3.9	5.9	0.0	3.5	0.9	0.9	2.1	0.101
C32	Larynx	31	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	4.7	5.4	9.9	20.6	14.5	24.5	2.4	2.4	3.2	0.288
C33-C34	Lung	55	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.3	3.7	7.9	23.5	23.7	29.4	14.5	10.5	4.2	4.2	9.1	0.539
C37-C39	Oth Respiratory syst	4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	2.0	0.0	7.3	0.0	0.3	0.3	0.5	0.052
C40-C41	Bone	10	1.3	0.0	0.0	0.0	1.7	2.4	0.0	0.0	1.0	0.0	0.0	1.6	1.8	0.0	2.9	3.6	0.0	0.8	0.7	0.7	0.076
C43	Melanoma of Skin	5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.0	2.9	7.3	0.0	0.4	0.4	0.5	0.070
C44	Skin - others	10	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	4.7	0.0	2.0	0.0	7.3	10.5	0.8	0.7	1.2	0.075
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	9	1.2	1.0	0.0	1.0	0.9	0.8	0.0	0.0	1.0	1.2	0.0	0.0	1.8	0.0	0.0	3.6	3.5	0.7	0.7	0.7	0.056
C50	Breast	9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	1.6	3.6	3.9	2.9	3.6	0.0	0.7	0.7	1.7	0.090
C60	Penis	27	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.5	3.7	7.9	3.6	3.9	5.9	7.3	24.5	2.0	2.0	3.8	0.184
C61	Prostate	30	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	17.8	14.7	25.4	28.0	2.3	2.3	2.5	0.297
C62	Testis	6	0.8	0.0	0.0	0.0	0.9	0.8	0.8	0.9	1.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.5	0.4	0.2	0.036
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	11	1.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.6	3.6	3.9	2.9	3.6	0.0	0.8	0.9	1.7	0.100
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	22	2.9	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.0	1.2	0.0	1.6	3.6	5.9	5.9	18.2	21.0	1.7	1.6	1.9	0.190
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	12	1.6	0.0	0.0	1.0	0.9	0.0	0.8	0.9	1.0	3.5	2.5	0.0	0.0	0.0	0.0	3.6	3.5	0.9	0.8	1.3	0.070
C73	Thyroid	15	2.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	2.0	2.3	0.0	4.7	5.4	0.0	2.9	7.3	0.0	1.1	1.1	2.3	0.131
C74	Adrenal Gland etc.,	2	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.011
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	8	1.1	0.0	1.0	0.0	0.0	1.6	0.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.6	0.5	0.0	0.045
C82-86,96	Non-Hodg Lymphoma	24	3.2	0.0	2.0	0.0	1.7	1.6	0.8	0.9	0.0	0.0	2.5	3.2	7.2	2.0	8.8	7.3	7.0	1.8	1.8	2.2	0.190
C90	Multiple Myeloma	6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	2.0	8.8	0.0	0.0	0.5	0.5	0.8	0.070
C91	Lymphoid Leukaemia	21	2.8	1.9	5.0	2.9	2.6	0.0	0.8	1.8	0.0	0.0	0.0	0.0	1.8	5.9	0.0	3.6	0.0	1.6	1.8	1.0	0.132
C92-C94	Myeloid Leukaemia	18	2.4	0.0	0.0	1.0	1.7	1.6	0.8	2.7	1.0	0.0	1.2	1.6	0.0	2.0	14.7	0.0	0.0	1.4	1.3	0.9	0.141
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
Oth & Unsp	Others & Unspecified	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	3.6	0.0	0.2	0.2	0.3	0.026
C76-80	Primary Uncertain	56	7.5	0.0	0.0	0.0	0.9	0.8	0.0	0.0	1.0	3.5	2.5	3.2	18.1	9.9	32.4	40.0	31.5	4.3	4.2	5.5	0.560
TOTAL		748	100.0	4.8	9.0	6.7	12.0	12.8	8.5	16.3	32.8	38.3	54.3	99.4	159.0	234.9	370.7	298.0	280.2	56.8	56.8	91.1	6.562

Female, Tiruvannamalai, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.2	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.012
C01-C02	Tongue	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.2	4.6	0.0	1.9	0.0	0.0	0.0	0.5	0.4	1.2	0.043
C03-C06	Mouth	26	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.4	9.1	5.1	5.7	18.3	6.8	6.7	2.0	1.9	3.5	0.242
C07-C08	Salivary Gland	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C09-C10	Oropharynx	10	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.5	1.7	7.6	0.0	10.3	0.0	0.8	0.7	1.7	0.111
C11	Nasopharynx	6	0.6	0.0	0.0	0.0	1.9	0.8	0.0	0.0	0.9	0.0	0.0	1.5	1.7	0.0	0.0	0.0	0.0	0.5	0.4	0.6	0.034
C12-C13	Hypopharynx	10	0.9	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.9	3.4	1.2	0.0	0.0	0.0	2.6	6.8	0.0	0.8	0.7	1.1	0.083
C14	Pharynx unsp	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C15	Oesophagus	12	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.1	1.2	1.5	3.4	3.8	0.0	3.4	6.7	0.9	0.8	2.0	0.082
C16	Stomach	45	4.1	0.0	0.0	0.0	0.0	0.0	1.5	1.9	1.9	5.7	8.3	7.6	6.8	13.3	15.7	13.7	3.4	3.4	3.2	6.9	0.381
C17	Small Intestine	3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.5	0.0	0.0	2.6	0.0	0.0	0.2	0.2	0.5	0.027
C18	Colon	15	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.3	0.0	3.0	6.8	3.8	7.9	0.0	3.4	1.1	1.1	2.3	0.123
C19-C20	Rectum	22	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.0	5.9	4.6	5.1	11.4	2.6	6.8	0.0	1.7	1.6	4.2	0.192
C21	Anus & Anal canal	4	0.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	2.6	0.0	0.0	0.3	0.3	0.5	0.035
C22	Liver etc.,	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	5.7	2.6	0.0	0.0	0.5	0.4	1.2	0.058
C23-C24	Gall Bladder etc.	17	1.6	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	1.2	1.5	5.1	13.3	2.6	6.8	3.4	1.3	1.2	2.8	0.156
C25	Pancreas	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	2.6	0.0	0.0	0.2	0.2	0.2	0.019
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C30-C31	Nasal Cavity etc.	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.1	0.1	0.0	0.013
C32	Larynx	4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.7	0.0	0.0	3.4	0.0	0.3	0.3	0.2	0.035
C33-C34	Lung	33	3.0	0.0	0.0	0.0	0.9	0.0	0.8	0.0	0.9	5.7	0.0	4.6	13.5	9.5	5.2	10.3	13.5	2.5	2.3	5.0	0.257
C37-C39	Oth Respiratory syst	6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.9	7.9	3.4	0.0	0.5	0.4	0.5	0.074
C40-C41	Bone	8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	0.0	1.2	3.0	0.0	1.9	2.6	0.0	0.0	0.6	0.5	1.3	0.058
C43	Melanoma of Skin	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C44	Skin - others	20	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	1.1	2.4	4.6	1.7	7.6	7.9	6.8	6.7	1.5	1.4	2.8	0.170
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	7	0.6	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.9	1.1	0.0	1.5	3.4	0.0	0.0	0.0	0.0	0.5	0.5	1.1	0.043
C50	Breast	188	17.3	0.0	0.0	0.0	0.0	0.8	0.0	9.7	14.2	19.3	42.7	44.1	42.3	30.4	57.6	44.5	13.5	14.4	13.2	31.2	1.515
C51	Vulva	11	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	5.1	1.9	5.2	3.4	10.1	0.8	0.8	1.1	0.084
C52	Vagina	9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.0	1.7	5.7	2.6	0.0	3.4	0.7	0.7	1.7	0.071
C53	Cervix	342	31.5	0.0	0.0	0.0	0.0	0.0	0.8	8.7	19.8	56.7	87.8	88.2	62.6	83.6	83.8	44.5	10.1	26.1	24.3	64.9	2.646
C54	Corpus Uteri	30	2.8	0.0	0.0	0.0	0.9	0.0	0.8	0.0	0.0	4.5	9.5	0.0	10.1	3.8	10.5	3.4	10.1	2.3	2.1	4.5	0.218
C55	Uterus unsp.	5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.4	1.5	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.1	0.029
C56	Ovary	75	6.9	0.0	0.0	0.0	0.9	1.6	2.3	1.9	4.7	10.2	13.0	10.7	22.0	22.8	10.5	17.1	3.4	5.7	5.2	12.9	0.586
C57	Oth female Genital	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.005
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	2	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.011
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	5.1	5.7	0.0	0.0	0.0	0.5	0.5	1.6	0.061
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.2	0.1	0.4	0.014
C70-C72	Brain & CNS	19	1.8	1.0	0.0	2.0	0.0	0.8	2.3	1.0	1.9	1.1	5.9	0.0	0.0	1.9	5.2	0.0	0.0	1.5	1.4	2.0	0.116
C73	Thyroid	37	3.4	0.0	0.0	0.0	0.0	0.0	5.3	4.8	5.7	3.4	3.6	6.1	8.5	0.0	5.2	0.0	6.7	2.8	2.4	4.5	0.213
C74	Adrenal Gland etc.,	2	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.2	0.2	0.0	0.022
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.004
C81	Hodgkin Disease	4	0.4	0.0	0.0	2.0	0.9	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.021
C82-86,96	Non-Hodg Lymphoma	12	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.3	2.4	0.0	5.1	1.9	0.0	3.4	3.4	0.9	0.8	1.8	0.085
C90	Multiple Myeloma	9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.0	1.7	0.0	5.2	3.4	0.0	0.7	0.7	1.4	0.085
C91	Lymphoid Leukaemia	13	1.2	4.2	2.1	1.0	0.9	0.0	0.0	0.0	1.9	1.1	0.0	1.5	0.0	0.0	0.0	3.4	0.0	1.0	1.2	0.8	0.081
C92-C94	Myeloid Leukaemia	10	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.3	2.4	3.0	1.7	1.9	0.0	0.0	0.0	0.8	0.7	1.9	0.066
C95	Unspeci. Leukaemia	2	0.2	0.0	0.0	0.0	0.9	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1		

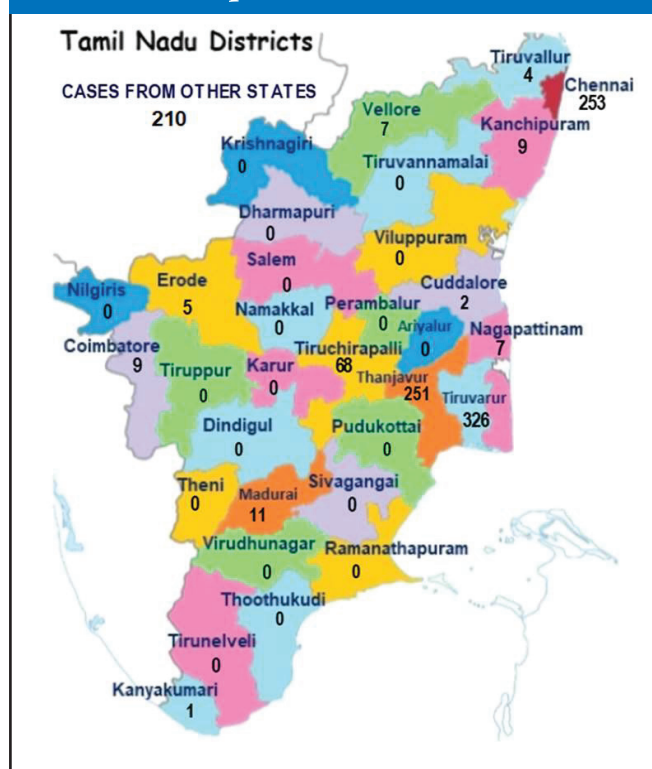
Residence District: Tiruvarur

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	444	510	509	509	528	550	567	584	600
FEMALE	643	693	536	635	635	606	599	591	584
TOTAL	1087	1203	1045	1144	1163	1156	1166	1175	1184

Year - 2016

New Cases - 1163

No. of Cases Reported from the Source District

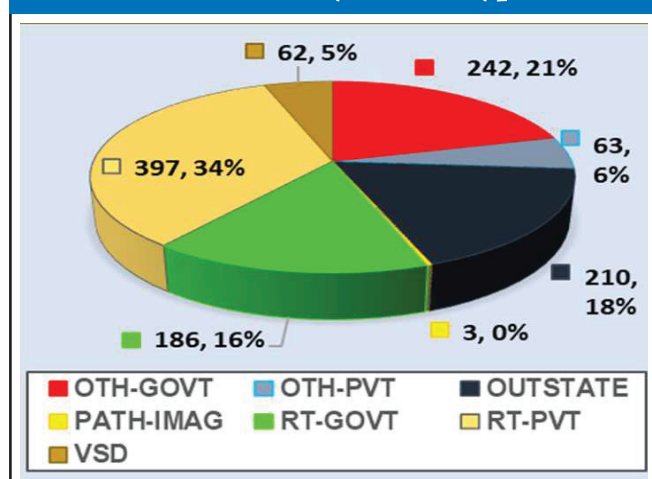


As per 2011 census

AREA (km²) : 2274

URBAN - RURAL (Ratio) 1 : 3.9

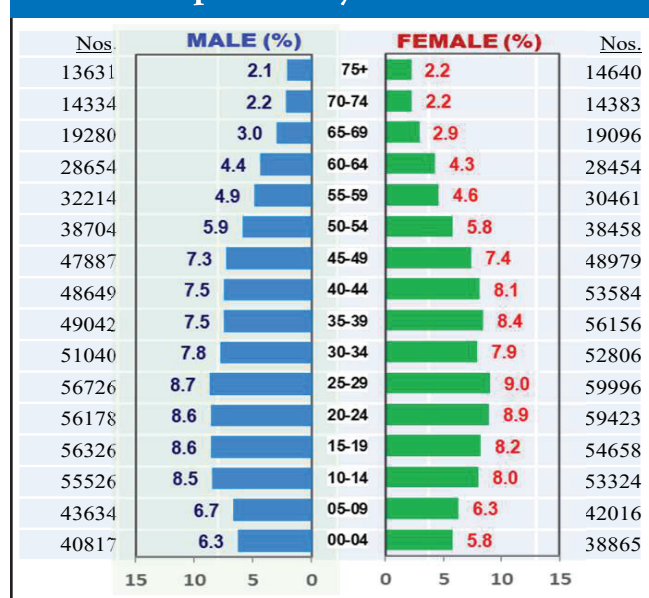
No. of Cases by Source Type



No. of Cases by Major Sources

SOURCE NAME	DISTRICT	No.
JIPMER	Pondicherry	191
Govt. Tiruvarur Med. Coll. Hos	Tiruvarur	170
Cancer Institute (WIA) - Adyar	Chennai	147
Govt. Thanjavur Med. Coll. Hos	Thanjavur	119
Tiruvarur Med. Cent. Hosp.	Tiruvarur	60
DPH - TVAR	Tiruvarur	58
Thanjavur Cancer Centre	Thanjavur	52
Meenakshi Hosp. Dr. APJ Abdul	Thanjavur	39
Rajiv Gandhi Govt. General Hos	Chennai	31
GVN Hosp. Singarathoppu	Tiruchirappalli	28
Govt. Raja Mirasudhar Hosp.	Thanjavur	24
Govt. Royapettah Hosp.	Chennai	22
Tamilnadu Govt Multi Super Spe	Chennai	15
Dr. G Viswanathan Speciality H	Tiruchirappalli	12
Vishnu Hosp.	Thanjavur	11
Vinayaka Mission's Med. Coll.	Pondicherry	11
Ashokumar Hospital	Tiruvarur	10
G Kuppusamy Naidu Memorial Hos	Coimbatore	7
Meenakshi Mission Hosp. & Res.	Madurai	7
Harshamitra Hosp.	Tiruchirappalli	7

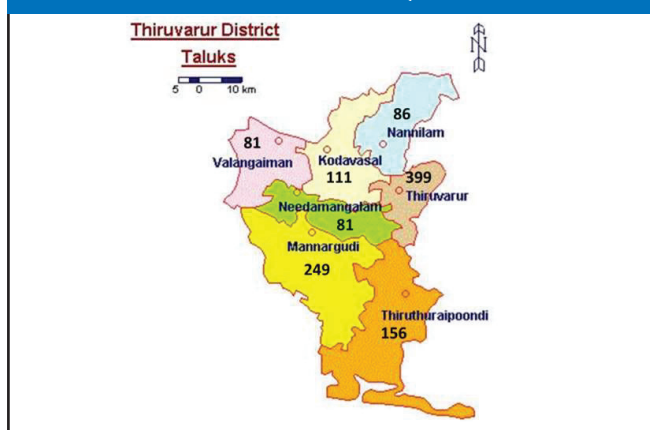
Population Pyramid 2016



Residence District: Tiruvarur

Year: 2016

No. of New Cases by Taluks

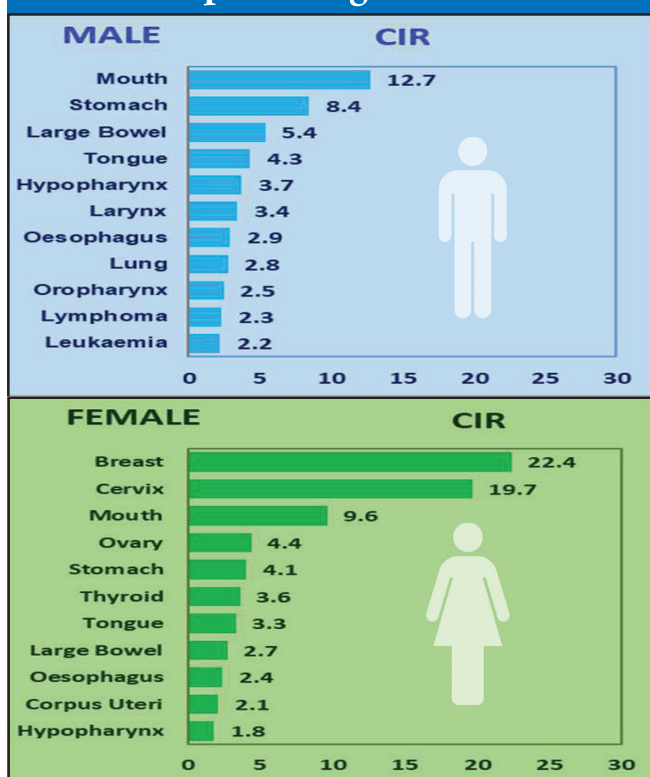


Cancer Incidence Statistics

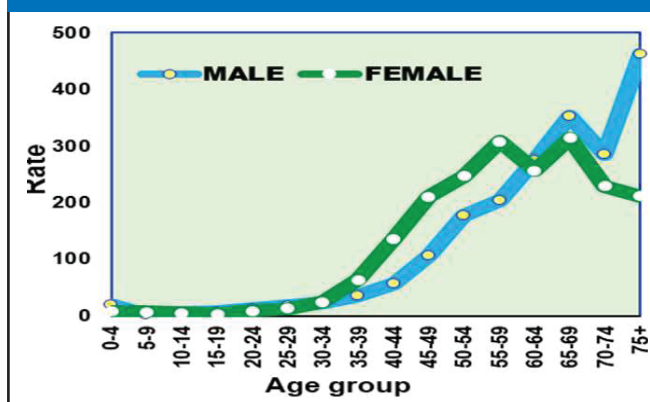
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	528	635	1163
%	45.4	54.6	100.0
CIR	80.9	95.4	88.2
CR% (0-74 YEARS)	7.626	8.776	8.211
ASR	73.3	83.5	78.5

A total of 1,163 new cancers, diagnosed in year 2016, were registered among 1.32 million population with a female (635) preponderance (1:1.20). Most of the cases were registered from hospitals located in Tiruvarur district (28%) followed by those in Chennai city (21.8%) and Thanjavur (21.6%) district. A majority were first diagnosed and/or registered at JIPMER, Pondichery (16.4%) followed by the Government Tiruvarur Medical College Hospital (14.6%) and the Cancer Institute (W.I.A), Chennai (12.6%). All hospitals with radiotherapy facility in non-government sector together accounted for 34%; cases registered based on a death certificate only comprised 5%. The average annual crude incidence rate (CIR) per 100,000 population for all cancers together was higher among women (95.4) than men (80.9). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 12. The most number of cases were registered from 35-64 years age group (67.5%); peak incidence rate was observed in 65-69 years of age among women and 75+ years among men. The most common cancers were as follows: Among men, the order was mouth (CIR:12.7), stomach (8.4) and large bowel (5.4); among women, it was breast (22.4), cervix (19.7) and mouth (9.6). The new cancer burden was estimated as 1,184 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	12	8.6	9	6.7
15-34	33	15.0	28	12.3
35-64	311	126.9	474	185.1
65+	172	364.1	124	257.7

CIR, ASR, other rates are per 1,00,000 population

Male, Tiruvarur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	7.3	0.3	0.3	0.0	0.035
C01-C02	Tongue	28	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.1	6.3	10.3	0.0	24.4	25.9	27.9	14.7	4.3	3.9	7.2	0.504
C03-C06	Mouth	83	15.7	0.0	0.0	0.0	0.0	0.0	3.5	3.9	2.0	6.2	14.6	43.9	43.5	41.9	62.2	20.9	73.4	12.7	11.3	22.5	1.209
C07-C08	Salivary Gland	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	7.3	0.3	0.3	0.0	0.035
C09-C10	Oropharynx	16	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	10.3	3.1	20.9	10.4	7.0	7.3	2.5	2.2	5.2	0.269
C11	Nasopharynx	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.5	0.4	1.3	0.045
C12-C13	Hypopharynx	24	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	10.4	7.8	3.1	17.5	20.7	7.0	29.4	3.7	3.3	6.3	0.343
C14	Pharynx unsp	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.2	0.1	0.0	0.000
C15	Oesophagus	19	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	2.1	7.8	3.1	7.0	31.1	14.0	14.7	2.9	2.7	3.8	0.345
C16	Stomach	55	10.4	0.0	0.0	0.0	0.0	1.8	1.8	5.9	4.1	0.0	8.4	23.3	27.9	24.4	51.9	48.8	14.7	8.4	7.5	12.9	0.986
C17	Small Intestine	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	6.2	0.0	0.0	0.0	0.0	0.5	0.4	1.2	0.044
C18	Colon	17	3.2	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.0	4.1	2.1	5.2	6.2	10.5	15.6	14.0	0.0	2.6	2.3	4.6	0.307
C19-C20	Rectum	18	3.4	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	2.1	6.3	10.3	9.3	7.0	10.4	7.0	7.3	2.8	2.4	5.4	0.271
C21	Anus & Anal canal	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	3.1	3.5	10.4	0.0	7.3	0.9	0.8	1.3	0.095
C22	Liver etc.,	9	1.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	6.2	3.5	5.2	7.0	14.7	1.4	1.4	1.7	0.134
C23-C24	Gall Bladder etc.	10	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.1	7.8	6.2	3.5	10.4	0.0	0.0	1.5	1.3	3.3	0.159
C25	Pancreas	5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	3.1	7.0	5.2	0.0	0.0	0.8	0.7	1.7	0.087
C26	Other G.I Tract	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.2	0.1	0.0	0.000
C30-C31	Nasal Cavity etc.	9	1.7	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.0	0.0	0.0	5.2	12.4	0.0	0.0	7.0	0.0	1.4	1.2	2.8	0.141
C32	Larynx	22	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	5.2	9.3	20.9	5.2	14.0	29.4	3.4	3.0	6.4	0.315
C33-C34	Lung	18	3.4	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.0	2.1	2.1	0.0	3.1	17.5	25.9	14.0	7.3	2.8	2.5	3.8	0.341
C37-C39	Oth Respiratory syst	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	0.0	0.0	0.3	0.3	0.0	0.052
C40-C41	Bone	6	1.1	0.0	0.0	0.0	3.6	1.8	0.0	0.0	0.0	2.1	2.1	0.0	0.0	0.0	0.0	0.0	7.3	0.9	0.9	0.8	0.047
C43	Melanoma of Skin	5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	5.2	0.0	14.7	0.8	0.7	0.9	0.061
C44	Skin - others	12	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.2	2.6	6.2	7.0	0.0	0.0	22.0	1.8	1.6	3.7	0.120
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	6	1.1	2.5	2.3	0.0	0.0	1.8	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	7.0	0.0	0.9	1.1	0.8	0.088
C50	Breast	3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	5.2	0.0	7.3	0.5	0.4	0.4	0.036
C60	Penis	7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	5.2	9.3	0.0	0.0	0.0	7.3	1.1	0.9	2.4	0.083
C61	Prostate	5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	22.0	0.8	0.7	0.0	0.070
C62	Testis	2	0.4	0.0	0.0	1.8	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.019
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.1	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.028
C65	Renal Pelvis	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.2	0.1	0.5	0.017
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	3.1	3.5	0.0	0.0	7.3	0.6	0.5	1.2	0.043
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	13	2.5	2.5	0.0	1.8	0.0	0.0	1.8	0.0	2.0	2.1	6.3	5.2	3.1	0.0	0.0	14.0	0.0	2.0	1.9	3.2	0.193
C73	Thyroid	7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	3.9	2.0	0.0	4.2	0.0	0.0	3.5	5.2	0.0	0.0	1.1	0.9	1.7	0.094
C74	Adrenal Gland etc.,	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.010
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	4	0.8	0.0	0.0	1.8	1.8	0.0	0.0	2.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.4	0.041
C82-86,96	Non-Hodg Lymphoma	11	2.1	4.9	0.0	0.0	0.0	0.0	1.8	2.0	2.0	2.1	4.2	0.0	3.1	3.5	0.0	0.0	7.3	1.7	1.8	2.5	0.117
C90	Multiple Myeloma	5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	5.2	0.0	0.0	5.2	0.0	7.3	0.8	0.7	1.2	0.062
C91	Lymphoid Leukaemia	6	1.1	7.4	0.0	0.0	0.0	1.8	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.9	1.3	0.4	0.082
C92-C94	Myeloid Leukaemia	7	1.3	0.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.6	0.0	7.0	0.0	0.0	14.7	1.1	1.0	1.3	0.066
C95	Unspeci. Leukaemia	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.013
Oth & Unsp	Others & Unspecified	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.2	0.2	0.0	0.026
C76-80	Primary Uncertain	66	12.5	0.0	0.0	0.0	0.0	1.8	3.5	5.9	12.2	10.3	10.4	7.8	31.0	24.4	20.7	48.8	95.4	10.1	8.9	14.8	0.882
TOTAL		528	100.0	19.6	2.3	5.4	7.1	12.5	17.6	23.5	36.7	57.6	106.5	178.3	204.9	275.7	352.7	286.0	462.2	80.9	73.3	129.6	7.626

Female, Tiruvarur, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD-10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	5.2	0.0	0.0	0.5	0.4	0.8	0.059
C01-C02	Tongue	22	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	11.2	2.0	5.2	6.6	17.6	10.5	0.0	20.5	3.3	2.9	6.9	0.274
C03-C06	Mouth	64	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	16.8	10.2	28.6	39.4	45.7	26.2	27.8	27.3	9.6	8.4	21.2	0.978
C07-C08	Salivary Gland	1	0.2	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.008
C09-C10	Oropharynx	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.2	0.2	0.0	0.026
C11	Nasopharynx	1	0.2	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.009
C12-C13	Hypopharynx	12	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.7	8.2	2.6	6.6	3.5	0.0	0.0	0.0	1.8	1.5	4.7	0.141
C14	Pharynx unsp	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.2	0.1	0.5	0.018
C15	Oesophagus	16	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.1	2.6	3.3	14.1	21.0	13.9	6.8	2.4	2.2	3.8	0.304
C16	Stomach	27	4.3	0.0	0.0	0.0	0.0	1.7	0.0	0.0	5.3	0.0	10.2	15.6	6.6	7.0	21.0	13.9	13.7	4.1	3.6	7.3	0.405
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	10	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	1.9	4.1	2.6	3.3	3.5	0.0	7.0	6.8	1.5	1.2	3.1	0.129
C19-C20	Rectum	8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	5.2	0.0	3.5	5.2	0.0	0.0	1.2	1.0	2.9	0.110
C21	Anus & Anal canal	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	5.2	7.0	0.0	0.5	0.4	0.3	0.070
C22	Liver etc.,	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	5.2	0.0	0.0	0.3	0.3	0.4	0.036
C23-C24	Gall Bladder etc.	6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	2.6	3.3	3.5	5.2	7.0	0.0	0.9	0.8	1.3	0.117
C25	Pancreas	8	1.3	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.9	0.0	2.6	9.8	0.0	0.0	7.0	6.8	1.2	1.1	2.1	0.115
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.0	2.6	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.2	0.033
C32	Larynx	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	2.0	0.0	0.0	0.0	5.2	0.0	0.0	0.5	0.4	0.4	0.046
C33-C34	Lung	10	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	8.2	2.6	3.3	0.0	5.2	7.0	0.0	1.5	1.3	3.1	0.150
C37-C39	Oth Respiratory syst	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.022
C40-C41	Bone	3	0.5	0.0	0.0	1.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.5	0.5	0.0	0.019
C43	Melanoma of Skin	3	0.5	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	7.0	0.0	0.5	0.5	0.5	0.064
C44	Skin - others	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	10.5	0.0	0.0	0.5	0.4	0.4	0.069
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C50	Breast	149	23.5	0.0	0.0	0.0	0.0	1.7	3.3	3.8	19.6	41.1	65.3	57.2	85.4	38.7	41.9	48.7	34.2	22.4	18.9	49.6	2.012
C51	Vulva	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	5.2	0.0	0.0	0.3	0.3	0.5	0.044
C52	Vagina	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.6	3.3	0.0	0.0	0.0	0.0	0.5	0.4	1.2	0.039
C53	Cervix	131	20.6	0.0	0.0	0.0	0.0	0.0	1.7	3.8	7.1	24.3	47.0	62.4	82.1	56.2	68.1	48.7	20.5	19.7	17.1	43.1	1.986
C54	Corpus Uteri	14	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.7	4.1	5.2	9.8	3.5	10.5	7.0	0.0	2.1	1.8	4.4	0.228
C55	Uterus unsp.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.009
C56	Ovary	29	4.6	0.0	0.0	0.0	0.0	3.4	0.0	3.8	1.8	9.3	12.3	7.8	13.1	10.5	0.0	13.9	6.8	4.4	3.7	8.8	0.378
C57	Oth female Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	5	0.8	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	5.2	7.0	6.8	0.8	0.8	0.4	0.086
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	0.0	0.0	0.0	6.8	0.5	0.4	0.8	0.029
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	9	1.4	0.0	0.0	1.9	0.0	0.0	0.0	1.9	3.6	1.9	4.1	2.6	0.0	3.5	0.0	0.0	0.0	1.4	1.1	2.7	0.097
C73	Thyroid	24	3.8	0.0	0.0	0.0	0.0	0.0	6.7	5.7	7.1	3.7	12.3	2.6	0.0	3.5	15.7	0.0	0.0	3.6	3.0	5.3	0.286
C74	Adrenal Gland etc.,	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.2	0.1	0.5	0.018
C82-86,96	Non-Hodg Lymphoma	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	6.8	0.6	0.6	1.4	0.054
C90	Multiple Myeloma	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.5	0.0	0.0	0.0	0.3	0.3	0.9	0.034
C91	Lymphoid Leukaemia	4	0.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.3	0.048
C92-C94	Myeloid Leukaemia	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.2	0.035
C95	Unspeci. Leukaemia	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									

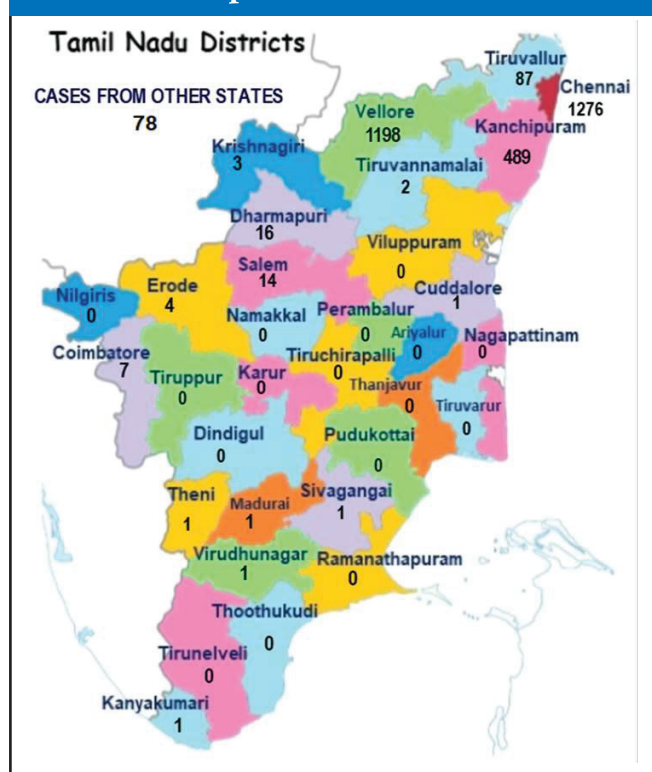
Residence District: Vellore

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	969	963	1143	1123	1324	1365	1452	1539	1626
FEMALE	1289	1465	1660	1546	1856	1928	2049	2171	2292
TOTAL	2258	2428	2803	2669	3180	3293	3501	3710	3918

Year - 2016

New Cases - 3180

No. of Cases Reported from the Source District



No. of Cases by Major Sources

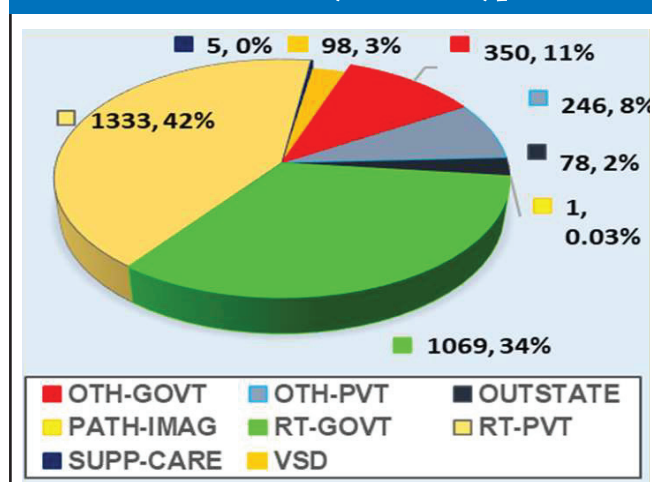
SOURCE NAME	DISTRICT	No.
Christian Med. Coll. Hosp.	Vellore	865
Rajiv Gandhi Govt. General Hos	Chennai	426
RCC Govt. Arignar Anna Mem. C	Kanchipuram	425
Cancer Institute (WIA) - Adyar	Chennai	356
Govt. Vellore Med. Coll. Hosp.	Vellore	119
Govt. Royapettah Hosp.	Chennai	87
DPH - VELL	Vellore	80
Govt. Hosp. for Women & Chil	Chennai	74
Sri Ramachandra Med.Coll. & Re	Tiruvallur	63
Tamilnadu Govt Multi Super Spe	Chennai	58
Narayani Hosp.	Vellore	51
Govt. Stanley Med. Coll.	Chennai	48
JIPMER	Pondicherry	44
Apollo Hosp. Greams Road	Chennai	28
Menakshi Med. Coll. Hosp. & Re	Kanchipuram	28
Inst. of Child Health & Hosp.	Chennai	25
Comprehensive Blood & Cancer	Tiruvallur	23
V S Hospitals Advanced Cancer	Chennai	18
Billroth Hosp. - Shenoy Nagar	Chennai	16
GH Vaniyambadi	Vellore	15

As per 2011 census

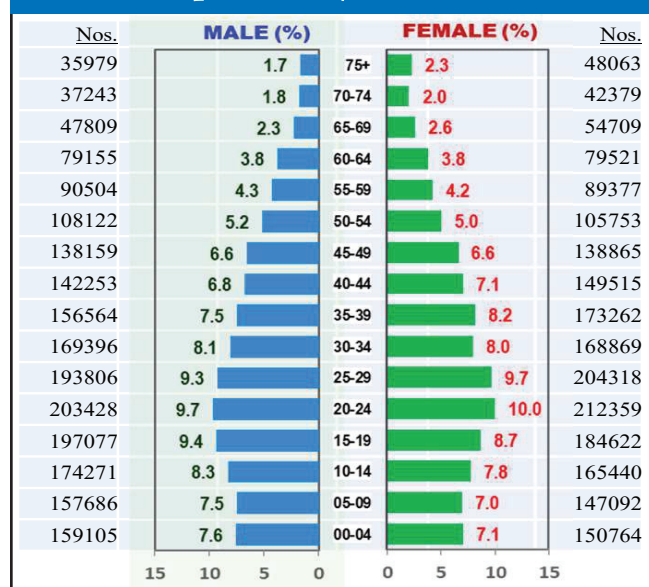
AREA (km²) : 6075

URBAN - RURAL (Ratio) 1 : 1.31

No. of Cases by Source Type



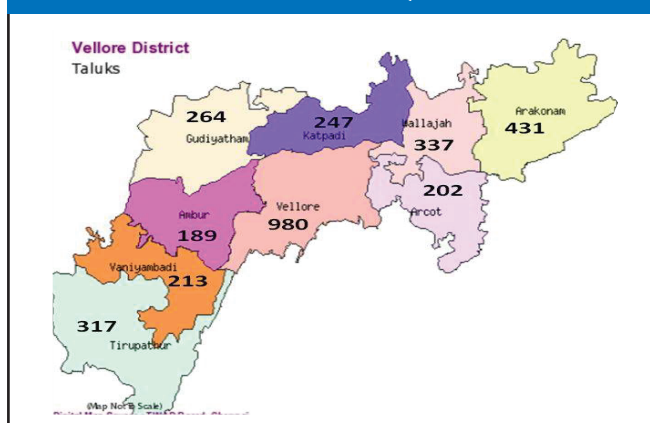
Population Pyramid 2016



Residence District: Vellore

Year: 2016

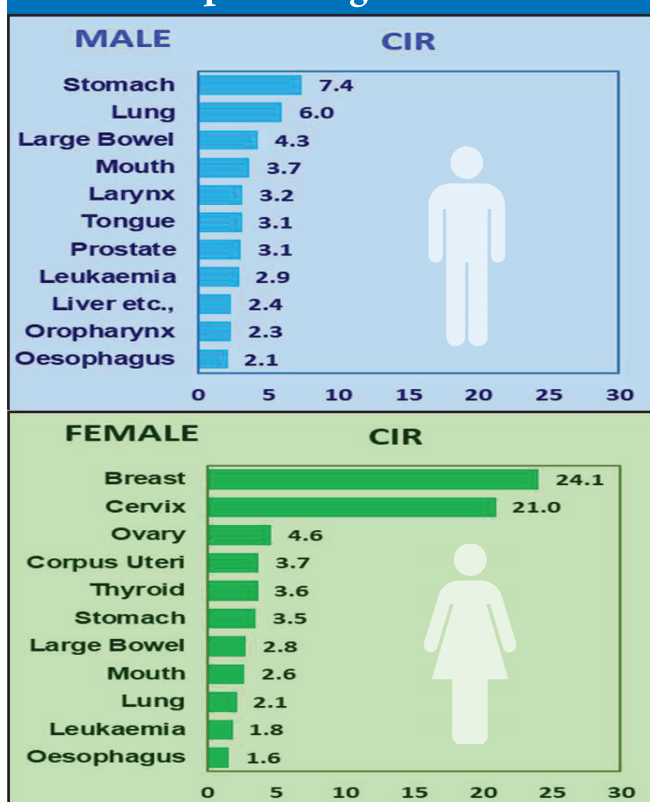
No. of New Cases by Taluks



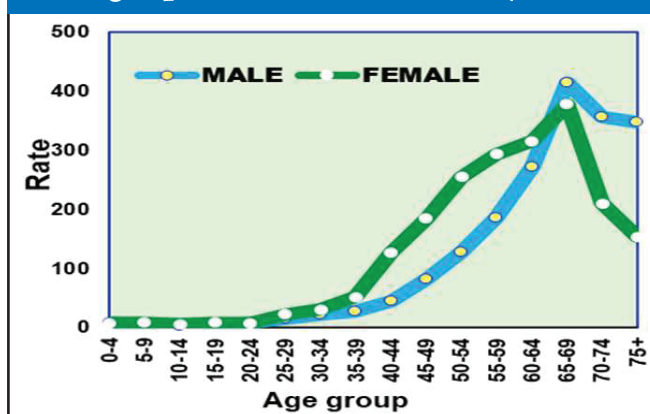
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1324	1856	3180
%	41.6	58.4	100.0
CIR	63.3	87.8	75.6
CR% (0-74 YEARS)	7.607	9.107	8.337
ASR	66.2	85.0	75.2

Top Ranking Cancers



Age Specific Incidence Rates by Sex



CIR, ASR, other rates are per 1,00,000 population

A total of 3,180 new cancers, diagnosed in year 2016, were registered among 4.21 million population with a female preponderance (1:1.40). Two-fifth of the cases were registered from hospitals located in Chennai city followed by those in Vellore (37.7%) and Kanchipuram (15.4%) districts. A majority were first diagnosed/treated at the Christian Medical College and Hospital, Vellore (27.2%) while the Rajiv Gandhi Government General Hospital, Chennai and Government Arignar Anna Memorial Cancer Hospital, Kanchipuram were the next in order (13.4%); all hospitals with radiotherapy facility in non-government sector together accounted for most cases (42%). The average annual CIR per 100,000 population for all cancers together was higher among women (87.8) than men (63.3). The cumulative risk of acquiring cancer in one's lifetime for both sexes together was one in 12. The number of cases were the highest in 35-64 years age-group while the peak incidence rate was observed in 65-69 years of age among both sexes. The most common cancers were as follows: Among men, the order was stomach (CIR:7.4), lung (6.0) and large bowel (4.3); among women, the order was breast (24.1), cervix (21.0), ovary (4.6) and corpus uteri (3.7). The new cancer burden was estimated as 3,918 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	27	5.5	34	7.3
15-34	95	12.4	130	16.9
35-64	746	104.4	1322	179.5
65+	456	376.8	370	254.9

Male, Vellore, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.1	0.0	0.0	0.1	0.1	0.1	0.015
C01-C02	Tongue	65	4.9	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.9	0.7	8.0	12.0	9.9	8.8	16.7	10.7	11.1	3.1	3.1	6.4	0.359
C03-C06	Mouth	77	5.8	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.9	4.9	5.1	7.4	12.2	12.6	23.0	29.5	19.5	3.7	3.8	6.7	0.488
C07-C08	Salivary Gland	4	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.3	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.2	0.4	0.016
C09-C10	Oropharynx	49	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	4.6	5.5	10.1	18.8	26.9	19.5	2.3	2.6	3.5	0.348
C11	Nasopharynx	7	0.5	0.0	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.7	0.0	0.0	2.2	0.0	0.0	0.0	2.8	0.3	0.3	0.4	0.022
C12-C13	Hypopharynx	24	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.2	1.9	4.4	5.1	6.3	5.4	8.3	1.1	1.2	2.3	0.137
C14	Pharynx unsp	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.5	2.1	0.0	2.8	0.2	0.3	0.5	0.029
C15	Oesophagus	44	3.3	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	2.9	4.6	4.4	8.8	25.1	8.1	16.7	2.1	2.3	3.2	0.278
C16	Stomach	154	11.6	0.0	0.0	0.0	0.0	0.0	0.5	1.8	1.9	2.1	10.1	16.7	26.5	39.2	56.5	43.0	38.9	7.4	7.8	13.9	0.986
C17	Small Intestine	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	2.1	2.7	0.0	0.2	0.2	0.3	0.034
C18	Colon	39	2.9	0.0	0.0	0.0	0.0	0.0	2.6	1.8	1.9	3.5	1.4	0.9	2.2	7.6	10.5	8.1	11.1	1.9	1.9	2.7	0.202
C19-C20	Rectum	51	3.9	0.0	0.0	0.0	0.0	1.0	0.5	1.8	1.3	3.5	2.2	7.4	4.4	3.8	18.8	10.7	19.5	2.4	2.5	3.6	0.277
C21	Anus & Anal canal	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.1	3.8	0.0	0.0	2.8	0.3	0.3	0.9	0.033
C22	Liver etc.,	50	3.8	0.6	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.7	2.9	5.5	6.6	15.2	16.7	16.1	11.1	2.4	2.6	4.5	0.327
C23-C24	Gall Bladder etc.	26	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	2.9	5.6	0.0	8.8	8.4	5.4	2.8	1.2	1.3	2.9	0.161
C25	Pancreas	21	1.6	0.0	0.0	0.0	0.0	0.5	0.0	1.2	0.0	0.7	2.9	0.9	1.1	7.6	0.0	10.7	2.8	1.0	1.0	2.0	0.128
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.006
C30-C31	Nasal Cavity etc.	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.1	2.5	4.2	0.0	0.0	0.3	0.4	0.8	0.048
C32	Larynx	67	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	2.8	5.1	9.2	6.6	13.9	33.5	21.5	8.3	3.2	3.4	5.8	0.468
C33-C34	Lung	125	9.4	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.6	2.1	3.6	11.1	24.3	44.2	56.5	32.2	19.5	6.0	6.4	11.9	0.872
C37-C39	Oth Respiratory syst	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C40-C41	Bone	12	0.9	0.0	0.6	0.6	1.5	0.5	0.0	0.6	0.6	0.0	0.0	0.9	1.1	0.0	2.1	2.7	0.0	0.6	0.6	0.4	0.056
C43	Melanoma of Skin	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.5	2.1	2.7	2.8	0.3	0.4	0.6	0.046
C44	Skin - others	13	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	3.3	2.5	8.4	2.7	0.0	0.6	0.7	1.2	0.097
C45	Mesothelioma	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	2.8	0.1	0.1	0.0	0.010
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	16	1.2	0.0	0.0	0.0	1.0	0.5	0.5	0.6	1.3	0.0	2.2	0.0	2.2	0.0	4.2	2.7	2.8	0.8	0.7	1.0	0.076
C50	Breast	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.1	3.8	0.0	0.0	2.8	0.3	0.3	0.8	0.028
C60	Penis	31	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.7	3.6	2.8	4.4	6.3	8.4	5.4	13.9	1.5	1.5	2.9	0.164
C61	Prostate	64	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.7	5.5	8.8	20.9	43.0	58.4	3.1	3.5	2.6	0.412
C62	Testis	7	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.6	0.0	0.0	0.9	1.1	1.3	2.1	0.0	0.0	0.3	0.3	0.6	0.036
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	19	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.4	2.8	2.2	5.1	2.1	8.1	2.8	0.9	0.9	2.1	0.119
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	28	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.8	8.8	2.5	8.4	13.4	13.9	1.3	1.4	2.1	0.183
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	3	0.2	1.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C70-C72	Brain & CNS	31	2.3	0.6	1.9	0.0	1.0	1.0	1.8	1.3	2.8	2.2	0.0	2.2	2.5	4.2	2.7	5.6	1.5	1.5	1.8	0.126	
C73	Thyroid	14	1.1	0.0	0.0	0.0	0.0	0.5	0.5	1.8	0.6	1.4	1.4	0.0	1.1	1.3	0.0	5.4	0.0	0.7	0.6	1.0	0.070
C74	Adrenal Gland etc.,	3	0.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.009
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.006
C81	Hodgkin Disease	12	0.9	0.0	0.0	1.1	0.5	0.0	0.5	0.0	1.9	0.7	0.0	1.9	2.2	0.0	0.0	0.0	0.0	0.6	0.5	1.1	0.044
C82-86,96	Non-Hodg Lymphoma	26	2.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	2.8	3.6	3.7	3.3	5.1	2.1	2.7	2.8	1.2	1.2	2.9	0.125
C90	Multiple Myeloma	12	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.7	2.2	0.0	4.4	0.0	4.2	0.0	0.0	0.6	0.6	1.4	0.064
C91	Lymphoid Leukaemia	19	1.4	2.5	1.9	1.7	0.0	1.0	0.0	1.2	0.0	0.0	0.7	0.0	0.0	3.8	0.0	2.7	0.0	0.9	1.0	0.6	0.078
C92-C94	Myeloid Leukaemia	40	3.0	0.6	0.6	0.0	1.0	1.5	2.1	3.0	2.6	0.7	4.3	1.9	3.3	3.8	2.1	5.4	5.6	1.9	1.8	2.7	0.165
C95	Unspeci. Leukaemia	2	0.2	0.0	0.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
Oth & Unsp	Others & Unspecified	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	2.8	0.1	0.1	0.1	0.006
C76-80	Primary Uncertain	125	9.4	0.0	0.0	0.0	0.5	0.0	2.1	1.2	3.8	7.0	5.1	12.0	22.1	26.5	39.7	26.9	33.4	6.0	6.2	11.3	0.734
TOTAL		1324	100.0	7.5	5.7	3.4	6.6	8.4	15.0	21.3	28.1	45.7	82.5	128.6	186.7	271.6	414.2	357.1	347.5	63.3	66.2	110.1	7.607

**No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)**

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.004
C01-C02	Tongue	24	1.3	0.0	0.0	0.0	0.0	0.0	1.0	0.6	1.7	0.7	2.2	3.8	3.4	0.0	5.5	2.4	6.2	1.1	1.0	1.9	0.106
C03-C06	Mouth	56	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.6	0.6	2.7	5.0	6.6	5.6	13.8	16.5	9.4	12.5	2.6	2.7	5.2	0.308
C07-C08	Salivary Gland	9	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.7	2.2	0.0	1.1	2.5	0.0	0.0	0.0	0.4	0.4	1.1	0.038
C09-C10	Oropharynx	4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.1	1.3	1.8	0.0	0.0	0.2	0.2	0.4	0.024
C11	Nasopharynx	3	0.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C12-C13	Hypopharynx	25	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.3	2.2	3.8	6.7	1.3	1.8	4.7	2.1	1.2	1.1	2.9	0.125
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	33	1.8	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.6	1.3	1.4	4.7	6.7	10.1	9.1	0.0	4.2	1.6	1.5	3.6	0.175
C16	Stomach	73	3.9	0.0	0.0	0.0	0.0	0.5	0.0	3.6	1.7	4.0	5.8	6.6	22.4	10.1	18.3	2.4	6.2	3.5	3.3	7.5	0.375
C17	Small Intestine	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007	
C18	Colon	23	1.2	0.0	0.0	0.0	0.0	0.9	0.0	1.2	1.2	0.0	2.2	4.7	1.1	2.5	7.3	2.4	2.1	1.1	1.0	1.9	0.117
C19-C20	Rectum	36	1.9	0.0	0.0	0.0	0.0	0.5	1.0	1.2	0.6	1.3	1.4	7.6	5.6	3.8	11.0	9.4	0.0	1.7	1.7	3.1	0.217
C21	Anus & Anal canal	8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.9	0.0	1.3	3.7	2.4	0.0	0.4	0.4	0.7	0.053
C22	Liver etc.,	8	0.4	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	2.2	0.0	3.7	0.0	0.0	0.4	0.4	0.7	0.046
C23-C24	Gall Bladder etc.	25	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.3	1.4	4.7	1.1	5.0	9.1	4.7	2.1	1.2	1.2	2.3	0.146
C25	Pancreas	6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	2.2	1.3	1.8	0.0	0.0	0.3	0.3	0.7	0.035
C26	Other G.I Tract	2	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C30-C31	Nasal Cavity etc.	9	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.1	6.3	1.8	0.0	0.0	0.4	0.5	1.1	0.052
C32	Larynx	14	0.8	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.6	0.0	0.0	2.8	1.1	2.5	7.3	0.0	2.1	0.7	0.7	1.0	0.077
C33-C34	Lung	44	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.0	5.8	3.8	4.5	11.3	9.1	7.1	10.4	2.1	2.0	4.5	0.227
C37-C39	Oth Respiratory syst	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.1	0.1	0.0	0.018
C40-C41	Bone	7	0.4	0.0	0.7	0.0	0.5	0.5	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.3	0.3	0.0	0.016
C43	Melanoma of Skin	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	0.0	1.1	2.5	0.0	0.0	0.0	0.2	0.2	0.7	0.024
C44	Skin - others	22	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.0	1.4	0.9	4.5	2.5	9.1	4.7	2.1	1.0	1.0	1.9	0.132
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	11	0.6	0.7	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.7	2.2	0.0	1.1	1.3	1.8	0.0	2.1	0.5	0.5	0.9	0.044
C50	Breast	509	27.4	0.0	0.0	0.0	0.0	0.0	5.9	9.5	15.6	43.5	52.6	79.4	72.7	88.0	91.4	56.6	47.9	24.1	23.0	55.2	2.543
C51	Vulva	7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.1	1.3	0.0	2.4	6.2	0.3	0.3	0.4	0.027
C52	Vagina	16	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.4	1.9	1.1	6.3	7.3	0.0	0.0	0.8	0.8	1.8	0.096
C53	Cervix	443	23.9	0.0	0.0	0.0	0.0	0.5	1.0	3.0	12.7	33.4	63.4	63.4	86.2	71.7	69.5	56.6	25.0	21.0	20.1	51.8	2.280
C54	Corpus Uteri	78	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	5.0	14.2	16.8	18.9	25.6	16.5	6.2	3.7	3.7	8.1	0.490
C55	Uterus unsp.	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.8	0.0	0.0	0.1	0.1	0.1	0.015
C56	Ovary	97	5.2	0.0	0.0	0.0	0.0	0.9	1.5	1.8	2.3	9.4	7.9	15.1	14.6	23.9	12.8	2.4	8.3	4.6	4.4	11.2	0.462
C57	Oth female Genital	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	0.0	0.0	0.0	0.1	0.1	0.3	0.012
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.003
C64	Kidney	13	0.7	0.7	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0	2.2	1.9	2.2	1.3	1.8	0.0	0.0	0.6	0.7	1.2	0.059
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	3.7	2.4	4.2	0.3	0.3	0.3	0.041
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	1	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.003
C70-C72	Brain & CNS	26	1.4	0.7	2.7	1.2	0.5	0.5	1.5	1.2	1.2	1.3	0.7	0.9	1.1	1.3	7.3	0.0	0.0	1.2	1.3	1.1	0.110
C73	Thyroid	77	4.1	0.0	0.0	0.0	1.1	1.9	3.9	3.6	4.6	10.0	3.6	6.6	7.8	7.5	9.1	9.4	0.0	3.6	3.3	6.6	0.345
C74	Adrenal Gland etc.,	3	0.2	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.1	0.2	0.0	0.016
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	2	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C82-86,96	Non-Hodg Lymphoma	18	1.0	0.7	0.7	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.7	0.9	2.2	5.0	9.1	2.4	0.0	0.9	0.9	1.3	0.114
C90	Multiple Myeloma	8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.7	0.0	2.8	0.0	1.3	1.8	2.4	0.0	0.4	0.4	0.7	0.048
C91	Lymphoid Leukaemia	16	0.9	2.0	2.0	2.4	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.8	0.0	0.0	0.8	0.9	0.2	0.056
C92-C94	Myeloid Leukaemia	21	1.1	1.3	0.0	1.2	2.2	0.5	0.5	0.6	0.0	0.0	4.3	2.8	0.0	0.0	1.8	0.0	0.0	1.0	1.0	1.3	0.076
C95	Unspeci. Leukaemia	1	0.																				

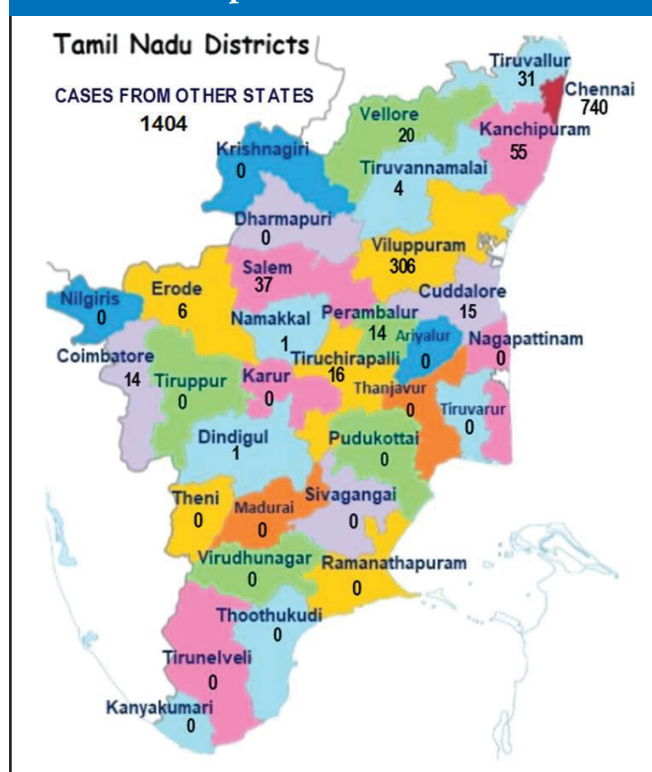
Residence District: Viluppuram

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	946	938	1075	1071	1151	1199	1253	1308	1362
FEMALE	1432	1292	1469	1375	1513	1490	1514	1539	1563
TOTAL	2378	2230	2544	2446	2664	2689	2767	2847	2925

Year - 2016

New Cases - 2664

No. of Cases Reported from the Source District



No. of Cases by Major Sources

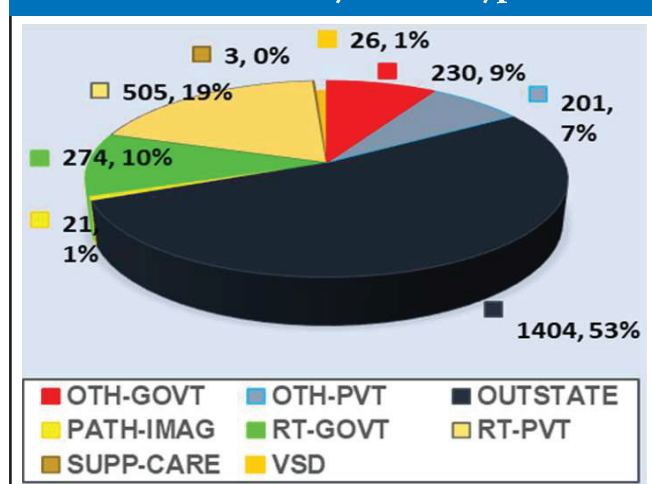
SOURCE NAME	DISTRICT	No.
JIPMER	Pondicherry	1132
Cancer Institute (WIA) - Adyar	Chennai	361
Rajiv Gandhi Govt. General Hos	Chennai	142
Sri Manakula Vinayagar Med. Co	Pondicherry	114
Govt. Villupuram Med. Coll. Hos	Villuppuram	100
Govt. Royapettah Hosp.	Chennai	39
Durai Gastro Care	Villuppuram	35
Tamilnadu Govt Multi Super Spe	Chennai	33
Pondicherry Inst. of Med. Scie	Pondicherry	32
Govt. Hosp. for Women & Chil	Chennai	28
Apollo Hosp.	Chennai	27
Puduchery Cancer Trust Hosp.	Pondicherry	27
Sri Ramachandra Med.Coll. & Re	Tiruvallur	27
Mahatma Gandhi Med. Coll. & Ho	Pondicherry	26
RCC Govt. Arignar Anna Mem. Ca	Kanchipuram	26
Govt. Stanley Med. Coll.	Chennai	26
Sumathi Nursing Home	Villuppuram	23
DPH - VLPM	Villuppuram	23
Indira Gandhi Govt Med. Coll.	Pondicherry	23
Iniyam Scans	Villuppuram	18

As per 2011 census

AREA (km²) : 3394

URBAN - RURAL (Ratio) 1 : 5.66

No. of Cases by Source Type



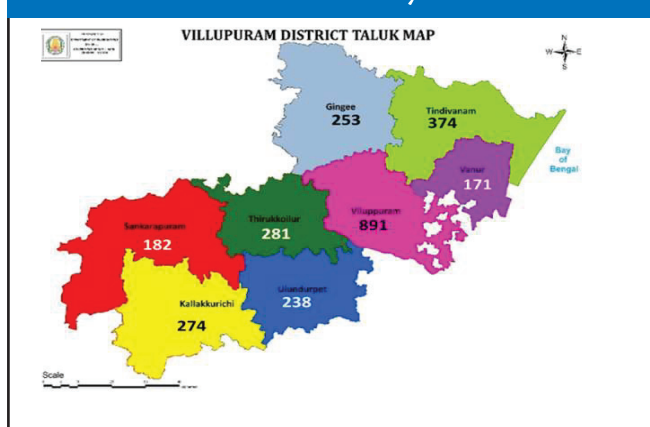
Population Pyramid 2016

Nos.	MALE (%)	FEMALE (%)	Nos.
36552	1.9	1.9	34843
37304	2.0	1.9	36273
45618	2.4	2.7	49725
69196	3.7	3.9	72455
75132	4.0	4.3	80221
85937	4.5	4.8	89241
113867	6.0	6.1	114856
125154	6.6	6.6	123487
141947	7.5	8.1	150752
156207	8.3	7.9	146980
184203	9.7	10.1	188615
176611	9.3	9.6	180214
169162	9.0	8.3	155417
160782	8.5	8.2	153045
155670	8.2	7.9	147415
156431	8.3	7.8	144903

Residence District: Viluppuram

Year: 2016

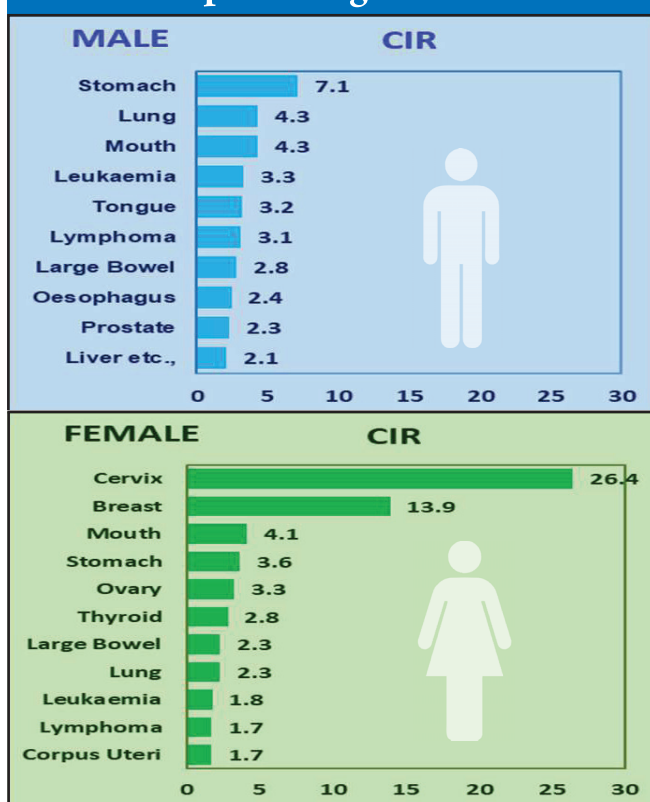
No. of New Cases by Taluks



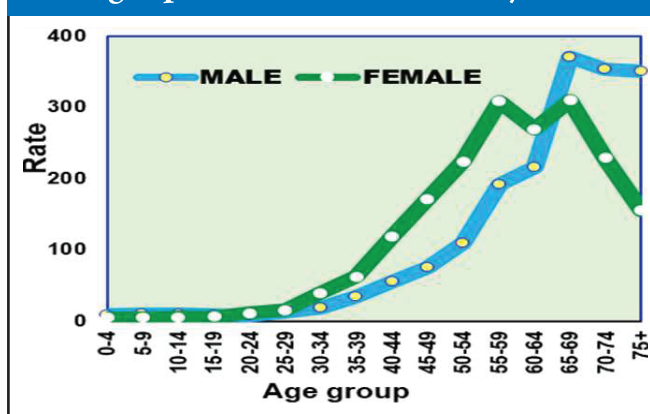
Cancer Incidence Statistics

	MALE	FEMALE	TOTAL (M+F)
NEW CASES	1151	1513	2664
%	43.2	56.8	100.0
CIR	60.9	81.0	70.9
CR% (0-74 YEARS)	7.158	8.522	7.859
ASR	63.6	79.2	71.6

Top Ranking Cancers



Age Specific Incidence Rates by Sex



CIR, ASR, other rates are per 1,00,000 population

A total of 2,664 new cancers, diagnosed in year 2016, were registered among 4.38 million population with a female (1513) preponderance (1:1.31). More than half the number cases were registered from hospitals from Pondichery and outside the state followed by those in Chennai (27.8%) city and Viluppuram (11.5%) district. A majority were first diagnosed/treated at JIPMER, Pondichery (42.5%) while the Cancer Institute (W.I.A), Chennai (13.6%) and Rajiv Gandhi Government General Hospital, Chennai, were the next in order (5.3%); cases registered based on a death certificate only comprised 1%. The average annual CIR per 100,000 population for all cancers together was higher among women (81.0) than men (60.9). The cumulative risk of acquiring cancer in one's lifetime for both sexes together was one in 13. The number of cases were the highest in 35-64 years age-group (62.7%) while the peak incidence rate was observed in 65-69 years of age among both sexes. The most common cancers were as follows: Among men, the order was stomach (CIR:7.1), lung (4.3), mouth (4.3) and leukemias (3.3); among women, the order was cervix (26.4), breast (13.9) and mouth (4.1). The new cancer burden was estimated as 2,925 in year 2020.

Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	49	10.4	23	5.2
15-34	82	12.0	119	17.7
35-64	591	96.7	1080	171.2
65+	429	359.1	291	240.8

Male, Viluppuram, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	2.9	0.0	2.7	0.0	0.3	0.3	0.7	0.037
C01-C02	Tongue	60	5.2	0.0	0.0	0.0	0.6	0.0	0.0	1.9	2.1	1.6	11.4	7.0	12.0	17.3	8.8	8.0	10.9	3.2	3.2	7.8	0.353
C03-C06	Mouth	81	7.0	0.0	0.0	0.6	0.0	0.0	0.5	1.3	3.5	4.0	9.7	7.0	17.3	18.8	26.3	13.4	19.2	4.3	4.4	9.1	0.511
C07-C08	Salivary Gland	9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	1.8	0.0	2.7	0.0	0.0	2.7	5.5	0.5	0.5	1.0	0.043
C09-C10	Oropharynx	31	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.8	0.0	2.3	10.7	2.9	13.2	13.4	13.7	1.6	1.7	2.6	0.223
C11	Nasopharynx	6	0.5	0.0	0.0	0.6	1.2	0.0	0.0	0.0	0.7	0.0	0.0	1.2	0.0	1.4	0.0	0.0	0.0	0.3	0.3	0.5	0.026
C12-C13	Hypopharynx	26	2.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	1.6	1.8	3.5	9.3	2.9	8.8	8.0	2.7	1.4	1.4	2.9	0.185
C14	Pharynx unsp	6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.9	1.2	0.0	0.0	2.2	5.4	0.0	0.3	0.3	0.4	0.051
C15	Oesophagus	46	4.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.8	2.6	4.7	8.0	11.6	26.3	16.1	10.9	2.4	2.6	4.1	0.355
C16	Stomach	135	11.7	0.0	0.0	0.0	0.0	0.6	0.5	1.9	2.8	8.8	7.9	16.3	30.6	20.2	46.0	42.9	49.3	7.1	7.4	13.0	0.889
C17	Small Intestine	7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.7	1.4	2.2	5.4	0.0	0.4	0.4	0.7	0.062
C18	Colon	23	2.0	0.0	0.0	0.0	1.2	0.0	0.0	0.6	0.7	2.4	1.8	2.3	0.0	5.8	8.8	2.7	8.2	1.2	1.3	2.1	0.131
C19-C20	Rectum	30	2.6	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.8	0.8	1.8	3.5	6.7	2.9	8.8	10.7	8.2	1.6	1.6	2.8	0.196
C21	Anus & Anal canal	8	0.7	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.2	1.3	0.0	0.0	8.0	5.5	0.4	0.4	0.4	0.055
C22	Liver etc.,	40	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	7.0	5.3	10.1	15.4	24.1	13.7	2.1	2.3	3.4	0.317
C23-C24	Gall Bladder etc.	12	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.3	2.7	2.9	6.6	2.7	2.7	0.6	0.7	1.3	0.090
C25	Pancreas	11	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	3.5	2.7	2.9	2.2	2.7	0.0	0.6	0.6	1.6	0.078
C26	Other G.I Tract	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.7	0.0	0.1	0.1	0.0	0.024
C30-C31	Nasal Cavity etc.	5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.3	1.4	0.0	5.4	0.0	0.3	0.3	0.5	0.045
C32	Larynx	38	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	2.4	3.5	2.3	9.3	7.2	13.2	5.4	16.4	2.0	2.1	3.9	0.227
C33-C34	Lung	82	7.1	0.0	0.0	0.0	0.0	0.6	0.5	0.0	1.4	2.4	5.3	7.0	17.3	18.8	35.1	18.8	38.3	4.3	4.6	7.5	0.534
C37-C39	Oth Respiratory syst	9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.1	0.0	0.9	2.3	0.0	0.0	0.0	2.7	2.7	0.5	0.4	1.0	0.043
C40-C41	Bone	21	1.8	0.6	0.6	1.9	0.0	0.6	1.1	0.0	0.0	1.6	0.9	1.2	8.0	0.0	0.0	2.7	5.5	1.1	1.1	1.7	0.096
C43	Melanoma of Skin	10	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.4	8.0	5.5	0.5	0.6	0.6	0.084
C44	Skin - others	39	3.4	0.0	0.0	0.6	0.0	0.0	0.0	1.3	0.7	4.0	1.8	3.5	1.3	8.7	17.5	16.1	10.9	2.1	2.2	3.1	0.277
C45	Mesothelioma	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	12	1.0	0.6	0.0	0.0	0.6	0.0	0.0	0.6	0.7	0.0	0.9	0.0	2.7	1.4	2.2	8.0	0.0	0.6	0.7	0.8	0.089
C50	Breast	7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	6.6	5.4	2.7	0.4	0.4	0.2	0.067
C60	Penis	34	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.7	2.4	1.8	4.7	2.7	10.1	11.0	10.7	10.9	1.8	1.9	3.3	0.226
C61	Prostate	44	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.2	2.7	5.8	32.9	16.1	41.0	2.3	2.6	1.4	0.297
C62	Testis	9	0.8	0.0	0.0	0.0	0.0	0.6	0.5	1.3	0.7	0.8	0.9	0.0	0.0	0.0	0.0	5.4	0.0	0.5	0.4	0.5	0.051
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	18	1.6	0.0	0.6	0.6	0.0	0.6	0.5	0.6	0.7	0.8	0.9	2.3	0.0	4.3	4.4	8.0	0.0	1.0	1.0	1.4	0.122
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	2.2	0.0	0.0	0.1	0.1	0.2	0.017
C67	Bladder	27	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	0.0	0.9	2.3	1.3	7.2	4.4	21.5	13.7	1.4	1.5	1.9	0.198
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.1	0.1	0.0	0.000
C69	Eye And Adnexa	3	0.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	2.2	0.0	0.0	0.2	0.2	0.2	0.018
C70-C72	Brain & CNS	39	3.4	1.3	3.2	0.0	0.6	1.7	0.5	1.9	1.4	4.0	2.6	2.3	6.7	2.9	6.6	5.4	0.0	2.1	2.1	3.2	0.205
C73	Thyroid	17	1.5	0.0	0.0	0.0	0.0	1.1	1.1	0.0	0.0	0.8	1.8	3.5	0.0	2.9	4.4	0.0	8.2	0.9	0.9	1.4	0.078
C74	Adrenal Gland etc.,	2	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.009
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	13	1.1	0.0	3.2	0.6	0.0	0.0	0.5	0.0	0.7	0.8	0.0	1.2	2.7	0.0	2.2	0.0	0.0	0.7	0.7	0.8	0.059
C82-86,96	Non-Hodg Lymphoma	45	3.9	0.0	0.6	1.2	1.2	0.0	1.6	1.9	2.1	4.0	4.4	0.0	4.0	11.6	8.8	10.7	5.5	2.4	2.4	4.0	0.259
C90	Multiple Myeloma	14	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	3.5	4.0	4.3	6.6	0.0	2.7	0.7	0.8	1.8	0.096
C91	Lymphoid Leukaemia	26	2.3	4.5	2.6	0.6	1.8	0.0	0.5	0.0	0.0	0.8	0.9	0.0	5.3	1.4	2.2	2.7	2.7	1.4	1.6	1.2	0.117
C92-C94	Myeloid Leukaemia	33	2.9	0.6	0.0	2.5	1.8	1.7	1.6	0.0	3.5	3.2	1.8	0.0	4.0	0.0	4.4	5.4	2.7	1.7	1.7	2.2	0.152
C95	Unspeci. Leukaemia	4	0.3	1.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.015
Oth & Unsp	Others & Unspecified	3	0.3	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	2.7	0.2	0.2	0.0	0.014
C76-80	Primary Uncertain	54	4.7	0.0	0.0	0.0	0.0	0.6	1.1	0.0	0.7	0.8	0.9	5.8	5.3	17.3	19.7	24.1	24.6	2.9	3.0	4.3	0.381
TOTAL		1151	100.1	9.6	10.9	10.6	9.5	7.9	12.5	18.6	34.5	55.1	75.5	109.4	191.7	215.3	370.5	353.8	350.2	60.9	63.6	102.1	7.158

Female, Viluppuram, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	5.5	2.9	0.2	0.2	0.2	0.032
C01-C02	Tongue	18	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.9	2.2	5.0	5.5	4.0	5.5	5.7	1.0	1.0	2.0	0.119
C03-C06	Mouth	77	5.1	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.0	5.7	7.0	9.0	11.2	19.3	26.1	22.1	23.0	4.1	4.2	7.8	0.506
C07-C08	Salivary Gland	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.2	0.0	0.0	2.8	0.0	0.2	0.2	0.3	0.024
C09-C10	Oropharynx	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C11	Nasopharynx	7	0.5	0.0	0.0	0.0	0.0	0.6	0.0	2.0	0.7	0.0	0.9	0.0	0.0	0.0	0.0	2.8	0.0	0.4	0.3	0.3	0.034
C12-C13	Hypopharynx	16	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	3.5	3.4	1.2	1.4	4.0	2.8	5.7	0.9	0.9	1.8	0.089
C14	Pharynx unsp	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.1	0.1	0.2	0.007
C15	Oesophagus	23	1.5	0.0	0.0	0.0	0.0	0.6	0.0	2.0	1.3	0.8	1.7	3.4	5.0	2.8	0.0	8.3	5.7	1.2	1.2	2.3	0.129
C16	Stomach	68	4.5	0.0	0.0	0.0	0.6	0.0	1.6	1.4	4.0	5.7	2.6	12.3	8.7	11.0	32.2	11.0	0.0	3.6	3.6	6.9	0.455
C17	Small Intestine	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.4	0.0	0.0	2.0	0.0	0.0	0.3	0.3	0.7	0.031
C18	Colon	21	1.4	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.3	0.0	2.6	4.5	5.0	2.8	6.0	2.8	2.9	1.1	1.1	2.5	0.128
C19-C20	Rectum	22	1.5	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.6	0.0	4.5	7.5	4.1	2.0	8.3	2.9	1.2	1.2	2.5	0.145
C21	Anus & Anal canal	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.0	0.0	0.0	2.0	2.8	0.0	0.2	0.2	0.3	0.032
C22	Liver etc.,	9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	1.1	2.5	2.8	0.0	2.8	0.0	0.5	0.5	1.4	0.058
C23-C24	Gall Bladder etc.	20	1.3	0.0	0.0	0.0	0.0	0.0	0.5	3.4	0.7	0.8	0.0	2.2	6.2	1.4	6.0	2.8	0.0	1.1	1.0	1.6	0.121
C25	Pancreas	8	0.5	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.8	0.9	1.1	1.2	1.4	2.0	0.0	0.0	0.4	0.4	1.0	0.043
C26	Other G.I Tract	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.4	0.0	0.0	0.0	0.1	0.1	0.4	0.013
C30-C31	Nasal Cavity etc.	5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.5	1.4	0.0	0.0	0.0	0.3	0.3	0.9	0.031
C32	Larynx	8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.7	0.0	0.0	4.1	2.0	0.0	2.9	0.4	0.4	1.0	0.043
C33-C34	Lung	43	2.8	0.0	0.7	0.0	0.0	0.0	0.0	2.0	0.7	1.6	6.1	3.4	11.2	9.7	10.1	8.3	5.7	2.3	2.3	4.9	0.268
C37-C39	Oth Respiratory syst	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.1	0.1	0.0	0.000
C40-C41	Bone	13	0.9	0.7	1.4	0.7	0.6	0.0	0.0	0.0	0.0	0.0	1.7	3.4	1.2	2.8	0.0	0.0	0.0	0.7	0.8	1.4	0.063
C43	Melanoma of Skin	4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	1.1	0.0	0.0	0.0	2.8	0.0	0.2	0.2	0.3	0.026
C44	Skin - others	22	1.5	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.7	0.8	0.9	1.1	5.0	6.9	8.0	2.8	5.7	1.2	1.2	2.2	0.137
C45	Mesothelioma	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.1	0.1	0.0	0.014
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	16	1.1	0.0	0.0	0.7	0.6	1.1	0.5	0.7	0.7	0.0	0.0	4.5	2.5	1.4	2.0	2.8	0.0	0.9	0.8	1.4	0.087
C50	Breast	260	17.2	0.0	0.0	0.0	0.0	1.1	1.1	6.8	13.3	30.0	35.7	45.9	59.8	34.5	30.2	24.8	28.7	13.9	13.4	34.9	1.406
C51	Vulva	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.8	4.0	5.5	0.0	0.4	0.4	0.5	0.068
C52	Vagina	17	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.9	0.0	7.5	4.1	6.0	2.8	2.9	0.9	0.9	2.0	0.114
C53	Cervix	494	32.7	0.0	0.0	0.0	0.0	1.1	3.2	8.2	19.2	47.8	64.4	74.0	109.7	100.8	102.6	63.4	31.6	26.4	25.8	64.5	2.928
C54	Corpus Uteri	32	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.4	5.2	2.2	8.7	8.3	10.1	5.5	0.0	1.7	1.7	4.0	0.216
C55	Uterus unsp.	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.9	0.0	0.0	2.8	2.0	2.8	0.0	0.4	0.4	0.8	0.049
C56	Ovary	61	4.0	0.7	0.0	0.0	0.0	1.1	2.1	1.4	1.3	3.2	8.7	6.7	15.0	13.8	10.1	5.5	2.9	3.3	3.2	7.4	0.347
C57	Oth female Genital	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.008
C58	Placenta	1	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.003
C64	Kidney	4	0.3	0.7	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.2	0.0	2.0	0.0	0.0	0.2	0.2	0.2	0.022
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	8	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2.2	0.0	1.4	6.0	0.0	2.9	0.4	0.4	0.5	0.051
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.1	0.1	0.0	0.010
C69	Eye And Adnexa	2	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.008
C70-C72	Brain & CNS	18	1.2	0.0	0.0	1.3	0.0	0.6	0.5	0.0	2.7	2.4	2.6	0.0	1.2	2.8	0.0	2.8	0.0	1.0	0.9	2.0	0.084
C73	Thyroid	53	3.5	0.0	0.0	0.7	0.6	2.8	1.6	5.4	3.3	5.7	5.2	4.5	5.0	2.8	8.0	5.5	2.9	2.8	2.6	4.5	0.256
C74	Adrenal Gland etc.,	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.2	0.0	0.0	0.0	2.9	0.2	0.1	0.3	0.010
C75	Endocrine Glands	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C81	Hodgkin Disease	6	0.4	0.7	0.0	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.0	0.0	0.0	0.3	0.4	0.4	0.031
C82-86,96	Non-Hodg Lymphoma	26	1.7	0.7	0.7	1.3	1.3	0.0	0.0	1.4	3.3	1.6	0.0	4.5	3.7	1.4	6.0	0.0	0.0	1.4	1.4	2.3	0.130
C90	Multiple Myeloma	7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.1	2.5	1.4	2.0	0.0	0.0	0.4	0.4	1.0	0.044
C91	Lymphoid Leukaemia	8	0.5	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.0	2.5	2.8	0.0	0.0	0.0	0.4	0.4	1.0	0.041
C92-C94	Myeloid Leukaemia	24	1.6	0.0	0.7	0.7	0.6	1.1	1.6	2.0	0.7	1.6	1.7	3.4	1.2	1.4	2.0	2.8	2.9	1.3	1.2	1.7	0.107
C95	Unspeci. Leukaemia	1	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.003
Oth & Unsp	Others & Unspecified	8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.4	2.5	0.0	0.0	0.0	5.7	0.4	0.4	1.0	0.034
C76-80	Primary Uncertain	42	2.8	0.0	0.0	0.0	0.0	1.1	0.0	0.0	2.0	0.8	7.0	10.1	7.5	6.9	6.0	8.3	5.7	2.2	2.2	5.4	0.249
TOTAL		1513	100.0	4.8	4.7	5.9	6.4	11.7	15.9	39.5	62.4	119.0	171.5	224.1	307.9	269.2	309.8	228.8	155.0	81.0	79.2	178.9	8.522

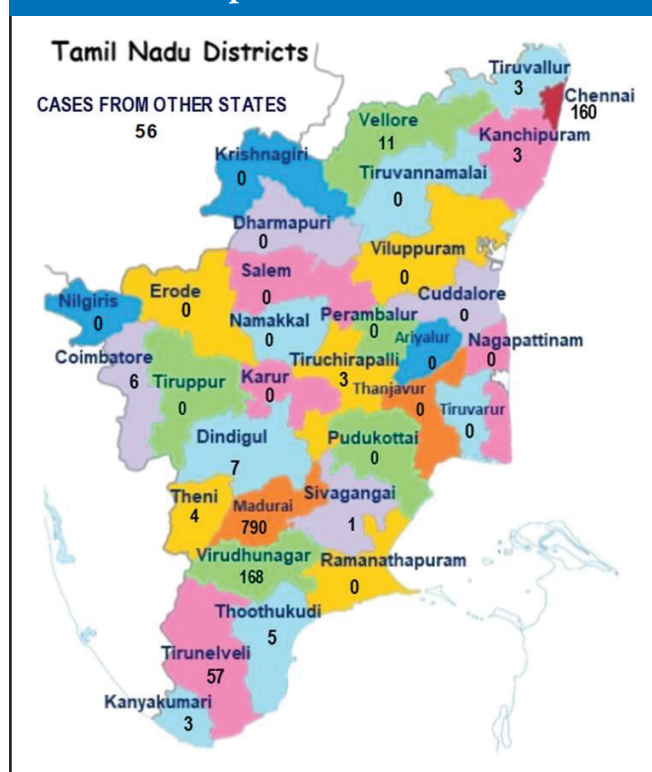
Residence District: Virudhunagar

	Number of New Cases by Year of Diagnosis					Projected New Cancers by Year			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
MALE	353	425	549	628	561	689	751	813	875
FEMALE	483	618	674	712	716	809	865	921	977
TOTAL	836	1043	1223	1340	1277	1498	1616	1734	1852

Year - 2016

New Cases - 1277

No. of Cases Reported from the Source District



No. of Cases by Major Sources

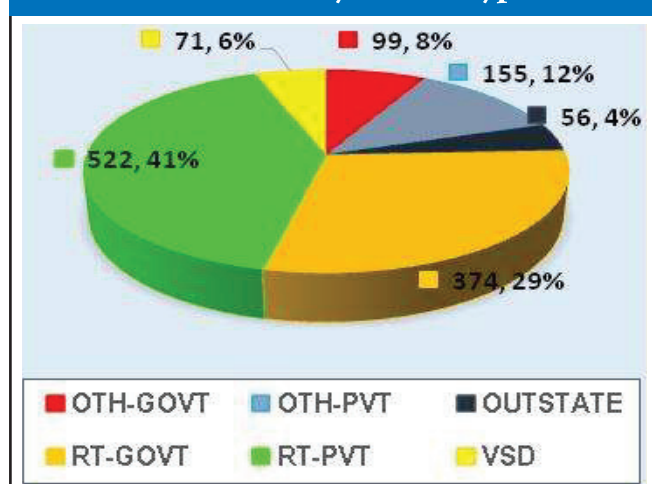
SOURCE NAME	DISTRICT	No.
RCC Govt. Rajaji Hosp.	Madurai	292
Meenakshi Mission Hosp. & Res.	Madurai	188
Devaki Mult. Spl. Hosp.	Madurai	149
Cancer Institute (WIA) - Adyar	Chennai	107
Velammal Med.Coll. Hosp. & Re	Madurai	104
DPH - VIRU	Virudhunagar	69
Govt. Tirunelveli Med. Coll. H	Tirunelveli	56
RCC_TV RM	Trivandrum	45
Apollo Mult. Spl. Hosp.	Madurai	23
Govt. District Hqtrs. Hosp.	Virudhunagar	20
GH Srivilliputhur	Virudhunagar	18
GH Sivakasi	Virudhunagar	17
Guru Cancer Centre	Madurai	17
Rajiv Gandhi Govt. General Hos	Chennai	15
Quality Care Hosp.	Madurai	14
Christian Med. Coll. Hosp.	Vellore	11
JIPMER	Pondicherry	8
Star Hosp.	Virudhunagar	8
GH Aruppukottai	Virudhunagar	8
Private Minor Source	Virudhunagar	6

As per 2011 census

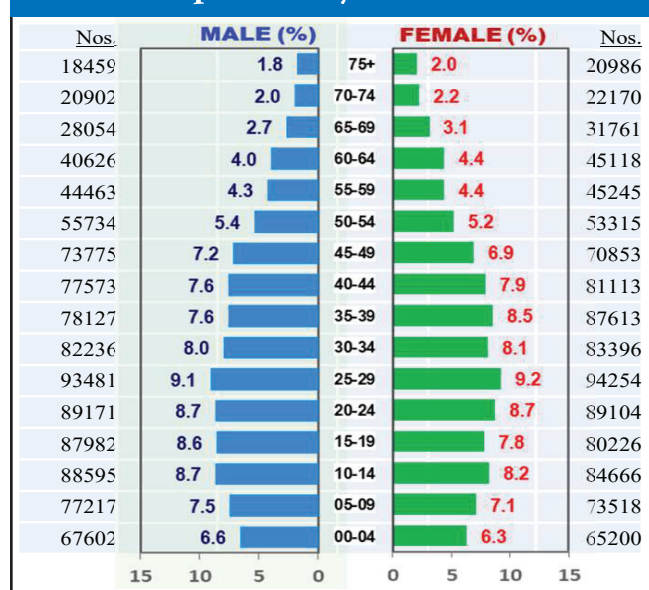
AREA (km²) : 4241

URBAN - RURAL (Ratio) 1 : 0.98

No. of Cases by Source Type



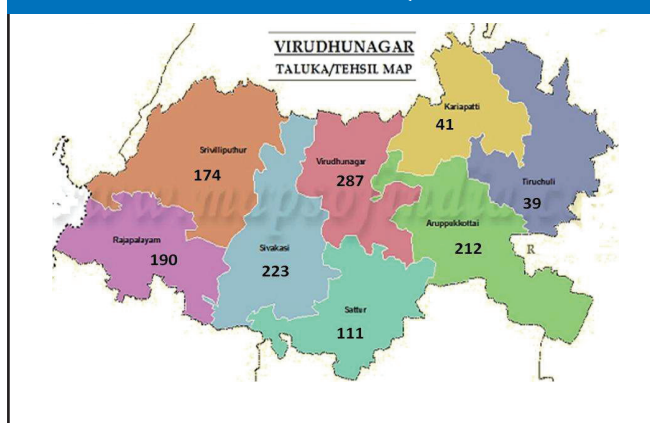
Population Pyramid 2016



Residence District: Virudhunagar

Year: 2016

No. of New Cases by Taluks

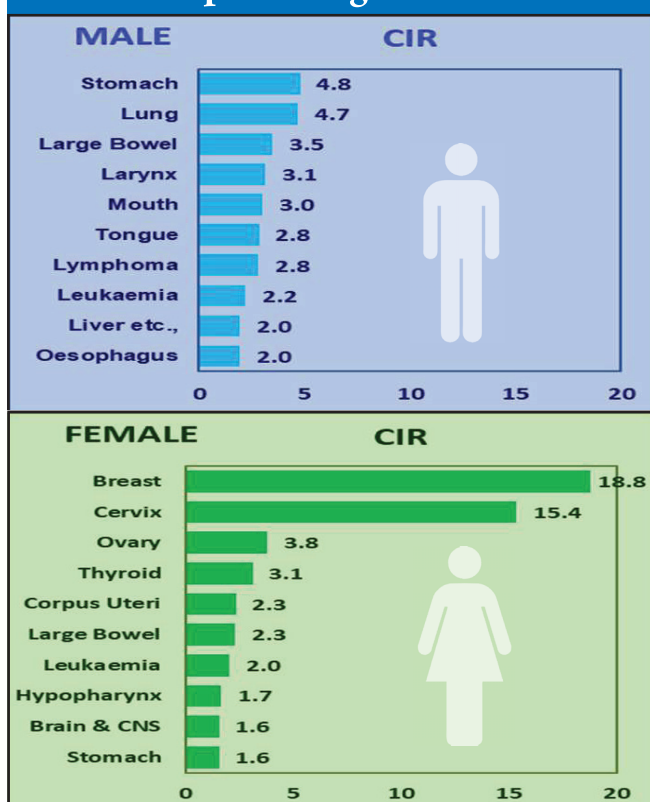


Cancer Incidence Statistics

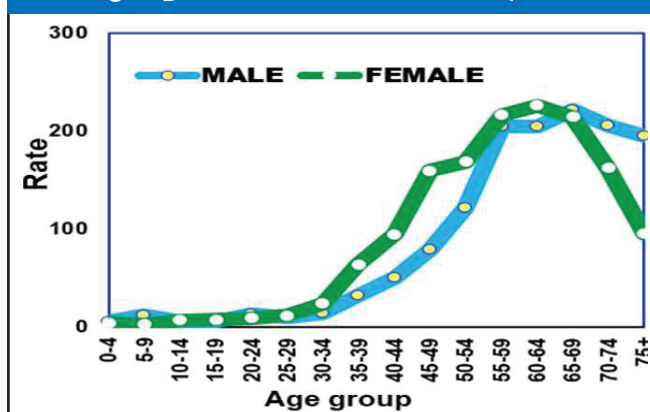
	MALE	FEMALE	TOTAL (M+F)
NEW CASES	561	716	1277
%	43.9	56.1	100.0
CIR	54.8	69.6	62.2
CR% (0-74 YEARS)	5.754	6.634	6.195
ASR	52.4	62.1	57.2

A total of 1,277 new cancers, diagnosed in year 2016, were registered among 2.05 million population with a female (716) preponderance (1:1.28). Above three-fifth of cases were registered from hospitals located in Madurai district followed by those in Virudhunagar (13.2%) district and Chennai city (12.5%). A majority were either first diagnosed and/or registered for TNCRP at the Government Rajaji Hospital, Madurai (22.9%) followed by Meenakshi Mission Hospital (14.7%) and Devaki Multi-specialty Hospital, Madurai (11.7%). All hospitals with radiotherapy facility in non-government sector together accounted for most cases (41%). The average annual CIR per 100,000 population for all cancers together was higher among women (69.6) than men (54.8). The cumulative risk of acquiring cancer in one's lifetime of 0-74 years for both sexes together was one in 16. The number of cases of all cancers together were the highest in 35-64 years age-group (70.5%) while the peak incidence rate was observed in 60-64 years among women and 65-69 years among men. The most common cancers among men were stomach (CIR:4.8), lung (4.7) and large bowel (3.5); among women, the order was breast (18.8), cervix (15.4) and ovary (3.8). The new cancer burden of all cancers together was estimated as 1,852 in year 2020.

Top Ranking Cancers



Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

AGE GROUP	Male		Female	
	No.	Rate	No.	Rate
0-14	18	7.7	11	4.9
15-34	38	10.8	45	13.0
35-64	364	98.3	536	139.9
65+	141	209.2	124	165.5

CIR, ASR, other rates are per 1,00,000 population

Male, Virudhunagar, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C01-C02	Tongue	29	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	5.4	9.0	9.0	17.2	14.3	0.0	10.8	2.8	2.7	6.6	0.293
C03-C06	Mouth	31	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	5.2	2.7	1.8	9.0	17.2	17.8	9.6	10.8	3.0	2.9	6.2	0.341
C07-C08	Salivary Gland	5	0.9	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	4.8	0.0	0.5	0.5	0.9	0.056
C09-C10	Oropharynx	16	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6	1.4	1.8	9.0	7.4	10.7	0.0	5.4	1.6	1.5	3.4	0.171
C11	Nasopharynx	3	0.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.3	0.3	0.2	0.036
C12-C13	Hypopharynx	12	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.4	7.2	4.5	4.9	3.6	0.0	5.4	1.2	1.1	2.9	0.114
C14	Pharynx unsp	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.009
C15	Oesophagus	20	3.6	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	2.6	1.4	3.6	11.3	7.4	14.3	9.6	0.0	2.0	1.9	3.7	0.256
C16	Stomach	49	8.7	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.6	5.2	8.1	7.2	22.5	17.2	21.4	14.4	32.5	4.8	4.6	9.4	0.498
C17	Small Intestine	5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	2.2	2.5	0.0	4.8	0.0	0.5	0.4	1.1	0.061
C18	Colon	19	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.3	5.4	1.8	6.7	9.8	3.6	9.6	5.4	1.9	1.7	4.2	0.204
C19-C20	Rectum	16	2.9	0.0	0.0	0.0	0.0	1.1	0.0	0.0	2.6	2.6	0.0	3.6	4.5	9.8	0.0	9.6	5.4	1.6	1.5	3.4	0.168
C21	Anus & Anal canal	5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.2	2.5	3.6	4.8	0.0	0.5	0.5	0.9	0.074
C22	Liver etc.,	20	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.7	9.0	6.7	4.9	14.3	0.0	16.3	2.0	1.9	3.7	0.195
C23-C24	Gall Bladder etc.	10	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.7	3.6	4.5	2.5	3.6	0.0	5.4	1.0	0.9	2.3	0.091
C25	Pancreas	10	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	1.4	0.0	9.0	0.0	3.6	0.0	0.0	1.0	0.9	2.4	0.095
C26	Other G.I Tract	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C30-C31	Nasal Cavity etc.	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C32	Larynx	32	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	2.7	10.8	11.3	9.8	25.0	23.9	0.0	3.1	3.0	5.7	0.436
C33-C34	Lung	48	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	6.8	9.0	29.2	24.6	10.7	28.7	21.7	4.7	4.5	10.2	0.556
C37-C39	Oth Respiratory syst	5	0.9	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.3	0.0	0.0	2.2	0.0	7.1	0.0	0.0	0.5	0.5	0.5	0.059
C40-C41	Bone	3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.8	0.022
C43	Melanoma of Skin	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	2.5	7.1	4.8	0.0	0.6	0.6	0.9	0.090
C44	Skin - others	8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	3.6	0.0	2.5	0.0	4.8	5.4	0.8	0.7	1.7	0.075
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	8	1.4	0.0	0.0	0.0	0.0	2.2	0.0	0.0	1.3	1.3	1.4	0.0	0.0	4.9	0.0	4.8	0.0	0.8	0.7	1.4	0.079
C50	Breast	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C60	Penis	10	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.4	0.0	4.5	2.5	14.3	0.0	0.0	1.0	0.9	1.7	0.126
C61	Prostate	5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	3.6	9.6	5.4	0.5	0.5	0.3	0.077
C62	Testis	7	1.2	0.0	0.0	1.1	0.0	0.0	2.1	2.4	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.7	0.6	0.6	0.051
C63	Oth Male Genital	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.3	1.4	3.6	2.2	0.0	0.0	0.0	0.0	0.6	0.5	1.4	0.048
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	9.0	4.5	7.4	3.6	4.8	0.0	1.3	1.2	3.2	0.153
C68	Urethra	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	17	3.0	0.0	0.0	2.3	0.0	1.1	1.1	2.4	1.3	1.3	2.7	3.6	9.0	2.5	0.0	0.0	0.0	1.7	1.5	3.1	0.136
C73	Thyroid	8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.4	1.8	2.2	2.5	3.6	9.6	0.0	0.8	0.7	1.4	0.111
C74	Adrenal Gland etc.,	1	0.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C75	Endocrine Glands	1	0.2	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C81	Hodgkin Disease	7	1.2	0.0	2.6	0.0	1.1	1.1	0.0	0.0	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.043
C82-86,96	Non-Hodg Lymphoma	21	3.7	0.0	1.3	0.0	1.1	2.2	1.1	0.0	0.0	1.3	2.7	5.4	4.5	7.4	3.6	19.1	0.0	2.1	2.0	3.2	0.249
C90	Multiple Myeloma	5	0.9	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	2.5	0.0	0.0	10.8	0.5	0.5	0.6	0.026
C91	Lymphoid Leukaemia	13	2.3	4.4	5.2	1.1	1.1	1.1	0.0	0.0	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.4	1.3	1.6	0.5	0.078
C92-C94	Myeloid Leukaemia	6	1.1	0.0	0.0	0.0	1.1	0.0	1.1	1.2	0.0	0.0	0.0	0.0	2.2	2.5	3.6	0.0	0.0	0.6	0.6	0.6	0.058
C95	Unspeci. Leukaemia	3	0.5	1.5	0.0	0.0	0.0	1.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.019
Oth & Unsp	Others & Unspecified	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C76-80	Primary Uncertain	73	13.0	0.0	0.0	0.0	0.0	2.2	3.2	2.4	2.6	3.9	13.6	12.6	22.5	29.5	28.5	23.9	48.8	7.1	6.8	12.6	0.723
TOTAL		561	100.0	5.9	11.7	5.6	5.7	13.5	9.6	14.6	32.0	50.3	78.6	122.0	204.7	204.3	221.0	205.7	195.0	54.8	52.4	103.6	5.754

Female, Virudhunagar, 2016

No of Cases, Percentage, Age Specific Rate (ASpR), Crude Incidence Rate (CIR),
Age Standardised Rate (ASR), Age Truncated Rate (35-64 years; TR),
Lifetime Cumulative Risk% (0-74 years; CR%)

ICD -10	SITE	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CIR	ASR	TR	CR%
C00	Lip	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C01-C02	Tongue	9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	1.9	2.2	6.6	6.3	0.0	0.0	0.9	0.8	1.9	0.097
C03-C06	Mouth	15	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4.2	3.8	8.8	4.4	6.3	4.5	0.0	1.5	1.3	3.4	0.167
C07-C08	Salivary Gland	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.0	0.3	0.2	0.8	0.028
C09-C10	Oropharynx	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C11	Nasopharynx	1	0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.005
C12-C13	Hypopharynx	17	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	1.4	5.6	13.3	8.9	0.0	4.5	0.0	1.7	1.5	4.5	0.180
C14	Pharynx unsp	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C15	Oesophagus	15	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	1.2	2.8	3.8	6.6	4.4	6.3	0.0	0.0	1.5	1.3	3.5	0.143
C16	Stomach	16	2.2	0.0	0.0	0.0	0.0	1.1	0.0	1.2	1.1	0.0	2.8	9.4	0.0	8.9	3.1	4.5	0.0	1.6	1.4	3.4	0.161
C17	Small Intestine	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C18	Colon	10	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.4	3.8	0.0	4.4	3.1	9.0	4.8	1.0	0.9	1.7	0.115
C19-C20	Rectum	13	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.4	1.9	2.2	6.6	12.6	4.5	0.0	1.3	1.1	2.2	0.158
C21	Anus & Anal canal	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
C22	Liver etc.,	7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	1.4	0.0	2.2	4.4	0.0	4.5	0.0	0.7	0.6	1.6	0.075
C23-C24	Gall Bladder etc.	6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.8	1.9	4.4	0.0	0.0	0.0	0.0	0.6	0.5	1.7	0.051
C25	Pancreas	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.3	0.3	0.2	0.006
C26	Other G.I Tract	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.007
C30-C31	Nasal Cavity etc.	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.1	0.1	0.0	0.016
C32	Larynx	5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	3.8	4.4	0.0	0.0	0.0	0.0	0.5	0.4	1.4	0.047
C33-C34	Lung	12	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	8.8	4.4	3.1	9.0	4.8	1.2	1.1	2.3	0.141
C37-C39	Oth Respiratory syst	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C40-C41	Bone	3	0.4	0.0	0.0	0.0	0.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.3	0.3	0.3	0.022
C43	Melanoma of Skin	2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.0	0.2	0.2	0.6	0.022
C44	Skin - others	3	0.4	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	4.8	0.3	0.3	0.3	0.017
C45	Mesothelioma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C46	Kaposi Sarcoma	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C47, C49	Soft Tissue etc.,	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	2.2	2.2	0.0	0.0	0.0	0.3	0.3	0.8	0.028
C50	Breast	193	27.0	0.0	0.0	0.0	0.0	1.1	2.1	7.2	22.8	34.5	50.8	46.9	53.1	46.6	66.1	27.1	14.3	18.8	16.3	41.4	1.775
C51	Vulva	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	9.5	0.3	0.3	0.3	0.011
C52	Vagina	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.1	0.1	0.3	0.011
C53	Cervix	158	22.1	0.0	0.0	0.0	0.0	0.0	0.0	2.4	12.6	19.7	43.8	39.4	55.3	44.3	44.1	63.2	19.1	15.4	13.6	33.9	1.610
C54	Corpus Uteri	24	3.4	0.0	0.0	0.0	0.0	0.0	1.1	0.0	2.3	0.0	2.8	9.4	8.8	13.3	12.6	0.0	0.0	2.3	2.1	5.4	0.251
C55	Uterus unsp.	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.1	0.1	0.0	0.016
C56	Ovary	39	5.4	0.0	0.0	0.0	0.0	2.2	1.1	1.2	2.3	8.6	19.8	7.5	4.4	11.1	3.1	0.0	0.0	3.8	3.3	9.1	0.307
C57	Oth female Genital	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.1	0.1	0.0	0.016
C58	Placenta	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C64	Kidney	3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	2.2	0.0	0.0	0.0	0.3	0.3	0.9	0.033
C65	Renal Pelvis	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C66	Ureter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C67	Bladder	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.9	0.0	2.2	3.1	0.0	0.0	0.4	0.4	0.9	0.043
C68	Urethra	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.1	0.1	0.0	0.000
C69	Eye And Adnexa	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
C70-C72	Brain & CNS	16	2.2	0.0	1.4	0.0	0.0	0.0	1.1	0.0	2.3	2.5	2.8	3.8	2.2	8.9	0.0	4.5	0.0	1.6	1.4	3.5	0.147
C73	Thyroid	32	4.5	0.0	0.0	0.0	1.2	1.1	2.1	7.2	4.6	8.6	4.2	3.8	2.2	0.0	9.4	4.5	4.8	3.1	2.6	4.3	0.245
C74	Adrenal Gland etc.,	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C75	Endocrine Glands	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.006
C81	Hodgkin Disease	3	0.4	1.5	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.3	0.4	0.3	0.025
C82-86,96	Non-Hodg Lymphoma	12	1.7	0.0	0.0	1.2	1.2	2.2	0.0	0.0	1.1	1.2	1.4	0.0	2.2	4.4	3.1	0.0	4.8	1.2	1.1	1.6	0.092
C90	Multiple Myeloma	8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	5.6	2.2	2.2	0.0	0.0	4.8	0.8	0.7	2.0	0.064
C91	Lymphoid Leukaemia	11	1.5	0.0	1.4	4.7	2.5	0.0	1.1	0.0	0.0	0.0	1.4	0.0	2.2	2.2	0.0	0.0	0.0	1.1	1.1	0.8	0.077
C92-C94	Myeloid Leukaemia	9	1.3	1.5	0.0	0.0	0.0	0.0	0.0	2.4	0.0	1.2	0.0	1.9	0.0	4.4	0.0	9.0	0.0	0.9	0.9	1.1	0.102
C95	Unspeci. Leukaemia	1	0.1	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.006
Oth & Unsp	Others & Unspecified	4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2	0.0	0.0	2.2	0.0	0.0	0.0	4.8	0.4	0.3	0.5	0.023
C76-80	Primary Uncertain	42	5.9	1.5	0.0	0.0	0.0	0.0	1.1	0.0	2.3	3.7	5.6	13.1	8.8	19.9	22.0	13.5	4.8	4.1	3.8	8.1	0.457
TOTAL		716	100.0	4.6	2.7	7.1	7.5	9.0	11.7	24.0	63.9	94.9	159.5	168.8	216.6	226.1	214.1	162.4	95.3	69.6	62.1	146.0	6.634

CHAPTER 4

SELECTED CANCERS PROFILE: INCIDENCE STATISTICS

Cancer site/type	Page Number
Tongue	153
Mouth	155
Oesophagus	157
Stomach	159
Large bowel	161
Lung	163
Female breast	165
Cervix	167
Ovary	169
Lymphomas	171
Leukemias	173
Oropharynx	175
Hypopharynx	176
Larynx	177
Corpus uteri	178
Prostate	179
Urinary bladder	180
Brain & CNS	181

Site: Cancer Tongue

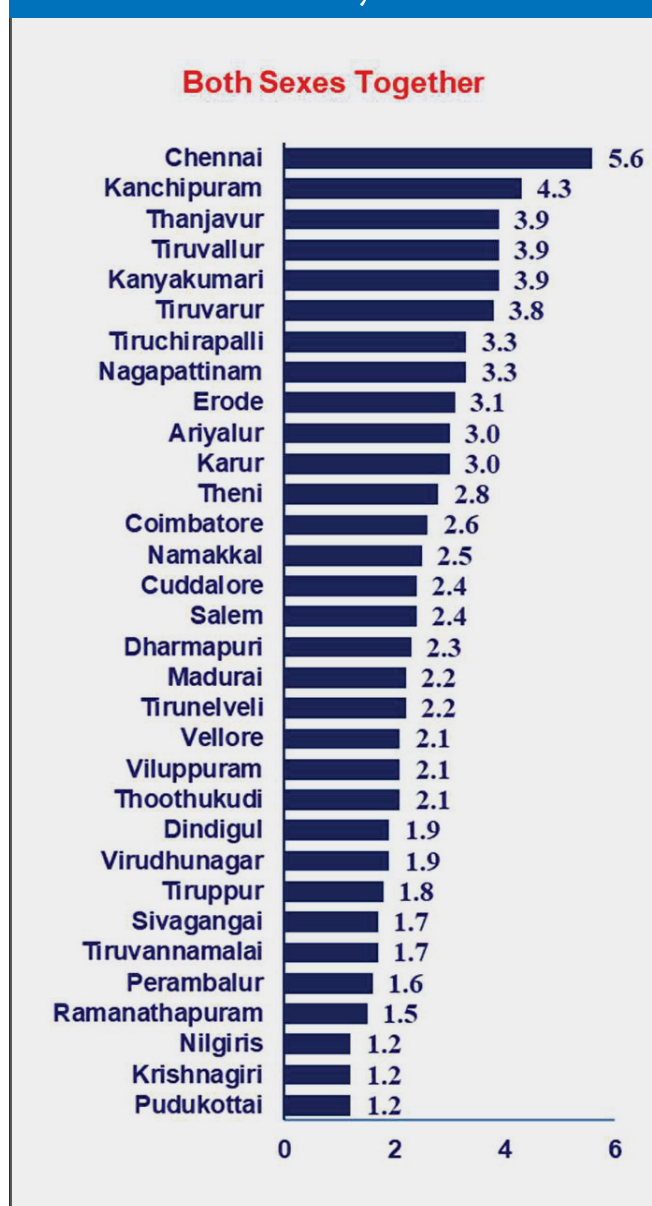
Year: 2016

ICD-10: C01-C02

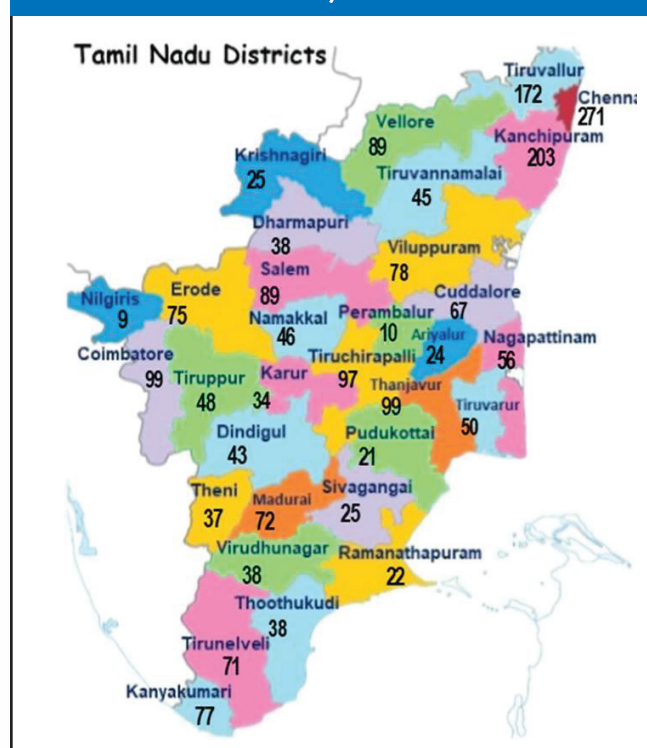
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	1608	560	2168
%	74.2	25.8	100.0
C.I.R	4.1	1.4	2.8
C.R%	0.444	0.152	0.296
A.S.R	3.8	1.3	2.5

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 2,168 new cases of cancer of the tongue, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu with more men (1,608) than women (560) in the ratio of 287 men to 100 women. It ranked fifth among men with a crude incidence rate (CIR) of 4.1 per 100,000 population and was not ranked within the top 10 among women (CIR:1.4) in Tamil Nadu. The most number of cases occurred among the residents of Chennai city (271) followed by Kanchipuram (203) and Tiruvallur districts (172). The highest age-standardized rate (ASR) of tongue cancer per 100,000 population among men in Tamil Nadu was observed in Chennai (8.1) which was ranked seventh in the world. Among women, the highest incidence of tongue cancer was observed in Tiruvarur district (ASR: 2.9) and was ranked sixth in the world. The top 5 districts in Tamil Nadu among both sexes together were Chennai (CIR: 5.6), Kanchipuram (4.3), Thanjavur (3.9), Tiruvallur (3.9) and Kanyakumari (3.9). The number of cases registered from all hospitals with radiotherapy facility together under government and non-government sectors were 608 (28%) and 880 (41%) respectively. Histological verification of diagnosis was possible in 93% while <1% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (70.8%); the peak incidence rate occurred in age group 65-69 years; cumulative risk (CR%) in 0-74 years of lifetime was one in 338.

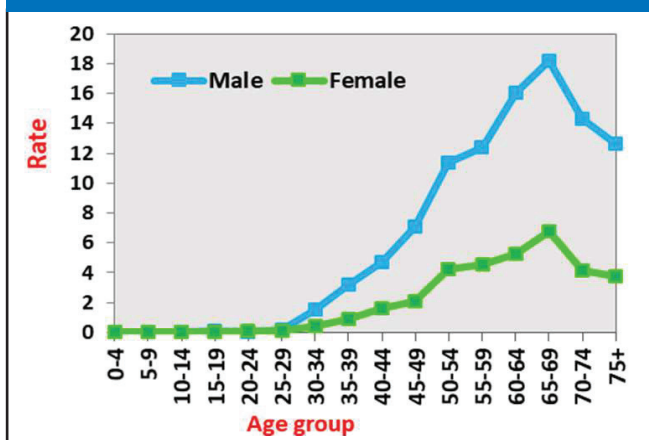
CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Tongue

Year: 2016

ICD-10: C01-C02

Age Specific Incidence Rates by Sex



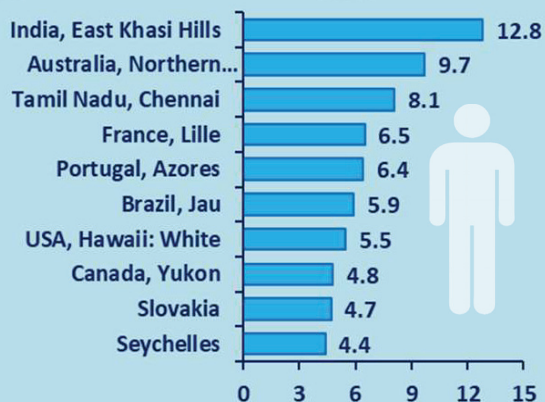
Incidence Statistics by Age Group and Sex

Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	0	0.0	0	0.0
15-34	61	0.5	22	0.2
35-64	1144	8.1	392	2.7
65 +	403	15.3	146	5.1

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

MALE

ASR



FEMALE

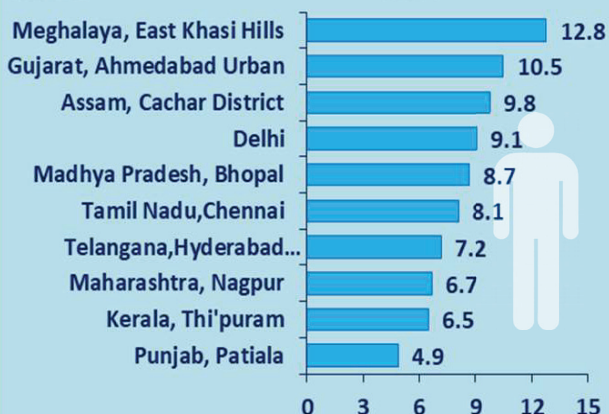
ASR



Top Ranking States/Registries: Comparison of National and TNCRP 2016 data
 Source: National Cancer Registry Program, 2012-2016
 (period varies for individual registries)

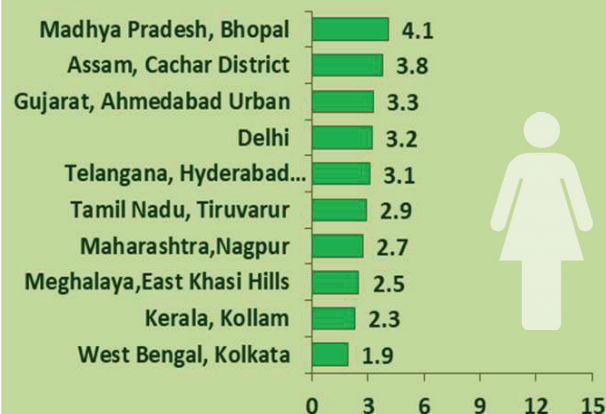
MALE

ASR



FEMALE

ASR



Site: Cancer Mouth

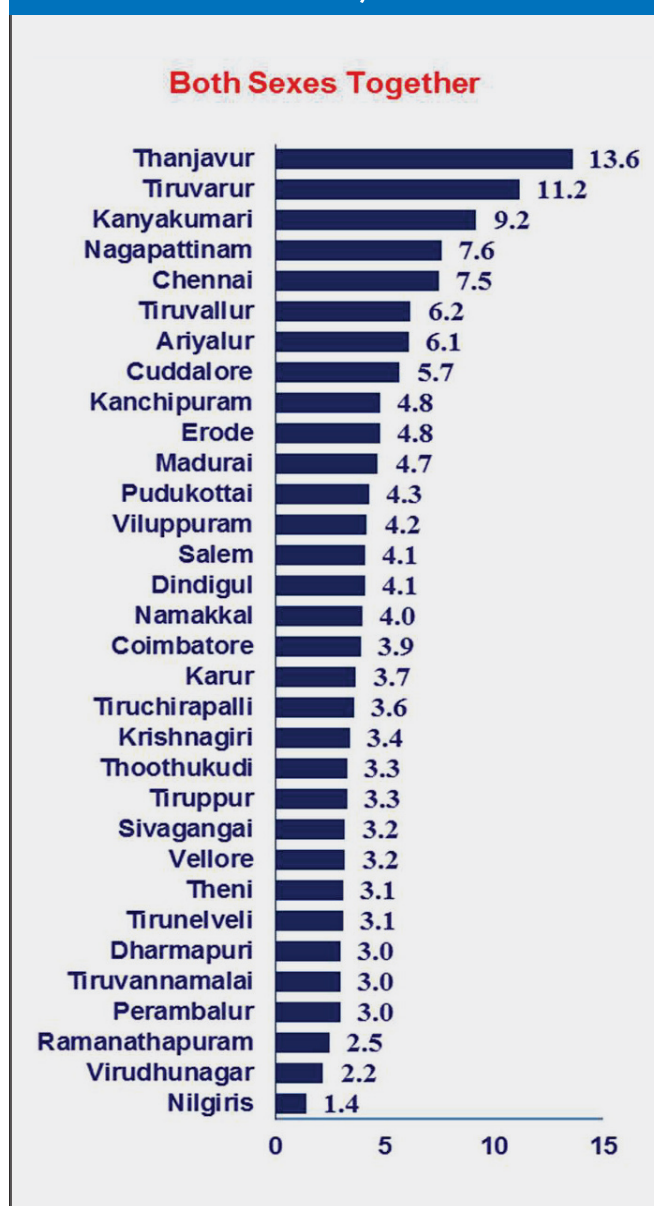
Year: 2016

ICD-10: C03-C06

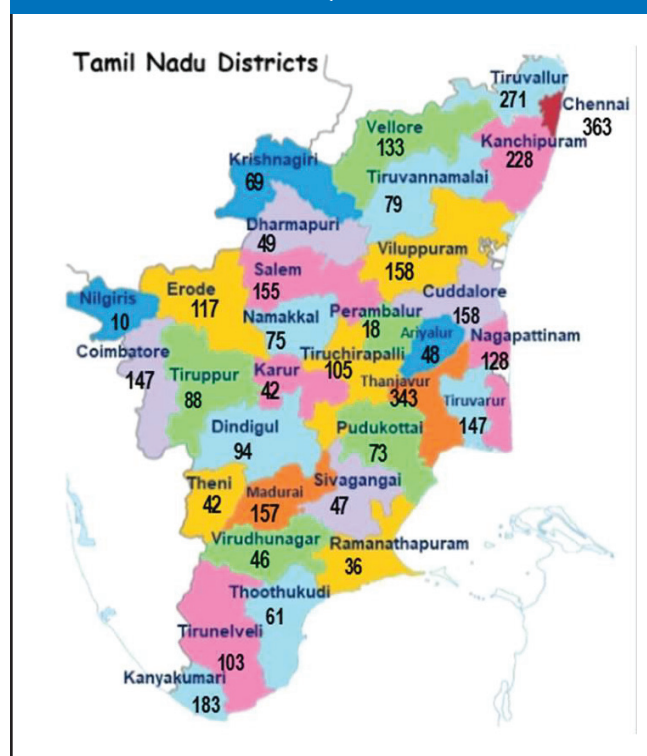
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	2414	1359	3773
%	64.0	36.0	100.0
C.I.R	6.2	3.5	4.8
C.R%	0.680	0.383	0.528
A.S.R	5.8	3.2	4.4

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 3,773 new cases of cancer of the mouth, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu with more men (2,414) than women (1,359) in the ratio of 178 men to 100 women. It ranked second among men with a crude incidence rate (CIR) of 6.2 per 100,000 population and was ranked fifth among women (CIR:3.5) in Tamil Nadu. The most number of cases occurred among the residents of Chennai city (363) followed by Thanjavur (343) and Tiruvallur districts (271). The second highest age-standardized rate (ASR) of mouth cancer per 100,000 population in the world and India was observed in Thanjavur district among women (ASR:9.2). Among men, the mouth cancer incidence in Thanjavur district (ASR: 14.8) was ranked second in India. The other districts that were ranked in the top five in Tamil Nadu among both sexes together were Tiruvarur (CIR:11.2), Kanyakumari (9.2), Nagapattinam (7.6) and Chennai (7.5). The number of cases registered from all hospitals with radiotherapy facility together under government and non-government sectors were 1,127 (30%) and 1,236 (33%) respectively. Histological verification of diagnosis was possible in 93% while 1% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (65.5%); the peak incidence rate occurred in age group 65-69 years; cumulative risk (CR%) in 0-74 years of lifetime was one in 189.

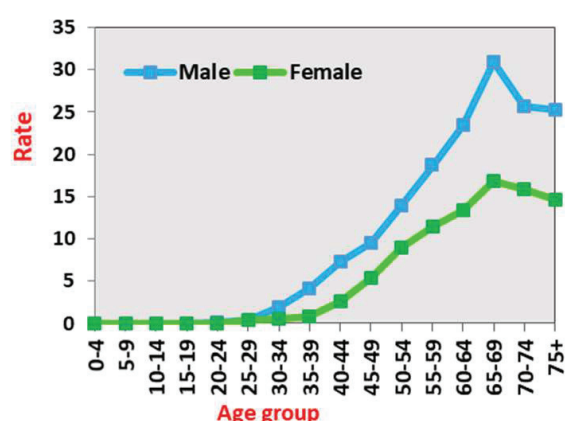
CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Mouth

Year: 2016

ICD-10: C03-C06

Age Specific Incidence Rates by Sex



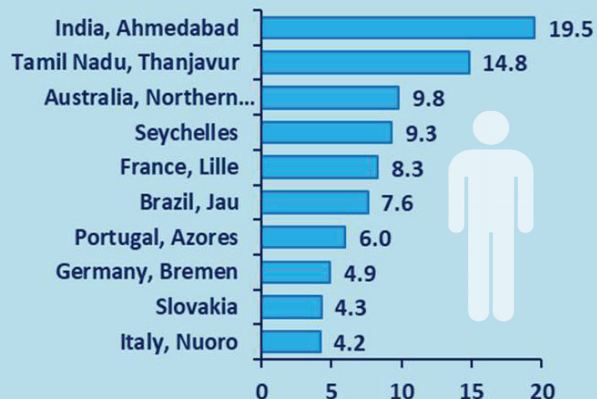
Incidence Statistics by Age Group and Sex

Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	1	0.0	1	0.0
15-34	85	0.6	33	0.2
35-64	1601	11.3	869	6.0
65 +	727	27.7	456	15.9

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

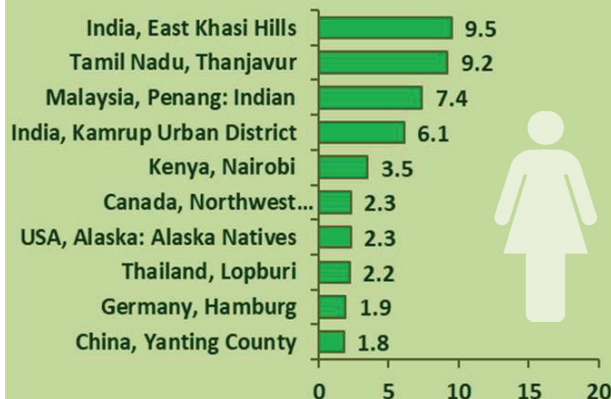
MALE

ASR



FEMALE

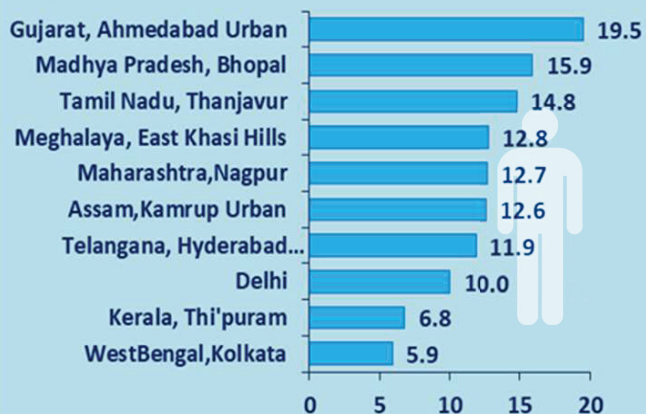
ASR



Top Ranking States/Registries: Comparison of National and TNCRP 2016 data
Source: National Cancer Registry Program, 2012-2016
(period varies for individual registries)

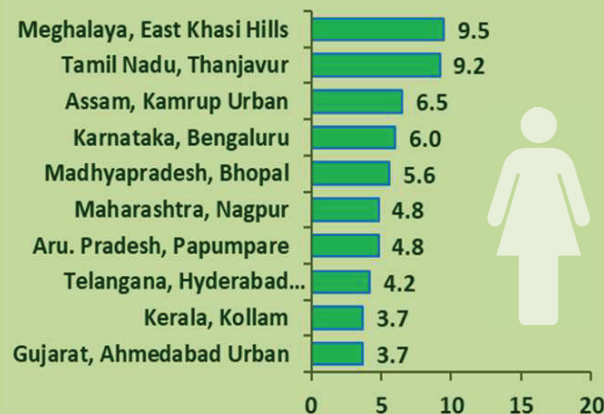
MALE

ASR



FEMALE

ASR



Site: Cancer Oesophagus

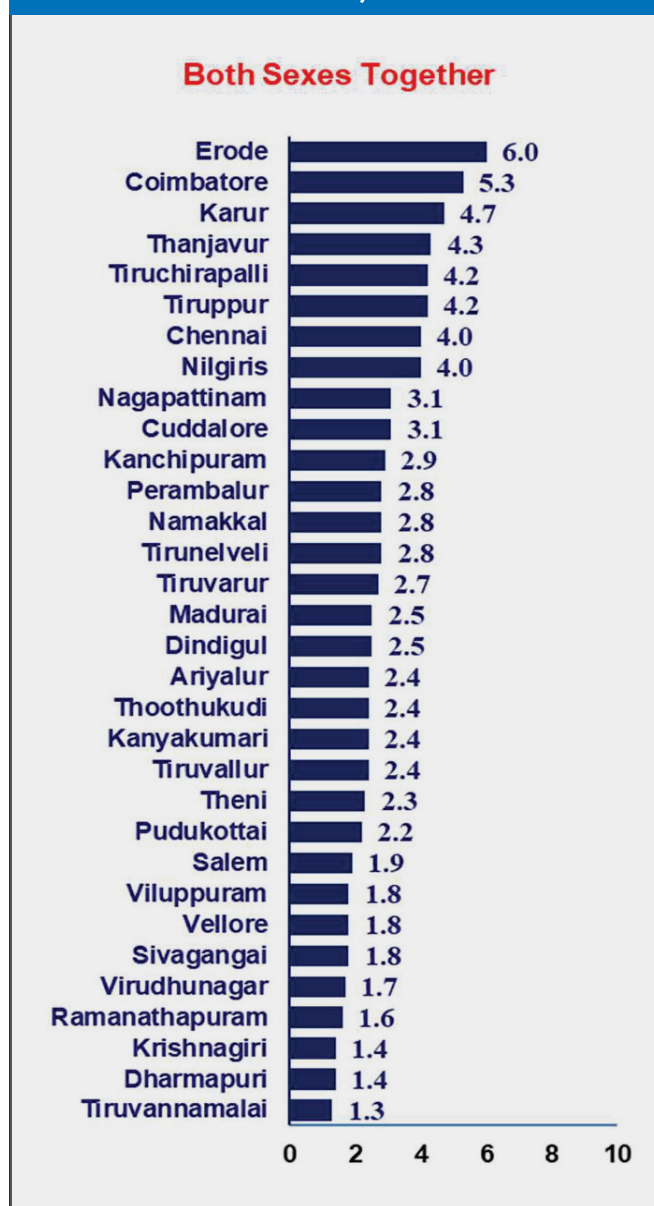
Year: 2016

ICD-10: C15

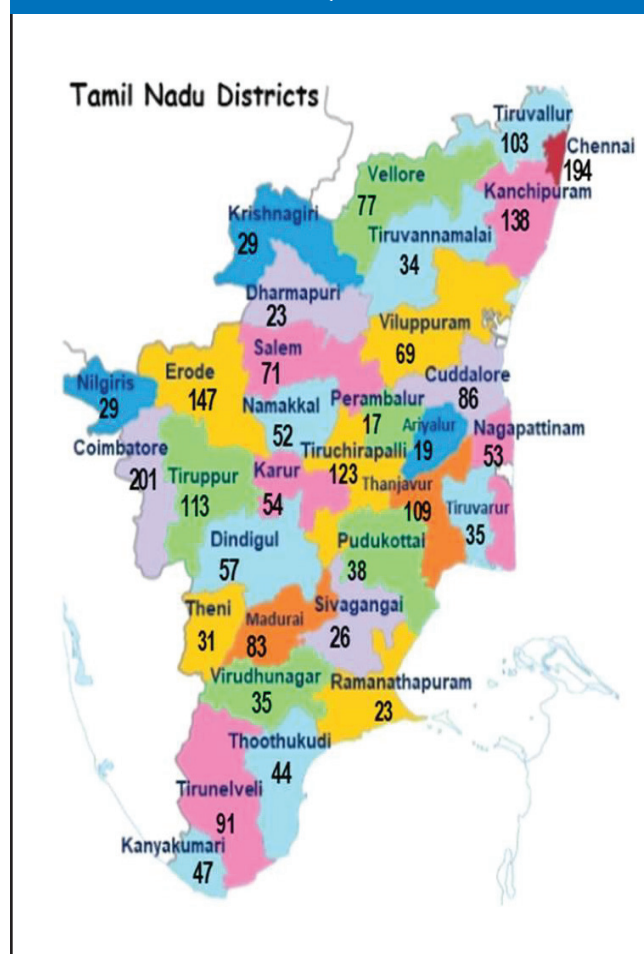
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	1374	877	2251
%	61.0	39.0	100.0
C.I.R	3.5	2.2	2.9
C.R%	0.430	0.236	0.330
A.S.R	3.4	2.0	2.7

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 2,251 new cases of cancer of the oesophagus, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu with more men (1,374) than women (877) in the ratio of 157 men to 100 women. It ranked sixth among men with a crude incidence rate (CIR) of 3.5 per 100,000 population and ninth among women (2.2) in Tamil Nadu. The most number of cases occurred among the residents of Coimbatore (201) followed by Chennai (194) and Erode districts (147). The top 5 districts in Tamil Nadu among both sexes together were Erode (CIR: 6.0), Coimbatore (5.3), Karur (4.7), Thanjavur (4.3) and Tiruchirapalli (4.2). The number of cases registered from all hospitals with radiotherapy facility together under government and non-government sectors were 578 (26%) and 895 (40%) respectively. Histological verification of diagnosis was possible in 91% while 1% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (59.2%); the peak incidence rate occurred in geriatric age group of 65+ years; cumulative risk (CR%) in 0-74 years of lifetime was one in 303.

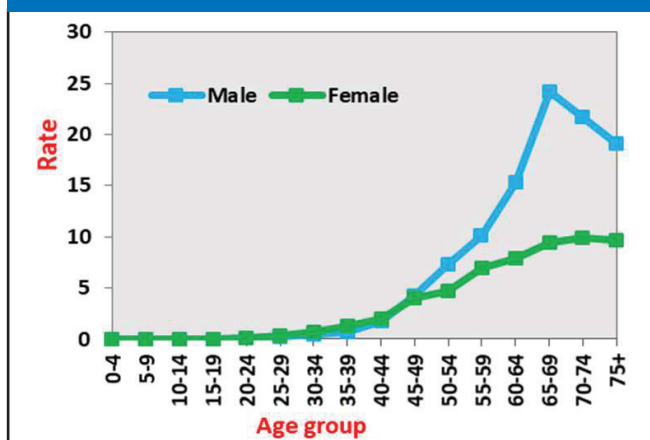
CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Oesophagus

Year: 2016

ICD-10: C15

Age Specific Incidence Rates by Sex

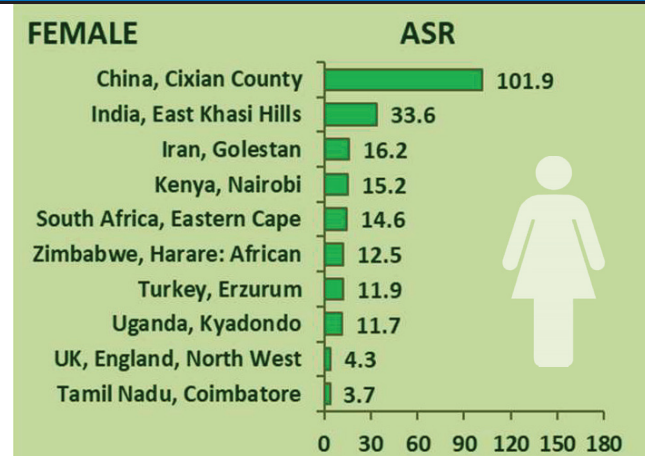
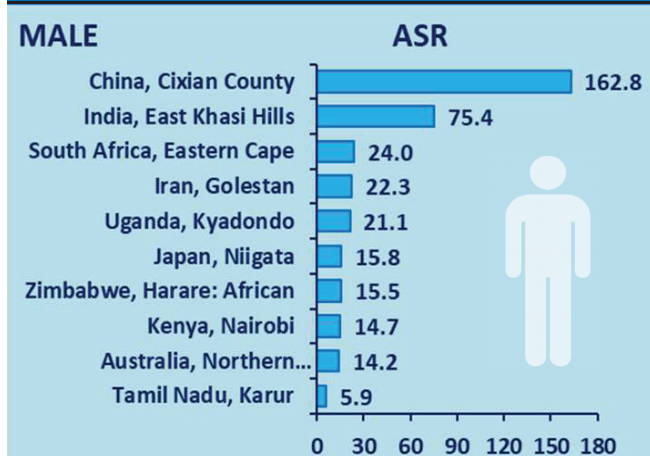


Incidence Statistics by Age Group and Sex

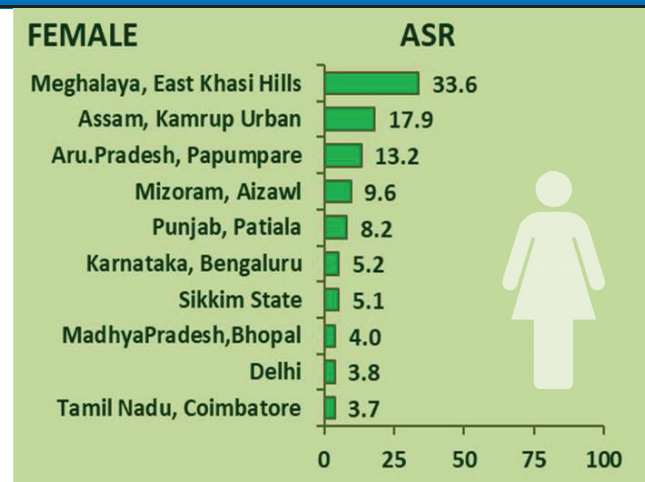
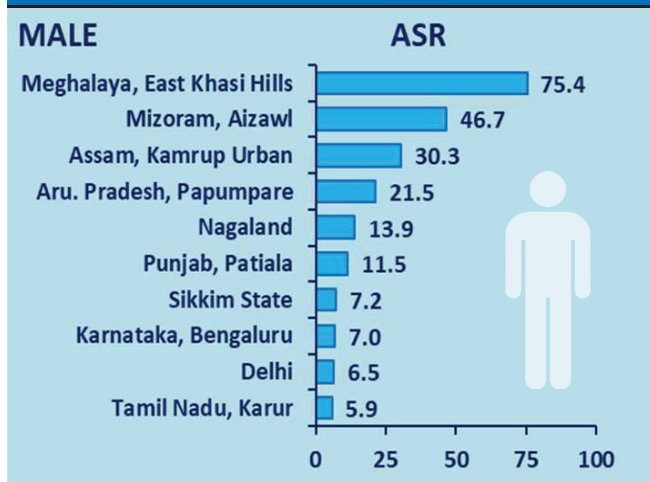
Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	1	0.0	0	0.0
15-34	26	0.2	38	0.3
35-64	772	5.5	561	3.9
65 +	575	21.9	278	9.7

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/C15-XI/Pages/summary_table_site_sel.aspx



Top Ranking States/Registries: Comparison of National and TNCRP 2016 data
 Source: National Cancer Registry Program, 2012-2016
 (period varies for individual registries)



Site: Cancer Stomach

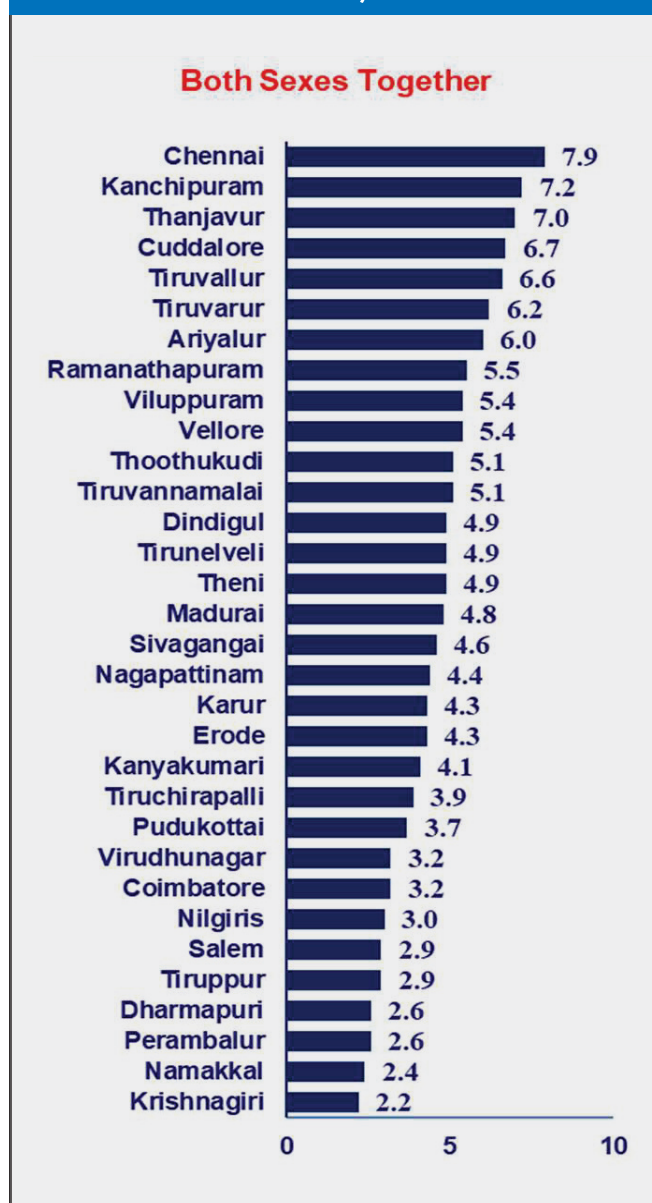
Year: 2016

ICD-10: C16

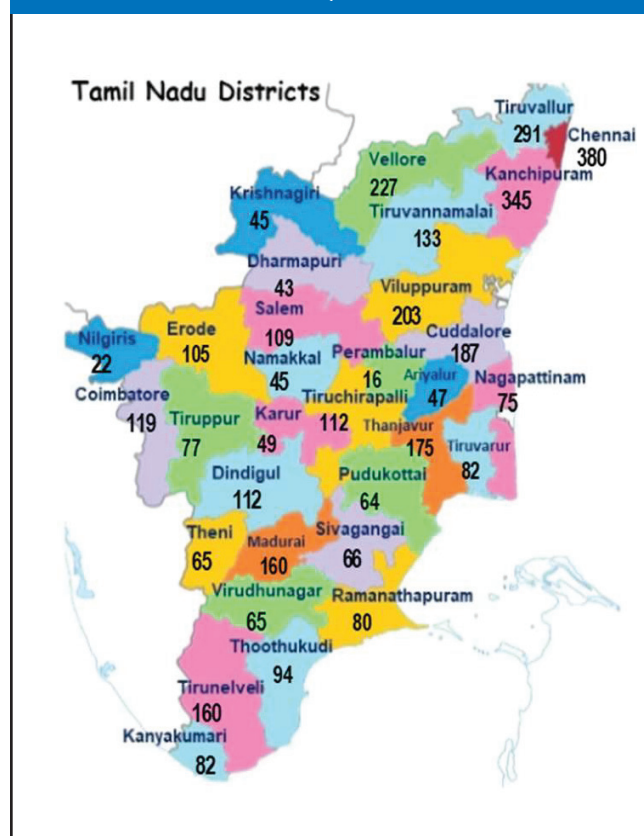
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	2565	1270	3835
%	66.9	33.1	100.0
C.I.R	6.6	3.3	4.9
C.R%	0.768	0.339	0.549
A.S.R	6.2	2.9	4.5

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 3,835 new cases of cancer of the stomach, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu with more men (2,565) than women (1,270) in the ratio of 202 men to 100 women. It was the top most ranked cancer among men with a crude incidence rate (CIR) of 6.6 per 100,000 population and sixth among women (3.3) in Tamil Nadu. The most number of cases occurred among the residents of Chennai city (380) followed by Kanchipuram (345) and Tiruvallur districts (291). The highest age-standardized rate (ASR) of stomach cancer per 100,000 population in Tamil Nadu was observed in Kanchipuram (11.0) district among men and in Chennai city (4.9) among women. The top 5 districts in Tamil Nadu among both sexes together were Chennai (CIR:7.9), Kanchipuram (7.2), Thanjavur (7.0), Cuddalore (6.7) and Tiruvallur (6.6). The number of cases registered from all hospitals with radiotherapy facility together under government and non-government sectors were 1,086 (28%) and 1,202 (31%) respectively. Histological verification of diagnosis was possible in 88% while 2% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (62.8%); the peak incidence rate occurred in geriatric age group of 65-69 years; cumulative risk (CR%) in 0-74 years of lifetime was one in 182.

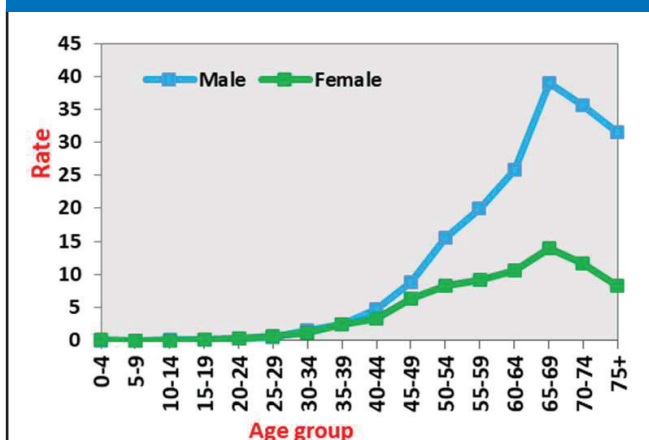
CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Stomach

Year: 2016

ICD-10: C16

Age Specific Incidence Rates by Sex



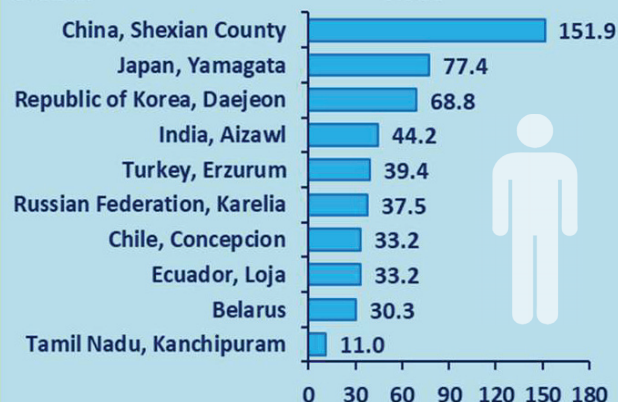
Incidence Statistics by Age Group and Sex

Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	1	0.0	1	0.0
15-34	80	0.6	76	0.6
35-64	1546	10.9	862	6.0
65 +	938	35.7	331	11.5

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

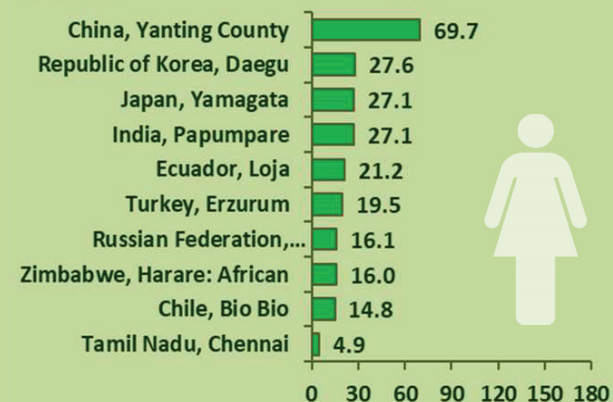
MALE

ASR



FEMALE

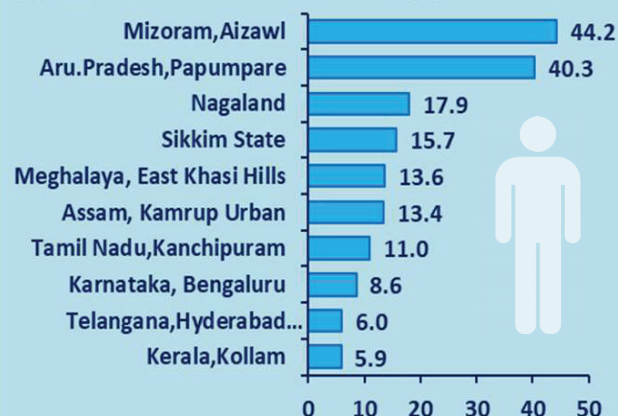
ASR



Top Ranking States/Registries: Comparison of National and TNCRP 2016 data
 Source: National Cancer Registry Program, 2012-2016
 (period varies for individual registries)

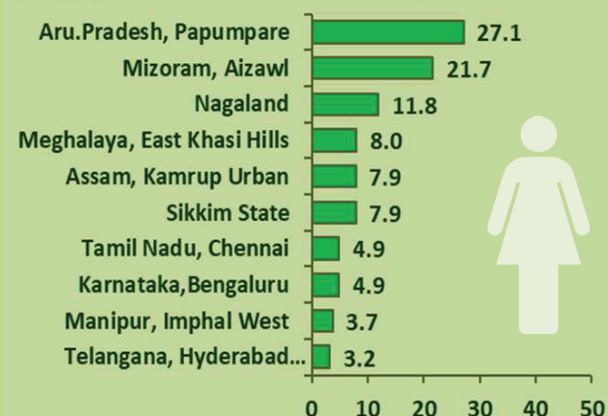
MALE

ASR



FEMALE

ASR



Site: Cancer Large Bowel

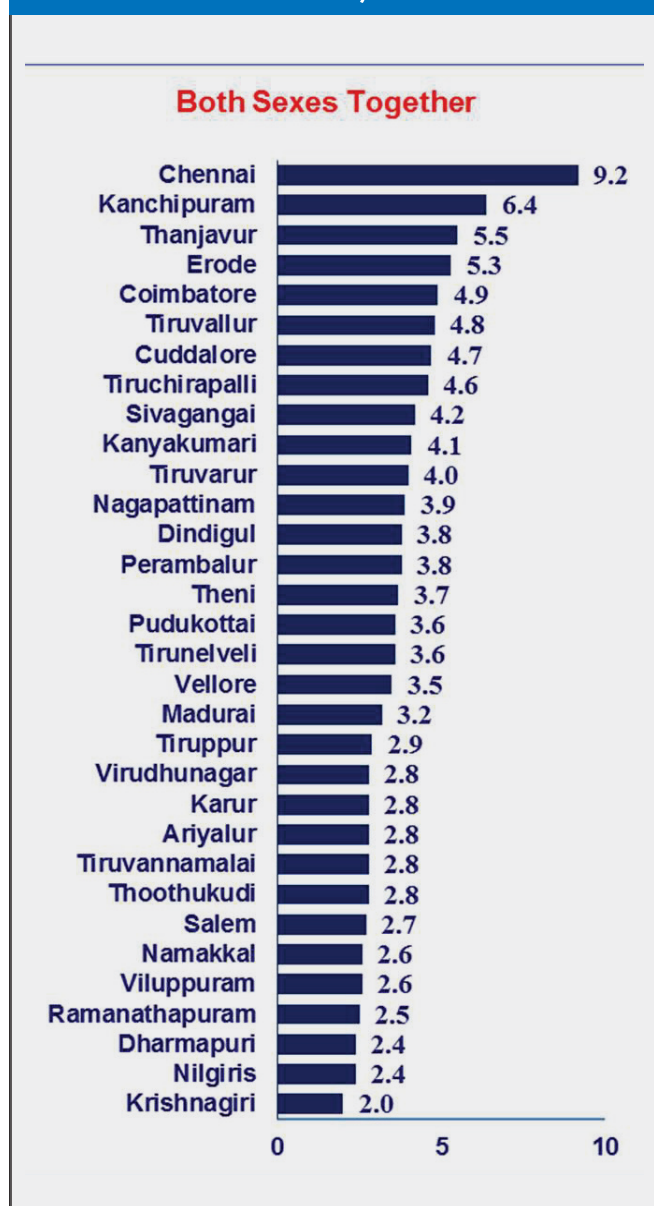
Year: 2016

ICD-10: C18-C20

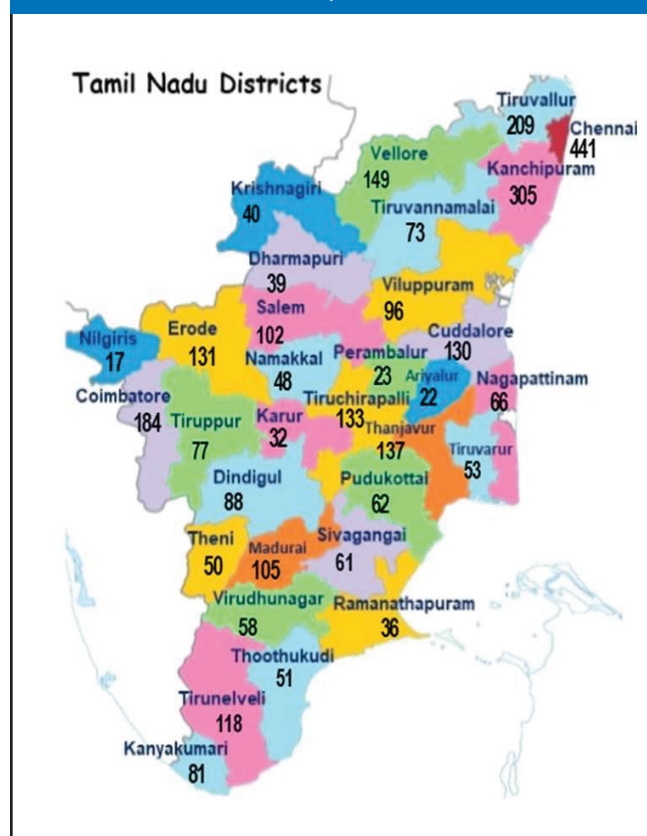
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	1855	1362	3217
%	57.7	42.3	100.0
C.I.R	4.8	3.5	4.1
C.R%	0.531	0.368	0.448
A.S.R	4.5	3.2	3.8

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 3,217 new cases of cancer of the large bowel, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu with more men (1,855) than women (1,362) in the ratio of 136 men to 100 women. It was ranked fourth among men and women with a crude incidence rate (CIR) of 4.8 and 3.5 per 100,000 population respectively in Tamil Nadu. The most number of cases occurred among the residents of Chennai city (441) followed by Kanchipuram (305) and Tiruvallur districts (209). The highest age-standardized rate (ASR) of large bowel cancer per 100,000 population in Tamil Nadu was observed in Chennai city for men (8.8) and women (8.3). The top 5 districts in Tamil Nadu among both sexes together were Chennai (CIR:9.2), Kanchipuram (6.4), Thanjavur (5.5), Erode (5.3) and Coimbatore (4.9). The number of cases registered from all hospitals together under non-government sector (62%) was more than double that under government sector (29%). Histological verification of diagnosis was possible in 87% while 1% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (61.1%); the peak incidence rate occurred in geriatric age group of 65+ years in both sexes; cumulative risk (CR%) in 0-74 years of lifetime was one in 223.

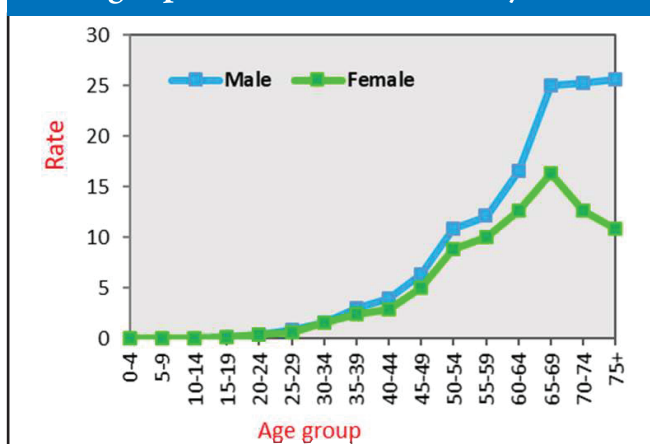
CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Large Bowel

Year: 2016

ICD-10: C18-C20

Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

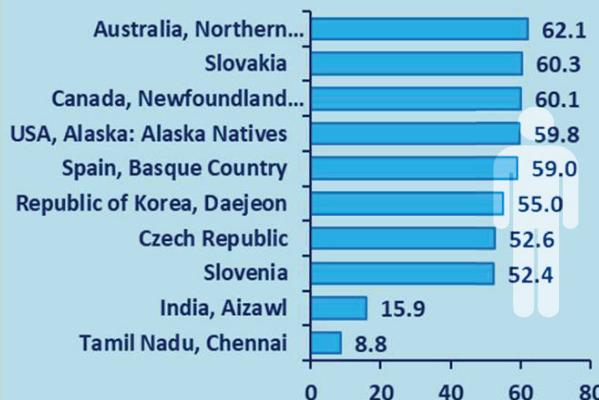
Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	1	0.0	3	0.0
15-34	97	0.7	94	0.7
35-64	1092	7.7	875	6.0
65 +	665	25.3	390	13.6

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/Ci5-XI/Pages/summary_table_site_sel.aspx

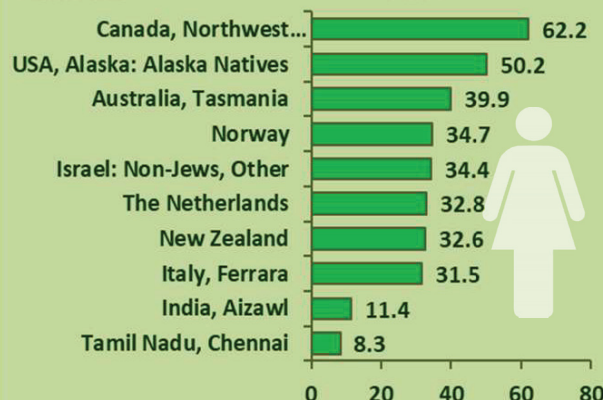
MALE

ASR



FEMALE

ASR



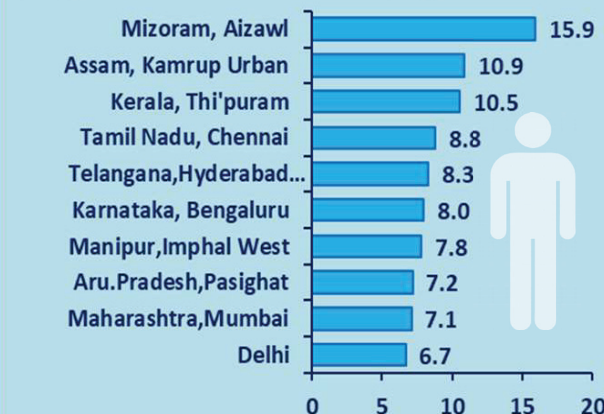
Top Ranking States/Registries: Comparison of National and TNCRP 2016 data

Source: National Cancer Registry Program, 2012-2016

(period varies for individual registries)

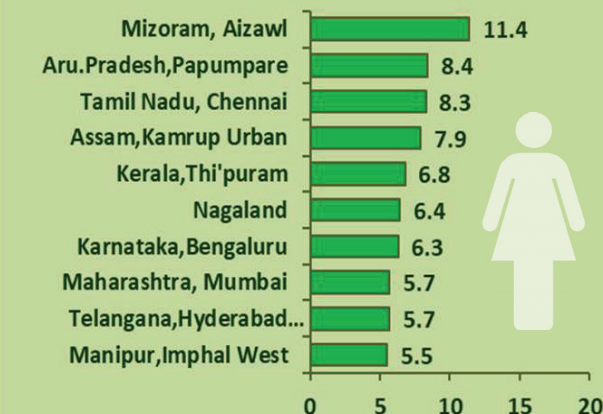
MALE

ASR



FEMALE

ASR



Site: Cancer Lung

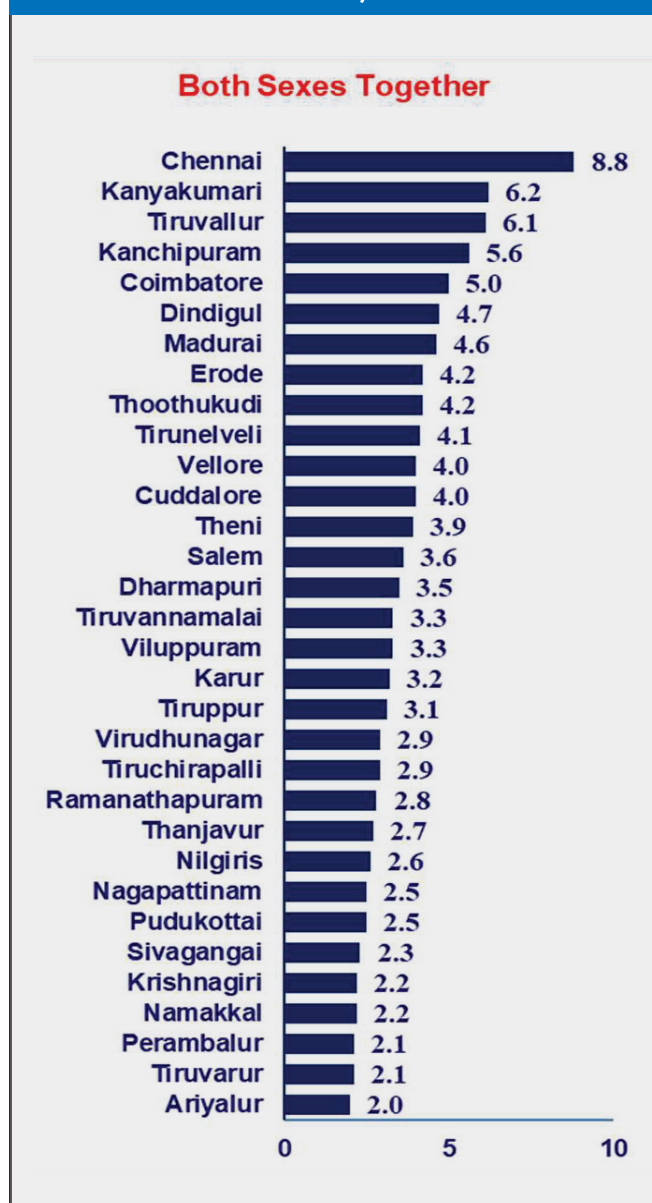
Year: 2016

ICD-10: C33-C34

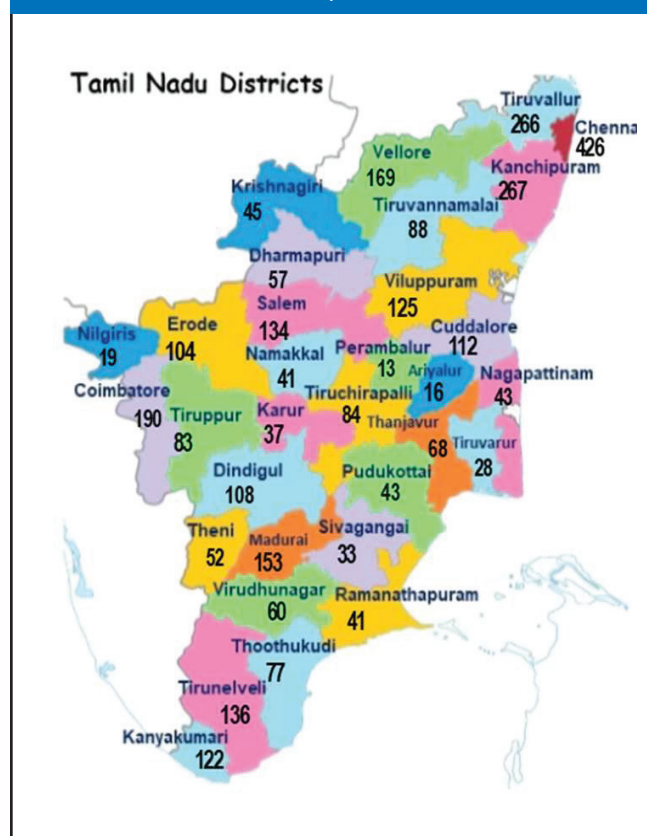
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	2304	936	3240
%	71.1	28.9	100.0
C.I.R	5.9	2.4	4.2
C.R%	0.714	0.263	0.484
A.S.R	5.7	2.2	3.9

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 3,240 new cases of cancer of the lung, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu with more men (2,304) than women (936) in the ratio of 246 men to 100 women. It was ranked second among men with a crude incidence rate (CIR) of 5.9 per 100,000 population and eighth among women (2.4) in Tamil Nadu. The most number of cases occurred among the residents of Chennai city (426) followed by Kanchipuram (267) and Tiruvallur districts (266). The highest age-standardized rate (ASR) of lung cancer per 100,000 population in Tamil Nadu was observed in Chennai city for men (12.0) and women (5.1). The top 5 districts in Tamil Nadu among both sexes together were Chennai (CIR:8.8), Kanyakumari (6.2), Tiruvallur (6.1), Kanchipuram (5.6) and Coimbatore (5.0). The number of cases registered from all hospitals with radiotherapy facility together under government and non-government sectors were 1004 (31%) and 1,244 (38%) respectively. Histological verification of diagnosis was possible in 82% while 2% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (61.1%); the peak incidence rate occurred in geriatric age group of 65-69 years; cumulative risk (CR%) in 0-74 years of lifetime was one in 207.

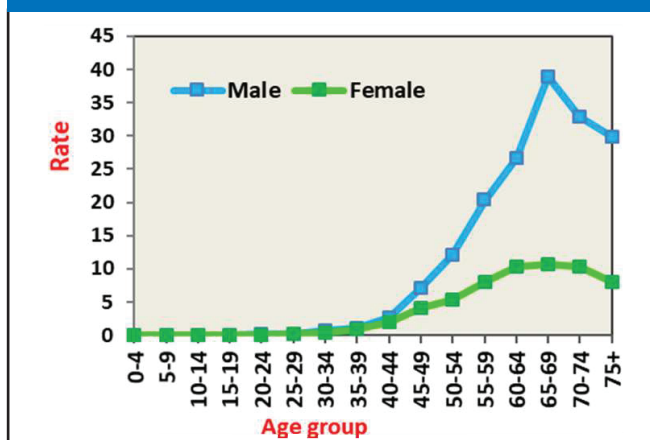
CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Lung

Year: 2016

ICD-10: C33-C34

Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

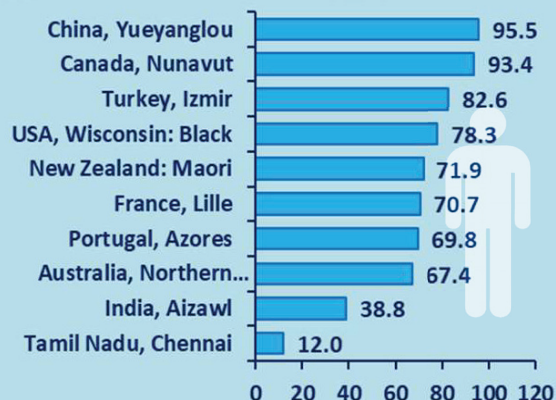
Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	3	0.0	1	0.0
15-34	42	0.3	32	0.2
35-64	1356	9.6	623	4.3
65 +	903	34.4	280	9.7

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

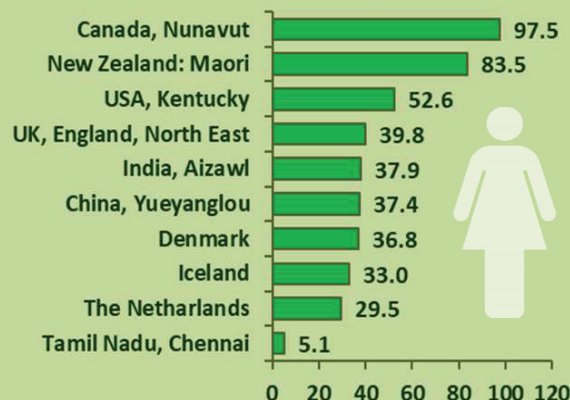
MALE

ASR



FEMALE

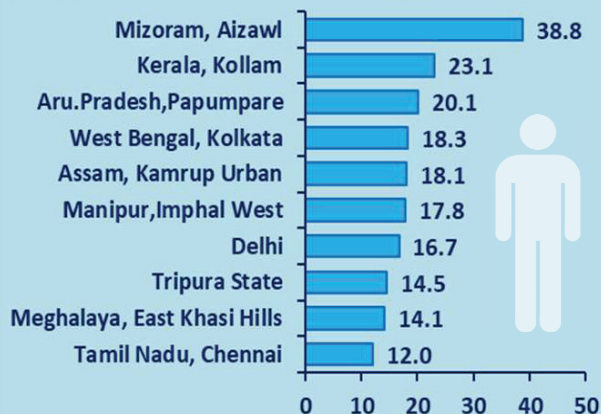
ASR



Top Ranking States/Registries: Comparison of National and TNCRP 2016 data
 Source: National Cancer Registry Program, 2012-2016
 (period varies for individual registries)

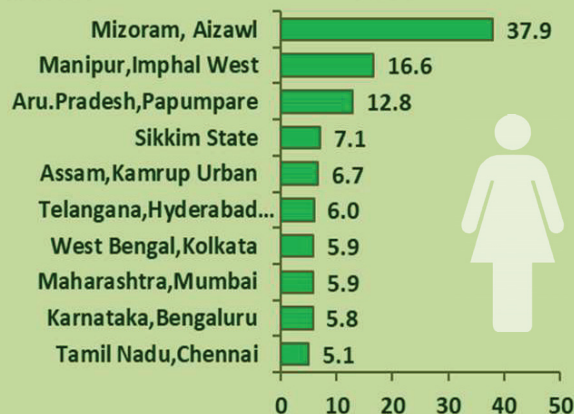
MALE

ASR



FEMALE

ASR



Site: Cancer Breast

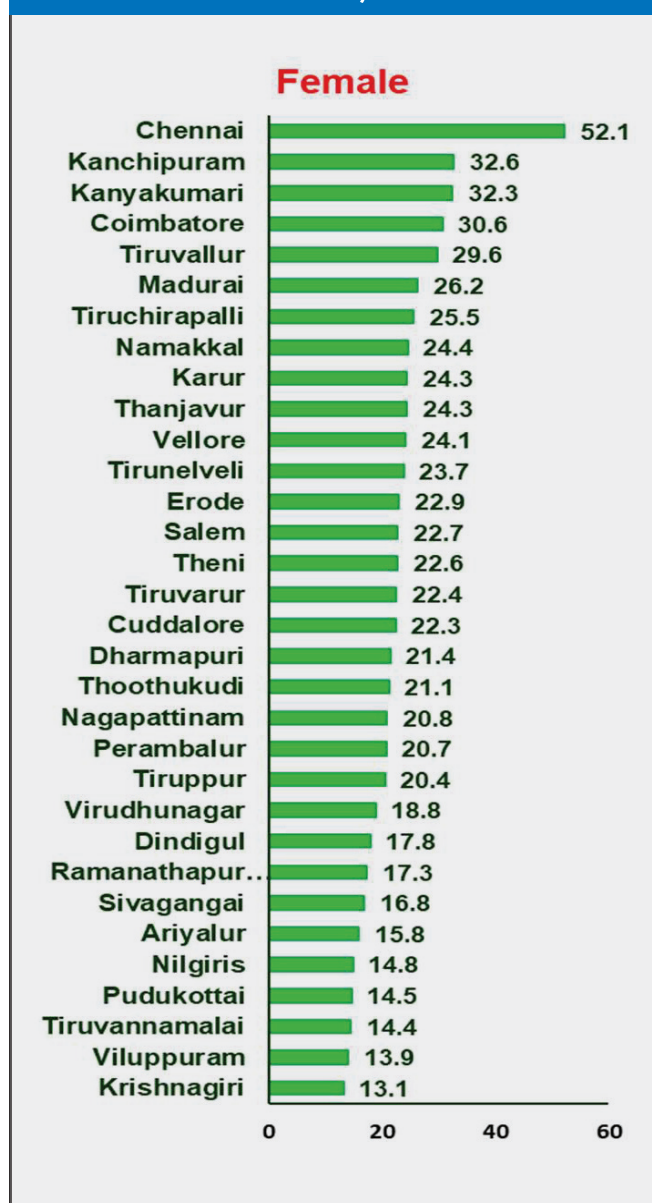
Year: 2016

ICD-10: C50

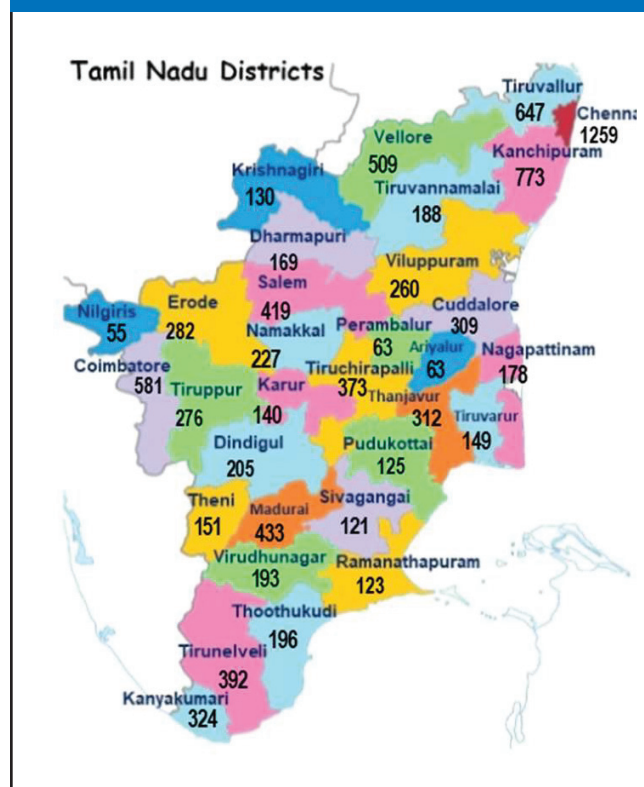
Incidence Statistics, Tamil Nadu

	Female
New Cases	9625
% to all cancers	26.3
C.I.R	24.7
C.R%	2.369
A.S.R	21.7

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 9,625 new cases of cancer of the female breast, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu. It was the top ranked cancer among women with a crude incidence rate (CIR) of 24.7 per 100,000 population in Tamil Nadu. The most number of cases occurred among the residents of Chennai city (1,259) followed by Kanchipuram (773) and Tiruvallur (647) districts. The highest age-standardized rate (ASR) of female breast cancer per 100,000 population in Tamil Nadu was observed in Chennai city (46.4); it was the second highest among all Indian registries. The top 5 districts in Tamil Nadu in order were Chennai (CIR:52.1), Kanchipuram (32.6), Kanyakumari (32.3), Coimbatore (30.6) and Tiruvallur (29.6). The number of cases registered from all hospitals together under non-government sector (62%) was double that under government sector (31%). Histological verification of diagnosis was possible in 92% while <1% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (77.7%) while the peak incidence rate occurred in 55-59 years age group. The incidence rate per 100,000 population in the geriatric age group of 65+ years (59.4) was slightly more than in 35-64 years of age (51.7). The cumulative risk (CR%) of acquiring breast cancer in 0-74 years of lifetime was one in 42 women.

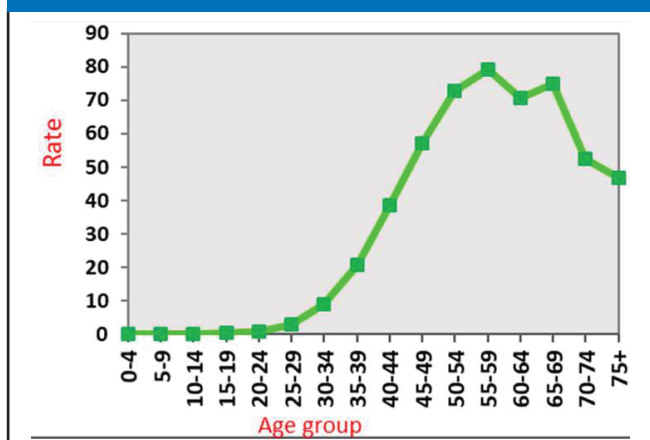
CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Breast

Year: 2016

ICD-10: C50

Age Specific Incidence Rates

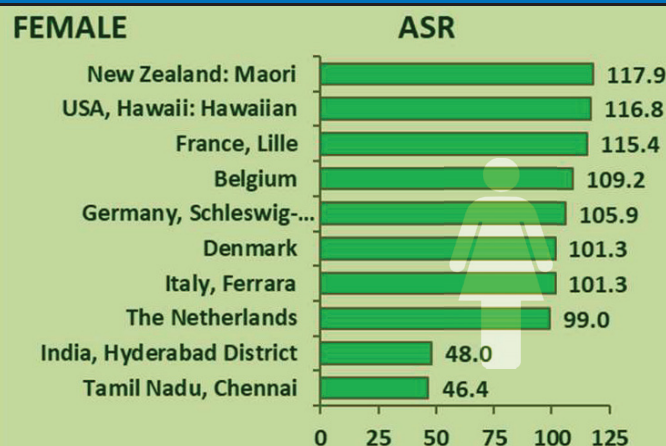


Incidence Statistics by Age Group

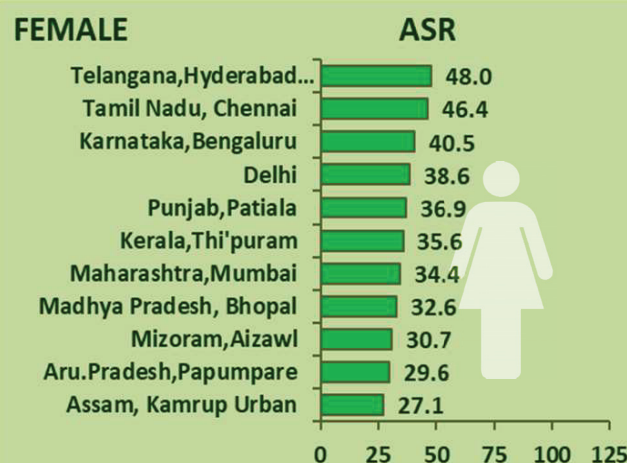
Age group	Female	
	Nos.	Rate
0-14	0	0.0
15-34	435	3.3
35-64	7481	51.7
65 +	1709	59.4

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx



Top Ranking States/Registries: Comparison of National and TNCRP 2016 data
Source: National Cancer Registry Program, 2012-2016
(period varies for individual registries)



Site: Cancer Cervix

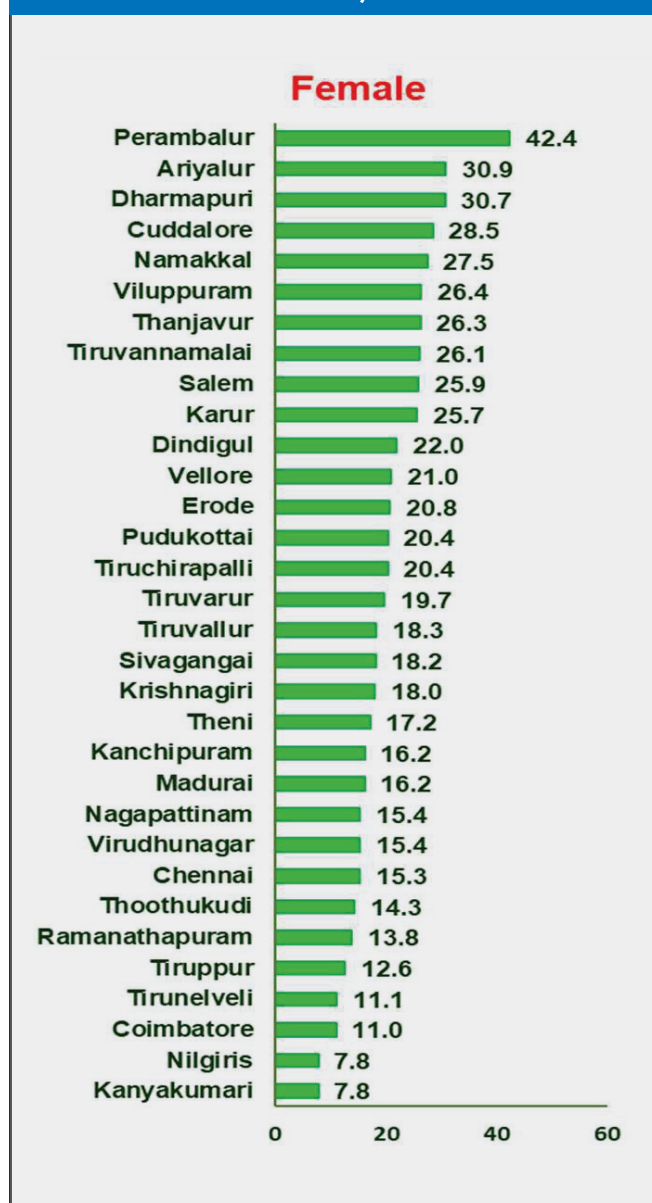
Year: 2016

ICD-10: C53

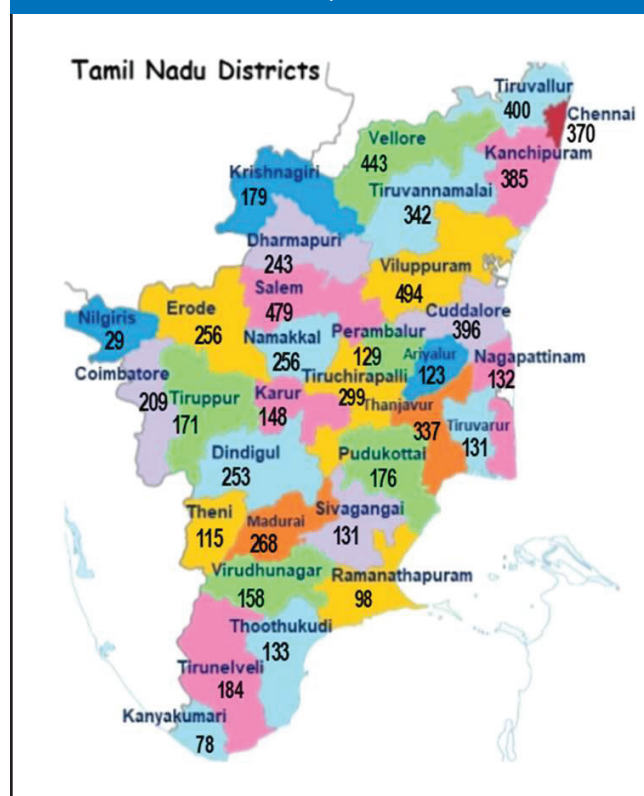
Incidence Statistics, Tamil Nadu

	Female
New Cases	7545
% to all cancers	20.6
C.I.R	19.4
C.R%	1.989
A.S.R	17.3

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 7,545 new cases of cancer of the cervix uteri, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu. It was the second most common cancer with a crude incidence rate (CIR) of 19.4 per 100,000 population in Tamil Nadu. The most number of cases occurred among the residents of Viluppuram (494) followed by Salem (479) and Vellore districts (443) districts. The highest age-standardized rate (ASR) of cervix uteri cancer per 100,000 population in Tamil Nadu was observed in Perambalur district (37.6); it was the highest among all registries in India and ranked fourth in the world. The top 5 districts in Tamil Nadu in order were Perambalur (CIR:42.4), Ariyalur (30.9), Dharmapuri (30.7), Cuddalore (28.5) and Namakkal (27.5). The number of cases registered from all hospitals together under government sector (44%) was almost the same as under non-government sector (45%). Histological verification of diagnosis was possible in 92% while <1% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (76.9%) while the peak incidence rate occurred in the geriatric age group of 65-69 years. The incidence rate per 100,000 population in the geriatric age group of 65+ years (55.5) was higher than in 35-64 years of age (40.1). The cumulative risk (CR%) of acquiring cervix cancer in 0-74 years of lifetime was one in 50 women.

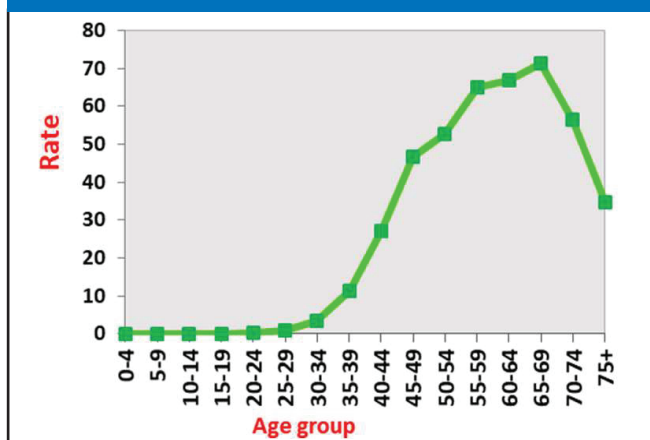
CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Cervix

Year: 2016

ICD-10: C53

Age Specific Incidence Rates



Incidence Statistics by Age Group

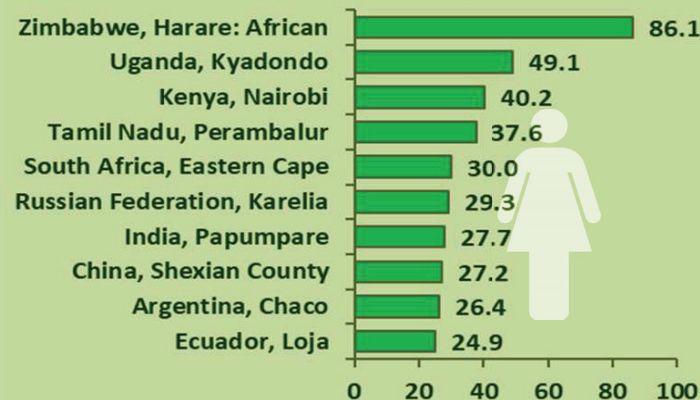
Age group	Female	
	Nos.	Rate
0-14	1	0.0
15-34	150	1.1
35-64	5799	40.1
65 +	1595	55.5

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

FEMALE

ASR



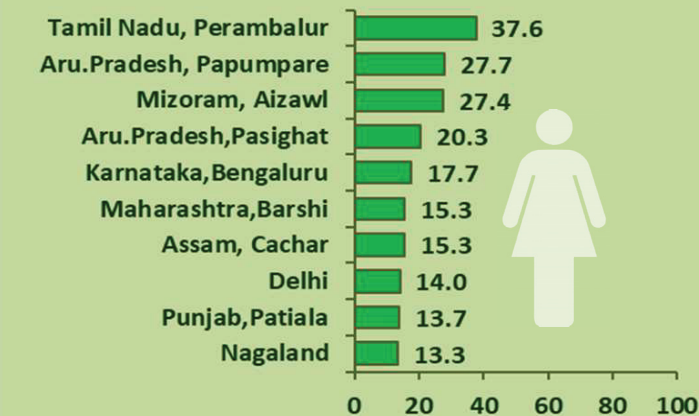
Top Ranking States/Registries: Comparison of National and TNCRP 2016 data

Source: National Cancer Registry Program, 2012-2016

(period varies for individual registries)

FEMALE

ASR



Site: Cancer Ovary

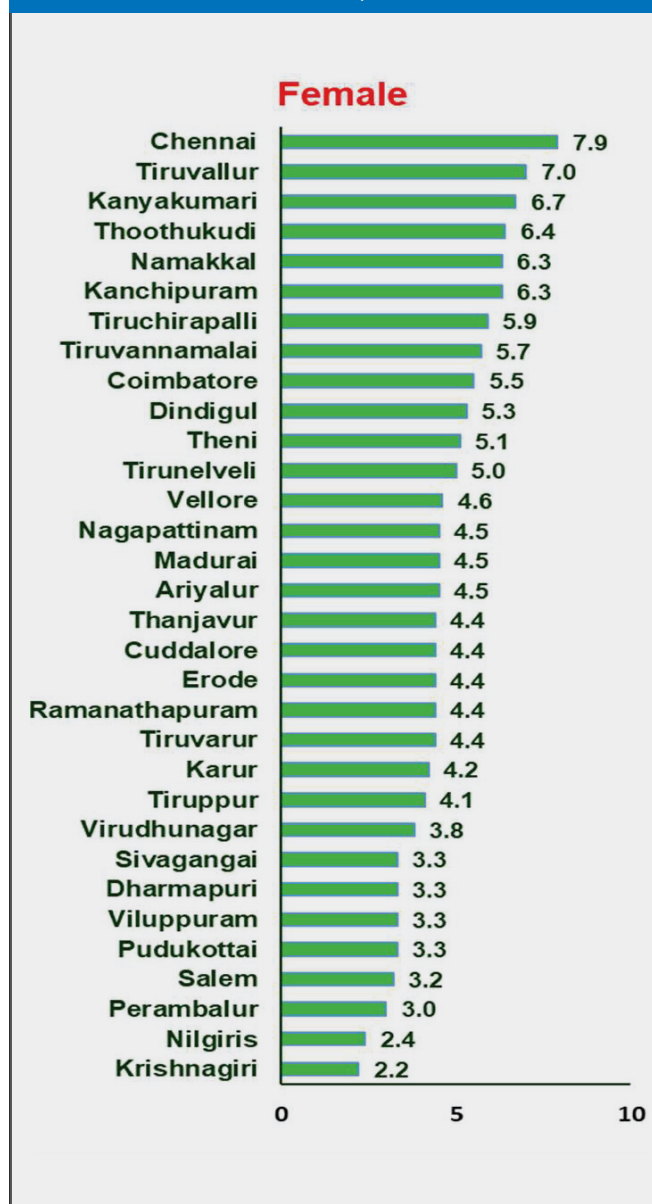
Year: 2016

ICD-10: C56

Incidence Statistics, Tamil Nadu

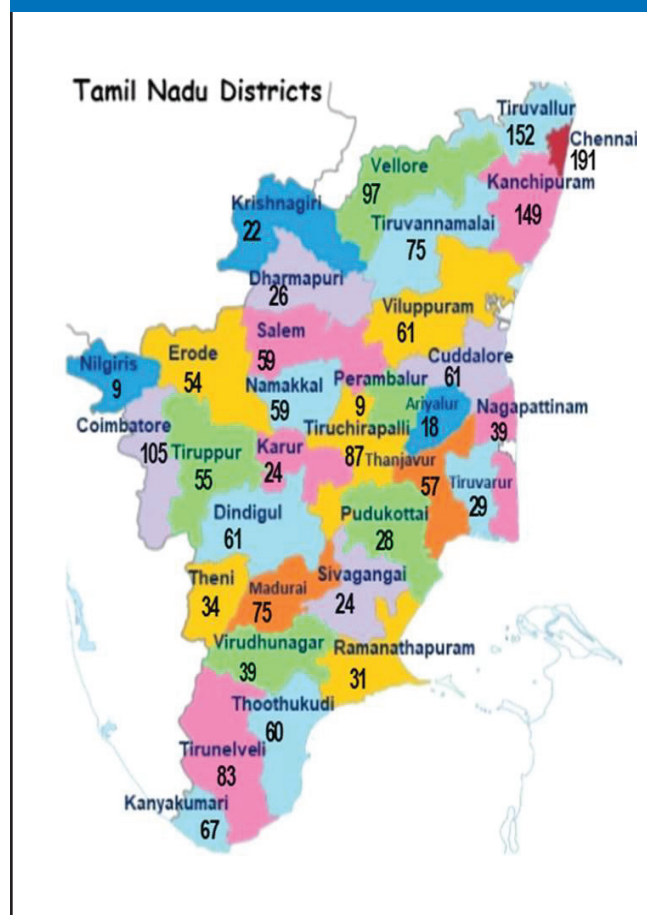
	Female
New Cases	1940
% to all cancers	5.3
C.I.R	5.0
C.R%	0.496
A.S.R	4.5

Crude Incidence Rate by Residence District



CIR, ASR and Rates are per 1,00,000 population

No. of New cases by Residence District



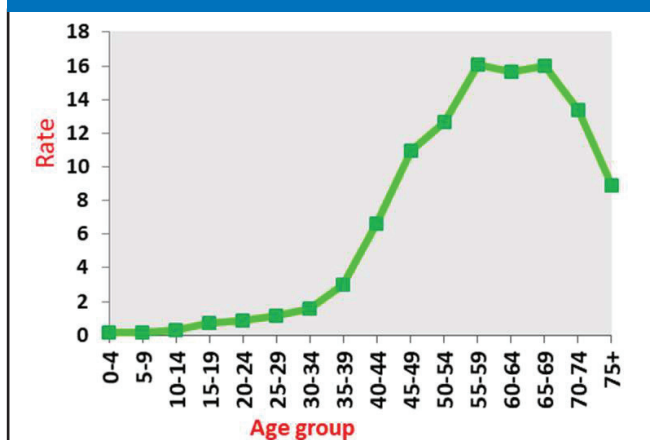
A total of 1,940 new cases of cancer of the ovary, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu. It was the third most common cancer among women with a crude incidence rate (CIR) of 5.0 per 100,000 population in Tamil Nadu. Most number of cases occurred among the residents of Chennai city (191) followed by Tiruvallur (152) and Kanchipuram (149) districts. The top ranking districts were Chennai (7.9), Tiruvallur (7.0), Kanyakumari (6.7) and Thoothukudi (6.4). Cases registered from hospitals with radiotherapy under non-government sector together formed the majority (39%); Histological verification of diagnosis was possible in 82% while <1% were registered on the basis of a death certificate only. A majority of the cases were in the age group of 35-64 years (72.2%) while the peak incidence rate occurred in the geriatric age group of 65-69 years. The incidence rate per 100,000 population in the geriatric age group of 65+ years (13.0) was higher than in 35-64 years of age (9.7). The cumulative risk (CR%) of acquiring cervix cancer in 0-74 years of lifetime was one in 202 women.

Site: Cancer Ovary

Year: 2016

ICD-10: C56

Age Specific Incidence Rates



Incidence Statistics by Age Group

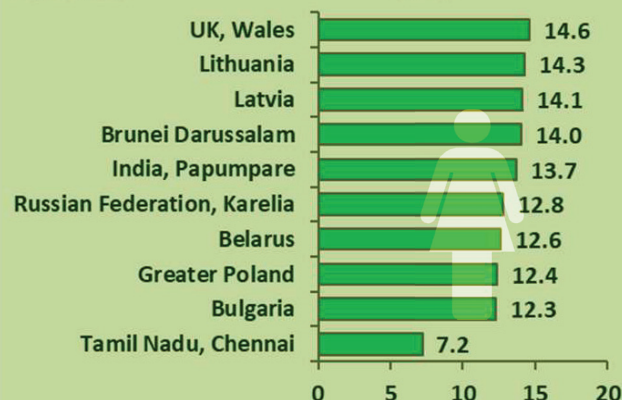
Age group	Female	
	Nos.	Rate
0-14	19	0.2
15-34	146	1.1
35-64	1401	9.7
65 +	374	13.0

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

FEMALE

ASR



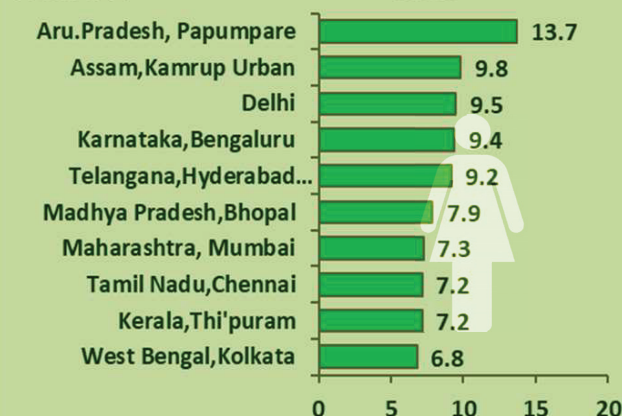
Top Ranking States/Registries: Comparison of National and TNCRP 2016 data

Source: National Cancer Registry Program, 2012-2016

(period varies for individual registries)

FEMALE

ASR



Site: Malignant Lymphoma

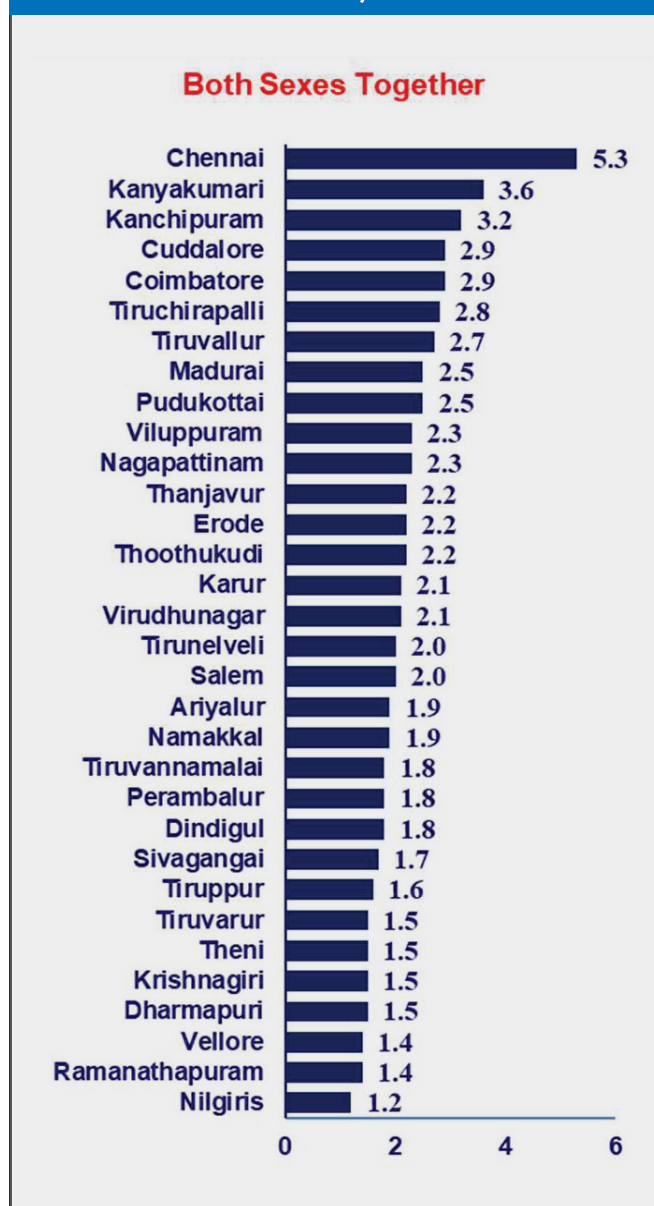
Year: 2016

ICD-10: C81-C85, C96

Incidence Statistics, Tamil Nadu

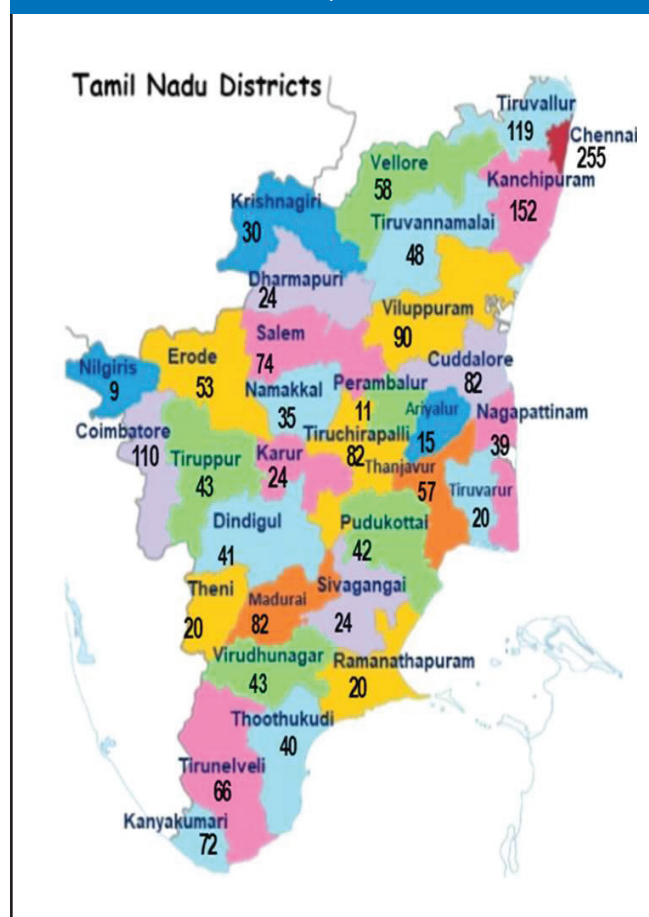
	Male	Female	Total
New Cases	1172	708	1880
%	62.3	37.7	100.0
C.I.R	3.0	1.8	2.4
C.R%	0.297	0.166	0.231
A.S.R	2.9	1.6	2.3

Crude Incidence Rate by Residence District



CIR, ASR and Rates are per 1,00,000 population

No. of New cases by Residence District



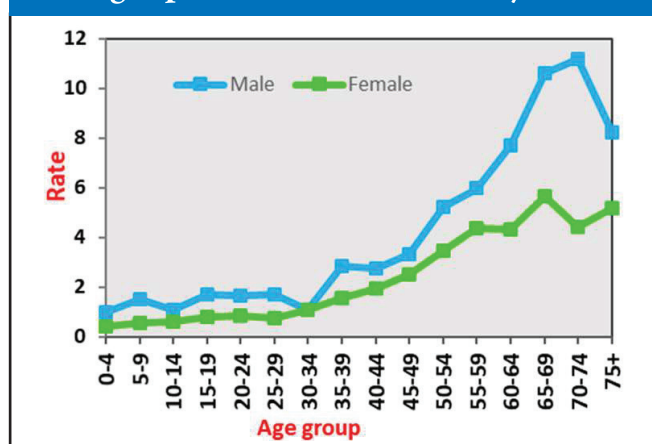
A total of 1,880 new cases of malignant lymphoma comprising Hodgkin and non-Hodgkin together, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu with more men (1,172) than women (708) in the ratio of 1.66:1. The most number of cases occurred among the residents of Chennai city (255) followed by Kanchipuram (152) and Tiruvallur districts (119). The crude incidence rate (CIR) was 3.0 in men and 1.8 among women per 100,000 population in Tamil Nadu. The top 3 districts in Tamil Nadu among both sexes together were Chennai (CIR:5.3), Kanyakumari (3.6) and Kanchipuram (3.2). The number of cases registered from all hospitals together under non-government sector (55%) was more than double than under government sector (27%). Cases registered on the basis of a death certificate only was 1%. Cases in childhood (0-14 years) comprised 9% while the majority were in the age group of 35-64 years (52.9%); the peak incidence rate occurred in geriatric age group of 65+ years in both sexes. The cumulative risk (CR%) of getting lymphoma in 0-74 years of lifetime was one in 433.

Site: Malignant Lymphoma

Year: 2016

ICD-10: C81-C85, C96

Age Specific Incidence Rates by Sex



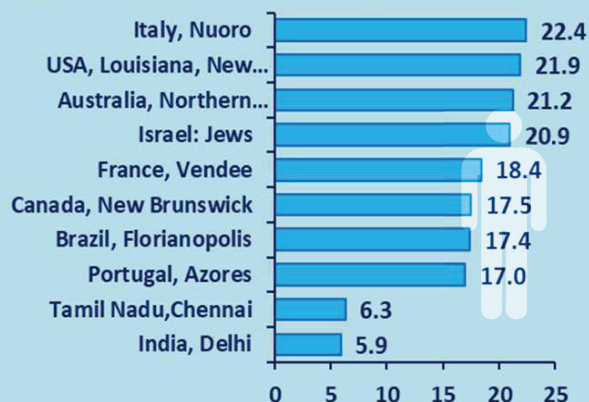
Incidence Statistics by Age Group and Sex

Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	105	1.2	45	0.5
15-34	207	1.5	117	0.9
35-64	596	4.2	398	2.8
65 +	264	10.0	148	5.1

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

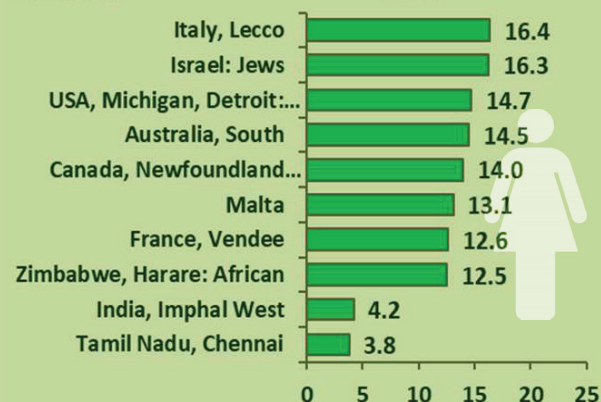
MALE

ASR



FEMALE

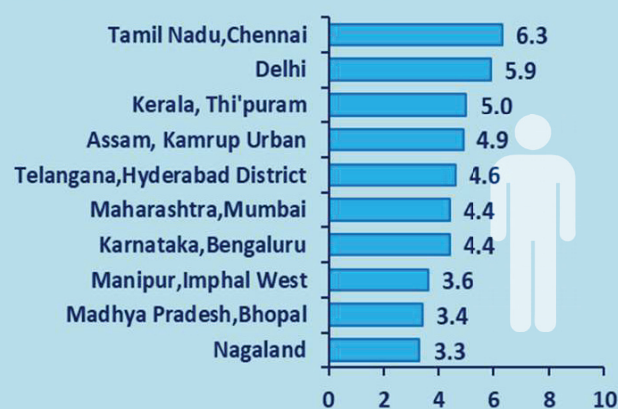
ASR



Top Ranking States/Registries: Comparison of National and TNCRP 2016 data
 Source: National Cancer Registry Program, 2012-2016
 (period varies for individual registries)

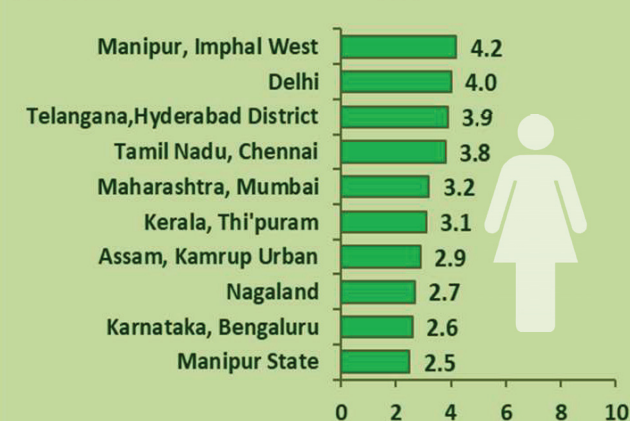
MALE

ASR



FEMALE

ASR



Site: Leukaemia

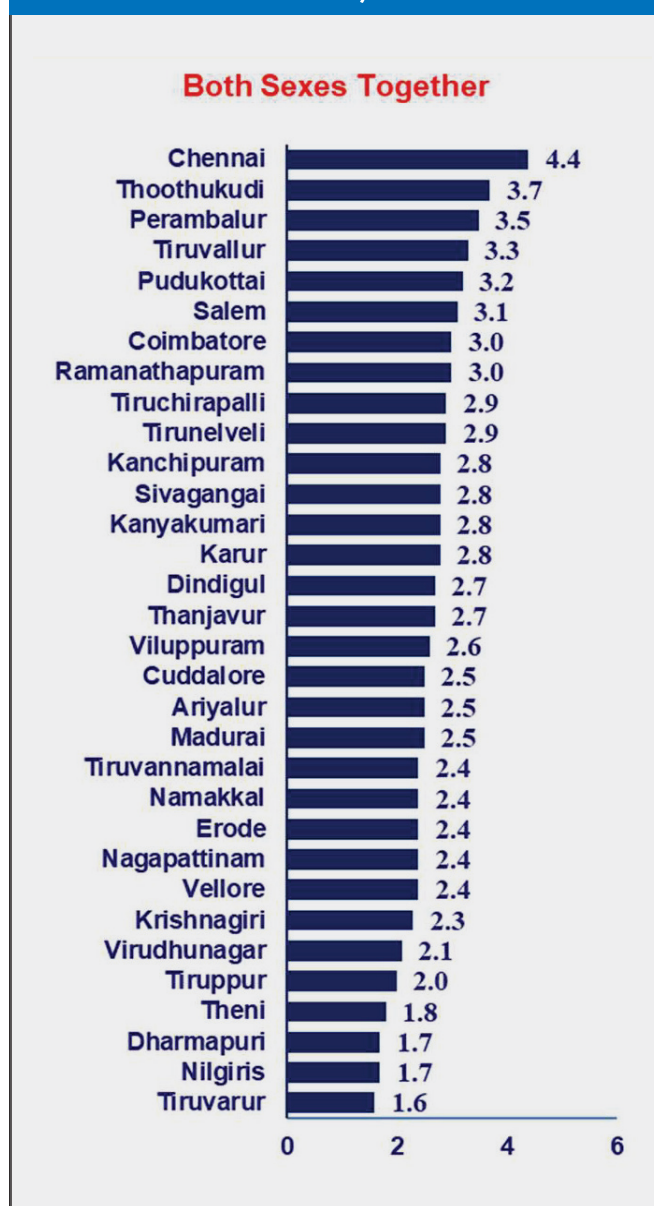
Year: 2016

ICD-10: C91-C95

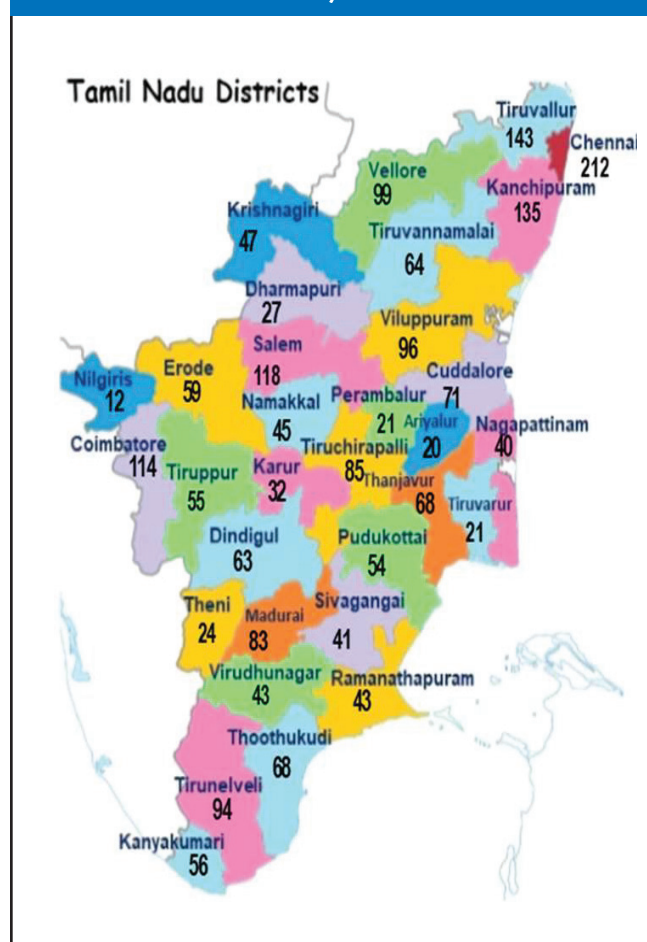
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	1300	853	2153
%	60.4	39.6	100.0
C.I.R	3.3	2.2	2.8
C.R%	0.281	0.180	0.228
A.S.R	3.5	2.3	2.9

Crude Incidence Rate by Residence District



No. of New cases by Residence District



A total of 2,153 new cases of leukemia comprising lymphoid, myeloid and unspecified together, diagnosed in the year 2016, were registered from whole of the state of Tamil Nadu with more men (1,300) than women (853). The most number of cases occurred among the residents of Chennai city (212) followed by Tiruvallur (143) and Kanchipuram (135) districts. The crude incidence rate (CIR) was 3.3 in men and 2.2 among women per 100,000 population in Tamil Nadu. The top 3 districts in Tamil Nadu among both sexes together were Chennai (CIR:4.4), Thoothukudi (3.7) and Perambalur (3.5). The number of cases registered from all hospitals together under non-government sector (51%) was more than that under government sector (32%). Cases registered on the basis of a death certificate only was 1%. The incidence rates were almost similar in the age group of 0-14 and 35-64 years in both sexes; the peak incidence rate occurred in age group of 65-69 years in men and 55-59 years among women. The cumulative risk (CR%) of getting leukemia in 0-74 years of lifetime was one in 439.

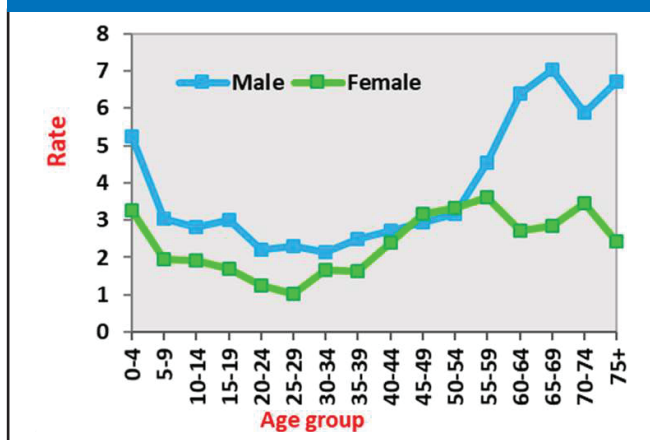
CIR, ASR and Rates are per 1,00,000 population

Site: Leukaemia

Year: 2016

ICD-10: C91-C95

Age Specific Incidence Rates by Sex



Incidence Statistics by Age Group and Sex

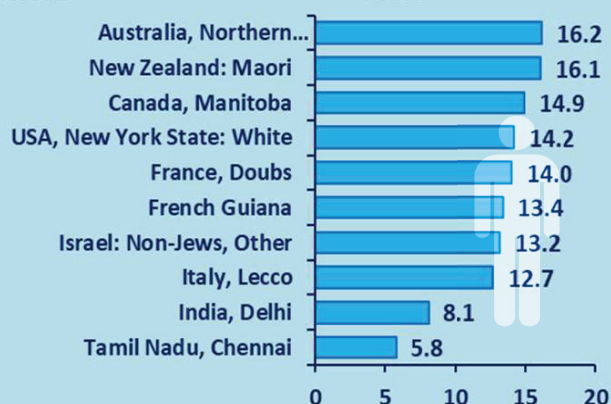
Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	321	3.7	195	2.4
15-34	322	2.4	186	1.4
35-64	484	3.4	389	2.7
65 +	173	6.6	83	2.9

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

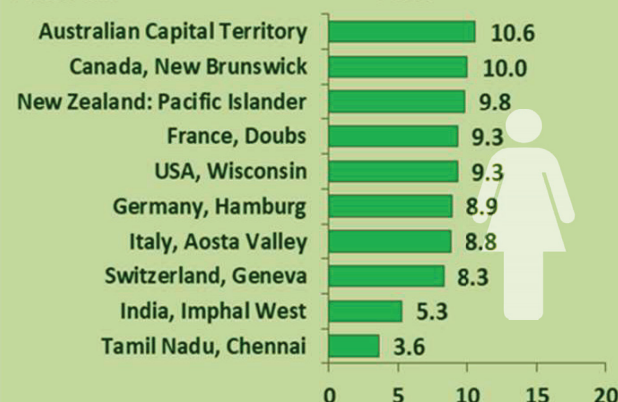
MALE

ASR



FEMALE

ASR



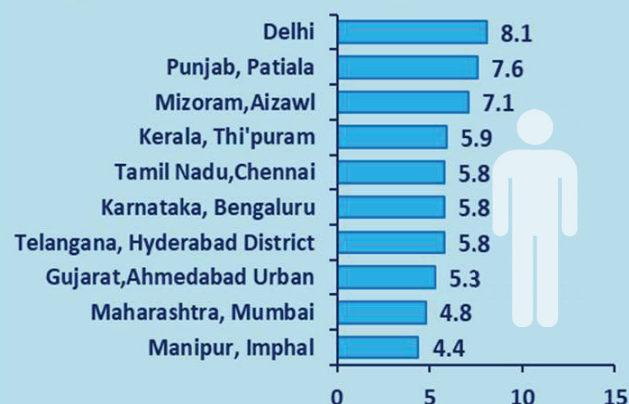
Top Ranking States/Registries: Comparison of National and TNCRP 2016 data

Source: National Cancer Registry Program, 2012-2016

(period varies for individual registries)

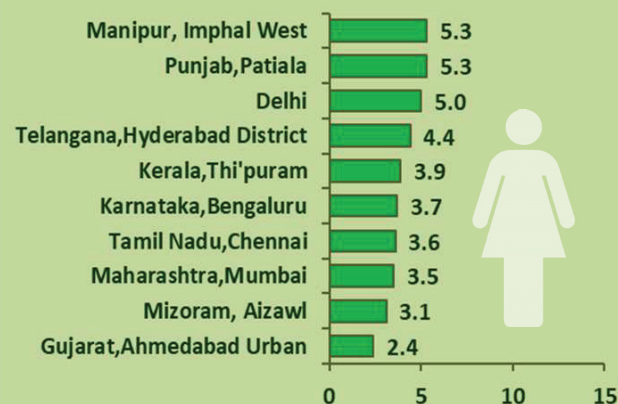
MALE

ASR



FEMALE

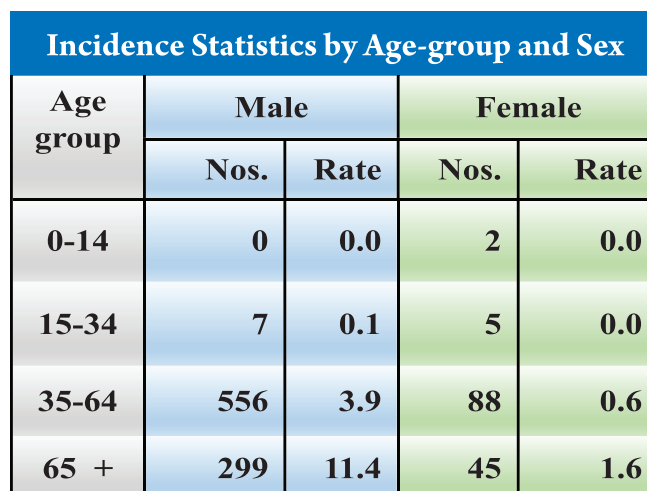
ASR



ICD-10: C09-C10

No. of New cases by Residence District

District	Number of New Cases
Chennai	73
Tiruvallur	60
Kanchipuram	62
Vellore	53
Tiruvannamalai	31
Krishnagiri	12
Dharmapuri	18
Salem	58
Erode	58
Nilgiris	3
Coimbatore	104
Tiruppur	53
Namakkal	24
Karur	19
Perambalur	2
Ariyalur	1
Tiruchirappalli	51
Thanjavur	51
Cuddalore	26
Nagapattinam	21
Tiruvarur	17
Pudukottai	13
Dindigul	22
Sivagangai	1
Madurai	24
Virudhunagar	17
Ramanathapuram	6
Thoothukudi	23
Tirunelveli	31
Kanyakumari	30



CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Hypopharynx

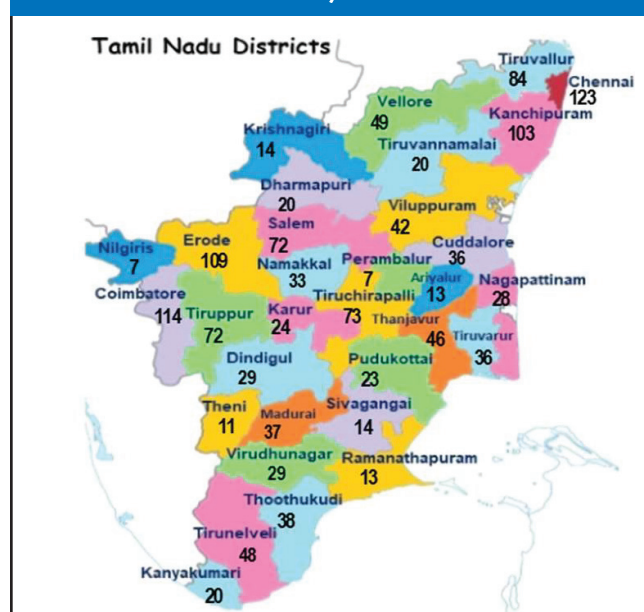
Year: 2016

ICD-10: C12-C13

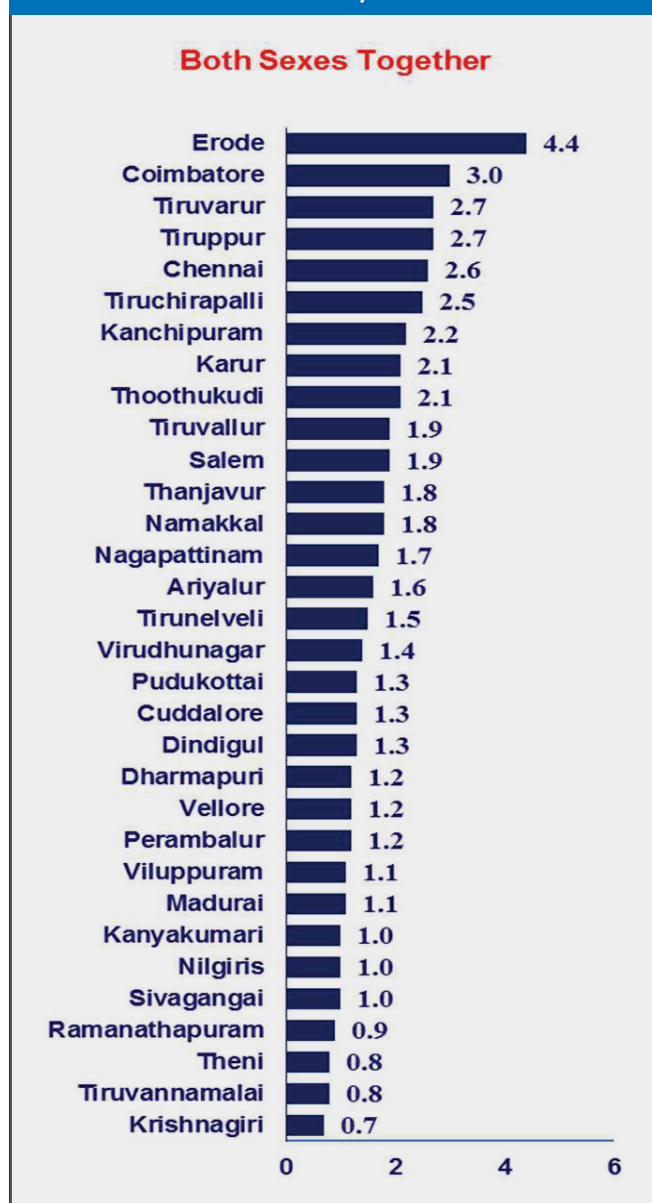
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	920	467	1387
%	66.3	33.7	100.0
C.I.R	2.4	1.2	1.8
C.R%	0.282	0.121	0.199
A.S.R	2.3	1.1	1.6

No. of New cases by Residence District



Crude Incidence Rate by Residence District



Incidence Statistics by Age-group and Sex

Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	0	0.0	0	0.0
15-34	20	0.1	21	0.2
35-64	522	3.7	353	2.4
65 +	378	14.4	93	3.2

A total of 1,387 new cases of cancer of the hypopharynx, diagnosed in the year 2016, were registered from the state of Tamil Nadu with more men (920) than women (1:0.51). It was ranked within the top 10 cancers among men with a crude incidence rate (CIR) of 2.4 per 100,000 population in Tamil Nadu; the corresponding rate was 1.2 among women. Most number of cases occurred among the residents of Chennai city (123) followed by Coimbatore (114) and Erode (109) districts. The highest CIR was observed in Erode (4.4) district among both sexes together. The other top ranking districts were Coimbatore (3.0), Tiruvallur (2.7), Tiruppur (2.7) and Chennai (2.6). Cases in age group of 35-64 years comprised 63.1% while the peak incidence rate occurred in 55-59 years age group among women and 65-69 years among men. The cumulative risk (CR%) of acquiring hypopharyngeal cancer in 0-74 years of lifetime was one in 503.

CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Larynx

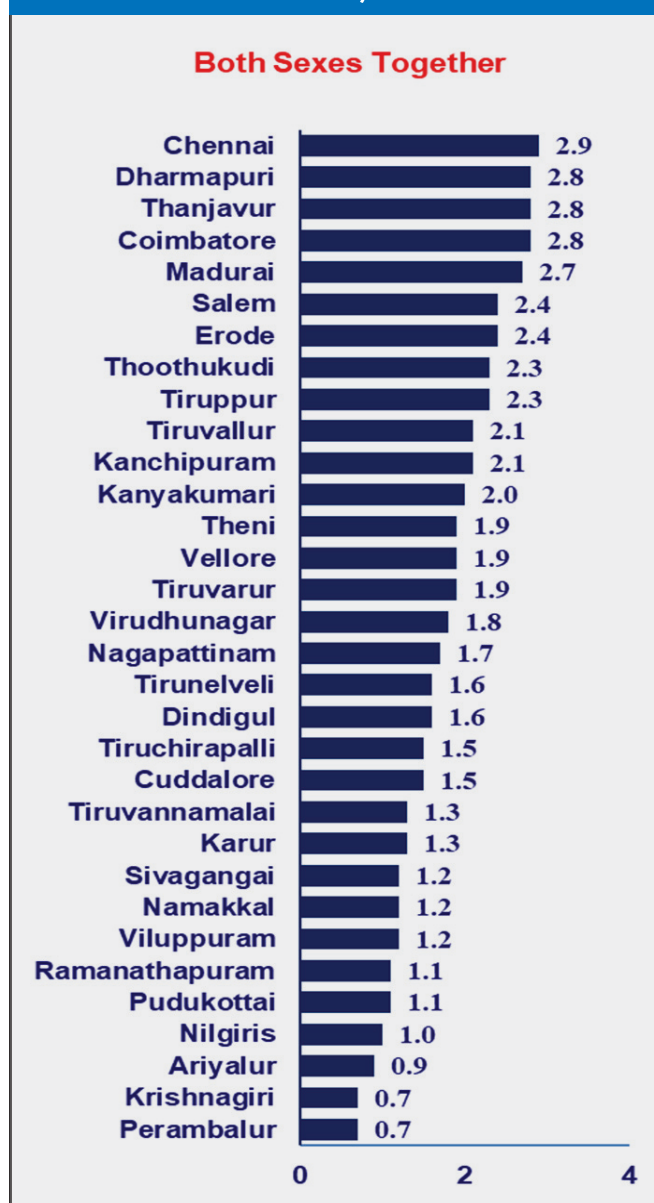
Year: 2016

ICD-10: C32

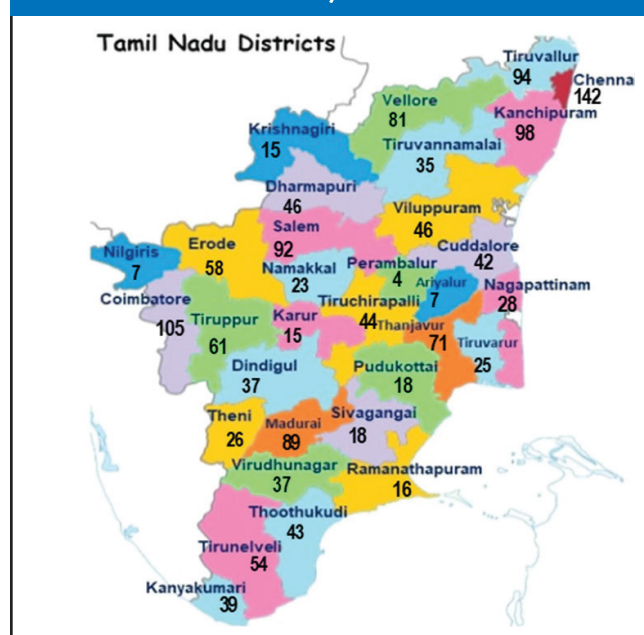
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	1328	188	1516
%	87.6	12.4	100.0
C.I.R	3.4	0.5	1.9
C.R%	0.410	0.049	0.227
A.S.R	3.3	0.4	1.8

Crude Incidence Rate by Residence District



No. of New cases by Residence District



Incidence Statistics by Age-group and Sex

Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	1	0.0	0	0.0
15-34	13	0.1	16	0.1
35-64	789	5.6	120	0.8
65 +	525	20.0	52	1.8

A total of 1,516 new cases of cancer of the larynx, diagnosed in the year 2016, were registered in Tamil Nadu with more men (1,328) than women (1:0.14). It was ranked seventh among men with a crude incidence rate (CIR) of 3.4 per 100,000 population in Tamil Nadu; the corresponding rate was 0.5 among women. Most number of cases occurred among the residents of Chennai city (142) followed by Coimbatore (105) and Kanchipuram (98) districts. The top ranking districts for both sexes together were Chennai (CIR:2.9), Dharmapuri, Thanjavur and Coimbatore (2.8). Cases in the age group of 35-64 years were the majority (60%) while the peak incidence rate occurred in 65-69 years age group among both sexes. The cumulative risk (CR%) of acquiring laryngeal cancer in 0-74 years of lifetime was one in 441.

CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Corpus Uteri

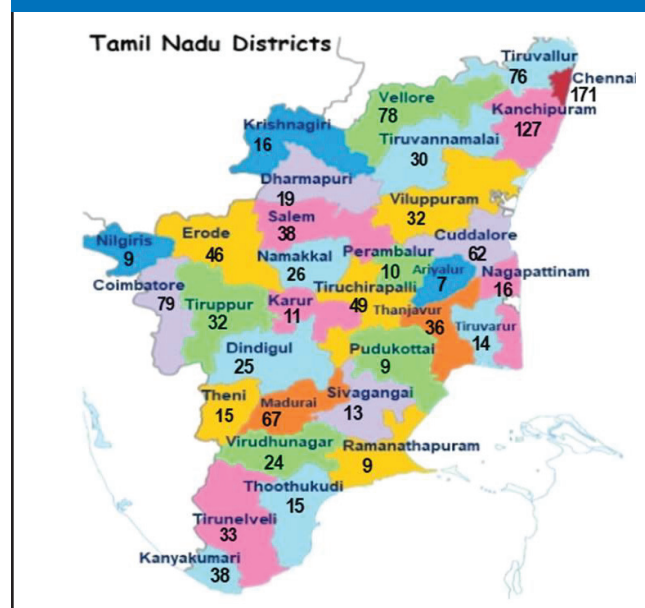
Year: 2016

ICD-10: C54

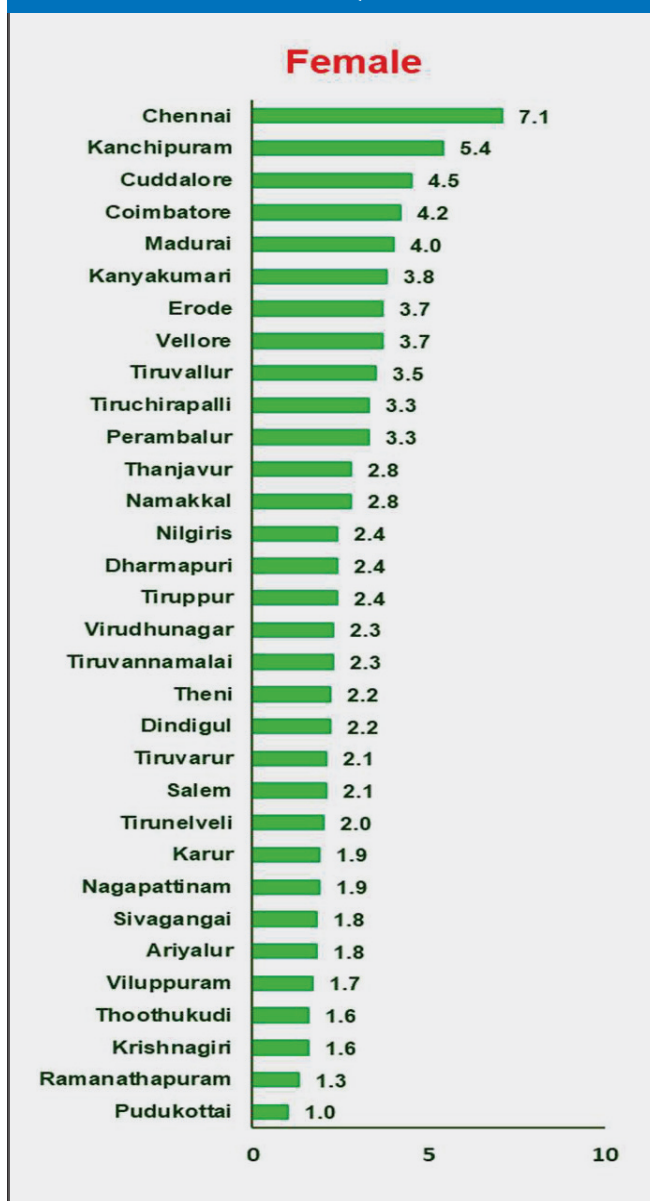
Incidence Statistics, Tamil Nadu

	Female
New Cases	1232
% to all cancers	3.4
C.I.R	3.2
C.R%	0.358
A.S.R	2.9

No. of New cases by Residence District



Crude Incidence Rate by Residence District



Incidence Statistics by Age-group and Sex

Age group	Female	
	Nos.	Rate
0-14	0	0.0
15-34	31	0.2
35-64	865	6.0
65 +	336	11.7

A total of 1,232 new cases of cancer of the corpus uteri were registered from Tamil Nadu in the year 2016. It was ranked seventh among women with a crude incidence rate (CIR) was 3.2 per 100,000 in Tamil Nadu. Most number of cases occurred among the residents of Chennai city (171) followed by Kanchipuram (127) and Coimbatore (79) districts. The top ranking districts were Chennai (CIR:7.1), Kanchipuram (5.4), Cuddalore (4.5), Coimbatore (4.2) and Madurai (4.0). A majority of cases were in the age group of 35-64 years (70.2%); peak incidence rate occurred in 65-69 years of age. The incidence rate per 100,000 population in the geriatric age group of 65+ years (11.7) was higher than in 35-64 years of age (6.0). Cumulative risk of acquiring corpus uteri cancer in 0-74 years of lifetime was one in 279.

CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Prostate

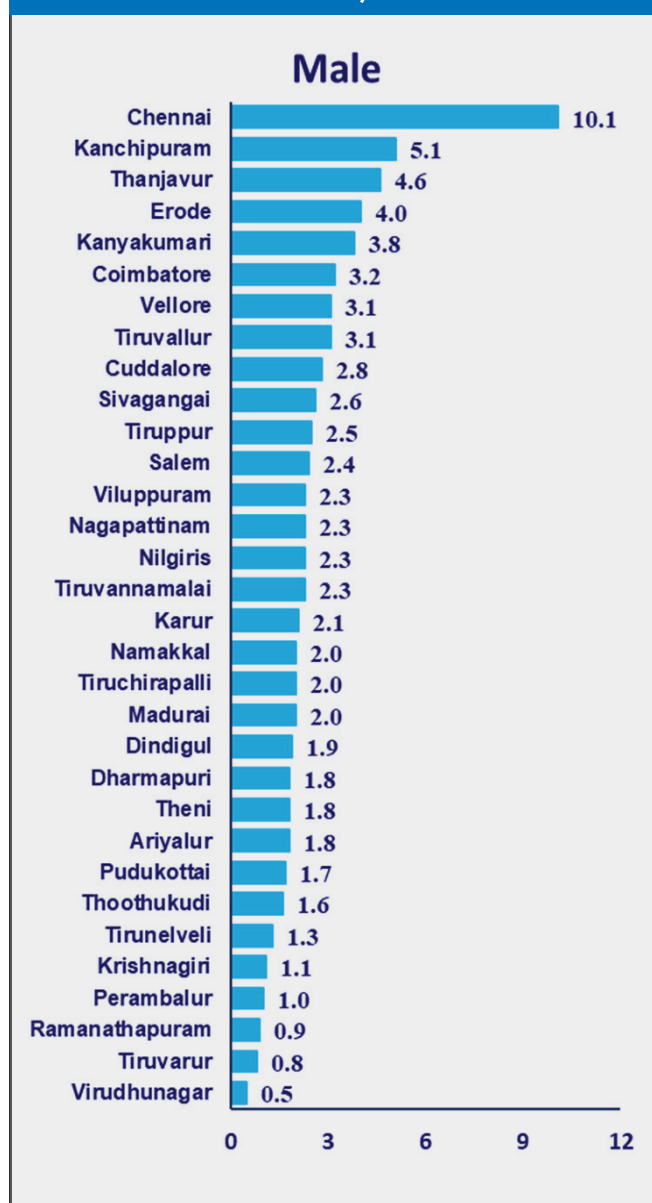
Year: 2016

ICD-10: C61

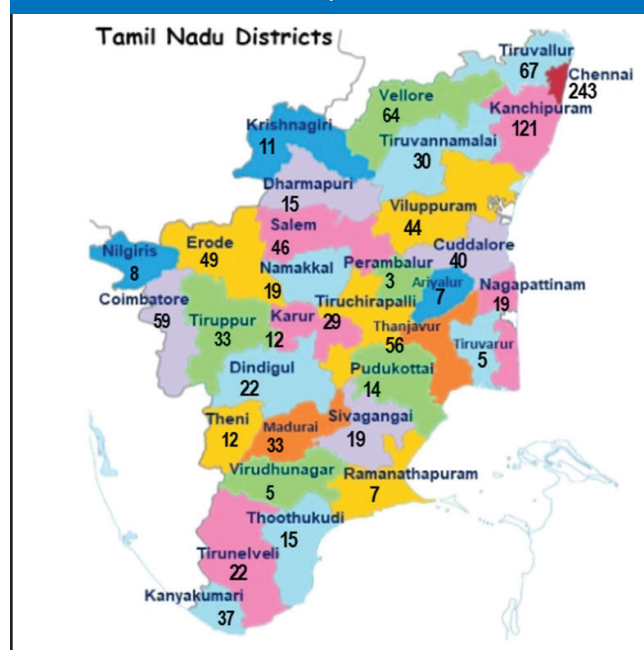
Incidence Statistics, Tamil Nadu

	Male
New Cases	1166
% to all cancers	4.0
C.I.R	3.0
C.R%	0.344
A.S.R	3.0

Crude Incidence Rate by Residence District



No. of New cases by Residence District



Incidence Statistics by Age-group and Sex

Age group	Male	
	Nos.	Rate
0-14	1	0.0
15-34	2	0.0
35-64	292	2.1
65 +	871	33.1

A total of 1,166 new cases of cancer of the prostate, diagnosed in the year 2016, were registered from the state of Tamil Nadu. It was ranked ninth among men with cancer with a crude incidence rate (CIR) of 3.0 per 100,000 population in Tamil Nadu. Most number of cases occurred among the residents of Chennai city (243) followed by Kanchipuram (121) and Tiruvallur (67) districts. The top ranking districts in terms of CIR were Chennai (10.1), Kanchipuram (5.1), Thanjavur (4.6), Erode (4.0) and Kanyakumari (3.8). A majority of cases were in the geriatric age-group of 65+ years (74.7%); the peak incidence rate occurred in the age group of 75+ years. The cumulative risk (CR%) of acquiring prostate cancer in 0-74 years of lifetime was one in 291 men.

CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Bladder

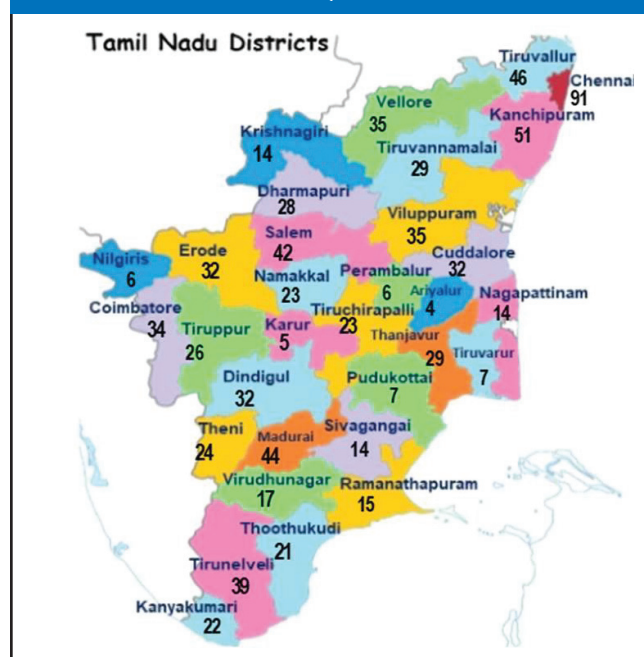
Year: 2016

ICD-10: C67

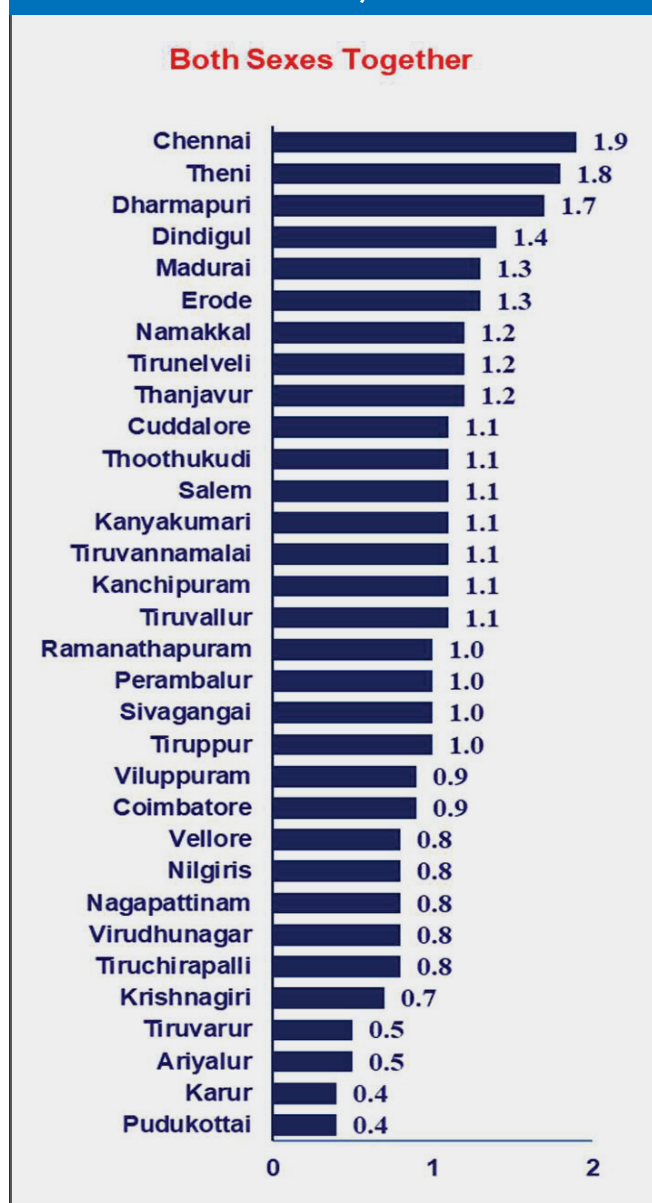
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	636	211	847
%	75.1	24.9	100.0
C.I.R	1.6	0.5	1.1
C.R%	0.179	0.062	0.119
A.S.R	1.6	0.5	1.0

No. of New cases by Residence District



Crude Incidence Rate by Residence District



Incidence Statistics by Age-group and Sex

Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	0	0.0	0	0.0
15-34	13	0.1	4	0.0
35-64	274	1.9	115	0.8
65 +	349	13.3	92	3.2

A total of 847 new cases of cancer of the urinary bladder, diagnosed in the year 2016, were registered from the state of Tamil Nadu with more men (636) than women (1:0.33). It was not ranked within the top 10 cancers in both sexes; crude incidence rate (CIR) was 1.6 among men and 0.5 among women per 100,000 in Tamil Nadu. Most number of cases occurred among the residents of Chennai city (91) followed by Kanchipuram district (51). The top ranking districts for both sexes together were Chennai (CIR:1.9), Theni (1.8), Dharmapuri (1.7), Dindigul (1.4) and Madurai (1.3). The peak incidence rate occurred in geriatric age group of 65+ years in both sexes. The cumulative risk (CR%) of acquiring bladder cancer in 0-74 years of lifetime was one in 840.

CIR, ASR and Rates are per 1,00,000 population

Site: Cancer Brain & CNS

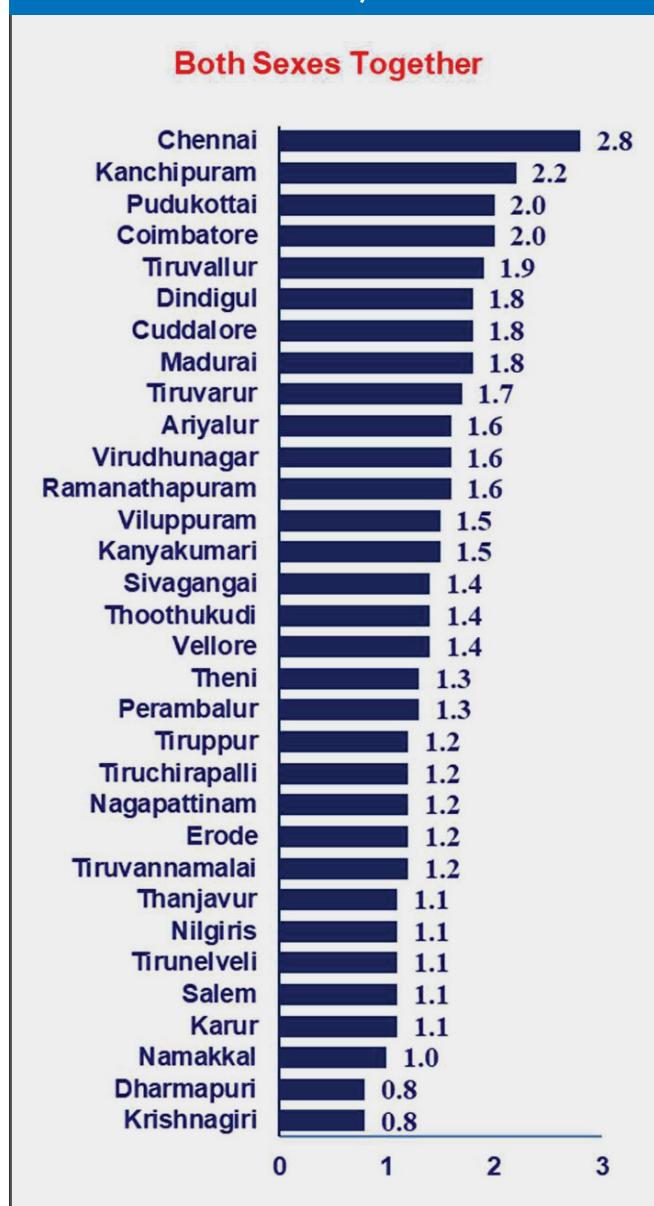
Year: 2016

ICD-10: C70-C72

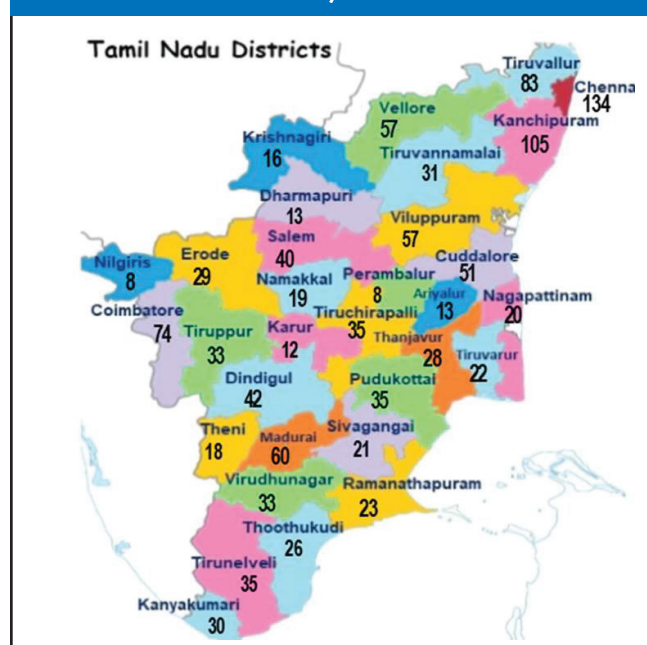
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	693	518	1211
%	57.2	42.8	100.0
C.I.R	1.8	1.3	1.6
C.R%	0.165	0.114	0.139
A.S.R	1.7	1.3	1.5

Crude Incidence Rate by Residence District



No. of New cases by Residence District



Incidence Statistics by Age-group and Sex

Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	91	1.0	69	0.8
15-34	121	0.9	97	0.7
35-64	382	2.7	298	2.1
65 +	99	3.8	54	1.9

A total of 1,211 new cases of cancer of the brain and CNS, were registered from Tamil Nadu in year 2016 with more men (693) than women (1:0.75). Not ranked among the top 10 cancers, the crude incidence rate (CIR) of brain/CNS cancers were 1.8 among men and 1.3 among women per 100,000. Most number of cases occurred among the residents of Chennai city (134) followed by Kanchipuram (105) and Tiruvallur (83) districts. The top ranking districts for both sexes together were Chennai (CIR:2.8), Kanchipuram (2.2), Pudukottai (2.0), Coimbatore (2.0) and Tiruvallur (1.9). Majority of cases were in age-group 35-64 years (56.2%); the peak incidence rate occurred in age group of 60-64 years among women and 65-69 years in men. Cumulative risk (CR%) of acquiring brain & CNS cancers in 0-74 years of lifetime was one in 719.

CIR, ASR and Rates are per 1,00,000 population

CHAPTER 5

CHILDHOOD AND TEEN-AGE CANCERS (CTC): INCIDENCE STATISTICS

Site: Childhood and Teen-age Cancers (CTC)

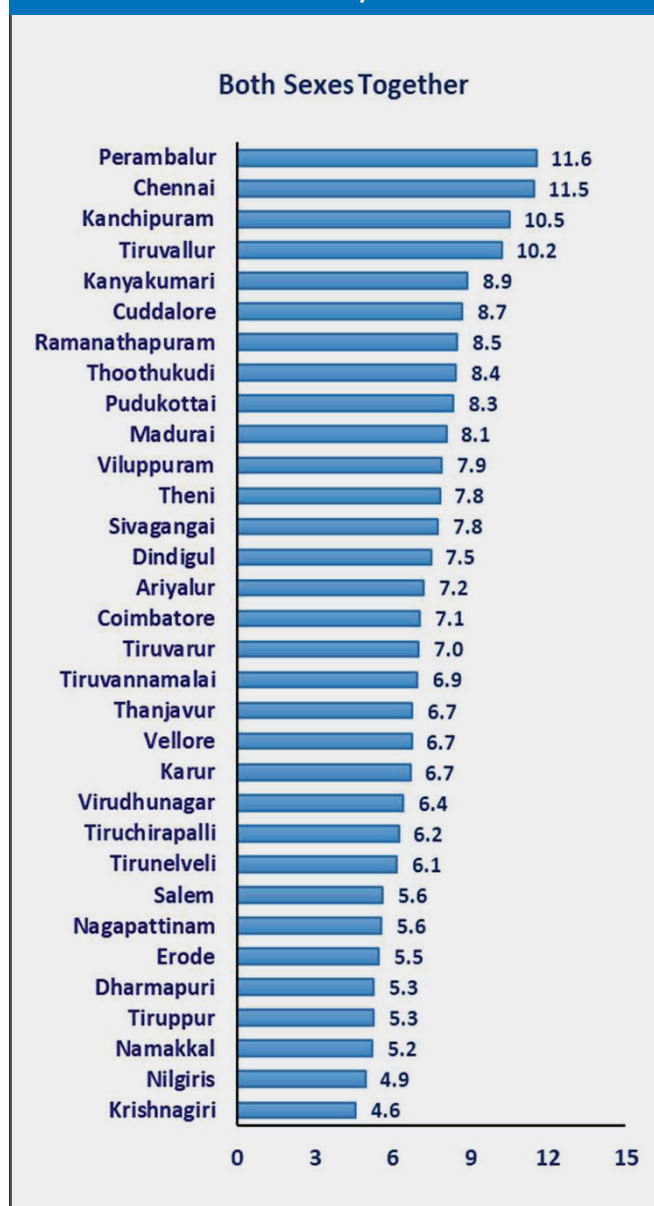
Year: 2016

Age group: 0-19 years

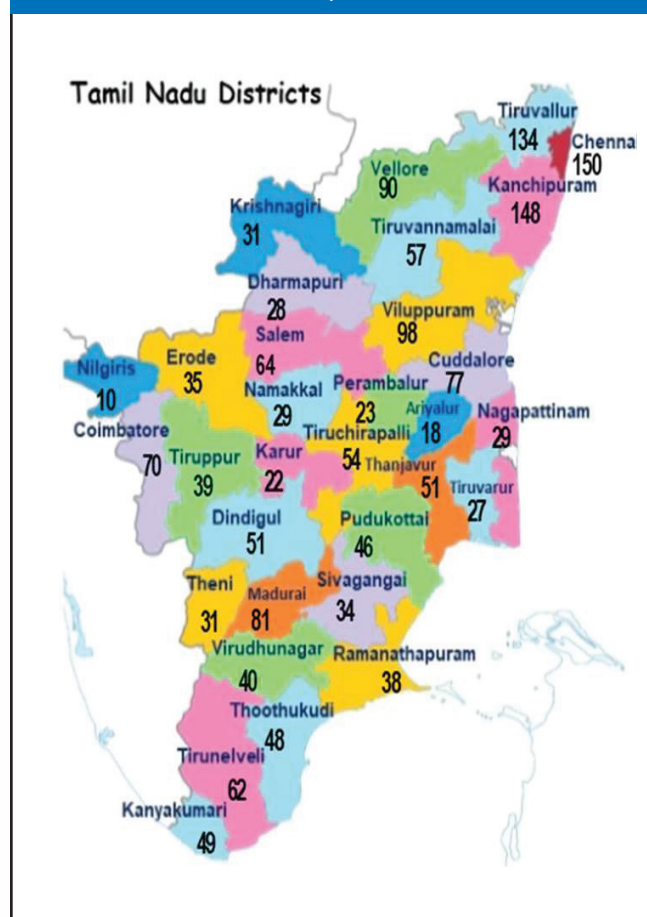
Incidence Statistics, Tamil Nadu

	Boys	Girls	Total
New Cases	1023	741	1764
%	58.0	42.0	100.0
C.I.R	8.5	6.6	7.6
C.R%	0.170	0.131	0.151
A.S.R	8.7	6.6	7.7

Crude Incidence Rate by Residence District



No. of New cases by Residence District



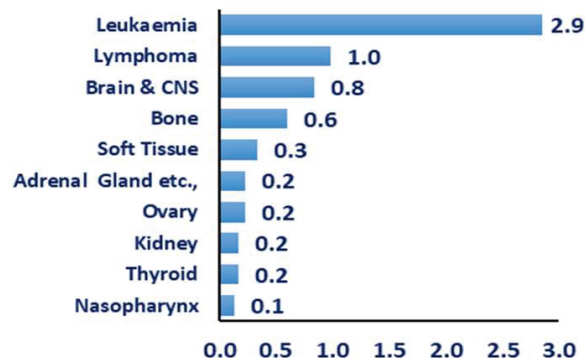
A total of 1,764 new cases of childhood and teen-age (0-19 years) cancers, diagnosed in the year 2016, were registered from the whole of Tamil Nadu with more boys (1,023) than girls (741) in the ratio of 138 boys to 100 girls. Childhood and teen-age cancers (CTC) account for 2.7% of all cancers occurring in all ages together. The most number of cases occurred among the residents of Chennai city (150) followed by Kanchipuram (148) and Tiruvallur districts (134). The crude incidence rate (CIR) of CTC per 100,000 population of both sexes together was the highest in Perambalur district (11.6) followed by Chennai (11.5), Kanchipuram (10.5) and Tiruvallur (10.2). Histological verification of diagnosis was possible in 94% while cases registered based on a death certificate only was 1%. Leukemias together were the most common cancer (CIR: 2.9) followed by all lymphomas (1.0), brain/CNS (0.8), bone (0.6) and soft tissue (0.3) malignancies. Incidence rates by 5-year age-group were the highest in 0-4 and 15-19 years of age. The cumulative risk (CR%) of getting CTC in 0-19 years was one in 662.

CIR, ASR and Rates are per 1,00,000 population

Site: Childhood and Teen-age Cancers (CTC) Year: 2016 Age group: 0-19 years

Common Cancers - CIR

Both Sexes Together



Incidence Statistics by Age Group and Sex

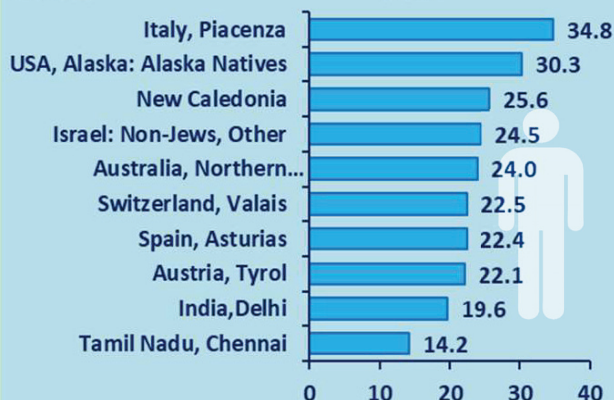
Age group	Boys		Girls	
	Nos.	Rate	Nos.	Rate
0-4	288	10.5	199	7.6
5-9	220	7.8	137	5.1
10-14	217	6.7	175	5.8
15-19	298	9.1	230	7.7

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx

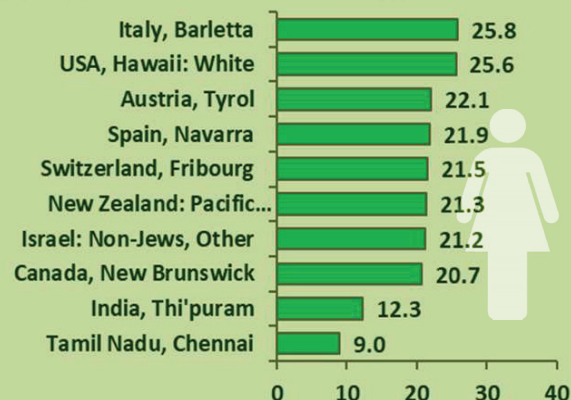
MALE

ASR



FEMALE

ASR



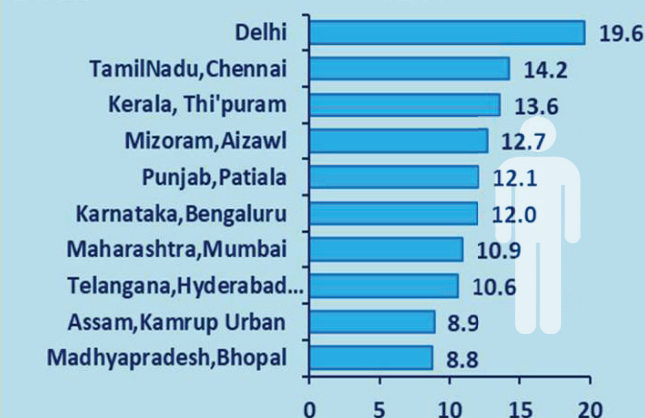
Top Ranking States/Registries: Comparison of National and TNCRP 2016 data

Source: National Cancer Registry Program, 2012-2016

(period varies for individual registries)

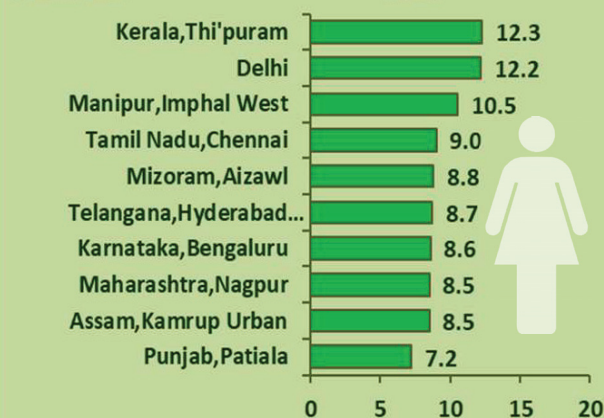
MALE

ASR



FEMALE

ASR



Boys, Childhood and Teen-age Cancers (CTC), 2016

Number, % to total cancers, Age-specific, Crude and Age Standardized Rates and Cumulative Risk %

District	No.	%	Age-specific rate				0-19 years		
			0-4	5-9	10-14	15-19	Crude rate	Age-standardized rate	Cum. Risk %
Ariyalur	12	5.0	3.5	6.1	16.7	9.0	9.2	8.3	0.176
Chennai	94	3.0	16.6	15.1	9.0	15.2	14.0	14.2	0.280
Coimbatore	42	2.7	16.8	7.0	6.6	4.4	8.4	9.3	0.174
Cuddalore	49	4.7	18.9	5.4	9.9	8.9	10.6	11.3	0.215
Dharmapuri	17	3.5	11.2	3.1	5.1	4.9	5.9	6.4	0.122
Dindigul	29	3.5	10.1	8.5	8.1	6.5	8.2	8.5	0.166
Erode	19	1.8	4.4	6.7	6.5	5.3	5.8	5.7	0.115
Kanchipuram	82	3.7	14.4	8.0	8.6	13.6	11.3	11.3	0.223
Kanyakumari	24	2.5	10.6	2.9	9.1	11.6	8.5	8.6	0.171
Karur	14	3.3	10.7	10.0	4.1	8.9	8.2	8.6	0.168
Krishnagiri	16	4.2	6.2	2.4	3.2	6.0	4.5	4.5	0.089
Madurai	50	3.8	10.1	12.0	7.7	9.0	9.6	9.8	0.194
Nagapattinam	19	3.1	8.8	6.7	2.7	10.6	7.2	7.3	0.144
Namakkal	13	2.5	13.0	4.9	2.5	1.0	4.4	5.9	0.107
Nilgiris	6	3.7	5.0	12.6	3.3	3.6	5.8	6.2	0.122
Perambalur	13	7.9	22.8	16.2	10.5	3.4	12.4	14.0	0.264
Pudukottai	24	5.2	7.8	5.7	9.0	11.1	8.4	8.3	0.168
Ramanathapuram	21	5.8	14.4	1.9	9.3	10.6	9.0	9.3	0.181
Salem	36	3.2	6.6	4.4	4.6	8.2	6.0	6.0	0.119
Sivagangai	18	4.8	4.0	3.6	13.1	9.9	7.9	7.3	0.153
Thanjavur	35	2.8	11.1	9.8	3.7	12.1	9.0	9.3	0.184
Theni	11	2.6	0.0	4.3	10.0	5.0	5.3	4.4	0.096
Thoothukudi	29	4.6	9.1	5.6	6.3	18.6	9.9	9.7	0.198
Tiruchirapalli	38	3.5	9.0	8.4	4.9	11.8	8.5	8.6	0.171
Tirunelveli	36	3.6	7.7	4.8	5.7	9.6	6.9	6.9	0.139
Tiruppur	25	3.0	8.1	8.2	4.0	7.0	6.7	6.9	0.136
Tiruvallur	72	3.6	12.9	13.2	6.4	10.3	10.7	10.9	0.214
Tiruvannamalai	35	4.7	4.8	9.0	6.7	12.0	8.2	7.9	0.163
Tiruvarur	16	3.0	19.6	2.3	5.4	7.1	8.2	9.3	0.172
Vellore	40	3.0	7.5	5.7	3.4	6.6	5.8	5.9	0.116
Viluppuram	65	5.6	9.6	10.9	10.6	9.5	10.1	10.1	0.203
Virudhunagar	23	4.1	5.9	11.7	5.6	5.7	7.2	7.2	0.144

Girls, Childhood and Teen-age Cancers (CTC), 2016

Number, % to total cancers, Age-specific, Crude and Age Standardized Rates and Cumulative Risk %

District	No.	%	Age-specific Rate				0-19 years		
			0-4	5-9	10-14	15-19	Crude Rate	Age-standardized Rate	Cum. Risk %
Ariyalur	6	1.7	4.1	3.3	0.0	12.9	5.0	5.0	0.102
Chennai	56	1.5	12.8	7.3	4.4	10.4	8.8	9.0	0.175
Coimbatore	28	1.5	6.2	5.3	3.0	8.4	5.7	5.7	0.114
Cuddalore	28	1.9	7.8	3.0	7.8	7.7	6.6	6.6	0.131
Dharmapuri	11	1.6	3.5	3.5	6.1	4.7	4.5	4.4	0.089
Dindigul	22	2.2	5.4	9.2	5.4	6.9	6.7	6.7	0.134
Erode	16	1.4	4.4	4.1	4.6	7.2	5.1	5.0	0.102
Kanchipuram	66	2.5	12.2	7.8	8.5	9.8	9.6	9.7	0.191
Kanyakumari	25	2.4	14.2	5.9	10.8	6.3	9.3	9.6	0.186
Karur	8	1.4	5.6	5.4	4.5	5.0	5.1	5.2	0.102
Krishnagiri	15	2.5	1.3	4.0	5.8	7.0	4.7	4.3	0.091
Madurai	31	2.1	8.0	2.6	6.9	8.1	6.4	6.4	0.128
Nagapattinam	10	1.5	3.7	8.6	1.4	2.8	3.9	4.2	0.082
Namakkal	16	1.8	8.0	1.8	7.3	7.1	6.1	6.1	0.120
Nilgiris	4	1.9	0.0	0.0	6.5	7.8	4.0	3.2	0.072
Perambalur	10	3.1	15.6	17.4	7.8	3.9	10.7	11.7	0.223
Pudukottai	22	3.6	6.6	4.4	8.3	13.7	8.2	8.0	0.165
Ramanathapuram	17	3.5	10.7	2.0	8.5	10.2	7.9	7.9	0.157
Salem	28	1.7	8.6	4.6	3.4	4.9	5.2	5.6	0.107
Sivagangai	16	3.1	6.2	9.6	3.5	11.4	7.6	7.6	0.153
Thanjavur	16	1.1	5.2	2.3	2.9	6.9	4.3	4.3	0.086
Theni	20	3.6	12.5	6.9	7.5	15.6	10.6	10.7	0.212
Thoothukudi	19	2.5	7.8	1.4	9.4	8.8	6.9	6.8	0.137
Tiruchirapalli	16	1.1	6.4	4.0	2.6	2.7	3.8	4.1	0.078
Tirunelveli	26	2.0	7.1	3.3	6.8	4.0	5.3	5.4	0.106
Tiruppur	14	1.5	3.5	2.4	3.1	6.1	3.8	3.7	0.075
Tiruvallur	62	2.6	10.6	8.6	8.7	11.0	9.7	9.8	0.194
Tiruvannamalai	22	2.0	7.3	2.1	5.1	7.5	5.6	5.5	0.110
Tiruvarur	11	1.7	7.7	7.1	5.6	3.7	5.8	6.2	0.121
Vellore	50	2.7	8.0	8.2	6.0	8.7	7.7	7.7	0.154
Viluppuram	33	2.2	4.8	4.7	5.9	6.4	5.5	5.4	0.109
Virudhunagar	17	2.4	4.6	2.7	7.1	7.5	5.6	5.3	0.109

Boys, Childhood and Teen-age Cancers (CTC), 2016

Crude Incidence Rate per 100,000 Population by Residence District and Cancer Site

District	Lymphoid leuk.	Myeloid/ other leuk.	Uns. Leuk.	Hodgkin	NHL	Brain & CNS	Bone	Soft tiss.	Eye	Kidney	Nasopharynx
Ariyalur	3.8	0.8		0.8	0.8	0.8	1.5				
Chennai	4.3	1.3		0.6	1.8	1.2	0.7	0.9	0.7	0.4	0.3
Coimbatore	3.8	0.4		0.2	0.4	1.2	0.6	0.2	0.4	0.4	
Cuddalore	3.2	0.2	0.2	0.6	0.6	2.2	1.1	0.6		0.2	0.2
Dharmapuri	1.0	0.7	0.7	0.3			0.3	0.7		0.3	
Dindigul	3.1	0.6	0.3	0.3		0.9	1.1			0.3	
Erode	1.8		0.6	0.3	0.9	0.9	0.3	0.6			
Kanchipuram	2.9	1.1	0.1	0.8	1.0	1.7	1.5	0.3	0.1	0.1	0.1
Kanyakumari	2.5		0.4	0.7	2.1	0.7	0.4	0.7		0.4	
Karur	1.8	1.2			0.6	1.2	1.8				
Krishnagiri	1.4			0.6	0.3		0.6	0.3			
Madurai	3.1	0.8		0.4	1.0	1.0	1.0	0.6		0.2	0.4
Nagapattinam	1.5	1.5	0.4	0.4	0.8	0.4	0.8			0.4	
Nilgiris	2.0				2.0	2.0					
Namakkal	0.7	0.3		0.3	1.4	0.3			0.3		
Perambalur	3.8			1.9	1.0	1.0	2.9	1.0			
Pudukottai	2.5	0.7		0.4	0.7	1.4	0.7				0.7
Ramanathapuram	3.9	0.9		0.4	0.9	0.4	0.4				0.4
Salem	2.2	0.8	0.5	0.3	0.3	0.7	0.8				
Sivagangai	2.6	0.4			0.9	1.3	0.4	0.4			0.4
Thanjavur	3.4	1.0	0.3		1.0	0.5	0.5	0.8			
Theni	1.0	1.0		1.0		0.5	1.0				
Thoothukudi	4.1	1.7		0.3	0.7	0.3	0.7				
Tirunelveli	1.9	0.8		0.6	1.0	0.2	0.4	0.2		0.2	0.4
Tiruchirapalli	2.5	0.4		1.1	0.2	1.1	0.7	0.9		0.4	
Tiruppur	1.9	0.8		0.5	0.5	1.3	0.5	0.3			0.3
Tiruvavarur	1.5	0.5		1.0	1.0	1.0	1.0	1.0			
Tiruvallur	2.8	0.7	0.4	1.0	1.0	1.2	0.3	0.6	0.3	0.4	0.4
Tiruvannamalai	3.1	0.7		0.2	0.9	0.5	0.5	0.7		0.5	
Vellore	1.5	0.6	0.1	0.4	0.3	0.9	0.7	0.3	0.3		
Virudhunagar	2.8	0.3	0.3	0.9	0.6	0.6					0.3
Viluppuram	2.3	1.2	0.5	0.9	0.8	1.2	0.8	0.3	0.2	0.3	0.5
All districts	2.6	0.7	0.2	0.6	0.8	0.9	0.7	0.4	0.1	0.2	0.2

Girls, Childhood and Teen-age Cancers (CTC), 2016

Crude Incidence Rate per 100,000 Population by Residence District and Cancer Site

District	Lymphoid leuk.	Myeloid/ other leuk.	Uns. Leuk.	Hodgkin	NHL	Brain & CNS	Bone	Soft tiss.	Eye	Kidney	Nasopharynx
Ariyalur	0.8			0.8		0.8					
Chennai	1.4	0.5	0.2	0.3	0.6	1.1	0.9	0.9	0.2	0.2	0.2
Coimbatore	2.4	0.6			0.2	0.8	0.2				0.2
Cuddalore	1.4	0.5			0.2	1.2	1.4	0.2			0.2
Dharmapuri	0.4				0.4	0.8	0.8		0.4	0.4	
Dindigul	1.5	0.3			0.6	0.9	0.3	0.3	0.3	0.3	
Erode	1.6	1.0	0.3		0.3			0.3		0.3	
Kanchipuram	1.8	0.7	0.1	0.1	0.9	0.6	0.7	1.2	0.3		
Kanyakumari	2.2	0.4		0.4	0.4	1.5	0.4	0.7			
Karur	1.3					1.3	1.3				
Krishnagiri	0.6	1.2			0.3		0.3		0.3		
Madurai	1.5	0.2		0.4	0.8	0.2	0.6	0.2		0.2	
Nagapattinam	1.2	0.4			0.4	0.4			0.4		
Nilgiris	1.0	1.0			1.0		1.0				
Namakkal	0.4	0.4	0.4		0.4	1.9			0.4		
Perambalur	4.3				1.1			1.1	1.1		
Pudukottai	1.9	1.5		0.7		1.5	0.4	0.4			
Ramanathapuram	0.5	1.4	0.5			1.4	1.4	0.5			
Salem	1.7	0.9		0.2	0.4		0.2	0.2	0.2		
Sivagangai	2.4	0.5		0.5		2.4	0.5				
Thanjavur	0.8	0.5				0.8		0.3		0.5	
Theni	2.7					1.6		1.1		0.5	
Thoothukudi	0.7	0.7		0.4	0.7	0.4	0.4			0.4	
Tirunelveli	1.2		0.2		0.6	0.8	0.6			0.2	
Tiruchirappalli	1.2	0.5	0.2			0.2	0.5	0.5			
Tiruppur	1.1	0.8		0.3	0.3	0.5					
Tiruvavarur	1.6					0.5	1.1			0.5	0.5
Tiruvallur	2.5	0.8	0.2	0.5	0.2	0.9	0.8	0.2	0.6	0.2	0.6
Tiruvannamalai	2.0		0.3	0.8		0.8				0.3	0.5
Vellore	1.9	1.2			0.2	1.2	0.3	0.3	0.2	0.6	0.2
Virudhunagar	2.3	0.3	0.3	0.7	0.7	0.3					
Viluppuram	0.3	0.5	0.2	0.5	1.0	0.3	0.8	0.3	0.2	0.2	
All districts	1.5	0.6	0.1	0.2	0.4	0.8	0.5	0.3	0.1	0.2	0.1

CHAPTER 6

TOBACCO RELATED CANCERS (TRC): INCIDENCE STATISTICS

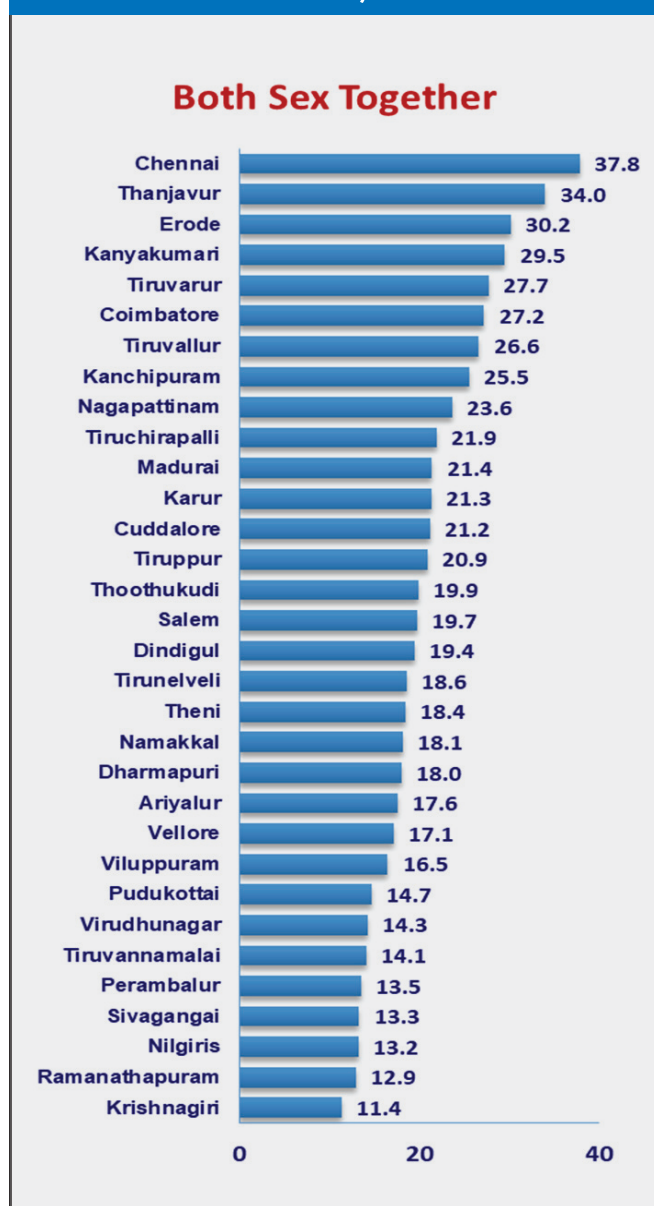
Site: Tobacco Related Cancers

Year: 2016

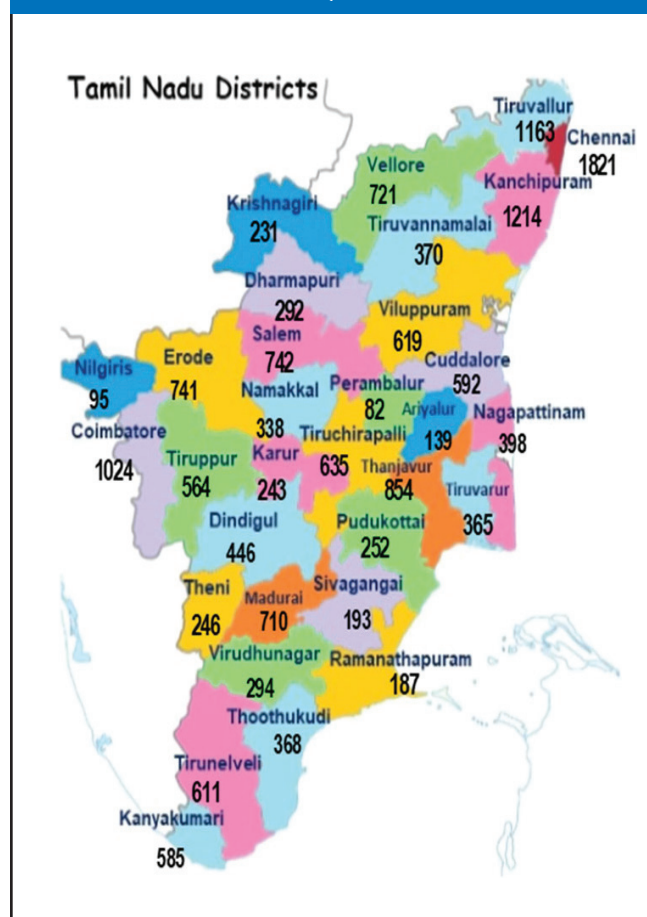
Incidence Statistics, Tamil Nadu

	Male	Female	Total
New Cases	12067	5068	17135
%	70.4	29.6	100.0
C.I.R	30.9	13.0	22.0
C.R%	3.594	1.387	2.469
A.S.R	29.5	11.8	20.3

Crude Incidence Rate by Residence District



No. of New cases by Residence District



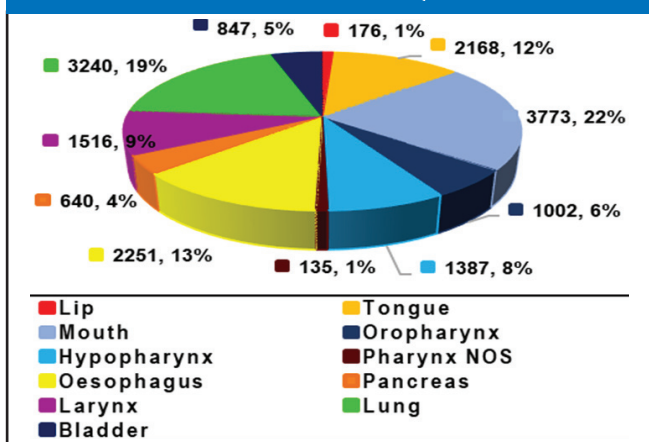
A total of 17,135 new cases of cancers that are attributable to tobacco use in some form were registered from whole of the state of Tamil Nadu with more men (12,067) than women (5,068). Tobacco related cancer (TRC) cases together account for 26.1% of all cancers; TRCs comprise mouth (22%), lung (19%), oesophagus (13%), tongue (12%), larynx (9%), hypopharynx (8%) and others (17%). The most number of cases occurred among the residents of Chennai city (1,821) followed by Kanchipuram (1,214) and Tiruvallur districts (1,163). The crude incidence rate (CIR) of TRCs per 100,000 population was 30.9 in men and 13.0 among women in Tamil Nadu. The top 5 districts in Tamil Nadu among both sexes together were Chennai (CIR:37.8), Thanjavur (34.0), Erode (30.2), Kanyakumari (29.5) and Tiruvarur (27.7). Cases registered based on a death certificate only was 1%. A majority of the cases were in the age group of 35-64 years (62.7%) while the peak incidence rate occurred in geriatric age group of 65-69 years in both sexes. The cumulative risk (CR%) of getting TRC in 0-74 years of lifetime was one in 41.

CIR, ASR and Rates are per 1,00,000 population

Site: Tobacco Related Cancers

Year: 2016

Number of cases by Site

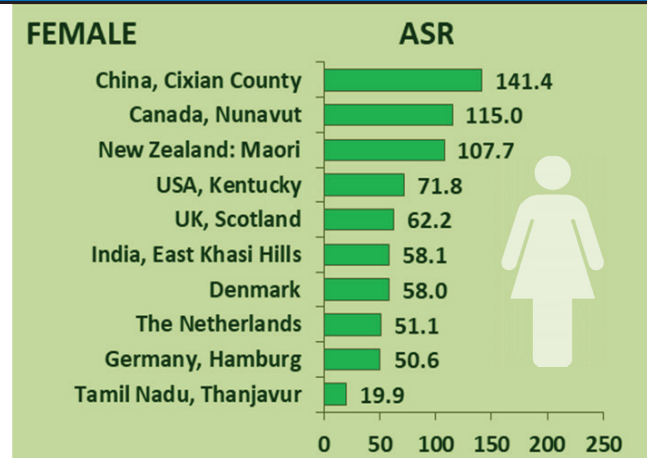
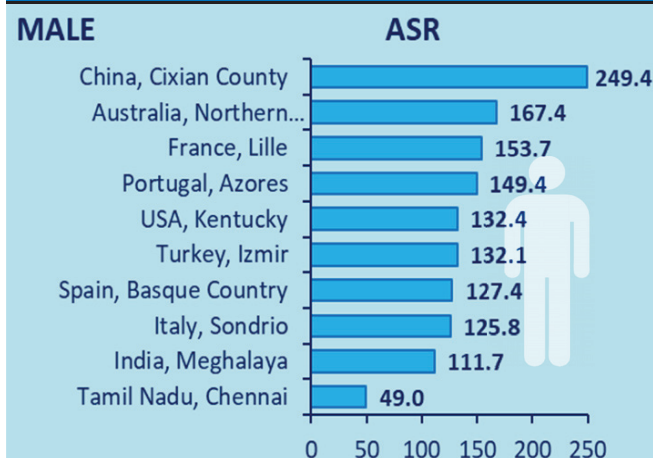


Incidence Statistics by Age Group and Sex

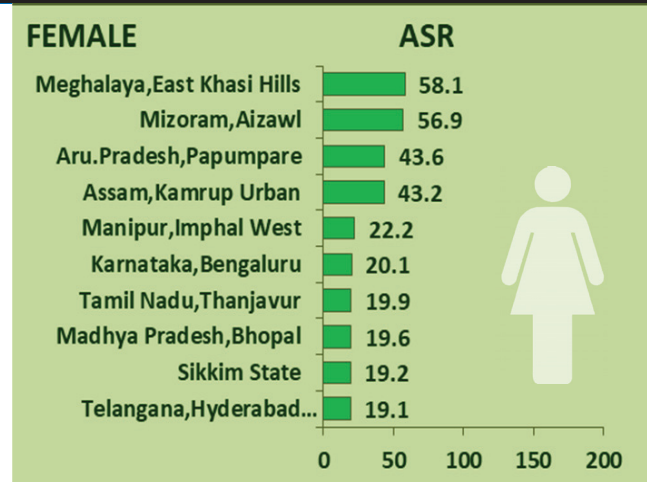
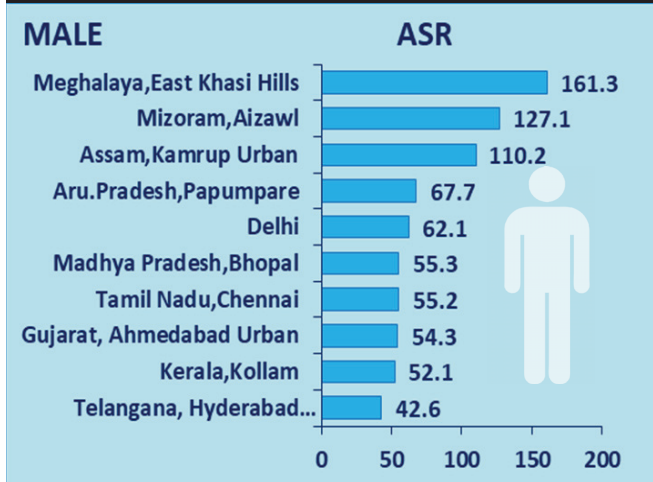
Age group	Male		Female	
	Nos.	Rate	Nos.	Rate
0-14	7	0.1	4	0.0
15-34	286	2.1	192	1.4
35-64	7423	52.5	3326	23.0
65 +	4351	166.3	1546	54.0

CIR, ASR and Rates are per 1,00,000 population

Top Ranking Countries/Registries: International (2008-12) vs. TNCRP 2016 data
 Source: IARC Scientific Publications No. 162, Cancer Incidence in Five Continents, Vol XI
https://ci5.iarc.fr/CI5-XI/Pages/summary_table_site_sel.aspx



Top Ranking States/Registries: Comparison of National and TNCRP 2016 data
 Source: National Cancer Registry Program, 2012-2016
 (period varies for individual registries)



Male, Tobacco Related Cancers (TRC), 2016

No of Cases, Percentage to total cancers, Age Specific Rate (ASPR),
Crude Incidence Rate (CIR), Age Standardised Rate (ASR) and
Cumulative risk (0-74 years; CR%) by District

District	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	C.I.R	A.S.R	CR%
Ariyalur	90	37.7	0.0	0.0	0.0	0.0	0.0	3.4	0.0	3.7	10.8	39.5	39.8	98.9	73.5	133.9	100.2	87.9	23.0	20.2	2.487
Chennai	1324	42.8	0.0	0.6	0.0	0.6	1.5	1.3	16.9	28.7	41.5	58.4	104.6	152.6	220.8	317.1	303.2	350.0	55.2	51.8	6.049
Coimbatore	739	46.7	0.0	0.0	0.0	0.0	2.1	1.2	3.1	9.2	20.5	29.5	74.8	109.1	158.6	243.8	217.4	178.7	39.6	33.7	4.253
Cuddalore	383	36.8	0.0	0.0	0.0	0.0	0.0	0.8	7.1	10.3	24.5	31.7	66.2	105.3	99.5	205.5	108.9	170.9	27.2	27.7	3.245
Dharmapuri	215	43.8	0.0	0.0	0.0	0.0	0.0	0.0	1.5	14.5	10.3	30.5	66.2	78.3	129.4	188.7	190.5	180.6	25.9	28.1	3.488
Dindigul	326	39.8	1.3	1.2	0.0	0.0	1.1	2.0	3.3	7.9	20.7	34.7	86.1	78.4	103.4	179.6	113.2	107.2	28.4	25.9	3.115
Erode	528	48.9	0.0	0.0	0.0	0.0	1.1	1.0	3.1	11.0	25.0	40.1	86.7	109.4	145.9	214.8	205.5	175.9	43.2	33.5	4.129
Kanchipuram	872	39.3	0.0	0.0	0.0	0.0	0.9	1.6	9.3	17.2	31.9	49.2	87.5	112.9	158.3	226.5	232.6	249.8	36.5	38.3	4.534
Kanyakumari	426	44.4	0.0	0.0	0.0	0.0	0.0	1.2	4.7	6.4	17.6	36.7	89.5	141.1	168.8	229.9	181.4	218.3	43.4	35.8	4.292
Karur	179	41.7	0.0	0.0	0.0	0.0	0.0	2.1	6.6	2.4	25.8	50.0	65.7	74.4	114.7	176.8	144.3	133.0	31.7	27.0	3.260
Krishnagiri	154	40.1	0.0	0.0	0.0	2.0	2.1	1.0	3.6	5.1	10.1	39.4	51.0	61.8	57.1	78.3	51.1	67.0	14.9	15.9	1.796
Madurai	517	39.2	0.0	0.0	0.7	0.0	1.5	2.7	5.1	14.8	19.0	46.5	64.3	87.6	125.6	216.4	158.5	170.9	31.1	30.3	3.645
Nagapattinam	280	46.3	0.0	0.0	0.0	0.0	1.4	4.1	4.7	8.4	27.0	53.7	73.2	137.9	129.9	137.5	200.4	112.1	33.7	30.8	3.816
Namakkal	250	48.6	0.0	0.0	0.0	0.0	0.0	0.0	5.7	10.6	22.0	30.0	40.4	98.4	99.5	127.3	139.2	97.4	26.8	22.6	2.824
Nilgiris	62	38.3	0.0	0.0	0.0	0.0	0.0	3.6	0.0	7.4	3.5	18.1	46.1	51.2	69.1	73.1	159.9	73.3	17.7	16.0	2.136
Perambalur	48	29.1	0.0	0.0	0.0	0.0	4.1	8.2	0.0	9.3	19.8	20.4	27.4	57.7	59.0	84.3	56.7	45.6	15.8	14.6	1.719
Pudukottai	164	35.4	0.0	0.0	0.0	0.0	0.0	1.4	5.8	3.0	18.6	26.8	54.8	82.7	87.4	89.0	71.0	75.6	19.3	18.5	2.177
Ramanathapuram	128	35.4	0.0	0.0	0.0	0.0	0.0	0.0	3.1	6.7	22.8	22.8	50.7	70.7	80.1	73.6	64.9	86.9	17.2	17.1	1.956
Salem	533	47.3	0.0	0.0	0.0	0.0	0.0	0.6	3.3	13.7	15.2	28.1	70.3	94.0	129.6	166.3	121.6	123.5	27.9	26.0	3.162
Sivagangai	138	36.5	0.0	0.0	0.0	1.7	1.7	0.0	4.9	10.2	14.7	41.6	57.2	45.7	64.5	96.6	47.4	81.2	18.9	17.3	1.911
Thanjavur	557	45.0	0.0	0.0	0.0	0.0	0.0	2.0	9.7	14.4	32.9	75.3	102.8	129.4	175.4	229.5	219.3	166.4	45.3	40.0	4.833
Theni	182	42.7	0.0	0.0	0.0	0.0	0.0	1.7	3.9	9.6	19.8	36.8	67.4	68.0	122.9	171.5	127.8	144.3	27.2	25.9	3.097
Thoothukudi	275	43.2	0.0	0.0	1.3	0.0	1.3	0.0	7.9	7.2	17.6	38.9	87.4	99.2	111.0	193.8	133.4	117.0	29.8	28.1	3.435
Tiruchirapalli	430	39.7	0.0	0.0	0.8	0.8	0.8	0.8	8.0	14.4	25.7	35.7	74.6	110.7	93.6	134.2	160.2	105.2	30.0	26.5	3.248
Tirunelveli	439	43.3	0.0	0.0	0.0	0.0	0.7	2.7	3.7	9.0	13.5	35.5	60.7	68.6	136.5	152.1	168.6	109.0	26.9	25.3	3.206
Tiruppur	401	47.8	0.0	0.0	0.0	0.0	0.0	1.6	2.5	6.2	17.7	37.9	50.5	97.4	143.7	173.1	123.4	134.4	29.8	26.5	3.218
Tiruvallur	815	41.0	0.0	0.0	0.0	0.0	3.1	0.9	12.4	19.2	37.6	53.0	78.1	126.1	192.4	235.6	225.0	165.6	37.1	39.2	4.798
Tiruvannamalai	257	34.4	0.0	0.0	0.0	0.0	0.0	1.5	1.8	14.9	11.6	19.7	36.3	68.7	100.7	135.3	79.9	112.1	19.5	19.5	2.325
Tiruvarur	222	42.0	0.0	0.0	0.0	0.0	0.0	5.3	3.9	6.1	20.6	48.0	85.3	71.4	160.5	186.7	111.6	198.1	34.0	30.5	3.437
Vellore	507	38.3	0.0	0.0	0.0	0.0	1.0	2.1	4.7	5.1	14.8	33.3	55.5	78.5	116.2	192.4	158.4	122.3	24.3	25.7	3.256
Viluppuram	413	35.9	0.0	0.0	0.6	0.6	0.6	2.2	5.1	12.7	14.4	38.6	40.7	87.9	92.5	140.3	115.3	125.8	21.9	22.9	2.719
Virudhunagar	213	38.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	10.2	23.2	24.4	53.8	96.7	96.0	103.4	76.6	54.2	20.8	19.7	2.404

Female, Tobacco Related Cancers (TRC), 2016

No of Cases, Percentage to total cancers, Age Specific Rate (ASPR),
Crude Incidence Rate (CIR), Age Standardised Rate (ASR) and
Cumulative risk (0-74 years; CR%) by District

District	TOTAL	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	C.I.R	A.S.R	CR%
Ariyalur	49	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	9.9	32.6	38.2	37.8	63.3	44.6	10.7	0.0	12.3	10.6	1.222
Chennai	497	13.5	0.0	0.0	0.0	0.0	0.0	2.0	5.3	9.3	17.4	33.5	27.9	48.7	74.7	118.3	117.5	121.3	20.6	18.7	2.247
Coimbatore	285	15.7	0.0	0.0	0.0	0.0	0.6	1.8	4.4	4.8	9.0	20.9	33.0	49.3	56.1	52.9	69.6	50.4	15.0	12.4	1.500
Cuddalore	209	14.0	0.0	0.0	0.0	0.0	1.6	1.5	5.4	5.8	13.3	27.2	25.5	53.5	57.6	78.4	82.0	88.5	15.1	14.8	1.743
Dharmapuri	77	11.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	4.3	1.7	24.0	30.5	35.2	55.2	34.0	26.8	37.5	9.7	9.5	1.066
Dindigul	120	12.1	0.0	0.0	0.0	0.0	1.0	0.0	3.2	5.9	6.7	17.4	24.2	49.2	20.9	50.1	47.3	28.9	10.4	9.1	1.123
Erode	213	18.1	0.0	0.0	0.0	0.0	1.1	1.0	6.1	6.7	13.1	16.4	31.0	46.6	65.4	54.7	79.1	59.0	17.3	13.1	1.593
Kanchipuram	342	12.8	0.0	0.0	0.6	0.0	0.8	0.8	3.7	5.4	14.5	21.2	32.7	59.2	62.4	79.4	65.0	76.6	14.4	14.6	1.713
Kanyakumari	159	15.0	0.0	0.0	0.0	0.0	1.3	3.4	8.1	2.4	7.9	8.8	34.3	38.5	54.4	75.0	64.0	79.2	15.9	12.6	1.479
Karur	64	11.4	0.0	0.0	0.0	2.5	4.5	0.0	2.2	4.1	11.4	16.9	24.2	44.6	10.4	33.8	32.3	67.7	11.1	9.1	0.929
Krishnagiri	77	12.9	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.2	5.7	31.3	17.3	40.1	33.4	26.6	46.6	15.1	7.8	8.2	1.010
Madurai	193	12.8	0.0	0.0	0.0	0.8	0.0	2.6	2.1	8.4	14.2	19.4	32.3	26.7	38.5	62.4	38.2	41.6	11.7	10.6	1.219
Nagapattinam	118	17.8	0.0	1.7	0.0	0.0	0.0	0.0	0.0	4.4	7.6	39.5	20.8	63.4	77.4	58.4	27.1	20.0	13.8	12.6	1.490
Namakkal	88	10.0	0.0	0.0	0.0	2.4	0.0	1.3	2.8	7.9	10.1	11.9	9.3	16.4	48.9	38.1	39.7	11.2	9.4	7.5	0.939
Nilgiris	33	15.6	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	15.9	20.5	12.0	9.8	40.6	35.3	39.7	23.7	8.9	7.3	0.881
Perambalur	34	10.4	0.0	0.0	0.0	0.0	0.0	3.7	0.0	8.3	9.3	29.4	18.6	41.1	58.7	32.6	15.2	32.7	11.2	10.0	1.078
Pudukottai	88	14.5	0.0	0.0	0.0	1.5	0.0	2.5	0.0	4.1	7.8	20.0	24.2	38.3	47.6	60.1	27.8	18.0	10.2	9.6	1.163
Ramanathapuram	59	12.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	13.8	17.5	22.2	40.4	19.9	47.8	30.5	8.2	8.3	7.9	0.981
Salem	209	12.9	0.0	0.0	0.0	0.0	0.6	1.9	1.4	3.2	9.3	21.0	31.2	35.6	40.3	45.3	43.0	32.8	11.3	9.8	1.157
Sivagangai	55	10.5	0.0	0.0	0.0	0.0	1.7	4.6	0.0	8.0	3.9	14.8	12.8	13.9	26.9	36.4	44.7	19.8	7.7	6.8	0.835
Thanjavur	297	20.9	0.0	0.0	0.0	0.0	0.0	2.7	3.0	19.7	26.5	31.9	66.4	76.6	76.5	97.0	59.2	61.9	23.2	19.9	2.271
Theni	64	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	5.7	12.8	30.7	21.4	48.3	24.4	76.7	27.2	9.6	8.4	1.103
Thoothukudi	93	12.4	0.0	0.0	0.0	0.0	0.0	1.2	4.0	5.4	16.9	11.4	30.8	27.9	43.7	24.4	29.6	24.3	10.0	8.6	0.972
Tiruchirapalli	205	13.8	0.0	0.0	0.0	0.9	0.0	0.8	6.0	12.8	13.4	24.0	38.7	30.2	42.3	55.8	35.8	56.4	14.0	11.9	1.294
Tirunelveli	172	13.5	0.0	0.0	0.0	0.0	0.7	2.7	2.2	4.7	9.0	15.0	29.4	26.3	45.4	42.3	34.7	26.2	10.4	9.0	1.057
Tiruppur	163	17.2	0.0	0.0	0.0	0.0	0.8	1.6	4.4	4.2	10.2	16.3	28.5	53.0	28.5	52.5	56.4	38.6	12.1	10.5	1.273
Tiruvallur	348	14.3	0.0	0.0	0.0	0.6	1.4	3.0	4.0	2.0	9.9	29.1	45.4	57.2	69.3	97.9	101.4	65.9	15.9	16.7	2.084
Tiruvannamalai	113	10.4	0.0	0.0	0.0	0.9	0.8	2.3	2.9	3.8	11.3	9.5	22.8	32.1	34.2	28.8	41.0	26.9	8.6	8.0	0.948
Tiruvarur	143	22.5	0.0	0.0	0.0	1.8	0.0	0.0	1.9	7.1	39.2	34.7	46.8	78.8	84.4	78.6	55.6	68.3	21.5	18.8	2.121
Vellore	214	11.5	0.7	0.0	0.0	0.0	0.0	2.4	1.8	6.3	10.7	18.0	26.5	33.6	41.5	56.7	26.0	41.6	10.1	9.9	1.114
Viluppuram	206	13.6	0.0	0.7	0.0	0.0	1.1	1.1	4.8	4.6	9.7	22.6	24.7	34.9	46.9	54.3	52.4	54.5	11.0	11.0	1.281
Virudhunagar	81	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	6.2	12.7	20.6	44.2	31.0	25.2	18.0	14.3	7.9	7.1	0.826

Male, Tobacco Related Cancers (TRC), 2016

Crude Incidence Rate per 100,000 Population by Residence District and Cancer Site

District	Lip	Tongue	Mouth	Oropharynx	Hypopharynx	Pharynx NOS	Oesophagus	Pancreas	Larynx	Lung	Bladder
Ariyalur	0.5	4.4	7.9	0.3	2.6	0.0	2.6	0.3	1.3	2.8	0.5
Chennai	0.5	9.1	10.9	2.5	3.7	0.5	4.5	2.9	5.0	12.3	3.3
Coimbatore	0.3	4.2	4.6	4.7	4.7	0.1	6.2	0.7	5.2	7.7	1.3
Cuddalore	0.3	3.6	6.2	1.7	1.4	0.4	4.1	0.7	2.4	4.9	1.6
Dharmapuri	0.0	3.6	3.5	1.8	1.8	0.0	2.2	0.8	5.3	3.7	3.1
Dindigul	0.3	3.1	5.5	1.7	1.9	0.4	2.9	0.7	2.7	7.4	1.8
Erode	0.2	4.4	6.4	3.7	6.5	1.0	7.5	1.0	4.3	6.6	1.7
Kanchipuram	0.3	6.6	6.6	2.3	2.6	0.1	3.6	1.2	3.5	8.2	1.5
Kanyakumari	0.4	5.4	13.1	2.8	1.6	0.1	3.9	2.0	3.9	8.3	2.0
Karur	0.5	4.1	5.3	2.3	3.2	0.4	6.9	0.9	2.5	5.0	0.7
Krishnagiri	0.0	2.1	2.1	1.1	1.1	0.0	2.0	0.5	1.5	3.6	1.0
Madurai	0.1	3.2	6.5	1.2	1.3	0.4	3.6	1.3	4.6	6.7	2.2
Nagapattinam	0.7	4.9	9.5	2.2	2.8	0.5	4.5	0.8	2.6	3.6	1.6
Namakkal	0.1	4.2	6.3	2.5	2.4	0.3	3.0	0.9	2.4	3.4	1.4
Nilgiris	0.3	1.7	1.4	0.9	2.0	0.0	4.6	0.6	1.4	4.0	0.9
Perambalur	0.7	3.0	3.6	0.7	0.7	0.0	2.6	0.7	0.7	2.6	0.7
Pudukottai	0.2	1.3	5.2	1.4	1.5	0.0	2.8	1.2	2.1	2.8	0.7
Ramanathapuram	0.0	1.9	2.8	0.7	0.9	0.1	2.3	0.9	1.8	4.3	1.5
Salem	0.1	3.1	5.2	2.8	2.4	0.1	2.3	0.8	4.3	5.2	1.6
Sivagangai	0.0	2.7	4.4	0.0	1.5	0.1	1.9	1.4	1.9	3.4	1.5
Thanjavur	0.7	5.4	16.7	3.6	2.4	0.4	4.9	0.8	5.1	3.7	1.6
Theni	0.4	3.4	4.0	0.4	1.3	0.2	3.6	1.3	3.6	6.1	2.7
Thoothukudi	0.2	3.0	4.8	2.4	2.7	0.2	3.0	1.4	4.2	5.9	2.0
Tiruchirapalli	0.4	4.9	5.2	2.9	2.7	0.3	4.7	1.2	3.0	3.6	1.0
Tirunelveli	0.2	2.7	4.0	1.7	1.8	0.2	3.4	1.5	2.9	6.4	2.0
Tiruppur	0.2	2.4	3.9	3.5	4.5	0.4	5.0	0.3	3.9	4.5	1.3
Tiruvallur	0.6	6.0	8.5	2.3	2.4	0.1	2.6	1.1	3.6	8.6	1.4
Tiruvannamalai	0.0	3.0	4.0	1.6	0.8	0.0	1.7	0.3	2.4	4.2	1.7
Tiruvarur	0.3	4.3	12.7	2.5	3.7	0.2	2.9	0.8	3.4	2.8	0.6
Vellore	0.1	3.1	3.7	2.3	1.1	0.2	2.1	1.0	3.2	6.0	1.3
Viluppuram	0.3	3.2	4.3	1.6	1.4	0.3	2.4	0.6	2.0	4.3	1.4
Virudhunagar	0.1	2.8	3.0	1.6	1.2	0.1	2.0	1.0	3.1	4.7	1.3
All District	0.3	4.1	6.2	2.2	2.4	0.2	3.5	1.1	3.4	5.9	1.6

Female, Tobacco Related Cancers (TRC), 2016

Crude Incidence Rate per 100,000 Population by Residence District and Cancer Site

District	Lip	Tongue	Mouth	Oropharynx	Hypopharynx	Pharynx NOS	Oesophagus	Pancreas	Larynx	Lung	Bladder
Ariyalur	0.3	1.8	4.3	0.0	0.8	0.0	2.3	0.8	0.5	1.3	0.5
Chennai	0.2	2.2	4.2	0.6	1.4	0.3	3.5	1.3	1.0	5.5	0.5
Coimbatore	0.1	1.1	3.2	0.9	1.4	0.2	4.5	0.2	0.4	2.5	0.5
Cuddalore	0.1	1.2	5.1	0.1	1.2	0.1	2.1	0.8	0.6	3.1	0.7
Dharmapuri	0.0	1.0	2.5	0.4	0.6	0.0	0.6	0.8	0.3	3.3	0.3
Dindigul	0.1	0.7	2.7	0.2	0.6	0.2	2.1	0.4	0.5	2.0	1.0
Erode	0.1	1.7	3.2	1.1	2.4	0.2	4.6	0.9	0.5	1.9	0.9
Kanchipuram	0.3	1.9	2.9	0.3	1.7	0.0	2.2	0.8	0.6	2.9	0.7
Kanyakumari	0.8	2.4	5.5	0.3	0.4	0.0	0.9	1.2	0.1	4.1	0.2
Karur	0.0	1.9	2.1	1.0	1.0	0.0	2.6	0.5	0.2	1.6	0.2
Krishnagiri	0.1	0.3	4.7	0.1	0.3	0.0	0.8	0.2	0.0	0.8	0.4
Madurai	0.1	1.1	3.0	0.2	1.0	0.1	1.4	1.1	0.7	2.5	0.4
Nagapattinam	0.5	1.7	5.7	0.4	0.6	0.1	1.9	0.6	0.7	1.5	0.1
Namakkal	0.2	0.8	1.7	0.1	1.2	0.2	2.6	0.5	0.1	1.0	1.1
Nilgiris	0.0	0.8	1.3	0.0	0.0	0.0	3.5	0.5	0.5	1.3	0.8
Perambalur	0.0	0.3	2.3	0.0	1.6	0.0	3.0	0.3	0.7	1.6	1.3
Pudukottai	0.0	1.2	3.4	0.1	1.2	0.0	1.6	0.5	0.0	2.2	0.1
Ramanathapuram	0.1	1.1	2.1	0.1	0.8	0.1	0.8	0.7	0.4	1.3	0.6
Salem	0.2	1.6	3.0	0.3	1.4	0.1	1.5	0.3	0.5	1.9	0.6
Sivagangai	0.1	0.7	2.1	0.1	0.4	0.0	1.7	0.4	0.6	1.1	0.4
Thanjavur	0.4	2.6	10.7	0.5	1.3	0.2	3.8	0.5	0.6	1.8	0.7
Theni	0.2	2.1	2.2	0.6	0.3	0.2	1.0	0.2	0.3	1.6	0.9
Thoothukudi	0.0	1.1	1.8	0.1	1.4	0.1	1.7	0.5	0.4	2.5	0.3
Tiruchirapalli	0.1	1.8	2.1	0.7	2.3	0.2	3.8	0.2	0.1	2.2	0.5
Tirunelveli	0.1	1.6	2.2	0.2	1.1	0.0	2.2	0.4	0.4	1.9	0.4
Tiruppur	0.1	1.2	2.6	0.4	0.9	0.3	3.4	0.2	0.6	1.7	0.7
Tiruvallur	0.3	1.9	3.9	0.4	1.5	0.1	2.1	0.8	0.7	3.6	0.7
Tiruvannamalai	0.2	0.5	2.0	0.8	0.8	0.1	0.9	0.2	0.3	2.5	0.5
Tiruvarur	0.5	3.3	9.6	0.2	1.8	0.2	2.4	1.2	0.5	1.5	0.5
Vellore	0.0	1.1	2.6	0.2	1.2	0.0	1.6	0.3	0.7	2.1	0.3
Viluppuram	0.2	1.0	4.1	0.0	0.9	0.1	1.2	0.4	0.4	2.3	0.4
Virudhunagar	0.0	0.9	1.5	0.1	1.7	0.0	1.5	0.3	0.5	1.2	0.4
All District	0.2	1.4	3.5	0.4	1.2	0.1	2.2	0.6	0.5	2.4	0.5

Chapter - 7

Trend of incidence rates and estimates for future new cancer burden

The data on cancer incidence rates were available for a limited time period only in TNCRP for performing a formal trend analysis. However, it was interesting to study the trend of incidence rates of common cancers in the first 5 years during 2012-2016. The trend of CIR and ASR per 100,000 men and women separately for all cancers together in the entire state of Tamil Nadu is given in Table 7.1.

Table 7.1 showed a general increasing trend in CIR and ASR of all cancers together for the entire

state of Tamil Nadu from year 2012 to 2016. The average annual rate of increase in CIR was 3.4%; more for men (3.7%) than women (3.1%); the figures for ASR were 2.9% for men, 2.3% for women and 2.6% for both sexes together.

Trend of cancer incidence rate by residence district in TNCRP

The average annual CIR per 100,000 of all cancers together by residence districts in Tamil Nadu during 2012-2016 were given in

Table 7.1: Trend of annual CIR and ASR of all cancers together by gender, Tamil Nadu, 2012-2016

Rate	2012	2013	2014	2015	2016
<u>CIR per 100,000 population</u>					
Men	62.8	65.3	72.0	74.0	74.4
Women	81.3	88.9	91.0	90.3	93.9
Both sexes together	72.0	77.1	81.5	82.1	84.1
<u>ASR per 100,000 population</u>					
Men	61.9	64.0	69.8	71.1	71.0
Women	75.7	81.9	83.3	82.0	84.4
Both sexes together	68.7	72.9	76.5	76.5	77.6

Table 7.2: Trend of annual CIR of all cancers together by residence district, 2012-2016

Residence district	2012	2013	2014	2015	2016
Ariyalur	63.0	66.0	68.7	77.7	75.6
Chennai	123.9	127.5	135.4	136.7	140.8
Coimbatore	85.1	94.0	104.9	97.3	90.3
Cuddalore	80.6	78.1	90.4	81.2	90.7
Dharmapuri	57.2	61.9	67.0	55.8	73.2
Dindigul	64.2	66.6	76.2	78.1	78.9
Erode	81.9	83.9	88.9	86.8	92.0
Kanchipuram	93.2	94.5	102.8	104.1	102.8
Kanyakumari	94.9	80.6	93.6	107.1	101.7
Karur	64.4	72.1	72.2	79.0	87.0
Krishnagiri	43.3	50.3	49.6	54.3	48.5
Madurai	59.2	62.7	81.0	85.3	85.3
Nagapattinam	69.0	76.8	80.8	71.3	75.1
Namakkal	65.0	66.4	63.4	69.8	74.5
Nilgiris	34.0	48.5	57.7	55.9	51.8
Perambalur	72.1	72.5	63.3	68.4	81.0
Pudukottai	48.9	59.7	67.7	65.6	62.5
Ramanathapuram	45.2	52.5	60.5	58.4	58.8
Salem	59.5	62.8	69.1	67.8	73.2
Sivagangai	52.9	55.0	61.6	67.4	62.2
Thanjavur	86.5	99.6	84.9	100.2	105.7
Theni	60.0	66.3	73.2	84.3	73.9
Thoothukudi	71.1	84.8	70.4	65.6	74.7
Tiruchirapalli	74.7	85.4	87.4	88.3	88.5
Tirunelveli	63.4	75.4	61.1	64.7	69.7
Tiruppur	56.9	70.4	74.7	72.9	66.3
Tiruvallur	90.0	98.4	98.2	102.4	100.7
Tiruvannamalai	59.5	61.5	69.3	64.5	69.8
Tiruvarur	85.1	93.4	80.5	87.5	88.2
Vellore	56.4	59.9	68.3	64.3	75.6
Viluppuram	67.3	62.2	69.8	66.1	70.9
Virudhunagar	42.5	52.4	60.8	66.0	62.2

Table 7.2. The trend was generally increasing in all the districts with the CIR observed in year 2012 being lesser than that in year 2016. The average annual increase in the CIR in 2016 as compared to year 2012 was the highest in Nilgiris (10.5%) followed by Virudhunagar (9.3%) and Madurai (8.8%) districts; the increase was the least in three districts viz. Viluppuram (1.1%), Thoothukudi (1.0%) and Tiruvarur (0.7%) (Table 7.2).

Trend of incidence rate by cancer site in TNCRP

The trend of average annual CIR per 100,000 in all districts and both sexes together by cancer site and each year of diagnosis during 2012-2016 are given in Table 7.3.

A majority of the common cancers showed an increasing trend of average annual CIR observed in 2016 compared to 2012 with the exception of

Table 7.3: Trend of annual CIR by cancer site in each year of diagnosis, Tamil Nadu, 2012-2016

Cancer	2012	2013	2014	2015	2016
Tongue	2.6	2.6	2.7	2.8	2.8
Mouth	4.1	4.4	4.6	4.7	4.8
Hypopharynx	1.9	1.8	1.8	1.9	1.8
Other oral/pharynx	2.4	2.4	2.5	2.4	2.4
Oesophagus	2.7	2.9	2.9	2.9	2.9
Stomach	4.4	4.7	4.9	5.0	4.9
Large bowel	3.3	3.4	3.7	4.1	4.1
Liver, etc.	1.2	1.2	1.2	1.4	1.5
Other GIT	1.9	1.9	2.0	2.5	2.4
Larynx	1.7	1.7	1.9	1.8	1.9
Lung, etc.	3.6	3.8	4.0	4.0	4.2
Female Breast	21.6	23.8	23.9	23.3	24.7
Cervix	20.5	24.0	20.3	18.2	19.4
Ovary	4.8	4.7	4.7	5.0	5.0
Other female genital	3.5	4.0	4.2	4.2	4.6
Prostate	2.1	2.2	2.6	2.8	3.0
Other male genital	1.7	1.8	1.9	2.0	1.8
Urinary bladder	0.9	1.0	1.1	1.1	1.1
Other GUT	0.7	0.7	0.9	0.8	0.8
Brain and CNS	1.3	1.5	1.4	1.5	1.6
Thyroid	1.3	1.6	1.6	1.7	1.9
Lymphomas	2.0	2.2	2.2	2.2	2.4
Leukemias	2.4	2.4	2.6	2.6	2.8
Other miscellaneous	4.1	4.1	4.5	4.8	4.7

Table 7.4: Number of new cases by cancer site: Observed trend (2012-2016) and estimates (2017-2020), for Tamil Nadu

Cancer	No. of new cases registered in TNCRP					No. of estimated new cases			
	2012	2013	2014	2015	2016	2017	2018	2019	2020
Tongue	1877	1934	2057	2180	2168	2292	2374	2457	2540
Mouth	3048	3284	3465	3574	3773	3951	4125	4299	4473
Hypopharynx	1383	1358	1335	1444	1387	1410	1433	1450	1443
Other oral/pharynx	1737	1757	1922	1879	1888	1964	2006	2049	2091
Oesophagus	1975	2154	2169	2219	2251	2339	2400	2462	2524
Stomach	3201	3486	3735	3821	3835	4097	4257	4417	4577
Large bowel	2455	2549	2778	3167	3217	3476	3690	3904	4118
Liver, etc.	849	919	922	1040	1135	1181	1250	1320	1389
Other GIT	1368	1407	1523	1904	1870	2065	2215	2365	2515
Larynx	1243	1294	1450	1360	1516	1556	1617	1679	1740
Lung, etc.	2634	2848	3002	3042	3240	3375	3516	3656	3797
Breast (incl male)	8058	9015	9211	9086	9766	10073	10422	10771	11119
Cervix	7528	8960	7665	6990	7545	7157	6963	6770	6576
Ovary	1767	1748	1779	1939	1940	1996	2049	2103	2157
Other female genital	1282	1477	1586	1596	1785	1883	1995	2108	2220
Prostate	770	830	984	1072	1166	1275	1378	1481	1585
Other male genital	634	678	721	750	707	763	785	807	829
Urinary bladder	645	766	802	867	847	937	987	1038	1088
Other GUT	491	534	648	614	628	689	725	760	795
Brain and CNS	969	1089	1082	1132	1211	1255	1307	1360	1413
Thyroid	993	1166	1211	1276	1509	1574	1688	1802	1916
Lymphomas	1492	1614	1677	1693	1880	1928	2013	2099	2184
Leukemias	1764	1816	2004	2010	2153	2241	2338	2435	2533
Other miscellaneous	2981	3035	3414	3717	3652	3967	4169	4372	4574

cervix (-1.1%) and hypopharynx (-1.1%). The highest increase was observed for cancers of the thyroid (9.2%), prostate (8.6%), urinary bladder (4.4%) and large bowel cancers (4.8%).

Estimated future new cancer burden

The estimated future annual new cancer burden for the period 2017-2020 for every cancer site for the entire state of Tamil Nadu was forecast using the annual number of new cases observed

during 2012-2016 by simple linear regression model.

The estimated new cancer burden of all cancers together were 69,436 in 2017, 72,499 in 2018, 75,577 in 2019 and 78,641 in 2020. Table 7.4 revealed that breast cancer will continue to be the commonest in year 2020. Oral cancers comprising mouth and tongue together will rank second followed by cervix, stomach, large bowel and lung. ■

Chapter - 8

Cancer mortality statistics

Sources of mortality data

All deaths occurring in Tamil Nadu are accounted for by the civil registration system. However, certification of cause(s) of death, has some deficiencies, especially those occurring in the residence. The electronic line-list data of deceased persons dying due to cancer or tumour, who were residents of Tamil Nadu, compiled by the State Bureau of Health Intelligence (SBHI) under the state registrar general is being provided to TNCRP since year 2014. This data is further augmented by the data collection on cancer mortality by the TNCRP staff from the death registers in hospitals and by perusing the death certificates maintained in the vital statistics divisions in the districts since year 2012. Table 8.1 gives the number of notifications of death due to cancer received from different sources during 2014-2016.

Out of a total of 31,735 notifications, the majority of data on cancer deaths were received as

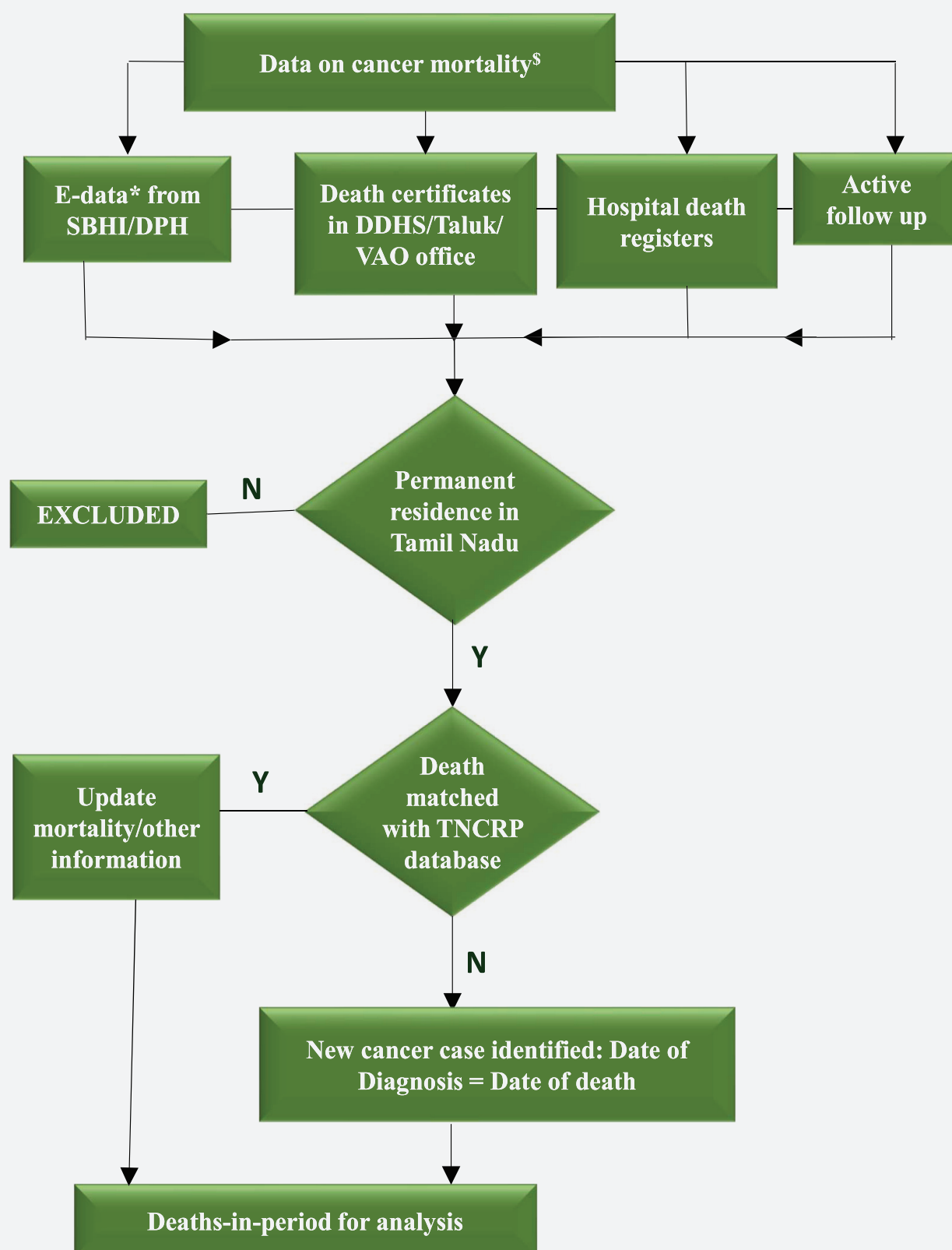
passive notification in electronic line-list form (59.1%) supplemented by TNCRP (40.9%). These data are then pooled together and duplicate death notifications are removed. Thus, an electronic line-list database of unique deceased persons comprising variables like reference number, names of father/mother/spouse/informant of the deceased, permanent residence address, date, place and cause of death is created.

Data processing

Fig. 8.1 gives the flowchart of the cancer mortality data processing in TNCRP. Data on deceased persons who resided outside Tamil Nadu were excluded. The mortality database of processing year was then matched with the TNCRP database of incident cancers of same and previous years. Pairwise listing

Table 8.1: Distribution of cancer death notifications from different sources during 2014-2016

Source of cancer mortality data	Number	%
Electronic line-list of deceased persons received from SBHI	18,765	59.1
TNCRP registry staff abstracting data from hospitals and/or VSDs in districts	12,970	40.9

Fig. 8.1: Flowchart of cancer mortality data processing in TNCRP

[§] Cancer cases diagnosed in any previous year dying in the processing year;

* E-data on cancer deaths occurring in Corporation/Municipality/Town panchayat areas as compiled by SBHI

Table 8.2: Cancer mortality statistics and registration status in TNCRP, year 2016

Number of deaths due to cancer occurring in Tamil Nadu in year 2016[§] (M)	7,266
Number of incident cancer cases occurring in Tamil Nadu in year 2016 (I)	65,590
Mortality to Incidence ratio (M/I)	11.1%
Number of cases first identified through a Death Certificate Notification (DCN) in year 2016	3,757 (5.7%)
Number of cases finally registered in TNCRP on the basis of a Death Certificate Only (DCO)	2,788 (4.3%)

[§] as made available to TNCRP

of possible matches, identical or appearing similar on 3 or more factors like deceased name, age, gender, relative name(s), residence address, cancer type, hospital identity numbers were generated and identified whether they were matched deaths or not based on the level of probabilistic matching of these factors using MatchPro software and visual scrutiny of line-list ordered on deceased name. If matched-death, the line-list mortality data (like date, place and cause of death) were updated in the TNCRP incident cancer database. Deaths that remained unmatched were then deemed as cases identified based on a death certificate only (DCO) and included in TNCRP database as new cancer cases with date of first diagnosis equaling date of death (Fig. 8.1).

Cancer mortality statistics in year 2016

There were 7,266 deaths due to cancer occurring in Tamil Nadu in the year 2016 as per the data made available to TNCRP and the number of new cancer cases registered in TNCRP in 2016 was 65,590. Thus, the mortality-to-incidence ratio was 11/1%. This is very low by any standards. The primary reason could be that electronic data on all deaths due to cancer, especially those that occurred in house/residence, could not be accessed by TNCRP.

Out of 65,590 new cancer cases registered in TNCRP, the number of new cancer cases that were first identified from a death certificate notification (DCN) were 3,757 (5.7%), among whom, 2,788 remained as DCOs with no additional information other than that available in the death certificate. ■

APPENDICES

TAMIL NADU CANCER REGISTRY PROJECT (TNCRP)

(A joint project of the Cancer Institute (WIA), Chennai 600020 &
Dept of Health & Family Welfare, Government of Tamil Nadu)

38, Sardar Patel Road, Chennai 600 036.

Tel: 044-22209150; Fax: 044- 22354508; Email: tncrp@cancerinstitutewia.org

CANCER NOTIFICATION FORM

(To be filled for each cancer case by TNCRP staff or authorized persons in respective institutions)

Notifying institution details

1. Institution name: _____
2. District: _____
3. Department (if any): _____
4. OP/IP/Dept. No.: _____

For office use only

TNCRP No.:

--	--

 /

--	--	--	--	--	--	--	--

Notification form status
1. Completed 2. Pending 3. Duplicate ☐
4. Deleted

Patient identification – needed to identify multiple notifications of same person

1. Name (in block letters): _____ 2. AADHAR No. _____
3. Age: _____ 4. DOB: ____/____/____ 5. Sex: _____ 6. Father name: _____
7. Husband/Wife name: _____ 8. Other name(s): _____
9. Address of usual residence: _____

10. Rural ☐ Urban ☐ 11. CD Block: _____ 12. Taluk: _____
13. District: _____ 14. PIN code: _____ 15. Tel/Mobile No. _____

Cancer information

1. Date of consultation/admission: ____/____/____ 2. Date of 1st diagnosis: ____/____/____
3. Most valid basis of cancer diagnosis: 1. Histology (primary) 2. Histology (metastasis) ☐
3. Cytology 4. Blood film/bone marrow 5. Imaging (X-ray/USG/CT etc.)
6. Clinical only 7. Others (specify) _____ 8. DCO
4. Primary site: _____ ICD-O:

C			.	
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5. Histology: _____ ICD-O:

--	--	--	--	--

Slide No. _____ ICD-10:

C			.	
---	--	--	---	--

6. If Registered from Pathology Lab only: Referral Dr. _____
Hospital Name: _____ Place: _____
7. Tumour behaviour (✓): [] In-situ [] Borderline [] Malignant
8. Treatment received(✓): [] Surgery [] Radiotherapy [] Chemotherapy [] Hormone
[] Others (specify) [] No treatment
9. Date of death (if any) : ____/____/____ 10. Cause of death: Cancer/Not cancer

Remarks

Date: ____/____/____ **Name of person completing the form:** _____

Please complete the form and transmit it through email or post. Thank you

LIST of DATA SOURCES for TNCRP since YEAR 2012

The Study Group places on record, its sincere appreciation and gratitude to all the sources of registration of data on new cancer cases, for the unstinted cooperation and support to TNCRP. The data on new cancer cases were either collected/abstracted by TNCRP staff through active case-finding or received as line-list/notifications (electronic data or hard copies) by passive reporting. The coverage included OPDs, IP, MRD, Onco-pathology, imaging, NCD, VSD departments and extended beyond the state boundaries.

ARIYALUR DISTRICT

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs

OTHER PRIVATE

KVS Hosp.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

CHENNAI DISTRICT (old metropolitan boundary)

RT GOVERNMENT

Rajiv Gandhi Govt. General Hosp.
Govt. Royapettah Hosp.
Govt. Stanley Med. Coll. & Hosp.
Govt. Hosp. for Women & Children
Tamil Nadu Govt Multi Super Speciality Hosp.

RT PRIVATE

Cancer Institute (WIA)
Apollo Hosp.
V S Hospitals Advanced Cancer Care
Dr Rai Memorial Med. Centre
Billroth Hosp.
Paterson Cancer Center
Kauvery HCG Cancer Center

OTHER GOVERNMENT

Inst. of Child Health & Hosp. for Children

Govt. Med. Coll. & ESI Hosp.

Southern Railway Headquarters Hosp.

Tamil Nadu Govt. Dental Coll. & Hosp.

All Govt. Periperal Hosp.

Govt. Kasturba Gandhi Hosp. for Women & Children

Govt. Kilpauk Med. coll. & Hosp.

Govt. RSRM Lying in Hosp.

Arignar Anna Govt Hosp. of Indian Medicine

Regional Institute of Ophthalmology and Govt. Ophthalmic Hosp.

I C F Hosp.

Other ESI Hosp.

Govt. Thiruvetteswarar Hosp. of Thoracic Medicine

Insititute of Thoracic Medicine

Chennai Port Trust Hospital

OTHER PRIVATE

Kumaran Hosp. - (Madras Cancer Care Foundation)

St.Isabels Hosp.

Vijaya Group of Hosp.

SIMS Hosp.

Sundaram Med. Foundation Dr Rangarajan Memorial Hosp.

Chennai Breast Centre

Vijaya Health Center

Chennai Meenakshi Multispeciality Hosp.

C.S.I. Kalyani Multispeciality Hosp.

Santosham Chest Hosp.

Dr Mehta's Hosp.

Sankara Nethralaya

Kanchi Kamakoti Child Trust Hosp.

The Voluntary Health Services

M K Nursing Home

Noble Hospital

Aysha Hosp.

Rigid Hospital Pvt Ltd (LIMA)

Apollo First Med Hosp.

K S Hosp.

KKR ENT Hosp. & Res. Inst.

The Best Hosp.

Fortis Malar Hosp.

Selvarangam Hosp.

Public Health Centre

Bilroth Hosp. (Chennai Kaliyappa)

B R S Hosp.

Xcellent Care Hosp.

M R Hosp.

Prime Indian Hosp.

Seethapathy Clinic & Hosp.

Bharathi Raja Hosp.

CSI Rainy Multi Speciality Hosp.

A K N Nursing Home

J V Hosp.

Sooriya Hosp.

Vee Care Hosp.

M V Diabetic

Vasantham Health Care

Prashanth Super Speciality Hosp.

Sakthi Hosp. & Res. Centre

Chennai Cancer Care

Aditya Hosp

Hande Hosp.

Madras ENT Res. Foundation (P) Ltd

Sridevi Hosp.

Je Nesam Hosp.

Nichani' s Nursing Hosp.

Sundaram Cancer Care

RamaRau Polyclinic - New Hope Med. Centre

R S P General Hosp.

Bewell Hosp.

Ezhil Hosp.

Rakshith Hosp.

AGADA Hosp.

Appasamy Hosp.

Raju Hosp.

Venkataeswara Hosp.

B S S Hosp.

K V T Speciality Hosp.

Sen Hosp.

Shivasunder Hosp.

Med India Hosp.

Medway Hosp.

Trinity Acute Care Centre

Anand Hosp.

Athipathi Nursing Home

Eswar Med. Foundation

P M Hosp.

Right Hosp.

Dr. Agarwal's Eye Hosp.
Durgabai Deshmukh General Hosp.
General Surgical Clinic
H M Hosp.
Nagamani Hosp.
Sree Narayanan Nursing Home
The Guest Hosp.
A V Hosp.
Arokya Hosp.
Aswene Soundra Hosp. & Res. Centre
City Tower Hosp.
Girishwari Hosp.
K H M Hosp.
Mohan Nursing Home
MU VA Hosp. & Speciality Center
Nalamm Hosp.
Padmini Nursing home
Pallava Hosp.
Ranga Nursing Home
Sri Hari's Hosp.
Apollo Hosp.
Bharani Hosp.
Dr Mohamed Meeran Hosp.
Dr.U.Mohan Rau Memorial Hosp.
K.J. Hospital Research & Postgraduate
Centre
Maya Nursing Home
Mercury Nursing Home
Pavithra Hosp.
R M Hosp.
Raj Med. Centre
Rathinam Nursing Home

S R M Hospital
Sivasakthi Nursing Home
Swaram Nursing Home
The Specialists Clinic & Hosp.
V K Hosp.
Vedakumari Hosp.
Zohra Madani Hosp.
Chennai National Hosp.
Murugan Hosp.
MGM Health Care

PATHOLOGY AND IMAGING

Medall Diagnostics
Lister Metropolis
Diagnostic Services
Accurate Biopsy Centre
Hitech Diagnostics
Reno Path

SUPPORTIVE CARE

Lakshmi Sundaravadanan Hosp.
Dean Foundation Charitable Trust
R M D Pain & Palliative Care Trust
Vasantham Health Care
M B Memorial Cancer Centre
Vasantha Mem.Cancer Cent.
Mercy Home

VITAL STATISTICS DEPARTMENT

Corporation Zone offices
DPH-SBHI

COIMBATORE DISTRICT

RT GOVERNMENT

RCC Coimbatore Govt.Med. Coll..Hosp.

RT PRIVATE

G Kuppusamy Naidu Memorial Hosp.

Sri Ramakrishna Inst. of Oncology & Res.

Kovai Med. Center & Hosp.

Ashwin Hosp.

Royal Care Super Speciality Hosp.

OTHER GOVERNMENT

Govt. Med. College & ESI Hosp.

Govt. Dist. Hqrs. Hosp.

All GHs & Block PHCs

OTHER PRIVATE

PSG Inst. of Med. Sciences & Research

VGM Hosp.

Rathna Med.Cent.

Aadhi Med. Foundation

Sri Lakshmi Med. Centre & Hosp.

Sri Bala Med. Centre

Dr.Sengaliyappan Hosp.

Abirami Hosp.

Kongunadu Hosp.

Gem Hosp.

SG Gastro Care

Sheela Hosp.

KG Mul.Spl.Hosp.

Womens Centre

The One Care Med. Centre (Ortho Hosp.)

Ganga Hosp.

KJ Hosp.

Abinand Hosp.

Venugopal Hosp.

Shree Siva Hosp.

Deepam Hosp.

Gateway Clinic & Hosp.

KTVR Group Hosp.

Vedanayagam Hosp.

PATHOLOGY AND IMAGING

Sai Subramanian Lab

Orbito Asia Lab

Micro Lab

Bioline Lab

Histo Lab

AJ Biopsy Lab

Lakshmi Lab

Spire Lab

Special Diagnosis Lab

Dr Rights Lab

Sonoscan

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

CUDDALORE DISTRICT

RT PRIVATE

Krishna Cancer Inst.

OTHER GOVERNMENT

Raja Muthaiah Med. Coll. & Hosp.

Raja Muthaiah Dent. Coll. & Hosp.

Neyveli Lignite Corporation General Hosp.

Govt. Dist. Hqrs. Hosp.

All GHs & Block PHCs

OTHER PRIVATE

Maruthi Gast.Care Hosp.

ARR Hosp.

Krishna Hosp.

Kannan Hosp.

Gnanamani Hosp.

SM Hosp.

Saravana Hosp.

RK Hosp.

Senthil Hosp.

Vallivilas Hosp

Kannan Hosp. Chidambaram

JVR Maternity Hosp.

Dhanalakshmi Health Clinic

Chandra Hosp.

New Lite Hosp.

Roshini Aruna Hosp.

SR Hosp.

Thillai Nursing Home

Deepam ENT Clinic

KN Kidney Laser Clinic

Lister Hosp.

Mahalakshmi Nursing Home

Annai Hosp.

Arcot Hosp.

Srimathi Hosp.

Devam Hosp.,Virudhachalam

Dr Sagayarani,Neyveli

MK Hosp.

Ramakrishna Hosp.

Sree Vinayaga Dental Clinic

Sujatha Hosp.

Arul Hosp.

Balaji Dental Clinic

Child Surgical Centre

Dr Manisundharam Clinic

Dr. G A Lakshmi Clinic

Multi Speciality Dental Clinic

Seharaj Nursing Home

Sri Krupa Hosp.

Subha Anantham Hosp.

Kumaran Hosp.

Vinoth Gastro Liver Clinic

Vaidhya Hosp.

PATHOLOGY- IMAGING CENTRES

City Diagnostic Lab

Aruna Lab

Udaya Scans

Gowri Lab

Professional Lab

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

DHARMAPURI DISTRICT

OTHER GOVERNMENT

Govt. Dharmapuri Med. Coll. Hosp.
Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs

OTHER PRIVATE

Thangam Hosp.
Kalavalli Hosp.
Kamalam Hosp.
Om Sakthi Hosp.
SSK Hosp.
BGR Hosp.
Suba Hosp.
DNV Hosp.
Jayam Hosp.
GK Hosp. Palacode
K S Hosp.
Sri Narayana Hosp.
A P Hosp.
Saroja Hosp.
Siva Hosp.
Sri Ramakrishna Hosp.

Vijaya Hosp.
Sri Ragavendra Hosp.
Neela Cancer Care
Annai Clinic
Pranitha Hosp.
Raja Hosp.
Mahendran Hosp.
Dr M Rajendran Hosp
K M Hosp.
Dr Santhanam ENT Hosp
Dr Ashokan ENT
Selvam Heath Care
Sri Sai Hosp.

PATHOLOGY AND IMAGING

Doctor Path. Centre
HC Lab
DN Biopsy

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

DINDIGUL DISTRICT

RT PRIVATE

Christian Hosp. Ambilikkai.

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs

OTHER PRIVATE

Christian Fellowship Hosp.
Leonard Hosp.
St Joseph Hosp.
Senthil Clinic

Rajarajeswari Nursing Home
Kasthurba Gandhi Hosp.
RK Gut Clinic
CITY Hosp.
IARC-CCP
J C B Hospital
Shree Sathya Subha Hosp.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices
Taluk/TP/VAO offices

ERODE DISTRICT

RT PRIVATE

Erode Cancer Cent.

OTHER GOVERNMENT

Govt. Inst. of Road Transport Med. Coll.
Hosp.

Govt. Dist. Hqrs. Hosp.

All GHs & Block PHCs

OTHER PRIVATE

HCG Centre of Oncology

Kovai Med.Cent.Hosp.

Care 24 Med. Centre

Lotus Hosp.

Valli Hosp.

Sudha Hosp.

Kumaraswamy Hosp.

City Hosp.

VM Hosp.

Erode Med. Cent.

Aravinth Hosp.

CK Hosp.

Erode Trust Hosp.

Dr K M Nallasamy Hosp.

Maruthi Med. Centre

Sakthi Hosp.

SCS Hosp.

Sri Kumaran Hosp.

Vijaya Hosp.

Annai ENT Hosp.

Arunagiri Hosp.

Ashok Krishna Hosp.

Erode Emergency Care Hosp.

J B Hosp.

Jeevan Hosp.

Kalyani Hosp.

Rani Hosp.

Senthil Mult. Spl. Hosp.

TPN Ortho & Spine Hosp.

V K Hosp.

Akila Hosp.

Annaitherasa Hosp.

Aswin Hosp.

Duraisamy Hosp.

GMR Hosp.

K S Hosp.

Kalyani Kidney Care Centre

Meena Pasupathy Hosp.

P P Hosp.

Raja Hosp.

Rathinam Clinic

Shanthi Den. Hosp.

Skin Care Clinic

SKS ENT Clinic

Sri Krishna Hosp.

Thangam Hosp.

Veena Hosp.

Visalam Hosp.

Agarwal Eye hosp.

PK Hosp.

Nalantha Hosp.

PGK Nursing Home

Vadivu Subramanian Nursing Home

KGR Hosp.

Nalam Hosp.

Madhura Clinic

Priya Clinic

Senthil Sengodan Hosp.

Nallasivam Hosp.

Dr.Gopalakrishnan Clinic

Rasi Neuro Clinic
 Sakthi Nursing Home
 Gem Hosp.
 Srikala Dent.Clinic
 Sumangali Hosp.
 Onco Foundation
 KRG Hosp.
 Nithin Clinic
 Shri Preethi Hosp.
 Joseph Hosp.
 Christhu Jyothi Hosp.
 Narayana Hosp.
 M R Hosp.
 MNP Hosp.
 National Hosp.
 Sholai Med.Centre
 Jannet Nursing Home
 PGR Hosp.
 Mercury Hosp

Dental Clinic
 Dr.Sathishkumar Clinic

PATHOLOGY AND IMAGING

Cyto Lab
 Dr. Rajesh Patho Lab
 Deepa Micro Lab
 Johnson MRI Scan Centre
 Sathya Sai Lab
 Q Scan Path Centre
 Sai Adhira Diag.Centre
 Giri Micro Lab

SUPPORTIVE CARE

Imayam Hosp.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

KANCHIPURAM DISTRICT (old)

GOVERNMENT RT

RCC Govt. Arignar Anna Mem. Cancer Hosp.

PRIVATE RT

Dr.Kamakshi Mem. Hosp.
 MIOT Hosp.
 Gleneagles Global Hosp.

OTHER GOVERNMENT

Govt. Chengalpet Med. Coll. Hosp.
 Govt. Inst. of Thoracic Medicine
 National Inst of Siddha
 Govt. Dist. Hqrs. Hosp.

All GHs & Block PHCs

OTHER PRIVATE

Karpaga Vinayaga Inst. Med. Sc.
 Saveetha Med. College and Hosp
 SRM Med. Coll. Hosp. & Res. Centre
 Melmaruvathur Adhiparasakthi Inst. of Med. Sc. & Res.
 Sree Balaji Medical College and Hosp
 Sri Muthukumaran Med. Coll. & Hosp.
 SRM Dental College and Hosp.
 Menakshi Med. Coll. Hosp. & Res. Inst.
 Sree Balaji Dental Coll. & Hosp.
 Hariharan Diab & Heart Care Hosp
 Madha Medical College and Hosp

List of sources contributing data to TNCRP

Chettinadu Health City
 Gajanan Hosp.
 St.Thomas Hosp.
 Chennai Krishna Hospital, Chromepet
 Srinivasan Rajalakshmi Memorial Hosp.
 Deepam Hospital
 Kasthuri Hosp
 Pankajam Hosp.
 Ragas Dental College and Hospital
 Sri Chakra Multi Spl Hosp
 Sri Venkateshwara Hosp
 Annai Arul Hosp.
 B M Hospital
 CSI Hosp.
 Sai Hosp

Sridevi Hosp.
 JSP Hosp.
 Sathyabama Dental Coll.& Hosp.
 Narbhavi. Hosp.
 Saraswathy Mul.Spl.Hosp.
 Dr.Rela Inst & Med.Centre
 Chennai Urology & Robotics Institute
 GEM Hospital

SUPPORTIVE CARE

Mahaveer Ashray
 Shri Isari Velan Mission Hosp.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

KANYAKUMARI DISTRICT

RT PRIVATE

International Cancer Centre Neyyoor
 Sri Mugambigai Hosp.

OTHER GOVERNMENT

Govt. Kanyakumari Med. Coll. Hosp.
 Govt. Dist. Hqtrs. Hosp.
 All GHs and Block PHCs
 ESI Hosp. Nagercoil
 Govt Urban Health Centre

OTHER PRIVATE

Dr. Jayasekaran M T
 Saratha Krishna Homoeo. Med. Coll. Hosp.
 Holy Cross Hosp.
 Catherine Booth Hosp.
 DR Jayaharan Memorial Hosp.
 ML Hosp.
 Annammal Hosp.
 Morismathias Hosp.

Blessing Cancer Cent.
 PPK Hosp.
 George Miss. Hosp.
 Ananthi Hosp.
 Bensam Hosp.
 Subam Hosp.
 Ganesamoni Nursing Home
 Joseph Sahayam Spl Hosp.
 Manju Nursing Home
 Ayurvedic Med. Coll& Hosp.
 Lakshmi Hosp.
 J K Hosp.
 Kumar Hosp.
 A Kumarasamy Health centre.
 Ramachandra Hosp. Nagercoil
 Dr Kumarasamy HC
 Irene Hosp.
 Muthu Neuro Centre
 Vijaya Hosp.
 Vijayakumar Hosp.

Ezhil Hosp.
 Vasantham Hosp.
 Dr Aseer Plastic Surgery Hosp.
 Bewell Hosp.
 St. Mary's Hosp.
 Sri Padmanabha Hosp.
 Nagle Health centre
 Shalom Orthopedic Hosp.
 Sushrushan Hosp.
 KumarOrthopedic Hosp
 Carolin John Hosp.
 S R Kidney Care Hosp.
 Mother Teresa Hosp
 S V Nursing Home

Dr Anoto ENT Hosp & Nursing Home
 Siva Hosp.

PATHOLOGY AND IMAGING

Vivek Lab
 Indian MRI Diag.Res.Lab
 Retna Mem.Lab

SUPPORTIVE CARE

Sriram Cancer Trust
 GH Padmanabapuram

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

KARUR DISTRICT

OTHER GOVERNMENT

Govt. Medical collage Hospital
 Govt. Dist. Hqrs. Hosp.
 All GHs & Block PHCs
 Municipal Dispensary

OTHER PRIVATE

Nirmala Nursing Home
 Kabila Hosp.
 Thangam Cancer Center

Apollo Hosp.
 Amaravathy Hosp.
 Deepak Kannan Hosp.
 Anjana Nursing Home
 GC Hosp.
 Anjana Nursing Home
 Karur Breast Cent.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

KRISHNAGIRI DISTRICT

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
 All GHs & Block PHCs

OTHER PRIVATE

St Louies Hosp.
 Gunam Super Spl. Hosp.
 Sri Arunachalam Hosp.

TCR Mult.Spl.Hosp.
 Jeeva Hosp.
 Private Minor Source
 SBS Hosp.Hosur
 ARK Mult. Spl. Hosp.
 Vijaya Hosp.
 Lakshmi Hosp.
 Sri Chandra Sekarar Hosp.

TAK Hosp.

Kauvery Hosp.

TRN Spl. Hosp.

Selvam Health Care

Janaraksha Multi. Spl.Hosp

Omprakash Clinic

GP.Multi Spl. Hosp.

St.Mary Hosp.

MGM Hosp.

Nathan's Mul.Spl. Hosp.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

MADURAI DISTRICT

RT GOVERNMENT

RCC Govt. Rajaji Hosp.

RT PRIVATE

Meenakshi Mission Hosp. & Res. Centre

Devaki Mult. Spl. Hosp.

Apollo Mult. Spl. Hosp.

Guru Cancer Centre

Vadamalayan Hosp.

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.

All GHs & Block PHCs

OTHER PRIVATE SOURCES

Velammal Med.Coll. Hosp. & Res. Inst.

Quality Care Hosp.

Madurai Inst. of Oncology

Christian Mission Hosp.

PATHOLOGY AND IMAGING

Bose Clinical Laboratory

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

NAGAPATTINAM DISTRICT

OTHER GOVERNMENT

Govt. Dist. Hqtrs. Hosp.

All GHs and Block PHCs

ESI Hosp. Mayiladuthurai

OTHER PRIVATE

Shanthi Nursing Home

Vairam Hosp.

GD Hosp.

Swathi Hosp.

Bharathi Hosp.

Ansari Hosp.

RK Hosp.

Kumar Hosp.

Gugan Hosp.

GV Hosp.

Our Lady of Lourdues Hosp.

Dr Ravi ENT Hosp.

Vishnu Hosp.

Aarthi Hosp.

Arun Raj Hosp.

OGM Health Care

Balakrishnan Hosp.

Seetha Hosp.

PATHOLOGY AND IMAGING

Sakthi Lab
ARR CT Scan Centre
Pioneer Lab
Shanthi Lab
Sri Lakshmi Lab

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

NAMAKKAL DISTRICT

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs

OTHER PRIVATE

Thangam Hosp.
KSR Dent. Coll. Hosp.
JKK Nattraja Dent. Coll. & Hosp.
Komarapalayam
Vivekanandha Med.Care Hosp.
Krishna Hosp.
Surya Hosp.
Aravinth Hosp.
Mariekalar Hosp.

Nills Hosp.

TCS Hosp.

Sri Shanmuga Hosp.

Sriram Clinic

Lung Care Centre

Velavan Hosp.

PATHOLOGY AND IMAGING

Maharishi Diag.Centre
Sri Sellam Clinical Lab

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

NILGIRIS DISTRICT

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs

OTHER PRIVATE

SM Hosp.
Cordite Factory Hosp.
Sait Memorial Hosp.
Nankem Hosp.
Pushpa Hosp.

Parvathy Med.Centre

B S Surgical

PATHOLOGY AND IMAGING

Lakshmiram Lab
Ramakrishna Diag.Centre

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

PERAMBALUR DISTRICT

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs

PATHOLOGY AND IMAGING

Sri Sai Diag.
Samuthra Path. Lab

OTHER PRIVATE

Dhanalakshmi Srinivasan Med. Coll. & Hosp.
MG Hosp.
Arpudha Hosp.
SKS Hosp.
Madhu Hosp.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

PUDUKOTTAI DISTRICT

RT PRIVATE

Sri Durga Surg. Clin. & Padmashri Dr.
Muthulakshmi Reddy Memorial Cancer Res. Cent.

OTHER PRIVATE

Ma Malar Hosp.
Team Hosp.
SS Hosp.
Shree Meenakshi Hosp.
Muthu Meenakshi Hospital

OTHER GOVERNMENT

Govt. Medical College and Hosp.
Govt. Dist. Hqtrs. Hosp.
All GHs and Block PHCs

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

RAMANATHAPURAM DISTRICT

OTHER GOVERNMENT

Govt. Dist. Hqtrs. Hosp.
All GHs and Block PHCs
Municipality Hosp. Keelakkarai

Pioneer Hosp.

Shifan Hosp.
Ravi Clinic
Siva Hosp.
Syed Ammal Trust Hosp.
AASI Hosp.

OTHER PRIVATE

Sathya Hosp.
Kanagamani Hosp.
AR Hosp.
Jawahar Hosp.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

SALEM DISTRICT

RT GOVERNMENT

Govt. Mohan Kumaramangalam Med. Coll.
Hosp.

RT PRIVATE

Salem Cancer Institute
Universal Cancer Hosp.
Dharan Hosp.

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs
ESI Hospital

OTHER PRIVATE

SKS Hosp.
Vinayaka Inst. of Med. Sciences (VIMS)
Suraksha Mul.Spl.Hosp.Hosp.
Dr.Sudhakar ENT Care
Vinayaka Mission's Kirubananda Variar
Med.Coll. & Hosp.
Vinayaka Mission's Sankarachariyar Dent.
Coll. & Hosp.
Manipal Hosp.
S. Palaniandi Mudaliar Mem. Hosp.(SPMM
Hosp)
Rudramoorthy Poly Clinic
Karthick Med. Cent.

Pranav Hosp.
Chellappa Mult. Spl. Hosp.
Priyam Specialty Hosp.
London Ortho Spl. Hosp.
Om Sakthi Hosp.
Saravana ENT Hosp.
Vijaya Hosp.
Nithish GE Spl.Hosp.
Revathy Hosp.
Salem Poly Clinic
Sri Gokulam Hosp.
SS Med. Centre
RKT Clinic
Kiruba Hosp.
Aruljothi Hosp

PATHOLOGY AND IMAGING

Jai Biopsy Centre
Mithra Scans
Scope Lab
SKS Lab
JRD Path.Lab

SUPPORTIVE CARE

Sharon Cancer Center and General Hospital

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

SIVAGANGAI DISTRICT

OTHER GOVERNMENT

Govt. Sivagangai Med. Coll. Hosp.
Govt. Dist. Hqtrs. Hosp.
Women & Children Hosp, Baganeri
All GHs and Block PHCs

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

OTHER PRIVATE

Kaveri Hospital

THANJAVUR DISTRICT

RT GOVERNMENT

Govt. Thanjavur Med. Coll. Hosp.

RT PRIVATE

Thanjavur Cancer Center
Meenakshi Hosp. Dr. APJ Abdul Kalam
Centre for Oncology
Vishnu Cancer Center & RI

OTHER GOVERNMENT

Govt. Raja Mirasudhar Hosp.
ESI Hosp. Kumbakonam
Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs

OTHER PRIVATE

Rohini Hosp.
MR Hosp.
Murali Clinic
Our Lady Hosp.
NM Hosp.
S B Hosp.
Sugam Hosp.
Gram Hosp.
V M Hosp.

Shenbagam Clinic

Sudar Hosp.

Anbu Hosp.

Vinodhagan Memorial Hosp.

Chandra Clinic

MKV Hosp.

AKC Nursing Home

Anu Hosp.

Gokulam Hosp.

K R A Hosp.

KDR Hosp.

Keerthana Hosp.

Radhikarani Clinic

Rajendran Clinic

Rega Dent. Care

Saradha Para Med.

SP Hosp. Kumbakonam

SRM Home

Thanjavur Royal Hosp.

Vijaya Hosp.

Aruna ENT Clinic

KRG Nursing Home

Janaki Nursing Home

Paramasivam Clinic

Abi&Abi Hosp.

Sathish Kumar Clinic

Raj Hosp.

Suriya Med.Centre

Kannan Hosp.

James Samuel Hosp.

Ponnammal Dent.Clinic

Syed Raj Clinic

K S Hosp.

Urovision Clinic

KG Multi Spl.Hosp& Res. Cent.

PATHOLOGY AND IMAGING

Med.All Diag.Lab

Kamatchi lab

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

THENI DISTRICT

OTHER GOVERNMENT

Govt. Theni. Med. Coll. Hosp.

Govt. Dist. Hqrs. Hosp.

All GHs & Block PHCs

Sri Mohan Hosp

Holy Redeemer Hosp

Suham Hosp

Vidhya Hosp

Srinivasa Nursing Home

OTHER PRIVATE

NRT Hosp

Krishnammal Memorial Hosp

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

THOOTHUKUDI DISTRICT

OTHER GOVERNMENT

Govt. Thoothukudi Med. Coll. & Hosp.

Govt. Dist. Hqtrs. Hosp.

All GHs and Block PHCs

Sundaram Arulraj Hosp.

KMT Hosp. Kayalpattinam

Edison Hosp.

St Lukes Hosp.

Kamala Multi Spl Hosp.

OTHER PRIVATE

AVM Hosp.

Scared Heart Hosp.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

TIRUCHIRAPALLI DISTRICT

RT PRIVATE

GVN Hosp. Singarathoppu
 Kauvery Med. Cent. & HCG Cancer Hosp.
 Dr. G Viswanathan CBCC Cancer Center
 Dayal Nursing Home Cancer Trt.& Res.
 Cent.
 Harshamitra Hosp.

OTHER GOVERNMENT

KAP Viswanathan Govt.Med.Coll. Hosp.
 Govt. Dist. Hqrs. Hosp.
 All GHs & Block PHCs
 BHEL Hosp.

OTHER PRIVATE

Dr. G Viswanathan Speciality Hosp. Babu
 Road
 Trichy SRM Med. Coll. Hosp. & Res.
 Centre
 KMC Contonment
 ABC Hosp.
 Atlas Hosp.
 Sudharsana Hosp.
 Apollo Hosp.
 Maruthi Hosp.
 Amirtha Hosp.

Vaisali Hosp.
 CSI Mission Hosp.
 Shanawaz Nursing Home
 Neuro one Hosp.
 Gastrocare Hosp.
 Syed Nursing Home
 Annai Hosp.
 Niranjana Hosp.
 Parkavan Hosp.
 Deepan Hosp.
 Gitanjali Med Cent.
 Adhi Nursing Home
 Dr Pankajavalli
 Dr Senthilnathan Hosp.
 Sundaraj Hosp.
 Sree Paduka Hosp.
 Royal Pearl Hosp.
 Vishnu Hosp.

PATHOLOGY AND IMAGING

Guru Ragavendra Lab
 Doctors Diag.Cent.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

TIRUNELVELI DISTRICT

RT GOVERNMENT

Govt. Tirunelveli Med. Coll. Hosp.

OTHER GOVERNMENT

Govt. Dist. Hqtrs. Hosp.
 All GHs and Block PHCs

OTHER PRIVATE

Shifa Hosp.
 Venkateswara Hosp.
 District Cancer Prev.Centre
 CSI Bell Pins Indirani Chelladurai Mission
 Hosp.

Galaxy Hosp.
 Annaivelankanni Mul.Spl.Hosp.
 CSI Jayaraj Annapackiyam Miss. Hosp.
 Krishna Hosp.
 St Antony's Diag. & Res. Centre, Palayam
 Annalakshmi Nursing Home
 Sree Sudharsan Hosp.
 Ponra Nursing Home
 KMH Hosp.
 Sri Gomathi Clinic
 Arul Mission Hosp.
 Vetri Dent.Care Hosp.

Arokiamatha Hosp.
 Nivya Respiratory Centre

PATHOLOGY AND IMAGING

SSS Lab

SUPPORTIVE CARE

Nellai Cancer Centre

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

TIRUPPUR DISTRICT

OTHER GOVERNMENT

Govt. District Hqtrs. Hosp.
 All GHs and Block PHCs

OTHER PRIVATE

Sri Kumaran Hosp.
 Revathi Med. Centre
 Sree Saran Med. Centre

TSK Maternity Centre

Lavanya Hosp.

Rajeswari Nursing Home Palladam

Rams Multispeciality Centre

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

TIRUVALLUR DISTRICT (OLD)

RT PRIVATE

Dr. Rai CBCC Oncology Services Pvt. Ltd.
 Sri Ramachandra Med.Coll. & Res. Inst.

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
 All GHs & Block PHCs

OTHER PRIVATE

Madras Medical Mission

ACS Med.Coll. & Hosp.

Meenakshiammal Dental College and Hosp.

Sir Ivan Stedeford Hosp. Avadi

Thai Mookambigai Dent. Coll.& Hosp.

Meenakshi Gen.Hosp.

Venkateswara Homoeo. Med. Coll. & Hosp.

Muruganand Hosp.

St Joseph Hosp.

Be Well Hosp.

Peacock Hosp.

Panimalar Med.Coll.Hosp.& Res.Inst.
Saveetha Dent.Coll.& Hosp.
SRM Dent.Coll.

VITAL STATISTICS DEPARTMENT
DPH-SBHI-DDHS offices

SUPPORTIVE CARE

Jeevodaya Hospice
Penn Nalam

TIRUVANNAMALAI DISTRICT

OTHER GOVERNMENT

Govt. Tiruvannamalai Med. Coll. Hosp.
Govt. Dist. Hqrs. Hosp.
All GHs & Block PHCs

Sri Balakandhan Clinic
Star Hosp.
St. Josphe Hosp.
Rajam Nursing Home

OTHER PRIVATE

S S Hosp
Grace & Compassion Hosp.

VITAL STATISTICS DEPARTMENT
DPH-SBHI-DDHS offices

TIRUVARUR DISTRICT

RT PRIVATE

Tiruvavarur Med. Cent. Hosp.

Sri Vijaya Hosp.

Meenakshi Hosp.

Adhiyaman Hosp.

OTHER GOVERNMENT

Govt. Dist. Hqrs. Hosp.
All GHs and Block PHCs

Kamatchi Hosp

Thirunavukkarasu Clinic

Geetha Sheik Moh.Clinic

Arthi Nursing Home

OTHER PRIVATE

Hanifa Hosp.
CAK Poly Clinic Mannarkudi
Lakshmi Hosp.
Surya Hosp.
Chandra Nursing Home
Karunakaran Hosp.
NVK Hosp.
S B Hosp.
Siva Nursing Home

G M Hosp.

Lakshana Hosp.

PATHOLOGY AND IMAGING

Mannai Lab

Sri Balaji Lab

VITAL STATISTICS DEPARTMENT
DPH-SBHI-DDHS offices

VELLORE DISTRICT

RT PRIVATE

Christian Med. Coll. Hosp.

OTHER GOVERNMENT

Govt. Vellore Med. Coll. Hosp.

Govt. Dist. Hqrs. Hosp.

All GHs & Block PHCs

OTHER PVT SOURCES

Narayani Hosp.

Kumaran Hosp.

Rajeswari Hosp. Ranipet

Sankari Hosp.

Jothi Hosp.

Nalam Hosp.

Mummy Hosp.

Maruthi Hosp.

Dr Sivakumar Med.Cent. & Hosp.

Premji Hosp.

Duraisamy Hosp.

KKR Hosp.

Apollo KH Hosp.

Children's Hosp.Dart.Hitchcock Hosp.
(CHAD)

Sai Jothi Siddha Clinic

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

VILUPPURAM DISTRICT

OTHER GOVERNMENT

Govt.Villuppuram Med. Coll. Hosp.

Govt. Dist. Hqrs. Hosp.,

All GHs & Block PHCs

OTHER PRIVATE

ES Hosp.

Durai Gastro Care

Mahalakshmi Hosp.

Sumathi Nursing Home

Devaki Hosp.

Aswini Hosp.

Laxmi Hosp.

PDR Memorial Hosp.

Uma Hosp.

Jayashankar Hindu Mission Hosp.

South Zone ENT Res. Centre

East Coast Hosp.

Archana Hosp.

Dr Ramadoss Hosp.

Royal Hosp.

Vasantham Health Care

VV Hosp.

Kamatchi Hosp.

Maragatham Hosp.

RRM Gast. Surg. & Res. Centre

Sri Barani Hosp.

St. Joseph Hosp.

Dr Agarwal Eye Hosp.

Annai Poly Clinic

Deepam Hosp.

Sriram Hosp.

PRG Hosp.

EKR Clinic

Hari Hosp.

PATHOLOGY AND IMAGING CENTRES

Iniyan Scans

G S Lab

Shanthi Clinical Lab

Sona Scan Centre

Health Care Diag.Cent.

Sara Path. Lab

Madhu Hi tech.Diag.

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

VIRUDHUNAGAR DISTRICT

OTHER GOVERNMENT

Govt. Dist. Hqtrs. Hosp.

All GHs and Block PHCs

Krishna Hosp.

Holycross Hosp.

Meera Hosp.

Thiruvengadam Hosp.

OTHER PRIVATE

Star Hosp.

Dhanushkodi Hosp.

Sri Krishna Hosp.

Amar Hosp.

Sri Ram Hosp.

Karthik Nursing Home

VITAL STATISTICS DEPARTMENT

DPH-SBHI-DDHS offices

SOURCES OF DATA FOR TNCRP FROM OUTSIDE TAMIL NADU STATE

PONDICHERY

JIPMER

Puduchery Cancer Trust Hosp.

Mahatma Gandhi Med. Coll. & Hosp.

Indira Gandhi Govt. Med. Coll. Hosp & Res. Inst.

Govt. Maternity Hosp.

Mahathma Gandhi Govt. Dent. Coll. & Hosp.

GH Karaikal

Sri Manakula Vinayagar Med. Coll. & Hosp.

Vinayaka Mission's Med. Coll. Hosp. Karaikal

Pondicherry Inst. of Med. Sciences

Sri Venkateswara Med. Coll. & Hosp.

Sri Lakshmi Narayana Inst. of Med. Sc. Med. Coll. & Hosp.

East Coast Hosp.

AG Padmavathy Hosp.

New Ashok Nursing Home

Rani Hosp.

St. Joseph Hosp.

Roshini Lab

Munna Lab

Karaikal Lab

ASSAM

Dr.B Borooah Cancer Inst.

Cachar Cancer Hosp. & Res. Cent.

NECH&RC, Guwahati

CHANDIGARH

PGIMER

GUJARATH

The Gujarath Cancer Res. Inst.

HARYANA

Medanta Hosp.

Fortis Mem. Res. Inst.

HIMACHAL PRADESH

Regional Cancer Centre

JAMMU AND KASHMIR

Govt. Med. Coll. & Hosp.

Sher-i-Kashmir Inst. of Med. Sciences

KARNATAKA

Narayana Hrudayala Hosp.

St. Johns Hosp.

Bangalore Cancer Centre

HCG

Vydehi Inst. of Med. Sci.

Kidwai Mem. Inst. of Oncology

Apollo Hosp.

BH&IO, Mysore

COLUMBIA ASIA

KMC Hosp. Bangalore

Sagar Hosp.

Cytecare Cancer Hosp.

Manipal Hosp.

Victoria Hosp.

KERALA

Regional Cancer Centre, Trivandrum

Amrita Inst. Med. Sciences

Govt. Med. Coll. And Hosp. Thrissur

Malabar Cancer Centre, Thalassery

Lakshore Hosp.

CCIH, Kottayam

Malabar Cancer Centre, Kannur

MESMC&H

Baby Mem. Hosp. Ltd.

MAHARASHTRA

Tata Mem. Hosp.

PRH&RMC

NEW DELHI

Dr. BR Ambedkhar IRCH

RGCI & Res. Cent.

MAX SSH

RAJASTHAN

ATRCT, Bikaner

TELANGANA

Indo American Cancer Inst. & Res. Centre

UTTARAKHAND

Cancer Res. Inst.

UTTAR PRADESH

RCC Kamala Nehru Mem. Hosp.

WEST BENGAL

Tata Medical Centre

End



***Detect cancer early. Act immediately
Screen for cancer today
Early cancers are curable***