

MINISTRY OF HEALTH AND WELLNESS

HEALTH STATISTICS REPORT 2019

ISLAND OF MAURITIUS

AND

ISLAND OF RODRIGUES



A PUBLICATION OF THE HEALTH STATISTICS UNIT

<http://health.govmu.org>

FOREWORD

Reliable data are vital in the health sector. For this reason, in Mauritius, the Health Statistics Unit of the Ministry of Health and Wellness has been producing, since 1975, annual reports on health statistics for the Island of Mauritius and since 1988 for the Island of Rodrigues as well.

2. Data relating to population, including those required to compile most vital statistics, the main source of which is the Civil Status Office, have been obtained from Statistics Mauritius. Other data have been either compiled by the Health Statistics Unit, including those obtained from the private clinics/hospitals, or collected from the Health Records Division and other Sections/Units/Divisions of the Ministry of Health and Wellness as well as from the Commission for Health and Others in Rodrigues. Data on the causes of illness and death are compiled according to the 10th Revision of the International Classification of Diseases of the World Health Organisation.

3. The Health Statistics Reports are snapshots of the state of the health of the population. They provide evidence-based information for the monitoring of the health status of the population. Data are useful to formulate policy decisions, implementing strategies and evaluating health programmes. Health statistics are also used for the purpose of reporting to various local, regional and international agencies, and for the monitoring of progress towards the Sustainable Development Goals and Universal Health Coverage.

4. The Health Statistics Unit has now the pleasure to publish the 2019 Report. This Report displays certain data disaggregated by age, sex, district and month. The Report also summarises recent trends of the main health indicators.

5. Data published in the 2019 Report have highlighted certain areas of concern. For instance, yearly data indicate that infant mortality is on the increase. Similarly, the proportions of caesarian sections and low birth weights have both increased in 2019. This has prompted the Ministry of Health and Wellness to take corrective measures.

6. During the recent years, sensitization campaigns among pregnant women have been intensified and the Neonatal Intensive Care Service has been strengthened. In addition, since this year, the National Roadmap Framework to improve maternal, neonatal and child health is being implemented. Other issues documented in this Report are being addressed through the implementation of the Health Sector Strategic Plan 2020-2024.

7. We acknowledge the valuable support from the various stakeholders and the spirit of team work among the staff of the Health Statistics Unit for developing this Report.

October, 2020

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* Page relates to data pertaining either to Republic of Mauritius or to the Island of Mauritius and Island of Rodrigues separately

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Health Statistics Report 2019

Executive Summary

Every year, the Ministry of Health and Wellness publishes a report on health statistics. The report contains information on population and vital statistics, infrastructure and personnel, morbidity (illness), mortality (cause of death), and the activities of almost all health services pertaining to the Island of Mauritius and to the Island of Rodrigues. Data on population and vital statistics published in the report have been obtained from Statistics Mauritius. The salient features of the 2019 Report are as follows:

ISLAND OF MAURITIUS

- The estimated resident population as at 31 December 2019 was 1,221,663 compared to 1,222,208 as at 31 December 2018, indicating a negative growth rate of 0.04%.
- In the period 2000 to 2018, life expectancy at birth increased by 2.9 years for men (from 68.1 to 71.0 years) and by 2.2 years for women (from 75.3 to 77.5 years). However, life expectancy has started to decrease as from 2017.
- A total of 12,056 livebirths were registered in 2019 for a Crude Birth Rate of 9.9 per 1000 mid-year resident population compared to 10.0 in 2018 and to 11.8 in 2010.
- In 2019, a total of 10,911 deaths were registered for a Crude Death Rate of 8.9 per 1,000 mid-year population compared to 8.6 in 2018 and to 7.3 in 2010..
- The Infant Mortality Rate was 14.3 per 1,000 live births in 2019 compared to 13.8 in 2018 and to 12.4 in 2010.
- In the period 2010-2018, the proportion of newborns with low birth weight, that is, less than 2,500 grammes, fluctuated between 16.3% and 17.5%. The figure has significantly increased to 19.9% in 2019.
- The number of Doctors working in the Ministry of Health and Wellness increased from 1000 at the end of 2012 to 1,568 in 2019.
- 3,958 qualified Nurses and Midwives were in post at the end of 2019 in the public sector compared to 3,051 in 2012.
- There were 3,768 beds in Government Hospitals at the end of 2019.
- The number of admissions in Government Hospitals in 2019 was 194,659 and the number of operations performed on them was 46,325.
- In 2019, a total of 158,303 cases were seen as outpatients at Orthopaedics clinics, 114,543 at General Medicine clinics, 127,931 at Cardiology clinics, 102,342 at General Surgery clinics, 78,862 at Psychiatry clinics and 92,721 at Ophthalmology clinics.

- Data obtained from the Mauritius Revenue Authority indicate that the number of imported cigarette sticks was 1,041million in 2019 compared to 858 million in 2016.
- The number of newly detected HIV/AIDS cases among Mauritians was 374 in 2019 compared to 262 in 2015.
- 41 cases (all imported) of malaria, 152 cases of dengue (among which 132 locally transmitted) and 1 imported case of chikungunya were reported in 2019.
- Of all deaths recorded in 2019 *diseases of the circulatory system* were responsible for 31.5%, *endocrine, nutritional and metabolic diseases* (mainly *diabetes*) for 22.8%, *neoplasm (cancers)* for 13.2%, *diseases of the respiratory system* for 12.7% and *injury and poisoning* for 4.6%.

ISLAND OF RODRIGUES

- The estimated resident population as at 31 December 2019 was 43,538 compared to 43,155 as at 31 December 2018, that is, an increase of 0.9%.
- 806 live births were registered in 2019 for a Crude Birth Rate of 18.6 per 1,000 mid-year resident population compared to 17.7 in 2018.
- In 2019, a total of 263 deaths were registered for a Crude Death Rate of 6.1 per 1,000 mid-year population; the rate was 6.2 in 2018.
- The Infant Mortality Rate has increased from 17.0 per 1,000 livebirths in 2018 to 17.4 in 2019.
- At the end of 2019, there were 28 Doctors, 2 Dentists and 221 Nurses and Midwives in post in the public sector.
- In 2019, 15 cases of HIV/AIDS were registered in the island compared to 13 cases in 2018 and to 8 in 2017.
- Of all deaths recorded in 2019, *diseases of the circulatory system* were responsible for 35.4%, *endocrine, nutritional and metabolic diseases* (mainly *diabetes*) for 15.6%, *neoplasm (cancers)* for 16.0%, *diseases of the respiratory system* for 9.5% and *injury and poisoning* for 4.2%.

The Health Statistics Reports are available on the website of the Ministry of Health and Wellness (<http://health.govmu.org>).

SELECTED HEALTH VARIABLES AND INDICATORS
ISLAND OF MAURITIUS - 2019

Variable / Indicator	Number / Value	Denominator
POPULATION AND VITAL STATISTICS		
Estimated mid-year resident population	1,222,340	
<i>Population density</i>	654	<i>per square kilometre</i>
Estimated mid-year resident population by sex: male	604,896 (49.5%)	
female	617,444 (50.5%)	
<i>sex ratio</i>	980	<i>males per 1000 females</i>
Estimated end-of-year resident population	1,221,663	
<i>Population density</i>	654	<i>per square kilometre</i>
Estimated female mid-year resident population 15-49 years	307,049	
<i>Percentage of total female population</i>	49.7	
<i>Percentage of total population (both sexes)</i>	25.1	
Estimated mid-year population 60 years and over	214,859	
<i>Percentage of total population</i>	17.6	
Estimated mid-year population 65 years and over	142,209	
<i>Percentage of total population</i>	11.6	
Live births	12,056	
<i>Crude birth rate</i>	9.9	<i>per 1000 mid-year population</i>
Deaths (all ages)	10,911	
<i>Crude death rate</i>	8.9	<i>per 1000 mid-year population</i>
Stillbirths	135	
<i>Stillbirth rate</i>	11.1	<i>per 1000 total births</i>
Perinatal deaths	213	
<i>Perinatal mortality rate</i>	17.5	<i>per 1000 total births</i>
Infant deaths	173	
<i>Infant mortality rate</i>	14.3	<i>per 1000 live births</i>
Deaths under five years	190	
<i>Under-five mortality rate</i>	15.8	<i>per 1000 live births</i>
Maternal deaths	8	
<i>Maternal mortality ratio</i>	0.66	<i>per 1000 live births</i>
<i>Life expectancy at birth</i> [@] (years) :		
Male	71.0	
Female	77.5	
Both Sexes	74.2	
INFRASTRUCTURE AND PERSONNEL		
Beds - public & private sectors	4,498	
<i>Population : bed ratio</i>	272	<i>inhabitants per bed</i>
Doctors - public & private sectors *	3,290	
<i>Population : doctor ratio</i>	385	<i>inhabitants per doctor</i>
Dentists - public & private sectors *	412	
<i>Population : dentist ratio</i>	3,079	<i>inhabitants per dentist</i>
Pharmacists - public & private sectors *	536	
<i>Population : pharmacist ratio</i>	2,361	<i>inhabitants per pharmacist</i>
Nurses (including midwives) - public & private sectors *	4,494	
<i>Population : nurse ratio</i>	282	<i>inhabitants per nurse</i>

* Variables and indicators relating to personnel refer to the Republic of Mauritius

[@] 2018

SELECTED HEALTH VARIABLES AND INDICATORS
ISLAND OF MAURITIUS - 2019

Variable / Indicator	Number / Value	Denominator
MATERNAL AND CHILD HEALTH		
Births attended by qualified personnel <i>Percentage of all births (registered=12,191)</i>	99.8	
Children with a birthweight of less than 2.5 kg <i>Percentage of live births (in hospitals & private clinics=12,020)</i>	2,392 19.9	
Total Fertility Rate	1.4	
Net Reproduction Rate	0.7	
IMMUNIZATION (PUBLIC SECTOR ONLY)		
Children immunized against tuberculosis <i>Immunization coverage</i>	10,177 85.6	per 100 surviving infants
Children immunized against diphtheria, Pertussis, Haemophilus-Influenza Type B, Polio(Inactivated), tetanus and Hepatitis B <i>Immunization coverage</i>	10,273 86.5	per 100 surviving infants
Children immunized against measles/mumps/rubella (MMR) <i>Immunization coverage</i>	11,150 93.8	per 100 surviving infants
Pregnant women immunized against tetanus (2nd or higher dose) <i>Immunization coverage</i>	7,390 58.2	per 100 estimated pregnant women
NOTIFIABLE DISEASES (REPUBLIC OF MAURITIUS)		
Cases of tuberculosis reported <i>Incidence rate</i>	126 10.0	per 100,000 mid-year population
Cases of malaria reported : <i>Incidence rate</i>	41 3.2	per 100,000 mid-year population
Cases of HIV \ AIDS reported (Mauritians) <i>Incidence rate</i>	374 29.5	per 100,000 mid-year population
CAUSE OF DEATH		
Deaths due to diseases of the circulatory system <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	3,440 31.5 28.1	per 10,000 mid-year population
Deaths due to endocrine, nutritional and metabolic diseases <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	2,486 22.8 20.3	per 10,000 mid-year population
Deaths due to neoplasms <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	1,441 13.2 11.8	per 10,000 mid-year population
Deaths due to diseases of the respiratory system <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	1,388 12.7 11.4	per 10,000 mid-year population
Deaths due to injury and poisoning <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	507 4.6 4.2	per 10,000 mid-year population

ISLAND OF MAURITIUS

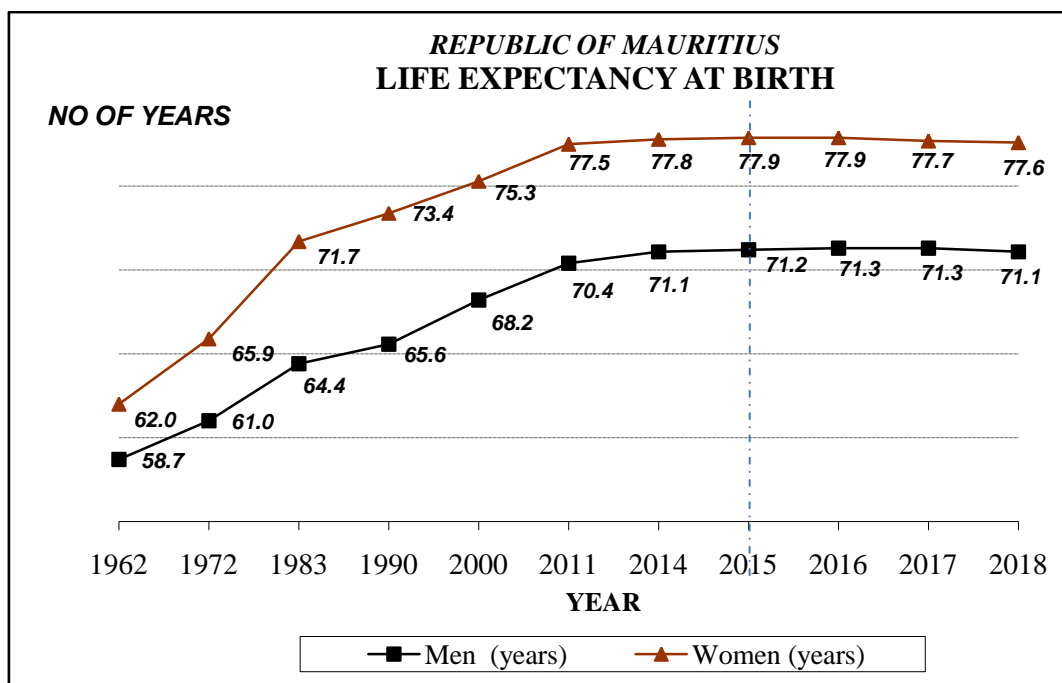
AN ANALYSIS OF THE HEALTH SITUATION

This analysis of the health situation in Mauritius includes discussion on population and related vital events, on health care delivery system, services and personnel, and on activities carried out in public and private health institutions. The morbidity patterns and mortality trends have also been discussed. A few parts refer to the Republic of Mauritius and that pertaining to Rodrigues is given at page 107.

POPULATION AND VITAL STATISTICS

The estimated resident population of the Island of Mauritius at the end of 2019 was 1,221,663 (604,499 males and 617,164 females) compared to 1,222,208 in 2018 indicating a negative growth rate of 0.04%.

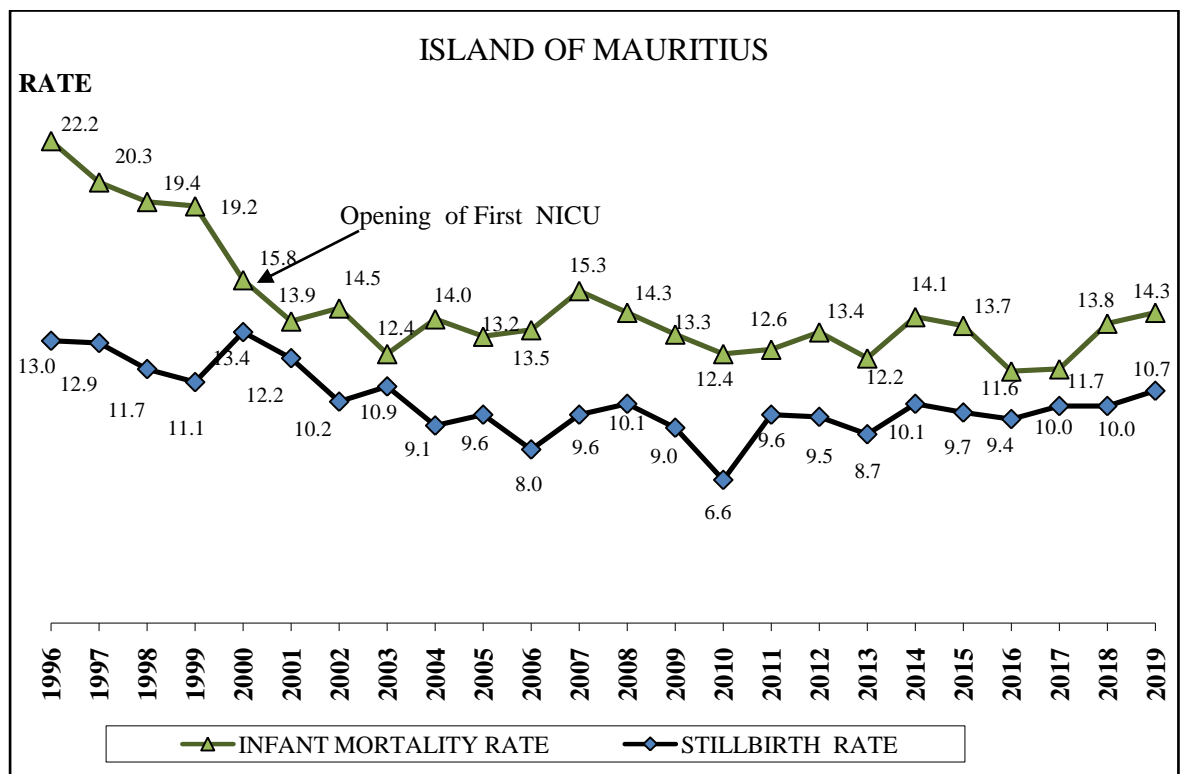
During the year 2019, a total of 12,056 live births was registered, giving a crude birth rate of 9.9 per thousand mid-year resident population compared to 10.0 in 2018. Crude birth rates, which were continuously decreasing in the period 2002-2015, have stabilized between 9.9 and 10.5 during the recent years. Life expectancy at birth, which was 68.1 years for males and 75.3 years for females in 2000, has reached 71.0 years and 77.5 years respectively in 2018 as shown in the chart below. These figures may slightly differ with those of the Republic of Mauritius. Life expectancy has started to decrease as from 2017.



ISLAND OF MAURITIUS

The number of deaths registered in 2019 was 10,911, corresponding to a crude death rate of 8.9 per thousand mid-year resident population. In 2019, an increase has been noted compared to 2018 with 10,521 deaths and a crude death rate of 8.6.

The number of infant deaths, that is deaths among children aged under one year, registered in 2019 was 173, corresponding to an infant mortality rate (IMR) of 14.3 per thousand live births compared to 13.8 in 2018 and to 15.3 in 2007. As shown in the chart below, a decreasing trend has been noted in stillbirth rate from 13.4 per 1,000 total births in 2000 to 6.6 in 2010. However, the rate was 10.7 in 2019 indicating an increasing trend during the recent years.



In 2019, the number of maternal deaths registered was 8 compared to 5 in 2018. The maternal mortality ratio per 1,000 livebirths was 0.66 and 0.41 respectively. Maternal mortality followed an erratic trend in the period 2010-2019 with an annual average of 7 maternal deaths.

ISLAND OF MAURITIUS

HEALTH CARE DELIVERY SYSTEM

In the Island of Mauritius, as at the end of 2019, there were five regional hospitals namely Dr A.G Jeetoo Hospital, Sir S. Ramgoolam Hospital, Flacq Hospital, PanditJ.Nehru Hospital and Victoria Hospital and two district hospitals namely Souillac Hospital and Mahebourg Hospital. There were also a psychiatric hospital and 3 other specialized hospitals for chest diseases, eye diseases, ear, nose and throat (E.N.T.) diseases, and 2 Cardiac Centres. The number of beds in government health institutions was 3,768 as at the end of 2019.

In the private sector there were, as at the end of 2019, nineteen private health institutions with a total of 730 beds. The total number of beds in the public and private sectors as at the end of 2019 was thus 4,498, that is, 272 inhabitants per bed.

All regional and district hospitals and 5 of the 6 specialised hospitals, namely, the Psychiatric, Eye, E.N.T and Cardiac, have an out-patient department. Out-patient services were also delivered in two community hospitals, five mediclinics, 18Area Health Centres (AHC) and 116 Community Health Centres (CHCs). The basic services delivered at CHCs include the treatment of common diseases and injuries, maternal and child care, and family planning. In addition to these services, AHCs also provide dental care. This service was also delivered in a few CHC's. Six Ayurvedic Clinics were providing outpatient care. Out-patient care was also provided in the private sector, including clinics and dispensaries on sugar estates. There were also a chest clinic and eight day care centres for the Immuno-Suppressed in operation as at the end of 2019.

HEALTH PERSONNEL

At the end of 2019, there were 3,290 doctors registered with the Medical Council of the Republic of Mauritius, that is, 26.0 doctors per 10,000 population. 1,568 (47.7%) doctors, including 354 specialists, were employed in the public sector.

There were 412 dentists, of whom 66 in the public sector, at the end of 2019. The corresponding number of pharmacists was 536 and 36 respectively. The number of qualified nurses and midwives in the public and private sectors was 4,494 of whom 3,958 were employed by the Ministry of Health and Wellness.

*ISLAND OF MAURITIUS***INPATIENT SERVICE**

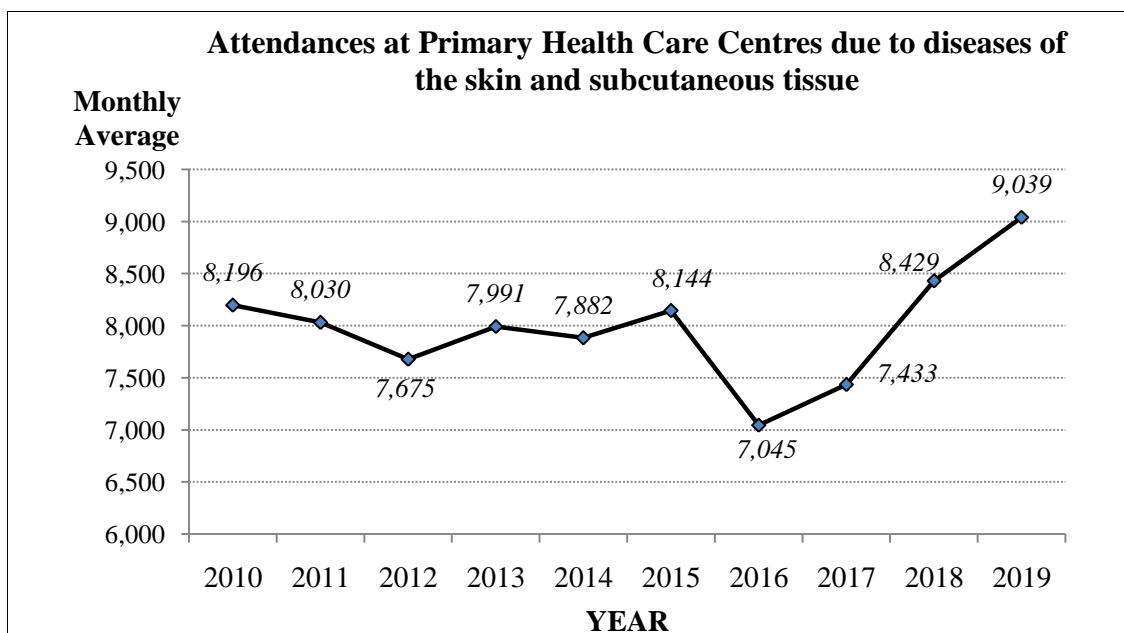
In 2019, the number of admissions (including re-admissions) to government hospitals in the Island of Mauritius was 194,659 compared to 199,079 in 2018. Bed occupancy in government hospitals was 75.4% in 2019.

OUT-PATIENT SERVICE

In 2019, a total of 5.46 million cases were seen by doctors at the out-patient service points in the public sector, comprising general and specialized hospitals with 3.39 million (62%) and primary health care centres with 2.06 million (38%).

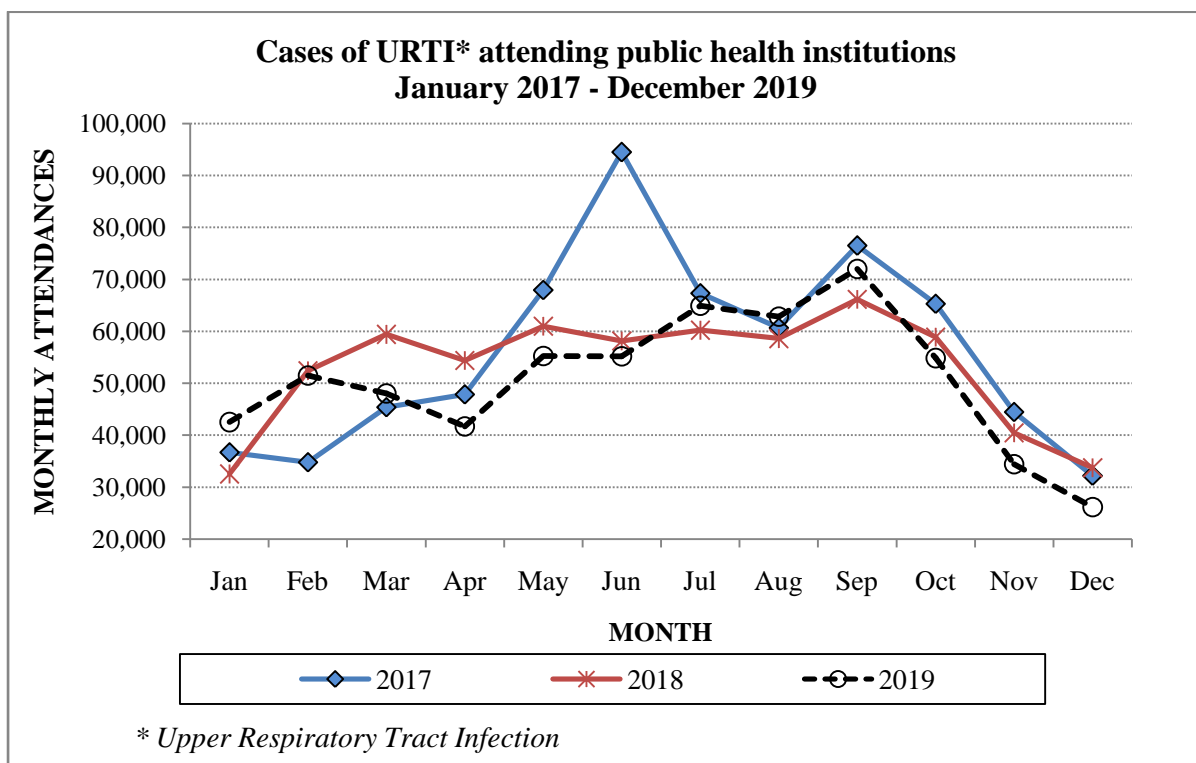
In 2019, attendances for the treatment of common diseases and injuries, including cases seen by doctor, at the Community Hospitals, Medi Clinics, Area and Community Health Centres were 5.03 million, as compared to 5.10 million in 2018.

In 2019, the monthly average attendances at the primary health care centres due to diseases of the skin and subcutaneous tissue were 9,039, the highest figure reported over the last ten years. Since 2016, an increasing trend in the incidence of this group of diseases has been observed when the monthly average gradually increased from 7,045 to reach 9,039 in 2019, that is an increase of 28.3% .



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Available data indicate that the number of cases treated for Upper Respiratory Tract Infections (URTI) at all public health institutions drastically increased from 414,600 in 2008 to 608,000 in 2009 and 709,000 in 2010. The AH1N1 outbreak has probably contributed to these significant increases. In 2019, the figure stood at 609,663 compared to 636,148 in 2018 and to 673,794 in 2017. Monthly attendances due to URTI in the period 2017-2019 are given in the chart below.



MATERNAL AND CHILD HEALTH

The number of first attendances for antenatal examinations by the staff of the Maternal and Child Health Care Services (MCH) at government clinics has decreased from 8,949 in 2018 to 8,743 in 2019. The total number of first and subsequent attendances for antenatal and postnatal examinations and children under 5 years seen at Well Baby clinics has also decreased from 255,124 in 2018 to 251,439 in the same period.

The proportion of low birth weight (less than 2,500 grammes) among live births in the public sector has significantly increased from 17.6% in 2017 to 19.3% in 2018 and to 22.1% in 2019. The percentage of deliveries by caesarian section occurring in government hospitals has significantly increased from 49.0% in 2018 to 53.9% in 2019.

ISLAND OF MAURITIUS

In 2019, the number of livebirths among mothers aged less than 20 years was 1,008, corresponding to 8.3% of the total livebirths registered compared to 9.4% in 2013 when 1,207 livebirths were registered among teenagers.

The number of shots performed on babies by MCH staff in 2019 was 128,281. The number of children immunized against *diphtheria, whooping cough, tetanus, hepatitis B, HIB and poliomyelitis* (3rd dose) was 10,273. Those immunized against *poliomyelitis* (3rd dose) was 10,435 and against *measles/mumps/rubella (MMR-2nd dose)* 11,150. The number of children immunized against *pneumococcal* was 10,331 (3rd dose) and *human papilloma virus* was 5,758 (2nd dose).

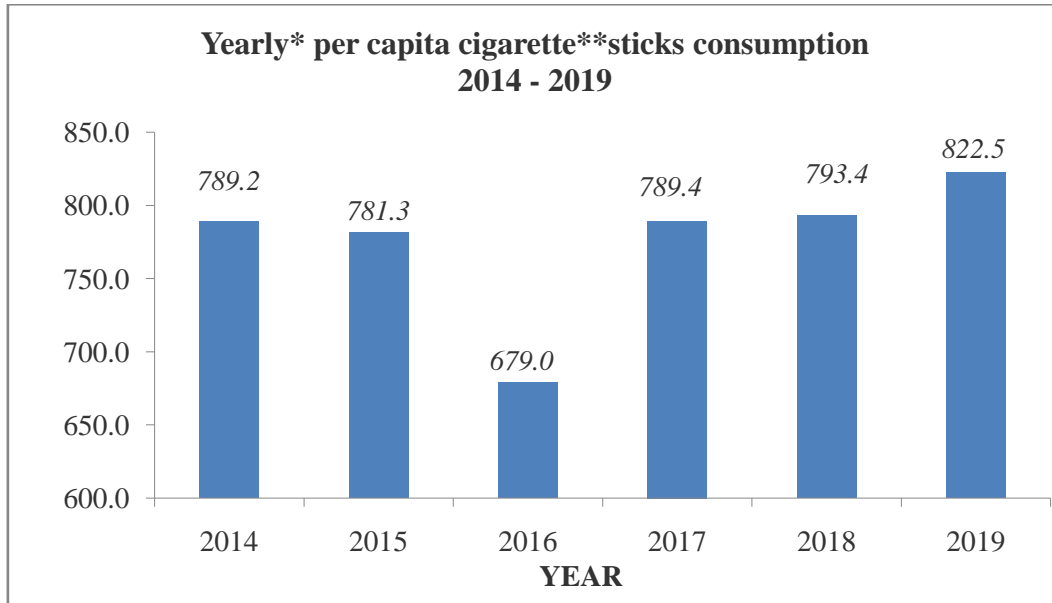
SCHOOL HEALTH

During the year 2019, the nursing staff responsible for school health visited 506 pre-primary schools and screened 13,855 children. 5% of these children were reported to have nits and lice. The nursing staff also visited 300 primary schools and screened 41,824 pupils. 20,519 pupils of Standards III, V and VI were submitted to vision tests and 1,137 of them were found to have vision problem. 10,082 of the new entrants to primary schools were immunized against *diphtheria & tetanus (D.T.)* and *poliomyelitis*. 4,698 of them were also immunized against *MMR* and 12,786 primary school leavers were immunized against *tetanus*.

CIGARETTE AND ALCOHOLIC PRODUCTS

Data obtained from the Mauritius Revenue Authority (MRA) indicate that the number of imported cigarette sticks was 1,041 million in 2019 compared to 1,004 million in 2018. As indicated in the chart below, the estimated yearly per capita cigarette consumption, which had followed a decreasing trend from 789 sticks in 2014 to 679 sticks in 2016, has gone up to 823 in 2019.

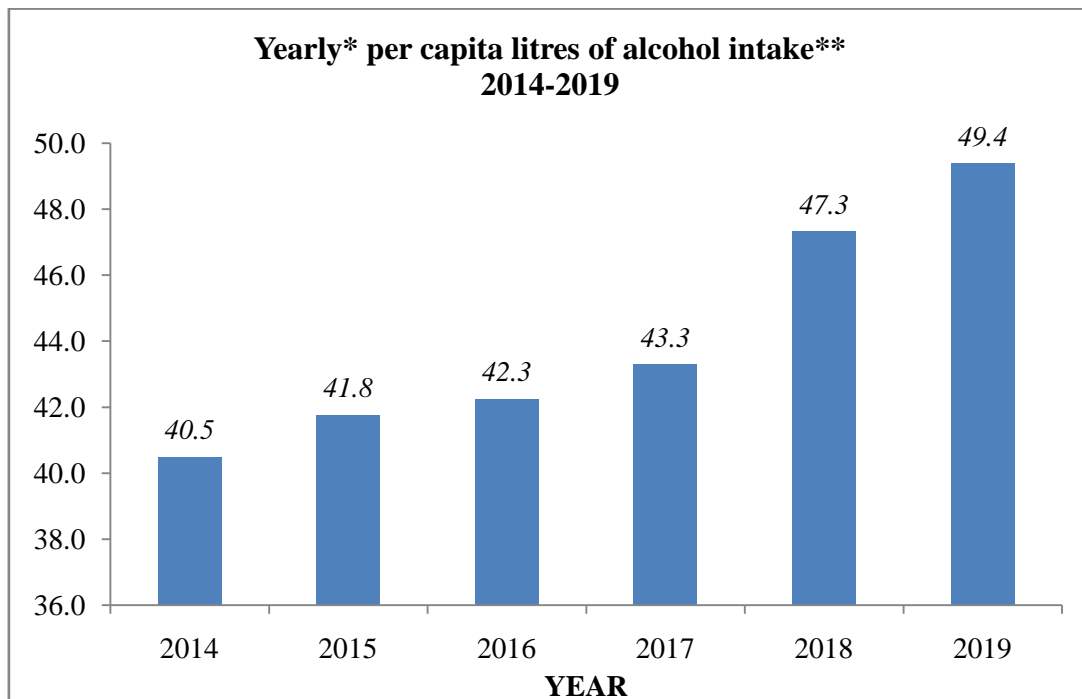
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*based on data from January to December

** imported

Data submitted by the MRA indicate that the number of litres of imported or locally produced alcoholic products was 62 million in 2019 compared to 52 million in 2015. The estimated yearly per capita litre of alcoholic beverage for 2019 was 49.4 litres. The chart given below indicates an increase in the consumption of alcoholic beverages since 2014.



*based on data from January to December

** imported

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DENTAL HEALTH

The total number of attendances at government dental clinics (static and mobile) in 2019 was 265,051, out of which 38,637, that is 14.6%, were among children aged less than 12 years. 21,361 (8.1%) were cases seen by dental specialists. The number of cases treated for paradontal diseases was 28,965 and the number of surgical operations on jaws, including surgical extraction of roots and impacted teeth, was 5,256.

PRIVATE HEALTH INSTITUTIONS

The total number of cases seen for treatment, including admissions, at the 19 private hospitals and clinics having in-patient services was 281,056 in 2019. 27,184 of these cases have undergone surgical operations and procedures. 3,675 live births and stillbirths that occurred in these institutions represented 30.2% of total births registered in the whole island compared to 14% in 2003. 15.0% of live births had low birth weight (less than 2,500 grammes); the corresponding figure was 6.8% in 2003. The percentage of caesarian section on total births was 62.1% in 2019 compared to 42.1% in 2003.

MORBIDITY

The first case of AIDS in the Republic of Mauritius was notified in October 1987. As at the end of 2019 a total of 8,109 cases of HIV/AIDS were detected, of whom 7,795 (5,723 males, 2,072 females) were Mauritians. 71.7% of the 7,795 HIV infected Mauritians were in the age-group 25 to 49 years and 18.0% in the age-group 15 to 24 years.

**Distribution of HIV/AIDS cases #by sex and age * group
(1987 – 2019)**

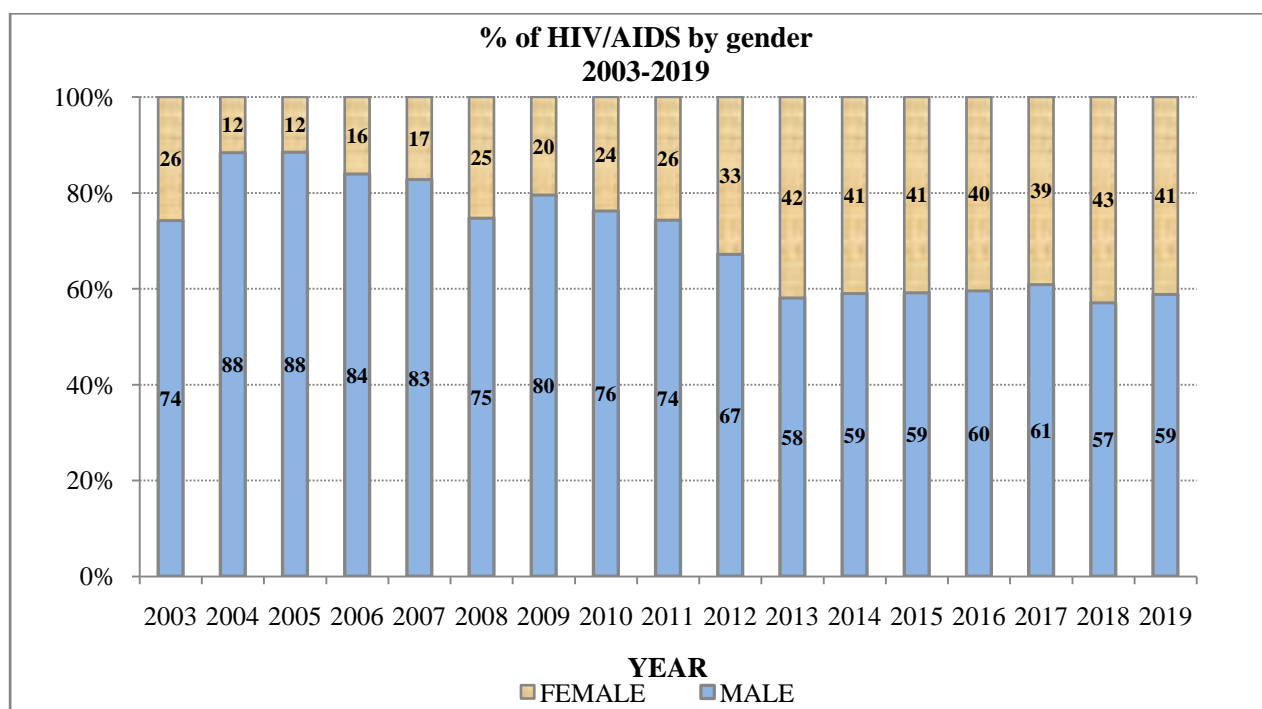
AGEGROUP (Years)	MALE	FEMALE	BOTH SEXES
<5	27	26	53
5-9	9	10	19
10-14	5	12	17
15-19	110	197	307
20-24	704	394	1,098
25-29	1,119	380	1,499
30-34	1,016	311	1,327
35-39	861	260	1,121
40-44	762	183	945
45-49	535	117	652
50-54	321	96	417
55-59	140	41	181
60-64	69	33	102
65+	45	12	57
Total	5,723	2,072	7,795

* Age at detection

Mauritians

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As shown on the chart that follows, the number of new HIV/AIDS cases is more significant among the male than among the female. 2,072 of the 7,795 Mauritian cases of HIV and AIDS registered as at the end of December 2019 were females, that is, 26.6%. The percentage of new female cases has significantly increased during the period 2013 to 2018 when it reached 43%. In 2019 it decreased to 41%.



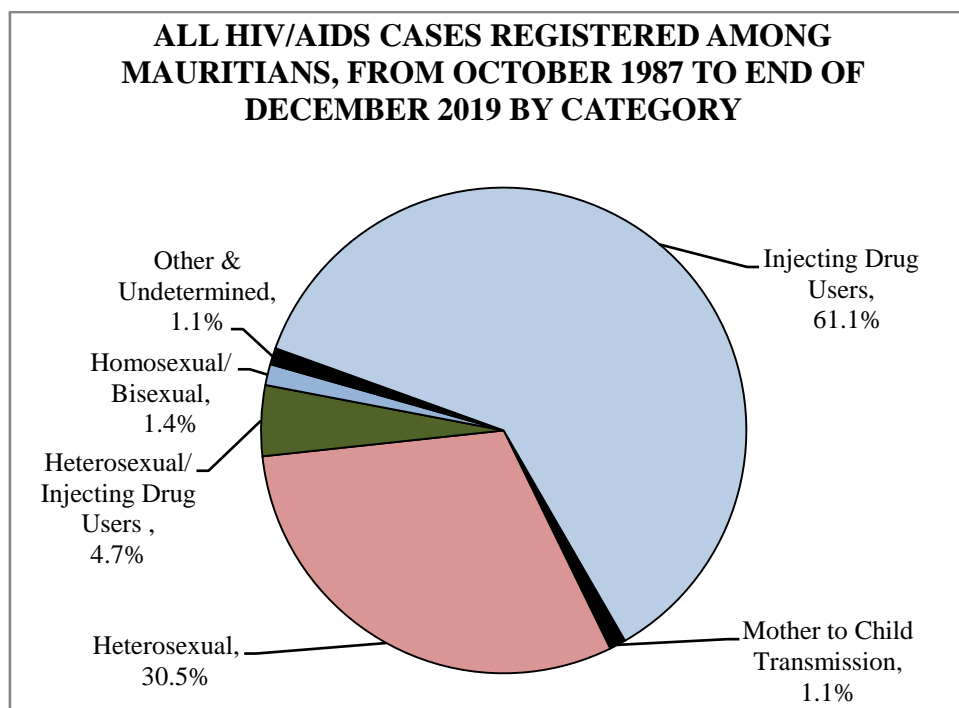
HIV tests conducted by the Virology Laboratory of the Ministry of Health & Quality of Life and positivity rates from 2010 to 2019 are as follows:

Year	No. of tests	Number of positive cases	HIV Positivity Rate (%)
2010	84,432	580	0.69
2011	85,858	417	0.49
2012	86,028	327	0.38
2013	88,151	271	0.31
2014	86,063	333	0.39
2015	83,133	269	0.32
2016	80,648	329	0.41
2017	82,715	384	0.46
2018	90,268	406	0.45
2019	96,713	397	0.41

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At the beginning of the epidemic, the mode of transmission of the HIV virus was predominantly heterosexual. The rising incidence as from year 2000 was driven by Injecting Drug Users (IDUs) acting as the main mode of transmission.

The gradual shift in mode of transmission from heterosexual to IDUs became evident in 2003 when 68% of the new cases were detected among the IDUs as compared to only 14% in 2002. The shift reached its peak in 2005 (92%) and dropped to 84% in 2006. In 2019, it was 29.9% compared to 31.2% in 2018. On the other hand, the proportion of new cases detected among heterosexual has increased from 21.5% in 2010 to 52.3% in 2015 and to 61.5% in 2019. In the period 1987-2019, 1.1% of all newly detected cases of HIV were due to Mother to Child Transmission (MTCT). The distribution of the 7,421 infected Mauritians by mode of transmission is shown in the pie-chart below:



After the epidemic of chikungunya in 2005 and 2006, only 20 cases, all imported, have been reported between 2007 and 2017; in 2018 and 2019, only 1 case was reported. In 2018, only 6 cases of dengue were reported. However, in 2019, a total of 152 cases has been reported; 132 of them were locally transmitted cases mostly in the district of Port-Louis and in the month of March and April.

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Active surveillance for all “*Acute Flaccid Paralysis*” cases started in August 2003 in the Republic of Mauritius, covering both the public and private sectors. The objective of the AFP Surveillance, as set by the World Health Organisation, is to detect any possible presence of polio virus in view to its eradication from the globe. The target for certification is a non-polio AFP detection rate of >2 cases/100,000 population aged <15 years. A total of 91 cases among children less than 15 years of age have been detected in the country between August 2003 and December 2019. The AFP Rate per 100,000 children (<15 years) was 3.2 in 2019 with 7 cases.

Deliveries constituted 4.1% of all cases treated as in-patients in government general hospitals in 2019. Among other principal causes of discharges, there were *Diabetes Mellitus* with 2.6%, *Diarrhoea and gastroenteritis* with 2.8% and *Acute Upper Respiratory Infections* with 3.0%. The distribution by ICD-10 chapters indicates that 10.6% of all cases treated were due to “*Pregnancy, childbirth and the puerperium*”, 10.4% due to “*Injury and Poisoning*”, 10.3% due to “*Diseases of the Respiratory System*” and 11.3% due to “*Disease of the Circulatory System*”.

In 2019, of the 16,750 cases (10,221 males and 6,529 females) treated as in-patients in government general hospitals due to consequences of external causes, 7,028 (42.0%) were following “*Falls*”, 1,899 (11.3%) following “*Transport Accidents*” and 1,682 (10.0%) following “*Assaults*”. Of the 737 (4.4%) cases treated as in-patients following “*Attempted suicides*”, 392 (53.2%) were females.

Admissions due to respiratory diseases in government general hospitals had significantly increased from 6.2% of all admissions in 2005 to 10.1% in 2009, the year of the AH1N1 epidemic. From 2010 to 2019, it has been fluctuating between 9.3% and 10.3%.

The number of admissions in government general hospitals due to “*Acute Bronchiolitis*” had drastically increased from 293 in 2003 to peak at 1,465 in 2009, representing an average annual increase of 67% during that period. In the period 2010 to 2018, an annual average of 867 admissions was noted. This disease affects mostly children below the age of 5 years (93.3% of the 805 admitted cases in 2019).

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Admissions due to “Acute Bronchiolitis”

Year/Age	<1 year	1-4 years	5 & above	All Ages
2009	724	551	190	1465
2010	476	286	21	783
2011	561	362	24	947
2012	517	328	47	892
2013	535	293	48	876
2014	586	301	29	916
2015	657	394	30	1081
2016	487	237	21	745
2017	481	310	33	824
2018	394	252	94	740
2019	443	308	54	805

Respiratory diseases that have contributed to increase pressure on government in-patient services are “Acute Upper Respiratory Infections”, “Acute bronchitis and bronchiolitis”, “Pneumonias” and, “Bronchitis, emphysema and other chronic obstructive pulmonary diseases” (*see table given below*). The number of admissions due to “Asthma” has decreased from 2,490 in 2013 to 1,987 in 2017; however a slight increase has been noted from 2,060 admissions in 2018 to 2,120 in 2019.

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Admissions due to certain respiratory diseases

Diseases	Sex	2013	2014	2015	2016	2017	2018	2019
Acute upper respiratory infections	Male	3,095	3,673	2,918	3,121	2,447	2,554	2,392
	Female	3,199	3,671	2,882	3,305	2,479	2,524	2,473
	Total	6,294	7,344	5,800	6,426	4,926	5,078	4,865
Acute bronchitis and bronchiolitis	Male	1,077	1,135	1,351	1,123	1,276	1,253	1,295
	Female	1,026	954	1,154	1,105	1,188	1,378	1,359
	Total	2,103	2,089	2,505	2,228	2,464	2,631	2,654
Pneumonia	Male	353	368	331	436	386	415	311
	Female	365	368	335	385	336	397	380
	Total	718	736	666	821	722	812	691
Bronchitis, emphysema and other chronic obstructive pulmonary diseases	Male	820	765	669	892	686	864	790
	Female	895	626	509	758	640	668	620
	Total	1,715	1,391	1,178	1,650	1,326	1,532	1,410
Asthma	Male	1,059	1,020	1,061	835	859	772	835
	Female	1,431	1,356	1,305	1,246	1,128	1,288	1,284
	Total	2,490	2,376	2,366	2,081	1,987	2,060	2,119

In 2019, of the 3,451 cases treated as in-patient at the Cardiac Centre, 1,825 (52.9%) were for “*Angina pectoris*”, 1,014 (29.4%) for “*Chronic Ischaemic heart diseases*” and 24 (0.7%) for “*Congenital malformations of the circulatory system*”. A total of 986 cardiac surgeries has been performed at the Cardiac Centres (460 at Pamplémousses and 526 at Candos).

5,190 (62.9%) of the 8,245 cases treated as in-patients at S.Bharati (Eye) Hospital in 2019 were due to cataract. Among the cataract cases, 5,098 (98%) were operated upon. 705 cases were treated as in-patient at the hospital for “*injuries and other consequences of external causes*”.

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During the year 2019, 531 in-patients were treated at the Poudre d'Or (Chest) Hospital of whom 348 (65.5%) were males. *Pulmonary tuberculosis* was the morbid condition for 115 patients (75 males, 40 females), followed by *Pleurisy* without mention of tuberculosis 42 patients (31 males, 11 females) with a percentage of 21.7 and 7.9 respectively. 27 patients died at the Hospital, giving a fatality ratio of 5%.

Of the 899 new cases diagnosed at the out-patient specialist clinics in chest diseases during the year 2019, 108 (12.0%) were diagnosed with *pulmonary tuberculosis*. Among the non-tuberculous diseases, *asthma* was in first place with 219 new cases, that is, 24.4% of all new cases diagnosed.

Of the 3,108 in-patients treated at Brown Sequard Hospital in 2018, *Schizophrenia* accounted for 1,063 cases (644 males, 419 females), that is 30.5%, followed by Depressive episode with 375 cases (12.1%).

The principal causes of admissions in government general and specialised hospitals in the year 2019 are given below:

Cause		Number of in-patients*			%
GENERAL HOSPITALS		Male	Female	Total	Total
1	Pregnancy, Childbirth and the Puerperium	-	17,055	17,055	10.6
2	Injuries and poisoning	10,221	6,530	16,751	10.4
3	Diseases of the Respiratory System	7,739	8,828	16,567	10.3
4	Diseases of the genito-urinary system	4,904	7,169	12,073	7.5
5	Heart Diseases	5,175	3,707	8,882	5.5
6	Cancers and other neoplasms	1,858	3,404	5,262	3.3
7	Diarrhoea and gastroenteritis	1,767	2,686	4,453	2.8
8	Diabetes	2,115	2,040	4,155	2.6
9	Gastritis and duodenitis	2,086	2,103	4,189	2.6
10	Hypertensive Diseases	1,453	2,161	3,614	2.3
SPECIALISED HOSPITALS		Male	Female	Total	
1	Cataract (Eye Hospital)	2,228	2,962	5,190	62.9
2	Heart Diseases (Cardiac Centre)	2,275	1132	3407	98.7
3	Schizophrenia (Psychiatric Hospital)	644	419	1,063	34.2
4	Acute pharyngitis & tonsillitis (ENT Hospital)	520	636	1,288	37.1
5	Pulmonary Tuberculosis (Poudre D'Or Chest Hospital)	75	40	115	21.7

* including re-admissions

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Of the 340 cases treated as in-patients in 2019 at the Neonatal Intensive Care Unit located in the five regional hospitals, 131 (38.5%) were for *disorders related to length of gestation and fetal growth*, 52 (15.3%) for *respiratory and cardiovascular disorders specific to the perinatal period* and 91 (26.8%) for *infections specific to the perinatal period*. There were 138 deaths among those 340 cases, giving a fatality ratio of 40.6% compared to 24.3% in 2018.

The number of new cases diagnosed at the specialist clinics in dermatology in 2019 were 14,458 of which 3,558 (24.6%) was *skin infections* (1,893 of fungal and 439 of parasitic origin). 16.9% of new cases were treated for *eczema*, 9.1% for *psoriasis and similar disorders*, and 6.2% for *diseases of nail and hair*.

Of the 2,983 cases treated as in-patients at the ENT Hospital in 2019, 772 (24.2%) were for “*acute tonsillitis*”, 434 (14.5%) for “*acute pharyngitis*” and 131 (4.4%) for “*otalgia and effusion of ear*”. Another 7.7% of the in-patients were treated for “*localized swelling mass and lump of skin and subcutaneous tissue mainly of head and neck*”. A total of 975 operations were performed on in-patients at the centre, of which 365 (37.4%) were “*excision on tonsils and adenoids*”.

The number of new cases diagnosed at out-patient specialized clinics in ENT in 2019 was 8,670. *Diseases and conditions of ear* accounted for 3,741 new cases (43.1% of the total new cases diagnosed) followed by *diseases and conditions of nose* for 2,995 (34.5%) and *diseases and conditions of throat* for 1,690 (22.0%). *Tonsillitis (acute or chronic)*, *pharyngitis (acute, chronic or granular)*, *allergic rhinitis*, *sinusitis (acute or chronic)*, *sensorineural deafness*, *epistaxis*, *tinnitus* and *otitis externa* were the most common diseases diagnosed at the centre.

In 2019, the number of reported cases of sexually transmitted infections diagnosed at the skin disease clinic of regional hospitals was 567 (329 males, 238 females). 136 cases of “*gonococcal infections*”, 99 “*venereal warts*”, 315 “*syphilis*” and 17 “*herpes simplex*” were reported.

In 2019, eight Day Care Centres for the immuno-suppressed were operational, namely at the Volcy Pougnet Health Centre, Victoria, SSRN, J.Nehru, Flacq, Mahebourg and Souillac

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hospitals and Yves Cantin Community hospitals. 320 first attendances of HIV/AIDS patients were registered in 2019. 367 persons received the “*Post-HIV Exposure Prophylaxis*” and 6,493 persons were seen for “*voluntary counseling*”.

The leading causes of first attendances at the community hospitals, mediclinics, area and community health centres for the treatment of common diseases and injuries in 2019 were *Upper Respiratory Tract Infection (URTI)* with 18.9%. Other common causes of first attendances were *cough, pain in throat, chest pain, wheezing, hiccough, sneezing* with 7.6% and *fever/pain all over* with 5.9%. Another 5.5% were treated with *superficial injury, open wound, sprain/strain, fractures, burns and other injuries*.

The distribution by ICD chapters shows that 28.2% of first attendances at the above mentioned dispensary service points were due to “*Diseases of Respiratory System*” and 9.4% due to “*Diseases of the musculoskeletal system and connective tissue*”. They were followed by the “*Diseases of digestive system*” with 6.6%, “*Injuries, poisoning and certain other consequences of external causes*” with 4.5% , *Diseases of the Circulatory System* with 2.7% and *Diseases of the eye and adnexa*” with 2.4%.

The leading causes of attendance in 2019 at the community hospitals, medi clinics, area health centres and community health centres, where common diseases and minor injuries are treated, are given below.

	CAUSE- (I.C.D 10)	Male	Female	Total Number
1	Diseases of the respiratory system	280,399	291,870	572,269
2	Diseases of the musculoskeletal system & connective tissues	96,999	94,487	191,486
3	Cough/pain in throat/chest pain/sneezing	77,589	76,468	154,057
4	Diseases of the digestive system	68,406	65,825	134,231
5	Fever/pain all over	59,155	60,783	119,738
6	Injury and poisoning	65,912	50,157	116,069
7	Certain infectious & parasitic diseases	51,196	50,959	102,155
8	Diseases of the skin & subcutaneous tissue	55,340	53,131	108,471
9	Neck pain/ backache	44,166	41,069	85,235
10	Abdominal and epigastric pain	41,877	43,460	85,337

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Of the 2,380 new cases of cancer that were registered by the National Cancer Register in 2018 (1,400 in 2009), the most common types among males were that of *prostate gland* with 19.9%, *skin* with 7.3% and *trachea bronchus and lung* with 6.8%. The main types of cancer among females were that of *breast* (40.1%) followed by that of *Skin* (4.6%), *cervix uteri* (3.8%), and *trachea, bronchus and lungs* (3.8%).

CAUSE OF DEATH

Diabetes mellitus and *Heart diseases* were the first two principal underlying causes of mortality in 2019, with 2,413 (22.1%) and 1,945 (17.8%) deaths respectively; *Cancer and other Neoplasm* of all sites taken together was in the third position with 1,441 (11.8%) deaths. Deaths due to *Cerebrovascular diseases* which amounted to 910 (8.3%) was in the fourth position followed by *Hypertensive Diseases* with 543 deaths (5.9%).

The distribution of deaths by Chapter of the International Classification of Diseases (10th Revision) showed that *Diseases of the Circulatory System* (Chapter IX) were responsible for 31.5% of all deaths in 2019. *Endocrine nutritional and metabolic diseases* (Chapter 1V) with 22.8% were in second place followed by *Neoplasms* (Chapter II) with 13.2%.

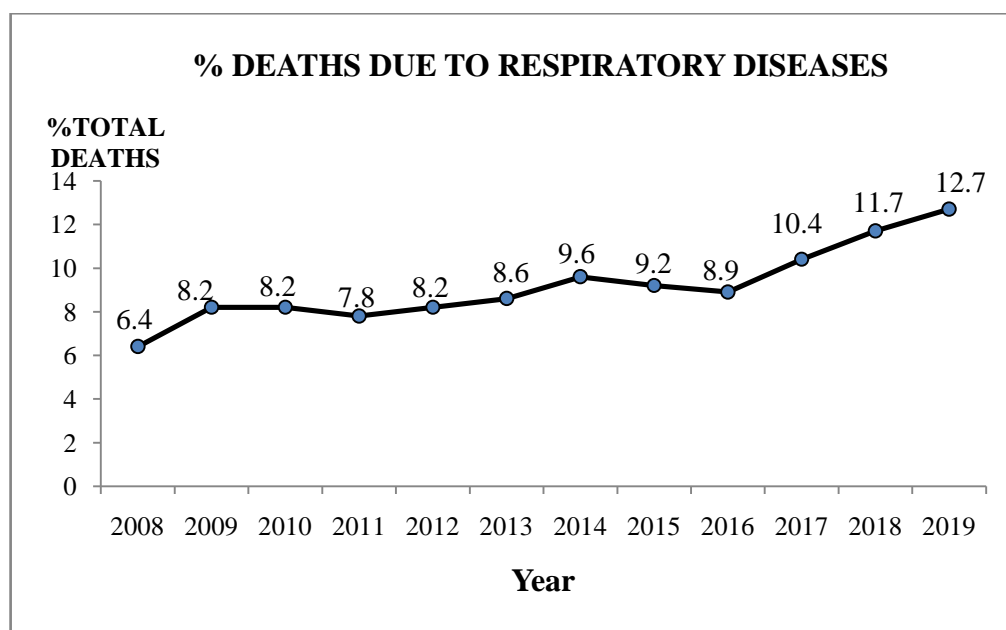
Of the 3,440 deaths due to *Diseases of the Circulatory System* in 2019, 1,945 (56.5%) were due to *Heart diseases*. *Stroke and other Cerebrovascular diseases* accounted for another 910 (26.5%) deaths. 21.5% of the 3,440 deaths occurred among persons aged less than 60 years.

Of the 1,441 deaths due to *Neoplasms* in 2019, the most common types of cancer were that of *trachea, bronchus and lung* and *female breast* with 12.0% and 14.0% respectively, *colon* with 7.8%, *prostate* and *stomach* with 6.5% equally. 41 persons died due to *leukaemia* (2.8%).

Of the 507 deaths due to external causes in 2019, 32.9% were due to *transport accidents*, 20.7% due to *suicides*, 11.0% due to *falls*, 7.10% due to *assaults*, 7.7% due to *accidental drowning and submersion*, and 2.0% due to *exposure to smoke, fire and flames*.

In 2019, a total of 1,388 (12.7%) deaths were attributable to respiratory diseases. The yearly percentages of deaths due to these diseases indicate an increasing trend since 2008 (see chart given below).

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Of all the respiratory conditions causing death in 2018, pneumonia was the main one with 287 deaths (22.9%). 10.1% of deaths due to this infectious respiratory disease occurred among persons aged less than 45 years.

The principal causes of death in the year 2019 are given below:

CAUSES (ICD - 10)		Number of Deaths			
		Male	Female	Total	
				No.	%
1	Diabetes Mellitus	1261	1152	2413	22.1
2	Heart Diseases	1080	865	1945	17.8
3	Cancers and other tumours	719	722	1441	13.2
4	Cerebrovascular Diseases	482	428	910	8.3
5	Diseases of the Respiratory System	719	669	1388	12.7
6	Hypertensive Disease	254	289	543	5.0
7	Injury & Poisoning (Consequences of External Causes)	410	97	507	4.6
8	Certain infectious & parasitic diseases	204	102	306	2.8
9	Cirrhosis of liver, liver abscess, chronic liver disease and its sequelae	155	31	186	1.7
10	Renal failures	26	32	58	0.5

As at the end of 2019, a total of 1,617 Mauritians registered as HIV/AIDS cases were known to have passed away (since 1987). All reported deaths were not due to HIV/AIDS. The number of deaths registered due to HIV as underlying cause of death as stated in the death certificates, which

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was 21 in 2005, had reached 124 in both 2016 and 2017. It has significantly increased from 123 deaths in 2018 to 147 in 2019.

Congenital anomalies with 39 deaths were the principal killers of children under one year in 2019, that is 22.5% of the total (173) followed by Respiratory Distress of Newborn (24) 13.9%, *septicaemia and infections specific to perinatal period* (12.1%). Some other causes of infant deaths were *Pulmonary Haemorage* (10.4%), *slow fetal growth, fetal malnutrition and disorders related to short gestation and low birth weight* 11 (6.4%) and *disseminated intravascular coagulation in newborn with* (6.4%) equally.

8 maternal deaths were registered in 2019. The causes for the year 2015 to 2019 are given below.

Maternal Deaths by cause with age-at-death (years) 2015 - 2019

Causes \ Year:	2015		2016		2017		2018		2019	
	No	Age at death	No	Age at death	No	Age at death	No	Age at death	No	Age at death
Postpartum haemorrhage	-	-	-	-	-	-	1	33	1	40
Antepartum or intrapartum haemorrhage (with coagulation defect)	-	-	-	-	2	34@ 21	1	29	1	42 @
Disruption of obstetric wound and other compl of puerperium	-	-	-	-	-	-	-	-	1	33 @
Complications following abortion	-	-	2	26 19	-	-	-	-	1	41
Eclampsia and other maternal hypertension	2	31 32	2	27@ 23	3	34 40 36	-	-	1	26
Amniotic fluid, pulmonary and other obstetric embolism	-	-	-	-	-	-	-	-	-	-
Sepsis, pyrexia and other puerperal infections	-	-	-	-	-	-	1	24 @	-	-
Diseases of the Circulatory System complicating pregnancy, childbirth and puerperium	-	-	1	30 @	2	29 @ 26	2	27 @ 36	-	-
Placental Disorders	-	-	-	-	-	-	-	-	-	-
Abdominal or ectopic pregnancy	1	32	1	33	1	27	-	-	2	30 32
Diseases of the Resp. System compl. pregnancy, childbirth and puerperium	-	-	-	-	1	31 @	-	-	-	-
Diseases of the digestive System compl. pregnancy, childbirth and puerperium	1	21	-	-	-	-	-	-	1	16
Death from any obstetric cause occurring more than 42 days	-	-	-	-	-	-	-	-	-	-
Infections of genitourinary tract in pregnancy	-	-	-	-	1	17	-	-	-	-
TOTAL	4		6		10		5		8	

@ Caesarian Section done

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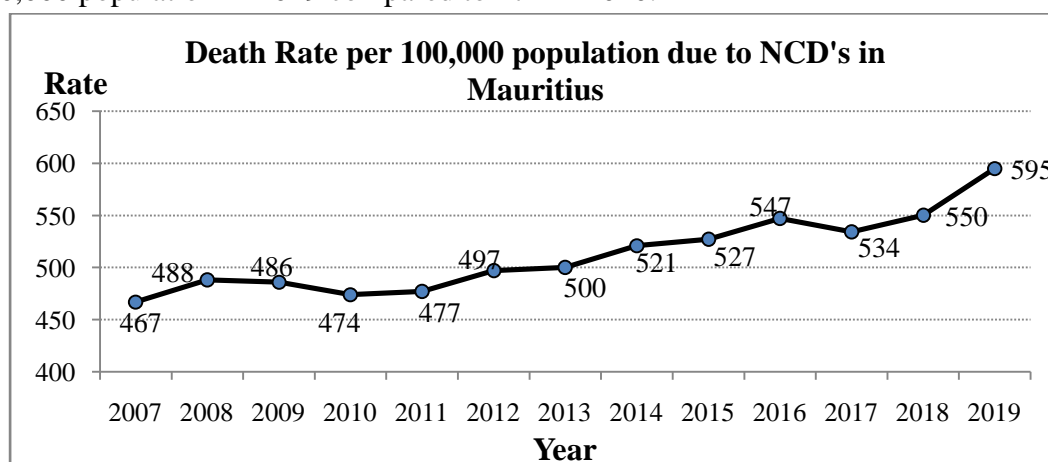
TRENDS IN CAUSE-SPECIFIC MORTALITY

% underlying cause of death over total death registered

Year	ICD-10									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total Deaths	8,891	8,951	9,103	9,231	9,438	9,496	9,920	9,914	10,521	10,911
CAUSE:										
Heart Diseases (%)	18.1	17.2	17.9	17.7	19.3	19.9	19.5	18.7	19.8	17.8
Cerebrovascular Diseases (%)	8.4	8.4	7.5	8.1	7.9	8.6	10	8.2	8.9	8.3
Other Diseases of Circulatory system (%)	5.7	5.5	5.9	5.2	4.6	5	5.7	5.4	6.4	5.4
All Circulatory (%)	32.2	31.1	31.4	31	31.8	33.5	35.2	32.3	35.1	31.5
Diabetes Mellitus(%)	23.6	25.4	26.5	24.6	25.1	24.1	23.5	23.2	20.6	22.1
Total Circulatory and DM (%)	55.8	56.5	57.9	55.6	56.9	57.6	58.7	55.5	55.7	53.6

The above table indicates that mortality due to “*Diabetes Mellitus*” followed a decreasing trend from 26.5% in 2012 to 20.6% in 2018; it went up to 22.1% in 2019. 1,441 persons died due to cancers in 2019. Mortality from this group of diseases has followed an increasing trend from 9.4% of total deaths in 2000 to 13.2% in 2019.

During the last 10 years, an increasing trend has been observed in mortality rates due to main Non Communicable Diseases, namely heart diseases, strokes, diabetes, cancers and chronic respiratory diseases, as depicted by the above chart. Death rate due to these chronic diseases was 595 per 100,000 population in 2019 compared to 474 in 2010.



ISLAND OF MAURITIUS

• **Data relating to Maternal and Child Health Services indicate that:**

- (a) Less than one-third of pregnant women (29%) attending Government Antenatal Care Services do so within the first 3 months of gestation;
- (b) More than one third of the expecting women are found be anaemic at first determination of their haemoglobin level (11% moderate or severe and 26% mild)
- (c) The percentage of low birth weight (<2.5 Kg) is on the increase (from 16.3% in 2017 to 19.9% in 2019)
- (d) The percentage of “premature” among newborns in government hospitals has increased from 5.6% in 2017 to 7.3% in 2019.
- (e) In the period 2015 to 2019, the percentage of deliveries by Caesarian Section has significantly increased from 47.3% to 53.9% in government hospitals and from 54.9% to 62.1% in private clinics.
- (f) Infant Mortality Rate per 1,000 livebirths, which had reached its lowest level in 2016 with 11.6, has increased to 14.3 in 2019.
- (g) Maternal Mortality Ratio per 1,000 livebirths was 0.66 (8 maternal deaths) in 2019 compared to 0.33(4 maternal deaths) in 2015.
- (h) Most normal deliveries are assisted by midwives in government hospitals. In 2019, 94% of such deliveries were assisted by midwives, 5% by Medical and Health officers and 1% by gynaecologists.
- (i) The causes of infant death for the last 5 years are given in the table below:

SELECTED CAUSES OF INFANT DEATHS - 2015 - 2019					
Cause	2015	2016	2017	2018	2019
Acute Bronchitis and Acute Bronchiolitis	3	3	4	3	8
Pneumonia	5	1	0	4	3
Congenital anomalies	31	34	38	28	39
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	8	8	5	10	11
Intrauterine Hypoxia and birth asphyxia	7	11	8	11	3
Septicaemia and infections specific to the perinatal period	21	19	21	21	21
Other septicaemia and bacterial diseases	1	1	0	2	2
Neonatal haemorrhage	9	1	0	2	2
Disseminated intravascular coagulation in newborn	7	4	5	8	11
Sudden Infant Death Syndrome	11	6	1	5	3
Ingestion of food causing suffocation	3	1	2	0	2
Respiratory Distress of Newborn	21	20	25	24	24
Pulmonary Haemorrhage	13	6	10	11	18
All other cases	25	28	29	39	26
TOTAL	165	143	148	168	173

Analysis by cause indicates that most infant deaths are due to congenital anomalies and diseases related to perinatal period, mainly respiratory distress of newborn. The data do not indicate any increase in infant death due to septicaemia and other infections originating in the perinatal period.

Health Indicators - Republic of Mauritius										
	Unit	2011	2012	2013	2014	2015	2016	2017	2018	2019
Infant mortality rate	Per 1,000 Live Births	12.9	13.7	12.1	14.5	13.6	11.8	12.2	14	14.5
Under five mortality rate		15.9	15.7	14.5	16	15.5	13.3	14.3	16.5	16.0
Maternal mortality ratio		0.34	0.62	0.66	0.52	0.47	0.46	0.74	0.39	0.62
Early neonatal mortality rate	Per 1,000 live births	6.5	6.8	6.0	6.1	6.4	5.1	6.7	6.9	7.2
Late neonatal mortality rate		3.3	3.0	3.1	3.4	3.1	2.9	2.2	3.5	3.2
Neonatal mortality rate		9.7	9.8	9.1	9.5	9.5	8.0	8.9	10.4	10.3
Post-neonatal mortality rate		3.1	3.9	3.0	5.0	4.1	3.7	3.3	3.5	4.2
Population per doctor	Number of inhabitants	803	730	616	519	495	441	432	394	385
Population per dentist		4,680	4,178	3,589	3,447	3,323	3,283	3,155	3,079	3,072
Population per hospital bed		280	282	283	284	281	280	279	276	269
% of deaths due to	%									
HIV/AIDS		1.2	1.1	1.1	1.1	0.9	1.2	1.2	1.1	1.3
Tuberculosis		0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.2
Diseases of the Circulatory System		31.2	31.4	31.2	31.9	33.6	35.4	32.3	35.3	31.6
Diabetes		25.3	26.3	24.5	24.9	24.0	23.2	23.1	20.5	22.0
Neoplasms		11.4	12.4	13.4	12.6	13.3	12.7	13.8	12.8	13.3
Death rate due to road traffic injury	Per 100,000 Mid Year Population	14.7	13.6	11.4	12.8	13.3	13.1	13.5	13.3	13.4
Death rate due to suicides		9.7	9.2	7.9	10	8.4	8.4	8.7	8.5	9.6
Life expectancy at birth:	Average number of years									*
Male		70.4	70.7	71	71.1	71.2	71.3	71.3	71.1	71.0
Female		77.5	77.7	77.6	77.8	77.9	77.9	77.7	77.6	77.6
Both Sexes		73.9	74.1	74.2	74.4	74.5	74.6	74.5	74.4	74.2

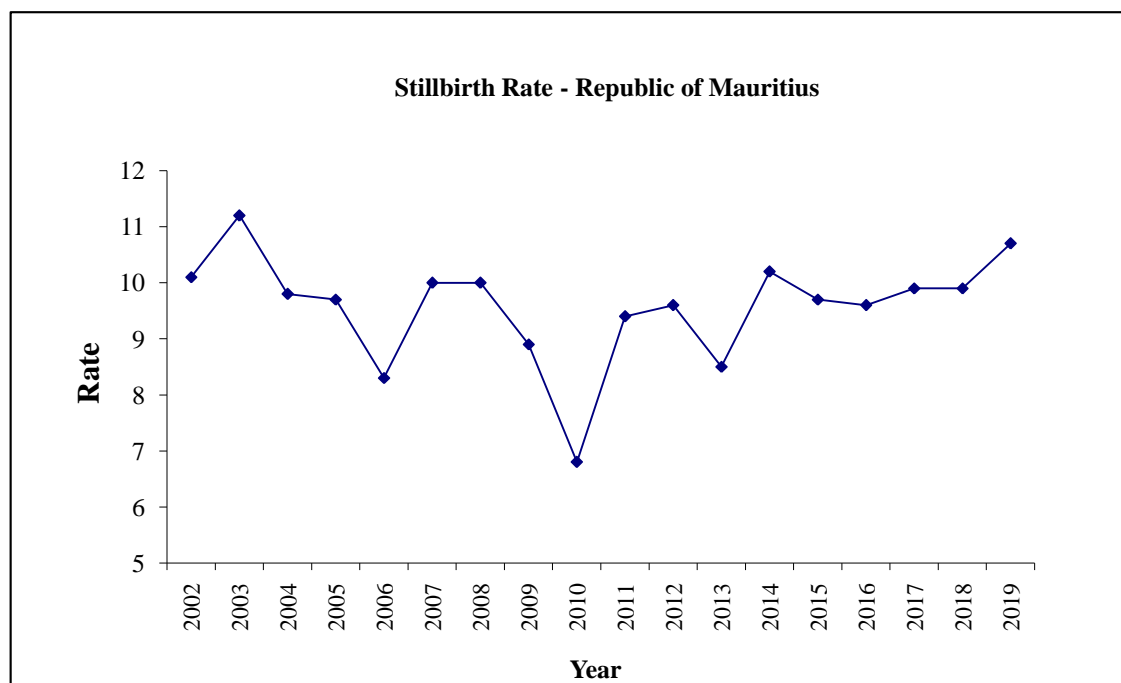
* Provisional

STATISTICS RELATING TO STILLBIRTHS 2002 – 2019

YEAR	ISLAND OF MAURITIUS		ISLAND OF RODRIGUES		REPUBLIC OF MAURITIUS*	
	No. of Stillbirths	Stillbirth Rate #	No. of Stillbirths	Stillbirth Rate #	No. of Stillbirths	Stillbirth Rate #
2002	197	10.2	6	7.3	203	10.1
2003	205	10.9	15	17.9	220	11.2
2004	167	9.1	24	24.8	191	9.8
2005	173	9.6	12	13.2	185	9.7
2006	135	8.0	12	13.4	147	8.3
2007	157	9.6	15	17.5	172	10.0
2008	159	10.1	6	7.6	165	10.0
2009	133	9.0	5	6.9	138	8.9
2010	95	6.6	8	11.1	103	6.8
2011	136	9.6	3	4.3	139	9.4
2012	132	9.5	8	10.9	140	9.6
2013	114	8.7	3	4.3	117	8.5
2014	130	10.1	8	11.5	138	10.2
2015	118	9.7	7	10.2	125	9.7
2016	117	9.4	10	13.1	127	9.6
2017	128	10.0	7	8.6	135	9.9
2018	123	10.0	7	9.1	130	9.9
2019	131	10.7	8	9.8	139	10.7

*excluding the outer islands

per thousand total live births and stillbirths

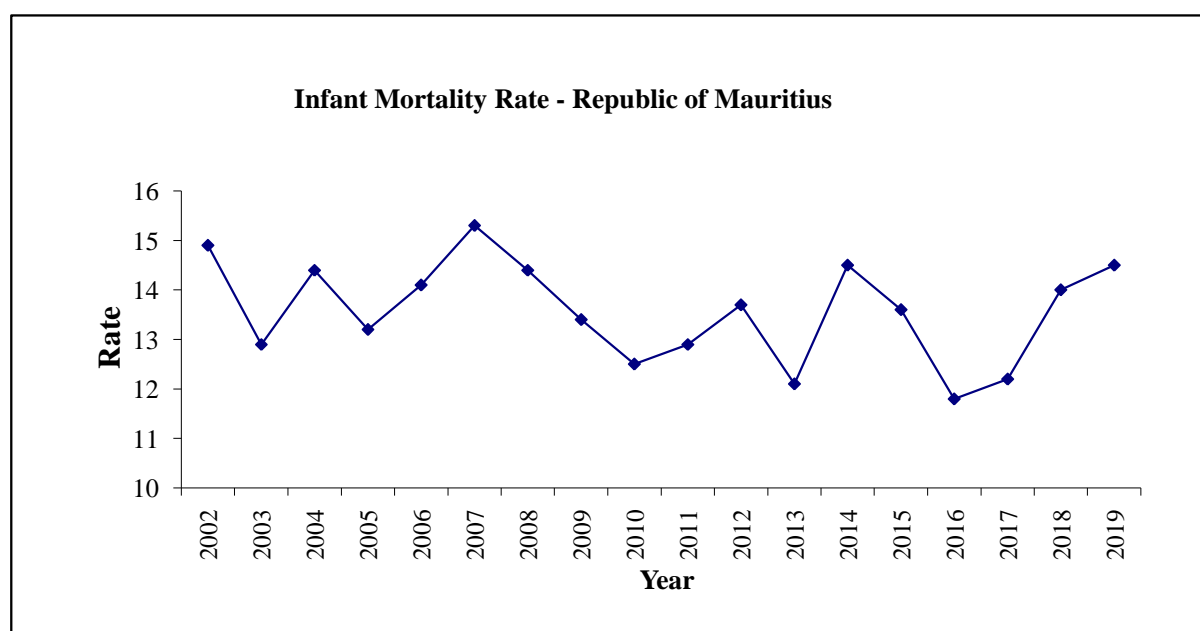


INFANT MORTALITY STATISTICS 2002- 2019

YEAR	ISLAND OF MAURITIUS		ISLAND OF RODRIGUES		REPUBLIC OF MAURITIUS*	
	No. of Infant Deaths	Infant Mortality Rate @	No. of Infant Deaths	Infant Mortality Rate @	No. of Infant Deaths	Infant Mortality Rate @
2002	278	14.5	19	22.9	297	14.9
2003	230	12.4	20	24.2	250	12.9
2004	256	14	21	22.2	277	14.4
2005	237	13.2	11	12.3	248	13.2
2006	225	13.5	24	27.2	249	14.1
2007	248	15.3	13	15.4	261	15.3
2008	223	14.3	13	16.6	236	14.4
2009	195	13.3	10	13.9	205	13.4
2010	177	12.4	10	14	187	12.5
2011	177	12.6	12	17.2	189	12.9
2012	184	13.4	15	20.6	199	13.7
2013	159	12.2	6	8.5	165	12.1
2014	179	14.1	15	21.8	194	14.5
2015	165	13.7	8	11.7	173	13.6
2016	143	11.6	11	14.6	154	11.8
2017	148	11.7	16	19.8	164	12.2
2018	168	13.8	13	17.0	181	14.0
2019	173	14.3	14	17.4	187	14.5

*excluding the outer islands

@ per thousand live births

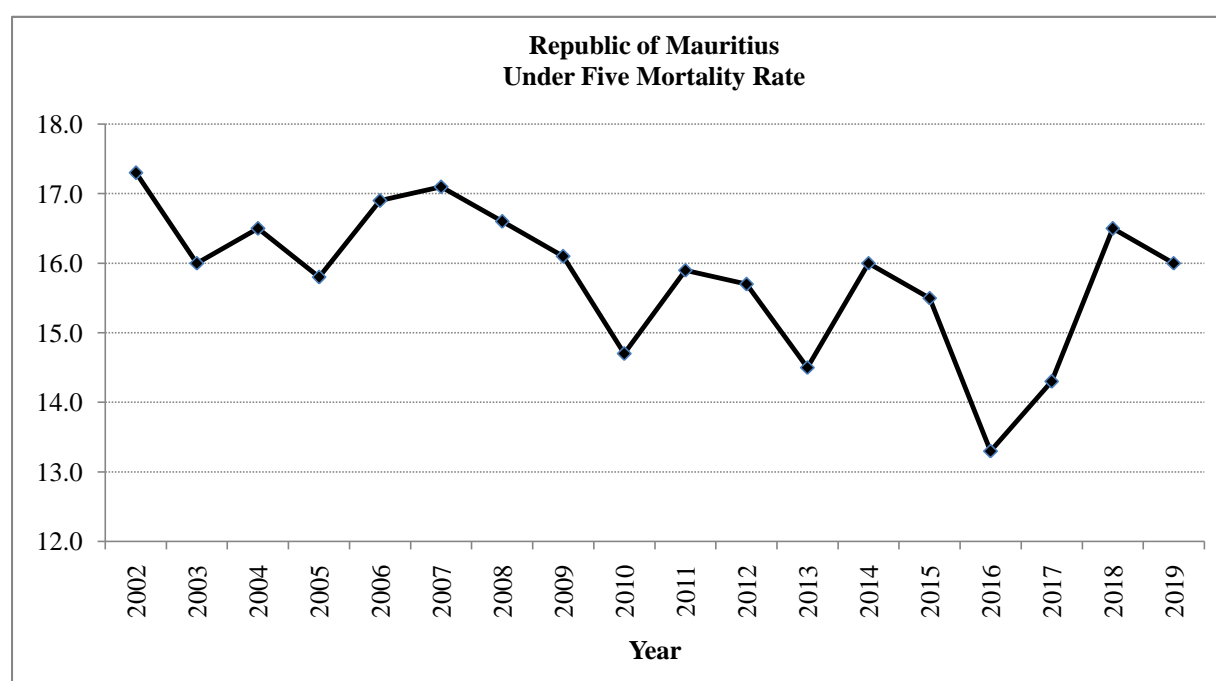


UNDER 5 MORTALITY STATISTICS 2002 – 2019

YEAR	ISLAND OF MAURITIUS		ISLAND OF RODRIGUES		REPUBLIC OF MAURITIUS*	
	No. of Under five Deaths	Under five Mortality Rate @	No. of Under five Deaths	Under five Mortality Rate @	No. of Under five Deaths	Under five Mortality Rate @
2002	321	16.7	25	30.7	346	17.3
2003	285	15.4	24	29.1	309	16.0
2004	294	16.1	23	24.4	317	16.5
2005	285	15.9	13	14.5	298	15.8
2006	270	16.1	28	31.8	298	16.9
2007	279	17.2	13	15.4	292	17.1
2008	256	16.4	15	19.2	271	16.6
2009	237	16.2	10	13.9	247	16.1
2010	209	14.6	12	16.8	221	14.7
2011	219	15.6	15	21.5	234	15.9
2012	211	15.3	17	23.4	228	15.7
2013	189	14.6	9	12.8	198	14.5
2014	198	15.6	16	23.3	214	16.0
2015	187	15.5	10	14.7	197	15.5
2016	163	13.2	11	14.6	174	13.3
2017	176	13.9	17	21.0	193	14.3
2018	199	16.3	15	19.7	214	16.5
2019	190	15.8	16	19.9	206	16.0

*excluding the outer islands

@ per thousand live births

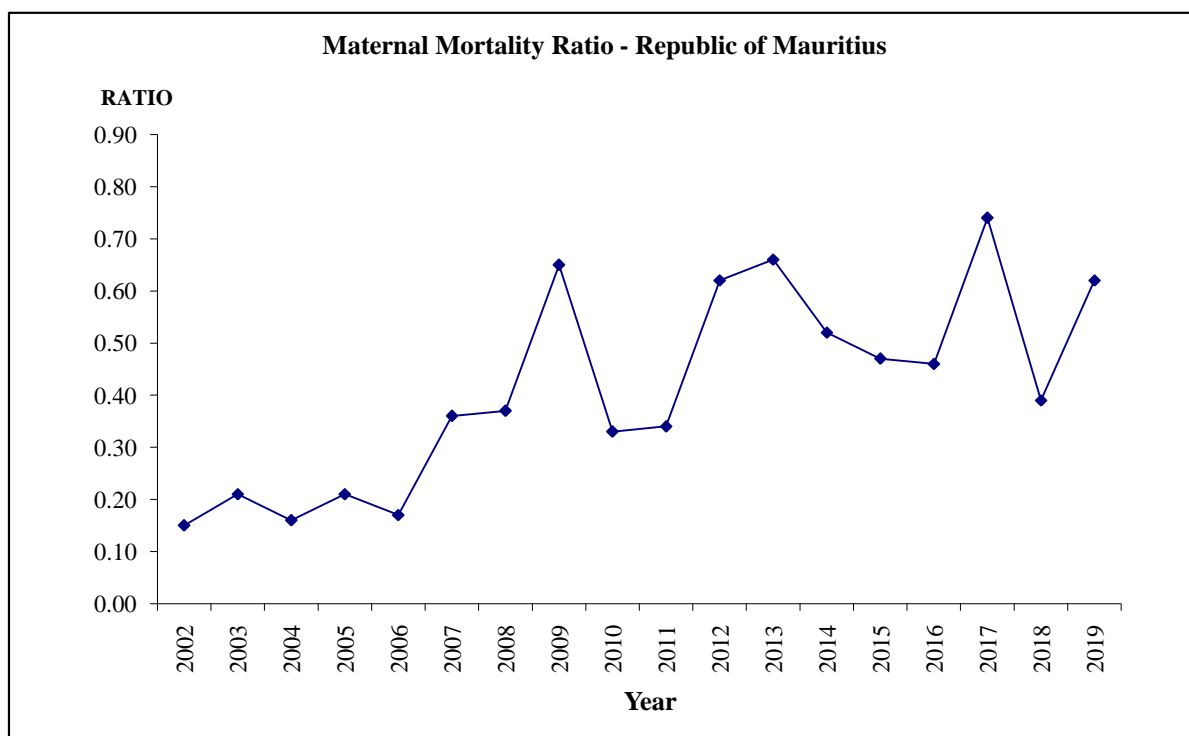


MATERNAL MORTALITY STATISTICS 2002-2019

YEAR	ISLAND OF MAURITIUS		ISLAND OF RODRIGUES		REPUBLIC OF MAURITIUS[@]	
	<u>No.of Maternal Deaths</u>	<u>Maternal Mortality ratio *</u>	<u>No.of Maternal Deaths</u>	<u>Maternal Mortality ratio *</u>	<u>No.of Maternal Deaths</u>	<u>Maternal Mortality ratio *</u>
2002	1	0.05	2	2.50	3	0.15
2003	4	0.22	-	-	4	0.21
2004	3	0.16	-	-	3	0.16
2005	4	0.22	-	-	4	0.21
2006	3	0.18	-	-	3	0.17
2007	6	0.37	-	-	6	0.36
2008	6	0.38	-	-	6	0.37
2009	10	0.68	-	-	10	0.65
2010	4	0.28	1	1.4	5	0.33
2011	5	0.36	-	-	5	0.34
2012	9	0.65	-	-	9	0.62
2013	9	0.69	-	-	9	0.66
2014	7	0.55	-	-	7	0.52
2015	4	0.33	2	2.9	6	0.47
2016	6	0.49	-	-	6	0.46
2017	10	0.79	-	-	10	0.74
2018	5	0.41	-	-	5	0.39
2019	8	0.66	-	-	8	0.62

* per 1,000 live births

@ excluding the outer islands

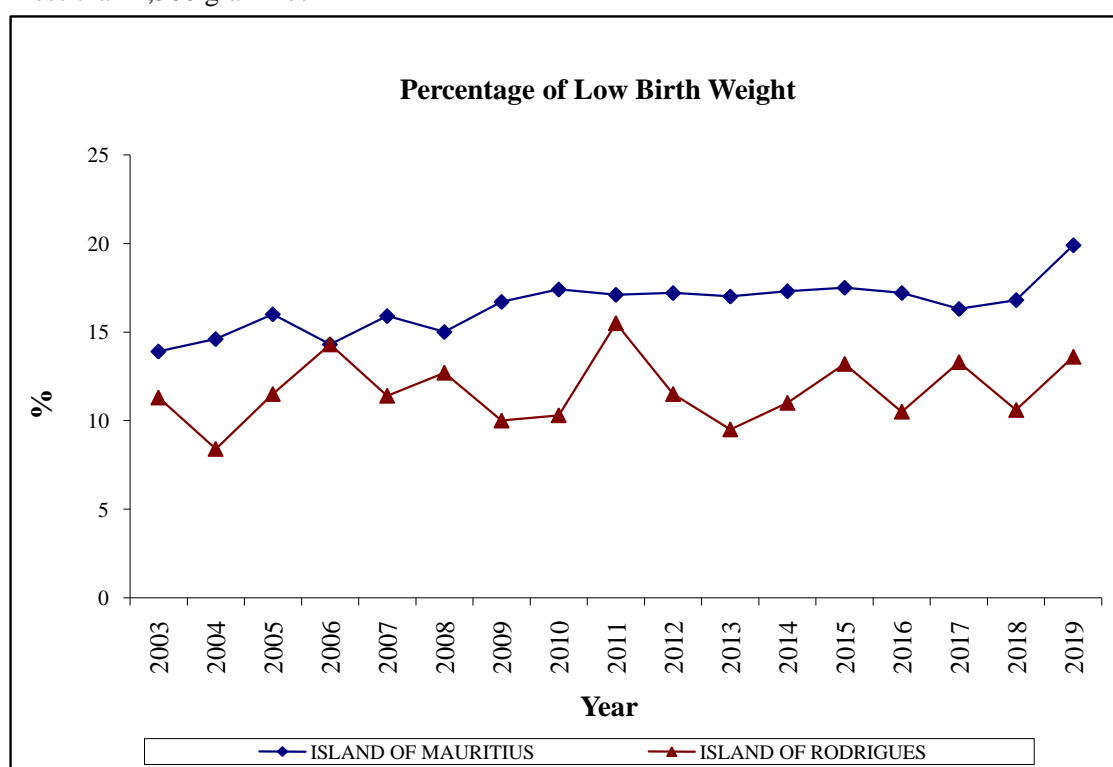


LOW BIRTH WEIGHT * (as a percentage of live births with known birthweight) 2003-2019

<u>YEAR</u>	ISLAND OF MAURITIUS	ISLAND OF RODRIGUES	REPUBLIC OF MAURITIUS[@]
2003	13.9	11.3	13.8
2004	14.6	8.4	14.3
2005	16.0	11.5	15.8
2006	14.3	14.3	14.3
2007	15.9	11.4	15.7
2008	15.0	12.7	14.9
2009	16.7	10.0	16.4
2010	17.4	10.3	17.1
2011	17.1	15.5	17.0
2012	17.2	11.5	17.0
2013	17.0	9.5	16.7
2014	17.3	11.0	16.9
2015	17.5	13.2	17.3
2016	17.2	10.5	16.9
2017	16.3	13.3	16.1
2018	16.8	10.6	16.5
2019	19.9	13.6	19.6

@ - excluding the outer islands

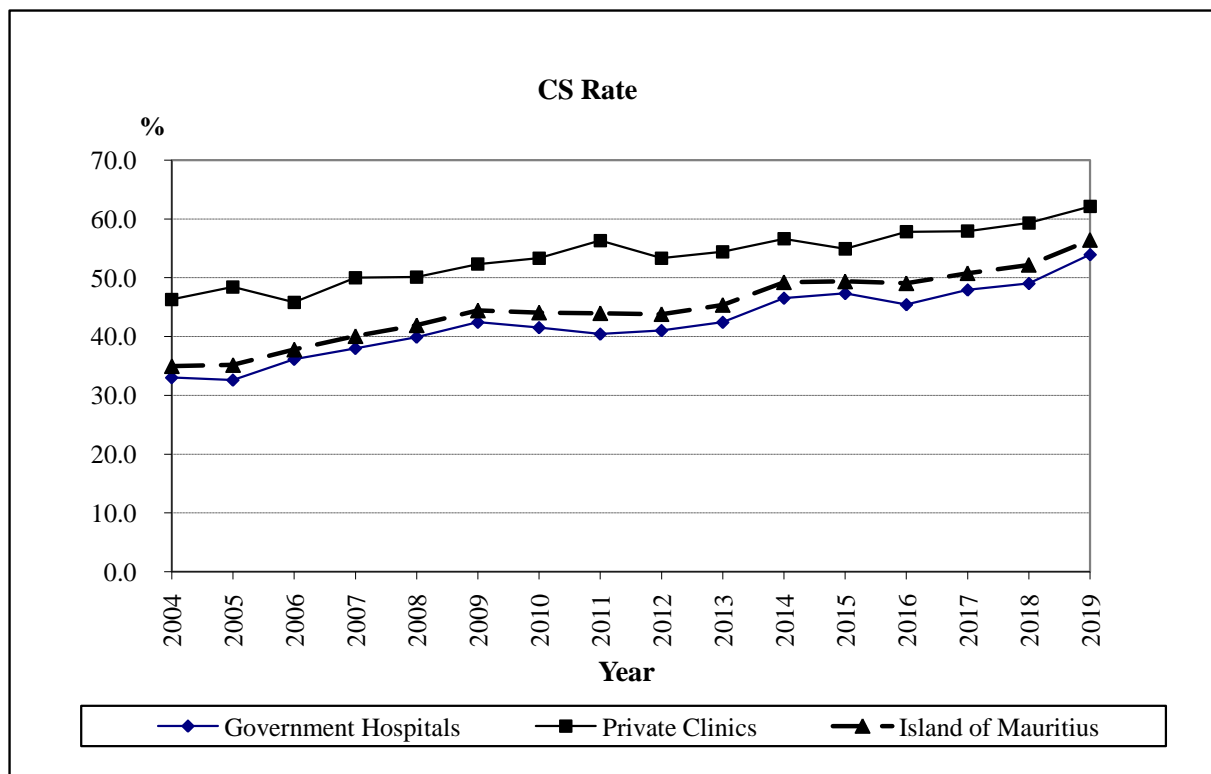
* - less than 2,500 grammes



Island of Mauritius

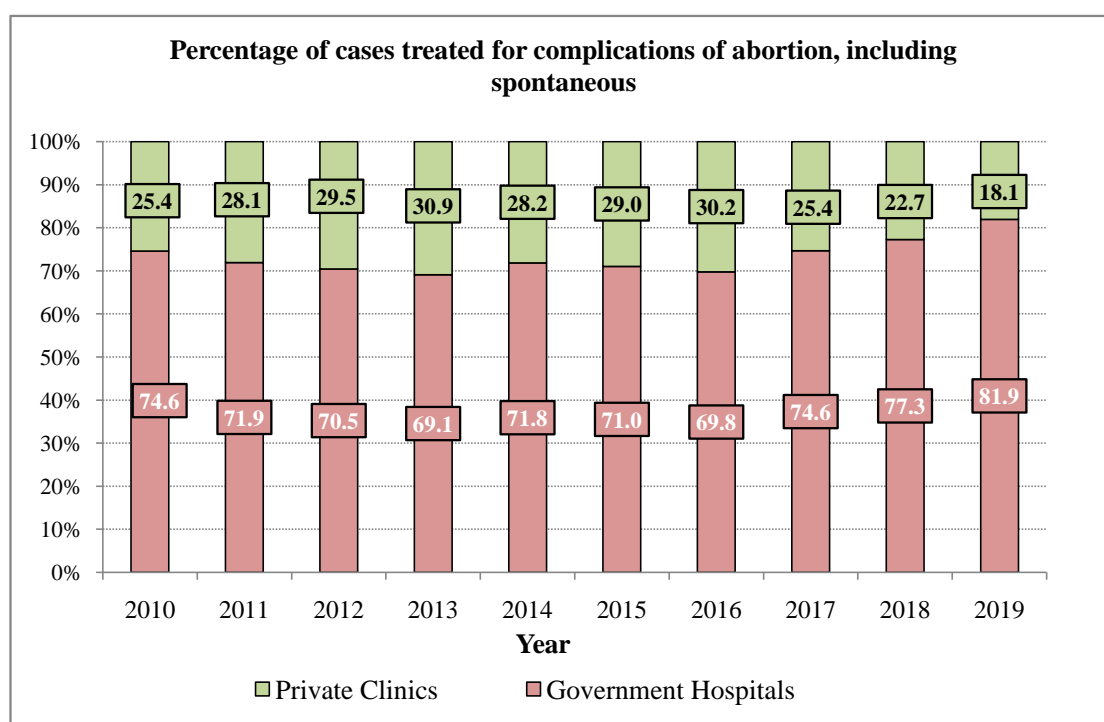
Statistics on Caesarian Section (CS)

Year	Government Hospitals		Private Clinics		Island of Mauritius	
	Number of CS	% CS on total deliveries	Number of CS	% CS on total deliveries	Number of CS	% CS on total deliveries
2004	5,117	33.0	1,223	46.3	6,340	34.9
2005	4,851	32.6	1,379	48.4	6,230	35.1
2006	4,953	36.1	1,282	45.8	6,235	37.8
2007	5,071	38.0	1,384	50.0	6,455	40.0
2008	4,984	39.9	1,527	50.1	6,511	41.9
2009	4,919	42.4	1,552	52.3	6,471	44.4
2010	4,633	41.5	1,636	53.3	6,269	44.1
2011	4,399	40.4	1,745	56.3	6,144	43.9
2012	4,367	41.0	1,633	53.3	6,000	43.8
2013	4,110	42.4	1,685	54.4	5,795	45.3
2014	4,324	46.5	1,950	56.6	6,274	49.2
2015	4,125	47.3	1,795	54.9	5,920	49.3
2016	3,970	45.4	2,085	57.8	6,055	49.0
2017	4,309	47.9	2,113	57.9	6,422	50.7
2018	4,165	49.0	2,207	59.3	6,372	52.2
2019	4,519	53.9	2,278	62.1	6,797	56.4



Cases treated for complications following abortion, including spontaneous

Year	Government Hospitals	Private Clinics	Total
2010	1,412	481	1,893
2011	1,331	519	1,850
2012	1,293	542	1,835
2013	1,104	494	1,598
2014	1,276	501	1,777
2015	1,260	514	1,774
2016	1,125	487	1,612
2017	1,039	353	1,392
2018	969	285	1,254
2019	1,079	238	1,317



ISLAND OF MAURITIUS
CASES TREATED AS IN-PATIENTS IN GOVERNMENT GENERAL HOSPITALS DUE TO
SOME SELECTED DISEASES

Disease / Year	Diabetes Mellitus			Hypertensive Disease		
	Male	Female	Total	Male	Female	Total
2004	3,318	3,829	7,147	1,812	2,440	4,252
2005	3,482	4,038	7,520	1,832	2,394	4,226
2006	3,063	3,843	6,906	1,723	2,400	4,123
2007	2,476	2,911	5,387	2,235	3,441	5,676
2008	3,009	3,506	6,515	2,398	3,336	5,734
2009	3,650	4,224	7,874	1,852	2,601	4,453
2010	3,162	3,702	6,864	1,696	2,345	4,041
2011	3,439	3,755	7,194	1,912	2,794	4,706
2012	3,533	3,642	7,175	1,742	2,724	4,466
2013	3,281	3,521	6,802	1,499	2,398	3,897
2014	2,792	2,785	5,577	1,404	2,344	3,748
2015	2,756	2,657	5,413	1,552	2,411	3,963
2016	2,647	2,424	5,071	1,705	2,448	4,153
2017	2,651	2,660	5,311	1,640	2,446	4,086
2018	2,412	2,152	4,564	1,450	1,990	3,440
2019	2,115	2,040	4,155	1,453	2,161	3,614

Disease / Year	Gastro-Enteritis			Bronchial Asthma		
	Male	Female	Total	Male	Female	Total
2004	2,815	3,037	5,852	1,453	1,689	3,142
2005	2,420	2,734	5,154	1,507	1,668	3,175
2006	3,843	4,100	7,943	1,613	1,577	3,190
2007	3,079	3,245	6,324	1,650	1,693	3,343
2008	3,490	3,756	7,246	1,299	1,469	2,768
2009	2,509	2,967	5,476	1,282	1,387	2,669
2010	2,698	3,200	5,898	1,211	1,354	2,565
2011	3,161	3,978	7,139	1,238	1,518	2,756
2012	2,416	3,245	5,661	1,098	1,404	2,502
2013	3,358	4,162	7,520	1,059	1,431	2,490
2014	2,622	3,314	5,936	1,020	1,356	2,376
2015	2,510	3,345	5,855	1,061	1,305	2,366
2016	2,315	3,111	5,426	835	1,246	2,081
2017	1,764	2,384	4,148	859	1,128	1,987
2018	1,893	2,602	4,495	772	1,288	2,060
2019	1,767	2,686	4,453	835	1,285	2,120

ISLAND OF MAURITIUS

**FIRST ATTENDANCES FOR THE TREATMENT OF SOME SELECTED DISEASES AT
THE COMMUNITY HOSPITALS, MEDI-CLINICS, AREA HEALTH CENTRES AND
COMMUNITY HEALTH CENTRES**

Disease / Year	Gastro-Enteritis			Disease of the Respiratory System *		
	Male	Female	Total	Male	Female	Total
2004	29,333	30,663	59,996	178,608	189,064	367,672
2005	29,686	32,045	61,731	183,640	197,766	381,406
2006	32,905	33,700	66,605	181,462	194,913	376,375
2007	29,490	30,955	60,445	184,487	198,061	382,548
2008	33,036	34,576	67,612	212,454	229,970	442,424
2009	27,102	28,536	55,638	247,318	270,233	517,551
2010	28,834	30,171	59,005	223,242	244,812	468,054
2011	30,685	32,108	62,793	260,946	285,527	546,473
2012	29,901	30,347	60,248	274,605	296,318	570,923
2013	31,351	31,476	62,827	280,934	299,685	580,619
2014	30,586	30,135	60,721	283,936	299,720	583,656
2015	37,781	38,909	76,690	272,745	289,430	562,175
2016	34,724	35,368	70,092	308,894	327,747	636,641
2017	39,528	40,261	79,789	311,044	323,619	634,663
2018	41,108	41,906	83,014	317,405	337,326	654,731
2019	42,165	40,893	83,058	280,399	291,870	572,269

* figures for 2011 onwards based on URTI Surveillance data

Disease / Year	Diabetes Mellitus			Hypertension		
	Male	Female	Total	Male	Female	Total
2004	9,137	9,812	18,949	10,818	11,789	22,607
2005	11,717	12,654	24,371	13,006	14,336	27,342
2006	12,311	12,845	25,156	14,296	15,168	29,464
2007	8,238	9,098	17,336	9,283	10,312	19,595
2008	8,297	8,992	17,289	9,290	9,440	18,730
2009	6,529	7,332	13,861	7,486	8,134	15,620
2010	7,159	7,689	14,848	7,621	8,034	15,655
2011	7,589	8,279	15,868	8,586	9,189	17,775
2012	8,104	9,053	17,157	9,736	10,780	20,516
2013	9,191	9,698	18,889	11,332	11,832	23,164
2014	9,256	10,129	19,385	11,432	12,033	23,465
2015	9,360	9,957	19,317	11,144	11,484	22,628
2016	9,314	9,180	18,494	10,271	10,792	21,063
2017	10,509	10,771	21,280	12,423	12,096	24,519
2018	12,985	13,581	26,566	14,513	14,243	28,756
2019	16,349	16,320	32,669	17,447	16,680	34,127

REPUBLIC OF MAURITIUS
INCIDENCE OF SOME COMMUNICABLE DISEASES (REPORTED CASES)

	Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
HIV/AIDS (MAURITIANS)	Number	542	546	538	548	568	401	320	260	322	262	319	368	382	374
	<i>Incidence Rate *</i>	<i>43.9</i>	<i>44.0</i>	<i>43.2</i>	<i>43.9</i>	<i>45.4</i>	<i>32.0</i>	<i>25.5</i>	<i>20.7</i>	<i>25.5</i>	<i>20.8</i>	<i>25.2</i>	<i>29.1</i>	<i>30.2</i>	<i>29.5</i>
# MALARIA	Number	38	42	27	23	52	54	33	49	20	32	25	28	41	41
	<i>Incidence Rate *</i>	<i>3.1</i>	<i>3.4</i>	<i>2.2</i>	<i>1.8</i>	<i>4.2</i>	<i>4.3</i>	<i>2.6</i>	<i>3.9</i>	<i>1.6</i>	<i>2.5</i>	<i>2.0</i>	<i>2.2</i>	<i>3.2</i>	<i>3.2</i>
@ PULMONARY TUBERCULOSIS	Number	111	108	106	113	117	113	128	122	119	128	118	119	123	116
	<i>Incidence Rate *</i>	<i>9.0</i>	<i>8.7</i>	<i>8.5</i>	<i>9.1</i>	<i>9.4</i>	<i>9.0</i>	<i>10.2</i>	<i>9.7</i>	<i>9.4</i>	<i>10.1</i>	<i>9.3</i>	<i>9.4</i>	<i>9.7</i>	<i>9.2</i>
FOOD POISONING	Number	78	766	129	718	156	445	264	390	169	82	147	208	65	83
	<i>Incidence Rate *</i>	<i>6.3</i>	<i>61.8</i>	<i>10.4</i>	<i>57.6</i>	<i>12.5</i>	<i>35.5</i>	<i>21.0</i>	<i>31.0</i>	<i>13.4</i>	<i>6.5</i>	<i>11.6</i>	<i>16.4</i>	<i>5.1</i>	<i>6.6</i>

* per 100,000 mid-year population

all imported/introduced cases

@ including non – Mauritians

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ISLAND OF MAURITIUS
MORTALITY DUE TO MAIN NON-COMMUNICABLE DISEASES

Underlying cause of death:	NUMBER OF DEATHS REGISTERED IN WHOLE ISLAND													
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
DIABETES MELLITUS	2,018	1,878	2,004	2,046	2,097	2,277	2,416	2,267	2,369	2,285	2,329	2,305	2,166	2,413
HEART DISEASES	1,934	1,762	1,724	1,705	1,611	1,545	1,626	1,630	1,823	1,891	1,934	1,850	2,080	1,945
CEREBROVASCULAR DISEASES	832	769	838	757	744	750	687	745	742	813	993	809	934	911
HYPERTENSIVE DISEASES	395	469	490	528	466	453	497	440	399	443	509	505	643	543
RENAL FAILURE	187	116	123	141	158	171	123	159	60	72	67	62	50	58
CANCER	914	936	1,049	1,085	1,033	1,022	1,159	1,233	1,186	1,263	1,265	1,371	1,351	1,441
CHRONIC RESPIRATORY DISEASES	237	195	205	236	239	190	199	214	230	175	159	194	197	192

REPUBLIC OF MAURITIUS

Estimated resident population by sex, 31 December 2019

Island	Both Sexes	Male	Female	Density per Km
Island of Mauritius	1,221,663	604,499	617,164	654
Island of Rodrigues	43,538	21,349	22,189	396
Agalega & St.Brandon	274	174	100	10
Republic of Mauritius	1,265,475	626,022	639,453	631
		49.5%	50.5%	

Estimated resident population^{1/} by broad age group and sex

Age group (Years)	1st July 2019		
	Male	Female	B. Sexes
0	6,605	6,365	12,970
1 - 4	26,359	25,160	51,519
5 - 9	36,111	35,125	71,236
10 - 14	43,349	42,074	85,423
15 - 19	49,436	47,808	97,244
20 - 29	97,895	95,683	193,578
30 - 39	90,796	88,601	179,397
40 - 49	88,736	86,268	175,004
50 - 59	88,501	90,389	178,890
60-64	35,777	38,717	74,494
65+	62,602	83,354	145,956
All ages	626,167	639,544	1,265,711

^{1/} based on 2011 population census data adjusted for underenumeration of children and excluding Agalega and St Brandon

ISLAND OF MAURITIUS

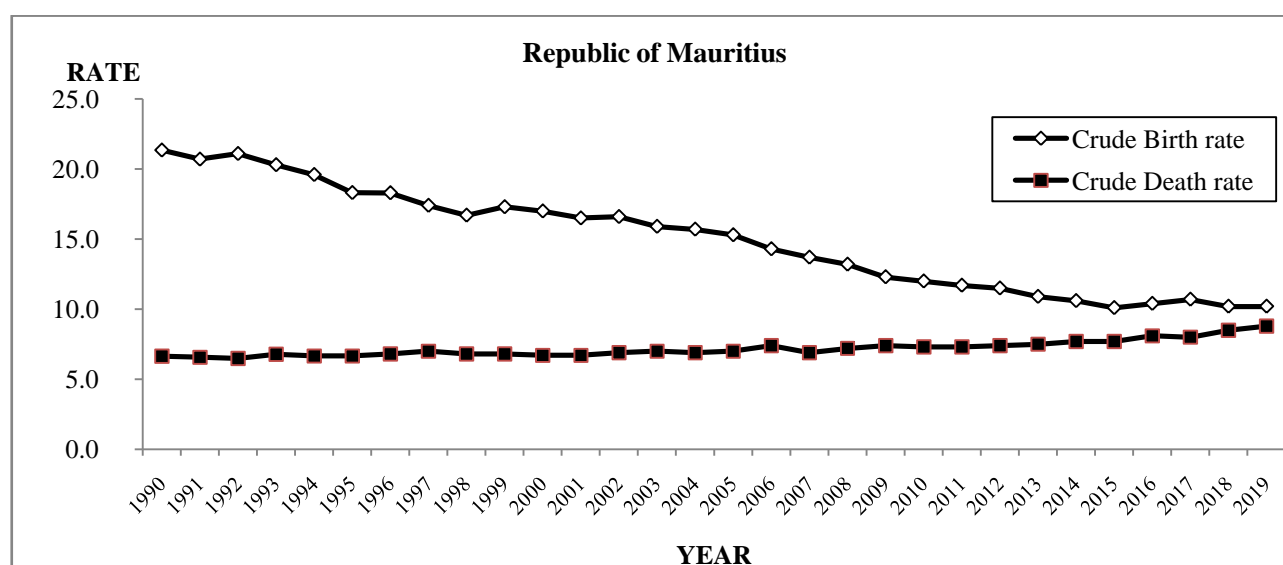
POPULATION AND VITAL STATISTICS 2001-2019

Year	Estimated mid year population	No of livebirths	Crude Birth Rate	No of deaths	Crude Death Rate	Estimated end of year population
2001	1,160,083	18,884	16.3	7,761	6.7	1,164,040
2002	1,167,995	19,169	16.4	8,081	6.9	1,172,159
2003	1,176,323	18,518	15.7	8,310	7.1	1,179,929
2004	1,183,533	18,285	15.4	8,259	7.0	1,186,948
2005	1,190,361	17,924	15.1	8,422	7.1	1,193,019
2006	1,195,676	16,723	14.0	8,917	7.5	1,198,282
2007	1,200,887	16,190	13.5	8,323	6.9	1,202,922
2008	1,204,955	15,590	12.9	8,798	7.3	1,206,399
2009	1,207,842	14,623	12.1	8,987	7.4	1,209,117
2010	1,210,391	14,291	11.8	8,891	7.3	1,211,181
2011	1,211,970	14,002	11.6	8,951	7.4	1,213,202
2012	1,214,987	13,766	11.3	9,103	7.5	1,216,133
2013	1,217,341	12,986	10.7	9,231	7.6	1,218,060
2014	1,219,265	12,727	10.4	9,438	7.7	1,219,659
2015	1,220,663	12,057	9.9	9,496	7.8	1,220,530
2016	1,221,213	12,330	10.1	9,920	8.1	1,221,150
2017	1,221,975	12,671	10.4	9,914	8.1	1,222,217
2018	1,222,268	12,202	10.0	10,521	8.6	1,222,208
2019	1,222,340	12,056	9.9	10,911	8.9	1,221,663

Live births registered and crude birth rate

Island	Number of live births registered		Crude birth rate	
	2018	2019	2018	2019
Island of Mauritius	12,202	12,056	10.0	9.9
Island of Rodrigues	763	806	17.7	18.6
Republic of Mauritius	12,965	12,862	10.2	10.2

The number of live births was constantly decreasing in Mauritius. A total of 22,602 live births were registered in 1990 with a CBR of 21.3 per 1,000 population compared to 17.0 in 2000 and 10.1 in 2015 when 12,738 live births were registered. In 2016 and 2017, there was a reverse in the decreasing trend, with a CBR of 10.4 and 10.7 respectively. However, in 2018, the CBR went down to 10.2 with 12,965 live births. In 2019, a total of 12,862 live births has been registered with a CBR of 10.2 as in 2018.



Deaths and crude death rate

Island	Number of deaths registered		Crude death rate	
	2018	2019	2018	2019
Island of Mauritius	10,521	10,911	8.6	8.9
Island of Rodrigues	266	263	6.2	6.1
Republic of Mauritius	10,787	11,174	8.5	8.8

An increasing trend has been observed in mortality during the recent years. In 1990, a total of 7,031 deaths were registered with a CDR of 6.6 per 1,000 population compared to 8.0 in 2017 when 10,140 deaths were registered. In 2019, a total of 11,174 deaths were registered compared to 10,787 in 2018 with a significant increase in CDR from 8.5 to 8.8.

Republic of Mauritius

Population Growth rate between 2018 and 2019 = -0.01% (*negative*)

% Population aged less than 15 years = 17.5%

% Population aged 60 years and over = 17.4%

% Population aged 65 years and over = 11.5%

ISLAND OF MAURITIUS

STILLBIRTHS, PERINATAL, NEONATAL AND INFANT DEATHS 1994-2019

YEAR	STILLBIRTHS		EARLY NEO-NATAL DEATHS		PERINATAL DEATHS		LATE NEO-NATAL DEATHS		NEONATAL DEATHS		POST-NEONATAL DEATHS		INFANT DEATHS	
	NUMBER	RATE @	NUMBER	RATE +	NUMBER	RATE @	NUMBER	RATE +	NUMBER	RATE +	NUMBER	RATE +	NUMBER	RATE +
1994	271	12.7	240	11.4	511	24.0	43	2.0	283	13.4	96	4.6	379	18.0
1995	297	14.8	243	12.3	540	26.8	53	2.7	296	14.9	92	4.6	388	19.6
1996	264	13.0	277	13.8	541	26.6	52	2.6	329	16.4	116	5.8	445	22.2
1997	253	12.9	265	13.7	518	26.5	49	2.5	314	16.2	79	4.1	393	20.3
1998	221	11.7	225	12.0	446	23.5	52	2.8	277	14.8	87	4.6	364	19.4
1999	219	11.1	200	10.2	419	21.2	75	3.9	275	14.1	100	5.1	375	19.2
2000	263	13.4	171	8.8	434	22.1	70	3.6	241	12.4	65	3.4	306	15.8
2001	234	12.2	146	7.7	380	19.9	48	2.5	194	10.2	69	3.7	263	13.9
2002	197	10.2	164	8.6	361	18.6	33	1.7	197	10.3	81	4.2	278	14.5
2003	205	10.9	123	6.6	328	17.5	44	2.4	167	9.0	63	3.4	230	12.4
2004	167	9.1	137	7.5	304	16.5	52	2.8	189	10.3	67	3.7	256	14.0
2005	173	9.6	123	6.9	296	16.4	58	3.2	181	10.1	56	3.1	237	13.2
2006	135	8.0	112	6.7	247	14.7	56	3.3	168	10.0	57	3.4	225	13.5
2007	157	9.6	132	8.2	289	17.7	44	2.7	176	10.9	72	4.4	248	15.3
2008	159	10.1	106	6.8	265	16.8	37	2.4	143	9.2	80	5.1	223	14.3
2009	133	9.0	93	6.4	226	15.3	42	2.9	135	9.2	60	4.1	195	13.3
2010	95	6.6	89	6.2	184	12.8	32	2.2	121	8.5	56	3.9	177	12.4
2011	136	9.6	85	6.1	221	15.6	47	3.4	132	9.4	45	3.2	177	12.6
2012	132	9.5	93	6.8	225	16.2	41	3.0	134	9.7	50	3.6	184	13.4
2013	114	8.7	80	6.2	194	14.8	42	3.2	122	9.4	37	2.8	159	12.2
2014	130	10.1	73	5.7	203	15.8	45	3.5	118	9.3	61	4.8	179	14.1
2015	118	9.7	78	6.5	196	16.1	37	3.1	115	9.5	50	4.1	165	13.7
2016	117	9.4	60	4.9	177	14.2	34	2.8	94	7.6	49	4.0	143	11.6
2017	128	10.0	76	6.0	204	15.9	30	2.4	106	8.4	42	3.3	148	11.7
2018	123	10.0	83	6.8	206	16.7	45	3.7	128	10.5	40	3.3	168	13.8
2019	131	10.7	82	6.8	213	17.5	40	3.3	122	10.1	51	4.2	173	14.3

@ Per 1,000 total births (live births and stillbirths)

+ Per 1,000 live births

DEFINITIONS

1.STILLBIRTHS: Children born dead after 28 weeks of gestation

2.EARLY NEONATAL DEATHS: Deaths occurring in the 1st week of life

3.PERINATAL DEATHS: Stillbirths plus early neonatal deaths

4.LATE NEONATAL DEATHS: Deaths between 1 week and 4 weeks

5.NEONATAL DEATHS: Deaths under 4 weeks

6.POST-NEONATAL DEATHS: Deaths
between 4 weeks and 1 year

7.INFANT DEATHS: Deaths under 1 year

REPUBLIC OF MAURITIUS

RESIDENT POPULATION AND VITAL STATISTICS BY DISTRICT (NUMBERS) - 2019

DISTRICT	Estimated Mid-year Population	Area (Square Kilometres)	Civil Marriages *	Live Births	Deaths	Natural Increase	Still-births	Infant Deaths	Estimated End-of-Year Population
PORT LOUIS	118,455	40.4	872	1,682	1,406	276	20	23	118,123
PAMPLEMOUSSES	141,586	179.6	1,437	1,448	1,205	243	19	27	141,714
RIV. DU REMPART	108,009	154.3	1,143	1,025	892	133	7	14	107,963
FLACQ	138,736	298.8	999	1,104	973	131	12	8	138,676
GRAND PORT	112,847	261.3	798	1,075	1,044	31	9	15	112,660
SAVANNE	68,309	246.2	559	705	586	119	14	11	68,288
PLAINES WILHEMS	366,961	196.2	2,302	3,473	3,564	(91)	32	51	366,506
MOKA	83,672	234.4	499	730	706	24	6	11	83,664
BLACK RIVER	83,765	257.2	892	814	535	279	12	13	84,069
RODRIGUES	43,371	110.1	208	806	263	543	8	14	43,538
TOTAL	1,265,711	1978.5	9,709	12,862	11,174	1,688	139	187	1,265,201

* By district of residence of bridegroom

RESIDENT POPULATION AND VITAL STATISTICS BY DISTRICT (RATES) - 2019

DISTRICT	Density per Square Kilometres (End of year Population)	Rate per 1000 of the Mid-year Population				Stillbirth Rate [@]	Infant Mortality Rate ⁺
		Marriage Rate	Crude Birth Rate	Crude Death Rate	Rate of natural increase		
PORT LOUIS	2,924	14.7	14.2	11.9	2.3	11.8	13.7
PAMPLEMOUSSES	789	20.3	10.2	8.5	1.7	13.0	18.6
RIV. DU REMPART	700	21.2	9.5	8.3	1.2	6.8	13.7
FLACQ	464	14.4	8.0	7.0	0.9	10.8	7.2
GRAND PORT	431	14.1	9.5	9.3	0.3	8.3	14.0
SAVANNE	277	16.4	10.3	8.6	1.7	19.5	15.6
PLAINES WILHEMS	1,868	12.5	9.5	9.7	-0.2	9.1	14.7
MOKA	357	11.9	8.7	8.4	0.3	8.2	15.1
BLACK RIVER	327	21.3	9.7	6.4	3.3	14.5	16.0
RODRIGUES	395	9.6	18.6	6.1	12.5	9.8	17.4
REPUBLIC	640	15.3	10.2	8.8	1.3	10.7	14.5

@ rate per 1000 total births (live births and stillbirths)

+ rate per 1000 live births

LIFE EXPECTANCY AT BIRTH (YEARS)*

Sex	2008	2009	2010	2011@	2012	2013	2014	2015	2016	2017	2018
Male	69.7	69.8	70.1	70.4	70.7	71	71.1	71.2	71.3	71.3	71.1
Female	76.9	77.0	77.4	77.5	77.7	77.6	77.8	77.8	77.9	77.7	77.6
Both Sexes	73.2	73.3	73.7	73.9	74.1	74.2	74.4	74.4	74.6	74.5	74.2

* Calculation based on 3 year period

@ based on census data

ISLAND OF MAURITIUS
ESTIMATED MID-YEAR RESIDENT POPULATION OF TOWNS - 2019

MUNICIPAL COUNCIL AREA @	POPULATION
Port Louis	146,737
Beau Bassin-Rose Hill	103,740
Vacoas-Phoenix	105,933
Curepipe	78,513
Quatre Bornes	77,205
URBAN POPULATION	512,128 42.0%
RURAL POPULATION	710,212 58.0%
TOTAL POPULATION	1,222,340

@ according to boundaries subsequent to Proclamations No. 8 of 1990 and No. 15 of 1991

FERTILITY RATES 2013-2019

RATE	2013	2014	2015	2016	2017	2018	2019
Crude birth rate	10.7	10.4	9.9	10.1	10.4	10.0	9.9
General fertility rate	40.5	40.3	38.4	39.3	40.7	39.7	39.2
Total fertility rate	1.4	1.4	1.3	1.4	1.4	1.4	1.4
Gross reproduction rate	0.7	0.7	0.6	0.7	0.7	0.7	0.7
Net reproduction rate	0.7	0.7	0.6	0.7	0.7	0.6	0.7
Age-specific fertility rates:							
Age of women (Years)							
15-19	25.7	23.8	22.5	22.4	23.1	23.0	22.2
20-24	68.8	64.9	57.8	57.2	55.7	53.3	52.1
25-29	87.9	90.1	84.5	88.0	88.3	83.1	80.7
30-34	64.5	65.5	65.2	68.5	73.4	74.8	73.1
35-39	28.6	29.8	29.8	30.0	33.3	32.3	35.4
40-44	6.6	6.5	6.9	6.6	7.5	7.4	7.8
45-49	0.4	0.4	0.4	0.3	0.7	0.3	0.5

Note : For definitions, see glossary

LIFE EXPECTANCY AT BIRTH (YEARS) *

SEX	2011	2012	2013	2014	2015	2016	2017	2018
MALE	70.4	70.6	70.9	71.0	71.1	71.2	71.2	71.0
FEMALE	77.5	77.7	77.6	77.8	77.8	77.9	77.7	77.5
BOTH SEXES	73.9	74.1	74.2	74.3	74.4	74.5	74.4	74.2

* Calculation based on a 3 year period

ISLAND OF MAURITIUS
ESTIMATED MID-YEAR RESIDENT POPULATION BY AGE AND SEX - 2019

AGE-GROUP (YEARS)	MALE		FEMALE		BOTH SEXES	
	Number	%	Number	%	Number	%
UNDER 1	6,223	1.0	5,996	1.0	12,219	1.0
1 - 4	24,895	4.1	23,688	3.8	48,583	4.0
5 - 9	34,343	5.7	33,399	5.4	67,742	5.5
10 - 14	41,294	6.8	40,069	6.5	81,363	6.7
15 - 19	47,324	7.8	45,735	7.4	93,059	7.6
20 - 24	46,901	7.8	45,706	7.4	92,607	7.6
25 - 29	47,894	7.9	46,716	7.6	94,610	7.7
30 - 34	41,443	6.9	40,327	6.5	81,770	6.7
35 - 39	46,517	7.7	45,205	7.3	91,722	7.5
40 - 44	45,890	7.6	44,193	7.2	90,083	7.4
45 - 49	40,092	6.6	39,163	6.3	79,255	6.5
50 - 54	43,818	7.2	44,039	7.1	87,857	7.2
55 - 59	42,508	7.0	44,103	7.1	86,611	7.1
60 - 64	34,827	5.8	37,823	6.1	72,650	5.9
65 - 69	27,685	4.6	32,049	5.2	59,734	4.9
70 - 74	16,030	2.7	20,767	3.4	36,797	3.0
75 - 79	8,799	1.5	12,856	2.1	21,655	1.8
80 - 84	5,159	0.9	8,611	1.4	13,770	1.1
85 & OVER	3,254	0.5	6,999	1.1	10,253	0.8
ALL AGES	604,896	100.0	617,444	100.0	1,222,340	100.0
UNDER 5	31,118	5.1	29,684	4.8	60,802	5.0
5 - 11	49,643	8.2	48,613	7.9	98,256	8.0
12 - 19	73,318	12.1	70,590	11.4	143,908	11.8
16 - 18	28,487	4.7	27,740	4.5	56,227	4.6
UNDER 15	106,755	17.6	103,152	16.7	209,907	17.2
UNDER 18	134,745	22.3	130,335	21.1	265,080	21.7
UNDER 21	163,503	27.0	157,860	25.6	321,363	26.3
15 - 49	316,061	52.3	307,045	49.7	623,106	51.0
15 - 59	402,387	66.5	395,187	64.0	797,574	65.2
15 - 64	437,214	72.3	433,010	70.1	870,224	71.2
12 & OVER	524,135	86.6	539,147	87.3	1,063,282	87.0
15 & OVER	498,141	82.4	514,292	83.3	1,012,433	82.8
16 & OVER	488,902	80.8	505,488	81.9	994,390	81.4
18 & OVER	470,151	77.7	487,109	78.9	957,260	78.3
21 & OVER	441,393	73.0	459,584	74.4	900,977	73.7
60 & OVER	95,754	15.8	119,105	19.3	214,859	17.6
65 & OVER	60,927	10.1	81,282	13.2	142,209	11.6
MEAN AGE	36.94		38.68		37.82	
MEDIAN AGE	36.30		38.00		37.14	
DEPENDENCY RATIO*	383.52		425.93		404.63	

* [(Population under 15 + population 65 & over) / Population 15 - 64] x 1000

MAIN HEALTH INSTITUTIONS AS AT END OF 2019

PUBLIC SECTOR	Island of Mauritius	Island of Rodrigues
Regional (Principal) General Hospital	5	-
District General Hospital ^Ø	2	1
Health Centre (with in-patient service)	-	2
Psychiatric Hospital	1	-
Chest Hospital	1	-
Eye Hospital	1	-
E.N.T. Centre	1	-
Cardiac Centre [@]	2	-
Community Hospital *	2	-
Mediclinic ⁺	5	-
Area Health Centre [^]	18	3 ^{\$}
Community Health Centre	116	14
Maternal and Child Health Clinic	145	14
Vaccination Clinic (babies)	158	15
Family Planning Clinic [#]	149	17
Health Office	13	1
Dental Static Clinic [¥]	55	3
Dental Mobile Clinic	3	-
Ayurvedic Clinic	6	-
Dialysis Clinic ^{**}	7	1
Diabetes and Vascular Health Centre [£]	1	-
Day Care Centre for the Immuno-suppressed	8	1
Methadone Substitution Therapy Centre	3	-
Detoxication and Rehabilitation Centre for Youngsters [∞]	2	-
Chest Clinic	1	-
PRIVATE SECTOR		
Private Clinic/Hospital (with in-patient service)	19	-
Pharmaceutical retail outlet	360	1
Dialysis Clinic (including those in private clinics)	6	-
Sugar Estate Dispensary	11	-

Ø Souillac, Mahebourg and Q.Elizabeth Hospital

* Y. Cantin and Long Mountain

+ Belvédère, L'Escalier, Plaine Verte, Triolet and Goodlands

^ outside hospital compound

@ at Pamplémousses and Candos

¥ including 12 specialised clinics (Oral surgery & Orthodontics)

\$ at QEH, M.Lubin & La Ferme HC

excluding 16 supply centres

** in Regional Hospital (2 at Jeetoo Hospital) and 1 at Souillac District General Hospital.

∞ at Mahebourg Hospital and for adolescents at Long Mountain Hospital

£ at Souillac

Bed Situation as at end of 2019

INSTITUTION	Island of Mauritius	Island of Rodrigues	Republic of Mauritius
Government Hospitals	3,768	211	3,979
Private Clinics	730	0	730
TOTAL	4,498	211	4,709

REPUBLIC OF MAURITIUS
SELECTED HEALTH MANPOWER STATISTICS AS AT END OF YEAR 2012- 2019

YEAR	2012		2013		2014		2015		2016		2017		2018		2019	
GRADE	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION
DOCTOR																
Employed by Mins. of Health [@]	1,000	8.0	1,054	8.4	1,077	8.5	1,111	8.8	1,155	9.1	1,514	12.0	1,525	12.0	1,568	12.4
- of which specialists	(284)		(290)		(300)		(301)		(314)		(326)		(341)		(354)	
In private practice	722		992		1,352		1,439		1,614		1,413		1,685		1,722	
TOTAL	1,722	13.7	2,046	16.2	2,429	19.3	2,550	20.2	2,769	21.9	2,927	23.1	3,210	25.4	3,290	26.0
<i>Of which specialist*</i>	(676)		(718)		(734)		(788)		(813)		(858)		(895)		(980)	
DENTIST																
Employed by Mins. of Health	59	0.5	58	0.5	58	0.5	58	0.5	69	0.5	68	0.5	66	0.5	66	0.5
In private practice	242		293		308		322		316		333		345		346	
TOTAL	301	2.4	351	2.8	366	2.9	380	3.0	385	3.0	401	3.2	411	3.2	412	3.3
PHARMACIST																
Employed by Mins. of Health	23	0.2	23	0.2	27	0.2	27	0.2	27	0.2	37	0.3	38	0.3	36	0.3
In private practice	409		437		467		470		487		494		498		500	
TOTAL	432	3.4	460	3.7	494	3.9	497	3.9	514	4.1	531	4.2	536	4.2	536	4.2
QUALIFIED NURSE & MIDWIFE																
Employed by Mins. of Health	3,051	24.3	3,202	25.4	3,331	26.4	3,461	27.4	3,686	29.2	3,791	30.0	3,907	30.9	3,958	31.3
In Private practice	686		761		794		669		448		429		493		536	
TOTAL	3,737	29.7	3,963	31.5	4,125	32.7	4,130	32.7	4,134	32.7	4,220	33.4	4,400	34.8	4,494	35.5

[@] excluding doctors (included in figure in private practice) working under the " Bank of Doctors" scheme and Pre-Registration House Officers (245)

* including those employed by the Ministry of Health & QL

Source: Establishment Division/Medical Council/Pharmacy Council/Nursing Council/Commission for Health

NB: Number of officers in the public sector includes those on Rodrigues Establishment

**Selected Health Personnel in post at the Ministry of Health & Wellness and
in government health institutions as at end of 2019**

Cadre / Grade[#]	Number	Cadre / Grade[#]	Number
Administrative Cadre	20	Community Health Development Motivator	5
Human Resource Cadre	59	Community Health Care Officer	110
Office Management Executive/Assistant	58	Sanitary Engineer	4
Management Support Officer	269	Health Engineering Officer	16
Confidential Secretary	35	Health Statistician	2
Word Processing Operator	40	Statistical Officer	7
Office Auxiliary Cadre	62	Demographer	2
Finance Cadre	56	Health Analyst	3
Procurement & Supply Cadre	134	Hospital Administration Cadre	21
Internal Control Cadre	9	Blood Bank Cadre	20
Health Records Cadre	392	Pathological Laboratory Assistant	14
Health Information, Education and Communication Cadre	9	Community Health Rehabilitation Officer	46
Medical Specialist	354	Medical Social Worker	10
Medical Officer (Non specialist)*	1,214	Welfare Assistant	10
Dentist (including specialist)*	76	Clinical Scientist (Biochemistry or Virology)	11
Pharmacist*	36	Scientific Officer Vector Biology and Control Division	2
Ayurvedic Medical Officer	8	Vector Biology & Control Laboratory Technician (Entomology)	3
Nutritionist	17	Bio-Medical Engineering Technician	13
Occupational Therapy Cadre	26	Government Analyst	7
Speech Therapists & Audiologist	4	Technical Officer (Chemical Laboratory)	19
Speech and Hearing Therapy Assistant	10	Medical Laboratory Technologist	233
Clinical Psychologist	8	Pharmacy Technician (inc. Stores Manager)	211
Hospital Physicist	11	Public Health & Food Safety Inspector	164
Dental Assistant	75	Health Surveillance Officer	132
EEG Technician	2	Insecticide Sprayer Operator	94
ECG Technician	42	Rodent Control Cadre	17
Physiotherapist	29	Catering Cadre	20
Physiotherapy Assistant	34	Orthopaedic Technician (incl Assistant)	11
Medical Imaging Technologist	117	Surgical Technologist	7
Medical Imaging Assistant	39	Permanencier	23
Radiation Therapist	8	Ambulance Driver	146
Nuclear Medicine Technologist	8	Ambulance Care Attendant	146
Nurse / Midwife Educator	7	Ward Assistant	143
Nursing Cadre (including psychiatry)	3,597	Cook	73
Midwife *	185	Attendant (Hospital Services)	1,881
Public Health Nursing officer*	55	Linen Health Officer	69
Specialised Nurse	121	Laundry Attendant	66
Health Care Assistant (General)	1,145	Mortuary Attendant	9

Source:HR Division of the Ministry of Health & Wellness

*including on Rodrigues Establishment

for each specified grade, the figures include officers in higher posts (e.g Statistical Officer includes Senior and Principal)

@ Some 16,000 officers were in post at the Ministry of Health & Wellness, including hospitals and health centres etc.

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REPUBLIC OF MAURITIUS
MATERNAL AND CHILD HEALTH ACTIVITIES IN PUBLIC SECTOR - 2019
(excluding activities carried out at Regional Hospitals)

ACTIVITY		
DOMICILIARY VISITS BY MIDWIFE/NURSE		
	ANTENATAL	1,544
	POSTNATAL	2,835
TOTAL DOMICILIARY VISITS		4,379
CASES REFERRED TO HEALTH CENTRES & HOSPITALS		
BY DOCTOR FOR SPECIALISED TREATMENT		9,956
BY MIDWIFE/NURSE AFTER ANTENATAL VISIT		0
BY MIDWIFE/NURSE AFTER POSTNATAL VISIT		0
TOTAL CASES REFERRED		9,956
EXAMINATIONS CARRIED OUT AT CLINIC		
ANTENATAL EXAMINATIONS BY MIDWIFE/NURSE		
	First attendances	9,637
	Subsequent attendances	39,017
ANTENATAL EXAMINATIONS BY DOCTOR*		
	First attendances	10,474
	Subsequent attendances	37,347
POSTNATAL EXAMINATIONS BY DOCTOR		
	First attendances	4,545
	Subsequent attendances	1,718
CHILDREN SEEN FOR GROWTH MONITORING		
	Number of attendances	149,911
EXAM. OF CHILDREN UNDER 5 YEARS BY DOCTOR		
	First attendances	6,337
	Subsequent attendances	14,411
TOTAL ATTENDANCES AT CLINIC		273,397

* include cases examined by specialists at first and subsequent attendances.

STATISTICS RELATING TO THE EXPANDED PROGRAMME ON IMMUNIZATION BY MAIN VACCINATIONS PERFORMED IN 2019

IMMUNIZATIONS PERFORMED		
BABIES		
	B.C.G.	10,926
	M.M.R.:	
	1 st dose	11,943
	2 nd dose	11,885
	HEXAVALENT ^{\$} (D.P.T. & H.I.B, HEP. B & IPV)/O.P.V:	
	1 st dose	11,078
	2 nd dose	11,177
	3 rd dose	10,998
	Booster dose	9,532
	ROTAVIRUS:	
	1 st dose	10,822
	2 nd dose	10,526
	PNEUMOCOCCAL*:	
	1 st dose	11,096
	2 nd dose	11,095
	3 rd dose	10,920
PREGNANT WOMEN (including Regional Hospitals)		
	TETANUS TOXOID:	
	1 st dose	8,244
	2 nd dose	6,915
	Booster dose (1 year after 2nd dose)	982
ATTENDANCES FOR IMMUNIZATION OF PREGNANT WOMEN		16,141
SCHOOL CHILDREN		
	PRIMARY:	
	MMR (std I)	11,418
	DT & OPV (std I)	11,295
	TETANUS TOXOID (STD VI)	13,809
	HPV [#] (std V): 1 st dose	6,193
	2 nd dose	5,887
IMMUNIZATION OF SCHOOL CHILDREN		48,602

HPV started in Mauritius in August 2016 and Rodrigues in September 2016
\$ Hexavalent vaccine started in January 2018

* Pneumococcal vaccine started in March 2016

**STATISTICS RELATING TO MATERNAL AND CHILD HEALTH ACTIVITIES
AT GOVERNMENT CLINICS BY DISTRICT – 2019**

(excluding activities carried out at Regional Hospitals)

DISTRICT	PORT LOUIS	PAMPLEMOUSSES	RIVIERE DU REMPART	FLACQ	GRAND PORT	SAVANNE	PLAINES WILHEMS	MOKA	BLACK RIVER	ISLAND OF MAURITIUS
<u>DOMICILIARY VISITS BY MIDWIFE/NURSE</u>										
ANTENATAL	214	418	146	150	151	106	197	55	107	1,544
POSTNATAL	459	666	484	426	105	112	255	230	98	2,835
TOTAL DOMICILIARY VISITS	673	1,084	630	576	256	218	452	285	205	4,379
<u>CASES REFERRED TO HEALTH CENTRES & HOSPITALS</u>										
BY DOCTOR FOR TREATMENT	850	971	775	916	843	645	2,893	520	761	9,174
BY MIDWIFE/NURSE AFTER ANTENATAL VISIT	-	-	-	-	-	-	-	-	-	-
BY MIDWIFE/NURSE AFTER POSTNATAL VISIT	-	-	-	-	-	-	-	-	-	-
<u>EXAMINATIONS CARRIED OUT AT CLINIC</u>										
ANTENATAL EXAM. BY MIDWIFE/ NURSE										
First attendances	1,009	1,106	804	1,018	909	559	2,023	586	729	8,743
Subsequent attendances	4,027	5,153	3,617	3,527	2,983	2,255	5,685	2,844	2,465	32,556
ANTENATAL EXAM. BY DOCTOR*										
First attendances	930	1,070	946	1,016	1,391	549	2,220	585	874	9,581
Subsequent attendances	4,643	4,109	3,431	3,336	2,702	2,149	5,500	2,851	2,164	30,885
POSTNATAL EXAM. BY DOCTOR										
First attendances	392	670	606	879	52	161	460	365	303	3,888
Subsequent attendances	25	29	325	483	16	99	13	44	38	1,072
CHILDREN SEEN FOR GROWTH MONITORING										
Total number of attendances	16,192	19,138	11,142	30,931	8,740	5,098	35,892	6,249	10,584	143,966
EXAM. OF CHILDREN UNDER 5 YRS BY DOCTOR										
First attendances	483	767	585	893	759	525	1,591	420	314	6,337
Subsequent attendances	1,650	2,693	1,585	2,315	1,016	713	2,580	877	982	14,411
Total exam of children under 5 yrs by doctor	2,133	3,460	2,170	3,208	1,775	1,238	4,171	1,297	1,296	20,748
TOTAL ATTENDANCES AT CLINIC	29,351	34,735	23,041	44,398	18,568	12,108	55,964	14,821	18,453	251,439

* includes cases examined by specialist at first as well as subsequent attendances

ISLAND OF MAURITIUS
STATISTICS RELATING TO MATERNAL AND CHILD HEALTH ACTIVITIES
AT GOVERNMENT CLINICS BY DISTRICT – 2019
(excluding activities carried out at Regional Hospitals)

ACTIVITY	DISTRICT	PORT LOUIS	PAMPLE- MOUSSES	RIV. DU REMPART	FLACQ	GRAND PORT	SAV- ANNE	PLAINES WILHEMS	MOKA	BLACK RIVER	TOTAL	%
REGISTRATION OF GESTATIONAL AGE AT FIRST ATTENDANCE FOR ANTENATAL TREATMENT												
3 months or less		296	338	192	258	227	83	736	212	230	2,572	29.4
Between 3 and 6 months		585	690	537	687	602	420	1,120	335	415	5,391	61.7
6 months and over		128	79	75	73	80	56	167	39	84	781	8.9
TOTAL FIRST ATTENDANCES		1,009	1,107	804	1,018	909	559	2,023	586	729	8,744	100.0
FIRST DETERMINATION OF HAEMOGLOBIN LEVEL (mg/dl) OF ANTENATAL CASES												
below 9.0		24	32	42	26	20	12	38	7	18	219	2.9
9.0 to 9.9		64	100	102	57	60	32	110	26	46	597	8.0
10.0 to 10.9		194	280	209	229	227	103	430	125	156	1,953	26.2
11.0 to 11.9		259	373	262	303	305	183	697	197	186	2,765	37.2
12.0 or above		194	213	184	170	171	128	581	127	140	1,908	25.6
TOTAL FIRST DETERMINATIONS		735	998	799	785	783	458	1,856	482	546	7,442	100.0

STATISTICS RELATING TO THE EXPANDED PROGRAMME ON IMMUNISATIONS BY MAIN VACCINATIONS PERFORMED BY DISTRICT - 2019

IMMUNIZATIONS PERFORMED	DISTRICT	PORT LOUIS	PAMPLE- MOUSSES	RIV. DU REMPART	FLACQ	GRAND PORT	SA- VANNE	PLAINES WILHEMS	MOKA	BLACK RIVER	TOTAL
CHILDREN:											
B.C.G.		1,273	1,162	982	1,120	991	630	2,506	688	825	10,177
M.M.R. :											
1 st dose		1,426	1,224	956	1,209	1,068	640	3,009	732	940	11,204
2 nd dose		1,420	1,220	950	1,200	1,060	635	3,000	730	935	11,150
HEXAVALENT*/OPV											
1 st dose		1,221	1,148	1,028	1,138	1,033	634	2,577	694	882	10,355
2 nd dose		1,273	1,147	1,000	1,165	1,049	643	2,591	701	839	10,408
3 rd dose		1,209	1,127	987	1,175	1,029	626	2,622	668	830	10,273
Booster dose		917	1,178	926	1,099	844	524	2,077	622	702	8,889
ROTAVIRUS: 1 st dose		1,205	1,151	1,011	1,113	1,014	629	2,491	680	809	10,103
2 nd dose		1,074	1,092	961	1,144	999	599	2,465	645	773	9,752
Pneumococcal: 1 st dose		1,244	1,156	1,019	1,116	1,030	630	2,582	703	884	10,364
2 nd dose		1,290	1,128	981	1,168	1,041	632	2,605	660	869	10,374
3 rd dose		1,212	1,285	955	1,297	945	586	2,546	647	858	10,331
PREGNANT WOMEN:											
TETANUS TOXOID#:											
1 st dose		845	1,047	765	878	869	576	1,455	549	592	7,576
2 nd dose		740	891	627	758	774	530	1,139	497	493	6,449
Booster dose											
(1 year after 2 nd dose)		149	172	63	99	108	42	175	98	35	941
TOTAL ATTENDANCES FOR IMMUNIZATIONS OF PREGNANT WOMEN		1,734	2,110	1,455	1,735	1,751	1,148	2,769	1,144	1,120	14,966

* Diphtheria, Pertussis, Tetanus, Haemophilus Influenzae Type B, Polio (Inactivated) and Hepatitis B

including immunisations carried out at hospitals

New Cases of gestational diabetes reported

Year	Number
2017	1,219
2018	1,427
2019	1,556

ISLAND OF MAURITIUS

INDICATORS RELATED TO ANTENATAL CARE IN GOVERNMENT SERVICE

Gestational age at first attendance for antenatal care

YEAR	% Of First Attendances by gestational age		
	3 Months or less	Between 3 and 6 Months	6 Months or over
2006	23.8	64.2	12.0
2007	23.9	63.6	12.5
2008	25.1	62.7	12.2
2009	25.7	61.1	13.2
2010	26.1	61.1	12.9
2011	25.4	62.6	12.0
2012	30.0	59.0	11.0
2013	30.8	59.5	9.7
2014	31.8	58.4	9.8
2015	32.1	58.4	9.5
2016	33.2	58.0	8.8
2017	31.2	60.2	8.6
2018	33.0	58.2	8.8
2019	29.4	61.7	8.9

Haemoglobin level (mg/dl) at first determination of antenatal cases

YEAR	% Antenatal Cases by Haemoglobin Level		
	Below 10.0 (Moderate or severe anaemia)	10.0 to 10.9 (Mild anaemia)	11.0 or above (Normal)
2006	11.8	24.2	64.0
2007	13.1	25.5	61.4
2008	12.0	22.4	65.6
2009	13.4	21.9	64.7
2010	13.1	25.0	61.9
2011	14.2	24.0	61.8
2012	13.0	25.1	61.9
2013	13.5	25.1	61.4
2014	14.9	26.0	59.1
2015	11.3	25	63.7
2016	11.7	23.7	64.6
2017	12.2	25.0	62.8
2018	12.1	25.5	62.4
2019	10.9	26.2	62.9

**IMMUNISATIONS REPORTED BY GOVT SERVICES AND PRIVATE INTERNATIONAL VACCINATION CENTRES
2015 – 2019**

DISEASE IMMUNIZED AGAINST		YEAR	2015	2016	2017	2018	2019
TUBERCULOSIS (B.C.G.)			10,143	10,531	10,781	10,310	10,177
DIPHTHERIA, PERTUSSIS, TETANUS, POLIOMYELITIS & HEPATITIS B (D.P.T, H.I.B, HEP.B & O.P.V/IPV)	1st dose		9,988	10,385	10,661	10,335	10,355
	2nd dose		10,178	9,097	10,552	10,485	10,408
	3rd dose		10,289	10,323	10,372	10,355	10,273
	(excluding Hep B)						
Booster Dose (excluding HEP. B)			9,572	8,867	8,867	3,321	8,889
ROTAVIRUS	1st dose		7,674	10,374	10,639	10,230	10,103
	2nd dose		6,702	9,852	10,153	9,743	9,752
PNEUMOCOCCAL	1st dose		-	8,636	10,889	10,326	10,364
	2nd dose		-	6,495	10,424	10,338	10,374
	3rd dose		-	935	9,539	9,454	10,331
(DIPHTHERIA TETANUS, POLIOMYELITIS & HEP B)	1st dose		106	72	65	44	72
	2nd dose		118	103	72	43	88
	3rd dose		151	101	91	77	119
	Booster dose (exclude HEP. B)		12,950	11,980	12,079	12,087	9,628
YELLOW FEVER			1,802	2,008	2,173	2,783	2,793
INFLUENZA [@]			102,144	100,921	218,000	127,916	131,081
TETANUS \$			213,125	209,371	209,289	214,340	205,000
TYPHOID FEVER			761	1,040	1,085	1,525	2,054
INFECTIOUS HEPATITIS "A"			11,796	10,328	11,875	14,268	16,915
INFECTIOUS HEPATITIS "B"	1st dose		705	958	666	1,237	1,169
	2nd dose		613	748	547	1,009	164
	3rd dose		610	567	600	808	837
	4th & higher dose		799	853	514	583	837
	Booster dose		152	158	297	243	101
	Unspecified dose		103	95	168	91	104
MENINGITIS			4,140	5,214	7,054	6,605	7,638
MEASLES/ MUMPS/ RUBELLA (MMR)			22,572	20,677	21,245	30,545	30,291
HUMAN PAPILLOMA VIRUS (HPV)	1st dose		-	5,979	13,094	12,978	5,970
	2nd dose		-	-	11,710	11,418	5,758

@ include vaccination done by Ministry of Social Security for old age persons (see pg 49)

\$ Injured persons, primary school leavers and pregnant women

REPUBLIC OF MAURITIUS
EXPANDED PROGRAMME ON IMMUNISATION AT GOVERNMENT CLINICS
IMMUNISATION COVERAGE RATES AND PERFORMANCE INDICATORS – 2019

DISTRICT	Surviving Infants [#]	BABIES												PREGNANT WOMEN	
		BCG		MMR		HEXAVALENT*		ROTAVIRUS		PNEUMOCOCCAL		POLIO		TETANUS TOXOID	
		Number	Coverage [@] Rate	Number 2nd dose)	Coverage [@] Rate ^{\$\$}	Number (3rd dose)	Coverage [@] Rate	Number (2nd dose)	Coverage [@] Rate	Number (3rd dose)	Coverage [@] Rate	Number (3rd dose)	Coverage [@] Rate	Number (2nd & higher dose)	Coverage ^{&} Rate
PORT LOUIS	1,659	1,273	76.7	1,420	85.6	1,209	72.9	1074	64.7	1212	73.1	1209	72.9	890	50.5
PAMPLEMOUSSES	1,421	1,162	81.8	1,220	85.9	1,127	79.3	1092	76.8	1285	90.4	1127	79.3	1,063	68.1
RIVIERE DU REMPART	1,011	982	97.1	950	94.0	987	97.6	961	95.1	955	94.5	987	97.6	690	66.1
FLACQ	1,096	1,120	100.0	1,200	100.0	1,175	100.0	1144	100.0	1297	100.0	1175	100.0	857	76.8
GRAND PORT	1,060	991	93.5	1,060	100.0	1,029	97.1	999	94.2	945	89.2	1029	97.1	882	77.4
SAVANNE	695	630	90.6	635	91.4	626	90.1	599	86.2	586	84.3	626	90.1	571	83.5
PLAINES WILHEMS	3,422	2,506	73.2	3,000	87.7	2,622	76.6	2465	72.0	2546	74.4	2622	76.6	1,314	35.1
MOKA	718	688	95.8	730	100.0	668	93.0	645	89.8	647	90.1	668	93.0	595	85.5
BLACK RIVER	801	825	100.0	935	100.0	830	100.0	773	96.5	858	100.0	830	100.0	528	55.0
ISLAND OF MAURITIUS	11,883	10,177	85.6	11,150	93.8	10,273	86.5	9752	82.1	10331	86.9	10273	86.5	7,390	58.2
RODRIGUES	792	749	94.6	735	92.8	725	91.5	774	97.7	589	74.4	725	91.5	508	64.1
REPUBLIC OF MAURITIUS	12,675	10,926	86.2	11,885	93.8	10,998	86.8	10,526	83.0	10,920	86.2	10,998	86.8	7,898	58.5

: live births less infant deaths registered in 2019

@ based on surviving infants

&: based on estimated pregnant women

* Diphtheria, Pertussis, Tetanus, Haemophilus Influenzae Type B, Polio (Inactivated) and Hepatitis B

\$\$: The high coverage rates may be explained by the increase in MMR vaccination following the measles outbreak.

Note: Figures for MMR have been adjusted for over-reporting

DISTRICT PERFORMANCE 2019

Coverage Rate for DPT (3rd dose)	Less than 80%	80% to 89%	90% and above
Number of districts	3	–	7

REPUBLIC OF MAURITIUS
EXPANDED PROGRAMME ON IMMUNIZATION AT GOVERNMENT CLINICS
IMMUNISATION** COVERAGE RATES
2002 - 2019

<div>VACCINE</div> <div>YEAR</div>	BABIES (0-1 year)												PREGNANT WOMEN		
	BCG			DPT (3 rd dose)			POLIO (3 rd dose)			MMR (2 nd dose) @			TETANUS TOXOID (2 nd & higher dose)		
	Mauritius	Rodrigues	Republic of Mauritius	Mauritius	Rodrigues	Republic of Mauritius	Mauritius	Rodrigues	Republic of Mauritius	Mauritius	Rodrigues	Republic of Mauritius	Mauritius	Rodrigues	Republic of Mauritius
2002	86.9	93.0	87.1	88.1	93.0	88.3	88.5	93.0	88.6	84.5	99.0	85.1	71.5	76.2	71.7
2003	91.9	97.3	92.1	92.0	100.0	92.3	92.2	100.0	92.6	93.5	93.5	93.5	73.2	75.3	73.3
2004	89.8	95.8	90.1	88.4	93.0	88.6	88.8	94.7	89.2	88.5	91.0	88.6	75.4	74.1	75.0
2005	90.1	99.6	90.5	87.4	98.2	87.9	87.9	82.9	87.6	87.9	100.0	88.6	80.2	72.8	79.8
2006	89.3	100.0	89.8	88.2	94.3	88.5	89.8	95.3	90.0	92.2	97.8	92.4	81.9	78.2	81.8
2007	90.6	96.3	90.9	88.7	98.1	89.2	88.7	98.1	89.2	91.4	91.1	91.4	83.4	79.1	83.2
2008	90.6	100.0	91.4	97.0	100.0	97.8	97.2	100.0	97.8	90.0	100.0	90.9	86.3	82.2	86.1
2009	88.9	100.0	89.4	92.7	100.0	93.4	93.4	100.0	93.4	92.3	100.0	93	82.2	89.0	82.5
2010	88.4	100.0	89	88.4	100.0	89.1	89.1	100.0	89.8	88.5	92.7	88.7	79.5	81.9	79.6
2011	88	95.7	88.4	86.1	90.7	86.3	86.8	90.7	87	88.9	90.8	89.0	75.5	74.6	75.4
2012	87.2	100.0	87.9	86.6	100.0	87.3	87.7	100.0	88.3	88.5	93.5	88.7	70.7	70.0	70.7
2013	86.1	98.0	86.7	88.1	93.8	88.4	89.6	93.8	89.8	89.7	93.5	89.9	65.6	74.6	66
2014	86.5	94.7	86.9	85.8	99.0	86.5	87.5	99.0	88.1	88.2	91.4	88.4	61.4	60.7	61.3
2015	85.3	97.3	85.9	86.5	98.4	87.2	87.8	98.4	88.1	89.2	93.0	89.4	59.5	62.8	59.7
2016	86.3	98.6	87.0	84.3	98.4	85.1	95.8	98.4	95.9	81.6	86.2	81.8	64.3	70.1	64.7
2017	86.1	98.9	86.8	82.8	91.4	83.3	83.6	91.7	84.0	80.7	85.6	81.0	66.2	72.4	66.5
2018	85.7	90.4	86.0	86	89.5	86.2	86.7	89.5	86.9	93.1	97.1	93.4	59.4	57.7	59.3
2019	85.6	94.6	86.2	86.5	91.5	86.8	86.5	91.5	86.8	93.8	92.8	93.8	58.3	64.1	58.5

** See Glossary for full narr .

ISLAND OF MAURITIUS

**DISTRIBUTION OF IMMUNIZATIONS REPORTED IN 2019
BY SECTION OF POPULATION COVERED**

DISEASE IMMUNIZED AGAINST	POPULATION COVERED		NUMBER OF IMMUNIZATIONS		
			Govt Services	Private International Vaccination Centres [#]	TOTAL
TUBERCULOSIS (B.C.G)	Babies attending M.C.H. Clinics		10,177	-	10,177
DIPHTHERIA, PERTUSSIS, TETANUS,HIB POLIOMYELITIS & HEPATITIS B (D.P.T, H.I.B, HEP. B & O.P.V / I.P.V)	Babies attending	1st dose	10,355	-	10,355
		2nd dose	10,408	-	10,408
	M.C.H. Clinics	3 rd dose	10,273	-	10,273
		Booster dose	8,889	-	8,889
ROTAVIRUS (4 valents)	Babies attending	1st dose	10,103	-	10,103
	M.C.H Clinics	2nd dose	9,752	-	9,752
PNEUMOCOCCAL (4 valents)	Babies attending MCH clinics	1st dose	10,364	-	10,364
		2nd dose	10,374	-	10,374
		3 rd dose	10,331	-	10,331
DIPHTHERIA TETANUS, POLIOMYELITIS & HEPATITIS B (D.T, O.P.V & HEP B)	Babies attending	1st dose	72	-	72
		2nd dose	88	-	88
	M.C.H. Clinics	3rd dose	119	-	119
	Babies attending M.C.H. Clinics	Booster dose (exclude Hep. B)	39	-	39
	Primary Schools New Entrants		9,585	-	9,585
	Persons travelling abroad		-	43	43
YELLOW FEVER	Persons travelling abroad		2,484	309	2,793
INFLUENZA (Trivalent inc AH1N1) ^{##}	Old persons*		99,180	-	99,180
	Children between 6 months to 2 years, health personnel, patients with chronic condition [@] , etc		31,901	-	31,901
	Persons travelling abroad		-	1,030	1,030
TETANUS	Pregnant women attending Antenatal Clinics Primary School Leavers Injured persons attending Health Institutions	1st dose	7,577	-	7,577
		2nd dose	6,448	-	6,448
		Booster dose	941	-	941
			12,223	-	12,223
			205,000	-	205,000
TYPHOID FEVER	Persons travelling abroad		1,919	135	2,054
INFECTIOUS HEPATITIS "A"	Persons travelling abroad		16,853	62	16,915
INFECTIOUS HEPATITIS "B"	Mainly Dialysis Patients, Medical and Para-medical Staff, Policemen and Firemen	1st dose	1,169	-	1,169
		2nd dose	1,064	-	1,064
		3rd dose	837	-	837
		4th & higher dose	837	-	837
		Booster dose	101	-	101
	Persons travelling abroad	Unspecified dose	-	104	104
MENINGITIS	Persons travelling abroad		7,638	-	7,638
MEASLES/MUMPS/RUBELLA (MMR)*	Babies attending M.C.H. Clinics (1st & 2nd dose)		25,841	-	25,841
	Primary Schools New Entrants		4,140	-	4,140
	Persons travelling abroad		-	310	310
HUMAN PAPILLOMA VIRUS (HPV- 2 valents)	Primary school children (std V)	1st dose	5,970	-	5,970
		2nd dose	5,758	-	5,758

* aged 60 years & over include by Ministry of Social Security include AH1N1 vaccine
 @ persons aged less than 60 years (by Ministry of Health)

including Rodrigues

City Clinic and Darne Clinic * babies attending MCH Clinics and other cohorts

SUMMARY OF WORK PERFORMED IN HOSPITALS - 2019

HOSPITAL	NUMBER OF ADMISSIONS	Average length of stay (day)	Number of Deaths	Daily available beds	Percentage occupancy	NUMBER OF OPERATIONS PERFORMED		CASES SEEN BY DOCTOR AT GOVERNMENT HOSPITALS \$				
								Accident & Emergency Department		Sorted OPD	Unsorted OPD	TOTAL
						IN-PATIENTS	OUT-PATIENTS	First cases	Review cases*			
DR. A.G. JEETOO (P.Louis)	37,710	4.4	1,308	588	77.0	8,430	-	236,245	159,508	164,111	130,590	690,454
S.S.R.N. (Pamplemousses)	31,911	4.1	993	489	72.3	5,561	-	162,786	90,082	172,543	107,838	533,249
FLACQ (Central Flacq)	26,292	3.6	663	341	75.8	5,282	-	123,319	73,544	117,160	118,633	432,656
J. NEHRU (Rose Belle)	27,499	4.2	831	443	71.7	5,039	-	153,765	82,306	125,520	52,610	414,201
VICTORIA & P.M.O.C.(Quatre Bornes)	39,941	5.8	1,668	756	82.3	8,849	-	202,349	102,298	298,955	133,582	737,184
MAHEBOURG	4,073	2.3	4	54	47.6	-	-	49,149	-	16,682	31,364	97,195
SOUILLAC	7,835	2.6	3	63	65.7	2,171@	25 @	81,808	-	25,931	-	107,739
SUB-TOTAL (GENERAL)	175,261	4.4 £	5,470	2,734	75.8 £	35,332	25	1,009,421	507,738	920,902	574,617	3,012,678
BROWN SEQUARD (PSYCHIATRY) (Beau Bassin)	Long stay patients **	3,135	365.0	1	414	95.0	-	15,411	-	16,750	-	32,161
	Others		17.1	4	235	56.0						
POUDRE D'OR (CHEST)	692	17.8	28	68	49.0	-	-	-	-	11,663 #	-	11,663
S. BHARATI (EYE) (Moka)	8,757	2.3	2	66	86.0	7,945	766	129,572	-	72,108	-	201,680
E.N.T. CENTRE (Vacoas)	3,290	3.2	8	53	53.0	2,057	3,966	104,411	-	12,822	-	117,233
CARDIAC CENTRE	Pamplemousses	2,969	3.5	51	60	46.8	460	-	-	12,833	-	12,833
	Candos	555	11.2	8	27	63.1	531	-	-	6,354	-	6,354
TOTAL (GENERAL + SPECIALISED)	194,659	5.3	5,572	3,657	75.4	46,325	4,757	1,258,815	507,738	1,053,432	574,617	3,394,602

seen at Chest Clinic (Port Louis)

@ eye surgeries

* seen by a second doctor during same visit, mostly at specialised clinics.

£ estimates

** there were 392 long stay patients as at end of year 2019

‡ excluding community hospitals which do not have in-patient services namely L.Mountain (with 57,598 cases) and Y.Cantin Community Hospital (with 41,923 cases).

N.B: a total of 5,455,542 cases have been seen by doctor in all public health institutions including 2,060,940 at Primary Health Care Centres.

CT-SCAN AND MRI PERFORMED ON GOVERNMENT HOSPITAL PATIENTS 2018 & 2019

HOSPITAL	NUMBER OF EXAMINATIONS			
	2018		2019	
	CT - SCAN	MRI	CT - SCAN	MRI
Dr. A.G. JEETOO	5,926	1,202	6,158	1,226
SSSRN	6645	1190	6674	1623
FLACQ				
J. NEHRU	3,658		4,660	
VICTORIA	6,538	1,709	6,755	1,337
ENT			47	
QUEEN ELIZABETH	1,083		1,124	
SUB TOTAL	23,850	4,101	25,418	4,186
PRIVATE	0	0	0	0
TOTAL	23,850	4,101	25,418	4,186

ISLAND OF MAURITIUS

NON-TRAUMATIC AMPUTATIONS PERFORMED IN GOVERNMENT HOSPITALS 2015-2019

CATEGORY	2015			2016			2017			2018			2019		
	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
New amputees	241	101	342	298	117	415	282	116	398	308	145	453	310	157	467
Re-amputation	168	53	221	221	52	273	223	57	280	255	72	327	239	90	329
TOTAL (Amputations)	409	154	563	519	169	688	505	173	678	563	217	780	549	247	796
Number of patients amputated	298	121	419	366	130	496	362	140	502	390	166	556	405	184	589
% Diabetic	91.9	85.1	90.0	93.2	92.3	92.9	89.5	89.3	89.4	89.0	91.0	89.6	90.6	89.1	90.2

HAEMODIALYSIS PERFORMED ON GOVERNMENT HOSPITAL PATIENTS 2016- 2019

(see page 119 for data of Rodrigues)

HOSPITAL/CENTRE	NUMBER OF HAEMODIALYSIS PERFORMED			
	2016	2017	2018	2019 [#]
Dr. A.G. JEETOO	21,492	23,853	26,534	38,317
SSSRN	28,989	30,397	33,019	34,679
FLACQ	29,151	30,840	31,244	31,661
J. NEHRU	19,599	19,549	20,173	20,555
VICTORIA	27,692	26,771	33,800	29,324
SOUILLAC	10,934	12,992	13,178	13,199
SUB TOTAL	137,857	144,402	157,948	167,735
PRIVATE	53,107	53,788	51,940	41,139
TOTAL	190,964	198,190	209,888	208,874

At the end of 2019, there were 1,149 patients on dialysis in the 5 regional hospitals and Souillac Hospital; another 254 government hospital patients were on dialysis in private centres, making a total of 1,403 patients (1,325 patients as at end of 2017 and 1,344 as at the end of 2018).
NB: Number of renal transplants performed: 2017 (3), 2018 (Nil), 2019 (Nil).

ISLAND OF MAURITIUS
WORK PERFORMED IN MATERNITY SECTIONS OF GOVERNMENT GENERAL HOSPITALS 2004- 2019

	DELIVERY					BIRTH						
	NORMAL [#]	INSTRUMENTAL	CAESARIAN SECTION		Total	LIVE BIRTH			STILL-BIRTH		TOTAL	
			No.	% Total ⁺		No.	of which Low Birthweight *		No.	Rate ^x	No.	% of births [@] registered in whole island
	No	No.	No.	% Total ⁺		No.	No.	%	No.		No.	
2004	10,157	231	5,117	33.0	15,505	15,499	2,415	15.6	150	9.6	15,649	85.5
2005	9,831	205	4,851	32.6	14,887	14,854	2,551	17.2	164	10.9	15,018	84.0
2006	8,621	140	4,953	36.1	13,714	13,723	2,152	15.7	122	8.8	13,845	82.1
2007	8,129	155	5,071	38.0	13,355	13,328	2,304	17.3	152	11.3	13,480	82.5
2008	7,386	127	4,984	39.9	12,497	12,467	2,086	16.7	156	12.4	12,623	80.1
2009	6,548	140	4,919	42.4	11,607	11,597	2,188	18.9	115	9.8	11,712	79.4
2010	6,383	145	4,633	41.5	11,161	11,168	2,145	19.2	90	8.0	11,258	78.3
2011	6,338	145	4,399	40.4	10,882	10,870	2,084	19.2	110	10.0	10,980	77.7
2012	6,095	177	4,367	41.0	10,639	10,645	2,039	19.2	119	11.1	10,764	77.5
2013	5,400	172	4,110	42.4	9,682	9,665	1,802	18.6	102	10.4	9,767	75.2
2014	4,858	122	4,324	46.5	9,304	9,293	1,750	18.8	89	9.5	9,382	73.0
2015	4,447	155	4,125	47.3	8,727	8,712	1,649	18.9	92	10.4	8,804	72.9
2016	4,610	163	3,970	45.4	8,743	8,737	1,513	17.3	93	10.5	8,830	70.8
2017	4,583	113	4,309	47.9	9,005	8,985	1,581	17.6	96	10.6	9,081	70.8
2018	4,177	153	4,165	49.0	8,495	8,489	1,641	19.3	79	9.2	8,568	69.6
2019	3,733	125	4,519	53.9	8,377	8,381	1,852	22.1	94	11.0	8,475	69.5

* birthweight of less than 2,500 grams

x per 1,000 total live births and stillbirths

mostly by midwife

@ live births + stillbirths

+ CS Rate (%)

NB: in 2019, (a) 91 and 2 deliveries occurred with twins and triplet respectively

(b) 612 births were reported as "premature" (7.3%)

Livebirths registered among teenagers* (whole island)

Age -group (years)	2013	2014	2015	2016	2017	2018	2019
10 -14	28	27	27	24	30	29	31
15 -19	1,179	1,078	1,010	1,012	1,023	1,024	977
Live births among mothers aged <20 years [@]	1,207	1,105	1,037	1,036	1,053	1,053	1,008

* Source: Statistics Mauritius

@ no live births occurred among girls aged less than 10 years

ISLAND OF MAURITIUS

ACTIVITY OF THE X-RAY DEPARTMENT* -2019

Examination	Number	Examination	Number
Extremities	297,339	Angiogram	3,397 #
Chest	206,032	C-Arm / O.T	3,056
Spine	94,519	Angioplasty	1393 #
Skull	78,326	Mammography	320
Abdomen	58,652	Pyelogram (intravenous)	173
Echography (ultra sound)	34,311	ERCP	367

NB: a total of 806,699 (808,089 in 2018) examinations were performed by the X-Ray Department including MRI and CT-Scan

* See page 51 for figures pertaining to MRI and CT-Scan

including 780 angiogram and angioplasty performed during same intervention

SORTED OUT-PATIENT ATTENDANCES AT SPECIALISED CLINICS -2019

Specialty	Number	Specialty	Number
Orthopaedics	158,303	ENT	28,246
Cardiology	127,931	Chest Disease	26,490
General Medicine (including NCD)	114,543	Gynaecology	26,101
General Surgery	102,342	Endocrinology	14,085
Ophthalmology [@]	92,721	Neurosurgery	13,499
Psychiatry	78,862	Diabetology	12,166
Obstetrics	60,164	Plastic Surgery	10,917
Dermatology	47,210	Nephrology	9,043
Oncology	35,106	Neurology	8,795
Paediatrics	33,879	Cardiac Surgery	5,305
Physical Medicine	32,384	Vascular Surgery	2,289

@including 12,330 refractions only

OUT-PATIENT ATTENDANCES AT CERTAIN ANCILLIARY SERVICES

Service	Number		
	2017	2018	2019
Physiotherapy *	165,001	156,653	153,271
Occupational Therapy	34,206	34,469	37,947
Speech Therapy	10,747	8,562	10,025
Audiology	13,180	11,613	10,977
Podiatry	10,316	7,387	5,259
Retinal screening	31,151	27,879	29,980

* including on in-patients (44,813 in 2019)

**ATTENDANCES* FOR THE TREATMENT OF COMMON DISEASES AND INJURIES
AT THE COMMUNITY HOSPITALS, MEDICLINICS, AREA HEALTH CENTRES AND COMMUNITY HEALTH CENTRES - 2019**

Region.	CENTRE AND DISTRICT TOTAL	Total Attendances	Region.	CENTRE AND DISTRICT TOTAL	Total Attendances	Region.	CENTRE AND DISTRICT TOTAL	Total Attendances
	FLACQ			PLAINES WILHEMS			PAMPLEMOUSSES	
3	LADY RAMGOOLAM MEDICLINIC	114,973	1	B.BASSIN (L.Twining St) AHC	71,754	2	L.MOUNTAIN COMM HOSPITAL	107,011
3	FLACQ AHC	40,357	5	CASTEL AHC	66,757	2	TRIOLET MEDICLINIC	182,233
3	BEL AIR AHC	135,550	5	CUREPIPE ROAD AHC	63,485	2	Arsenal CHC	11,568
3	BRAMSTHAN AHC	30,485	5	QUATRE BORNES AHC	67,384	1	Baie Du Tombeau CHC	34,883
3	Belle Mare CHC	30,230	5	ROSE HILL AHC	55,006	2	Bon Air CHC	24,655
3	Bon Accueil CHC	38,902	5	VACOAS (Club road) AHC	37,763	2	Calebasses (Human S.Trust) CHC	20,042
3	Camp De Masque Pavé CHC	36,835	5	Bassin CHC	25,010	2	Congomah CHC	10,978
3	Camp Ithier CHC	18,139	1	Beau Bassin (Odette Leal) CHC	40,730	2	Crève Coeur CHC	11,860
3	Caroline CHC	30,040	1	Coromandel CHC	15,077	2	D'Epinay CHC	8,709
3	Clemencia CHC	13,660	5	Floreale CHC	20,429	2	Fond Du Sac CHC	41,321
3	Dr Saxena (Pellegrin) CHC	32,745	5	Forest Side CHC	52,836	1	Le Hochet (S.K.Patel) CHC	24,418
3	Ecroignard CHC	16,581	5	Glen Park CHC	45,139	2	Pamplemousses CHC	32,490
3	G.R.S.E CHC	10,354	5	Highlands CHC	11,822	2	Petite Julie CHC	5,314
3	Lalmatie CHC	41,068	5	Midlands CHC	14,540	2	Plaine Des Papayes CHC	35,841
3	La Lucie Roy CHC	15,977	5	Pandit Sahadeo (Vacoas) CHC	34,998	2	Pointe Aux Piments CHC	18,815
3	Laventure CHC	18,095	5	Phoenix CHC	21,514	2	Terre Rouge CHC	53,287
3	Mare La Chaux CHC	7,757	5	SSR (Ollier) CHC	25,518	2	Trou aux Biches	12,212
3	Medine Camp De Masque CHC	25,802	5	Stanley CHC	63,440	2	Villebague CHC	10,411
3	Olivia CHC	15,846	5	Trefles (Jacques Rougeot)CHC	76,516		TOTAL	646,048
3	Pellegrin (R.F.Palmer) CHC	10,628	5	Swami Krishnanand (H/Rood) CHC	11,072		BLACK RIVER	
3	Poste De Flacq CHC	40,921	5	La Caverne CHC	36,479			
3	Quatre Cocos CHC	31,690	5	Wootton CHC	27,974	5	DR CANTIN Comm. HOSPITAL	58,119
3	Quatre Soeurs CHC	21,852		TOTAL	885,243	1	BAMBOUS AHC	95,744
1	St Julien D'Hotman CHC	18,384				1	Albion CHC	12,072
3	St Julien Village CHC	12,099		MOKA		5	Beaux Songes CHC	24,455
3	Sebastopol (Lesur) CHC	19,243	3	DR MAHLER(Mt. Blanche)AHC	57,083	5	Case Noyale CHC	11,901
3	Trou D'Eau Douce CHC	25,480	1	QUARTIER MILITAIRE AHC	42,968	5	Chamarel CHC	22,649
			1	DR QUENUM (St Pierre) AHC	50,423	5	Flic En Flac CHC	25,656
	TOTAL	853,693	1	Camp Thorel CHC	25,315	5	Shri R Jugnauth (Palma) CHC	32,700
			1	Dagotiere CHC	38,844	5	La Gaulette CHC	9,792
	SAVANNE		5	Dubreuil CHC	25,483	1	M. Leal (La Tour Koenig) CHC	39,810
4	CHEMIN GRENIER AHC	93,322	1	L'Avenir CHC	16,059	1	Petite Riviere CHC	54,950
4	TYACK AHC	54,789	1	La Laura CHC	6,034	5	Pointe Aux Sables CHC	18,389
4	Baie Du Cap CHC	22,193	1	M.de Speville (Esp/Q.M.) CHC	16,995	5	Tamarin CHC	3,790
4	Camp Diable CHC	9,041	3	Melrose CHC	17,299			
4	Chamouny (Prof.Cerene) CHC	34,856	1	Moka CHC	17,084		TOTAL	410,027
4	Grand Bois CHC	45,242	1	Pailles CHC	53,674			
			1	Pailles West CHC	13,449		PORT LOUIS	
	TOTAL	259,443	1	Providence CHC	16,702	1	DR Hyderkhan(P/Verte) Mediclinic	179,694
			1	Ripailles CHC	5,575	1	DR BOULOUX (Cassis) AHC	55,365
				TOTAL	402,987	1	Cité La Cure (Dr Mahler) CHC	30,692
						1	Eastern CHC	14,957
	RIVIERE DU REMPART					1	Roche Bois CHC	38,051
2	GOODLANDS MEDICLINIC [#]	180,000		GRAND PORT		1	Sainte Croix CHC	59,324
2	RIVIERE DU REMPART AHC	106,076	4	L'ESCALIER MEDICLINIC	45,919	1	Tranquebar CHC	52,614
2	Amaury CHC	15,841	4	ROSE BELLE AHC	58,572	1	Vallee Des Pretres CHC	21,229
2	Barlow CHC	9,832	4	Bambous Virieux CHC	15,058	1	Vallee Pitot CHC	40,162
2	Belle Vue Maurel CHC	11,126	4	Cluny CHC	6,236			
2	Cap Malheureux CHC	21,274	4	Grand Sable CHC	31,974		TOTAL	492,088
2	Cottage CHC	30,213	4	Mare D'Albert CHC	13,225			
2	Esp.Trébuchet (K.Ramdane) CHC	21,701	4	Mare Tabac CHC	12,651			
2	Grand Bay CHC	38,078	4	New Grove CHC	47,503			
2	Grand Gaube CHC	44,629	4	Nouvelle France CHC	20,666		ISLAND TOTAL **	5,032,641
2	Petit Raffray CHC	42,372	4	Old Grand Port CHC	23,883		of which in Health Regions ^{ss}	
2	Piton CHC	40,510	4	Plaine Magnien CHC	78,945		Region 1 (Dr Jeetoo Hospital)	1,221,421
2	Plaines Des Roches CHC	14,393	4	Riviere Des Creoles CHC	23,780		Region 2 (SSRN Hospital)	1,231,292
2	Poudre D'Or CHC	29,995	4	Riviere Du Poste CHC	12,509		Region 3 (Flacq Hospital)	909,691
2	Roches Noires CHC	23,503	4	Saint Hubert CHC	12,613		Region 4 (J.Nehru Hospital)	698,010
2	Vale CHC	15,002	4	Trois Boutiques CHC	35,033		Region 5 (Victoria Hospital)	972,227
	TOTAL	644,545		TOTAL	438,567			

* based on monthly returns received and adjusted for under/over reporting and on yearly trends.

No return has been received from Goodlands Mediclinic . The total attendances of this centre is estimated based on total cases seen by doctor.

** at Community Hospitals (165,130), Mediclinics (702,819), Area Health Centre (1,182,883) and Community Health Centre (2,981,809).

** excluding MCH (273,397), Vaccination (148,139), Family Planning (50,412) and Dental (176,821)

** of which 2,060,940 cases seen by doctor (including 99,521 at L.Mountain and Y.Cantin Community Hospitals).

^{ss} excluding Out-patient at hospitals

SUMMARY ON PRE-PRIMARY SCHOOL HEALTH PROGRAMME - 2019

DISTRICT ACTIVITY AND RESULT	PORT LOUIS	PAMPLEMOUSSES	RIV. DU REMPART	FLACQ	GRAND PORT	SAVANNE	PLAINES WILHEMS	MOKA	BLACK RIVER	ISLAND OF MAURITIUS	RODRIGUES	REPUBLIC OF MAURITIUS
SCREENING BY NURSING STAFF												
<i>No. of schools visited</i>	93	63	45	79	63	56	138	47	48	632	-	632
<i>No. of children on roll</i>	3,369	1,928	1,393	2,347	1,909	1,567	4,603	1,661	1,735	20,512	-	20,512
<i>No. of children screened</i>	2,836	1,572	1,256	2,005	1,697	1,387	3,980	1,443	1,498	17,674	-	17,674
Scabies	2	1	-	-	3	0	4	-	1	11	-	11
Nits and lice	101	53	55	51	57	64	290	78	76	825	-	825
Dental carries	489	348	312	245	262	211	568	344	365	3,144	-	3,144
No. of children referred to dentist	429	192	194	248	262	211	323	345	366	2,570	-	2,570
No. of children referred to M.C.H. clinics for immunization	693	327	152	31	202	61	588	262	382	2,698	-	2,698

SUMMARY ON PRIMARY SCHOOL HEALTH PROGRAMME - 2019

DISTRICT ACTIVITY AND RESULT	Normal Schools									Specialised Schools [#]	ISLAND OF MAURITIUS	RODRIGUES	REPUBLIC OF MAURITIUS
	PORT LOUIS	PAMPLEMOUSSES	RIV. DU REMPART	FLACQ	GRAND PORT	SAVANNE	PLAINES WILHEMS	MOKA	BLACK RIVER				
SCREENING BY NURSING STAFF													
<i>No. of schools visited</i>	37	30	25	35	29	18	68	26	19	25	312	13	325
<i>No. of children on roll</i>	10,794	6,863	6,097	5,412	6,473	4,373	21,576	3,712	3,541	860	69,701	2,161	71,862
<i>No. of children screened</i>	3,858	5,532	5,960	4,523	4,182	2,746	8,091	1,743	2,488	598	39,721	2,103	41,824
Scabies	0	1	0	0	0	1	2	0	2	0	6	0	6
Nits and lice	405	312	341	178	198	168	408	75	248	28	2,361	0	2,361
Dental problems	1,301	1,158	1,437	697	779	413	1,235	356	578	57	8,011	141	8,152
No. of children referred to dentist	553	790	1,031	667	760	410	547	330	626	31	5,745	131	5,876
VISION SURVEY (Std III,V& VI)													
<i>No. of children screened</i>	2,944	1,964	2,059	318	2,094	1,370	6,031	1,434	1,254	6	19,474	1,045	20,519
<i>No. with defective vision</i>	261	89	97	126	128	56	247	64	24	0	1,092	45	1,137
<i>No. referred to specialists</i>	42	77	97	126	127	56	175	43	26	0	769	44	813
IMMUNIZATIONS PERFORMED													
D.T - POLIO (New entrants)	1309	860	723	1079	875	590	3014	661	474	56	9,641	441	10,082
MMR (New entrants)	28	117	166	178	324	155	2810	74	288	134	4,274	424	4,698
Tetanus Toxoid (School leavers)	1503	1287	1089	1406	997	730	3741	789	681	103	12,326	460	12,786

[#] mostly in Plaines Wilhems (14), Port Louis (4), Grand Port (3), Pamplemousses (3) and Moka (1)

Primary School Health Statistics - 2019

ISLAND OF MAURITIUS

SCREENING BY NURSING STAFF IN :	NORMAL SCHOOLS						Specialised schools (ss#)	Total
STANDARD:	I	II	III	IV	V	VI		
Number of children on roll	11,275	9,938	11,886	10,476	12,907	12,359	860	69,701
Number of children screened	9,382	2,068	8,106	2,351	11,183	6,033	598	39,721
Number of children having the following :								
Scabies	4	0	0	1	1	0	0	6
Nits and/or lice	515	130	451	173	791	273	28	2,361
Dental caries	2,706	454	1,425	427	2,327	615	57	8,011
<i>of whom referred to dentist</i>	1,838	369	1,114	336	1,479	578	31	5,745

#: specialised Schools

VISION SURVEY ON CHILDREN IN:	STANDARD:		III	V	VI	SS	Total
Number of children surveyed			10,799	11,244	286	6	22,335
Number of children with visual problem			436	654	0	0	1,090
<i>of whom referred to eye specialist</i>			321	448	0	0	769

IMMUNIZATION PERFORMED	Normal Schools	SS#	TOTAL
MMR (Standard I)	4,140	134	4,274
D.T - Polio (Standard I)	9,585	56	9,641
Tetanus (Standard VI)	12,223	103	12,326

ISLAND OF RODRIGUES

SCREENING BY NURSING STAFF IN :	STANDARD:						Total
STANDARD:	I	II	III	IV	V	VI	Total
Number of children on roll	341	366	377	360	349	368	2,161
Number of children screened	331	357	366	351	338	360	2,103
Number of children having the following :							
Scabies	0	0	0	0	0	0	0
Nits and/or lice	0	0	0	0	0	0	0
Dental caries	17	37	31	15	22	19	141
<i>of whom referred to dentist</i>	17	27	31	15	22	19	131

VISION SURVEY ON CHILDREN IN:	STANDARD:		III	V	VI	Total
STANDARD:			III	V	VI	Total
Number of children surveyed			540	505	0	1,045
Number of children with visual problem			24	21	0	45
<i>of whom referred to eye specialist</i>			24	20	0	44

IMMUNIZATION PERFORMED	
MMR (Standard I)	424
D.T - Polio (Standard I)	441
Tetanus (Standard VI)	460

Summary Statistics on Noise Monitoring performed by the Environmental Health Engineering Unit

Year	Number of Complaints Received & Attended	Number of Complaints justified	Number of Notices Served	Noise Monitoring Surveillance *	
				Number of visits	Cases with noise above permissible levels
2010	620	203	25	1,553	118
2011	562	203	14	1,751	103
2012	626	229	8	1,753	96
2013	657	292	32	1,622	76
2014	859	374	26	1,489	54
2015	777	323	27	1,588	29
2016	738	381	15	1548	28
2017	715	339	7	1728	40
2018	685	333	3	1,757	35
2019	570	278	3	1,568	37

* during weekends and after office hours.

Republic of Mauritius
Cash Gift Coupons distributed at government MCH Clinics

Year	Mauritius				Rodrigues			
	No of Cash Coupons				No of Cash Coupons			
	First	Second	Third	Fourth	First	Second	Third	Fourth
2009	7,730	10,023	9,412	7,177	424	683	608	480
2010	7,519	9,493	8,623	7,010	469	629	561	510
2011	7,306	9,057	7,965	6,147	618	622	531	440
2012	6,888	8,977	7,608	5,805	547	586	502	375
2013	6,705	8,645	7,301	5,566	495	573	529	407
2014	6,526	7,941	6,740	5,391	337	541	531	429
2015	5,208	6,359	5,123	4,459	347	595	521	369
2016	6,453	6,860	5,536	5,199	507	555	438	279
2017	6,348	6,848	5,273	4,942	686	555	438	279
2018	5,903	7,027	5,257	4,571	620	674	528	352
2019	5,153	6,573	5,601	4,210	771	674	600	377

Statistics on Home Nursing Care Services

Health Region \ Year		Number of visits				
		2015	2016	2017	2018	2019
1	Port Louis	9,834	13,981	#	#	#
2	Pamplemousses / Riviere du Rempart	9,665	10,108	9,512	9,254	10,375
3	Flacq	11,486	9,552	7,008	6,806	5,812
4	Grand Port / Savanne	7,208	8,061	8,488	11,239	10,619
5	Plaine Wilhems	5,553	6,136	5,079	4,426	4,693
	Rodrigues	640	622	649	919	623
	TOTAL	44,386	48,460	....	....	....

data not received

.... data not available

SCREENING* OF PRIMARY & PRE-PRIMARY SCHOOL CHILDREN# - 2019

Children reported with:	Pre-primary	Primary
Abdominal pain	2	3
Pallor	25	14
Pityriasis versicolor	92	240
Skin diseases	134	419
Eye defects	37	92
Hearing impairment and other ear disorders	12	10
Speech disorders	118	16
Asthma (known)	31	51
Enlarged tonsils/tonsillitis	1	0
Upper respiratory tract infections	2	4
Congenital anomalies:		
<i>Cleft palate/lip</i>	1	4
<i>Congenital heart disease</i>	39	55
<i>Undescended testis</i>	6	10
Dyslexia	2	23
Mental & behavioural disorders	84	18
Underweight	118	289
Overweight	275	622
Other conditions	706	48
No. of children referred to specialists	142	721

* for specific diseases by doctor or nursing staff

all children not covered

ACTIVITIES OF THE DENTAL HEALTH SERVICE 2016-2019
PREVENTIVE SERVICE*

ACTIVITY	PLACE	POPULATION COVERED	2016	2017	2018	2019
FLUORIDE DISTRIBUTION TO CHILDREN	Well Baby Clinics in Area & Community Health Centres	No. of children 6-9 months	-	-	-	-
		No. of children 10-23 months	-	-	-	-
		No. of children 24-35 months	-	-	-	-
	Pre-Primary schools	No. of schools visited	-	-	-	-
		No. of pupils (3-5 years)	-	-	-	-
	TOTAL		- @	- @	- @	- @
ORAL HEALTH PROMOTION	Pre-Primary, Primary, & Secondary Schools	No. of pre-primary schools visited	232	137	109	91
		No. of pre-primary school children reached	7,602	6,598	3,204	2,774
		No. of primary schools visited	81	95	99	97
		No. of primary school children reached	30,929	24,762	27,143	22,773
		No. of secondary schools visited	1	1	-	-
		No. of secondary school children reached	185	292	-	-
	Other places (community)	No. of nursing mothers reached in well-baby clinics	-	-	-	-
		No. of persons reached in SWC/COM/other centres	85	538	-	-
		No of persons screened in mobile dental clinics				
TOTAL		38,801	32,190	30,347	25,547	

Source: Dental Health Services

* drastic changes due to administrative reasons

@ no fluoride distribution to children

of which 176,821 seen at Primary Health Care Centres (2019)

Dental care	Number				
	2015	2016	2017	2018	2019
<u>EXTRACTION AND TOOTH RESTORATION</u>					
Deciduous teeth extracted	24,514	22,537	21,014	18,372	16,477
<u>School children</u>					
Temporary fillings inserted in : deciduous teeth	6,361	6,968	6,617	5,740	4,737
permanent teeth	3,122	3,392	2,193	1,753	1,617
Permanent fillings inserted : amalgam	4,443	3,948	4,225	3,045	2,372
composite	1,090	1,398	934	775	789
Permanent teeth extracted	901	653	886	545	522
<u>Adults</u>					
Temporary fillings inserted	59,739	61,456	58,076	49,698	48,244
Permanent fillings inserted : amalgam	30,272	31,273	33,232	30,933	31,258
composite	20,557	19,392	19,765	20,389	21,535
Teeth extracted	57,602	50,971	52,405	49,118	47,617
<u>OTHER DENTAL CARE</u>					
Treatment of paradontal disease	31,815	37,912	34,300	29,141	28,965
Surgical operations on jaws, etc.	5,290	4,924	5,418	5,080	5,256
Treatment of fracture of jaws	310	318	335	285	367
Endodontic treatment	4,059	4,309	4,330	4,074	4,295
Treatment of dental cysts	213	172	214	282	355
Treatment of temporo-mandibular joint	714	805	707	464	535
Application of pit and fissure sealants	5,163	2,617	4,158	2,866	1,491
Cases treated under general anaesthesia	1,074	947	800	1,573	1,446

Activity	Number				
	2015	2016	2017	2018	2019
No. of appliances delivered	1,027	923	802	691	769
No. of patients with cleft palate	56	85	103	132	107
No. of appliances activated	4,899	4,726	3,956	3,519	3,847
No. of appliances repaired	3	0	5	12	22

REPUBLIC OF MAURITIUS
Pathological tests carried out in public laboratories – 2019

Section	Island of Mauritius		Rodrigues		Republic of Mauritius	
	SPECIMENS	TESTS	SPECIMENS	TESTS	SPECIMENS	TESTS
Bacteriology	99,794	559,279	8,080	20,287	107,874	579,566
Biochemistry	4,923,180	6,916,887	205,866	292,335	5,129,046	7,209,222
Blood Transfusion	508,060	1,107,212	6,531	18,949	514,591	1,126,161
Cytology	10,136	12,891	-	-	10,136	12,891
Haematology	1,366,406	5,736,625	57,712	294,295	1,424,118	6,030,920
Histology	15,766	115,147	-	-	15,766	115,147
Parasitology	190,269	303,450	8,939	9,716	199,208	313,166
Virology & STI *	233,939	404,434	20,244	27,941	254,183	432,375
Total	7,347,550	15,155,925	307,372	663,523	7,654,922	15,819,448

* Sexually Transmitted Infections

Details of pathological tests carried out in Blood Transfusion Services – 2019

Tests	Island of Mauritius		Rodrigues		Republic of Mauritius	
	SPECIMENS	TESTS	SPECIMENS	TESTS	SPECIMENS	TESTS
Antenatal	13,133	57,772	738	1,476	13,871	59,248
Antibody Screening	1,216	6,586	50	506	1,266	7,092
Antigen Typing	2,090	21,402	-	-	2,090	21,402
Cord Blood	2,913	5,630	232	464	3,145	6,094
Cross-Matched Cases	36,090	108,270	932	2,796	37,022	111,066
Direct Coomb's test	855	855	45	45	900	900
Donor Testing	49,958	218,353	1,079	2,158	51,037	220,511
Human Leucocyte	1,001	2,635	-	-	1,001	2,635
Type & Screen	42,338	168,034	1,492	5,968	43,830	174,002
Unit of Blood XM'd	54,369	168,494	1,590	4,770	55,959	173,264
Grand Total	203,963	758,031	6,158	18,183	210,121	776,214

Selected Laboratory* Confirmed Cases of Communicable Diseases 2008– 2019

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Disease												
Gonorrhoea	5	3	5	12	23	15	44	31	56	104	181	212
Haemophilus influenza Type B	4	1	2	-	-	-	-	2	-	-	-	-
Hepatitis A	10	39	57	44	3	2	3	7	1	2	6	1
Hepatitis B	346	331	332	371	272	330	264	276	290	393	517	298
Hepatitis C	1,660	1,735	1,637	1,502	1,598	1,713	1,901	1,833	1,992	2,941	3,663	1,738
Leptospirosis	20	45	64	37	33	55	30	39	28	34	24	36
Meningitis Meningococcal	3	2	1	1	2	-	-	-	-	-	-	-
Syphilis	317	327	132	425	457	465	866	686	1087	1591	2401	2347
Typhoid Fever	-	-	3	2	1	3	-	3	2	-	-	1

* Government services

REPUBLIC OF MAURITIUS

POSITIVITY RATES OF PATHOLOGICAL TESTS CARRIED OUT IN PUBLIC LABORATORIES ON CERTAIN SELECTED PATHOGENIC CONDITIONS

Period: 2017 - 2019

PATHOGENIC CONDITION	2017			2018			2019		
	SPECIMENS TESTED	POSITIVE CASES		SPECIMENS TESTED	POSITIVE CASES		SPECIMENS TESTED	POSITIVE CASES	
		No.	RATE (%)		No.	RATE (%)		No.	RATE (%)
A. Communicable Diseases									
(I) Microbiology									
1. Stools	4,451			5,225			5,665		
(i) Selected parasites identified :		48	1.08		77	1.48		74	1.31
Entamoeba histolytica		-	0.00		11	0.21		7	0.12
Precystic amoebae		6	0.13		12	0.23		21	0.37
Trichuris ova		20	0.45		19	0.36		17	0.30
Ascaris ova		18	0.40		21	0.40		19	0.34
Giardia lamblia		-	0.00		9	0.17		7	0.12
Hookworm ova		2	0.04		1	0.02		1	0.02
Strongyloides larvae		2	0.04		3	0.06		2	0.04
Shistosoma ova		-	0.00		-	0.00		-	0.00
(ii) Selected bacterial pathogens:	2668			2,562			2,637		
Non-typhoidal salmonella		65	2.44		92	3.59		117	4.44
Campylobacter		48	1.80		41	1.60		39	1.48
Shigella species		-	0.00		-	0.00		2	0.08
Salmonella typhi		-	0.00		-	0.00		1	0.04
2. Throat Swabs	3404			2,665			2,517		
Streptococcus group A		113	3.32		102	3.83		70	2.78
3. Cerebrospinal Fluid (selected pathogens)	520			513			587		
Haemophilus influenzae type b		-	0.00		-	0.00		-	0.00
Streptococcus pneumoniae		3	0.58		3	0.58		3	0.51
Streptococcus group B		-	0.00		1	0.19		1	0.17
Cryptococcus neoformans		1	0.19		-	0.00		4	0.68
Neisseria meningitidis		-	0.00		-	0.00		-	0.00
4. Gonorrhoea	3,691	104	2.82	5,029	181	3.60	4,979	212	4.26
5. Malaria	71,473	28	0.04	79,160	37	0.05	88,155	41	0.05
6. Toxoplasma antibodies*	3,119	186	5.96	3,999	158	3.95	3,941	161	4.09
(II) Virology									
Hepatitis A	395	2	0.51	357	6	1.68	304	1	0.33
Hepatitis B (HBs Ag)	77,525	393	0.53	69,564	517	0.74	79,452	298	0.38
Hepatitis C	72,758	2,941	4.04	68,576	3,663	5.34	76,989	1,738	2.26
Cytomegalovirus	2,990	27	0.90	3,900	56	1.44	3,856	84	2.18
Leptospirosis	934	34	3.64	997	24	2.41	1,077	36	3.34
Chikungunya	1,525	3	0.20	1,427	1	0.07	3,943	1	0.03
Dengue	-	-	-	1,427	6	0.42	7,103	138	1.94
Syphilis (VDRL)	74,087	1,591	2.07	85,047	2,401	2.82	86,166	2,347	2.72
Human immuno-deficiency virus (HIV)	84,974	1,254	1.51	89,237	1,420	1.59	96,703	415	0.43
B. Non-Communicable Disease									
Cancer-related tests									
On histological examinations (tissue)	13,707	1,946	14.20	13,174	1,955	14.84	13,046	2,076	15.91
On cytological examinations (smears)	10,893	479	4.40	13,422	719	5.36	10,055	463	4.60
On haematological examinations (Bone marrow)	382	111	29.06	417	116	27.82	433	101	23.33

* IgM antibodies only

STATISTICS RELATING TO THE FIELDS OF BASIC SANITATION AND FOOD HYGIENE (2015-2019)

ACTIVITIES	2015	2016	2017	2018	2019
BASIC SANITATION					
No. of premises and other sites inspected	80,068	69,113	60,744	57,968	68,407
No. of notices issued	3,860	3,939	2,896	4,235	4,346
No. of sanitary contraventions	57	59	44	84	65
No. of cases sentenced	38	44	27	40	55
FOOD HYGIENE					
No. of inspections carried out	20,388	20,906	21,253	19,035	18,249
Foodstuffs unfit for consumption seized and destroyed	2,005,931	564,029	947,755	152,745	178,854
No. of contraventions	285	434	449	414	276
No. of cases sentenced	391	365	354	350	326
No of imported food containers examined	16,533	17,480	28,030	19,435	26,354
INSPECTION OF PUBLIC PLACES					
Cinema halls & other entertainment places	667	762	751	614	229
Dormitories (including Boarding Houses)	1,220	1,335	1,523	1,722	2,437
Industrial establishments	502	313	459	379	202
Schools	1,580	3,293	2,291	2,412	2,553
AIRPORT					
No. of planes disinfected on arrival	92	50	387	238	43
No. of passengers put under malaria surveillance	329,444	340,976	375,356	395,712	380,785
No. of passengers put under chikungunya	295,909	351,302	452,941	449,281	369,855
No. of passengers put under dengue surveillance	365,967	373,889	412,039	449,281	460,324
SEAPORT					
No. of ships given pratique	2,622	2,872	3,062	3,055	3,460
No. of ships inspected for issue of deratting exemption certificate	267	331	376	412	430
No. of deratting of ships performed	117	81	62	20	39

NB: Drastic changes due to administrative reason and/or unforeseen circumstances

Republic of Mauritius
Number of imported cigarette sticks*

Product	2015	2016	2017	2018	2019
Cigarettes (No of sticks)	986,480,000	857,960,000	998,293,000	1,003,931,000	1,041,080,000

Number of litres of imported or produced alcoholic products*

Product	2015	2016	2017	2018	2019
Beer	35,925,183	36,669,815	38,844,919	43,545,797	46,608,195
Wine	4,508,690	4,386,189	4,196,885	4,161,931	3,879,069
Spirits (including imported Rum, Whiskey Liquor and Compounded Spirits)	12,298,449	12,326,840	11,692,549	12,201,426	11,985,017
Total alcoholic products (litre)	52,732,322	53,382,844	54,734,353	59,909,154	62,472,281

* Source: Mauritius Revenue Authority

ACTIVITIES OF THE COMMUNITY BASED REHABILITATION® PROGRAMME 2015- 2019

ACTIVITY	YEAR				
	2015	2016	2017	2018	2019
SUMMARY FIGURES					
Number of disabled as at end-of-year	11,228	11,242	11,316	11,263	11,000
New cases of disabled registered during year	1,068	840	822	660	652
Number of visits to disabled	46,413	45,834	44,860	40,824	39,700
Number of referrals of disabled	6,726	6,703	6,147	5,671	5,225
Number of appliances delivered to disabled	1,432	1,258	1,284	1,058	998
Number of visits to institutions by staff	1,711	1,509	1,485	1,346	1,244
DETAILS OF REFERRALS OF DISABLED					
To social security offices	1,531	1,571	1,566	1,414	1,321
To hospitals	1,698	1,634	1,541	1,514	1,330
To health centres	2,243	2,177	1,944	1,764	1,706
To National Council for the Rehabilitation of the Disabled Persons (NCRD)	32	31	25	34	30
To orthopaedic workshop	589	570	548	469	439
To day care centres	238	192	142	124	85
To specialised schools	111	105	72	80	62
To Pre-Primary Schools	22	24	24	15	16
To Primary Schools	10	5	6	3	4
To other institutions	252	394	279	254	232
DETAILS OF APPLIANCES DELIVERED TO DISABLED					
Walking aids	653	471	549	469	487
Wheelchairs	451	410	406	340	259
Adapted appliances	161	207	185	105	109
Splints/calipers	41	40	57	33	16
Hearing aids	21	11	14	23	12
Artificial limbs	31	30	26	22	16
Other appliances*	74	89	47	88	86
DETAILS OF VISITS TO INSTITUTIONS BY STAFF					
Day care centres	409	345	331	294	242
Pre-primary schools	174	158	159	153	115
Specialised institutions	183	171	160	98	103
Primary schools	79	63	61	52	54
Social security offices	689	669	675	649	646
Other institutions	177	103	99	100	83

@ see page 53 for attendances at rehabilitation service departments

* including walking sticks

CASES REFERRED ABROAD BY GOVERNMENT HOSPITAL SERVICES

TREATMENT	2015	2016	2017	2018	2019
Eye	49	12	15	14	16
Neurosurgical	60	46	45	47	79
Cardiac	39	8	36	43	63
Other*	94	51	103 @	235 @	158 @
Total number of patients	242	117	199	339	316

* leukaemia, orthopaedics, Cancer and Renal transplant (10 in 2017, 9 in 2018 and 14 in 2019).

@ including Radio Therapy (4 in 2017, 143 in 2018 and 60 in 2019).

REPUBLIC OF MAURITIUS
NEW CASES OF CERTAIN NOTIFIABLE DISEASES^{##} REPORTED TO SANITARY AUTHORITIES 2001 – 2019

DISEASE YEAR	HIV / AIDS®		AMOEBIASIS	CHICKUNGUNYA	DENGUE	* FOOD POISONING	LEPROSY	LEPTOSPIROSIS	MALARIA			MEASLES\$	MENINGITIS#	DIPHTHERIA	TETANUS		TUBERCULOSIS**			TYPHOID	WHOOPIING COUGH (PERTUSSIS)‡
	MAURITIAN	NON-MAURITIAN							INDIGENEOUS	IMPORTED	INTRODUCED				NEO-NATORUM	NON-NEONATAL	PULMONARY		OTHER		
																	MAURITIAN	NON-MAURITIAN			
2001	55	14	8	-	-	23	-	3	-	63	3	1	14	-	-	1	112	-	1	1	-
2002	98	4	-	-	-	33	-	1	-	38	1	8	11	-	-	-	106	21	10	1	-
2003	225	15	-	-	-	60	-	3	-	40	-	679	10	-	-	-	107	14	3	2	-
2004	525	10	-	-	-	160	-	3	-	45	3	110	10	-	-	1	118	11	1	1	-
2005	921	7	-	1381&&	-	29	1	6	-	35	1	11	14	-	-	-	117	6	4	5	-
2006	542	13	1	11,165	-	78	-	6	-	38	-	3	4	-	-	-	104	7	4	4	-
2007	546	22	-	1&	-	766	1	9	-	42	-	13	18	-	-	1	97	11	-	15	1
2008	538	19	-	-	1&	129	-	3	-	27	-	12	12	-	-	-	102	4	2	6	-
2009	548	7	-	-	252&&	718	1	7	-	23	-	15	7	5	-	1	109	4	4	5	1
2010	568	12	-	5&	11&	156	2	28	-	52	-	-	5	-	-	-	106	11	6	3	-
2011	401	16	-	1&	8&	445	2	17	-	54	-	-	7	-	-	1	111	2	-	5	-
2012	320	7	-	1&	13&	264	-	16	-	30	3	-	3	-	-	-	122	6	2	4	-
2013	260	11	-	-	19&	390	1	25	-	49	-	-	2	-	-	-	111	11	8	5	-
2014	322	11	-	2&	64	169	3	16	-	19	1	-	1	-	-	-	96	23	6	1£	1
2015	262	7	1	-	91	82	2	30	-	32	-	-	1	-	-	-	105	23	1	1£	-
2016	319	10	-	7&	24	147	1	17	-	25	-	-	1	-	-	-	100	18	4	2£	-
2017	368	16	-	3&	13	208	-	23	-	28	-	-	-	-	-	-	110	9	2	-	-
2018	382	24	-	1&	6	65	2	18	1	37	3	1385	1	-	-	-	111	12	10	4£	-
2019	374	23	-	1&	152&&	83	1	24	-	41	-	98	-	-	-	-	100	16	10	2£	-

^{##} No cases of Schistosomiasis has been reported since 1998

[#] Cerebrospinal (Hib, Streptococcus pneumonia and neisseria)

^{*} In Rodrigues, 40 cases in 2015 , 36 in 2016, 36 in 2017, 28 in 2018 and 36 cases in 2019 (mostly fish poisoning)

[@] Human Immuno-Deficiency Virus / Acquired immuno-deficiency syndrome

[£] mostly imported/secondary to imported cases (as from 2014)

^{\$} Sources include hospitals and laboratories

^{**} Forms of tuberculosis notifiable in Mauritius are : respiratory, skeletal, of meninges and central nervous system

[&] imported/secondary to imported cases only

^{&&} outbreak localised mostly in Port Louis

See page 89 for data on Sexually Transmitted Infections

REPUBLIC OF MAURITIUS
DISTRIBUTION OF NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES BY MONTH - 2019

DISEASE	HIV / AIDS®		FOOD POISONING	GONORRHOEA	DENGUE	LEPTOSPIROSIS	MALARIA	SYPHILIS#	TUBERCULOSIS *		FILARIASIS
	MAURITIAN	NON-MAURITIAN					IMPORTED		PULMONARY	OTHER	
MONTH											
JANUARY	27	2	6	15	-	4	2	21	5	-	4
FEBRUARY	41	1	8	9	2	2	3	35	8	-	12
MARCH	31	1	6	5	57	1	1	28	16	3	26
APRIL	35	4	3	8	64	4	-	26	12	1	34
MAY	29	-	6	13	10	3	4	25	2	1	11
JUNE	33	2	12	8	4	-	7	24	15	1	22
JULY	23	2	6	27	7	1	6	50	3	-	9
AUGUST	41	-	6	8	1	2	3	16	11	-	11
SEPTEMBER	28	3	1	12	3	3	5	21	18	2	1
OCTOBER	33	2	7	14	2	2	3	31	7	-	2
NOVEMBER	25	3	8	8	1	1	-	21	7	-	15
DECEMBER	28	3	14	9	1	1	7	17	12	2	13
TOTAL	374	23	83	136	152	24	41	315	116	10	160

© Human Immuno-Deficiency Virus / Acquired immuno-deficiency syndrome

* Forms of tuberculosis notifiable in Mauritius are : respiratory, skeletal, of meninges and central nervous system

excluding Rodrigues

REPUBLIC OF MAURITIUS

DISTRIBUTION OF NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES BY DISTRICT - 2019

DISEASE	HIV / AIDS® (MAURITIAN)	FOOD POISONING	GONORRHOEA	DENGUE		LEPTOSPIROSIS	MALARIA	SYPHILIS	TUBERCULOSIS PULMONARY
				LOCALLY TRANSMITTED	IMPORTED		IMPORTED		MAURITIAN
DISTRICT									
PORT LOUIS	124	-	6	120		1	7	63	26
PAMPLEMOUSSES	49	3	20	3		7	5	70	11
RIVIERE DU REMPART	24	7	8	4		-	5	24	10
FLACQ	18	9	12	1		5	1	18	10
GRAND PORT	20	3	7	1		3	1	15	6
SAVANNE	5	20	-	-		3	5	5	3
PLAINES WILHEMS	89	3	59	3		2	9	85	16
MOKA	7	1	-	-		2	1	5	3
BLACK RIVER	23	1	23	-		1	7	17	12
RODRIGUES	15	36 *	1	-		-	-	13	3
TOTAL	374	83	136	132	20	24	41	315	100

@ Human Immuno-Deficiency Virus / Acquired immuno-deficiency syndrome

* mostly fish poisoning

REPUBLIC OF MAURITIUS

DISTRIBUTION OF CERTAIN NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES

BY AGE-GROUP AND SEX - 2019

DISEASE & SEX AGE-GROUP (YEARS)	HIV / AIDS [@]		FOOD POISONING		GONORRHOEA [#]		MALARIA (IMPORTED)		SYPHILIS [#]		PULMONARY TUBERCULOSIS MAURITIAN/NON- MAURITIAN	
	MAURITIAN											
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Less than 1 0	1	3	4	5	1	-	-	-	-	3	-	1
10 - 19	6	14	8	2	18	1	1	-	4	41	1	1
20 - 29	62	42	7	8	60	8	11	2	57	75	12	10
30 - 39	64	35	11	6	25	4	10	1	51	35	20	6
40 - 49	48	30	10	5	10	2	8	-	23	12	17	4
50 - 59	24	18	5	6	5	-	1	2	8	4	20	5
60 & over	15	12	-	6	2	-	5	-	2	-	11	8
TOTAL	220	154	45	38	121	15	36	5	145	170	81	35

@ Human Immuno-Deficiency Virus / Acquired immuno-deficiency syndrome

excluding Rodrigues

See page 89 for additional statistics on Sexually Transmitted Infections

ISLAND OF MAURITIUS

ACUTE FLACCID PARALYSIS (AFP) SURVEILLANCE* 2012-2019

YEAR	2012	2013	2014	2015	2016	2017	2018	2019
Number of AFP reported cases	6	5	6	6	7	8	7	7
Rate per 100,000 population <15 years	2.3	1.9	2.4	2.4	2.9	3.4	3.1	3.2

* Republic of Mauritius

DISEASE SURVEILLANCE AT HOSPITAL LEVEL[#] - 2019

DISEASE MONTH	Gastro- enteritis	Upper respiratory tract infection ¹	Conjunctivitis ²	Fever
January	3,997	16,517	1,145	2,535
February	3,787	19,463	1,202	2,750
March	3,572	17,984	1,238	2,773
April	2,791	14,672	1,104	2,312
May	2,955	18,926	1,120	2,142
June	3,643	19,114	1,037	2,364
July	4,682	23,572	1,074	2,983
August	4,603	23,966	1,278	3,032
September	4,362	27,965	1,357	3,052
October	3,467	20,615	1,328	2,231
November	2,760	13,251	1,362	1,855
December	2,953	10,366	1,163	1,392
Year	43,572	226,411	14,408	29,421

General Hospitals (including Long Mountain)

1. including ENT Hospital

2. including Moka (Eye) Hospital

NEW CASES ATTENDING AREA AND COMMUNITY HEALTH CENTRES - 2019

DISEASE MONTH	Gastro- enteritis	Upper respiratory tract infection [*]	Conjunctivitis	Scabies
January	7,025	26,033	2,404	459
February	7,186	32,066	2,422	455
March	7,146	30,076	2,874	420
April	6,354	27,033	2,270	456
May	6,747	36,357	2,500	433
June	6,815	36,102	2,239	359
July	8,729	41,372	2,629	442
August	7,969	38,893	2,368	371
September	7,659	44,044	2,487	342
October	6,135	34,252	2,538	356
November	5,766	21,196	2,575	302
December	5,527	15,828	2,364	312
Year	83,058	383,252	29,670	4,707

* Source: Health Records Division

STATISTICS RELATING TO NOTIFICATION OF HIV / AIDS CASES AND DEATHS 1987 – 2019

PERIOD	NEW CASES OF HIV / AIDS NOTIFIED ®									DEATHS REGISTERED AMONG HIV / AIDS CASES (MAURITIAN)##			of which HIV as underlying cause of death **
	MAURITIAN			NON-MAURITIAN			TOTAL						
	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	
1987-1999	113	58	171	49	10	59	162	68	230	38	13	51	...
2000	32	18	50	3	4	7	35	22	57	10	3	13	...
2001	34	21	55	12	2	14	46	23	69	5	3	8	...
2002	59	39	98	3	1	4	62	40	102	9	4	13	...
2003	167	58	225	12	3	15	179	61	240	11	8	19	...
2004	464	61	525	8	2	10	472	63	535	16	6	22	...
2005	815	106	921	5	2	7	820	108	928	38	6	44	21
2006	455	87	542	9	4	13	464	91	555	35	9	44	31
2007	452	94	546	16	6	22	468	100	568	56	13	69	65
2008	402	136	538	12	7	19	414	143	557	55	7	62	52
2009	436	112	548	6	1	7	442	113	555	43	5	48	47
2010	433	135	568	8	4	12	441	139	580	89	15	104	93
2011	298	103	401	10	6	16	308	109	417	95	16	111	108
2012	215	105	320	6	1	7	221	106	327	106	10	116	105
2013	151	109	260	7	4	11	158	113	271	99	15	114	102
2014	190	132	322	7	4	11	197	136	333	100	15	115	103
2015	155	107	262	4	3	7	159	110	269	99	9	108	87
2016	190	129	319	7	3	10	197	132	329	119	30	149	124
2017	224	144	368	11	5	16	235	149	384	107	24	131	124
2018	218	164	382	14	10	24	232	174	406	111	15	126	123
2019	220	154	374	11	12	23	231	166	397	120	30	150	147
TOTAL	5,723	2,072	7,795	220	94	314	5,943	2,166	8,109	1,361	256	1,617	

2019 figures are provisional

** ICD-10

STATISTICS RELATING TO HIV TESTS CARRIED OUT AT VIROLOGY LAB 2019

CATEGORY	Number of tests
Blood donors - Island of Mauritius	48,374
Blood donors - Island of Rodrigues	1,461
Immigrant workers /Expatriates	7,148
Renal Dialysis Patients	4,291
Cardiac Surgery and Other Hospital Patients	11,593
Hospital Patients - Island of Rodrigues	1,396
Antenatal cases screened - Island of Mauritius	11,118
Antenatal cases screened - Island of Rodrigues	892
Persons of high risk groups*	2,329
Prison Inmates	7,085
Others [#]	1,026
TOTAL TESTS	96,713

* Commercial Sex workers, Injecting drug users and Homo/bisexual

including persons referred to lab services for confirmation after undergone voluntary rapid tests.

NB: (a) 16 positive cases have been detected among blood donors. (15 in Mauritius and 1 in Rodrigues)

(b) 124 positive cases have been detected among pregnant women in 2019 (45 new cases and 79 known cases) including 4 cases in Rodrigues (all new).

SELECTED STATISTICS ON PRIVATE HEALTH INSTITUTIONS * 2005 – 2019

YEAR	NUMBER OF PRIVATE CLINICS	NO. OF BEDS AS AT 31ST DEC.	Live births		number of Still-births	Births		
			No.	% Low Birth Weight		Total	% Caesarian on Total	% Births @ in whole Island
2005	12	517	2,837	7.4	10	2,847	48.4	15.7
2006	13	562	2,784	7.3	16	2,800	45.8	16.6
2007	13	550	2,758	9.2	8	2,766	50.0	16.9
2008	17	582	3,033	7.9	15	3,048	50.1	19.4
2009	19	807	2,950	8.4	18	2,968	52.3	20.1
2010	17	759	3,064	10.7	6	3,070	53.3	21.3
2011	17	706	3,080	9.7	20	3,100	56.3	21.9
2012	17	705	3,051	10.5	13	3,064	53.3	22.0
2013	17	690	3,085	12.0	12	3,097	54.4	23.8
2014	17	656	3,422	12.2	24	3,446	56.6	26.8
2015	17	647	3,245	13.1	25	3,270	54.9	26.9
2016	17	653	3,570	15.0	36	3,606	57.8	28.9
2017	17	664	3,618	12.0	32	3,650	57.9	29.0
2018	19 #	724	3,676	11.1	44	3,720	59.3	30.1
2019	19 #	730	3,639	15.0	36	3,675	62.1	30.2

@ registered live births and stillbirths

* with in-patient medical treatment services

2 new clinics (Aegle Clinic and Les Mariannes Wellness Clinic)

ADMISSIONS AND OTHER ATTENDANCES AT PRIVATE HEALTH INSTITUTIONS - 2019

Period	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Whole Year
Number	69,777	68,106	71,421	71,752	281,056*

DELIVERIES IN PRIVATE HEALTH INSTITUTIONS - 2019

TYPE OF DELIVERY	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Whole Year
Normal [#]	240	286	259	262	1,047
Caesarian	555	602	512	609	2,278
Instrumental	74	117	73	81	345
Total	869	1,005	844	952	3,670

including 182 by ventouse performed at Wellkin Hospital (188 in 2018)

DISTRIBUTION OF CASES TREATED AT PRIVATE HEALTH INSTITUTIONS * BY CAUSE AND SEX - YEAR 2019

I.C.D. CHAPTER	CAUSE OF ATTENDANCE (including admissions) (W.H.O. International Classification of Diseases 10th Revision)	Number [#]		
		MALE	FEMALE	TOTAL
I	Infectious colitis,enteritis,gastroenteritis and diarrhoea	1,693	2,058	3,751
	Septicaemia and other infectious and parasitic diseases	328	269	597
II	Malignant Neoplasms (Cancer, Hodgkin's, lymphoma, leukemia etc.)	702	1218	1,920
	Benign and other Neoplasms (Fibroid of uterus, carcinoma in situ, brain tumor etc.)	72	356	428
III	Anemias	276	527	803
	Coagulation defects and other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	89	48	137
IV	Diabetes Mellitus and related complications (coma, cataract,gangrene, renal, etc.)	764	726	1,490
	Disorders of thyroid & other endocrine, nutritional and metabolic diseases	255	303	558
V	Alcoholism	164	94	258
	Depression and other mental and behavioural disorders	156	192	348
VI	Epilepsy and other diseases of the nervous system	278	285	563
VII	Diseases of the eye & adnexa	9,386	7,917	17,303
VIII	Diseases of the ear & mastoid process	663	751	1,414
IX	Hypertension and related complications (renal , heart etc.)	859	807	1,666
	Myocardial, Ischaemic and other heart disease	1,185	636	1,821
	Stroke and other cerebrovascular diseases	347	262	609
	Varicose veins and haemorrhoids	387	405	792
	Hypotension and other diseases of the circulatory system	818	579	1,397
X	Influenza and pneumonia	1020	899	1,919
	Bronchitis & bronchiolitis	1,539	1,514	3,053
	Sinusitis & rhinitis	676	730	1,406
	Asthma	223	261	484
	Emphysema and other diseases of the respiratory system	1044	981	2,025
XI	Gastritis & duodenal ulcer	517	492	1,009
	Appendicitis and hernia	412	280	692
	Pancreas and liver diseases	254	128	382
	Calculus (stone) of gallbladder and bile duct	218	191	409
	Gastritis and other diseases of the digestive system	1,716	1,765	3,481
XII	Lupus erythematosus and other diseases of the skin and subcutaneous tissue	573	495	1,068
XIII	Rheumatism and other diseases of the musculoskeletal system and connective tissue	1,247	1,013	2,260
XIV	Diseases of the genital organs, including breast and menstrual disorders	451	1,729	2,180
	Renal failure	178	101	279
	Cystitis and other diseases of the genitourinary system	864	744	1,608
XV	Complications following spontaneous and other abortions		238	238
	Deliveries and other conditions associated with pregnancy, childbirth and the puerperium		2,567	2,567
XVI	Certain conditions originating in the perinatal period (newborns)	89	95	184
XVII	Congenital malformations, deformations and chromosomal abnormalities	53	14	67
XVIII	Fever , headache, pain all over, malaise and fatigue, senility, syncope and collapse	2,091	2,436	4,527
	All other symptoms, signs and ill-defined conditions	634	565	1,199
XIX & XX	Fractures and other injuries	1,337	1068	2,405
	Adverse effects & other poisonings	129	159	288
XXI	Attendances/admissions for observations, examinations or investigations only	47,666	50,155	97,821
	Sub-Total	81,353	86,053	167,406
	Not classified by cause @	53,445	60,205	113,650
	GRAND TOTAL	134,798	146,258	281,056

* Clinic/hospital with medical treatment services

based on data with details on diseases received from 19 institutions and adjusted for under/over reporting

@ at Wellkin Hospital

ISLAND OF MAURITIUS
SURGICAL OPERATIONS AND PROCEDURES

PERFORMED AT PRIVATE HEALTH INSTITUTIONS* - 2019

Body Site/Type of intervention		MALE	FEMALE	BOTH SEXES	
				NUMBER	%
1.	Brain, spinal and other nervous system	60	35	95	0.4
2.	Thyroid, adrenal and other endocrine system	87	135	222	1.0
3.	Eye and adnexa	1,117	1,163	2,280	£ 10.3
4.	Ear and mastoid process	163	156	319	1.4
5.	Nose, mouth and pharynx	558	685	1,243	5.6
6.	Lung, diaphragm and other respiratory system	164	135	299	1.3
7.	Heart, arteries, veins and other cardiovascular system	184	209	393	1.8
8.	Bone marrow, lymph nodes, spleen and other blood and blood forming organs	20	18	38	0.2
9.	Stomach, duodenal, appendix, gallbladder and other digestive system (incl. proctological)	2,305	2,208	4,513	20.3
10.	Kidney, ureter, bladder and other urinary system	839	388	1,227	5.5
11.	Prostate, testis, penis and other male genital organs	730		730	3.3
12.	Ovary, uterus, vagina and other gynaecological procedures		2,815	2,815	12.7
13.	Antepartum, labour, delivery and postpartum procedures		1,064	1,064	4.8
14.	Neck, spine, pelvis, limbs and other musculoskeletal system	1,163	1,070	2,233	10.1
15.	Dermatological and plastic procedures (skin, soft tissue)	1,302	1,014	2,316	10.4
16.	Breast	41	611	652	2.9
17.	Diagnostic, therapeutic, client support and other non-invasive and cognitive interventions	835	942	1,777	8.0
TOTAL (classified interventions)		9,568	12,648	22,216	100.0
18.	Interventions not classified by body site/type	2,179	2,789	4,968	#
TOTAL (interventions)		11,747	15,437	27,184	

* with medical treatment services

at Wellkin Hospital

£ including 984 at Dr Agarwal Eye Hospital

**CERTAIN PRINCIPAL CAUSES OF GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS)
BY SEX - 2019**

CAUSE (I.C.D - 10)		MALE		FEMALE		TOTAL	
		No.	%	No.	%	No.	%
1	Deliveries (including by caesarian etc)		0.0	6,595	7.5	6,595	4.1
2	Diarrhoea and gastroenteritis of presumed infectious origin	1,767	2.4	2,686	3.1	4,453	2.8
3	Acute Upper Respiratory infections	2,392	3.3	2,473	2.8	4,865	3.0
4	Diabetes mellitus	2,115	2.9	2,040	2.3	4,155	2.6
5	Acute myocardial infarction and other ischaemic heart diseases	3,438	4.7	1,919	2.2	5,357	3.3
6	Gastritis and duodenitis	2,086	2.9	2,103	2.4	4,189	2.6
7	Abdominal and pelvic pain	1,180	1.6	1,472	1.7	2,652	1.7
8	Fractures	2,366	3.3	1,449	1.7	3,815	2.4
9	Hypertensive disease	1,453	2.0	2,161	2.5	3,614	2.3
10	Infections of the skin and subcutaneous tissue	1,838	2.5	1,170	1.3	3,008	1.9
11	Dorsopathies	1,362	1.9	1,117	1.3	2,479	1.5
12	Cerebrovascular disease	2,033	2.8	1,560	1.8	3,593	2.2
13	Anaemias	786	1.1	1,993	2.3	2,779	1.7
14	Mental and behavioural disorders due to use of alcohol	2,893	4.0	399	0.5	3,292	2.1
15	Non-inflammatory disorders of female genital tract		0.0	1,971	2.2	1,971	1.2
16	Asthma	835	1.1	1,284	1.5	2,119	1.3
17	Poisonings and toxic effects of drugs and other substances	851	1.2	919	1.0	1,770	1.1
18	Malaise and fatigue	662	0.9	1,039	1.2	1,701	1.1
19	Dyspnoea and other abnormalities of breathing	520	0.7	543	0.6	1,063	0.7
20	Pain in throat and chest	640	0.9	381	0.4	1,021	0.6
21	Epilepsy	967	1.3	755	0.9	1,722	1.1
22	Fever of unknown origin	349	0.5	300	0.3	649	0.4
23	Calculus of kidney and ureter	725	1.0	363	0.4	1,088	0.7
24	Convulsions, elsewhere classified (excluding newborns)	895	1.2	552	0.6	1,447	0.9
25	Nausea and vomiting	302	0.4	412	0.5	714	0.4
26	Diseases of male genital organs	1,458	2.0		0.0	1,458	0.9
27	Complications following spontaneous and other abortions		0.0	1,079	1.2	1,079	0.7
28	Varicose veins of lower extremities	391	0.5	646	0.7	1,037	0.6
29	Disorders of breast	47	0.1	1,191	1.4	1,238	0.8
30	Bronchitis, emphysema and other chronic obstructive pulmonary diseases	790	1.1	620	0.7	1,410	0.9
31	Gastrointestinal haemorrhage, unspecified	837	1.2	438	0.5	1,275	0.8
32	Disorders of menstruation		0.0	1,022	1.2	1,022	0.6
33	Renal colic	886	1.2	401	0.5	1,287	0.8
34	Heart Failures	343	0.5	334	0.4	677	0.4
35	Benign neoplasm of uterus		0.0	596	0.7	596	0.4
36	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium		0.0	713	0.8	713	0.4
37	Pneumonia	311	0.4	380	0.4	691	0.4
38	Renal failures	414	0.6	273	0.3	687	0.4
	All other causes	34,825	47.9	42,386	48.3	77,211	48.1
TOTAL		72,757	100.0	87,735	100.0	160,492	100.0

Note: The above table is based on data received on in-patients from the regional and district hospitals.

The table on page 50 contains the total number of cases treated at regional, district and specialised hospitals.

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ISLAND OF MAURITIUS
GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS)
BY I.C.D - 10 CHAPTER AND SEX - 2019

CAUSE (ICD - 10)		DISCHARGES *					
		MALE		FEMALE		TOTAL	
		No.	%	No.	%	No.	%
1.	Certain infectious & parasitic diseases	3,058	4.2	3,774	4.3	6,832	4.3
2.	Neoplasms	1,858	2.6	3,404	3.9	5,262	3.3
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	1,001	1.4	2,117	2.4	3,118	1.9
4.	Endocrine, nutritional & metabolic diseases	3,363	4.6	3,661	4.2	7,024	4.4
5.	Mental & behavioural disorders	3,901	5.4	1,366	1.6	5,267	3.3
6.	Diseases of the nervous system	1,886	2.6	1,700	1.9	3,586	2.2
7.	Diseases of the eye & adnexa	813	1.1	1,212	1.4	2,025	1.3
8.	Diseases of the ear & mastoid process	70	0.1	140	0.2	210	0.1
9.	Diseases of the circulatory system	9,637	13.2	8,521	9.7	18,158	11.3
10.	Diseases of the respiratory system	7,739	10.6	8,827	10.1	16,566	10.3
11.	Diseases of the digestive system	7,333	10.1	5,330	6.1	12,663	7.9
12.	Diseases of the skin & subcutaneous tissue	2,630	3.6	1,941	2.2	4,571	2.8
13.	Diseases of the musculoskeletal system & connective tissue	2,619	3.6	2,695	3.1	5,314	3.3
14.	Diseases of the genitourinary system	4,904	6.7	7,169	8.2	12,073	7.5
15.	Pregnancy, childbirth & the puerperium		0.0	17,055	19.4	17,055	10.6
16.	Certain conditions originating in the perinatal period	1,706	2.3	1,872	2.1	3,578	2.2
17	Congenital malformations, deformations & chromosomal abnormalities	247	0.3	140	0.2	387	0.2
18	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	8,406	11.6	8,747	10.0	17,153	10.7
19 & 20	Injury, poisoning & certain other consequences of external causes	10,221	14.0	6,531	7.4	16,752	10.4
21	Factors influencing health status & contact with health services	1,365	1.9	1,533	1.7	2,898	1.8
TOTAL		72,757	100.0	87,735	100.0	160,492	100.0

* based on data received

NB: For total number of admissions, see Page 50

ISLAND OF MAURITIUS

GENERAL HOSPITAL DISCHARGES (INCLUDING DEATHS) BY ICD-10 CHAPTER, AGE-GROUP AND SEX - 2019

CAUSES (ICD 10th REVISION)		NUMBER (M A L E S)							NUMBER (F E M A L E S)						
		Under 1 year	1 - 4 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	Under 1 year	1 - 4 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over
1	Certain infectious & parasitic diseases	137	248	269	181	554	669	1,000	104	239	222	302	626	726	1,555
2	Neoplasms	1	1	16	26	175	619	1,020	2	2	12	32	329	1,573	1,454
3	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	11	29	30	61	109	265	496	9	30	80	127	411	744	716
4	Endocrine, nutritional & metabolic diseases	3	2	11	34	242	1,202	1,869	3	7	22	52	224	978	2,375
5	Mental & behavioural disorders		4	21	168	1,044	1,918	746	1	2	15	142	403	479	324
6	Diseases of the nervous system	19	30	71	143	439	671	513	18	19	77	201	393	517	475
7	Diseases of the eye & adnexa	2	4	4	4	12	181	606		3	5	2	25	206	971
8	Diseases of the ear & mastoid process	1	3	1	4	8	22	31	1	4	2	7	16	35	75
9	Diseases of the circulatory system	5	5	30	46	585	3,630	5,336	3	4	21	46	459	2,378	5,610
10	Diseases of the respiratory system	570	1,179	797	307	981	1,296	2,609	425	791	650	387	940	1,541	4,093
11	Diseases of the digestive system	39	73	184	255	1,462	2,904	2,416	32	44	175	375	932	1,443	2,329
12	Diseases of the skin & subcutaneous tissue	18	28	80	151	691	987	675	16	22	58	153	401	583	708
13	Diseases of the musculoskeletal system & connective tissue	3	10	42	72	541	1,205	746		4	33	108	421	1,077	1,052
14	Diseases of the genitourinary system	18	98	151	161	910	1,803	1,763	4	18	83	494	1,946	2,908	1,716
15	Pregnancy, childbirth & the puerperium										1	2,168	14,317	569	
16	Certain conditions originating in the perinatal period*	1,706							1,872						
17	Congenital malformations, deformations & chromosomal abnormalities	91	29	50	15	29	11	22	68	25	12	6	17	6	6
18	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	174	322	458	416	1,448	2,509	3,079	155	264	411	823	1,701	1,959	3,434
19 & 20	Injury, poisoning & certain other consequences of external causes	80	260	650	772	2,967	3,356	2,136	72	220	385	635	1,429	1,360	2,430
21	Factors influencing health status & contact with health services	13	18	53	55	218	511	497	6	19	53	159	497	427	372
	Total	2,891	2,343	2,918	2,871	12,415	23,759	25,560	2,791	1,717	2,316	6,219	25,488	19,509	29,695

* INCLUDING NEWBORNS ADMITTED FOR OBSERVATION AND EVALUATION

CERTAIN PRINCIPAL CAUSES OF GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) - 2019

CAUSE (I.C.D - 10)		NUMBER OF DISCHARGES			
		MALE	FEMALE	TOTAL	
				No.	%
1.	Acute Upper Respiratory infections	245	172	417	7.3
2.	Acute bronchitis and bronchiolitis	270	209	479	8.4
3.	Slow fetal growth, fetal malnutrition and disorders related to short gestation and low birthweight	326	377	703	12.4
4.	Newborn affected by maternal factors and by complications of pregnancy, labour and delivery	279	355	634	11.2
5.	Diarrhoea and gastro-enteritis of presumed infectious origin	101	75	176	3.1
6.	Nausea and vomiting , including newborns	69	67	136	2.4
7.	Septicaemia and infections specific to the perinatal period	167	145	312	5.5
8.	Fever of unknown origin	36	26	62	1.1
9.	Diseases of the Digestive System	39	32	71	1.2
10.	Abdominal and pelvic pain	17	22	39	0.7
11.	Intrauterine hypoxia and birth asphyxia	32	36	68	1.2
12.	Convulsions, including newborns	33	25	58	1.0
13.	Infections of the skin and subcutaneous tissue	8	6	14	0.2
14.	Cough	9	4	13	0.2
15.	Congenital deformities of feet	17	16	33	0.6
16.	Pneumonia, including newborns	9	10	19	0.3
17.	Diseases of the Genito-urinary System	18	4	22	0.4
18.	Diseases of the Nervous System	19	18	37	0.7
19.	Congenital malformations of the circulatory system	10	8	18	0.3
20.	Dyspnoea and other abnormalities of breathing	8	9	17	0.3
21.	Respiratory distress of newborn	13	22	35	0.6
22.	Neonatal aspiration syndromes	3	3	6	0.1
23.	Anaemias, including newborns	10	11	21	0.4
24.	Cleft lip and cleft palate	3	6	9	0.2
25.	Diseases of the musculoskeletal system and connective tissue	3	0	3	0.1
26.	Fractures	8	5	13	0.2
27.	Asthma	4	1	5	0.1
	All other causes	1,135	1,127	2,262	39.8
TOTAL		2,891	2,791	5,682	100.0

Note: Healthy babies born in hospitals and not requiring special care are excluded from the above figures.

* includes babies admitted in the Neonatal Intensive Care Units (see page 93)

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ISLAND OF MAURITIUS
NEOPLASMS

GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) BY TYPE AND SEX - 2019

TYPE OF NEOPLASM (I.C.D - 10)	NUMBER OF DISCHARGES		
	MALE	FEMALE	TOTAL
Malignant neoplasm of lip, oral cavity and pharynx	126	62	188
Malignant neoplasm of oesophagus	51	31	82
Malignant neoplasm of stomach	93	71	164
Malignant neoplasm of colon	154	161	315
Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal	159	89	248
Malignant neoplasm of liver and intrahepatic bile ducts	26	21	47
Malignant neoplasm of pancreas	39	44	83
Other malignant neoplasm of digestive organs	9	19	28
Malignant neoplasm of larynx	36	9	45
Malignant neoplasm of trachea,bronchus and lung	146	101	247
Other malignant neoplasm of respiratory and intrathoracic organs	6	10	16
Malignant neoplasm of bone and articular cartilage	6	16	22
Malignant neoplasm of skin, including melanoma	3	5	8
Malignant neoplasm of mesothelial and soft tissue	34	24	58
Malignant neoplasm of breast	16	807	823
Malignant neoplasm of cervix uteri		186	186
Malignant neoplasm of other and unspecified parts of the uterus		201	201
Other Malignant neoplasms of female genital organs		274	274
Malignant neoplasm of prostate	209		209
Other malignant neoplasm of male genital organs	52		52
Malignant neoplasm of bladder	90	48	138
Other malignant neoplasm of urinary tract	39	14	53
Malignant neoplasm of eye and adnexa	2	2	4
Malignant neoplasm of central nervous system, including brain	22	15	37
Malignant neoplasm of other , ill-defined, secondary, unspecified and multiple sites	64	114	178
Hodgkin's disease	20	14	34
Non-Hodgkin's lymphoma	27	24	51
Leukaemia	58	61	119
Other malignant neoplasms of lymphoid, haematopoietic and related tissue	20	33	53
Carcinoma in situ of cervix uteri		0	0
Benign neoplasm of skin	10	20	30
Benign neoplasm of breast	-	19	19
Leiomyoma of uterus		594	594
Benign neoplasm of ovary		2	2
Benign neoplasm of urinary organs	1	1	2
Benign neoplasm of brain and other parts of central nervous system	4	6	10
Other in situ and benign neoplasms and neoplasms of uncertain and unknown behaviour	336	306	642
TOTAL	1,858	3,404	5,262

**GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) DUE TO DISEASES OF THE CIRCULATORY SYSTEM
BY AGE-GROUP AND SEX - 2019**

CAUSES (I.C.D. 10)	MALES					FEMALES					TOTAL					
	Under 30 years	30-44 years	45-59 years	60-74 years	75+ years	Under 30 years	30-44 years	45-59 years	60-74 years	75+ years	Under 30 years	30-44 years	45-59 years	60-74 years	75+ years	ALL AGES
Acute rheumatic fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic rheumatic heart disease	1	0	1	0	2	0	1	4	4	2	1	1	5	4	4	15
Hypertensive diseases	41	178	484	598	152	35	221	591	839	475	76	399	1,075	1,437	627	3,614
Acute Myocardial Infarction	13	141	494	532	131	3	34	130	286	142	16	175	624	818	273	1,906
Other Ischaemic Heart diseases	19	191	820	859	236	8	71	313	638	294	27	262	1,133	1,497	530	3,449
Pulmonary embolism	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2
Conduction disorders and cardiac arrhythmias	22	67	264	460	289	27	50	166	496	475	49	117	430	956	764	2,316
Heart failure	6	22	82	144	89	3	8	46	141	136	9	30	128	285	225	677
Other heart diseases	12	36	98	107	39	10	17	42	106	65	22	53	140	213	104	532
Cerebrovascular diseases (strokes)	18	127	614	931	343	14	91	332	605	518	32	218	946	1,536	861	3,593
Diseases of arteries,arterioles and capillaries	4	16	28	71	20	3	7	14	17	16	7	23	42	88	36	196
Phlebitis, thrombophlebitis,venous embolism and thrombosis	6	17	44	51	11	16	32	27	45	21	22	49	71	96	32	270
Varicose veins of lower extremities	17	77	132	144	21	9	129	297	185	26	26	206	429	329	47	1,037
Haemorrhoids	22	50	33	36	8	21	32	37	14	4	43	82	70	50	12	257
Other Diseases of circulatory system	45	24	35	46	14	46	12	12	33	27	91	36	47	79	41	294
T O T A L (Circulatory system)	226	946	3,129	3,980	1,356	195	705	2,011	3,409	2,201	421	1,651	5,140	7,389	3,557	18,158

ISLAND OF MAURITIUS
INJURY AND POISONING

**DISCHARGES FROM GENERAL HOSPITAL (including deaths)
BY EXTERNAL CAUSE AND SEX - 2019**

CAUSE (I.C.D.- 10)	DISCHARGES		
	MALE	FEMALE	TOTAL No.
Transport Accidents	1,491	408	1,899
Falls	3,998	3,031	7,029
Contact with sharp glass, knife and non-powered hand tool	328	72	400
Foreign body entering into or through eye or natural orifice	96	57	153
Exposure to other Inanimate Mechanical Forces	313	70	383
Exposure to Animate Mechanical Forces	81	53	134
Accidental Drowning and Submersion	24	17	41
Exposure to Electric Current	33	14	47
Exposure to Smoke, Fire and Flames	35	24	59
Contact With Heat and Hot Substances	74	42	116
Contact With Venomous Animals and Plants	169	53	222
Accidental Poisoning by & Exposure to Noxious Substances	582	607	1,189
Other & Unspecified accidents	855	416	1,271
Intentional Self-Poisoning by drugs	62	118	180
Intentional Self-Poisoning by Pesticides	32	22	54
Other Intentional Self-Harm	250	252	502
Assault	1,018	664	1,682
Poisoning of Undetermined Intent	37	33	70
Complications Of Medical and Surgical Care	740	577	1,317
Sequelae of external causes	3	1	4
TOTAL	10,221	6,531	16,752

ISLAND OF MAURITIUS

CERTAIN PRINCIPAL CAUSES OF FIRST ATTENDANCES FOR THE TREATMENT OF COMMON DISEASES
AND INJURIES AT THE COMMUNITY HOSPITALS, MEDICLINICS, AREA HEALTH & COMMUNITY HEALTH CENTRES - 2019

(See also distribution of first attendances by I.C.D. Chapter on page 81)

CAUSE (I.C.D. 10)		FIRST ATTENDANCES*			
		MALE	FEMALE	TOTAL	
				No.	
					%
1	Upper Respiratory Tract Infection (URTI)	186,986	196,266	383,252	18.9
2	Cough, pain in throat, chest pain, wheezing, hiccough, sneezing	77,589	76,468	154,057	7.6
3	Fever / pain all over	59,155	60,783	119,938	5.9
4	Superficial injury, open wound, spain/strain, fractures, burns and other injuries	64,625	46,754	111,379	5.5
5	Abdominal and epigastric pain	41,877	43,460	85,337	4.2
6	Spondylosis, neck pain, low back pain, backache	44,166	41,069	85,235	4.2
7	Gastroenteritis and diarrhoea of presumed infectious origin	42,165	40,893	83,058	4.1
8	Dermatitis, eczema, itching, ingrowing nail, acne, vitiligo and other diseases of the skin and subcutaneous tissue	41,703	40,789	82,492	4.1
9	Gastritis and duodenitis	38,317	38,191	76,508	3.8
10	Influenza	36,239	36,239	72,478	3.6
11	Sinusitis, rhinitis, nasal polyp, blocked nose	33,213	35,175	68,388	3.4
12	Headache, dizziness, giddiness	31,681	35,077	66,758	3.3
13	Rheumatism, muscular pain, myalgia, pain in limb	29,145	31,066	60,211	3.0
14	Malaise, fatigue, weakness, blackout, fainting and other symptoms and signs	22,179	27,476	49,655	2.4
15	Nausea and vomiting	22,227	25,987	48,214	2.4
16	Bronchitis, emphysema, asthma	22,839	23,008	45,847	2.3
17	Gout, arthritis, pain in joint	19,380	18,101	37,481	1.8
18	Indigestion, constipation, irritable bowel syndrome, anal / rectal abscess	18,094	16,538	34,632	1.7
19	Hypertension	17,447	16,680	34,127	1.7
20	Diabetes Mellitus	16,349	16,320	32,669	1.6
21	Otitis, wax in ear, earache and other diseases of the ear and mastoid process	16,230	15,923	32,153	1.6
22	Conjunctivitis	14,789	14,881	29,670	1.5
23	Localised swelling, mass, lump of skin, rash	13,455	15,375	28,830	1.4
24	Skin abscess, boil, cellulitis, cyst, septic leg (non-diabetic)	13,637	12,342	25,979	1.3
25	Cystitis, urinary tract infection	7,112	13,147	20,259	1.0
26	Swelling gum, gingivitis, dental caries, stomatitis, disease of lip	10,430	9,493	19,923	1.0
27	Diseases of the eye and adnexa (excluding conjunctivitis)	9,079	9,289	18,368	0.9
28	Migraine and other diseases of the nervous system	5,918	7,331	13,249	0.7
29	Varicose veins of lower extremities, haemorrhoids, oesophageal varices	6,439	6,783	13,222	0.7
30	Helminthiasis (worms).	5,693	6,040	11,733	0.6
31	Haematuria, painful micturation, retention of urine	5,565	6,109	11,674	0.6
32	Vaginitis, bleeding PV, leukorrhoea, menstrual disorders		11,084	11,084	0.5
33	Alcoholism	4,852	2,386	7,238	0.4
34	Anemias	1,931	4,845	6,776	0.3
35	Scabies.	2,332	2,375	4,707	0.2
36	Toxic effects of noxious foodstuff and other poisoning	1,287	3,403	4,690	0.2
	All other causes	17,811	20,303	38,114	1.9
	TOTAL	1,001,936	1,027,449	2,029,385	100.0

* based on the Monthly Return of Sick Treated received

Refer to page 54 for statistics on total attendances by health centre

**FIRST ATTENDANCES FOR THE TREATMENT OF COMMON DISEASES AND INJURIES
AT THE COMMUNITY HOSPITALS, MEDICLINICS, AREA HEALTH CENTRES AND
COMMUNITY HEALTH CENTRES BY I.C.D. CHAPTER - 2019**

CHAPTER (I.C.D. 10)		FIRST ATTENDANCES *			
		MALE	FEMALE	TOTAL	
				No.	%
1.	Certain infectious & parasitic diseases	51,196	50,959	102,155	5.0
2.	Neoplasms	27	582	609	0.0
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	2,003	4,942	6,945	0.3
4.	Endocrine, nutritional & metabolic diseases	18,262	18,273	36,535	1.8
5.	Mental & behavioural disorders	6,908	4,130	11,038	0.5
6.	Diseases of the nervous system	5,918	7,331	13,249	0.7
7.	Diseases of the eye & adnexa	23,868	24,170	48,038	2.4
8.	Diseases of the ear & mastoid process	16,230	15,923	32,153	1.6
9.	Diseases of the circulatory system	27,338	27,616	54,954	2.7
10.	Diseases of the respiratory system	280,399	291,870	572,269	28.2
11.	Diseases of the digestive system	68,406	65,825	134,231	6.6
12.	Diseases of the skin & subcutaneous tissue	55,340	53,131	108,471	5.3
13.	Diseases of the musculoskeletal system & connective tissue	96,999	94,487	191,486	9.4
14.	Diseases of the genitourinary system	7,711	24,866	32,577	1.6
15.	Pregnancy, childbirth & the puerperium ^{\$}		196	196	0.0
16.	Certain conditions originating in the perinatal period	32	17	49	0.0
17.	Congenital malformations, deformations & chromosomal abnormalities	1,659	2,239	3,898	0.2
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	273,728	290,735	564,463	27.8
19.	Injury, poisoning & certain other consequences of external causes	65,912	50,157	116,069	5.7
	T O T A L	1,001,936	1,027,449	2,029,385	100.0

* based on the Monthly Return of Sick Treated received

^{\$} see page 43 for statistics on Maternal and Child Health Care

Refer to page 54 for statistics on total attendances by health centre

CASES [#] TREATED AS IN-PATIENTS AT S. BHARATI (EYE) HOSPITAL - 2019

CAUSE (I.C.D. 10)	NUMBER OF CASES *				NUMBER OPERATED UPON		
	MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL
			No	%			
Chalazion	7	7	14	0.2	5	5	10
Other disorders of eyelid	32	31	63	0.8	22	21	43
Disorders of lacrimal system	14	52	66	0.8	11	42	53
Disorders of orbit	8	10	18	0.2	2	-	2
Disorders of conjunctiva	9	11	20	0.2	3	5	8
Keratitis	129	108	237	2.9	9	3	12
Other disorders of sclera and cornea	71	36	107	1.3	32	11	43
Iridocyclitis	42	41	83	1.0	3	3	6
Other disorders of iris and ciliary body	42	13	55	0.7	27	3	30
Cataract	2,228	2,962	5,190	62.9	2,189	2,909	5,098
Other disorders of lens	61	44	105	1.3	56	39	95
Disorders of choroid	2	1	3	0.0	-	-	-
Disorders of retina	282	192	474	5.7	239	174	413
Glaucoma	179	152	331	4.0	66	61	127
Disorders of vitreous body and globe	248	192	440	5.3	212	156	368
Disorders of optic nerve and visual pathways	27	29	56	0.7	3	2	5
Disorders of ocular muscles, binocular movement, accommodation and refraction	56	46	102	1.2	45	39	84
Visual disturbances and blindness	17	6	23	0.3	2	1	3
Ocular pain	0	0	0	0.0	0	0	0
Other diseases of eye and adnexa	55	58	113	1.4	22	17	39
Cancer and other neoplasms	5	2	7	0.1	4	0	4
Congenital diseases of eye	2	3	5	0.1	2	3	5
Burn and corrosion	4	6	10	0.1	-	1	1
Injuries and other consequences of external causes	511	194	705	8.6	194	61	255
Surgical follow up care, examination and other non-morbid factors	6	9	15	0.2	4	9	13
Other diseases	1	2	3	0.0	-	2	2
TOTAL	4,038	4,207	8,245	100.0	3,152	3,567	6,719

* including number operated upon

based on data received (see page 50 for total admissions and operations)

CASES TREATED AS IN-PATIENTS AT POUDRE D'OR (CHEST) HOSPITAL – 2019

DISEASE (I.C.D. 10)	DEATHS			DISCHARGES* (INC. DEATHS)			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
						No.	%
Pulmonary tuberculosis	7	1	8	75	40	115	21.7
Pulmonary fibrosis	1	-	1	2	7	9	1.7
Other Respiratory tuberculosis	-	-	-	-	-	-	0.0
Tuberculosis of Bones and Joints	-	-	-	-	-	-	0.0
Other tuberculosis	-	-	-	1	1	2	0.4
Miliary tuberculosis	-	-	-	1	-	1	0.2
Cancer of bronchus & lung	4	-	4	15	11	26	4.9
Cancer of other respiratory and Intrathoracic org	-	-	-	-	-	-	0.0
Pneumonia	1	-	1	3	-	3	0.6
Acute bronchitis	-	-	-	-	-	-	0.0
Chronic Bronchitis	-	-	-	-	1	1	0.2
Bronchitis not elsewhere specified	-	-	-	-	-	-	0.0
Emphysema	-	-	-	3	-	3	0.6
Asthma	-	-	-	9	32	41	7.7
Bronchiectasis	-	-	-	14	13	27	5.1
Alveolitis	-	-	-	-	-	-	0.0
Abscess of lung and mediastinum	-	-	-	6	6	12	2.3
Emphyema	-	-	-	-	-	-	0.0
Pleurisy without mention of tuberculosis	-	1	1	31	11	42	7.9
HIV with pulmonary tuberculosis	3	1	4	23	4	27	5.1
HIV with pneumonia	-	-	-	-	-	-	0.0
HIV with other respiratory infections	1	1	2	7	3	10	1.9
HIV with other infections or diseases	-	-	-	-	-	-	0.0
Other diseases of the respiratory system	6	-	6	151	49	200	37.7
Other diseases	-	-	-	7	5	12	2.3
TOTAL	23	4	27	348	183	531	100.0

* diseases distribution based on database received from Records Office (see page 50 for total admissions)

CASES SEEN AT OUT-PATIENT SPECIALIST CLINICS IN CHEST DISEASES – 2019

DISEASE	MALE	FEMALE	TOTAL	
			No.	%
Pulmonary tuberculosis	70	38	108	12.0
Pulmonary fibrosis	3	3	6	0.7
Other respiratory tuberculosis	-	-	-	0.0
Tuberculosis of bones and joints	2	-	2	0.2
Other tuberculosis	4	3	7	0.8
Miliary tuberculosis	-	-	-	0.0
Cancer of lung & bronchus	2	2	4	0.4
Cancer of other respiratory and intrathoracic org	-	-	-	0.0
Pneumonias	4	5	9	1.0
Acute bronchitis	1	2	3	0.3
Chronic bronchitis	1	-	1	0.1
Bronchitis not otherwise specified	30	22	52	5.8
Emphysema	-	-	-	0.0
Asthma	93	126	219	24.4
Bronchiectasis	3	4	7	0.8
Abscess of lung and mediastinum	2	3	5	0.6
Emphyema	-	-	-	0.0
Pleurisy, without mention of tuberculosis	9	9	18	2.0
HIV with pulmonary tuberculosis	2	1	3	0.3
HIV with pneumonia	-	-	-	0.0
HIV with other respiratory infections	0	0	0	0.0
HIV with infections or diseases	0	-	0	0.0
Other diseases of the respiratory system	115	88	203	
Other/ Illdefined diseases	3	2	5	
Patients on Chemoprophylaxis	111	136	247	
Total cases diagnosed (First attendances)	455	444	899	100.0
SUBSEQUENT ATTENDANCES	5,149	5,625	10,774	
TOTAL	5,604	6,069	11,673	

Note: Cases whose condition necessitated immediate admission have been excluded from the above figures

CASES TREATED AS IN-PATIENTS AT BROWN SEQUARD PSYCHIATRIC HOSPITAL - 2019

CAUSE (I.C.D. 10)	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Dementia	18	0.9	10	0.9	28	0.9
Epileptic Psychosis NOS	28	1.4	14	1.3	42	1.4
Unspecified mental disorders due to brain damage and dysfunction and to physical disease	1	0.0	1	0.1	2	0.1
Mental and behavioural disorders due to use of alcohol*	86	4.3	15	1.4	101	3.2
Mental and behavioural disorders due to use of opioids/cannabinoids	13	0.6	1	0.1	14	0.5
Mental and behavioural disorders due to use and use of volatile solvents	0	0.0	0	0.0	0	0.0
Mental and behavioural disorders due to multiple drug use and use of other psychoactive substances	451	22.5	22	2.0	473	15.2
Schizophrenia	644	32.2	419	37.9	1,063	34.2
Delusional disorder	1	0.0	4	0.4	5	0.2
Acute psychotic episode	73	3.6	58	5.2	131	4.2
Schizoaffective psychosis NOS	18	0.9	17	1.5	35	1.1
Psychosis unspecified	106	5.3	49	4.4	155	5.0
Hypomania	3	0.1	5	0.5	8	0.3
Bipolar affective disorder	116	5.8	119	10.8	235	7.6
Depressive episode	191	9.5	184	16.6	375	12.1
Persistent mood disorders	3	0.1	3	0.3	6	0.2
Anxiety disorders	12	0.6	8	0.7	20	0.6
Obsessive compulsive disorder	5	0.2	1	0.1	6	0.2
Dissociative (conversion) disorders	1	0.0	1	0.1	2	0.1
Puerperal psychosis NOS	0	0.0	2	0.2	2	0.1
Mental retardation	62	3.1	77	7.0	139	4.5
Conduct disorders	78	3.9	45	4.1	123	4.0
Parkinsonism	0	0.0	0	0.0	0	0.0
Alzheimer	3	0.1	0	0.0	3	0.1
Degenerative disease of nervous system, unspecified	2	0.1	0	0.0	2	0.1
Grand mal seizures, unspecified (with or without petit mal)	6	0.3	8	0.7	14	0.5
Epilepsy, unspecified	18	0.9	7	0.6	25	0.8
Sleep disorders	2	0.1	0	0.0	2	0.1
Other mental & behavioural causes	27	1.3	24	2.2	51	1.6
Other causes	34	1.7	12	1.1	46	1.5
TOTAL	2,002	100.0	1,106	100.0	3,108	100.0

* Admissions for Mental and behavioural disorders due to alcohol have significantly decreased because these patients were referred to other hospitals.

**QUARTERLY DISTRIBUTION OF NEW CASES DIAGNOSED AT OUT-PATIENT
SPECIALIST CLINICS IN DERMATOLOGY - 2019**

DISEASE		FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	TOTAL	
						NUMBER	%
ACNE		157	185	239	183	764	5.3
BULLOUS DERMATOSIS	<i>Pemphigus</i>	8	11	6	5	30	0.2
	<i>Pemphigoid</i>	6	18	10	1	35	0.2
	<i>D. Herpetiformis</i>	2	0	0	0	2	0.0
CONGENITAL ANOMALIES OF THE TEGUMENT		18	33	28	17	96	0.7
CORNS AND CALLOSITIES		111	148	157	151	567	3.9
DISEASES OF CONNECTIVE TISSUE	<i>Lupus Erythematosus</i>	4	11	4	1	20	0.1
	<i>Scleroderma</i>	4	5	0	0	9	0.1
DISEASES OF NAIL AND HAIR		213	209	261	216	899	6.2
DISORDERS OF PIGMENTATION	<i>Vitiligo</i>	66	71	53	63	253	1.7
	<i>Melanosin of face</i>	66	59	79	90	294	2.0
	<i>Other</i>	22	37	0	35	94	0.7
DRUG INDUCED DERMATOSIS		38	46	32	27	143	1.0
ECZEMA	<i>Atopic dermatitis</i>	155	156	216	236	763	5.3
	<i>Contact dermatitis:</i>						
	industrial origin	78	84	83	63	308	2.1
	other origin	168	213	237	187	805	5.6
	<i>Stasis eczema</i>	110	126	173	155	564	3.9
LICHEN PLANUS		60	73	48	18	199	1.4
NEOPLASM OF SKIN	<i>Malignant</i>	6	5	1	4	16	0.1
	<i>Benign</i>	27	47	45	45	164	1.1
PHOTODERMATITIS		140	143	129	181	593	4.1
PSORIASIS AND SIMILAR DISORDERS		249	323	395	354	1321	9.1
ROSACEA		36	64	28	28	156	1.1
SEBORRHEIC DERMATITIS		122	197	202	196	717	5.0
SKIN INFECTIONS	<i>Fungal</i>	423	529	473	468	1893	13.1
	<i>Parasitic</i>	96	150	81	112	439	3.0
	<i>Pyococcal</i>	104	105	70	115	394	2.7
	<i>Viral</i>	205	199	212	216	832	5.8
ULCER OF LOWER LIMBS		78	64	41	46	229	1.6
URTICARIA		134	145	159	164	602	4.2
ALL OTHER DISEASES		373	452	240	192	1257	8.7
TOTAL		3,279	3,908	3,702	3,569	14,458	100.0

NEW CASES[#] DIAGNOSED AT OUT-PATIENT CLINICS SPECIALISED IN ENT IN 2019

DISEASE		FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	TOTAL	
						NUMBER	%
E A R	Acute non-suppurative otitis media	73	48	70	41	232	2.7
	Acute suppurative otitis media	66	84	62	36	248	2.9
	Chronic tubotympanic suppurative otitis media	54	110	89	65	318	3.7
	Chronic atticoantral suppurative otitis media	56	45	19	39	159	1.8
	Unspecified chronic suppurative otitis media	7	17	17	29	70	0.8
	Otitis externa	49	100	115	138	402	4.6
	Impacted cerumen	68	72	108	94	342	3.9
	Tinnitus	137	155	168	155	615	7.1
	Conductive deafness	20	69	72	51	212	2.4
	Sensorineural deafness	181	189	91	87	548	6.3
	Eustachian tube disorders	2	38	29	19	88	1.0
	Foreign body in ear	24	29	72	97	222	2.6
	Ear injury	46	36	87	87	256	3.0
	All other diseases and conditions of ear	7	5	7	10	29	0.3
N O S E	Acute nasopharyngitis	22	5	17	15	59	0.7
	Sinusitis (acute) (chronic)	142	122	113	135	512	5.9
	Allergic rhinitis	284	296	219	222	1,021	11.8
	Epistaxis	78	76	108	123	385	4.4
	Nasal polyps	71	91	75	94	331	3.8
	Deflected nasal septum	32	48	26	24	130	1.5
	Foreign body in nose	17	12	46	97	172	2.0
	Fracture of nasal bone	83	72	75	121	351	4.0
	All other diseases and conditions of nose	17	10	2	5	34	0.4
T H R O A T	Acute tonsillitis	88	127	130	114	459	5.3
	Chronic tonsillitis	174	177	144	162	657	7.6
	Hypertrophy of tonsils and adenoids	44	26	19	29	118	1.4
	Pharyngitis (acute) (chronic) (granular)	64	69	82	80	295	3.4
	Laryngitis (acute) (chronic)	73	69	46	44	232	2.7
	Tongue tie	5	12	12	7	36	0.4
	Foreign body in throat	20	17	22	24	83	1.0
	All other diseases and conditions of throat	2	7	12	5	26	0.3
Other diseases and conditions (including neoplasm)		2	17	2	7	28	0.3
TOTAL		2,008	2,250	2,156	2,256	8,670	100.0

based on monthly returns received from E.N.T centre and other hospitals

CASES TREATED AS IN-PATIENTS AT E.N.T HOSPITAL[#] - 2019

Causes (ICD-10)	Male	Female	Total	
			No.	%
Cancer and other neoplasm	14	11	25	0.8
Otitis externa and other disorders of external ears	28	21	49	1.6
Suppurative and unspecified otitis media	4	7	11	0.4
Hearing loss	20	22	42	1.4
Otalgia and effusion of ear	64	67	131	4.4
Other diseases of the ear and mastoid	6	15	21	0.7
Acute pharyngitis	203	231	434	14.5
Acute tonsillitis	317	405	722	24.2
Sinusitis	21	19	40	1.3
Nasal polyp and other disorders of nose and nasal sinuses	45	22	67	2.2
Peritonsillar abscess	35	4	39	1.3
Other diseases of the respiratory system	30	15	45	1.5
Epistaxis (Haemorrhage from nose)	55	31	86	2.9
Dysphagia (Difficulty from swallowing)	53	68	121	4.1
Localised swelling mass and lump of skin and subcutaneous tissue mainly of head and neck	136	95	231	7.7
Diseases of oral cavity, salivary glands & jaws	59	35	94	3.2
Delayed Speech	0	1	1	0.0
Voices disturbances	51	19	70	2.3
Headache including facial pains	24	12	36	1.2
Foreign body in ear	24	27	51	1.7
Foreign body in nostril, pharynx and other respiratory tract	92	134	226	7.6
Foreign body in alimentary tract	1	0	1	0.0
Fracture of skull and facial bones	19	7	26	0.9
Injury and other consequences of external causes	76	30	106	3.6
Other causes	151	157	308	10.3
TOTAL	1,528	1,455	2,983	100.0

OPERATIONS PERFORMED ON IN-PATIENTS AT E.N.T. HOSPITAL[#] - 2019

Operations / Procedures	Male	Female	Total	
			No.	%
Application, insertion or removal procedures on external ear/NOSE	20	23	43	4.4
Other procedures on ear and mastoid processes	86	64	150	15.4
Examination and other procedures on nose	23	18	41	4.2
Application, insertion or removal procedures on nasal sinuses	1	2	3	0.3
Other procedures on nasal sinuses	15	20	35	3.6
Oral surgery	1	0	1	0.1
Excision and other procedures on mouth	10	13	23	2.4
Excision on tonsils and adenoids	173	192	365	37.4
Procedures on pharynx	16	17	33	3.4
Procedures on larynx	48	10	58	5.9
Procedures on other respiratory system	19	7	26	2.7
Examination and other procedures on oesophagus	54	71	125	12.8
Reduction of fracture of facial bone	7	0	7	0.7
Dermatological and plastic procedures	28	10	38	3.9
Diagnostic and therapeutic intervention	0	1	1	0.1
Other procedures	17	9	26	2.7
TOTAL	518	457	975	100.0

based on data obtained from the Health records Department (See page 50 for total admissions and operations)

CASES TREATED AS IN-PATIENTS AT THE CARDIAC CENTRES[#] - 2019

Causes (ICD -10)	Cases treated			
	Male	Female	Total	%
Rheumatic fever with heart involvement	0	1	1	0.0
Mitral stenosis	0	3	3	0.1
Other rheumatic mitral valve diseases	31	48	79	2.3
Other chronic rheumatic heart diseases	0	0	0	0.0
Double valve diseases	1	2	3	0.1
Angina pectoris	1,172	653	1,825	52.9
Acute Myocardial infarction	269	83	352	10.2
Chronic ischaemic heart diseases	725	289	1,014	29.4
Nonrheumatic mitral valve disorders	0	0	0	0.0
Nonrheumatic aortic valve disorders	58	34	92	2.7
Pulmonary valve disorders	0	0	0	0.0
Left ventricular and other heart failure	5	7	12	0.3
Cardiac septal defect	4	5	9	0.3
Other heart diseases	10	7	17	0.5
Cerebrovascular diseases	0	0	0	0.0
Peripheral vascular disease	0	0	0	0.0
Arteriovenous fistula acquired	0	0	0	0.0
Other diseases of the circulatory system	0	1	1	0.0
Congenital malformations of the heart and other circulatory system	10	14	24	0.7
Other causes	11	8	19	0.6
Total	2,296	1,155	3,451	100.0

NB:a total of 986 Cardiac Surgeries have been performed (including 526 at Candos) .

based on data received from Pamplermousses and Candos cardiac centres(see page 50 for total admissions and operations)

ISLAND OF MAURITIUS

REPORTED CASES OF CERTAIN SEXUALLY TRANSMITTED INFECTION DIAGNOSED AT SKIN DISEASE CLINICS OF GOVERNMENT HOSPITALS- 2019

CAUSE	Under 20 years		20 -29 years		30 - 39 years		40 - 49 years		50 years & over		ALL AGES		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Total
Gonococcal infections	19	1	60	8	25	4	10	2	7	-	121	15	136
Venereal warts	3	7	23	14	12	15	6	6	9	4	53	46	99
Syphilis	4	46	57	73	51	35	23	12	10	4	145	170	315
Herpes simplex	2	2	2	3	4	-	1	2	1	-	10	7	17
Other and unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	28	56	142	98	92	54	40	22	27	8	329	238	567

ATTENDANCE AT THE NATIONAL DAY CARE CENTRES* FOR THE IMMUNO-SUPPRESSED - 2019

HIV/AIDS cases seen for treatment (first attendances)	MALE	FEMALE	TOTAL
Under 10 years	4	5	9
10-19 years	3	10	13
20-29 years	42	31	73
30-39 years	60	42	102
40-49 years	43	19	62
50-59 years	24	16	40
60 years & over	14	7	21
A. Total first attendances	190	130	320
B. Subsequent attendances of HIV/AIDS cases for treatment/follow-up	11,609	5,958	17,567
Total attendances for treatment	11,799	6,088	17,887
<i>Attendances of patients on ARV treatment (included above)</i>	<i>10,142</i>	<i>4,864</i>	<i>15,006</i>
C. PMTCT	0	73	73
D. Post -HIV Exposure Prophylaxis	218	149	367
E. Voluntary counselling	3,345	3,148	6,493
F. Police Case	41	33	74
G. Visa purpose	3	4	7
H. Screening (expatriates)	3,795	851	4,646
I. Other (premarital, medical purpose®, etc)	1	1	2
Total attendances	19,202	10,347	29,549

* at Volcy Pougnet Centre, Victoria, SSRN, JNH, Flacq, Yves Cantin, Mahebourg and Souillac Hospitals

@ mostly cases referred by private doctors

NB: As at the end of 2019, there were 3,990 patients on ARV in Mauritius, including 279 in prisons

Cases of occupational and work related diseases diagnosed during screening sessions at Government Occupational Health Clinics 2019

Condition	Male	Female	Total
Diseases caused by chemical agents	5	1	6
Diseases caused by physical agents	-	-	-
Biological agents	-	-	-
Occupational respiratory diseases	10	8	18
Occupational skin diseases	9	10	19
Occupational musculo-skeletal disorders	33	13	46
Occupational cancer	-	-	-
Others	-	-	0
Total (cases diagnosed)	57	32	89
Attendances at screening sessions:			
First attendances	2,259	1,242	3,501
Subsequent attendances	5,463	2,477	7,940
TOTAL ATTENDANCES	7,722	3,719	11,441
Pre employment medical fitness examinations			
Number of persons examined	3,920	3,745	7,665

CAUSES @ OF ATTENDANCES* AT GOVERNMENT AYURVEDIC (OUT-PATIENT) CLINICS – 2019

CAUSES			TOTAL	%
TYPE OF DISEASE		AYURVEDIC TERMS		
1	Diseases of skeletal/osseous system	Asthi Vaha Srotas	12,213	18.1
2	Diseases related to blood and plasma	Rasa Vaha Srotas	365	0.5
3	Symptoms involving head and neck	Urdhwa Jatrugataroga	5,449	8.1
4	Gastritis and other diseases of digestive system	Annavaha Srotas	7,982	11.8
5	Diabetes mellitus	Madhumeha rogas	9,023	13.4
6	Diseases of adipose system	Medho Vaha Srotas	4,081	6.0
7	Diseases of haemopoietic system	Rakta Vaha Srotas	10,411	15.4
9	Diseases of respiratory system	Pranavaha Srotas	2,558	3.8
10	Mental disorder	Mano Vaha Srotas	2,635	3.9
11	Diseases of muscular System	Mamsagata Vaha Srotas	2,466	3.7
12	Hypertensive diseases	Uccha Raktachapa Dab	4,514	6.7
13	Paralysis tremors, neuritis and other diseases of the nervous system	Vata Vikara	2,309	3.4
14	Urinary Disorder	Mutra vaha Srotas	1,185	1.8
15	Common gynaecological disorders	Artava Srotas	498	0.7
16	Diseases of reproductive system	Sukra Vaha Srotas	727	1.1
17	Common pediatric diseases	Balaroga	394	0.6
18	Diseases of body fluids system	Udhakavahas Srotas	709	1.0
19	Other diseases		39	0.1
TOTAL			67,558	100.0

@ A patient with 2 distinct diseases are counted twice etc.

* New and follow-up cases

NUMBER OF ATTENDANCES

	MALE	FEMALE	TOTAL
BELVEDERE MEDI CLINIC	2,041	3,352	5,393
L'ESCALIER MEDI CLINIC	3,129	6,814	9,943
SSRN HOSPITAL	4,337	6,168	10,505
VICTORIA HOSPITAL	3,749	8,725	12,474
LA SOURCE FLACQ	1,531	3,788	5,319
PLAINE VERTE	2,795	5,120	7,915
TOTAL	17,582	33,967	51,549

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REPUBLIC OF MAURITIUS
NEW CASES OF CANCER REGISTERED *– 2018

SITE OF TUMOUR (ICD -10)	MALE		FEMALE		TOTAL	
	Number	%	Number	%	Number	%
Hypopharynx, oropharynx and nasopharynx	9	0.9	5	0.4	14	0.6
Tongue	16	1.7	5	0.4	21	0.9
Salivary glands	8	0.8	1	0.1	9	0.4
Mouth	4	0.4	1	0.1	5	0.2
Other & ill-defined sites of lip, oral cavity and pharynx	4	0.4	2	0.1	6	0.3
TOTAL LIP, ORAL CAVITY AND PHARYNX	41	4.3	14	1.0	55	2.3
Stomach	53	5.5	28	2.0	81	3.4
Oesophagus	16	1.7	5	0.4	21	0.9
Colon	68	7.1	62	4.4	130	5.5
Rectum	56	5.8	39	2.7	95	4.0
Gall bladder	2	0.2	5	0.4	7	0.3
Liver	44	4.6	24	1.7	68	2.9
Pancreas	40	4.2	45	3.2	85	3.6
Other & ill-defined sites of digestive organs	10	1.0	6	0.4	16	0.7
TOTAL DIGESTIVE ORGANS	289	30.1	214	15.1	503	21.1
Trachea, bronchus and lung	65	6.8	54	3.8	119	5.0
Larynx	20	2.1	4	0.3	24	1.0
Other & ill-defined sites of respiratory system	4	0.4	1	0.1	5	0.2
TOTAL RESPIRATORY SYSTEM	89	9.3	59	4.2	148	6.2
BONES	5	0.5	7	0.5	12	0.5
Hodgkin disease	5	0.5	2	0.1	7	0.3
Non-Hodgkin lymphoma	14	1.5	13	0.9	27	1.1
Leukaemias	37	3.9	36	2.5	73	3.1
Multiple Myelomas	12	1.3	11	0.8	23	1.0
Other	0	0.0	4	0.3	4	0.2
TOTAL HAEMATOLOGICAL MALIGNANCIES	68	7.1	66	4.6	134	5.6
SKIN(including melanoma)	70	7.3	65	4.6	135	5.7
CONNECTIVE & SOFT TISSUES	8	0.8	5	0.4	13	0.5
BREAST	16	1.7	570	40.1	586	24.6
Cervix uteri			54	3.8	54	2.3
Ovary			99	7.0	99	4.2
Corpus uteri			53	3.7	53	2.2
Uterus (unspecified)			34	2.4	34	1.4
Vagina and vulva			11	0.8	11	0.5
Other & ill-defined sites of female genital organs			-	0.0	-	0.0
TOTAL FEMALE GENITAL ORGANS			251	17.7	251	10.5
Prostate gland	191	19.9			191	8.0
Testis	10	1.0			10	0.4
Other and ill-defined sites of male genital organs	2	0.2			2	0.1
TOTAL MALE GENITAL ORGANS	203	21.2			203	8.5
Bladder	33	3.4	13	0.9	46	1.9
Kidney	19	2.0	7	0.5	26	1.1
Other urinary tract	2	0.2	1	0.1	3	0.1
TOTAL URINARY TRACT	54	5.6	21	1.5	75	3.2
Brain, meninges and other sites of Central Nervous System	9	0.9	8	0.6	17	0.7
Eye and adnexa	0	0.0	0	0.0	0	0.0
TOTAL EYE & CENTRAL NERVOUS SYSTEM	9	0.9	8	0.6	17	0.7
Thyroid gland	10	1.0	21	1.5	31	1.3
Other endocrine glands	1	0.1	1	0.1	2	0.1
TOTAL ENDOCRINE GLANDS	11	1.1	22	1.5	33	1.4
ALL OTHER SITES	96	10.0	119	8.4	215	9.0
GRAND TOTAL (ALL SITES)	959	100.0	1,421	100.0	2,380	100.0

* Source - Mauritius National Cancer Registry

CASES TREATED AS IN-PATIENTS AT THE NEONATAL INTENSIVE CARE UNITS * - 2019

(The figures given below are included in all tables pertaining to discharges from government general hospitals)

CAUSE (ICD-10 Classifications)	NUMBER OF CASES [@]			OF WHOM PASSED AWAY [@]		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Disorders related to length of gestation and fetal growth.	64	67	131	20	21	41
Respiratory and cardiovascular disorders specific to the perinatal period.	28	24	52	21	13	34
Infections specific to the perinatal period.	53	38	91	16	12	28
Birth trauma	0	2	2	1	2	3
Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery.	1	2	3	-	-	-
Haemorrhagic and haematological disorders of fetus and newborn.	8	8	16	8	4	12
Transitory endocrine and metabolic disorders specific to fetus and newborn	3	2	5	-	-	-
Digestive system disorders of fetus and newborn	1	2	3		1	
Other disorders originating in the perinatal period.	2	2	4	-	1	1
Congenital malformation of the nervous system	1	1	2	-	-	-
Congenital malformations of the circulatory system.	7	4	11	7	2	9
Congenital malformations of digestive system.	0	0	0	-	-	-
Congenital malformation and deformities of the musculoskeletal	2	1	3	1	-	1
Other congenital malformations	3	6	9	3	4	7
Diseases of respiratory system.	0	-	0	-	-	-
Other diseases	4	4	8	-	2	2
TOTAL	177	163	340	77	62	138

* 5 Regional Hospitals

[@] based on data obtained from the Health Records Division

INFANT DEATHS BY SEX AND DETAILED AGE - 2019

AGE AT DEATH	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Under 1 day	4	4.1	4	5.3	8	4.6
1 day	14	14.4	8	10.5	22	12.7
2 days	7	7.2	7	9.2	14	8.1
3 days	5	5.2	7	9.2	12	6.9
4 days	3	3.1	3	3.9	6	3.5
5 days	7	7.2	4	5.3	11	6.4
6 days	5	5.2	3	3.9	8	4.6
Sub-total 0 - 6 days	45	46.4	36	47.4	81	46.8
7 - 13 days	6	6.2	8	10.5	14	8.1
14 - 20 days	10	10.3	6	7.9	16	9.2
21 - 27 days	4	4.1	6	7.9	10	5.8
Sub-total 0 - 27 days	65	67.0	56	73.7	121	69.9
28 - 59 days	13	13.4	9	11.8	22	12.7
2 months	4	4.1	2	2.6	6	3.5
3 months	7	7.2	4	5.3	11	6.4
4 months	1	1.0	1	1.3	2	1.2
5 months	1	1.0	-	0.0	1	0.6
Sub-total under 6 months	91	93.8	72	94.7	163	94.2
6 months	2	2.1	-	0.0	2	1.2
7 months	1	1.0	-	0.0	1	0.6
8 months	-	0.0	2	2.6	2	1.2
9 months	-	0.0	1	1.3	1	0.6
10 months	1	1.0	1	1.3	2	1.2
11 months	2	2.1	-	0.0	2	1.2
TOTAL UNDER ONE YEAR	97	100.0	76	100.0	173	100.0

ISLAND OF MAURITIUS
BREAKDOWN OF INFANT DEATHS BY CAUSES AND SEX - 2019

CAUSE (I.C.D. 10)	Early Neo-Natal Deaths				Late Neo-Natal Deaths				Neo-Natal Deaths				Post Neonatal Deaths			
	MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL	
			No.	%			No.	%			No.	%			No.	%
Diarrhoea and gastroenteritis of presumed infectious origin	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
Meningitis	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
Acute Bronchitis and Acute Bronchiolitis	-	-	-	0.0	1	-	1	2.5	1	-	1	0.8	3	4	7	13.7
Asthma	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
Pneumonia (including congenital)	-	-	-	0.0	1	-	1	2.5	1	-	1	0.8	1	1	2	3.9
Congenital anomalies	13	8	21	25.6	2	2	4	10.0	15	10	25	20.5	8	6	14	27.5
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	4	4	8	9.8	1	1	2	5.0	5	5	10	8.2	1	-	1	2.0
Birth Asphyxia	2	-	2	2.4	-	-	-	-	2	-	2	1.6	1	-	1	2.0
Septicaemia and infections specific to the perinatal period	6	4	10	12.2	3	3	6	15.0	9	7	16	13.1	2	3	5	9.8
Neonatal haemorrhage	1	-	1	1.2	-	-	-	0.0	1	-	1	0.8	1	-	1	2.0
Birth trauma	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	2	2	3.9
Disseminated intravascular coagulation in newborn	4	-	4	4.9	2	2	4	10.0	6	2	8	6.6	2	1	3	5.9
Sudden Infant Death Syndrome	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	3	-	3	5.9
Ingestion of food causing suffocation	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	2	-	2	3.9
Pulmonary Haemorrhage	3	6	9	11.0	2	6	8	20.0	5	12	17	13.9	1	-	1	2.0
Respiratory Distress of Newborn	10	9	19	23.2	2	2	4	10.0	12	11	23	0.0	-	1	1	0.0
All other causes	3	5	8	9.8	6	4	10	25.0	9	9	18	14.8	6	2	8	0.0
TOTAL	46	36	82	100.0	20	20	40	100.0	66	56	122	100.0	31	20	51	100.0

ISLAND OF MAURITIUS

SELECTED CAUSES OF INFANT DEATHS - 2019

CAUSE (I.C.D. 10)	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Diarrhoea and gastroenteritis of presumed infectious origin	-	-	-	0.0
Meningitis	-	-	-	0.0
Acute Bronchitis and Acute Bronchiolitis	4	4	8	4.6
Asthma	-	-	-	0.0
Pneumonia (including congenital)	2	1	3	1.7
Congenital anomalies	23	16	39	22.5
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	6	5	11	6.4
Birth Asphyxia	3	-	3	1.7
Septicaemia and infections specific to the perinatal period	11	10	21	12.1
Neonatal haemorrhage	2	-	2	1.2
Birth Trauma	-	2	2	1.2
Disseminated intravascular coagulation in newborn	8	3	11	6.4
Ingestion of food causing suffocation	2	-	2	1.2
Sudden Infant Death Syndrome	3	-	3	1.7
Respiratory Distress of Newborn	12	12	24	13.9
Pulmonary Haemorrhage	6	12	18	10.4
All other causes	15	11	26	15.0
TOTAL	97	76	173	100.0

SELECTED CAUSES OF DEATHS AMONG CHILDREN AGED 0-4 YEARS - 2019

CAUSE (I.C.D. 10)	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Diarrhoea and gastroenteritis of presumed infectious origin	-	-	-	0.0
Meningitis	1	-	1	0.5
Acute Bronchitis and Acute Bronchiolitis	4	6	10	5.3
Asthma	-	-	-	0.0
Pneumonia	1	2	3	1.6
Congenital anomalies	28	18	46	24.2
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	6	5	11	5.8
Birth Asphyxia	3	-	3	1.6
Septicaemia and infections specific to the perinatal period	11	10	21	11.1
Neonatal haemorrhage	2	-	2	1.1
Birth Trauma	-	2	2	1.1
Disseminated intravascular coagulation in newborn	8	3	11	5.8
Ingestion of food causing suffocation	2	-	2	1.1
Sudden Infant Death Syndrome	3	-	3	1.6
Respiratory Distress of Newborn	12	12	24	12.6
Pulmonary Haemorrhage	6	12	18	9.5
Accidents	-	1	1	0.5
Drowning	1	-	1	0.5
All other causes*	18	13	31	16.3
TOTAL	106	84	190	100.0

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ISLAND OF MAURITIUS

DEATHS (ALL AGES) BY CHAPTER OF THE INTERNATIONAL CLASSIFICATION OF DISEASES AND SEX - 2019

CAUSE (ICD - 10)	DEATHS					
	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
1. Certain infectious & parasitic diseases	204	3.4	102	2.1	306	2.8
2. Neoplasms	719	12.0	722	14.7	1,441	13.2
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	26	0.4	35	0.7	61	0.6
4. Endocrine, nutritional & metabolic diseases	1,291	21.6	1,195	24.3	2,486	22.8
5. Mental & behavioural disorders	88	1.5	11	0.2	99	0.9
6. Diseases of the nervous system	114	1.9	52	1.1	166	1.5
7. Diseases of the eye & adnexa	-	-	-	-	-	0.0
8. Diseases of the ear & mastoid process	-	-	-	-	-	0.0
9. Diseases of the circulatory system	1,838	30.7	1,602	32.6	3,440	31.5
10. Diseases of the respiratory system	719	12.0	669	13.6	1,388	12.7
11. Diseases of the digestive system	287	4.8	127	2.6	414	3.8
12. Diseases of the skin & subcutaneous tissue	24	0.4	36	0.7	60	0.5
13. Diseases of the musculoskeletal system & connective tissue	3	0.1	16	0.3	19	0.2
14. Diseases of the genitourinary system	103	1.7	93	1.9	196	1.8
15. Pregnancy, childbirth & the puerperium	-	-	8	0.2	8	0.1
16. Certain conditions originating in the perinatal period	59	1.0	53	1.1	112	1.0
17. Congenital malformations, deformations & chromosomal abnormalities	32	0.5	19	0.4	51	0.5
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	73	1.2	84	1.7	157	1.4
19 & Injury, poisoning & certain other 20 consequences of external causes	410	6.8	97	2.0	507	4.6
TOTAL	5,990	100.0	4,921	100.0	10,911	100.0

ISLAND OF MAURITIUS
DEATHS BY CHAPTER OF THE INTERNATIONAL CLASSIFICATION AND BY AGE-GROUP - 2019

CHAPTER (I.C.D.10)		MALES							FEMALES							BOTH SEXES							
		Under 1 year	1 - 4 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	Under 1 year	1 - 4 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	Under 1 year	1 - 4 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	TOTAL
1.	Certain infectious & parasitic diseases	2	-	-	2	47	102	51	-	-	1	1	18	23	59	2	-	1	3	65	125	110	306
2.	Neoplasms	-	-	1	2	16	153	547	-	1	3	3	26	196	493	-	1	4	5	42	349	1,040	1,441
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	1	-	1	-	3	7	14	-	-	-	1	1	6	27	1	-	1	1	4	13	41	61
4.	Endocrine, nutritional & metabolic diseases	-	-	1	-	18	346	926	1	-	-	1	15	226	952	1	-	1	1	33	572	1,878	2,486
5.	Mental & behavioural disorders	-	-	-	1	25	41	21	-	-	-	1	-	4	6	-	-	-	2	25	45	27	99
6.	Diseases of the nervous system	-	3	7	6	38	22	38	-	-	2	2	5	11	32	-	3	9	8	43	33	70	166
7.	Diseases of the eye & adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	Diseases of the ear & mastoid process	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Diseases of the circulatory system	-	-	-	2	77	428	1,331	-	-	-	3	30	200	1,369	-	-	-	5	107	628	2,700	3,440
10.	Diseases of the respiratory system	7	-	2	2	44	104	560	6	4	-	2	14	55	588	13	4	2	4	58	159	1,148	1388
11.	Diseases of the digestive system	-	-	-	-	26	106	155	-	-	-	1	6	26	94	-	-	-	1	32	132	249	414
12.	Diseases of the skin & subcutaneous tissue	-	-	-	-	1	5	18	-	-	-	-	1	5	30	-	-	-	-	2	10	48	60
13.	Diseases of the musculoskeletal system & connective tissue	-	-	-	-	1	2	-	-	-	-	-	7	7	2	-	-	-	-	8	9	2	19
14.	Diseases of the genitourinary system	-	-	-	-	5	19	79	-	-	1	-	3	12	77	-	-	1	-	8	31	156	196
15.	Pregnancy, childbirth & the puerperium								-	-	-	1	4	3	-	-	-	-	1	4	3	-	8
16.	Certain conditions originating in the perinatal period	59	-	-	-	-	-	-	53	-	-	-	-	-	-	112	-	-	-	-	-	-	112
17.	Congenital malformations, deformations & chromosomal abnormalities	23	5	3	1	-	-	-	16	2	-	-	1	-	-	39	7	3	1	1	-	-	51
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	3	-	-	-	15	6	49	-	-	-	-	2	6	76	3	-	-	-	17	12	125	157
19.	Injury, poisoning & certain other consequences of external causes	2	1	2	27	140	136	102	-	1	-	4	28	25	39	2	2	2	31	168	161	141	507
TOTAL		97	9	17	43	456	1477	3891	76	8	7	20	161	805	3844	173	17	24	63	617	2282	7735	10911

ISLAND OF MAURITIUS

SELECTED PRINCIPAL CAUSES OF DEATH (ALL AGES) – 2019**(See page 81 for deaths by ICD-10 chapters)**

CAUSE (I.C.D - 10)	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Acute myocardial infarction and other ischaemic heart diseases	711	11.9	535	10.9	1,246	11.4
Heart Failures	98	1.6	89	1.8	187	1.7
Cardiac Arrest	164	2.7	173	3.5	337	3.1
Pulmonary heart diseases	13	0.2	9	0.2	22	0.2
Other heart diseases	94	1.6	59	1.2	153	1.4
Cerebrovascular disease	483	8.1	428	8.7	911	8.3
Hypertensive disease	254	4.2	289	5.9	543	5.0
Diabetes mellitus	1,261	21.1	1,152	23.4	2,413	22.1
Malignant neoplasm of trachea, bronchus and lung	122	2.0	51	1.0	173	1.6
Malignant neoplasm of breast	1	0.0	202	4.1	203	1.9
Malignant neoplasm of stomach	63	1.1	31	0.6	94	0.9
Malignant neoplasm of uterus (inc. cervix uteri)	-	0.0	71	1.4	71	0.7
Malignant neoplasm of liver and intrahepatic bile duct	28	0.5	26	0.5	54	0.5
Malignant neoplasm of lip, oral cavity and pharynx	39	0.7	16	0.3	55	0.5
Malignant neoplasm of pancreas	24	0.4	29	0.6	53	0.5
Malignant neoplasm of prostate	94	1.6	-	0.0	94	0.9
Pneumonia	140	2.3	147	3.0	287	2.6
Asthma	43	0.7	56	1.1	99	0.9
Pulmonary oedema	60	1.0	77	1.6	137	1.3
Bronchitis, emphysema and other chronic obstructive pulmonary diseases	64	1.1	26	0.5	90	0.8
Land Transport Accidents	145	2.4	22	0.4	167	1.5
Suicide	102	1.7	15	0.3	117	1.1
Homicides	28	0.5	8	0.2	36	0.3
Accidental drowning and submersion	32	0.5	7	0.1	39	0.4
Accidents caused by fire and flames	3	0.1	7	0.1	10	0.1
Diseases of liver (inc. alcoholic cirrhosis)	155	2.6	31	0.6	186	1.7
Renal failures	26	0.4	32	0.7	58	0.5
Senility	23	0.4	52	1.1	75	0.7
Septicaemia unspecified	53	0.9	50	1.0	103	0.9
Gastrointestinal haemorrhage unspecified	53	0.9	39	0.8	92	0.8
All other causes	1,614	26.9	1,192	24.2	2,806	25.7
TOTAL	5,990	100.0	4,921	100.0	10,911	100.0

ISLAND OF MAURITIUS
SELECTED PRINCIPAL CAUSES OF DEATHS BY AGE-GROUP AND SEX - 2019

CAUSES (I.C.D. 10)	MALES						FEMALES						BOTH SEXES						TOTAL
	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	
Acute myocardial infarction and other ischaemic heart diseases	-	3	42	149	283	234	-	-	12	44	156	323	-	3	54	193	439	557	1,246
Heart Failures	-	-	13	28	29	28	-	1	12	16	17	43	-	1	25	44	46	71	187
Cardiac Arrest	-	3	5	27	59	70	-	-	3	15	24	131	-	3	8	42	83	201	337
Pulmonary heart diseases	-	-	4	1	5	3	-	-	1	1	4	3	-	-	5	2	9	6	22
Other heart diseases	-	4	9	25	36	20	-	3	2	9	15	30	-	7	11	34	51	50	153
Cerebrovascular disease	-	4	26	93	204	156	-	2	14	44	129	239	-	6	40	137	333	395	911
Hypertensive disease	-	2	13	49	89	101	-	1	12	39	47	190	-	3	25	88	136	291	543
Diabetes mellitus	-	1	51	304	636	269	-	6	32	195	528	391	-	7	83	499	1,164	660	2,413
Malignant neoplasm of trachea, bronchus and lung	-	-	4	25	62	31	-	-	4	9	21	17	-	-	8	34	83	48	173
Malignant neoplasm of breast	-	-	-	-	-	1	-	1	18	62	81	40	-	1	18	62	81	41	203
Malignant neoplasm of stomach	-	-	1	13	31	18	-	-	5	4	11	11	-	-	6	17	42	29	94
Malignant neoplasm of uterus (inc. cervix uteri)	-	-	-	-	-	-	-	-	2	15	34	20	-	-	2	15	34	20	71
Malignant neoplasm of liver and intrahepatic bile duct	-	-	-	9	15	4	-	-	-	3	16	7	-	-	-	12	31	11	54
Malignant neoplasm of lip, oral cavity and pharynx	-	1	1	11	20	6	-	-	-	4	6	6	-	1	1	15	26	12	55
Malignant neoplasm of pancreas	-	-	-	7	11	6	-	-	2	5	14	8	-	-	2	12	25	14	53
Malignant neoplasm of prostate	-	-	-	6	31	57	-	-	-	-	-	-	-	-	-	6	31	57	94
Pneumonia	2	4	15	23	39	57	2	1	5	9	25	105	4	5	20	32	64	162	287
Asthma	-	1	5	5	18	14	-	2	4	6	12	32	-	3	9	11	30	46	99
Pulmonary oedema	1	10	10	5	11	23	-	-	1	5	10	61	1	10	11	10	21	84	137
Bronchitis, emphysema and other chronic obstructive pulmonary diseases	-	-	-	6	23	35	-	1	-	3	6	16	-	1	-	9	29	51	90
Land Transport Accidents	4	44	29	37	26	5	1	6	3	4	6	2	5	50	32	41	32	7	167
Suicide	-	35	34	20	11	2	-	5	4	4	1	1	-	40	38	24	12	3	117
Homicides	-	4	9	9	5	1	-	3	3	1	1	-	-	7	12	10	6	1	36
Accidental drowning and submersion	3	8	5	7	6	3	1	2	-	-	3	1	4	10	5	7	9	4	39
All other causes	121	74	225	410	598	499	91	38	77	197	340	660	212	112	302	607	938	1,159	3,330
TOTAL	131	198	501	1269	2248	1643	95	72	216	694	1507	2337	226	270	717	1963	3755	3980	10911

CHAPTER-SPECIFIC DEATH RATES
PER 10,000 MID-YEAR RESIDENT POPULATION - 2019

CHAPTER (I.C.D. 10)		MAURITIUS		RODRIGUES		REPUBLIC	
		No. of Deaths	Death Rate	No. of Deaths	Death Rate	No. of Deaths	Death Rate
1.	Certain infectious & parasitic diseases	306	2.5	8	1.8	314	2.5
2.	Neoplasms	1,441	11.8	42	9.7	1,483	11.7
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	61	0.5	-	0.0	61	0.5
4.	Endocrine, nutritional & metabolic diseases	2,486	20.3	41	9.5	2,527	20.0
5.	Mental & behavioural disorders	99	0.8	-	0.0	99	0.8
6.	Diseases of the nervous system	166	1.4	4	0.9	170	1.3
7.	Diseases of the eye & adnexa	-	0.0	-	0.0	-	0.0
8.	Diseases of the ear & mastoid process	-	0.0	-	0.0	-	0.0
9.	Diseases of the circulatory system	3,440	28.1	93	21.4	3,533	27.9
10.	Diseases of the respiratory system	1,388	11.4	25	5.8	1,413	11.2
11.	Diseases of the digestive system	414	3.4	8	1.8	422	3.3
12.	Diseases of the skin & subcutaneous tissue	60	0.5	1	0.2	61	0.5
13.	Diseases of the musculoskeletal system & connective tissue	19	0.2	-	0.0	19	0.2
14.	Diseases of the genitourinary system	196	1.6	8	1.8	204	1.6
15.	Pregnancy, childbirth & the puerperium	8	0.1	-	0.0	8	0.1
16.	Certain conditions originating in the perinatal period	112	0.9	10	2.3	122	1.0
17.	Congenital malformations, deformations & chromosomal abnormalities	51	0.4	5	1.2	56	0.4
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	157	1.3	7	1.6	164	1.3
19.	Injury, poisoning & certain other consequences of external causes	507	4.1	11	2.5	518	4.1
TOTAL		10,911	89.3	263	60.6	11,174	88.3

ISLAND OF MAURITIUS

DISTRIBUTION OF DEATHS BY AGE-GROUP AND SEX, AND AGE-SPECIFIC DEATH RATES
PER 1,000 MID-YEAR RESIDENT POPULATION - 2019

AGE-GROUP (years)	DEATHS					DEATH RATES		
	MALE	FEMALE	BOTH SEXES			MALE	FEMALE	BOTH SEXES
	Number	Number	Number	Percentage	Cumulative Percentage			
Under 1	97	76	173	1.6	1.6	15.5	12.8	14.2
1 - 4	9	8	17	0.2	1.7	0.4	0.3	0.3
5 - 9	11	4	15	0.1	1.9	0.3	0.1	0.2
10 - 14	14	7	21	0.2	2.1	0.3	0.2	0.2
15 - 19	35	16	51	0.5	2.5	0.7	0.3	0.5
20 - 24	82	21	103	0.9	3.5	1.7	0.5	1.1
25 - 29	81	35	116	1.1	4.5	1.7	0.8	1.2
30 - 34	116	43	159	1.5	6.0	2.8	1.1	2.0
35 - 39	177	62	239	2.2	8.2	3.7	1.3	2.5
40 - 44	208	111	319	2.9	11.1	4.7	2.6	3.6
45 - 49	292	137	429	3.9	15.0	7.3	3.5	5.5
50 - 54	412	223	635	5.8	20.9	9.0	4.9	6.9
55 - 59	565	334	899	8.2	29.1	13.7	7.7	10.6
60 - 64	796	386	1182	10.8	39.9	23.5	10.5	16.7
65 - 69	818	548	1366	12.5	52.5	30.7	17.7	23.7
70 - 74	634	573	1207	11.1	63.5	41.8	29.0	34.6
75 - 79	597	591	1188	10.9	74.4	73.4	49.7	59.3
80 - 84	511	599	1110	10.2	84.6	100.4	70.8	81.9
85 & over	535	1147	1682	15.4	100.0	174.2	166.0	168.5
ALL AGES	5,990	4,921	10,911	100.0	-	9.9	8.0	8.9

ISLAND OF MAURITIUS
DEATHS DUE TO DISEASES OF THE CIRCULATORY SYSTEM
BY AGE-GROUP AND SEX - 2019

CAUSES (I.C.D. 10)	MALES						FEMALES						BOTH SEXES						
	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	TOTAL
Acute Myocardial Infarction	-	2	35	114	195	152	-	-	11	30	115	206	-	2	46	144	310	358	860
Other Ischaemic Heart diseases	-	1	7	35	88	82	-	-	1	14	41	117	-	1	8	49	129	199	386
<i>Total (Ischaemic Heart diseases)</i>	-	3	42	149	283	234	-	-	12	44	156	323	-	3	54	193	439	557	1,246
Cardiac Arrest	-	3	5	27	59	70	-	-	3	15	24	131	-	3	8	42	83	201	337
Heart Failure	-	-	13	28	29	28	-	1	12	16	17	43	-	1	25	44	46	71	187
Other heart diseases	-	4	13	26	41	23	-	3	3	10	19	33	-	7	16	36	60	56	175
<i>Total (Heart diseases)*</i>	-	10	73	230	412	355	-	4	30	85	216	530	-	14	103	315	628	885	1,945
Hypertensive diseases	-	2	13	49	89	101	-	1	12	39	47	190	-	3	25	88	136	291	543
Intracranial haemorrhage and cerebral infarction	-	3	19	52	66	41	-	2	11	28	52	57	-	5	30	80	118	98	331
Stroke, not specified as haemorrhage or infarction	-	1	7	37	136	109	-	-	3	16	75	177	-	1	10	53	211	286	561
Other cerebrovascular diseases	-	-	-	3	2	6	-	-	-	-	2	9	-	-	-	3	4	15	22
<i>Total (cerebrovascular diseases)</i>	-	4	26	92	204	156	-	2	14	44	129	239	-	6	40	136	333	395	910
Other diseases of the circulatory system	-	-	2	6	6	8	-	1	-	1	5	13	-	1	2	7	11	21	42
T O T A L (Circulatory system)	0	16	114	377	711	620	0	8	56	169	397	972	0	24	170	546	1108	1592	3440

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ISLAND OF MAURITIUS
DEATHS DUE TO NEOPLASMS BY TYPE AND SEX 2019

TYPE OF NEOPLASM (ICD-10)	MALE	FEMALE	TOTAL
Malignant neoplasm of lip, oral cavity and pharynx	39	16	55
Malignant neoplasm of oesophagus	29	4	33
Malignant neoplasm of stomach	63	31	94
Malignant neoplasm of colon	65	47	112
Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal	31	22	53
Malignant neoplasm of liver and intrahepatic bile ducts	28	26	54
Malignant neoplasm of pancreas	24	29	53
Other malignant neoplasm of digestive organs	12	16	28
Malignant neoplasm of larynx	14	3	17
Malignant neoplasm of trachea, bronchus and lung	122	51	173
Other malignant neoplasm of respiratory and intrathoracic organs	6	3	9
Malignant neoplasm of bone and articular cartilage	13	6	19
Malignant neoplasm of skin, including melanoma	2	2	4
Malignant neoplasm of mesothelial and soft tissue	6	3	9
Malignant neoplasm of breast	1	202	203
Malignant neoplasm of cervix uteri		34	34
Malignant neoplasm of other and unspecified parts of the uterus		37	37
Other Malignant neoplasms of female genital organs		55	55
Malignant neoplasm of prostate	94		94
Other malignant neoplasm of male genital organs	4		4
Malignant neoplasm of bladder	10	8	18
Other malignant neoplasm of urinary tract	16	4	20
Malignant neoplasm of central nervous system, including brain	13	6	19
Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites	33	45	78
Hodgkin's disease	4	4	8
Non-Hodgkin's lymphoma	13	8	21
Leukaemia	23	18	41
Other malignant neoplasms of lymphoid, haematopoietic and related tissue	10	12	22
Benign neoplasm of urinary organ	1	-	1
Benign neoplasm of brain and other parts of central nervous system	21	14	35
Other in situ and benign neoplasms and neoplasms of uncertain and unknown behaviour	22	16	38
TOTAL	719	722	1,441

ISLAND OF MAURITIUS
Deaths due to External Causes , by Age-group and Sex - 2019

CAUSES (ICD - 10)	MALE						FEMALE						BOTH SEXES						TOTAL
	Under 5 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	Under 5 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	Under 5 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	
Transport Accidents	-	1	16	50	47	31	1	-	1	7	5	8	1	1	17	57	52	39	167
Falls	-	-	1	7	21	18	-	-	-	1	3	5	-	-	1	8	24	23	56
Accidental Drowning and Submersion	1	-	7	6	9	9	-	-	2	1	0	4	1	-	9	7	9	13	39
Ingestion of food causing obstruction of respiratory tract	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Exposure to Electric Current	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2
Exposure to Smoke, Fire and Flames	-	-	-	-	2	1	-	-	-	-	5	2	-	-	-	-	7	3	10
Other and unspecified accidents	2	-	-	3	8	3	-	-	-	1	1	3	2	-	-	4	9	6	21
Suicide by chemicals and noxious substances	-	-	-	3	6	1	-	-	-	2	-	-	-	-	-	5	6	1	12
Suicide by hanging	-	-	3	51	22	12	-	-	1	5	3	2	-	-	4	56	25	14	99
Suicide by fire	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	1	2	-	3
Suicide by other and unspecified means	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	1	-	3
Assault	-	-	-	12	10	6	-	-	-	6	1	1	-	-	-	18	11	7	36
Accidental poisoning by exposure to noxious substances and/or of undetermined intent	-	-	-	2	4	4	-	-	-	2	-	1	-	-	-	4	4	5	13
Complications of medical and surgical care	-	1	-	2	5	17	-	-	-	2	6	13	-	1	-	4	11	30	46
Other and unspecified External causes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
TOTAL	3	2	27	140	136	102	1	0	4	28	25	39	4	2	31	168	161	141	507

Part II

Island of Rodrigues

SELECTED HEALTH VARIABLES AND INDICATORS
ISLAND OF RODRIGUES - 2019

Variable/ Indicator	Number/ Value	Denominator
<u>POPULATION AND VITAL STATISTICS</u>		
Estimated mid-year resident population	43,371	
<i>Population density</i>	394	<i>per square kilometre</i>
Estimated mid-year resident population by sex:		
male	21,271 (49.0%)	
female	22,100 (51.0%)	
<i>sex ratio</i>	962	<i>males per 1000 females</i>
Estimated end-of-year resident population	43,538	
<i>Population density</i>	395	<i>per square kilometre</i>
Estimated female mid-year resident population 15-49 years	11,315	
<i>Percentage of total female population</i>	51.2	
<i>Percentage of total population (both sexes)</i>	26.1	
Estimated mid-year population 60 years and over	5,591	
<i>Percentage of total population</i>	12.9	
Estimated mid-year population 65 years and over	3,747	
<i>Percentage of total population</i>	8.6	
Live births	806	
<i>Crude birth rate</i>	18.6	<i>per 1000 mid-year population</i>
Deaths (all ages)	263	
<i>Crude death rate</i>	6.1	<i>per 1000 mid-year population</i>
Stillbirths	8	
<i>Stillbirth rate</i>	9.8	<i>per 1000 total births</i>
Perinatal deaths	18	
<i>Perinatal mortality rate</i>	22.1	<i>per 1000 total births</i>
Infant deaths	14	
<i>Infant mortality rate</i>	17.4	<i>per 1000 live births</i>
Deaths under five years	16	
<i>Under-five mortality rate</i>	19.9	<i>per 1000 live births</i>
Maternal deaths	-	
<i>Maternal mortality ratio</i>	-	<i>per 1000 live births</i>
<i>Life expectancy at birth (years) (2018)</i>		
Male	74.8	
Female	79.3	
Both Sexes	77.1	
<u>INFRASTRUCTURE AND PERSONNEL</u>		
Beds	211	
<i>Population : bed ratio</i>	206	<i>inhabitants per bed</i>
Doctors	28	
<i>Population : doctor ratio</i>	1,555	<i>inhabitants per doctor</i>
Dentists	2	
<i>Population : dentist ratio</i>	21,769	<i>inhabitants per dentist</i>
Nurses (including midwives)	221	
<i>Population : nurse ratio</i>	197	<i>inhabitants per nurse</i>

SELECTED HEALTH VARIABLES AND INDICATORS**ISLAND OF RODRIGUES - 2019**

(cont.)

Variable/Indicator	Number/Value	Denominator
<u>MATERNAL AND CHILD HEALTH</u>		
Births attended by qualified personnel	97.9	
<i>Percentage of all births reported by hospitals (797)</i>		
Children with a birthweight of less than 2.5 kg	107	
<i>Percentage of live births (hospital & health centres= 789)</i>		13.6
<i>Total Fertility Rate</i>		2.5
<i>Net Reproduction Rate</i>		1.2
<u>IMMUNIZATION</u>		
Children immunized against tuberculosis	749	
Immunization coverage		94.6 per 100 surviving infants
Children immunized against diphtheria, Pertussis, Haemophilus-Influenza Type B, Polio(Inactivated), tetanus and Hepatitis B	725	
Immunization coverage		91.5 per 100 surviving infants
Children immunized against measles/mumps/rubella (MMR)	735	
Immunization coverage		92.8 per 100 surviving infants
Pregnant women immunized against tetanus (2nd or higher dose)	508	
Immunization coverage		64.1 per 100 estimated pregnant women
<u>NOTIFIABLE DISEASES</u>		
Cases of malaria reported	-	
Incidence rate		- per 10,000 mid-year population
Cases of tuberculosis reported	4	
Incidence rate		0.9 per 10,000 mid-year population
Cases of HIV / AIDS reported	15	
Incidence rate		3.5 per 10,000 mid-year population
<u>CAUSE OF DEATH</u>		
Deaths due to diseases of the circulatory system	93	
Percentage of total deaths		35.4
Disease-specific death rate		21.4 per 10,000 mid-year population
Deaths due to endocrine, nutritional and metabolic diseases	41	
Percentage of total deaths		15.6
Disease-specific death rate		9.5 per 10,000 mid-year population
Deaths due to neoplasms	42	
Percentage of total deaths		16.0
Disease-specific death rate		9.7 per 10,000 mid-year population
Deaths due to diseases of the respiratory system	25	
Percentage of total deaths		9.5
Disease-specific death rate		5.8 per 10,000 mid-year population
Deaths due to injury and poisoning	11	
Percentage of total deaths		4.2
Disease-specific death rate		2.5 per 10,000 mid-year population

An analysis of the health situation

Rodrigues Island, administratively autonomous, is of volcanic origin, with an area of 110 km², and is located 560 km north-east of Mauritius. In general, the population is scattered over the island, with no dominant towns, except the administrative centre, Port Mathurin.

POPULATION AND VITAL STATISTICS

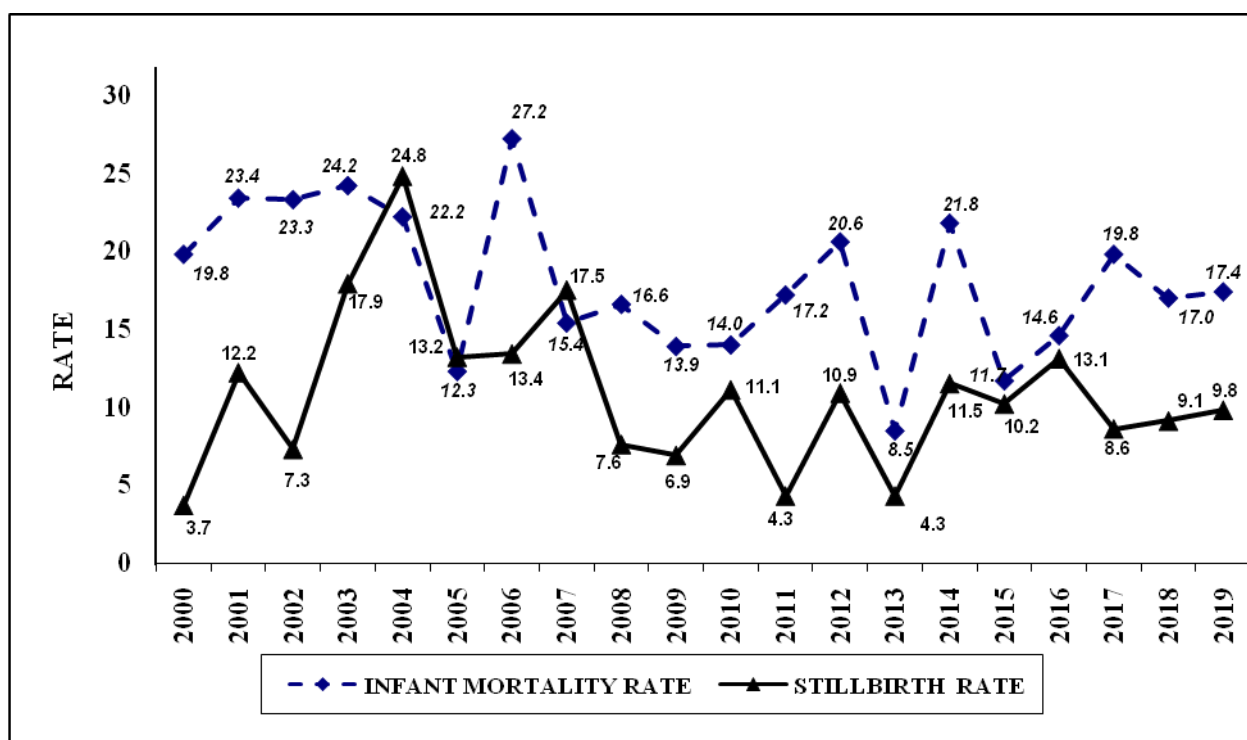
The estimated end-of-year resident population of the Island of Rodrigues increased from 43,155 in 2018 to 43,538 in 2019; the growth rate was 1.0%. The population density at the end of 2019 was 396 inhabitants per square kilometer.

The proportion of population aged under 15 years decreased from 30.9 % in 2006 to 25.9 % in 2019, while in the same period, the proportion of elderly population (aged 65 years and above) increased from 6.5 % to 8.6 %. The total dependency ratio has decreased from 597.3 per 1,000 mid year population aged 15-64 years in 2006 to 528.06 in 2019.

Based on the 2011 Population Census data, life expectancy at birth in Rodrigues was estimated to be 74.8 years for men and 79.3 years for women for the year 2018.

The number of live births registered in 2018 and 2019 was 763 and 806 respectively, corresponding to an increase in crude birth rate from 17.7 per 1,000 mid-year population to 18.6. The crude death rate was 6.2 per 1,000 mid-year population in 2018 and 6.1 in 2019 with 266 and 263 deaths respectively.

The number of infant deaths, that is deaths among children aged under one year, registered in 2018 and 2019 was 13 and 14 respectively, corresponding to an increase in the infant mortality rate from 17.0 per 1,000 live births to 17.4. (See chart below). In the same period, stillbirth rate increased from 9.1 per 1,000 births to 9.8.



HEALTH DELIVERY SYSTEM

In the Island of Rodrigues, at the end of 2019, there were one hospital with 168 beds and two health centres with in-patient facilities equipped with a total of 43 beds. This brought the total number of beds in government institutions providing in-patient facilities to 211 as compared to 176 in 2006. Patients in need of tertiary health care are referred to Mauritius as and when required.

At the end of 2019, there were 14 Community Health Centres, providing primary health care services including treatment of common diseases and injuries, maternal and child health care and family planning. There were three dental clinics, namely at Queen Elizabeth Hospital, Mont Lubin Health Centre, and La Ferme Health Centre. There was also a Health Office at Port Mathurin.

HEALTH PERSONNEL

At the end of 2019, there were 28 doctors in the Island of Rodrigues that is one doctor for 1,555 inhabitants compared to 2,327 inhabitants in 2006. There were 2 dentists that is one for 21,769 inhabitants at the end of 2019 while in 2006 the ratio was one for

18,615 inhabitants. Some of these health professionals are employees of the Ministry of Health & Wellness posted to the island on tour service basis.

The number of qualified nurses and midwives was 197 at the end of 2019, that is one nurse/midwife for 197 inhabitants compared to one for 240 inhabitants in 2006.

IN-PATIENT SERVICE

The total number of admissions at Queen Elizabeth Hospital and the two Health Centres (Mont Lubin and La Ferme) was 10,640 in 2019, while in 2018 it was 11,107. The percentage increase in admissions over the one-year period was 4.2%. The highest number of admissions ever recorded was in 2006 with 13,695, mostly due to the outbreak of chikungunya.

OUT-PATIENT SERVICE

The total number of attendances at the out-patient departments, that is the Accident & Emergency and the Sorted/Unsorted Unit at Queen Elizabeth Hospital, Mont Lubin and La Ferme Health Centres was 196,977 in 2019, while in 2006 it was 171,317. In 2019, the number of attendances for the treatment of common diseases and injuries at Community Health Centres was 46,436 as compared to 45,093 in 2018, that is, a 3.0% increase.

MATERNAL AND CHILD HEALTH

In 2019, a total of 797 births (including 8 stillbirths) were reported by the Maternity Section of Queen Elizabeth Hospital, Mont Lubin HC and La Ferme HC. 786 live births were attended by trained personnel, out of which 107 were low birth weight babies (less than 2500 grammes) representing 13.6% as compared to 10.6 % in 2018.

In 2019, a total of 789 live births were reported by the MCH services. 749 babies were immunized against *Tuberculosis (BCG)* by MCH staff, 725 babies against *Diphtheria, Haemophilus influenza type B, hepatitis B and oral Polio Vaccine (Hexavalent 3rd dose)* and a total of 1,474 (1st dose 739, 2nd dose 735) shots against *Measles/mumps/rubella (MMR)* were performed. Rotavirus vaccine was introduced in March 2015 and a total of 1493 (1st dose 719, 2nd dose 774) shots were performed. Pneumococcal vaccine was introduced in June 2016 and in 2019, there were 2042 (1st dose 732, 2nd dose 721 and 3rd dose 589) shots were performed.

DENTAL HEALTH

In 2019, the total number of attendances at the three dental clinics was 15,620 as compared to 18,287 in 2018, representing a decrease of 13.3%.

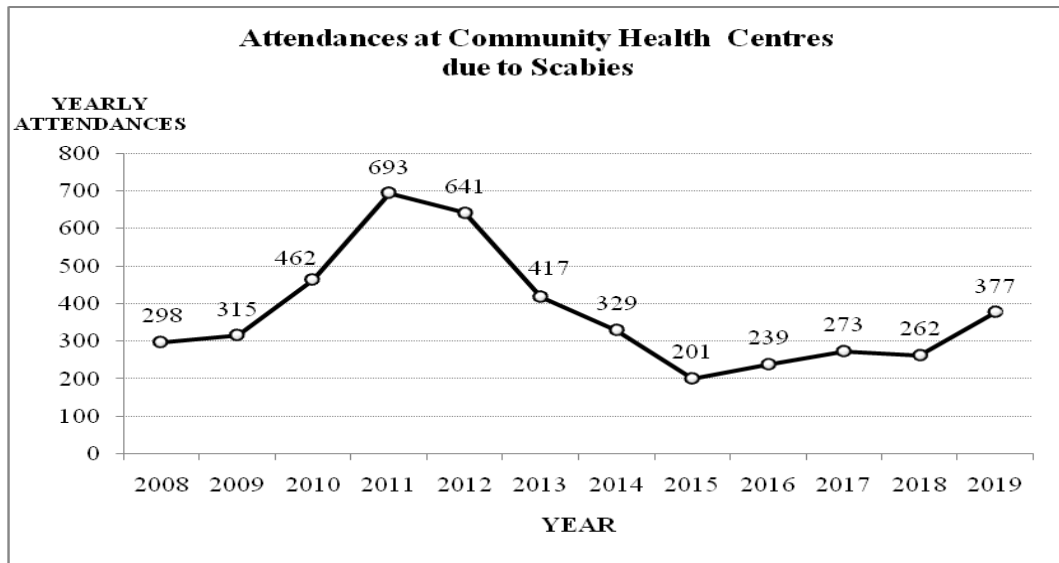
MORBIDITY

The number of discharged patients in 2019 was 10,725, out of which 1,049 (9.8%) were treated for *Complications of pregnancy, childbirth and the puerperium* (excluding *Normal deliveries* and *Complications following abortions*), 835 (7.8%) for *Injuries (crushing & superficial injuries, fractures, open wounds, dislocation, sprain and strains)* and 614 (5.7%) for *Delivery without mention of complications*.

In 2019, the principal diseases contributing to first attendances at the 14 Community Health Centres were *tonsillitis, laryngitis, nasopharyngitis (common cold), sore throat and URTI* with 2,776 attendances (19.9%) followed by *cough, pain in throat, chest pain, wheezing, hiccough and sneezing* with 1,808 attendances (13.0%). *Fever/pain all over* with 804 attendances (5.8%) stood in the third position.

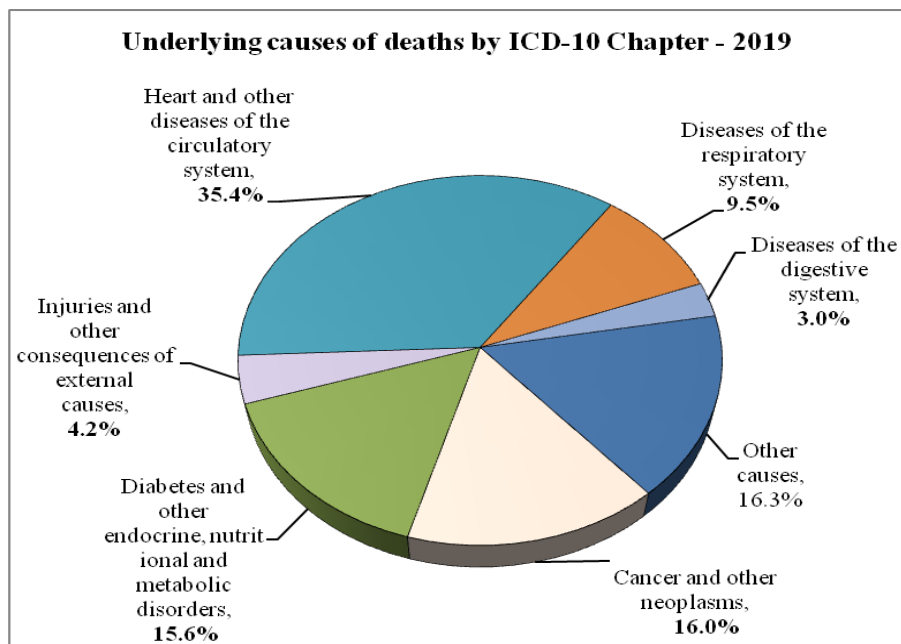
Diseases grouped by ICD chapters indicate that *Diseases of respiratory system* was 15.2 % of total first attendances at Community Health Centres in 2006 compared to 27.6 % in 2019. During the same period, first attendances due to *Infectious and parasitic diseases* increased from 6.1% to 9.3 %. *Diseases of the musculoskeletal and connective tissue* were 14.7 % of first attendances in 2006 compared to 6.8% in 2019; the high percentage in 2006 was probably due to the outbreak of chikungunya in the island.

The number of cases treated for scabies at community health centres in Rodrigues has continuously decreased from 693 in 2011 to 201 in 2015. This decrease is mainly explained by the setting up of an enhanced surveillance system in Rodrigues in 2012 following the increasing trend observed between 2008 and 2011. (See chart below). However, since 2016, an increasing trend has been noted. 377 cases have been reported in 2019 compared to 262 in 2018.



CAUSE OF DEATH

In 2019, 263 deaths were registered in Rodrigues. The distribution of deaths by the chapters of the International Classification of Diseases (ICD-10), as shown in the pie-chart below, indicates that *Heart and other diseases of the circulatory system* were responsible for 35.4% of all deaths. *Cancer and other Neoplasms* with 16.0% were in the second position followed by *Diabetes and other endocrine, nutritional & metabolic disorders* with 15.6%, *Injuries and other consequences of external causes* (4.2%) and *Diseases of the digestive system* (3.0%).



During the period 2000-2019, seven maternal deaths have been registered in the Island of Rodrigues. No maternal death has been registered since 2016; 2 such deaths were last reported in 2015.

ISLAND OF RODRIGUES
STILLBIRTHS, PERINATAL, NEONATAL AND INFANT DEATHS 1995 - 2019

YEAR	STILLBIRTHS		EARLY NEONATAL DEATHS		PERINATAL DEATHS		LATE NEONATAL DEATHS		NEONATAL DEATHS		POST-NEONATAL DEATHS		INFANT DEATHS	
	NUMBER	RATE @	NUMBER	RATE z	NUMBER	RATE @	NUMBER	RATE z	NUMBER	RATE z	NUMBER	RATE z	NUMBER	RATE z
1995	2	2.8	11	15.2	13	17.9	-	-	11	15.2	5	6.9	16	22.1
1996	2	2.8	8	11.2	10	14.0	-	-	8	11.2	6	8.4	14	19.6
1997	4	5.8	4	5.9	8	11.7	2	2.9	6	8.8	7	10.3	13	19.1
1998	6	8.6	8	11.6	14	20.1	3	4.3	11	15.9	1	1.4	12	17.4
1999	7	9.0	15	19.5	22	28.4	1	1.3	16	20.8	5	6.5	21	27.3
2000	3	3.7	11	13.6	14	17.3	3	3.7	14	17.3	2	2.5	16	19.8
2001	10	12.2	13	16.0	23	28.0	2	2.5	15	18.5	4	4.9	19	23.4
2002	6	7.3	12	14.7	18	22.0	2	2.5	14	17.2	5	6.1	19	23.3
2003	15	17.9	9	10.9	24	28.6	1	1.2	10	12.1	10	12.1	20	24.2
2004	24	24.8	15	15.8	39	40.2	3	3.2	18	19.0	3	3.2	21	22.2
2005	12	13.2	4	4.5	16	17.6	1	1.1	5	5.6	6	6.7	11	12.3
2006	12	13.4	13	14.8	25	28.0	5	5.7	18	20.4	6	6.8	24	27.2
2007	15	17.5	8	9.5	23	26.8	3	3.6	11	13.0	2	2.4	13	15.4
2008	6	7.6	6	7.7	12	15.2	3	3.8	9	11.5	4	5.1	13	16.6
2009	5	6.9	6	8.3	11	15.2	0	0.0	6	8.3	4	5.5	10	13.9
2010	8	11.1	9	12.6	17	23.5	0	0.0	9	12.6	1	1.4	10	14.0
2011	3	4.3	10	14.3	13	18.5	1	1.0	11	15.7	1	1.4	12	17.2
2012	8	10.9	5	6.9	13	17.7	3	4.0	8	11.0	7	9.6	15	20.6
2013	3	4.3	2	2.9	5	7.1	0	0.0	2	2.9	4	5.7	6	8.5
2014	8	11.5	9	13.1	17	24.4	0	0.0	9	13.1	6	8.7	15	21.8
2015	7	10.2	4	5.9	11	16.0	2	3.0	6	8.8	2	2.9	8	11.7
2016	10	13.1	7	9.3	17	22.3	4	5.0	11	14.6	-	-	11	14.6
2017	7	8.6	14	17.3	21	25.8	0	0.0	14	17.3	2	2.5	16	19.8
2018	7	9.1	6	7.9	13	16.9	1	1.3	7	9.2	6	7.9	13	17.0
2019	8	9.8	10	12.4	18	22.1	1	1.2	11	13.6	3	3.7	14	17.4

@ Per 1,000 total births (live births and stillbirths)

z Per 1,000 live births

DEFINITIONS:

1. STILLBIRTH: A child born dead after the 28th week of pregnancy
2. EARLY NEONATAL DEATHS: Deaths occurring in the 1st week of life
3. PERINATAL DEATHS: Stillbirths plus early neonatal deaths
4. LATE NEONATAL DEATHS: Deaths between 1 week and 4 weeks

5. NEONATAL DEATHS: Deaths under 4 weeks
6. POST-NEONATAL DEATHS: Deaths between 4 weeks and 1 year
7. INFANT DEATHS: Deaths under 1 year

ISLAND OF RODRIGUES

ESTIMATED MID-YEAR RESIDENT POPULATION BY AGE AND SEX - 2019

AGE-GROUP (years)	MALE		FEMALE		BOTH SEXES	
	Number	%	Number	%	Number	%
UNDER 1	382	1.8	369	1.7	751	1.7
1 - 4	1,464	6.9	1,472	6.7	2,936	6.8
5 - 9	1,768	8.3	1,726	7.8	3,494	8.1
10 - 14	2,055	9.7	2,005	9.1	4,060	9.4
15 - 19	2,112	9.9	2,073	9.4	4,185	9.6
20 - 24	1,700	8.0	1,814	8.2	3,514	8.1
25 - 29	1,400	6.6	1,447	6.5	2,847	6.6
30 - 34	1,230	5.8	1,286	5.8	2,516	5.8
35 - 39	1,606	7.6	1,783	8.1	3,389	7.8
40 - 44	1,478	6.9	1,524	6.9	3,002	6.9
45 - 49	1,276	6.0	1,388	6.3	2,664	6.1
50 - 54	1,147	5.4	1,183	5.4	2,330	5.4
55 - 59	1,028	4.8	1,064	4.8	2,092	4.8
60 - 64	950	4.5	894	4.0	1,844	4.3
65 - 69	619	2.9	643	2.9	1,262	2.9
70 - 74	436	2.0	490	2.2	926	2.1
75 - 79	307	1.4	409	1.9	716	1.7
80 - 84	182	0.9	276	1.2	458	1.1
85 & OVER	131	0.6	254	1.1	385	0.9
ALL AGES	21,271	100.0	22,100	100.0	43,371	100.0
UNDER 5	1,846	8.7	1,841	8.3	3,687	8.5
5 - 11	2,575	12.1	2,471	11.2	5,046	11.6
12 - 19	3,360	15.8	3,333	15.1	6,693	15.4
16 - 18	1,256	5.9	1,223	5.5	2,479	5.7
UNDER 15	5,669	26.7	5,572	25.2	11,241	25.9
UNDER 18	6,935	32.6	6,835	30.9	13,770	31.7
UNDER 21	8,143	38.3	8,028	36.3	16,171	37.3
15 - 49	10,802	50.8	11,315	51.2	22,117	51.0
15 - 59	12,977	61.0	13,562	61.4	26,539	61.2
15 - 64	13,927	65.5	14,456	65.4	28,383	65.4
12 & OVER	16,850	79.2	16,788	76.0	33,638	77.6
15 & OVER	15,602	73.3	15,528	70.3	31,130	71.8
16 & OVER	15,179	71.4	15,086	68.3	30,265	69.8
18 & OVER	14,336	67.4	14,265	64.5	28,601	65.9
21 & OVER	13,128	61.7	13,072	59.1	26,200	60.4
60 & OVER	2,625	12.3	2,966	13.4	5,591	12.9
65 & OVER	1,675	7.9	2,072	9.4	3,747	8.6
MEAN AGE	32.12		33.20		32.67	
MEDIAN AGE	29.12		30.50		29.82	
DEPENDENCY RATIO*	527.32		528.78		528.06	

* [(Population under 15 + population 65 & over) / Population 15 - 64] x 1000

FERTILITY RATES 2014 - 2019

RATE	2014	2015	2016	2017	2018	2019
Crude Birth Rate	16.6	16.9	17.7	18.2	18.4	18.6
General fertility Rate	63.5	64.4	67.9	70.1	71.2	71.6
Total Fertility Rate	2.13	2.19	2.31	2.42	2.48	2.5
Gross Reproduction Rate	1.07	1.1	1.16	1.21	1.23	1.2
Net Reproduction Rate	1.03	1.06	1.12	1.17	1.19	1.17

LIFE EXPECTANCY AT BIRTH (YEARS)

Life Expectancy at birth	2014	2015	2016	2017	2018 *
MALE	73.67	74.17	73.98	74.69	74.79
FEMALE	78.58	79.14	79.08	79.19	79.29
BOTH SEXES	76.13	76.65	76.54	76.97	77.07

* provisional

SELECTED HEALTH PERSONNEL AS AT END-OF-YEAR IN THE PUBLIC SECTOR

	as at 31. 12. 2017			as at 31. 12. 2018			as at 31. 12. 2019		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Medical Officer (all grades)	24	5	29	14	6	20	18	10	28
Dental Surgeon	2	1	3	2	-	2	2	-	2
Senior Dental Assistant	-	1	1	-	1	1	-	1	1
Dental Assistant	-	3	3	-	3	3	1	3	4
Nursing Administrator	1	1	2	1	1	2	1	1	2
Nursing Supervisor	4	4	8	4	4	8	4	4	8
Charge Nurse /ward manager	19	19	38	19	25	44	26	25	51
Nursing Officer	50	51	101	50	47	97	69	52	121
Nursing Officer with Midwifery	-	2	2	-	2	2	-	2	2
Principal/Senior midwife	-	13	13	-	17	17	-	14	14
Midwife	-	12	12	-	10	10	-	20	20
Public Health Nursing Officer	2	1	3	2	1	3	2	1	3
Principal Health Inspector	1	-	1	1	-	1	1	-	1
Senior Health Inspector	1	-	1	1	-	1	1	-	1
Health Inspector	2	-	2	2	-	2	2	-	2
Principal Medical Laboratory Technologist	-	1	1	1	-	1	1	-	1
Medical /Senior Medical Laboratory Technologist	1	4	5	2	4	6	2	4	6
Senior Medical Imaging Technologist	-	1	1	1	-	1	2	-	2
Medical Imaging Technologist	3	-	3	3	-	3	2	-	2
Radiographic Assistant/Senior R. A.	-	3	3	-	3	3	-	2	2
Pharmacist	-	-	-	-	-	-	1	-	1
Pharmacy Store Manager	-	-	-	-	-	-	1	-	1
Principal Pharmacy Technician	1	-	1	1	-	1	1	-	1
Senior Pharmacy Technician	2	2	4	2	1	3	2	1	3
Pharmacy Technician	5	1	6	5	1	6	5	1	6
Physiotherapy Assistant	-	3	3	-	2	2	2	2	4
Senior Health Records Officer	1	-	1	1	-	1	-	1	1
Senior Health Records Clerk	-	1	1	-	1	1	-	1	1
Higher Health Records Clerk	-	3	3	-	3	3	-	3	3
Health Records Clerk	2	7	9	2	7	9	3	13	16
Supervisor/Senior Sup. (Family Planning)	-	1	1	-	1	1	-	1	1
Community Health Care Officer	-	3	3	-	4	4	-	6	6
Health Care Assistant	1	6	7	1	6	7	5	18	23
E.C.G. Technician	-	1	1	-	1	1	-	1	1

SELECTED HEALTH MANPOWER STATISTICS AS AT END-OF-YEAR

	as at 31. 12. 2017		as at 31. 12. 2018		as at 31. 12. 2019	
	NUMBER	POPULATION PER GRADE	NUMBER	POPULATION PER GRADE	NUMBER	POPULATION PER GRADE
Doctor	29	1,476	20	2,158	28	1,555
Dentist	3	14,273	2	21,578	2	21,769
Pharmacist*	2	21,409	2	21,578	2	21,769
Nurse and Midwife	179	239	183	236	221	197
Health Inspector	4	10,705	4	10,789	4	10,884
Laboratory Technologist	6	7,136	7	6,165	7	6,220
Medical Imaging Technologist	4	10,705	4	10,789	4	10,884
Pharmacy Technician Cadre (including Store Manager)	11	3,893	10	4,315	11	7,256
Health Records Staff	14	3,058	14	3,082	21	2,073

* including one in the public sector

ISLAND OF RODRIGUES

SUMMARY OF WORK PERFORMED IN HOSPITAL/HEALTH CENTRES* - 2019

Institution	Number of beds	No. of admissions	Percentage Bed Occupancy	Number of Deaths	Number of Operations performed		
		Both Sexes			Minor	Major	Total
Q. Elizabeth Hospital	168	9,913	55.8	263	384	1,230	1,614
Mont Lubin H.C.	22	596 **	12.0	-	..	..	..
La Ferme H.C.	21	131	4.6	-	..	..	..
T o t a l	211	10,640	47.9	263	384	1230	1,614

* with in-patient services

** The centre was on renovation as from September

.. not applicable (no operations are performed at Mont Lubin H.C. and La Ferme H.C.)

WORK PERFORMED IN MATERNITY SECTIONS - 2019

Institution	Deliveries				Outcome of Deliveries			Low Birthweight [#]		Stillbirth Rate *	% Caesarian Section
	Normal	Caesarian	Other [@]	Total	Stillbirths	Live births	Total births	Number	% Live births		
Q. Elizabeth Hospital	547	216	0	763	8	770	778	102	13.2	10.3	28.3
Mont Lubin H.C.	14	0	0	14	-	11	11	3	27.3	-	-
La Ferme H.C.	9	0	0	9	-	8	8	2	25.0	-	-
T o t a l	570	216	0	786	8	789	797	107	13.6	10.0	27.5

NB: Hospitals services reported a total of 797 births

[@] forceps delivery, breech delivery etc.[#] birthweight of less than 2,500 grammes^{*} per 1,000 total births**CASES REFERRED TO MAURITIUS BY QUEEN ELIZABETH HOSPITAL**

	2015	2016	2017	2018	2019
Number of patients	495	443	482	534	632
<i>of whom accompanied by:</i>					
Nursing Officer	176	146	206	244	291
Relative	440	400	440	491	579

ISLAND OF RODRIGUES

OUT-PATIENT ATTENDANCES – 2019

INSTITUTION	Number of out-patient attendances			
	Accident & Emergency/unsorted OPD [#]	Sorted OPD [#]	Other *	TOTAL
<u>HOSPITAL</u>				
QUEEN ELIZABETH II	46,922	22,286	9,399	78,607
<u>HEALTH CENTRES</u>				
MONT LUBIN	46,609	7,265	18,787	72,661
LA FERME	29,659	4,400	11,650	45,709
Total	123,190	33,951	39,836	196,977

* Follow up for injections , dressings etc.

seen by doctor

ATTENDANCES FOR TREATMENT OF COMMON DISEASES AND INJURIES AT COMMUNITY HEALTH CENTRES – 2019

CENTRE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
ALLEE TAMARIN	47	54	50	59	210
BAIE AUX HUITRES	1,421	1,332	1,262	1,260	5,275
BAIE TOPAZE	344	377	350	271	1,342
CASCADE JEAN-LOUIS	484	813	757	540	2,594
GRAND BAIE	827	869	901	810	3,407
MALARTIC	436	550	524	373	1,883
MANGUES	227	216	220	202	865
PETIT GABRIEL	567	706	720	574	2,567
PORT SUD EST	507	714	726	585	2,532
RIVIERE COCOS	2,333	2,510	2,431	2,118	9,392
ROCHE BON DIEU	1,529	1,493	1,380	1,182	5,584
SOUPIRS	1,066	1,314	1,209	931	4,520
BATATRAN	719	1,052	959	961	3,691
MONTAGNE GOYAVE	581	620	788	585	2,574
TOTAL	11,088	12,620	12,277	10,451	46,436

ACTIVITIES CARRIED OUT AT QUEEN ELIZABETH HOSPITAL-2019

A. PHYSIOTHERAPY DEPARTMENT

CASES SEEN		NUMBER		
		Male	Female	Total
IN-PATIENT [#]	New cases	170	151	321
	Follow-up	332	391	723
	Total cases	502	542	1,044
OUT-PATIENT	First Attendances	446	481	927
	Subsequent Attendances	1,225	1,617	2,842
	Total Attendances	1,671	2,098	3,769

in wards or at the physiotherapy unit

B. RADIOLOGICAL DEPARTMENT

EXAMINATIONS		NUMBER
GENERAL PROCEDURES	Extremities	7,014
	Chest	3,850
	Spine	1,621
	Abdomen	1,055
	Skull	2,013
PROCEDURES WITH BARIUM	Meal	0
	Swallow	0
	Enema	0
CT-Scan		1,124
Echography		3,256
TOTAL *		19,933

* The 19,933 examinations were carried out on 15,016 patients.

C. HAEMODIALYSIS UNIT

DETAIL	NUMBER
Dialysis done on patients [@]	3,963
Patients as at end of year	49

@ during 586 sessions

STATISTICS RELATING TO MATERNAL AND CHILD HEALTH ACTIVITIES - 2019

<u>REGISTRATION OF GESTATIONAL AGE AT FIRST ATTENDANCE FOR ANTENATAL TREATMENT</u>	Number	%
3 months or less	432	48.3
Between 3 and 6 months	364	40.7
6 months and over	98	11.0
TOTAL FIRST ATTENDANCES	894	100.0

<u>FIRST DETERMINATION OF HAEMOGLOBIN LEVEL OF ANTENATAL CASES</u>		%
below 9.0	13	1.5
9.0 to 9.9	52	5.9
10.0 to 10.9	138	15.5
11.0 to 11.9	297	33.4
12.0 or above	388	43.7
TOTAL	888	100.0

<u>EXAMINATIONS CARRIED OUT AT CLINIC</u>	
ANTENATAL EXAMINATIONS BY MIDWIFE/NURSE	
First attendances	894
Subsequent attendances	6,461
ANTENATAL EXAMINATIONS BY DOCTOR*	
First attendances	893
Subsequent attendances	6,462
POSTNATAL EXAMINATIONS BY DOCTOR	
First attendances	657
Subsequent attendances	646
CHILDREN SEEN FOR GROWTH MONITORING	
Number of attendances	5,945
EXAM. OF CHILDREN UNDER 5 YEARS BY DOCTOR [#]	
First attendances	771
Subsequent attendances	1,651
TOTAL ATTENDANCES	24,380

* of which 782 were referred to hospital

figures are estimates based on attendances for cash gifts

STATISTICS RELATING TO EXPANDED PROGRAMME ON IMMUNIZATION - 2019

EXPANDED PROGRAMME ON IMMUNIZATION		
<u>BABIES</u>		
	B.C.G.	749
MMR	1 st dose	739
	2 nd dose	735
HEXAVALENT*/OPV:	1 st dose	723
	2 nd dose	769
	3rd dose	725
	Booster dose	643
ROTAVIRUS ^{\$}	1 st dose	719
	2 nd dose	774
PNEUMOCOCCAL [@]	1 st dose	732
	2 nd dose	721
	3 rd dose	589
D.T, O.P.V & HEP.B:	1 st dose	-
	2 nd dose	-
	3 rd dose	3
	Booster dose	-
<u>PREGNANT WOMEN</u>		
TETANUS TOXOID:	1 st dose	667
	2 nd dose	467
	Booster dose (1 year after 2nd dose)	41

* Diphtheria, Pertussis, Tetanus, Haemophilus Influenzae Type B, Polio (Inactivated) and Hepatitis B

* introduced in January 2018

\$ started in March 2015

@ started in June 2016

ACTIVITIES RELATING TO BASIC SANITATION AND FOOD HYGIENE -2018[#]

ACTIVITIES	NUMBER
BASIC SANITATION	
No. of premises and other sites inspected	1,094
No. of notices issued	213
No. of sanitary contraventions	-
No. of cases sentenced	-
FOOD HYGIENE	
No. of inspections carried out	6,346
Foodstuffs units for consumption seized and destroyed/disposed (kg)*	525
No. of contraventions	-
No. of cases sentenced	-
No. of imported food containers examined	53
INSPECTION OF PUBLIC PLACES	
Cinema hall & other entertainment places	183
Dormitories (including Boarding Houses)	590
Industrial establishments	153
Hospitals/Health Centres & Schools	429
OTHER	
No. of passengers put under surveillance for: <i>malaria</i>	983
<i>chikungunya</i>	12,532
<i>dengue</i>	13,693
No. of times given pratique to ships	302
No. of ships visited for malaria surveillance	253

* excluding liquid food

[#] 2019 data not available

Attendances					
	2015	2016	2017	2018	2019
Cases seen by dentists:					
Children < 5 years	526	657	668	700	549
Children aged 5-11 years	3,552	3,490	3,620	3,638	2,827
Persons aged 12 years & above	11,690	12,724	13,675	13,454	11,714
SUBTOTAL	15,768	16,871	17,963	17,792	15,090
Cases seen by specialists:					
Orthodontists	456	372	316	314	358
Oral Surgeons	163	113	135	181	172
TOTAL ATTENDANCES	16,387	17,356	18,414	18,287	15,620

Dental care					
	2015	2016	2017	2018	2019
<u>EXTRACTION AND TOOTH RESTORATION</u>					
Deciduous teeth extracted	1,996	2,440	2,155	2,364	1,904
<u>Schoolchildren</u>					
Temporary fillings inserted in : deciduous teeth	107	94	331	77	43
permanent teeth	67	88	43	55	60
Permanent fillings inserted : Amalgam	723	582	187	286	121
Composite	25	15	7	6	9
Permanent teeth extracted	93	93	90	99	103
<u>Adults</u>					
Temporary fillings inserted	1,600	1,663	1,511	1,453	1,556
Permanent fillings inserted : Amalgam	1,287	1,312	1,390	1,221	1,178
Composite	549	591	556	408	443
Teeth extracted	3,804	4,230	4,260	4,492	3,815
<u>OTHER DENTAL CARE</u>					
Treatment of paradontal disease (scaling)	376	446	530	472	464
Treatment of dental abscess	940	1,055	1,405	1,465	1,070
Application of pit and fissure sealants	500	-	231	326	199
Endodontic treatment	125	156	156	204	167

TABLE C: ORTHODONTIC ACTIVITY

ACTIVITY					
	2015	2016	2017	2018	2019
No of impressions taken	49	46	50	36	41
No of appliances delivered	47	46	43	35	41
No of appliances repaired	-	-	1	-	-

ISLAND OF RODRIGUES

DISTRIBUTION OF CERTAIN NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES 2004 – 2019

DISEASE YEAR	HIV/AIDS @	AMOEBIASIS	FOOD POISONING*	GONORRHOEA #	HEPATITIS#		LEPROSY	LEPTOSPIROSIS	MALARIA (IMPORTED)	MEASLES	MENINGITIS #	SYPHILIS #	TUBERCULOSIS*	
					B	C							PULMONARY	OTHER
2004	1	1	3	...	...	...	-	-	-	6	-	...	2	-
2005	3	5	-	...	...	...	-	-	-	6	-	...	1	-
2006	5	-	-	...	...	...	-	-	-	-	-	...	-	-
2007	9	-	-	...	...	...	-	-	-	-	-	...	1	-
2008	7	-	2	...	...	...	-	-	1	-	-	...	-	-
2009	5	-	13	...	...	...	-	-	-	-	-	...	3	-
2010	8	-	9	...	...	...	-	-	-	-	-	...	-	-
2011	9	-	26	...	8	7	-	-	1	-	-	...	-	-
2012	5	-	7	...	10	3	-	-	-	-	-	...	1	-
2013	4	-	1	...	9	6	-	1	-	-	-	...	1	-
2014	3	-	26	15	9	6	-	-	-	-	-	15	2	-
2015	11	-	40	17	12	8	-	-	-	-	1	18	-	-
2016	7	-	36	19	16	14	-	-	-	-	-	55	-	-
2017	8	-	36	32	7	26	-	-	-	-	-	91	2	-
2018	13	-	28	71	35	14	-	-	-	-	-	148	5	-
2019	15	-	36	117	8	9	-	-	-	-	-	112	4	-

*The following forms of tuberculosis are notifiable: respiratory, skeletal, of meninges and central nervous system

@ Human Immuno-Deficiency Virus / Acquired immuno-deficiency syndrome

N.B. 553 cases of chikungunya were reported in 2006 mostly in April

Source: Rodrigues Laboratory Services (positive samples)

*mostly fish poisoning case as from 2014

CERTAIN PRINCIPAL CAUSES OF DISCHARGES FROM HOSPITAL AND HEALTH CENTRES - 2019

(The distribution of discharges by I.C.D. Chapter is on page 23)

CAUSE (ICD-10)	DISCHARGES			
	MALE	FEMALE	TOTAL	
			No.	%
1 Complications of pregnancy, childbirth and the puerperium		1,049	1,049	9.8
2 Delivery without mention of complications		614	614	5.7
3 Injuries (Crushing & superficial injuries, fractures, open wounds ,dislocations, sprains & strains)	544	291	835	7.8
4 Diabetes mellitus	126	209	335	3.1
5 Acute upper respiratory infections	306	330	636	5.9
6 Bronchitis (chronic and unspecified, emphysema, and asthma)	121	91	212	2.0
7 Hypertensive disease	179	305	484	4.5
8 Gastritis and duodenitis	121	183	304	2.8
9 Nausea and vomiting	51	54	105	1.0
10 Ill-defined intestinal infections (colitis, enteritis, gastro-enteritis, diarrhoea)	121	159	280	2.6
11 Epilepsy	100	68	168	1.6
12 Heart diseases #	204	115	319	3.0
13 Cellulitis and abscess	121	83	204	1.9
14 Abdominal pain	50	98	148	1.4
15 Dorsopathies including spondylopathies	55	51	106	1.0
16 Poisonings and toxic effects	77	53	130	1.2
17 Anaemias	48	91	139	1.3
18 Complications following spontaneous and other abortions		127	127	1.2
19 Fever (Pyrexia) of unknown origin	44	31	75	0.7
20 Malaise and fatigue	14	32	46	0.4
21 Diseases of eye and adnexa	51	50	101	0.9
22 Convulsions	49	33	82	0.8
23 Cerebrovascular disease	80	92	172	1.6
24 Non-dependent abuse of alcohol	60	7	67	0.6
25 Symptoms involving heart beat & cardiac murmurs	12	27	39	0.4
26 Alcohol dependence syndrome	85	5	90	0.8
27 Appendicitis	39	103	142	1.3
28 Symptoms involving urinary system	38	12	50	0.5
29 Headache	10	24	34	0.3
30 Non-inflammatory disorders of vagina		2	2	0.0
31 Dyspnoea and other abnormalities of breathing	27	19	46	0.4
32 Rheumatism, unspecified	0	-	0	0.0
33 Chest pain	6	7	13	0.1
34 Gout	23	3	26	0.2
All other causes	1,659	1,886	3,545	33.1
TOTAL	4,421	6,304	10,725	100.0

excluding "Acute rheumatic fever", "Hypertensive disease" and "Diseases of pulmonary circulation"

DISCHARGES FROM HOSPITAL AND HEALTH CENTRES**BY I.C.D. (10th REVISION) CHAPTER AND SEX – 2019**

CHAPTER (I.C.D. 10th Revision)	DISCHARGES			
	MALE	FEMALE	TOTAL	
			No.	%
1. Certain infectious & parasitic diseases	161	205	366	3.4
2. Neoplasms	117	162	279	2.6
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	58	93	151	1.4
4. Endocrine, nutritional & metabolic diseases	146	261	407	3.8
5. Mental & behavioural disorders	299	154	453	4.2
6. Diseases of the nervous system	130	101	231	2.2
7. Diseases of the eye & adnexa	51	50	101	0.9
8. Diseases of the ear & mastoid process	18	45	63	0.6
9. Diseases of the circulatory system	497	541	1,038	9.7
10. Diseases of the respiratory system	608	551	1,159	10.8
11. Diseases of the digestive system	423	427	850	7.9
12. Diseases of the skin & subcutaneous tissue	191	153	344	3.2
13. Diseases of the musculoskeletal system & connective tissue	211	229	440	4.1
14. Diseases of the genitourinary system	275	543	818	7.6
15. Pregnancy, childbirth & the puerperium		1,790	1,790	16.7
16. Certain conditions originating in the perinatal period	140	109	249	2.3
17 Congenital malformations, deformations & chromosomal abnormalities	20	24	44	0.4
18 Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	397	445	842	7.9
19 & 20 Injury, poisoning & certain other consequences of external causes	621	344	965	9.0
21 Factors influencing health status & contact with health services	58	77	135	1.3
TOTAL	4,421	6,304	10,725	100.0

Note: The above table is based on data received on discharged patients from Hospital/ Health Centres. The table on page 120 contains the total number of admissions at Hospital/Health Centres.

ISLAND OF RODRIGUES

**CERTAIN PRINCIPAL CAUSES OF FIRST ATTENDANCES AT COMMUNITY HEALTH CENTRES
FOR THE TREATMENT OF COMMON DISEASES AND INJURIES - 2019**

	CAUSE (I.C.D. 10TH REVISION)	MALE	FEMALE	T O T A L	
				No.	%
1	Tonsillitis, laryngitis, nasopharyngitis (common cold), sore throat, URTI	1,177	1,599	2,776	19.9
2	Cough, pain in throat, chest pain, wheezing, hiccough, sneezing	797	1,011	1,808	13.0
3	Fever / pain all over	354	450	804	5.8
4	Abdominal and epigastric pain	260	394	654	4.7
5	Helminthiasis (worms).	264	281	545	3.9
6	Sinusitis, rhinitis, nasal polyp, blocked nose	230	299	529	3.8
7	Gastritis and duodenitis	264	218	482	3.5
8	Dermatitis, eczema, itching, ingrowing nail, acne, vitiligo and other diseases of the skin and subcutaneous tissue (excluding skin abscess etc - see below)	174	245	419	3.0
9	Headache, dizziness, giddiness	143	268	411	2.9
10	Superficial injury, open wound, sprain/strain, fractures, burns and other injuries	241	152	393	2.8
11	Spondylosis, neck pain, low back pain, backache	191	198	389	2.8
12	Scabies.	179	198	377	2.7
13	Influenza	158	213	371	2.7
14	Gastroenteritis and diarrhoea of presumed infectious origin	168	168	336	2.4
15	Otitis, wax in ear, earache and other diseases of the ear and mastoid process	124	150	274	2.0
16	Rheumatism, muscular pain, myalgia, pain in limb	111	152	263	1.9
17	Malaise, fatigue, weakness, blackout, fainting and other symptoms and signs	49	207	256	1.8
18	Vaginitis, bleeding PV, leukorrhoea, menstrual disorders		245	245	1.8
19	Localised swelling, mass, lump of skin, rash	97	140	237	1.7
20	Nausea and vomiting	79	155	234	1.7
21	Gout, arthritis, pain in joint	127	102	229	1.6
22	Conjunctivitis	96	105	201	1.4
23	Indigestion, constipation, irritable bowel syndrome, anal / rectal abscess	88	88	176	1.3
24	Cystitis, urinary tract infection	71	103	174	1.2
25	Hypertension	67	102	169	1.2
26	Bronchitis, emphysema, asthma	75	87	162	1.2
27	Skin abscess, boil, cellulitis, cyst, septic leg (non-diabetic)	72	79	151	1.1
28	Diabetes Mellitus	58	91	149	1.1
29	Migraine and other diseases of the nervous system	19	79	98	0.7
30	Haematuria, painful micturation, retention of urine	29	29	58	0.4
31	Anemias	7	38	45	0.3
32	Malnutrition and other nutritional deficiencies	9	9	18	0.1
33	Alcoholism	10	2	12	0.1
	All other causes	214	286	500	3.6
	T O T A L	6,002	7,943	13,945	100.0

**FIRST ATTENDANCES AT COMMUNITY HEALTH CENTRES FOR THE TREATMENT
OF COMMON DISEASES AND INJURIES
BY I.C.D. CHAPTER AND SEX – 2019**

CHAPTER (I.C.D. 10th REVISION)	FIRST ATTENDANCES			
	MALE	FEMALE	TOTAL	
			No.	%
1. Certain infectious & parasitic diseases	630	664	1,294	9.3
2. Neoplasms	0	1	1	0.0
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	11	50	61	0.4
4. Endocrine, nutritional & metabolic diseases	71	102	173	1.2
5. Mental & behavioural disorders	13	11	24	0.2
6. Diseases of the nervous system	19	79	98	0.7
7. Diseases of the eye & adnexa	146	184	330	2.4
8. Diseases of the ear & mastoid process	124	150	274	2.0
9. Diseases of the circulatory system	90	157	247	1.8
10. Diseases of the respiratory system	1,647	2,207	3,854	27.6
11. Diseases of the digestive system	409	364	773	5.5
12. Diseases of the skin & subcutaneous tissue	246	324	570	4.1
13. Diseases of the musculoskeletal system & connective tissue	468	475	943	6.8
14. Diseases of the genitourinary system	72	358	430	3.1
15. Pregnancy, childbirth & the puerperium	-	-	0	0.0
16. Certain conditions originating in the perinatal period	3	7	10	0.1
17. Congenital malformations, deformations & chromosomal abnormalities	-	-	0	0.0
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	1,808	2,654	4,462	32.0
19. Injury, poisoning & certain other consequences of external causes	245	156	401	2.9
TOTAL	6,002	7,943	13,945	100.0

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ISLAND OF RODRIGUES
EARLY NEONATAL DEATHS - 2019
(Deaths under one week [age group 0 - 6 days])

CAUSE (I.C.D. 10)	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Birth Asphyxia	1	0	1	10.0
Respiratory Distress Syndrome	1	3	4	40.0
Severe Prematurity	2	1	3	30.0
Hypoxic Ischaemic Encephalopathy	0	1	1	10.0
Congenital Heart Disease	0	1	1	10.0
TOTAL EARLY NEONATAL DEATHS	4	6	10	100.0

LATE NEONATAL DEATHS - 2019
(Deaths between one and four weeks [age group 7 - 27 days])

CAUSE (ICD-10)	NUMBER OF DEATHS		
	MALE	FEMALE	TOTAL
Septicaemia	1	0	1
Total Late Neonatal Deaths	1	0	1

POST-NEONATAL DEATHS – 2019
(Deaths between four weeks and one year [age group 28 - 364 days])

CAUSE (I.C.D. 10)	NUMBER OF DEATHS		
	MALE	FEMALE	TOTAL
Septicaemia	0	1	1
Encephalitis	1	0	1
Peritonitis	0	1	1
Total Post Neonatal Deaths	1	2	3

INFANT DEATHS – 2019
(Deaths under one year [age group 0 - 364 days])

CAUSE (I.C.D. 10)	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Septicaemia	1	1	2	14.3
Respiratory Distress Syndrome	1	3	4	28.6
Birth Asphyxia	1	0	1	7.1
Congenital Heart Disease	0	1	1	7.1
Severe Prematurity	2	1	3	21.4
Hypoxic Ischaemic Encephalopathy	0	1	1	7.1
Encephalitis	1	0	1	7.1
Peritonitis	0	1	1	7.1
TOTAL INFANT DEATHS	6	8	14	100.0

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CHILD[@] DEATHS - 2019

CAUSE (I.C.D 10)	NUMBER OF DEATHS		
	Male	Female	Total
Congenital Heart Disease	0	2	2
Total	0	2	2

[@] aged 1-4 years

INFANT (UNDER ONE YEAR) DEATHS BY SEX AND DETAILED AGE - 2019

AGE AT DEATH	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Under 1 day	2	33	0	-	2	14.3
1 day	0	-	4	50.0	4	28.6
2 days	1	16.7	1	12.5	2	14.3
3 days	0	-	-	-	0	0.0
4 days	1	16.7	1	12.5	2	14.3
5 days	0	-	0	-	0	0.0
6 days	0	-	0	-	0	0.0
Sub-total 0 - 6 days	4	66.7	6	75.0	10	71.4
7 - 13 days	1	16.7	0	-	1	7.1
14 - 20 days	0	0.0	0	-	0	0.0
21 - 27 days	0	-	0	-	0	0.0
Sub-total 0 - 27 days	5	83.3	6	75.0	11	78.6
28 - 59 days	0	-	0	-	0	-
2 months	0	-	0	-	0	7.7
3 months	1	17	0	-	1	-
4 months	0	-	1	12.5	1	-
5 months	0	-	0	-	0	7.7
Sub-total under 6 months	6	100.0	7	87.5	13	92.9
6 months	0	-	0	-	0	-
7 months	0	-	1	12.5	1	-
8 months	0	-	0	-	0	-
9 months	0	-	0	-	0	-
10 months	0	-	0	-	0	7.7
11 months	0	-	0	-	0	-
TOTAL UNDER ONE YEAR	6	100.0	8	100.0	14	100.0

SELECTED CAUSES OF DEATH (ALL AGES) – 2019

	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Acute myocardial infarction and other ischaemic heart diseases	15	11.2	14	10.9	29	11.0
Heart Failures	2	1.5	2	1.6	4	1.5
Cardiac Arrest	-	0.0	2	1.6	2	0.8
Pulmonary heart disease	1	0.7	1	0.8	2	0.8
Other heart diseases	5	3.7	-	0.0	5	1.9
Cerebrovascular disease	12	9.0	12	9.3	24	9.1
Hypertensive disease	16	11.9	11	8.5	27	10.3
Diabetes mellitus	11	8.2	30	23.3	41	15.6
Malignant neoplasm of trachea, bronchus and lung	3	2.2	2	1.6	5	1.9
Malignant neoplasm of breast	-	0.0	10	7.8	10	3.8
Malignant neoplasm of stomach	-	0.0	1	0.8	1	0.4
Malignant neoplasm of uterus (inc. cervix uteri)		0.0	3	2.3	3	1.1
Malignant neoplasm of hepatocellular	-	0.0	-	0.0	0	0.0
Malignant neoplasm of lip, oral cavity and pharynx	4	3.0	-	0.0	4	1.5
Malignant neoplasm of pancreas	1	0.7	-	0.0	1	0.4
Malignant neoplasm of prostate	6	4.5		0.0	6	2.3
Pneumonia	3	2.2	1	0.8	4	1.5
Asthma	2	1.5	-	0.0	2	0.8
Pulmonary oedema	-	0.0	-	0.0	0	0.0
Chronic obstructive airway disease	4	3.0	-	0.0	4	1.5
Land Transport Accidents	1	0.7	1	0.8	2	0.8
Suicide	4	3.0	1	0.8	5	1.9
Homicide	-	0.0	1	0.8	1	0.4
Accidental drowning and submersion	2	1.5	1	0.8	3	1.1
Diseases of liver (inc. alcoholic cirrhosis)	1	0.0	-	0.0	1	0.4
Renal failures	2	1.5	-	0.0	2	0.8
Senility	1	0.7	1	0.8	2	0.8
Septicaemia unspecified	2	1.5	4	3.1	6	2.3
Gastrointestinal haemorrhage unspecified	2	1.5	2	1.6	4	1.5
All other causes	34	25.4	29	22.5	63	24.0
T O T A L	134	100.0	129	100.0	263	100.0

ISLAND OF RODRIGUES

DEATHS (ALL AGES) BY I.C.D. CHAPTER AND SEX - 2019

CAUSE (ICD - 10)	DEATHS					
	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
1. Certain infectious & parasitic diseases	4	3.0	4	3.1	8	3.0
2. Neoplasms	19	14.2	23	17.8	42	16.0
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	-	-	-	-	-	-
4. Endocrine, nutritional & metabolic diseases	11	8.2	30	23.3	41	15.6
5. Mental & behavioural disorders	-	-	-	-	-	-
6. Diseases of the nervous system	3	2.2	1	0.8	4	1.5
7. Diseases of the eye & adnexa	-	-	-	-	-	-
8. Diseases of the ear & mastoid process	-	-	-	-	-	-
9. Diseases of the circulatory system	51	38.1	42	32.6	93	35.4
10. Diseases of the respiratory system	20	14.9	5	3.9	25	9.5
11. Diseases of the digestive system	3	2.2	5	3.9	8	3.0
12. Diseases of the skin & subcutaneous tissue	-	-	1	0.8	1	0.4
13. Diseases of the musculoskeletal system & connective tissue	-	-	-	-	-	-
14. Diseases of the genitourinary system	5	3.7	3	2.3	8	3.0
15. Pregnancy, childbirth & the puerperium	-	-	-	-	-	-
16. Certain conditions originating in the perinatal period	5	3.7	5	3.9	10	3.8
17. Congenital malformations, deformations & chromosomal abnormalities	1	0.7	4	3.1	5	1.9
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	5	3.7	2	1.6	7	2.7
19. Injury, poisoning & certain other consequences of external causes	7	5.2	4	3.1	11	4.2
TOTAL	134	100.0	129	100.0	263	100.0

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ISLAND OF RODRIGUES

DISTRIBUTION OF DEATHS BY AGE-GROUP AND SEX, AND AGE-SPECIFIC DEATH RATES
PER 1,000 MID-YEAR RESIDENT POPULATION - 2019

AGE-GROUP (years)	DEATHS					DEATH RATES		
	MALE	FEMALE	BOTH SEXES			MALE	FEMALE	BOTH SEXES
	Number	Number	Number	Percentage	Cumulative Percentage			
Under 1	6	8	14	5.3	5.3	15.7	21.7	18.6
1 - 4	-	2	2	0.8	6.1	0.0	1.4	0.7
5 - 9	1	1	2	0.8	6.8	0.6	0.6	0.6
10 - 14	-	-	-	0.0	6.8	0.0	0.0	0.0
15 - 19	1	2	3	1.1	8.0	0.5	1.0	0.7
20 - 24	1	1	2	0.8	8.7	0.6	0.6	0.6
25 - 29	2	-	2	0.8	9.5	1.4	0.0	0.7
30 - 34	2	-	2	0.8	10.3	1.6	0.0	0.8
35 - 39	3	3	6	2.3	12.5	1.9	1.7	1.8
40 - 44	4	2	6	2.3	14.8	2.7	1.3	2.0
45 - 49	3	4	7	2.7	17.5	2.4	2.9	2.6
50 - 54	5	8	13	4.9	22.4	4.4	6.8	5.6
55 - 59	4	9	13	4.9	27.4	3.9	8.5	6.2
60 - 64	15	8	23	8.7	36.1	15.8	8.9	12.5
65 - 69	13	11	24	9.1	45.2	21.0	17.1	19.0
70 - 74	20	12	32	12.2	57.4	45.9	24.5	34.6
75 - 79	14	16	30	11.4	68.8	45.6	39.1	41.9
80 - 84	25	17	42	16.0	84.8	137.4	61.6	91.7
85 & over	15	25	40	15.2	100.0	114.5	98.4	103.9
ALL AGES	134	129	263	100.0		6.3	5.8	6.1

GLOSSARY

REPUBLIC OF MAURITIUS	For the purpose of this report, the Republic of Mauritius comprises the main land called “Mauritius” or “Island of Mauritius” and the “Island of Rodrigues” which is located 560 km north-east of Mauritius.
RESIDENT POPULATION	The “resident population” comprises all persons residing in the country at a point in time.
BIRTHWEIGHT	The first weight of the foetus or newborn obtained after birth. This weight should be measured preferably within the first hour of life before significant postnatal weight loss has occurred.
BIRTHWEIGHT (LOW)	A birthweight of less than 2,500 grammes (up to, and including 2,499 grammes).
CAUSES OF DEATH	All diseases, morbid conditions or injuries which either resulted in or contributed to death and the circumstances of the accident or violence which produced any such injuries.
CHILDBEARING YEARS	The period of her life during which a woman can reproduce. For the purpose of international comparisons, this is arbitrarily assumed to be in the age-group 15-49 years.
DEATH	The irreversible cessation of all the following (i) total cerebral function (ii) spontaneous function of the respiratory system and spontaneous function of the circulatory system.
DEATH CERTIFICATE	A legal document signed by a medical practitioner indicating the morbid conditions which lead directly to death and to state any antecedent conditions giving rise to this cause.
EPIDEMIC	Infections, diseases occurring suddenly in numbers clearly in excess of normal expectancy.
FECUNDITY	The physiological capacity to reproduce.
FERTILITY	The actual reproductive performance.
FOETAL DEATH	Foetal death is death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy; the death is indicated by the fact that after such separation the foetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. (W.H.O. definition). A distinction is made between early foetal death (abortion) and late foetal death (stillbirth), the dividing line being the 28 th week of gestation.
GESTATIONAL AGE	The duration of gestation is measured from the first day of the last menstrual period, and is usually expressed in completed weeks. (W.H.O. definition).

GLOSSARY

LIFE EXPECTANCY	The average number of years left to a person to live, if current mortality trends were to continue. Life expectancy at birth is a much used health indicator. In most societies the expectancy for females is a few years longer than for males.
LIFE TABLES	Any of various tables describing mortality and survival data for groups of individuals at specific times or over defined intervals
LIVE BIRTH	Live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered live born. (W.H.O. definition).
MORBIDITY	The measurement of illness in a population.
MORTALITY	The frequency and characteristics of deaths in a population.
NATALITY	The frequency and characteristics of births in a population.
NATURAL INCREASE	The excess of live births over deaths in a population during a given time period, usually a calendar year. In a few societies the excess is negative, that is there is a "natural decrease".
NEONATAL INTENSIVE CARE	Provision of treatment to newborns who are in critical conditions (normally after birth) necessitating life saving care.
NUPTIALITY	The frequency and characteristics of marriages in a population.
PANDEMIC	A widespread epidemic of a disease distributed or occurring widely throughout a region/country/continent or globally
PARADONTAL DISEASES	Disease of the soft tissue surrounding the tooth
POSTNATAL EXAMINATIONS	Examination and care of mother after delivery
VITAL STATISTICS	Demographic data on live births, stillbirths, deaths and marriages.
FERTILITY RATES	
AGE-SPECIFIC FERTILITY RATE	The number of live births to women in each of the five-year age-groups, 15-19, 20-24, ...,45-49, registered during a calendar year, divided by the estimated mid-year female population in the respective age-group, and multiplied by 1,000; expressed per 1,000 women in the relevant age-group.
CRUDE BIRTH RATE	The number of live births registered during a calendar year, divided by the estimated mid-year population, and multiplied by 1,000; expressed per 1,000 mid-year population.

GLOSSARY

GENERAL FERTILITY RATE	The number of live births registered during a calendar year, divided by the estimated mid-year female population aged 15-49 years, and multiplied by 1,000; expressed per 1,000 women aged 15-49 years.
GROSS REPRODUCTION RATE	The definition and modes of computation and expression of this rate are similar to those of the Total Fertility Rate, except that only children of the female sex are taken into consideration. As more often than not, in any given year, more boys than girls are born, the Gross Reproduction Rate is usually slightly less than half the Total Fertility Rate.
NET REPRODUCTION RATE	This rate is an improvement of the Gross Reproduction Rate, in that it takes into consideration the fact that some women die before reaching the end of their childbearing years, and therefore their contribution to reproduction would be less than that assumed in the computation of the Gross Reproduction Rate. The Net Reproduction Rate is therefore always less than the Gross Reproduction Rate. A Net Reproduction Rate of 1.00 denotes replacement level fertility, that is the women are having just enough daughters to "replace" them in the population.
TOTAL FERTILITY RATE	The average number of children that would be born alive to an average woman during her life-time if she were to be subjected during her childbearing years (15-49) to the age-specific fertility rates observed in a given calendar year. Usually computed by adding the age-specific fertility rates (in five-year age-groups, 15-19, 20-24, ..., 45-49), multiplying by five, and dividing by 1,000; expressed as a number, usually given correct to two places of decimal.

MORTALITY RATES

AGE SPECIFIC DEATH RATE	The number of deaths for a specific age/age group divided by mid year population for this age/age group and multiplied by 10,000.
CAUSE SPECIFIC DEATH RATE	Number of deaths due to a specific disease/s divided by mid year population multiplied by 10,000
CRUDE DEATH RATE	The number of deaths registered during a calendar year, divided by the estimated mid-year population, and multiplied by 1,000; expressed per 1,000 mid-year population.
INFANT MORTALITY RATE	The number of deaths of children under the age of one year (0-364 days) registered during a calendar year, divided by the number of live births registered during the same year, and multiplied by 1,000; expressed per 1,000 live births.
NEONATAL MORTALITY RATE	The number of deaths of children under the age of four weeks (0-27 days) registered during a calendar year, divided by the number of live births registered during the same year, and multiplied by 1,000; expressed per 1,000 live births.

GLOSSARY

EARLY NEONATAL MORTALITY RATE	The number of deaths of children under the age of one week, (0-6 days) registered during a calendar year, divided by the number of live births registered during the same year, and multiplied by 1,000; expressed per 1,000 live births.
LATE NEONATAL MORTALITY RATE	The number of deaths of children aged between one week and four weeks (7-27 days) registered during a calendar year, divided by the number of live births registered during the same year, and multiplied by 1,000; expressed per 1,000 live births.
POST-NEONATAL MORTALITY RATE	The number of deaths of children aged between four weeks and one year (28-364 days) registered during a calendar year, divided by the number of live births registered during the same year, and multiplied by 1,000; expressed per 1,000 live births.
PERINATAL MORTALITY RATE	The sum of the number of stillbirths and the number of deaths of children under the age of one week (0-6 days) registered during a calendar year, divided by the sum of the number of live births and the number of stillbirths registered during the same year, and multiplied by 1,000; expressed per 1,000 total live births and stillbirths. Sometimes the Perinatal Mortality Rate is expressed per 1,000 live births, in which case the divisor in the computation is the number of live births only.
CHILD (OR EARLY CHILDHOOD) MORTALITY RATE	The number of deaths of children aged between one year and five years (1-4 years) registered during a calendar year, divided by the estimated mid-year population aged between one year and five years (1-4 years), and multiplied by 1,000; expressed per thousand mid-year population aged between one year and five years (1-4 years).
UNDER FIVE MORTALITY RATE	The number of deaths of children aged under five years (0-4 years) registered during a calendar year, divided by the number of live births registered during the same year, and multiplied by 1,000; expressed per 1,000 live births.
MATERNAL MORTALITY RATIO	The number of (female) deaths ascribed to complications of pregnancy, childbirth and the puerperium registered during a calendar year, divided by the number of live births registered during the same year, and multiplied by 1,000; expressed per 1,000 live births.
INCIDENCE RATE	The number of new cases of a disease registered (or notified) during a given year, divided by the estimated mid-year population, and multiplied by 10 raised to the power of a convenient digit, which depends upon the frequency of the particular disease. For example, in the Island of Mauritius, in 2002, the incidence rate of pulmonary tuberculosis was 8.9 new cases per 100,000 mid-year population.

GLOSSARY

MORBIDITY RATES

PREVALENCE RATE	The number of persons suffering from a particular disease at a given point in time, usually 30th June or 31st December of a given year, divided by the estimated population at the same point in time, and multiplied by 10 raised to the power of a convenient digit, which depends upon the frequency of the particular disease. Difficult to compute on a regular basis through lack of disease registers. The prevalence rates of specific diseases are occasionally estimated by means of population based surveys.
BED OCCUPANCY RATE	The percentage of the sum of all occupied beds days divided by the sum of all available bed days.
STILLBIRTH (OR LATE FOETAL MORTALITY) RATE	The number of stillbirths registered during a calendar year, divided by the sum of the number of live births and the number of stillbirths registered during the same year, and multiplied by 1,000; expressed per 1,000 total live births and stillbirths.

ABBREVIATIONS PERTAINING TO VACCINES

B.C.G	Bacille Calmette-Guerin (tuberculosis)
D.P.T	Diphtheria, Pertussis (whooping cough) and Tetanus
H.I.B	Haemophilus Influenzae Type B
O.P.V	Oral Polio
HEP.B	Hepatitis B
M.M.R	Measles, Mumps and Rubella
D.T	Diphtheria and Tetanus
T.T	Tetanus Toxoid
IPV	Inactivated Polio
HPV	Human Papillo Virus

