

***HEALTH STATISTICS  
REPORT 2018***

***Island of Mauritius  
and  
Island of Rodrigues***

**A publication of the Health Statistics Unit,  
Ministry of Health and Wellness  
Website: <http://health.govmu.org>**

## **F O R E W O R D**

**The Health Statistics Unit of the Ministry of Health and Quality of Life has been publishing, since 1975, an annual report on health statistics pertaining to the Island of Mauritius and to the Island of Rodrigues.**

**2. This report contains information on population and vital statistics, infrastructure and personnel, morbidity, mortality and the activities of almost all health services pertaining to the Island of Mauritius and to the Island of Rodrigues. A few data relates to the Republic of Mauritius.**

**3. 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 collected directly by the Health Statistics Unit, or obtained mostly from the Health Records Division and other Sections/Units/Divisions of the Ministry of Health & Quality of Life and the Commission for Health in Rodrigues.**

**4. The valuable assistance from the various sectors and the spirit of team work among the staff of the Health Statistics Unit are gratefully acknowledged.**

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**July, 2019**

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# Health Statistics Report 2018

## Executive Summary

Every year, the Ministry of Health and Quality of Life 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 2018 Report are as follows:

### ISLAND OF MAURITIUS

- The estimated resident population as at 31 December 2018 was 1,222,208 compared to 1,222,217 as at 31 December 2017.
- In the period 2000 to 2018, life expectancy at birth increased by 3.1 years for men (from 68.1 to 71.2 years) and by 2.4 years for women (from 75.3 to 77.7 years).
- A total of 12,202 livebirths were registered in 2018 for a Crude Birth Rate of 10.0 per 1000 mid-year resident population compared to 10.4 in 2017 and to 9.9 in 2015.
- In 2018, a total of 10,521 deaths were registered for a Crude Death Rate of 8.6 per 1,000 mid-year population compared to 7.6 in 2013.
- The Infant Mortality Rate was 13.8 per 1,000 live births in 2018 compared to 11.7 in 2017 and to 11.6 in 2016.
- An increasing trend was observed in Mauritius during the last 2 decades in the percentage of low birth weight, that is, from 7.9% in 1990 to 17.4% in 2010. In the period 2011-2016, the percentage has fluctuated between 17.0% and 17.5%. The figure came down to 16.3% and 16.8% in 2017 and 2018 respectively.
- The number of Doctors working in the Ministry of Health and Quality of Life increased from 970 at the end of 2011 to 1,525 in 2018.
- 3,907 qualified Nurses and Midwives were in post at the end of 2018 in the public sector compared to 3,089 in 2011.
- There were 3,691 beds in Government Hospitals at the end of 2018.
- The number of admissions in Government Hospitals in 2018 was 199,079 and the number of operations performed on them was 46,672.
- In 2018, a total of 141,245 cases was seen as outpatients at Orthopaedics clinics, 127,456 at Cardiology clinics, 113,644 at General Medicine clinics, and 101,793 at General Surgery clinics.

- Data obtained from the Mauritius Revenue Authority indicate that the number of imported cigarette sticks was 1,004 million in 2018 compared to 998 million in 2017 and to 986 million in 2015.
- The number of newly detected HIV/AIDS cases among Mauritians was 382 in 2018 compared to 368 in 2017 and 262 in 2015.
- 37 cases (imported) of malaria, 6 cases of dengue and 1 case of chikungunya were reported in 2018.
- Of all deaths recorded in 2018 *diseases of the circulatory system* were responsible for 35.1%, *endocrine, nutritional and metabolic diseases* (mainly *diabetes*) for 21.3%, *neoplasm (cancers)* for 12.8%, *diseases of the respiratory system* for 11.7% and *injury and poisoning* for 5.1%.

## ISLAND OF RODRIGUES

- The estimated resident population as at 31 December 2018 was 43,155 compared to 42,818 as at 31 December 2017, that is, an increase of 0.8%.
- 763 live births were registered in 2018 for a Crude Birth Rate of 17.7 per 1,000 mid-year resident population compared to 19.0 in 2017.
- In 2018, a total of 266 deaths were registered for a Crude Death Rate of 6.2 per 1,000 mid-year population; the rate was 5.3 in 2017.
- The Infant Mortality Rate has increased from 14.6 per 1,000 livebirths in 2016 to 19.8 in 2017. In 2018, it decreased to 17.0.
- At the end of 2018, there were 20 Doctors, 2 Dentists and 183 Nurses and Midwives in post in the public sector. Two Pharmacists were working in the private sector.
- In 2018, 13 cases of HIV/AIDS were registered in the island compared to 8 cases in 2017.
- Of all deaths recorded in 2018, *diseases of the circulatory system* were responsible for 41.0%, *endocrine, nutritional and metabolic diseases* (mainly *diabetes*) for 18.8%, *neoplasm (cancers)* for 11.3%, *diseases of the respiratory system* for 6.8% and *injury and poisoning* for 4.5%.

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



**SELECTED HEALTH VARIABLES AND INDICATORS**  
**ISLAND OF MAURITIUS - 2018**

<b>Variable / Indicator</b>	<b>Number / Value</b>	<b>Denominator</b>
<b><u>POPULATION AND VITAL STATISTICS</u></b>		
Estimated mid-year resident population	1,222,268	
<i>Population density</i>	654	<i>per square kilometre</i>
Estimated mid-year resident population by sex: male	604,915 (49.5%)	
female	617,353 (50.5%)	
<i>sex ratio</i>	980	<i>males per 1000 females</i>
Estimated end-of-year resident population	1,222,208	
<i>Population density</i>	654	<i>per square kilometre</i>
Estimated female mid-year resident population 15-49 years	307,662	
<i>Percentage of total female population</i>	49.8	
<i>Percentage of total population (both sexes)</i>	25.2	
Estimated mid-year population 60 years and over	206,641	
<i>Percentage of total population</i>	16.9	
Estimated mid-year population 65 years and over	136,046	
<i>Percentage of total population</i>	11.1	
Live births	12,202	
<i>Crude birth rate</i>	10.0	<i>per 1000 mid-year population</i>
Deaths (all ages)	10,521	
<i>Crude death rate</i>	8.6	<i>per 1000 mid-year population</i>
Stillbirths	123	
<i>Stillbirth rate</i>	10.0	<i>per 1000 total births</i>
Perinatal deaths	206	
<i>Perinatal mortality rate</i>	16.7	<i>per 1000 total births</i>
Infant deaths	168	
<i>Infant mortality rate</i>	13.8	<i>per 1000 live births</i>
Deaths under five years	199	
<i>Under-five mortality rate</i>	16.3	<i>per 1000 live births</i>
Maternal deaths	5	
<i>Maternal mortality ratio</i>	0.41	<i>per 1000 live births</i>
<i>Life expectancy at birth</i> <sup>@</sup> (years) :		
<i>Male</i>	71.2	
<i>Female</i>	77.7	
<i>Both Sexes</i>	74.4	
<b><u>INFRASTRUCTURE AND PERSONNEL</u></b>		
Beds - public & private sectors	4,415	
<i>Population : bed ratio</i>	277	<i>inhabitants per bed</i>
Doctors - public & private sectors*	3,210	
<i>Population : doctor ratio</i>	394	<i>inhabitants per doctor</i>
Dentists - public & private sectors*	411	
<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*	4,400	
<i>Population : nurse ratio</i>	288	<i>inhabitants per nurse</i>

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

@ 2017

**SELECTED HEALTH VARIABLES AND INDICATORS**  
**ISLAND OF MAURITIUS - 2018**

Variable / Indicator	Number / Value	Denominator
<b><u>MATERNAL AND CHILD HEALTH</u></b>		
Births attended by qualified personnel <i>Percentage of all births (registered=12,325)</i>	99.8	
Children with a birthweight of less than 2.5 kg <i>Percentage of live births (in hospitals &amp; private clinics=12,165)</i>	2049 16.8	
<i>Total Fertility Rate</i>	1.4	
<i>Net Reproduction Rate</i>	0.6	
<b><u>IMMUNIZATION ( PUBLIC SECTOR ONLY)</u></b>		
Children immunized against tuberculosis <i>Immunization coverage</i>	10,310	85.7 <i>per 100 surviving infants</i>
Children immunized against diphtheria, Pertussis, Haemophilus-Influenza Type B, Polio(Inactivated), tetanus and Hepatitis B <i>Immunization coverage</i>	10,355	86.0 <i>per 100 surviving infants</i>
Children immunized against measles/mumps/rubella (MMR) <i>Immunization coverage</i>	11,208	93.1 <i>per 100 surviving infants</i>
Pregnant women immunized against tetanus (2nd or higher dose) <i>Immunization coverage</i>	7,818	59.4 <i>per 100 estimated pregnant women</i>
<b><u>NOTIFIABLE DISEASES (REPUBLIC OF MAURITIUS)</u></b>		
Cases of tuberculosis reported <i>Incidence rate</i>	133	10.5 <i>per 100,000 mid-year population</i>
Cases of malaria reported : <i>Incidence rate</i>	41	3.2 <i>per 100,000 mid-year population</i>
Cases of HIV \ AIDS reported ( <i>Mauritians</i> ) <i>Incidence rate</i>	382	30.2 <i>per 100,000 mid-year population</i>
<b><u>CAUSE OF DEATH</u></b>		
Deaths due to diseases of the circulatory system <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	3,694	35.1 30.2 <i>per 10,000 mid-year population</i>
Deaths due to endocrine, nutritional and metabolic diseases <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	2,237	21.3 18.3 <i>per 10,000 mid-year population</i>
Deaths due to neoplasms <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	1,351	12.8 11.1 <i>per 10,000 mid-year population</i>
Deaths due to diseases of the respiratory system <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	1,233	11.7 10.1 <i>per 10,000 mid-year population</i>
Deaths due to injury and poisoning <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	534	5.1 4.4 <i>per 10,000 mid-year population</i>

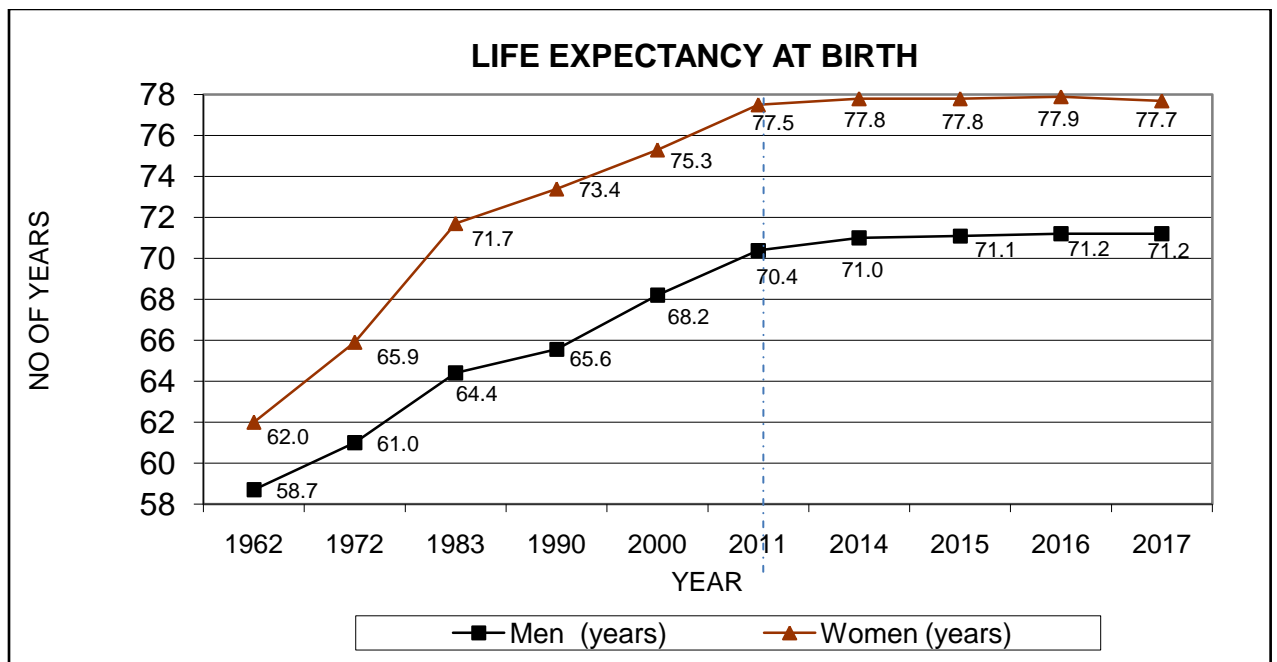
## AN ANALYSIS OF THE HEALTH SITUATION

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

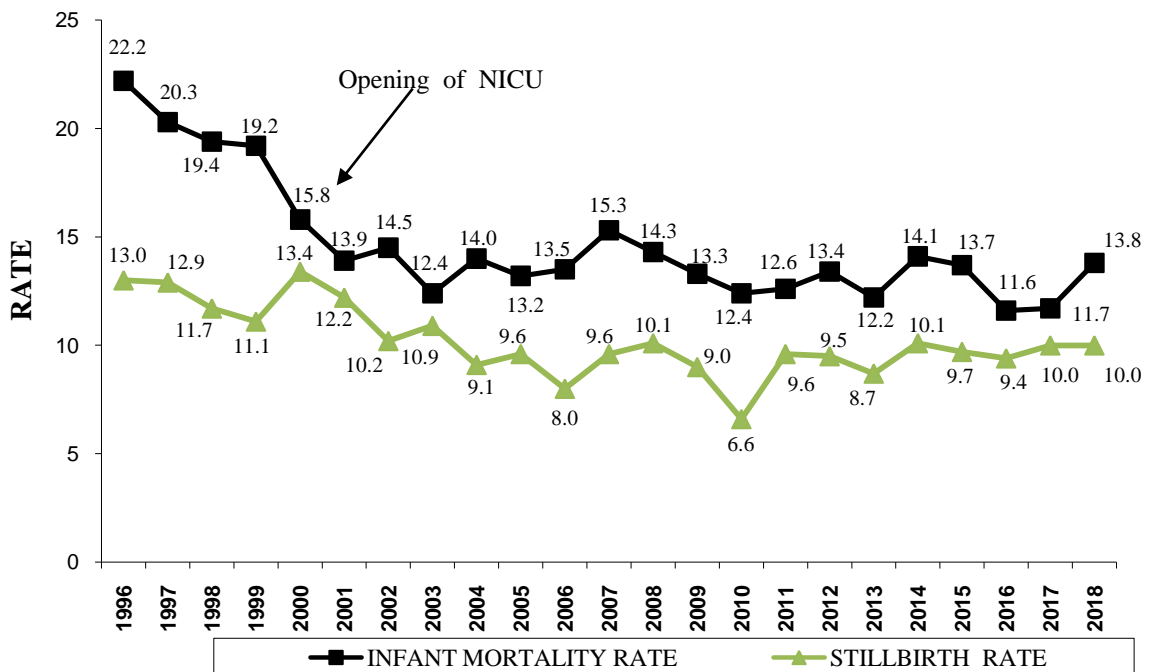
The estimated resident population of the Island of Mauritius at the end of 2018 was 1,222,208 (604,923 males and 617,285 females) compared to 1,222,217 in 2017.

During the year 2018, a total of 12,202 live births was registered, giving a crude birth rate of 10.0 per thousand mid-year resident population compared to 10.4 in 2017. Crude birth rates were continuously decreasing in the period 2002-2015. Life expectancy at birth, which was 68.1 years for males and 75.3 years for females in 2000, has reached 71.2 years and 77.7 years respectively in 2017. These figures may slightly differ with those of the Republic of Mauritius given in the chart below.



The number of deaths registered in 2018 was 10,521, corresponding to a crude death rate of 8.6 per thousand mid-year resident population. In 2018, a slight increase has been noted compared to 2017 with 9,914 deaths and a crude death rate of 8.1.

The number of infant deaths, that is deaths among children aged under one year, registered in 2018 was 168, corresponding to an infant mortality rate (IMR) of 13.8 per thousand live births compared to 11.7 in 2017 and to 15.3 in 2007. Similarly, 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. Since then, the rate has followed an erratic trend between 8.7 and 10.1.



In 2018, the number of maternal deaths registered was 5 compared to 10 in 2017. The maternal mortality ratio per 1,000 livebirths was 0.41 and 0.79 respectively. Maternal mortality followed an erratic trend in the period 2010-2018 with an annual average of 7 maternal deaths.

## HEALTH CARE DELIVERY SYSTEM

In the Island of Mauritius, as at the end of 2018, 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 3,864 as at the end of 2018.

In the private sector there were, as at the end of 2018, nineteen private health institutions with a total of 724 beds. The total number of beds in the public and private sectors as at the end of 2018 was thus 4,415, that is, 277 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, 18 Area 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 2018.

## HEALTH PERSONNEL

At the end of 2018, there were 3,210 doctors registered with the Medical Council of the Republic of Mauritius, that is, 25.4 doctors per 10,000 population. 1,525 (47.5%) doctors, including 341 specialists, were employed in the public sector.

There were 411 dentists, of whom 66 in the public sector, at the end of 2018. The corresponding number of pharmacists was 536 and 38 respectively. The number of qualified nurses and midwives in the public and private sectors was 4,400 of whom 3,907 were employed by the Ministry of Health and Quality of Life.

## INPATIENT SERVICE

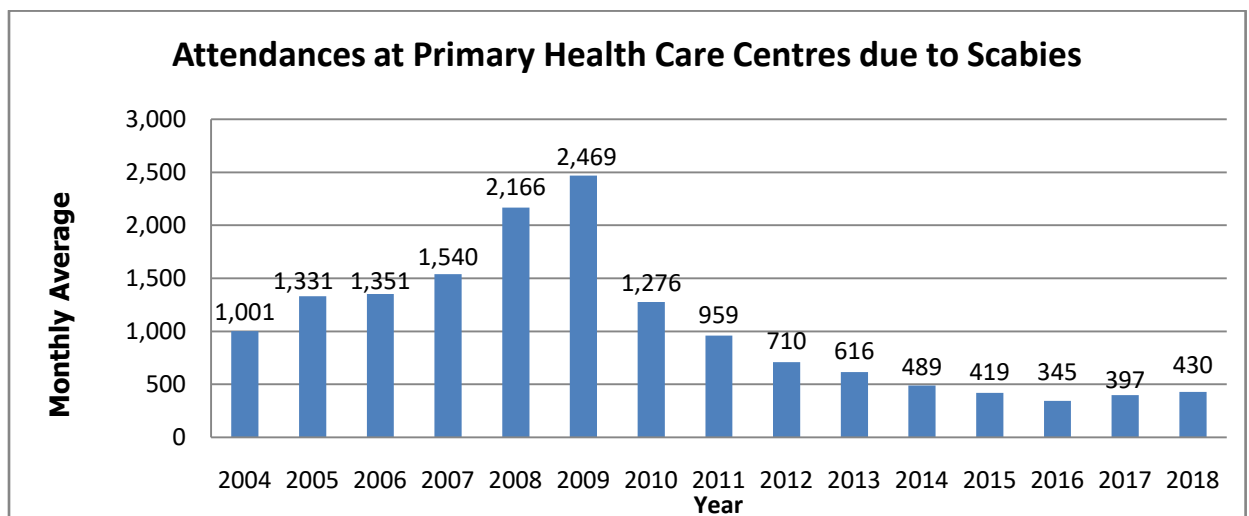
In 2018, the number of admissions (including re-admissions) to government hospitals in the Island of Mauritius was 199,079 compared to 203,211 in 2017. Bed occupancy in the general government hospitals was 71.1% in 2018 compared to 73.9% in 2017 and to 70.7% in 2010.

## OUT-PATIENT SERVICE

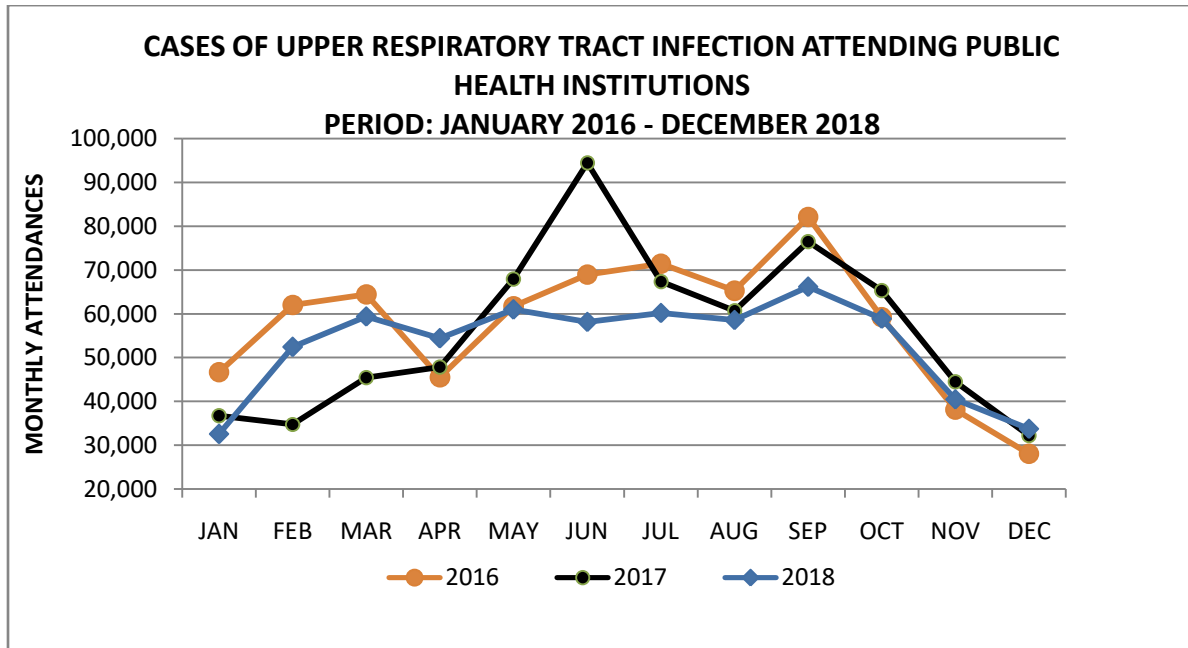
In 2018, a total of 5.6 million cases were seen by doctors at the out-patient service points in the public sector, comprising general and specialized hospitals with 3.5 million (62.5%) and primary health care centres with 2.1 million (37.5%).

In 2018, attendances for the treatment of common diseases and injuries, including cases seen by doctor, at the Community Hospitals, Medi Clinics, Area & Community Health Centres were 5.10 million, as compared to 4.80 million in 2017 and 2.83 million in 2000. An increase of 6.3% was noted in the number of attendances between 2017 and 2018.

In 2004, the monthly average attendances at the primary health care centres due to scabies were 1,001. An increasing trend in the incidence of the disease was observed when the monthly average gradually reached 2,469 cases in 2009. Since then, a decreasing trend was observed till 2016 when the figure reached 345. However, a slight increase was noted with 397 cases in 2017 and 430 cases in 2018.



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 2018, the figure stood at 636,148 compared to 673,794 in 2017 and to 693,805 in 2016. Monthly attendances due to URTI in the period 2016-2018 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 increased from 8,852 in 2017 to 8,949 in 2018. The total number of first and subsequent attendances for antenatal and postnatal examinations and children under 5 years seen at Well Baby clinics has decreased from 256,274 in 2017 to 255,124 in 2018.

The percentage of low birth weight (less than 2,500 grammes) among live births in the public sector was 19.3% in 2018 compared to 15.0% in 2003. The percentage of deliveries by caesarian section occurring in government hospitals was 49.0% in 2018 compared to 26.8% in 2000.

In 2018, the number of livebirths among mothers aged less than 20 years was 1,053, corresponding to 8.6% of the total livebirths registered compared to 10.2% in 2012 when 1,406 livebirths were registered among teenagers.

The number of shots performed on babies by MCH staff in 2018 was 123,263. The number of children immunized against *diphtheria, whooping cough, tetanus, hepatitis B, HIB and poliomyelitis* (3<sup>rd</sup> dose) was 10,355. Those immunized against *poliomyelitis* (3<sup>rd</sup> dose) was 10,432 and against *measles/mumps/rubella (MMR-1<sup>st</sup> dose)* 11,208. In September 2018, MMR-2<sup>nd</sup> dose was introduced and the total number of babies vaccinated was 5874. Two new vaccines were introduced in 2016, namely *pneumococcal* in March and *human papilloma virus* in August.

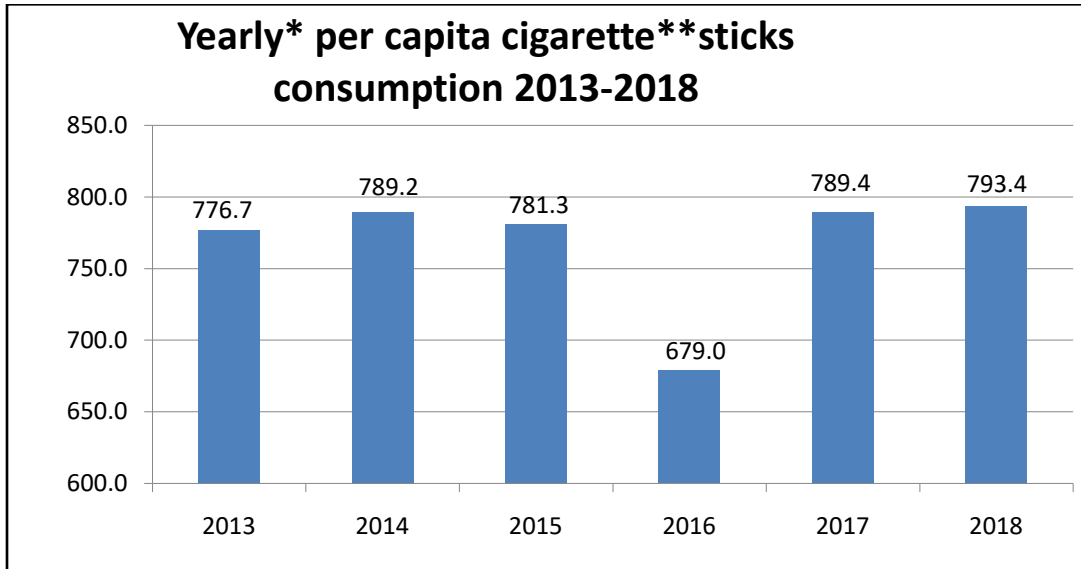
## SCHOOL HEALTH

During the year 2018, the nursing staff responsible for school health visited 525 pre-primary schools and screened 14,797 children. 4% of these children were reported to have nits and lice. The nursing staff also visited 301 primary schools and screened 39,089 pupils. 23,517 pupils of Standards III, V and VI were submitted to vision tests and 1,034 of them were found to have vision problem. 10,833 of the new entrants to primary schools were immunized against *diphtheria & tetanus (D.T.)* and *poliomyelitis*. 10,937 of them were also immunized against *MMR* and 13,234 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 1,004 million in 2018 compared to 998 million in 2017. 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 789 in 2017 and 793 in 2018.

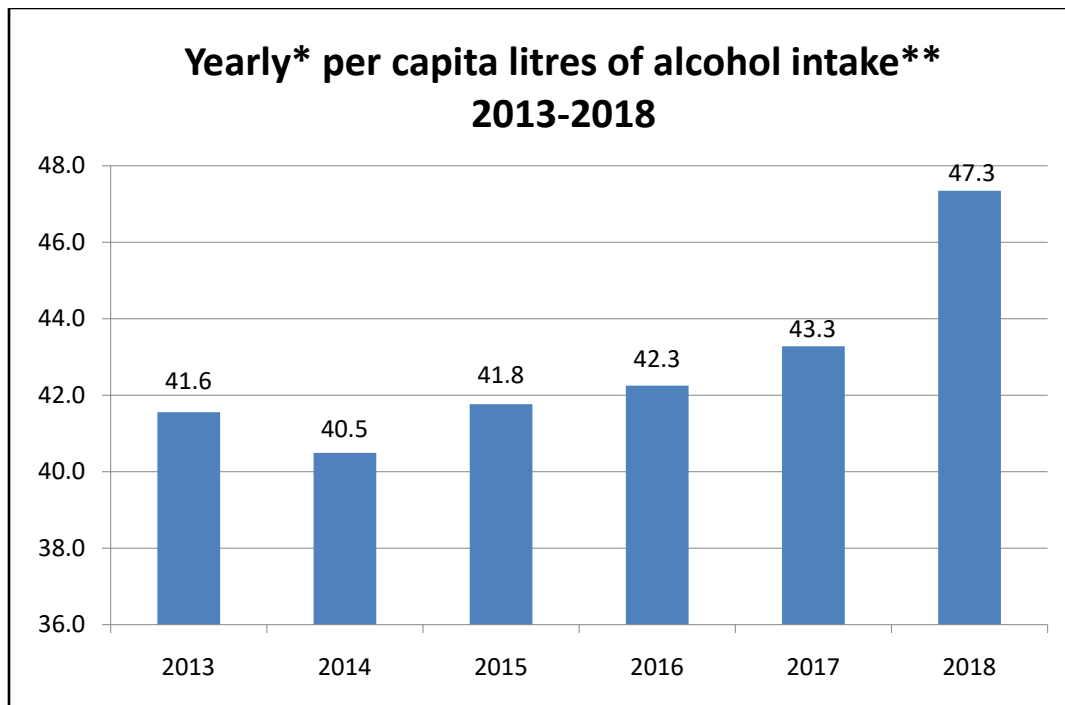




\*based on data from January to December

\*\* imported

Data submitted by the MRA indicate that the number of litres of imported or locally produced alcoholic products was 60 million in 2018 compared to 51 million in 2014. The estimated yearly per capita litre of alcoholic beverage for 2018 was 47.3 litres. The chart given below indicates an increase in the consumption of alcoholic beverages since 2014.



\*based on data from January to December

\*\* imported

## DENTAL HEALTH

The total number of attendances at government dental clinics (static and mobile) in 2018 was 275,303, out of which 44,391, that is 16.1%, were among children aged less than 12 years. 20,078 (7.3%) were cases seen by dental specialists. The number of cases treated for paradontal diseases was 29,141 and the number of surgical operations on jaws, including surgical extraction of roots and impacted teeth, was 5,080.

## 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 263,376 in 2018. 24,923 of these cases have undergone surgical operations and procedures. 3,720 live births and stillbirths that occurred in these institutions represented 30.3% of total births registered in the whole island compared to 14% in 2003. 11.1% 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 59.3% in 2018 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 2018 a total of 7,712 cases of HIV/AIDS were detected, of whom 7,421 (5,503 males, 1,918 females) were Mauritians. 71.6% of the 7,421 HIV infected Mauritians were in the age-group 25 to 49 years and 18.0% in the age-group 15 to 24 years.

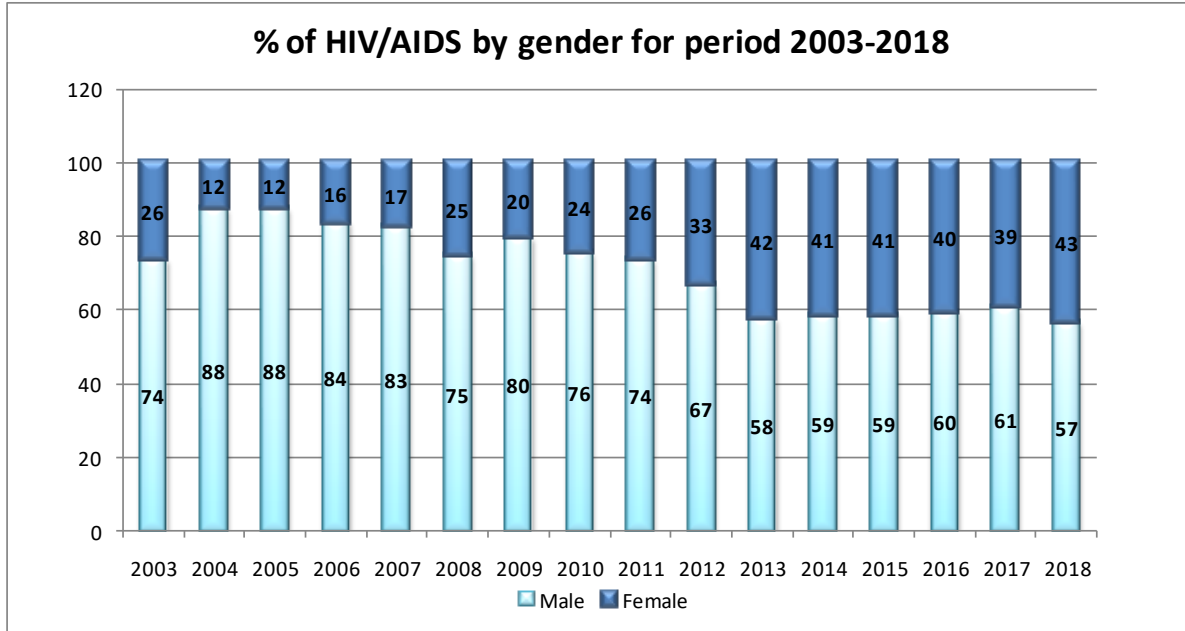
**Distribution of HIV/AIDS cases #by sex and age \* group****(1987 – 2018)**

<b>AGEGROUP (YEARS)</b>	<b>MALE</b>	<b>FEMALE</b>	<b>TOTAL</b>
<5	26	23	49
5-14	12	22	34
15-19	106	183	289
20-24	676	372	1048
25-29	1085	360	1445
30-34	979	293	1272
35-39	834	243	1077
40-44	736	162	898
45-49	513	108	621
50-54	304	83	387
55-59	133	36	169
60+	99	33	132
<b>Total</b>	<b>5503</b>	<b>1918</b>	<b>7421</b>

\* Age at detection

# Mauritians

As shown on the chart that follows, the number of new HIV/AIDS cases is more significant among the male than among the female. 1,918 of the 7,421 Mauritian cases of HIV and AIDS registered as at the end of December 2018 were females, that is, 25.8%. The percentage of new female cases has significantly increased during the last five years to reach 43% in 2018 as compared to 12% in 2005 and 24% in 2010.

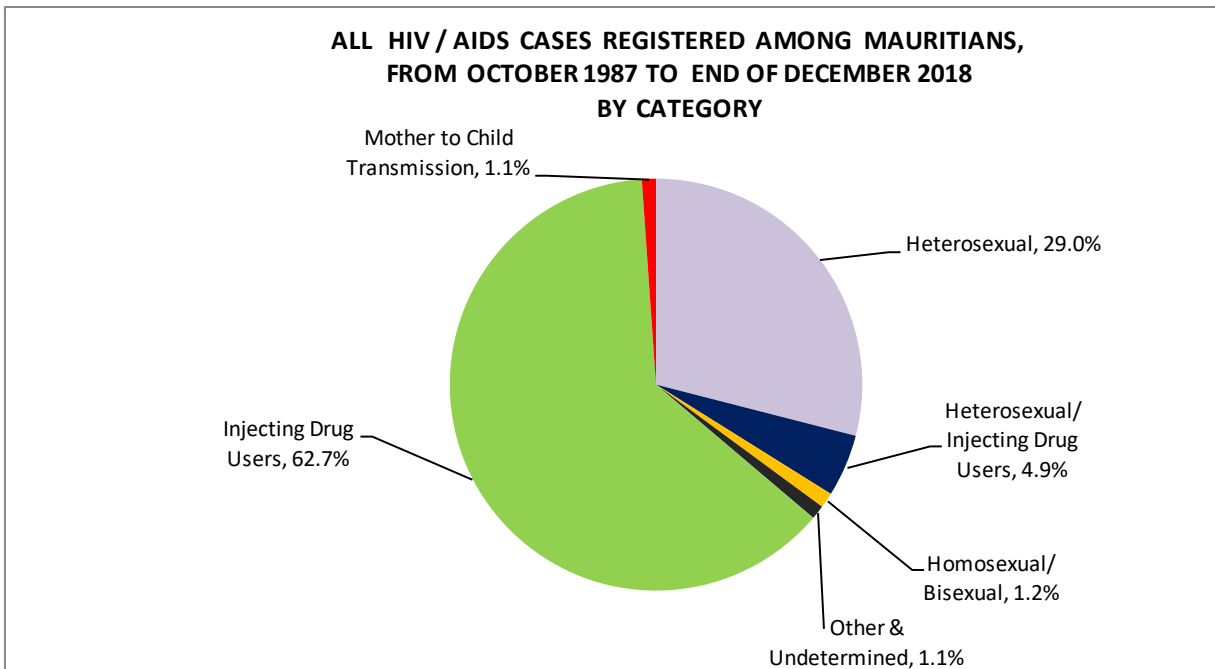


HIV tests conducted by the Virology Laboratory of the Ministry of Health & Quality of Life and positivity rates from 2010 to 2018 are as follows:

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

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 2018, it was 31.2% as compared to 38.6% in 2017. In the period 1987-2018, 1.1% of all newly detected cases of HIV were due to Mother to Child Transmission (MTCT). The distribution of the 7,421 infected Mauritian 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, only 1 case was reported. After an increase in the number of cases in dengue from 19 in 2013 to 64 in 2014 to 91 in 2015, there was a significant decrease to 13 imported cases in 2017. In 2018, only 6 cases were registered.

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 84 cases among children less than 15 years of age have been detected in the country between August 2003 and December 2018. The AFP Rate per 100,000 children (<15 years) was 3.1 in 2018 with 7 cases.

*Deliveries* constituted 3.8% of all cases treated as in-patients in government general hospitals in 2018. Among other principal causes of discharges, there were *Diabetes Mellitus* with 2.9%, *Diarrhoea and gastroenteritis* with 2.8% and *Acute Upper Respiratory Infections* with 3.2%. The distribution by ICD-10 chapters indicates that 10.3% of all cases treated were due to “*Pregnancy, childbirth and the puerperium*”, 11.3% due to “*Injury and Poisoning*”, 10.3% due to “*Diseases of the Respiratory System*” and 10.3% due to “*Disease of the Circulatory System*”.

In 2018, of the 17,911 cases (10,872 males and 7,039 females) treated as in-patients in government general hospitals due to consequences of external causes, 7,253 (40.5%) were following “*Falls*”, 2,102 (11.7%) following “*Transport Accidents*” and 1,893 (10.6%) following “*Assaults*”. Of the 590 (3.3%) cases treated as in-patients following “*Attempted suicides*”, 290 (49.2%) 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 2018, 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 2016, it decreases to 745 as compared to 1,081 in 2015 (*see table given below*). In 2018, it has decreased to 740. This disease affects mostly children below the age of 5 years (87.3% of admitted cases in 2018).

**Admissions due to “Acute Bronchiolitis”**

<b>Year/Age</b>	<b>&lt;1 year</b>	<b>1-4 years</b>	<b>5 &amp; above</b>	<b>All Ages</b>
2003	199	76	18	293
2004	211	94	8	313
2005	298	174	26	498
2006	332	234	22	588
2007	514	408	37	959
2008	590	366	72	1028
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

Other 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*). However, the number of admissions due to “Asthma” have decreased in the period 2012 and 2018, probably because many patients have access to nebulisers at primary health care level.

**Admissions due to certain respiratory diseases**

Diseases	Sex	2012	2013	2014	2015	2016	2017	2018
<b>Acute upper respiratory infections</b>	Male	3624	3,095	3,673	2,918	3,121	2,447	2,554
	Female	3479	3,199	3,671	2,882	3,305	2,479	2,524
	Total	7103	6,294	7,344	5,800	6,426	4,926	5,078
<b>Acute bronchitis and bronchiolitis</b>	Male	822	1,077	1,135	1,351	1,123	1,276	1,253
	Female	647	1,026	954	1,154	1,105	1,188	1,378
	Total	1469	2,103	2,089	2,505	2,228	2,464	2,631
<b>Pneumonia</b>	Male	280	353	368	331	436	386	415
	Female	276	365	368	335	385	336	397
	Total	556	718	736	666	821	722	812
<b>Bronchitis, emphysema and other chronic obstructive</b>	Male	914	820	765	669	892	686	864
	Female	816	895	626	509	758	640	668
	Total	1,730	1,715	1,391	1,178	1,650	1,326	1,532
<b>Asthma</b>	Male	1,098	1,059	1,020	1,061	835	859	772
	Female	1,403	1,431	1,356	1,305	1,246	1,128	1,288
	Total	2,501	2,490	2,376	2,366	2,081	1,987	2,060

In 2018, of the 2,840 cases treated as in-patient at the Cardiac Centre, 1,367 (48.1%) were for “*Angina pectoris*”, 920 (32.4%) for “*Chronic Ischaemic heart diseases*” and 38 (1.3%) for “*Congenital malformations of the circulatory system*”. A total of 819 cardiac surgeries has been performed at the Cardiac Centres (424 at Pamplémousses and 395 at Candos).

5,442 (63.9%) of the 8,511 cases treated as in-patients at S.Bharati (Eye) Hospital in 2018 were due to cataract. Among the cataract cases, 5,280 (97%) were operated upon. 695 cases were treated as in-patient at the hospital for “*injuries and other consequences of external causes*”.

During the year 2018, 535 in-patients were treated at the Poudre d'Or (Chest) Hospital of whom 315 (58.9%) were males. *Pulmonary tuberculosis* was the morbid condition for 129 patients (81 males, 48 females), followed by *Asthma* with 63 patients (18 males, 45 females) with a percentage of 24.1 and 11.8 respectively. 27 patients died at the Hospital, giving a fatality ratio of 5.0%.

Of the 1,170 new cases diagnosed at the out-patient specialist clinics in chest diseases during the year 2018, 109 (9.3%) were diagnosed with *pulmonary tuberculosis*. Among the non-tuberculous diseases, *asthma* was in first place with 294 new cases, that is, 25.1% of all new cases diagnosed.

Of the 3,579 in-patients treated at Brown Sequard Hospital in 2018, *Schizophrenia* accounted for 1,091 cases (605 males, 486 females), that is 30.5%, followed by Depressive episode with 377 cases (10.5%).

The principal causes of admissions in government general and specialised hospitals in the year 2018 are given below:

<b>Cause</b>		<b>Number of in-patients*</b>			<b>%</b>
<b>GENERAL HOSPITALS</b>		<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Total</b>
1	Pregnancy, Childbirth and the	-	16,282	16,282	10.3
2	Injuries and poisoning	10,872	7,039	17,911	11.3
3	Diseases of the Respiratory System	7,782	8,578	16,360	10.3
4	Diseases of the genito-urinary	4,673	6,638	11,311	7.1
5	Heart Diseases	4,330	3,118	7,448	4.7
6	Cancers and other neoplasms	1,866	3,162	5,028	3.2
7	Diarrhoea and gastroenteritis	1,893	2,602	4,493	2.8
8	Diabetes	2,412	2,152	4,564	2.9
9	Gastritis and duodenitis	2,287	1,967	4,254	2.7
10	Hypertensive Diseases	1,450	1,990	3,440	2.2
<b>SPECIALISED HOSPITALS</b>		<b>Male</b>	<b>Female</b>	<b>Total</b>	
1	Cataract (Eye Hospital)	2,381	3,061	5,442	63.9
2	Heart Diseases (Cardiac Centre)	1,821	949	2,770	97.5
3	Schizophrenia (Psychiatric Hospital)	605	486	1,091	30.5
4	Acute pharyngitis & tonsillitis (ENT)	597	691	1,288	37.1
5	Pulmonary Tuberculosis (Poudre	81	48	129	24.1

\* including re-admissions



Of the 416 cases treated as in-patients in 2018 at the Neonatal Intensive Care Unit located in the five regional hospitals, 168 (40.4%) were for *disorders related to length of gestation and fetal growth*, 73 (17.5%) for *respiratory and cardiovascular disorders specific to the perinatal period* and 70 (16.8%) for *infections specific to the perinatal period*. There were 101 deaths among those 416 cases, giving a fatality ratio of 24.3%.

The number of new cases diagnosed at the specialist clinics in dermatology in 2018 were 14,017 of which 3,418 (24.4%) was *skin infections* (1,528 of fungal and 666 of parasitic origin). 15.8% of new cases were treated for *eczema*, 7.9% for *psoriasis and similar disorders*, and 5.8% for *diseases of nail and hair*.

Of the 3,475 cases treated as in-patients at the ENT Hospital in 2018, 884 (25.4%) were for “*acute tonsillitis*”, 401 (11.6%) for “*acute pharyngitis*” and 235 (6.8%) for “*otalgia and effusion of ear*”. Another 8.0% 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 1,159 operations were performed on in-patients at the centre, of which 412 (35.5%) were “*excision on tonsils and adenoids*”.

The number of new cases diagnosed at out-patient specialized clinics in ENT in 2018 was 8,340. *Diseases and conditions of ear* accounted for 3,624 new cases (43.5% of the total new cases diagnosed) followed by *diseases and conditions of nose* for 3,002 (36%) and *diseases and conditions of throat* for 1,690 (20.3%). *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 2018, the number of reported cases of sexually transmitted infections diagnosed at the skin disease clinic of regional hospitals was 557 (349 males, 208 females). 142 cases of “*gonococcal infections*”, 100 “*venereal warts*”, 292 “*syphilis*” and 23 “*herpes simplex*” were reported.

In 2018, eight Day Care Centres for the immuno-suppressed were operational, namely at the VolcyPougnet Health Centre, Victoria, SSRN, J.Nehru, Flacq, Mahebourg and Souillac hospitals and Yves Cantin Community hospitals. 320 first attendances of HIV/AIDS patients

were registered in 2018. 467 persons received the “*Post-HIV Exposure Prophylaxis*” and 4,827 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 2018 were *Upper Respiratory Tract Infection (URTI)* with 18.3%. Other common causes of first attendances were *cough, pain in throat, chest pain, wheezing, hiccough, sneezing* with 9.0% and *fever/pain all over* with 6.2%. Another 4.7% were treated with *superficial injury, open wound, sprain/strain, fractures, burns and other injuries*.

The distribution by ICD chapters shows that 29.6% of first attendances at the above mentioned dispensary service points were due to “*Diseases of Respiratory System*” and 9.6% due to “*Diseases of the musculoskeletal system and connective tissue*”. They were followed by the “*Diseases of digestive system*” with 6.7%, “*Injuries, poisoning and certain other consequences of external causes*” with 4.8% and *Diseases of the eye and adnexa*” with 2.5%.

The leading causes of attendance in 2018 at the community hospitals, medi clinics, area health centres and community health centres, where common diseases and minor injuries are treated, are given below.

	<b>CAUSE- (I.C.D 10)</b>	<b>Male</b>	<b>Female</b>	<b>Total Number</b>
1	Diseases of the respiratory system	317,405	337,326	654,731
2	Diseases of the musculoskeletal system & connective tissues	106,340	105,557	211,897
3	Cough/pain in throat/chest pain/sneezing	94,859	103,362	198,221
4	Diseases of the digestive system	74,329	74,410	148,739
5	Fever/pain all over	67,835	69,445	137,280
6	Injury and poisoning	60,487	45,002	105,489
7	Certain infectious & parasitic diseases	51,289	52,618	103,907
8	Diseases of the skin & subcutaneous tissue	51,049	50,097	101,146
9	Neck pain/ backache	46,662	44,879	91,541
10	Abdominal and epigastric pain	43,659	47,179	90,838

Of the 2,461 new cases of cancer that were registered by the National Cancer Register in 2017 (1,400 in 2009), the most common types among males were that of *prostate gland* with 20.9%, *trachea bronchus and lung* with 9.1% and *skin* with 6.8%. The main types of cancer among females were that of *breast* (39.2%) followed by that of *colon* (4.7%), *cervix uteri* (4.3%), *ovary* (3.8%) and *trachea, bronchus and lungs* (3.8%).

## CAUSE OF DEATH

*Heart diseases* and *Diabetes mellitus* were the first two principal underlying causes of mortality in 2018, with 2,080 (19.8%) and 2,166 (20.6%) deaths respectively; *Cancer and other Neoplasm* of all sites taken together was in the third position with 1,351 (12.8%) deaths. Deaths due to *Cerebrovascular diseases* which amounted to 934 (8.9%) was in the fourth position followed by *Hypertensive Diseases* with 643 deaths (6.1%).

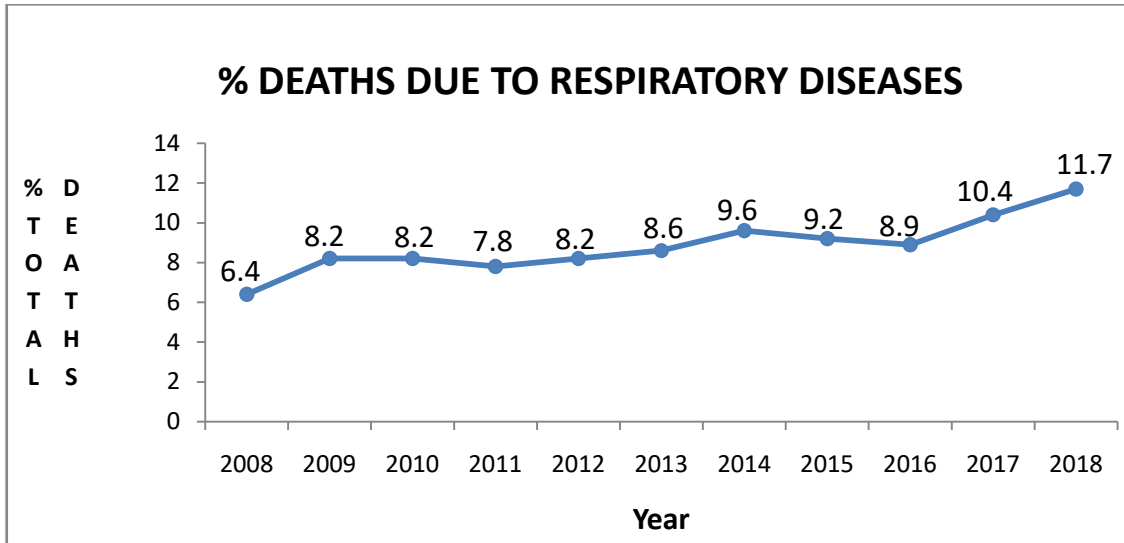
The distribution of deaths by Chapter of the International Classification of Diseases (10<sup>th</sup> Revision) showed that *Diseases of the Circulatory System* (Chapter IX) were responsible for 35.1% of all deaths in 2018. *Endocrine nutritional and metabolic diseases* (Chapter 1V) with 21.3% were in second place followed by *Neoplasms* (Chapter II) with 12.8%.

Of the 3,694 deaths due to *Diseases of the Circulatory System* in 2018, 2,080 (56.3%) were due to *Heart diseases*. *Stroke and other Cerebrovascular diseases* accounted for another 934 (25.3%) deaths. 21.2% of the 3,694 deaths occurred among persons aged less than 60 years.

Of the 1,351 deaths due to *Neoplasms* in 2018, the most common types of cancer were that of *trachea, bronchus and lung* and *female breast* with 10.6% and 13.0% respectively, *colon* with 7.1%, *prostate* with 7.0% and of *stomach* with 5.9%. 38 persons died due to *leukaemia* (2.8%).

Of the 534 deaths due to external causes in 2018, 30.5% were due to *transport accidents*, 19.7% due to *suicides*, 13.1% due to *falls*, 7.3% due to *assaults*, 7.9% due to *accidental drowning and submersion*, and 2.4% due to *exposure to smoke, fire and flames*.

In 2018, a total of 1,233 (11.7%) 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).



Of all the respiratory conditions causing death in 2018, pneumonia was the main one with 307 deaths (24.9%). 5.5% of deaths due to this infectious respiratory disease occurred among persons aged less than 45 years.

The principal causes of death in the year 2018 are given below:

CAUSES (ICD - 10)		Number of Deaths			
		Male	Female	Total	
				No.	%
1	Diabetes Mellitus	1149	1017	2166	20.6
2	Heart Diseases	1183	897	2080	19.8
3	Cancers and other tumours	659	692	1351	12.8
4	Cerebrovascular Diseases	479	455	934	8.9
5	Diseases of the Respiratory System	677	556	1233	11.7
6	Hypertensive Disease	301	342	643	6.1
7	Injury & Poisoning (Consequences of	407	127	534	5.1
8	Certain infectious & parasitic diseases	172	70	242	2.3
9	Cirrhosis of liver, liver abcess, chronic	130	25	155	1.5
10	Renal failures	25	25	50	0.5

As at the end of 2018, a total of 1,481 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

was 21 in 2005, had reached 105 in 2012; in both 2016 and 2017, 124 deaths were reported due to HIV/AIDS. In 2018, it is 123.

*Congenital anomalies* with 28 deaths were the principal killers of children under one year in 2018, that is 16.7% of the total (168) followed by *septicaemia and infections specific to perinatal period* (12.5%). Some other causes of infant deaths were *Intrauterine Hypoxia and birth asphyxia* 11 (6.5%), *slow fetal growth, fetal malnutrition and disorders related to short gestation and low birth weight* 10 (6.0%) and *disseminated intravascular coagulation in newborn with* (4.8%).

5 maternal deaths were registered in 2018. The causes for the year 2014 to 2018 are given below.

**Maternal Deaths by cause with age-at-death (years) 2014 - 2018**

Causes \ Year	2014		2015		2016		2017		2018	
	No	Age at death	No	Age at death	No	Age at death	No	Age at death	No	Age at death
Postpartum haemorrhage	1	29	-	-	-	-	-	-	1	33
Antepartum or intrapartum haemorrhage (with coagulation defect)	-	-	-	-	-	-	2	34 <sup>@</sup> 21	1	29
Disruption of obstetric wound and other compl of puerperium	-	-	-	-	-	-	-	-	-	-
Complications following abortion	-	-	-	-	2	26 19	-	-	-	-
Eclampsia and other maternal hypertension	1	21 <sup>@</sup>	2	31 32	2	27 <sup>@</sup> 23	3	34 40 36	-	-
Amniotic fluid, pulmonary and other obstetric embolism	1	45 <sup>@</sup>	-	-	-	-	-	-	-	-
Sepsis, pyrexia and other puerperal infections	-	-	-	-	-	-	-	-	1	24 <sup>@</sup>
Diseases of the Circulatory System complicating pregnancy, childbirth and puerperium	1	24	-	-	1	30 <sup>@</sup>	2	29 <sup>@</sup> 26	2	27 <sup>@</sup> 36
Placental Disorders	-	-	-	-	-	-	-	-	-	-
Abdominal or ectopic pregnancy	-	-	1	32	1	33	1	27	-	-
Diseases of the Resp. System compl. pregnancy, childbirth and puerperium	1	28 <sup>@</sup>	-	-	-	-	1	31 <sup>@</sup>	-	-
Diseases of the digestive System compl. pregnancy, childbirth and puerperium	1	37	1	21	-	-	-	-	-	-
Death from any obstetric cause occurring more than 42 days	-	-	-	-	-	-	-	-	-	-
Infections of genitourinary tract in pregnancy	1	34	-	-	-	-	1	17	-	-
<b>TOTAL</b>	<b>7</b>		<b>4</b>		<b>6</b>		<b>10</b>		<b>5</b>	

@ Caesarian Section done

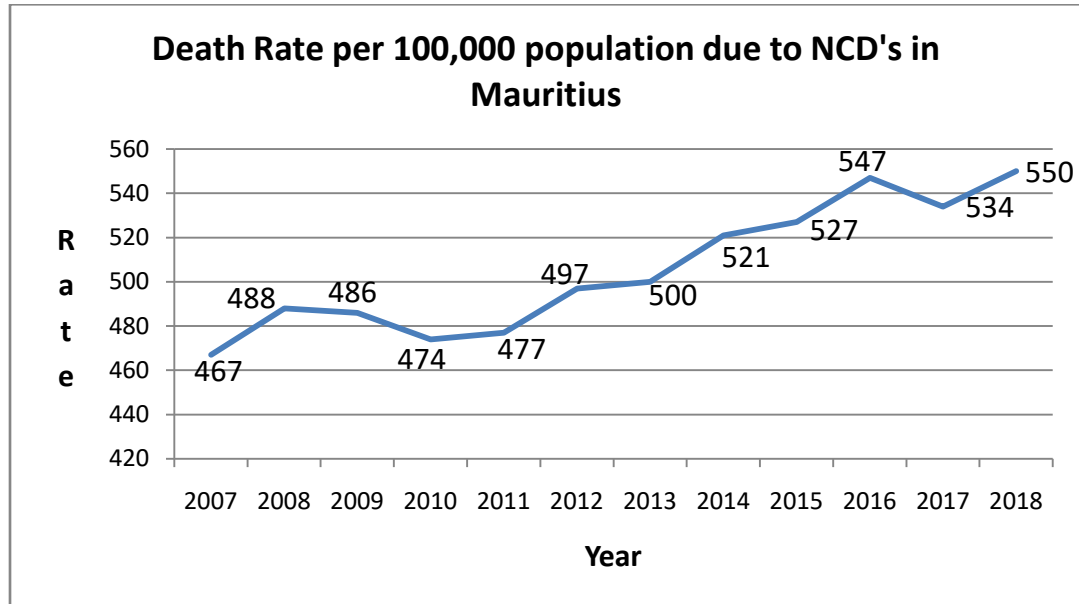
TRENDS IN CAUSE-SPECIFIC MORTALITY

*% underlying cause of death over total death registered*

	ICD-9	ICD-10									
Year	2000	2005	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total Deaths	7,806	8,422	8,891	8,951	9,103	9,231	9,438	9,496	9,920	9,914	10,521
<b>CAUSE:</b>											
<i>Heart Diseases (%)</i>	21.8	22.8	18.1	17.2	17.9	17.7	19.3	19.9	19.5	18.7	19.8
<i>Cerebrovascular Diseases (%)</i>	9.8	10.8	8.4	8.4	7.5	8.1	7.9	8.6	10	8.2	8.9
<i>Other Diseases of Circulatory system (%)</i>	4.2	3.7	5.7	5.5	5.9	5.2	4.6	5	5.7	5.4	6.4
<b>All Circulatory (%)</b>	<b>35.8</b>	<b>37.3</b>	<b>32.2</b>	<b>31.1</b>	<b>31.4</b>	<b>31</b>	<b>31.8</b>	<b>33.5</b>	<b>35.2</b>	<b>32.3</b>	<b>35.1</b>
<i>Diabetes Mellitus(%)</i>	19	21.1	23.6	25.4	26.5	24.6	25.1	24.1	23.5	23.2	20.6
<b>Total Circulatory and DM (%)</b>	<b>54.8</b>	<b>58.4</b>	<b>55.8</b>	<b>56.5</b>	<b>57.9</b>	<b>55.6</b>	<b>56.9</b>	<b>57.6</b>	<b>58.7</b>	<b>55.5</b>	<b>55.7</b>

The above table indicates that the percentages of “*Diabetes Mellitus*” as underlying cause of death is slightly decreasing during the recent years. Of all persons whose cause of death have been assigned to “*Diabetes Mellitus*”, around 40% ultimately died with “*Heart Diseases*” and another 30% with “*Strokes*” as direct cause of death.

1,351 persons died due to cancers in 2018. Mortality from this group of diseases has followed an increasing trend from 9.4% of total deaths in 2000 to 12.8% in 2018.



After 2010, 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 550 per 100,000 population in 2018 compared to 534 in 2017.

#### TRENDS IN SELECTED HEALTH INDICATORS

Figures related to the following health indicators for the Islands of Mauritius and Rodrigues as well as for the Republic of Mauritius, together with charts, are given at page 23-27: Stillbirth Rates, Infant Mortality Rates, Under-5 Mortality Rates, Maternal Mortality Ratios and % Low Birthweight.

As indicated by the specific line graphs, general decreasing trends have been observed in Mauritius as from 2002 in regards to Stillbirth, Infant Mortality and Under-5 Mortality. However, an erratic trend has been noted in these indicators during the recent years, for example, maternal mortality ratio which was following a decreasing trend since 2014 except in 2017 where there has been a significant increase.

The percentage of low birthweight (< 2.5 Kg) among livebirths that occurred in public and private health institutions in the Island of Mauritius has increased from 13.9% in 2003 to 17.4% in 2010. It then stabilized between 17.0% and 17.5% in the period 2011-2016. However, in 2017, it decreased to 16.3%. In 2018, it went up to 16.8%

### Health Indicators - Republic of Mauritius

	Unit	2011	2012	2013	2014	2015	2016	2017	2018
Infant mortality rate	Per 1,000 Live Births	12.9	13.7	12.1	14.5	13.6	11.8	12.2	14.0
Under five mortality rate		15.9	15.7	14.5	16.0	15.5	13.3	14.3	16.5
Maternal mortality ratio		0.34	0.62	0.66	0.52	0.47	0.46	0.74	0.39
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
Late neonatal mortality rate		3.3	3.0	3.1	3.4	3.1	2.9	2.2	3.5
Neonatal mortality rate		9.7	9.8	9.1	9.5	9.5	8.0	8.9	10.4
Post-neonatal mortality rate		3.1	3.9	3.0	5.0	4.1	3.7	3.3	3.5
Population per doctor	Number of inhabitants	803	730	616	519	495	456	432	394
Population per dentist		4,680	4,178	3,589	3,447	3,323	3,283	3,155	3,079
Population per hospital bed		280	282	283	284	281	278	279	276
% of deaths due to	%								
HIV/AIDS		1.2	1.1	1.1	1.1	0.9	1.2	1.2	1.1
Tuberculosis		0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1
Diseases of the Circulatory System		31.2	31.4	31.2	31.9	33.6	35.4	32.3	35.3
Diabetes		25.3	26.3	24.5	24.9	24.0	23.2	23.1	20.5
Neoplasms	11.4	12.4	13.4	12.6	13.3	12.7	13.8	12.8	
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
Death rate due to suicides		9.7	9.2	7.9	10.0	8.4	8.4	8.7	8.5
Life expectancy at birth:	Average number of years								*
Male		70.4	70.7	71.0	71.1	71.2	71.3	71.3	71.2
Female		77.5	77.7	77.6	77.8	77.9	77.9	77.7	77.6
Both Sexes		73.9	74.1	74.2	74.4	74.5	74.6	74.5	74.4

\* estimates

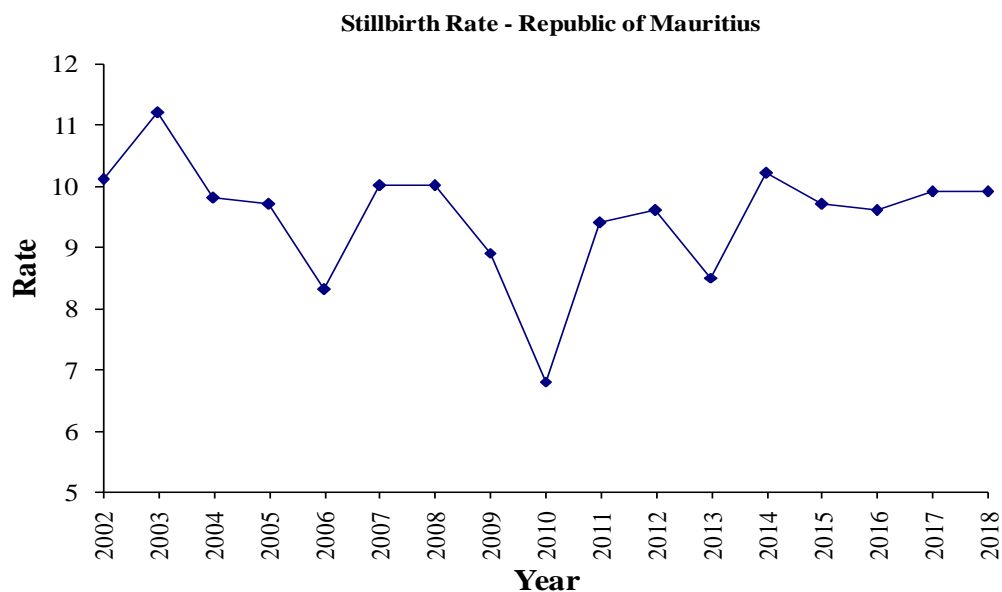


**STATISTICS RELATING TO STILLBIRTHS 2002 – 2018**

<b>YEAR</b>	<b>ISLAND OF MAURITIUS</b>		<b>ISLAND OF RODRIGUES</b>		<b>REPUBLIC OF MAURITIUS*</b>	
	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
<b>2018</b>	<b>123</b>	<b>10.0</b>	<b>7</b>	<b>9.1</b>	<b>130</b>	<b>9.9</b>

\*excluding the outer islands

# per thousand total live births and stillbirths

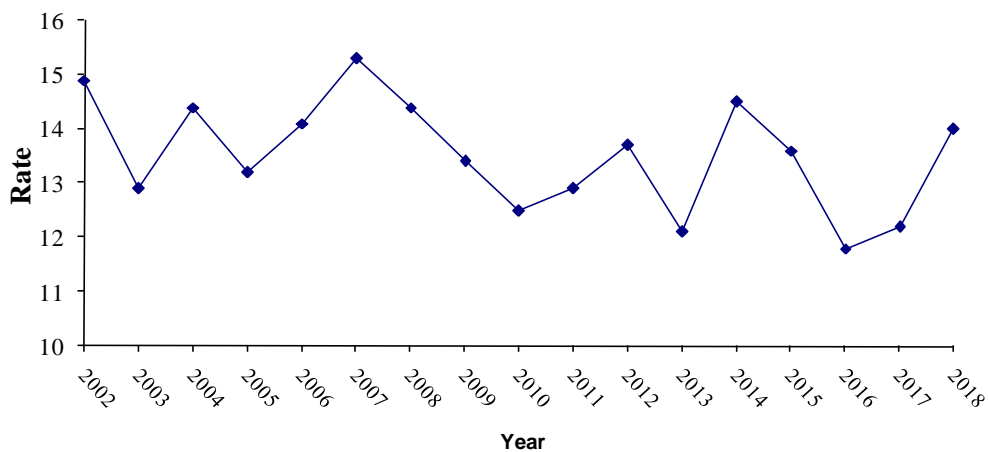


**INFANT MORTALITY STATISTICS 2002- 2018**

<b>YEAR</b>	<b>ISLAND OF MAURITIUS</b>		<b>ISLAND OF RODRIGUES</b>		<b>REPUBLIC OF MAURITIUS*</b>	
	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
<b>2018</b>	<b>168</b>	<b>13.8</b>	<b>13</b>	<b>17.0</b>	<b>181</b>	<b>14.0</b>

\*excluding the outer islands

@ per thousand live births

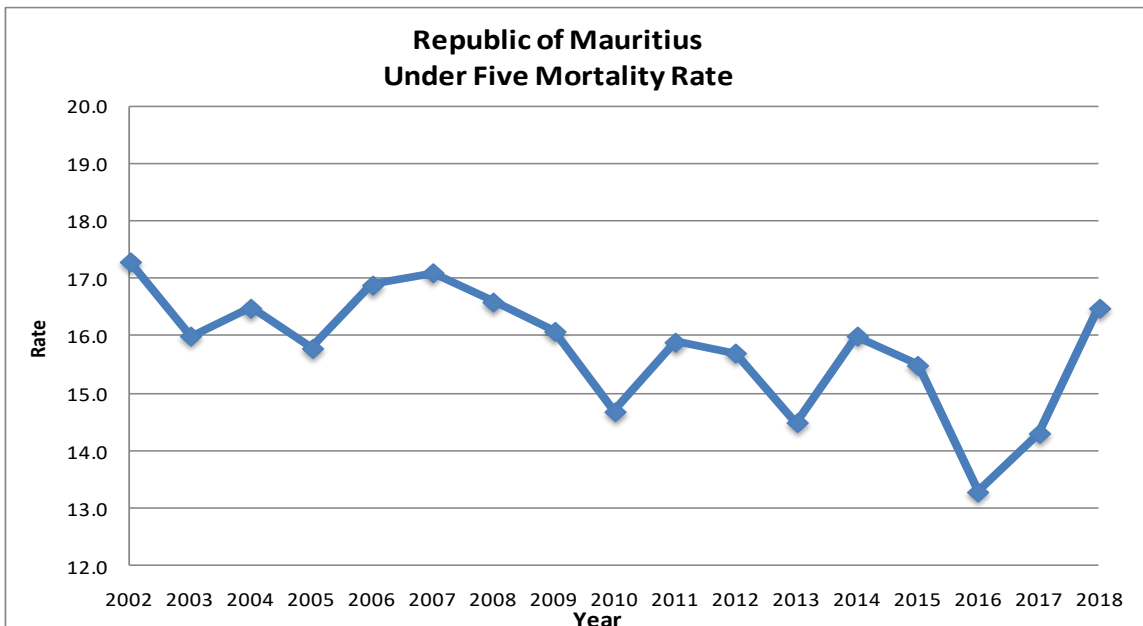
**Infant Mortality Rate - Republic of Mauritius**

**UNDER 5 MORTALITY STATISTICS 2002 – 2018**

<b>YEAR</b>	<b>ISLAND OF MAURITIUS</b>		<b>ISLAND OF RODRIGUES</b>		<b>REPUBLIC OF MAURITIUS*</b>	
	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
<b>2018</b>	<b>199</b>	<b>16.3</b>	<b>15</b>	<b>19.7</b>	<b>214</b>	<b>16.5</b>

\*excluding the outer islands

@ per thousand live births

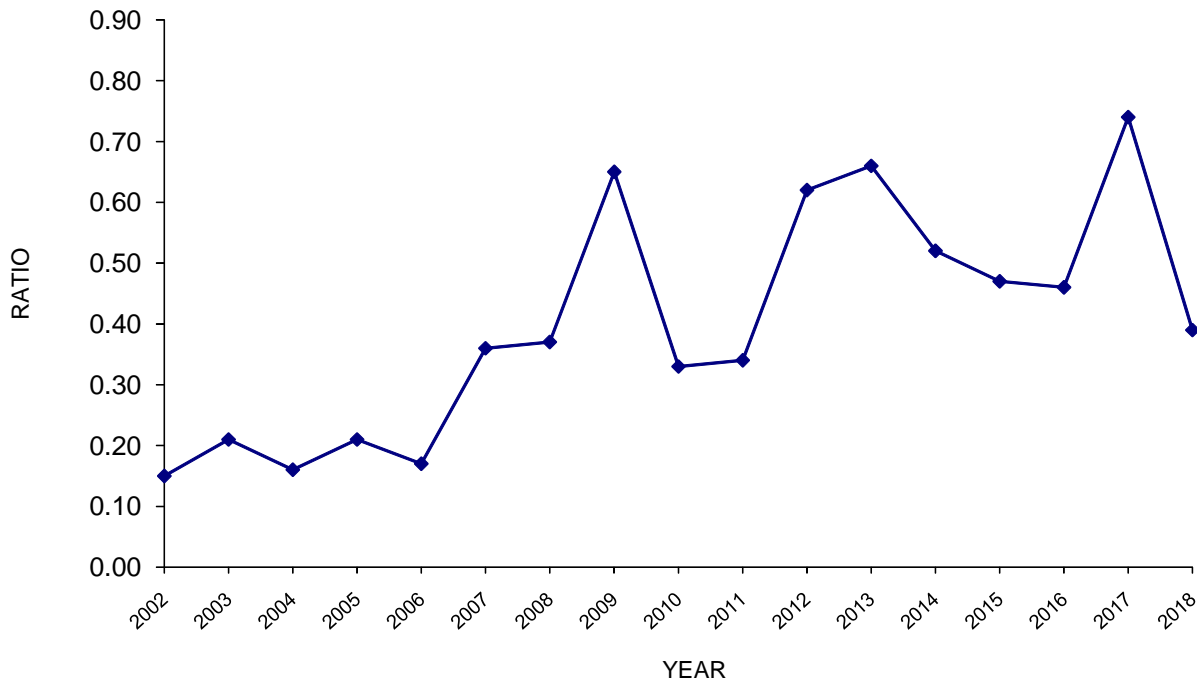


**MATERNAL MORTALITY STATISTICS 2002- 2018**

<b>YEAR</b>	<b>ISLAND OF MAURITIUS</b>		<b>ISLAND OF RODRIGUES</b>		<b>REPUBLIC OF MAURITIUS<sup>@</sup></b>	
	<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
<b>2018</b>	<b>5</b>	<b>0.41</b>	-	-	<b>5</b>	<b>0.39</b>

\* per 1,000 live births

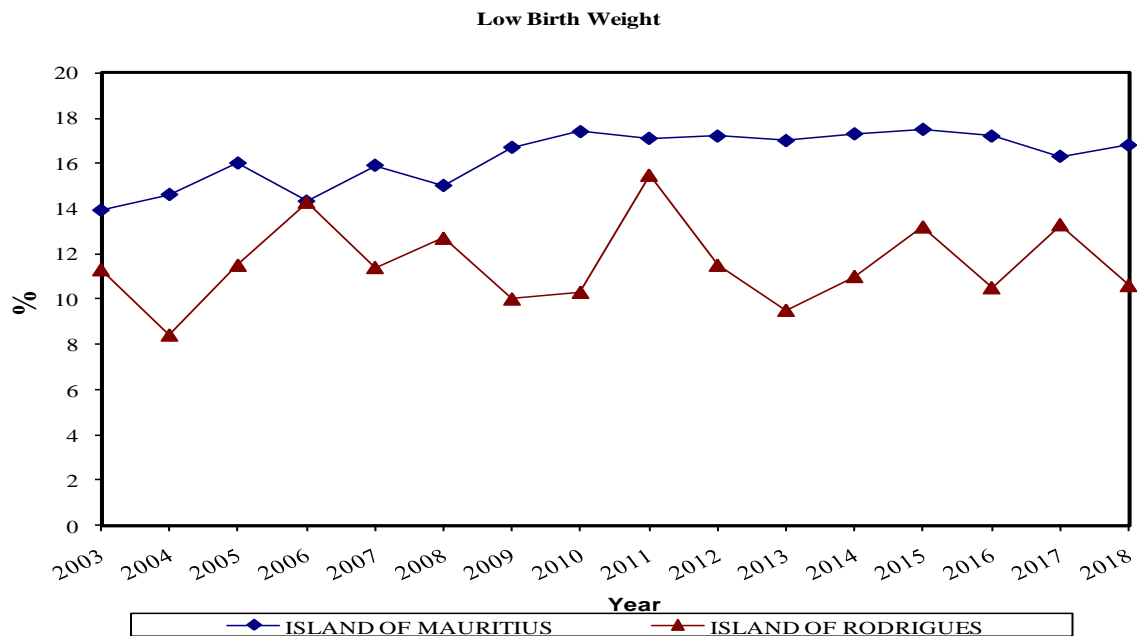
@ excluding the outer islands

**Maternal Mortality Ratio - Republic of Mauritius**

**LOW BIRTH WEIGHT \* (as a percentage of live births with known birthweight) 2003-2018**

<u>YEAR</u>	ISLAND OF MAURITIUS	ISLAND OF RODRIGUES	REPUBLIC OF MAURITIUS <sup>@</sup>
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

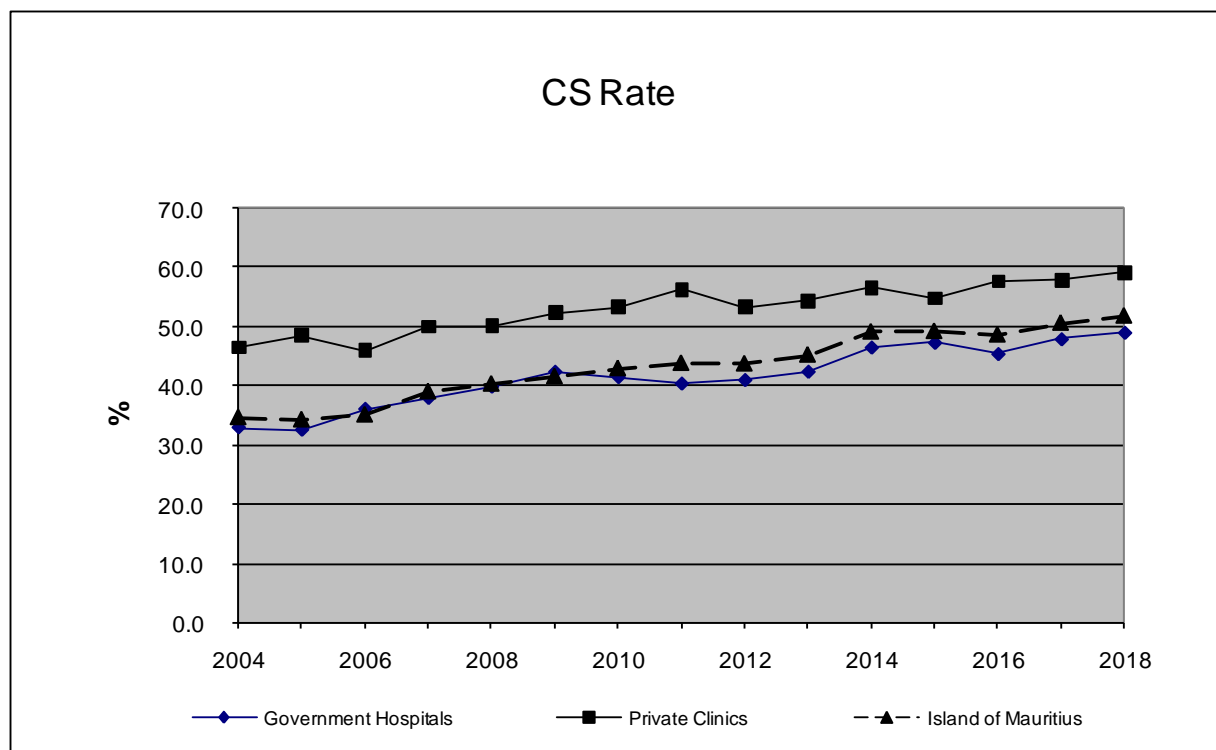
@ - excluding the outer islands



## Island of Mauritius

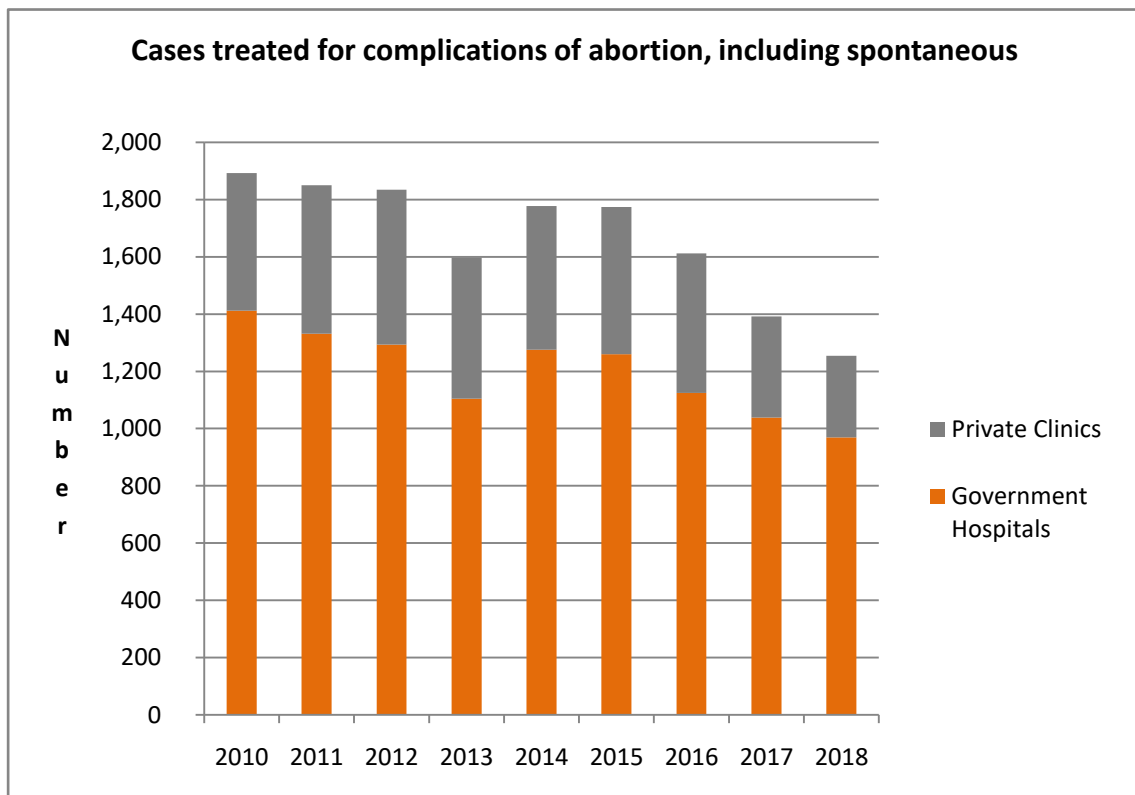
## Statistics on Caesarian Section (CS)

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	34.7
2005	4,851	32.6	1,379	48.4	6,230	34.3
2006	4,953	36.1	1,282	45.8	6,235	35.2
2007	5,071	38.0	1,384	50.0	6,455	39.1
2008	4,984	39.9	1,527	50.1	6,511	40.4
2009	4,919	42.4	1,552	52.3	6,471	41.6
2010	4,633	41.5	1,636	53.3	6,269	43.0
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	48.7
2017	4,309	47.9	2,113	57.9	6,422	50.7
2018	4,165	49.0	2,207	59.3	6,372	51.9



### 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



**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
2003	3,046	3,766	6,812	1,936	2,586	4,522
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

Disease / Year	Gastro-Enteritis			Bronchial Asthma		
	Male	Female	Total	Male	Female	Total
2003	2,181	2,378	4,559	1,538	1,735	3,273
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



## 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
2003	27,261	29,009	56,270	190,477	206,008	396,485
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

\* figures for 2011 onwards based on URTI Surveillance data

Disease / Year	Diabetes Mellitus			Hypertension		
	Male	Female	Total	Male	Female	Total
2003	9,649	10,506	20,155	12,522	13,423	25,945
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

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

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

\* per 100,000 mid-year population

# all imported/introduced cases

@ including non – Mauritians

**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	
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	
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	
CEREBROVASCULAR DISEASES	832	769	838	757	744	750	687	745	742	813	993	809	934	
HYPERTENSIVE DISEASES	395	469	490	528	466	453	497	440	399	443	509	505	643	
RENAL FAILURE	187	116	123	141	158	171	123	159	60	72	67	62	50	
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	
CHRONIC RESPIRATORY DISEASES	237	195	205	236	239	190	199	214	230	175	159	194	197	

## REPUBLIC OF MAURITIUS

## Estimated resident population by sex, 31 December 2018

Island	Both Sexes	Male	Female	Density per Km
Island of Mauritius	<b>1,222,208</b>	604,923	617,285	654
Island of Rodrigues	<b>43,155</b>	21,164	21,991	392
Agalega & St.Brandon	<b>274</b>	174	100	10
<b>Republic of Mauritius</b>	<b>1,265,637</b>	<b>626,261</b>	<b>639,376</b>	<b>631</b>
		<b>49.5%</b>	<b>50.5%</b>	

Estimated resident population<sup>1/</sup> by broad age group and sex

Age group (Years)	1st July 2018		
	Male	Female	B. Sexes
<1	6,650	6,350	<b>13,000</b>
1 - 4	26,558	25,489	<b>52,047</b>
5 - 9	37,121	36,266	<b>73,387</b>
10 - 14	45,202	43,539	<b>88,741</b>
15 - 19	49,644	48,006	<b>97,650</b>
20 - 29	97,777	95,721	<b>193,498</b>
30 - 39	92,313	90,115	<b>182,428</b>
40 - 49	87,183	84,998	<b>172,181</b>
50 - 59	89,075	91,281	<b>180,356</b>
60-64	34,776	37,598	<b>72,374</b>
65+	59,731	79,910	<b>139,641</b>
<b>All ages</b>	<b>626,030</b>	<b>639,273</b>	<b>1,265,303</b>

1a based on 2011 population census data adjusted for underenumeration of young children

1b excluding Agalega and St Brandon

## ISLAND OF MAURITIUS

## POPULATION AND VITAL STATISTICS 2001-2018

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

### Live births registered and crude birth rate, Republic of Mauritius

Island	Number of live births registered		Crude birth rate	
	2017	2018	2017	2018
Island of Mauritius	12,671	12,202	10.4	10.0
Island of Rodrigues	808	763	19.0	17.7
Republic of Mauritius	13,479	12,965	10.7	10.2

The number of live births were 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 2018, a total of 12,965 live births were registered compared to 13,479 in 2017, showing a decrease in CBR from 10.7 to 10.2.

### Deaths and crude death rate, Republic of Mauritius

Island	Number of deaths registered		Crude death rate	
	2017	2018	2017	2018
Island of Mauritius	9,914	10,521	8.1	8.6
Island of Rodrigues	226	266	5.3	6.2
Republic of Mauritius	10,140	10,787	8.0	8.5

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 7.7 in 2015 when 9,747 deaths were registered.

In 2018, a total of 10,787 deaths were registered compared to 10,140 in 2017 with a significant increase in CDR from 8.0 in 2017 to 8.5 in 2018.

Population Growth rate between 2017 and 2018 =0.03%

% Population aged less than 15 years = 18.0%

% Population aged 60 years and over = 16.8%

% Population aged 65 years and over =11.0%

ISLAND OF MAURITIUS  
**STILLBIRTHS, PERINATAL, NEONATAL AND INFANT DEATHS 1994- 2018**

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
<b>2018</b>	<b>123</b>	<b>10.0</b>	<b>83</b>	<b>6.8</b>	<b>206</b>	<b>16.7</b>	<b>45</b>	<b>3.7</b>	<b>128</b>	<b>10.5</b>	<b>40</b>	<b>3.3</b>	<b>168</b>	<b>13.8</b>

@ 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) - 2018

DISTRICT	Estimated Mid-year Population	Area (Square Kilometres)	Civil Marriages <sup>↑</sup>	Live Births	Deaths	Natural Increase	Still-births	Infant Deaths	Estimated End-of-Year Population
PORT LOUIS	118,815	40.4	910	1,698	1,356	342	25	30	118,604
PAMPLEMOUSSES	141,261	179.6	1,479	1,493	1,101	392	19	22	141,442
RIV. DU REMPART	108,034	154.3	1,155	1,006	886	120	9	20	107,993
FLACQ	138,701	298.8	1,051	1,074	942	132	11	13	138,700
GRAND PORT	112,853	261.3	792	1,098	1,020	78	9	15	112,808
SAVANNE	68,391	246.2	619	655	591	64	3	6	68,338
PLAINES WILHEMS	367,576	196.2	2,394	3,581	3,500	81	30	43	367,269
MOKA	83,676	234.4	506	670	626	44	7	11	83,659
BLACK RIVER	82,961	257.2	928	927	499	428	10	8	83,395
RODRIGUES	43,035	110.1	200	763	266	497	7	13	43,155
TOTAL	1,265,303	1978.5	10,034	12,965	10,787	2,178	130	181	1,265,363

\* By district of residence of bridegroom

RESIDENT POPULATION AND VITAL STATISTICS BY DISTRICT (RATES) - 2018

DISTRICT	Density per Square Kilometres (End of year Population)	Rate per 1000 of the Mid-year Population				Stillbirth Rate <sup>@</sup>	Infant Mortality Rate <sup>+</sup>
		Marriage Rate	Crude Birth Rate	Crude death rate	Rate of natural increase		
PORT LOUIS	2,936	15.3	14.3	11.4	2.9	14.5	17.7
PAMPLEMOUSSES	788	20.9	10.6	7.8	2.8	12.6	14.7
RIV. DU REMPART	700	21.4	9.3	8.2	1.1	8.9	19.9
FLACQ	464	15.2	7.7	6.8	1.0	10.1	12.1
GRAND PORT	432	14.0	9.7	9.0	0.7	8.1	13.7
SAVANNE	278	18.1	9.6	8.6	0.9	4.6	9.2
PLAINES WILHEMS	1,872	13.0	9.7	9.5	0.2	8.3	12.0
MOKA	357	12.1	8.0	7.5	0.5	10.3	16.4
BLACK RIVER	324	22.4	11.2	6.0	5.2	10.7	8.6
RODRIGUES	392	9.3	17.7	6.2	11.5	9.1	17.0
REPUBLIC	640	15.9	10.2	8.5	1.7	9.9	14.0

@ 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
Male	69.7	69.8	70.1	70.4	70.7	71	71.1	71.2	71.3	71.3
Female	76.9	77.0	77.4	77.5	77.7	77.6	77.8	77.8	77.9	77.7
Both Sexes	73.2	73.3	73.7	73.9	74.1	74.2	74.4	74.4	74.6	74.5

\* Calculation based on 3 year period

@ based on census data

**ISLAND OF MAURITIUS**  
**ESTIMATED MID-YEAR RESIDENT POPULATION OF TOWNS - 2018**

MUNICIPAL COUNCIL AREA <sup>@</sup>	POPULATION
Port Louis	147,448
Beau Bassin-Rose Hill	104,086
Vacoas-Phoenix	106,022
Curepipe	78,692
Quatre Bornes	77,308
<b>URBAN POPULATION</b>	<b>513,556</b> 42.0%
<b>RURAL POPULATION</b>	<b>708,712</b> 58.0%
<b>TOTAL POPULATION</b>	<b>1,222,268</b>

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

**FERTILITY RATES 2013-2018**

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

Note : For definitions, see glossary

**LIFE EXPECTANCY AT BIRTH (YEARS) \***

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

\* Calculation based on a 3 year period

ISLAND OF MAURITIUS  
ESTIMATED MID-YEAR RESIDENT POPULATION BY AGE AND SEX - 2018

AGE-GROUP (YEARS)	MALE		FEMALE		BOTH SEXES	
	Number	%	Number	%	Number	%
UNDER 1	6,257	1.0	5,946	1.0	12,203	1.0
1 - 4	25,132	4.2	24,073	3.9	49,205	4.0
5 - 9	35,318	5.8	34,538	5.6	69,856	5.7
10 - 14	43,110	7.1	41,437	6.7	84,547	6.9
15 - 19	47,587	7.9	45,988	7.4	93,575	7.7
20 - 24	47,199	7.8	46,344	7.5	93,543	7.7
25 - 29	47,507	7.9	46,160	7.5	93,667	7.7
30 - 34	41,062	6.8	40,189	6.5	81,251	6.6
35 - 39	48,343	8.0	46,783	7.6	95,126	7.8
40 - 44	44,664	7.4	43,417	7.0	88,081	7.2
45 - 49	39,859	6.6	38,781	6.3	78,640	6.4
50 - 54	45,586	7.5	45,922	7.4	91,508	7.5
55 - 59	41,298	6.8	43,127	7.0	84,425	6.9
60 - 64	33,868	5.6	36,727	5.9	70,595	5.8
65 - 69	26,681	4.4	30,880	5.0	57,561	4.7
70 - 74	15,156	2.5	19,771	3.2	34,927	2.9
75 - 79	8,128	1.3	11,900	1.9	20,028	1.6
80 - 84	5,089	0.8	8,461	1.4	13,550	1.1
85 & OVER	3,071	0.5	6,909	1.1	9,980	0.8
<b>ALL AGES</b>	<b>604,915</b>	<b>100.0</b>	<b>617,353</b>	<b>100.0</b>	<b>1,222,268</b>	<b>100.0</b>
UNDER 5	31,389	5.2	30,019	4.9	61,408	5.0
5 - 11	51,448	8.5	50,098	8.1	101,546	8.3
12 - 19	74,567	12.3	71,865	11.6	146,432	12.0
16 - 18	28,720	4.7	27,686	4.5	56,406	4.6
UNDER 15	109,817	18.2	105,994	17.2	215,811	17.7
UNDER 18	138,336	22.9	133,764	21.7	272,100	22.3
UNDER 21	166,902	27.6	161,145	26.1	328,047	26.8
15 - 49	316,221	52.3	307,662	49.8	623,883	51.0
15 - 59	403,105	66.6	396,711	64.3	799,816	65.4
15 - 64	436,973	72.2	433,438	70.2	870,411	71.2
12 & OVER	522,078	86.3	537,236	87.0	1,059,314	86.7
15 & OVER	495,098	81.8	511,359	82.8	1,006,457	82.3
16 & OVER	485,681	80.3	502,062	81.3	987,743	80.8
18 & OVER	466,579	77.1	483,589	78.3	950,168	77.7
21 & OVER	438,013	72.4	456,208	73.9	894,221	73.2
60 & OVER	91,993	15.2	114,648	18.6	206,641	16.9
65 & OVER	58,125	9.6	77,921	12.6	136,046	11.1
MEAN AGE	36.58		38.30		37.45	
MEDIAN AGE	35.96		37.57		36.75	
DEPENDENCY RATIO*	384.33		424.32		404.24	

\*  $[(\text{Population under 15} + \text{population 65 \& over}) / \text{Population 15 - 64}] \times 1000$



**MAIN HEALTH INSTITUTIONS AS AT END OF 2018**

PUBLIC SECTOR	Island of Mauritius	Island of Rodrigues
Regional (Principal) General Hospital	5	-
District General Hospital <sup>Ø</sup>	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 <sup>@@</sup>	2	-
Community Hospital <sup>***</sup>	2	-
Mediclinic <sup>+</sup>	5	-
Area Health Centre <sup>+++</sup>	18	3 <sup>****</sup>
Community Health Centre	116	14
Maternal and Child Health Clinic	145	14
Vaccination Clinic (babies)	158	15
Family Planning Clinic <sup>##</sup>	149	17
Health Office	13	1
Dental Static Clinic (including oral surgery and orthodontics)	56	3
Dental Mobile Clinic	3	-
Ayurvedic Clinic	6	-
Dialysis Clinic <sup>**</sup>	6	1
Day Care Centre for the Immuno-suppressed	8	1
Methadone Substitution Therapy Centre	3	-
Detoxication and Rehabilitation Centre for Youngsters <sup>@</sup>	2	-
Chest Clinic	1	-
<b>PRIVATE SECTOR</b>		
Private Clinic/Hospital (with in-patient service)	19	-
Pharmaceutical retail outlet	350	2
Dialysis Clinic (including those in private clinics)	7	-
Sugar Estate Dispensary	11	-

Ø Souillac, Mahebourg and Q.Elizabeth Hospital

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

\*\*\* Y. Cantin and Long Mountain

## excluding 16 supply centres

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

\*\* in Regional Hospital

+++ outside hospital compound

@ at Mahebourg Hospital and for adolescents at Long Mountain Hospital

@@ at Pamplémousses and Candos

**Bed Situation as at end of 2018**

INSTITUTION	Island of Mauritius	Island of Rodrigues	Republic of Mauritius
Government Hospitals	3,691	173	3,864
Private Clinics	724*	0	724
<b>TOTAL</b>	<b>4,415</b>	<b>173</b>	<b>4,588</b>

\* Number of clinics increased from 17 to 19

REPUBLIC OF MAURITIUS  
SELECTED HEALTH MANPOWER STATISTICS AS AT END OF YEAR 2011- 2018

YEAR	2011		2012		2013		2014		2015		2016		2017		2018	
	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
<b>DOCTOR</b>																
Employed by Mins. of Health®	970	7.7	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
- of which specialists	(284)		(284)		(290)		(300)		(301)		(314)		(326)		(341)	
In private practice	591		722		992		1,352		1,439		1,614		1,413		1,685	
<b>TOTAL</b>	<b>1,561</b>	<b>12.4</b>	<b>1,722</b>	<b>13.7</b>	<b>2,046</b>	<b>16.2</b>	<b>2,429</b>	<b>19.3</b>	<b>2,550</b>	<b>20.2</b>	<b>2,769</b>	<b>21.9</b>	<b>2,927</b>	<b>23.1</b>	<b>3,210</b>	<b>25.4</b>
Of which specialist*	(642)		(676)		(718)		(734)		(788)		(813)		(858)		(895)	
<b>DENTIST</b>																
Employed by Mins. of Health	66	0.5	59	0.5	58	0.5	58	0.5	58	0.5	69	0.5	68	0.5	66	0.5
In private practice	202		242		293		308		322		316		333		345	
<b>TOTAL</b>	<b>268</b>	<b>2.1</b>	<b>301</b>	<b>2.4</b>	<b>351</b>	<b>2.8</b>	<b>366</b>	<b>2.9</b>	<b>380</b>	<b>3.0</b>	<b>385</b>	<b>3.0</b>	<b>401</b>	<b>3.2</b>	<b>411</b>	<b>3.2</b>
<b>PHARMACIST</b>																
Employed by Mins. of Health	23	0.2	23	0.2	23	0.2	27	0.2	27	0.2	27	0.2	37	0.3	38	0.3
In private practice	385		409		437		467		470		487		494		498	
<b>TOTAL</b>	<b>408</b>	<b>3.3</b>	<b>432</b>	<b>3.4</b>	<b>460</b>	<b>3.7</b>	<b>494</b>	<b>3.9</b>	<b>497</b>	<b>3.9</b>	<b>514</b>	<b>4.1</b>	<b>531</b>	<b>4.2</b>	<b>536</b>	<b>4.2</b>
<b>QUALIFIED NURSE &amp; MIDWIFE</b>																
Employed by Mins. of Health	3,089	24.6	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
In Private practice	581		686		761		794		669		448		429		493	
<b>TOTAL</b>	<b>3,670</b>	<b>29.3</b>	<b>3,737</b>	<b>29.7</b>	<b>3,963</b>	<b>31.5</b>	<b>4,125</b>	<b>32.7</b>	<b>4,130</b>	<b>32.7</b>	<b>4,134</b>	<b>32.7</b>	<b>4,220</b> #	<b>33.4</b>	<b>4,400</b>	<b>34.8</b>

® excluding doctors (included in figure in private practice) working under the " Bank of Doctors" scheme and Pre-Registration House Officers (302) # revised

\* including those employed by the Ministry of Health & QL

Source: Establishment Division/Medical Council/Pharmacy Council/Nursing Council/Commission for Health with adjustments for under/over reporting

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

**Selected Health Personnel in post at the Ministry of Health & Q L &  
government health institutions as at end of 2018**

<b>Cadre / Grade<sup>#</sup></b>	<b>Number</b>	<b>Cadre / Grade<sup>#</sup></b>	<b>Number</b>
Administrative Cadre	17	Community Health Development Motivator	5
Human Resource Cadre	59	Community Health Care Officer	112
Office Management Cadre	62	Sanitary Engineer	4
Management Support Officer incl Office Supervisor	271	Health Engineering Officer	17
Confidential Secretary	36	Health Statistician	4
Word Processing Cadre	38	Statistical Officer	8
Office Auxiliary	63	Demographer	2
Finance Cadre	54	Health Analyst	3
Procurement & Supply Cadre	132	Hospital Administration Cadre	16
Internal Control Cadre	9	Blood Bank Cadre	19
Health Records Cadre	413	Pathological Laboratory Assistant	15
Health Information, Education and Communication Cadre	9	Community Health Rehabilitation Officer	51
Medical Specialist	341	Medical Social Worker	11
Medical Officer (Non specialist)*	1,184	Welfare Assistant	11
Dentist (including specialist)*	66	Clinical Scientist (Biochemistry or Virology)	9
Pharmacist*	38	Scientific Officer Vector Biology and Control Division	3
Ayurvedic Medical Officer	7	Vector Biology & Control Laboratory Technician (Entomology)	3
Nutritionist	17	Bio-Medical Engineering Technician	15
Occupational Therapy Cadre	26	Government Analyst	7
Speech Therapists & Audiologist	4	Technical Officer (Chemical Laboratory)	19
Speech and Hearing Therapy Assistant	6	Medical Laboratory Technologist	235
Clinical Psychologist	9	Pharmacy Technician ( inc. Stores Manager)	207
Hospital Physicist	11	Public Health & Food Safety Inspector	162
Dental Assistant	61	Health Surveillance Officer	137
EEG Technician	2	Insecticide Sprayer Operator	100
ECG Technician	38	Rodent Control Cadre	15
Physiotherapist	28	Catering Cadre	20
Physiotherapy Assistant	36	Orthopaedic Technician (incl Assistant)	12
Medical Imaging Technologist	119	Surgical Technologist	7
Medical Imaging Assistant	40	Permanencier	19
Radiation Therapist	10	Ambulance Driver	116
Nuclear Medicine Technologist	4	Ambulance Care Attendant	146
Nurse / Midwife Educator	7	Ward Assistant	150
Nursing Cadre (incl Psychiatry)*	3,534	Cook	87
Midwife*	215	Attendant (Hospital Services)	1,813
Public Health Nursing officer*	60	Linen Officer	65
Specialised Nurse (including Diabetes)	98	Laundry Attendant	62
Health Care Assistant (General)	1,121	Mortuary Attendant	13

Source: Establishment Division of the Ministry of Health & Quality of life \*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 & QL, including hospitals and health centres etc.

NB: exclude "Bank of Doctors/Nurses" but include those on contract.

REPUBLIC OF MAURITIUS  
**MATERNAL AND CHILD HEALTH ACTIVITIES IN PUBLIC SECTOR - 2018**  
(excluding activities carried out at Regional Hospitals)

ACTIVITY		
<b>DOMICILIARY VISITS BY MIDWIFE/NURSE</b>		
	ANTENATAL	1,265
	POSTNATAL	3,531
<b>TOTAL DOMICILIARY VISITS</b>		<b>4,796</b>
<b>CASES REFERRED TO HEALTH CENTRES &amp; HOSPITALS</b>		
	BY DOCTOR FOR SPECIALISED TREATMENT	10,201
	BY MIDWIFE/NURSE AFTER ANTENATAL VISIT	0
	BY MIDWIFE/NURSE AFTER POSTNATAL VISIT	0
<b>TOTAL CASES REFERRED</b>		<b>10,201</b>
<b>EXAMINATIONS CARRIED OUT AT CLINIC</b>		
<b>ANTENATAL EXAMINATIONS BY MIDWIFE/NURSE</b>		
	First attendances	9,788
	Subsequent attendances	41,216
<b>ANTENATAL EXAMINATIONS BY DOCTOR*</b>		
	First attendances	10,827
	Subsequent attendances	38,334
<b>POSTNATAL EXAMINATIONS BY DOCTOR</b>		
	First attendances	4,819
	Subsequent attendances	1,993
<b>CHILDREN SEEN FOR GROWTH MONITORING</b>		
	Number of attendances	146,444
<b>EXAM. OF CHILDREN UNDER 5 YEARS BY DOCTOR</b>		
	First attendances	6,535
	Subsequent attendances	14,764
<b>TOTAL ATTENDANCES AT CLINIC</b>		<b>274,720</b>

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

**STATISTICS RELATING TO THE EXPANDED PROGRAMME ON IMMUNIZATION BY MAIN VACCINATIONS PERFORMED IN 2018**

IMMUNIZATIONS PERFORMED		
<b>BABIES</b>		
	B.C.G.	10,988
	M.M.R.:	
	1 <sup>st</sup> dose	11,936
	2 <sup>nd</sup> dose	6,303
	HEXAVALENT <sup>§</sup> (D.P.T. & H.I.B, HEP. B & IPV)/O.P.V:	
	1 <sup>st</sup> dose	11,023
	2 <sup>nd</sup> dose	11,180
	3 <sup>rd</sup> dose	11,026
	Booster dose	6,431
	HEPATITIS B:	
	3 <sup>rd</sup> dose	4,757
	ROTAVIRUS:	
	1 <sup>st</sup> dose	10,902
	2 <sup>nd</sup> dose	10,427
	PNEUMOCOCCAL*:	
	1 <sup>st</sup> dose	11,000
	2 <sup>nd</sup> dose	10,996
	3 <sup>rd</sup> dose	10,155
<b>PREGNANT WOMEN</b> (including Regional Hospitals)		
	TETANUS TOXOID:	
	1 <sup>st</sup> dose	8,343
	2 <sup>nd</sup> dose	6,983
	Booster dose (1 year after 2nd dose)	1,319
<b>ATTENDANCES FOR IMMUNIZATION OF PREGNANT WOMEN</b>		<b>16,645</b>
<b>SCHOOL CHILDREN</b>		
	PRIMARY:	
	MMR (std I)	11,418
	DT & OPV (std I)	11,295
	TETANUS TOXOID (STD VI)	13,809
	HPV <sup>#</sup> (std V): 1 <sup>st</sup> dose	6,546
	2 <sup>nd</sup> dose	6,134
	SECONDARY:	
	HPV 1 <sup>st</sup> dose	6,432
	2 <sup>nd</sup> dose	5,284
<b>IMMUNIZATION OF SCHOOL CHILDREN</b>		<b>60918</b>

# HPV started in Mauritius in August 2016 and Rodrigues in September 2016  
<sup>§</sup> introduced in January 2018

\* Pneumococcal vaccine started in March 2016

**STATISTICS RELATING TO MATERNAL AND CHILD HEALTH ACTIVITIES  
AT GOVERNMENT CLINICS BY DISTRICT – 2018**

(excluding activities carried out at Regional Hospitals)

DISTRICT	PORT LOUIS	PAMPLEMOUSES	RIVIERE DU REMPART	FLACQ	GRAND PORT	SAVANNE	PLAINES WILHEMS	MOKA	BLACK RIVER	<b>ISLAND OF MAURITIUS</b>
<u>DOMICILIARY VISITS BY MIDWIFE/NURSE</u>										
ANTENATAL	201	253	122	105	167	121	171	37	88	1,265
POSTNATAL	596	727	658	381	82	104	391	254	338	3,531
TOTAL DOMICILIARY VISITS	797	980	780	486	249	225	562	291	426	4,796
<u>CASES REFERRED TO HEALTH CENTRES &amp; HOSPITALS</u>										
BY DOCTOR FOR TREATMENT	978	921	814	961	891	680	3,082	470	757	9,554
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	1,148	965	859	1,088	911	563	2,083	576	756	8,949
Subsequent attendances	4,930	5,246	4,270	3,445	2,811	2,214	5,746	2,647	3,817	35,126
ANTENATAL EXAM. BY DOCTOR *										
First attendances	1,068	966	1,098	1,085	1,458	552	2,311	578	882	9,998
Subsequent attendances	5,140	4,423	3,732	3,371	2,433	1,912	6,598	2,650	2,086	32,345
POSTNATAL EXAM. BY DOCTOR										
First attendances	421	790	665	896	88	180	427	353	319	4,139
Subsequent attendances	157	50	430	482	37	110	-	24	11	1,301
CHILDREN SEEN FOR GROWTH MONITORING										
Total number of attendances	15,351	18,595	11,824	31,196	8,899	5,028	33,982	7,084	10,008	141,967
EXAM. OF CHILDREN UNDER 5 YRS BY DOCTOR										
First attendances	580	826	588	919	766	537	1,480	412	427	6,535
Subsequent attendances	1,685	2,583	2,017	2,571	913	542	2,468	1,004	981	14,764
Total exam of children under 5 yrs by doctor	2,265	3,409	2,605	3,490	1,679	1,079	3,948	1,416	1,408	21,299
TOTAL ATTENDANCES AT CLINIC	30,480	34,444	25,483	45,053	18,316	11,638	55,095	15,328	19,287	255,124

\* 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 - 2018  
(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	%
<b>REGISTRATION OF GESTATIONAL AGE AT FIRST ATTENDANCE FOR ANTENATAL TREATMENT</b>												
	3 months or less	363	339	259	285	280	123	859	254	191	2,953	33.0
	Between 3 and 6 months	682	577	526	724	539	385	1,037	284	458	5,212	58.2
	6 months and over	103	49	74	79	92	55	190	38	107	787	8.8
<b>TOTAL FIRST ATTENDANCES</b>		<b>1,148</b>	<b>965</b>	<b>859</b>	<b>1,088</b>	<b>911</b>	<b>563</b>	<b>2,086</b>	<b>576</b>	<b>756</b>	<b>8,952</b>	<b>100.0</b>
<b>FIRST DETERMINATION OF HAEMOGLOBIN LEVEL (mg/dl) OF ANTENATAL CASES</b>												
	below 9.0	37	46	41	28	32	20	39	11	15	269	3.5
	9.0 to 9.9	102	109	112	89	61	29	91	31	41	665	8.6
	10.0 to 10.9	263	270	215	227	206	91	401	162	137	1,972	25.5
	11.0 to 11.9	310	278	253	312	298	149	695	194	207	2,696	34.9
	12.0 or above	246	186	216	208	196	136	646	117	172	2,123	27.5
<b>TOTAL FIRST DETERMINATIONS</b>		<b>958</b>	<b>889</b>	<b>837</b>	<b>864</b>	<b>793</b>	<b>425</b>	<b>1,872</b>	<b>515</b>	<b>572</b>	<b>7,725</b>	<b>100.0</b>

STATISTICS RELATING TO THE EXPANDED PROGRAMME ON IMMUNISATIONS BY  
MAIN VACCINATIONS PERFORMED BY DISTRICT - 2018

IMMUNIZATIONS PERFORMED	DISTRICT	PORT LOUIS	PAMPLE-MOUSSES	RIV. DU REMPART	FLACQ	GRAND PORT	SA-VANNE	PLAINES WILHEMS	MOKA	BLACK RIVER	TOTAL
<b>CHILDREN:</b>											
	B.C.G.	1,273	1,208	942	1,153	1,000	600	2,638	604	892	10,310
	M.M.R. :										
	1 <sup>st</sup> dose	1,420	1,400	970	1,170	1,070	642	2,967	654	915	11,208
	2 <sup>nd</sup> dose	609	770	614	637	445	314	1,637	431	417	5,874
	HEXAVALENT*/OPV										
	1 <sup>st</sup> dose	1,245	1,211	946	1,177	980	604	2,674	615	883	10,335
	2 <sup>nd</sup> dose	1,229	1,267	1,011	1,187	977	591	2,684	625	914	10,485
	3 <sup>rd</sup> dose	1,221	1,302	980	1,171	972	596	2,597	650	866	10,355
	Booster dose	723	796	616	808	516	334	1,362	391	413	5,959
	HEPATITIS B: 3 <sup>rd</sup> dose	455	504	384	566	450	260	998	310	317	4,244
	ROTAVIRUS: 1 <sup>st</sup> dose	1,252	1,210	943	1,172	973	614	2,608	620	838	10,230
	2 <sup>nd</sup> dose	1,097	1,215	994	1,123	942	577	2,440	576	779	9,743
	Pneumococcal: 1 <sup>st</sup> dose	1,268	1,215	949	1,170	999	624	2,580	645	876	10,326
	2 <sup>nd</sup> dose	1,218	1,261	992	1,178	982	595	2,557	658	897	10,338
	3 <sup>rd</sup> dose	1,155	1,088	891	1,130	859	524	2,186	721	900	9,454
<b>PREGNANT WOMEN:</b>											
	TETANUS TOXOID <sup>#</sup> :										
	1 <sup>st</sup> dose	1,033	968	839	949	881	511	1,572	468	581	7,802
	2 <sup>nd</sup> dose	887	785	664	740	752	507	1,179	475	555	6,544
	Booster dose (1 year after 2 <sup>nd</sup> dose)	242	179	154	99	84	53	234	117	112	1,274
<b>TOTAL ATTENDANCES FOR IMMUNIZATIONS OF PREGNANT WOMEN</b>		<b>2,162</b>	<b>1,932</b>	<b>1,657</b>	<b>1,788</b>	<b>1,717</b>	<b>1,071</b>	<b>2,985</b>	<b>1,060</b>	<b>1,248</b>	<b>15,620</b>

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

# including immunisations carried out at hospitals

**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
2005	23.0	65.9	11.1
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

**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)
2005	13.5	24.9	61.6
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	25.0	63.7
2016	11.7	23.7	64.6
2017	12.2	25.0	62.8
2018	12.1	25.5	62.4

## ISLAND OF MAURITIUS

**IMMUNISATIONS REPORTED BY GOVT SERVICES AND PRIVATE INTERNATIONAL VACCINATION CENTRES  
2014 – 2018**

DISEASE IMMUNIZED AGAINST		YEAR:	2014	2015	2016	2017	2018
TUBERCULOSIS (B.C.G.)			10,851	10,143	10,531	10,781	10,310
DIPHTHERIA, PERTUSSIS, TETANUS, POLIOMYELITIS & HEPATITIS B (D.P.T, H.I.B, HEP.B & O.P.V/IPV )	1st dose		10,808	9,988	10,385	10,661	10,335
	2nd dose		10,849	10,178	9,097	10,552	10,485
	3rd dose (excluding Hep B)		10,771	10,289	10,323	10,372	10,355
	3rd dose (Hep B only)		-	-	8,215	10,675	4,244
	Booster Dose (excluding HEP. B)		9,915	9,572	8,867	8,867	3,321
ROTAVIRUS	1st dose		-	7,674	10,374	10,639	10,230
	2nd dose		-	6,702	9,852	10,153	9,743
PNEUMOCOCCAL	1st dose		-	-	8,636	10,889	10,326
	2nd dose		-	-	6,495	10,424	10,338
	3rd dose		-	-	935	9,539	9,454
(DIPHTHERIA TETANUS, POLIOMYELITIS & HEP B )	1st dose		94	106	72	65	44
	2nd dose		135	118	103	72	43
	3rd dose		211	151	101	91	77
	Booster dose (exclude HEP. B)		13,916	12,950	11,980	12,079	12,087
YELLOW FEVER			1,945	1,802	2,008	2,173	2,783
INFLUENZA <sup>@</sup>			110,269	102,144	100,921	218,000	127,916
TETANUS <sup>\$</sup>			209,325	213,125	209,371	209,289	214,340
TYPHOID FEVER			1,252	761	1,040	1,085	1,525
INFECTIOUS HEPATITIS "A"			8,323	11,796	10,328	11,875	14,268
INFECTIOUS HEPATITIS "B"	1st dose		904	705	958	666	1,237
	2nd dose		522	613	748	547	1,009
	3rd dose		356	610	567	600	808
	4th & higher dose		529	799	853	514	583
	Booster dose		152	152	158	297	243
	Unspecified dose		85	103	95	168	91
MENINGITIS			3,057	4,140	5,214	7,054	6,605
MEASLES/ MUMPS/ RUBELLA (MMR)			23,719	22,572	20,677	21,245	30,545
HUMAN PAPILLOMA VIRUS (HPV)	1st dose		-	-	5,979	13,094	12,978
	2nd dose		-	-	-	11,710	11,418

@ 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 – 2018

DISTRICT	Surviving Infants <sup>#</sup>	BABIES												PREGNANT WOMEN	
		BCG		MMR		HEXAVALENT*		ROTA VIRUS		PNEUMOCOCCAL		POLIO		TETANUS TOXOID	
		Number	Coverage <sup>@</sup> Rate	Number (1st dose)	Coverage <sup>@</sup> Rate <sup>\$\$</sup>	Number (3rd dose)	Coverage <sup>@</sup> Rate	Number (2nd dose)	Coverage <sup>@</sup> Rate	Number (3rd dose)	Coverage <sup>@</sup> Rate	Number (3rd dose)	Coverage <sup>@</sup> Rate	Number (2nd & higher dose)	Coverage <sup>&amp;</sup> Rate
<b>PORT LOUIS</b>	1,629	1,273	78.1	1,420	87.2	1,221	75.0	1117	68.6	1155	70.9	1230	75.5	1,129	73.9
<b>PAMPLEMOUSSES</b>	1,471	1,208	82.1	1,400	95.2	1,302	88.5	1215	82.6	1088	74.0	1313	89.3	964	64.2
<b>RIVIERE DU REMPART</b>	986	942	95.5	970	98.4	980	99.4	974	98.8	891	90.4	986	100.0	817	64.9
<b>FLACQ</b>	1,200	1,153	96.1	1,170	97.5	1,171	97.6	1123	93.6	1130	94.2	1171	97.6	839	55.4
<b>GRAND PORT</b>	1,083	1,000	92.3	1,070	98.8	972	89.8	942	87.0	859	79.3	976	90.1	835	69.5
<b>SAVANNE</b>	649	600	92.4	642	98.9	596	91.8	577	88.9	524	80.7	599	92.3	561	79.8
<b>PLAINES WILHEMS</b>	3,438	2,638	76.7	2,967	86.3	2,597	75.5	2440	71.0	2256	65.6	2619	76.2	1,414	40.3
<b>MOKA</b>	659	604	91.7	654	99.2	650	98.6	576	87.4	651	98.8	655	99.4	592	68.8
<b>BLACK RIVER</b>	919	892	97.1	915	99.6	866	94.2	779	84.8	900	97.9	883	96.1	667	61.9
<b>ISLAND OF MAURITIUS</b>	<b>12,034</b>	<b>10,310</b>	<b>85.7</b>	<b>11,208</b>	<b>93.1</b>	<b>10,355</b>	<b>86.0</b>	<b>9743</b>	<b>81.0</b>	<b>9454</b>	<b>78.6</b>	<b>10432</b>	<b>86.7</b>	<b>7,818</b>	<b>59.4</b>
<b>RODRIGUES</b>	<b>750</b>	<b>678</b>	<b>90.4</b>	<b>728</b>	<b>97.1</b>	<b>671</b>	<b>89.5</b>	<b>684</b>	<b>91.2</b>	<b>701</b>	<b>93.5</b>	<b>671</b>	<b>89.5</b>	<b>484</b>	<b>57.7</b>
<b>REPUBLIC OF MAURITIUS</b>	<b>12,784</b>	<b>10,988</b>	<b>86.0</b>	<b>11,936</b>	<b>93.4</b>	<b>11,026</b>	<b>86.2</b>	<b>10,427</b>	<b>81.6</b>	<b>10,155</b>	<b>79.4</b>	<b>11,103</b>	<b>86.9</b>	<b>8,302</b>	<b>59.3</b>

# : live births less infant deaths registered in 2018

@ 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 – 2018**

Coverage Rate for DPT (3rd dose)	Less than 80%	80% to 89%	90% and above
Number of districts	2	3	5

REPUBLIC OF MAURITIUS  
**EXPANDED PROGRAMME ON IMMUNIZATION AT GOVERNMENT CLINICS**  
**IMMUNISATION\*\* COVERAGE RATES**  
**2001 - 2018**

VACCINE  YEAR	BABIES ( 0-1 year )												PREGNANT WOMEN		
	BCG			DPT (3rd dose)			POLIO (3rd dose)			MMR (1st dose)			TETANUS TOXOID (2 <sup>nd</sup> & 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
2001	88.0	100.0	88.3	92.0	99.9	92.7	92.2	99.9	92.6	89.2	100.0	89.9	73.8	81.0	74.2
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	93.0	82.2	89.0	82.5
2010	88.4	100.0	89.0	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	88.0	95.7	88.4	86.1	90.7	86.3	86.8	90.7	87.0	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	66.0
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	86.0	89.5	86.2	86.7	89.5	86.9	93.1	97.1	93.4	59.4	57.7	59.3

\*\* See Glossary for full name of vaccines

Note: The high coverage rates in 2018 may be explained by the increase in MMR vaccination following the measles outbreak.

**DISTRIBUTION OF IMMUNIZATIONS REPORTED IN 2018  
BY SECTION OF POPULATION COVERED**

DISEASE IMMUNIZED AGAINST	POPULATION COVERED		NUMBER OF IMMUNIZATIONS			
			Govt Services	Private International Vaccination Centres <sup>#</sup>	TOTAL	
TUBERCULOSIS (B.C.G)	Babies attending M.C.H. Clinics		10,310	-	10,310	
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	10,335	-	10,335	
		2nd dose	10,485	-	10,485	
		3 <sup>rd</sup> dose (excluding Hep B)	10,355	-	10,355	
	M.C.H. Clinics	3rd dose (Hep B only)	4,244	-	4,244	
		Booster dose (Excluding HEP,B)	3,321	-	3,321	
ROTA VIRUS ( 4 valents)	Babies attending	1st dose	10,230	-	10,230	
	M.C.H Clinics	2nd dose	9,743	-	9,743	
PNEUMOCOCCAL (4 valents)	Babies attending MCH clinics	1st dose	10,326	-	10,326	
		2nd dose	10,338	-	10,338	
		3 <sup>rd</sup> dose	9,454	-	9,454	
DIPHtheria TETANUS, POLIOMYELITIS & HEPATITIS B (D.T, O.P.V & HEP B)	Babies attending	1st dose	44	-	44	
		2nd dose	73	-	73	
	M.C.H. Clinics	3rd dose	77	-	77	
		Babies attending M.C.H. Clinics	Booster dose (exclude Hep. B)	735	-	735
	Primary Schools New Entrants	Booster dose (exclude Hep. B)	11,321	-	11,321	
Persons travelling abroad		-	31	31		
YELLOW FEVER	Persons travelling abroad		2,571	212	2,783	
INFLUENZA (Trivalent inc AH1N1) ##	Old persons*		91,928	-	91,928	
	Children between 6 months to 2 years, health personnel, patients with chronic condition®, etc		35,988	-	35,988	
	Persons travelling abroad		-	858	858	
TETANUS	Pregnant women attending Antenatal Clinics	1st dose	7,802	-	7,802	
		2nd dose	6,544	-	6,544	
	Primary School Leavers	Booster dose		1,274	-	1,274
				13,720	-	13,720
	Injured persons attending Health Institutions		185,000	-	185,000	
TYPHOID FEVER	Persons travelling abroad		1,398	127	1,525	
INFECTIOUS HEPATITIS "A"	Persons travelling abroad		14,218	50	14,268	
INFECTIOUS HEPATITIS "B"	Mainly Dialysis Patients, Medical and Para-medical Staff, Policemen and Firemen	1st dose	1,237	-	1,237	
		2nd dose	1,009	-	1,009	
		3rd dose	808	-	808	
		4th & higher dose	583	-	583	
	Persons travelling abroad	Unspecified dose	-	91	91	
MENINGITIS	Persons travelling abroad		6,605	-	6,605	
MEASLES/MUMPS/RUBELLA (MMR)	Babies attending M.C.H. Clinics (1st & 2nd dose)		18,873	-	18,873	
	Primary Schools New Entrants		11,470	-	11,470	
	Persons travelling abroad		-	202	202	
HUMAN PAPILOMA VIRUS (HPV 2 valents)	Primary school children (std V)	1st dose	6,546	-	6,546	
		2nd dose	6,134	-	6,134	
	Secondary school children	1st dose	6,432	-	6,432	
		2nd dose	5,284	-	5,284	

\* aged 60 years &amp; over include by Ministry of Social Security include AH1N1 vaccine

® persons aged less than 60 years ( by Ministry of Health)

# City Clinic and Darne Clinic

## including Rodrigues

## SUMMARY OF WORK PERFORMED IN HOSPITALS - 2018

HOSPITAL	NUMBER OF ADMISSIONS	Average length of stay (day)	Number of Deaths	Daily available beds	Percentage occupancy	NUMBER OF OPERATIONS <sup>\$</sup> PERFORMED		CASES SEEN BY DOCTOR				
						IN-PATIENTS	OUT-PATIENTS	Accident & Emergency Department	Sorted OPD	Unsorted OPD	TOTAL *	
DR. A.G. JEETOO (P.Louis)	39,072	4.4	1,161	618	82.3	8,250	-	240,274	166,020	133,637	539,931	
S.S.R.N. (Pamplemousses)	31,000	3.1	952	495	72.2	5,505	-	166,864	169,504	111,102	447,470	
FLACQ (Central Flacq)	26,638	3.5	664	381	76.7	5,313	-	123,424	113,264	123,131	359,819	
J. NEHRU (Rose Belle)	26,815	4.0	832	443	67.8	4,975	-	149,348	122,705	53,939	325,992	
VICTORIA & P.M.O.C.(Quatre Bornes)	41,590	5.4	1,714	752	81.9	8,825	-	205,557	277,000	140,588	623,145	
MAHEBOURG	3,727	2.2	3	443	41.5	-	-	50,839	17,939	33,484	102,262	
SOUILLAC	10,574	0.6	2	63	27.3	2,993	-	83,978	27,561	-	111,539	
<b>SUB-TOTAL (GENERAL)</b>	<b>179,416</b>	<b>3.9</b>	<b>5,328</b>	<b>3,145</b>	<b>71.1</b>	<b>35,861</b>	<b>-</b>	<b>1,020,284</b>	<b>893,993</b>	<b>595,881</b>	<b>2,510,158</b>	
BROWN SEQUARD (PSYCHIATRY) (Beau Bassin)	Long stay patients **	3,596	365.0	6	418	97.0	-	-	19,068	21,601	-	40,669
	Others		13.6	2	238	51.4						
POUDRE D'OR (CHEST)	702	18.2	27	68	52.6	-	-	-	11,464	-	11,464	
S. BHARATI (EYE) (Moka)	8,846	1.5	2	64	53.7	7,916	1,175	120,006	74,344	-	194,350	
E.N.T. CENTRE (Vacoas)	3,656	2.7	12	50	51.5	2,075	3,875	109,079	12,131	-	121,210	
CARDIAC CENTRE	Pamplemousses	2,481	3.6	50	60	40.6	424	-	-	15,844	-	15,844
	Candos	382	11.6	9	27	77.2	396	-				
<b>TOTAL (GENERAL + SPECIALISED)</b>	<b>199,079</b>		<b>5,436</b>	<b>4,070</b>		<b>46,672</b>	<b>5,050</b>	<b>1,268,437</b>	<b>1,029,377</b>	<b>595,881</b>	<b>2,893,695</b>	

# seen at Chest Clinic (Port Louis)

@ eye surgeries (as from 2015)

\* excluding 529,773 emergency cases seen mainly at specialised clinics

\*\* there were 392 long stay patients as at end of year 2018

NB: (a) L.Mountain and Y.Cantin Community Hospital do not have in-patient services

(b) a total of 5,585,575 cases have been seen by doctor in all public health institutions (3,525,772 at hospitals)

## CT-SCAN AND MRI PERFORMED ON GOVERNMENT HOSPITAL PATIENTS 2017 &amp; 2018

HOSPITAL	NUMBER OF EXAMINATIONS			
	2017		2018	
	CT - SCAN	MRI	CT - SCAN	MRI
Dr. A.G. JEETOO	4,955	1,812	5,926	1,202
SSSRN	5848	- @	6645	1190
FLACQ				
J. NEHRU	2,339		3,658	
VICTORIA	6,395	1,412	6,538	1,709
QUEEN ELIZABETH	757		1,083	
<b>SUB TOTAL</b>	<b>20,294</b>	<b>3,224</b>	<b>23,850</b>	<b>4,101</b>
PRIVATE	0	0	0	0
<b>TOTAL</b>	<b>20,294</b>	<b>3,224</b>	<b>23,850</b>	<b>4,101</b>

@ out of order in 2017

## ISLAND OF MAURITIUS

## NON-TRAUMATIC AMPUTATIONS PERFORMED IN GOVERNMENT HOSPITALS 2014-2018

CATEGORY	2014			2015			2016			2017			2018		
	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
New amputees	245	98	343	241	101	342	298	117	415	282	116	398	308	145	453
Re-amputation	175	56	231	168	53	221	221	52	273	223	57	280	255	72	327
<b>TOTAL (Amputations)</b>	<b>420</b>	<b>154</b>	<b>574</b>	<b>409</b>	<b>154</b>	<b>563</b>	<b>519</b>	<b>169</b>	<b>688</b>	<b>505</b>	<b>173</b>	<b>678</b>	<b>563</b>	<b>217</b>	<b>780</b>
Number of patients amputated	302	113	415	298	121	419	366	130	496	362	140	502	390	166	556
% Diabetic	91.7	93.8	92.3	91.9	85.1	90.0	93.2	92.3	92.9	89.5	89.3	89.4	89.0	91.0	89.6

## HAEMODIALYSIS PERFORMED ON GOVERNMENT HOSPITAL PATIENTS 2016- 2018

(see page 119 for data of Rodrigues)

HOSPITAL/CENTRE	NUMBER OF HAEMODIALYSIS PERFORMED		
	2016	2017	2018 <sup>#</sup>
Dr. A.G. JEETOO	21,492	23,853	26,534
SSSRN	28,989	30,397	33,019
FLACQ	29,151	30,840	31,244
J. NEHRU	19,599	19,549	20,173
VICTORIA	27,692	26,771	33,800
SOUILLAC	10,934	12,992	13,178
<b>SUB TOTAL</b>	<b>137,857</b>	<b>144,402</b>	<b>157,948</b>
PRIVATE	53,107	53,788	51,940
<b>TOTAL</b>	<b>190,964</b>	<b>198,190</b>	<b>209,888</b>

# At the end of 2018, there were 999 patients on dialysis in the 5 regional hospitals and Souillac Hospital; another 345 government hospital patients were on dialysis in private centres, making a total of 1,344 patients (1,264 patients as at end of 2016 and 1,325 as at the end of 2017).

ISLAND OF MAURITIUS  
**WORK PERFORMED IN MATERNITY SECTIONS OF GOVERNMENT GENERAL HOSPITALS 2003- 2018**

	DELIVERY					BIRTH						
	NORMAL #	INSTRUMENTAL	CAESARIAN SECTION		Total	LIVE BIRTH			STILL-BIRTH		TOTAL	
			No.	% Total *		No.	of which Low Birthweight *	%	No.	Rate <sup>x</sup>	No.	% of births <sup>@</sup> registered in whole island
	No	No.	No.	% Total *	No.	No.	%	No.	Rate <sup>x</sup>	No.	% of births <sup>@</sup> registered in whole island	
2003	10,429	322	4,960	31.6	15,711	15,701	2,358	15.0	175	11.0	15,876	85.5
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	4,206	124	4,165	49.0	8,495	8,489	1,641	19.3	79	9.2	8,568	69.6

\* birthweight of less than 2,500 grams  
x per 1,000 total live births and stillbirths

@ live births + stillbirths  
+ CS Rate (%)

# mostly by midwife

NB: in 2018, (a) 71 and 1 deliveries occurred with twins and triplet respectively  
(b) 571 births were reported as "premature" (6.7%)

**Livebirths registered among teenagers\* (whole island)**

Age -group (years)	2012	2013	2014	2015	2016	2017	2018
10 -14	14	28	27	27	24	30	29
15 -19	1,392	1,179	1,078	1,010	1,012	1,023	1,024
<b>Live births among mothers aged &lt;20 years<sup>@</sup></b>	<b>1,406</b>	<b>1,207</b>	<b>1,105</b>	<b>1,037</b>	<b>1,036</b>	<b>1,053</b>	<b>1,053</b>

\* Source: Statistics Mauritius

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

## ISLAND OF MAURITIUS

**ACTIVITY OF THE X-RAY DEPARTMENT\* -2018**

<b>Examination</b>	<b>Number</b>	<b>Examination</b>	<b>Number</b>
Extremities	307,757	Mammography	1025
Chest	196,500	Angioplasty	1166 #
Spine	94,948	Pyelogram (intravenous)	210
Skull	79,317	ERCP	251
Abdomen	58,742	Barium Swallow	129
Echography (ultra sound)	34,653	Barium Enema	27
Angiogram	3,162 #	Dental	251
C-Arm / O.T	2,656	Barium Meal	25

NB: a total of 808,089 (762,668 in 2017) 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 963 angiogram and angioplasty performed during same intervention

**SORTED OUT-PATIENT ATTENDANCES AT SPECIALISED CLINICS -2018**

<b>Specialty</b>	<b>Number</b>	<b>Specialty</b>	<b>Number</b>
Orthopaedics	141,245	Physical Medicine	31,814
Cardiology	127,456	ENT	27,367
General Medicine	113,644	Chest Disease	25,985
General Surgery	101,793	Neurosurgery	12,836
Ophthalmology <sup>@</sup>	96,136	Endocrinology	12,231
Psychiatry	85,479	Diabetology	12,098
Dermatology	44,438	Neurology	7,844
Obstetrics	42,899	Nephrology/Renal Transplant	7,479
Gynaecology	41,533	Plastic Surgery	5,886
Oncology	34,302	Cardiac Surgery	4,046
Paediatrics	33,033		

@including 13,663 refractions only

**OUT-PATIENT ATTENDANCES AT CERTAIN ANCILLIARY SERVICES**

<b>Service</b>	<b>Number</b>		
	<b>2016</b>	<b>2017</b>	<b>2018</b>
Physiotherapy	152,252	165,001	156,653
Occupational Therapy	36,952	34,206	34,469
Speech Therapy	11,738	10,747	8,562
Audiology	13,821	13,180	11,613
Podiatry	5,116	10,316	7,387
Retinal screening	29,619	31,151	27,879

**ATTENDANCES\* FOR THE TREATMENT OF COMMON DISEASES AND INJURIES  
AT THE COMMUNITY HOSPITALS, MEDICLINICS, AREA HEALTH CENTRES AND COMMUNITY HEALTH CENTRES - 2018**

Region	CENTRE AND DISTRICT TOTAL		Region	CENTRE AND DISTRICT TOTAL		Region	CENTRE AND DISTRICT TOTAL	
	FLACQ	Total Attendances		PLAINES WILHEMS	Total Attendances		PAMPLEMOUSSES	Total Attendances
3	LADY RAMGOOLAM MEDICLINIC	116,413	1	B.BASSIN (L.Twining St) AHC	72,226	2	L.MOUNTAIN COMM HOSPITAL	115,458
3	FLACQ AHC	42,258	5	CASTEL AHC	65,905	2	TRIOLET MEDICLINIC	164,976
3	BEL AIR AHC	109,389	5	CUREPIPE ROAD AHC	60,093	2	Arsenal CHC	11,426
3	BRAMSTHAN AHC	38,822	5	QUATRE BORNES AHC	63,474	1	Baie Du Tombeau CHC	35,039
3	Belle Mare CHC	32,303	5	ROSE HILL AHC	60,189	2	Bon Air CHC	27,309
3	Bon Accueil CHC	124,182	5	VACOAS (Club road ) AHC	35,178	2	Calebasses (Human S.Trust) CHC	21,477
3	Camp De Masque Pavé CHC	36,221	5	Bassin CHC	26,895	2	Congomah CHC	9,913
3	Camp Ithier CHC	17,792	1	Beau Bassin (Odette Leal) CHC	36,827	2	Crève Coeur CHC	10,735
3	Caroline CHC	22,992	1	Coromandel CHC	12,493	2	D'Epinay CHC	12,007
3	Clemencia CHC	12,769	5	Floreal CHC	19,513	2	Fond Du Sac CHC	43,011
3	Dr Saxena (Pellegrin) CHC	34,293	5	Forest Side CHC	57,049	1	Le Hochet (S.K.Patel) CHC	23,476
3	Ecroignard CHC	16,717	5	Glen Park CHC	43,865	2	Pamplemousses CHC	30,679
3	G.R.S.E CHC	7,742	5	Highlands CHC	12,330	2	Petite Julie CHC	5,976
3	Lalmatie CHC	40,541	5	Midlands CHC	15,585	2	Plaine Des Papayes CHC	32,783
3	La Lucie Roy CHC	17,048	5	Pandit Sahadeo (Vacoas) CHC	32,546	2	Pointe Aux Piments CHC	22,409
3	Laventure CHC	25,539	5	Phoenix CHC	16,895	2	Terre Rouge CHC	51,349
3	Mare La Chauz CHC	8,476	5	SSR (Ollier) CHC	23,346	2	Trou aux Biches	11,804
3	Medine Camp De Masque CHC	26,483	5	Stanley CHC	62,475	2	Villebague CHC	9,930
3	Olivia CHC	18,877	5	Trefles (Jacques Rougeot)CHC	72,899		<b>TOTAL</b>	<b>639,757</b>
3	Pellegrin (R.F.Palmer) CHC	9,364	5	Swami Krishnanand (H/Rood) CHC	12,227			
3	Poste De Flacq CHC	43,402	5	La Caverne CHC	33,472		<b>BLACK RIVER</b>	
3	Quatre Cocos CHC	27,006	5	Wooton CHC	31,015	5	DR CANTIN Comm. HOSPITAL	60,618
3	Quatre Soeurs CHC	22,009		<b>TOTAL</b>	<b>866,497</b>	1	BAMBOUS AHC	101,401
1	St Julien D'Hotman CHC	14,736				1	Albion CHC	10,671
3	St Julien Village CHC	12,460		<b>MOKA</b>		5	Beaux Songes CHC	24,024
3	Sebastopol (Lesur) CHC	20,213	3	DR MAHLER(Mt. Blanche)AHC	63,299	5	Case Noyale CHC	13,771
3	Trou D'Eau Douce CHC	27,038	1	QUARTIER MILITAIRE AHC	41,594	5	Chamarel CHC	16,931
			1	DR QUENUM (St Pierre) AHC	58,008	5	Flic En Flac CHC	18,876
	<b>TOTAL</b>	<b>925,085</b>	1	Camp Thorel CHC	25,809	5	Shri R Jugnauth (Palma) CHC	35,014
			1	Dagotiere CHC	35,582	5	La Gaulette CHC	13,766
	<b>SAVANNE</b>		5	Dubreuil CHC	21,538	1	M. Leal (La Tour Koenig) CHC	39,038
4	CHEMIN GRENIER AHC	74,729	1	L'Avenir CHC	20,378	1	Petite Riviere CHC	56,212
4	TYACK AHC	53,308	1	La Laura CHC	7,548	5	Pointe Aux Sables CHC	15,674
4	Baie Du Cap CHC	23,267	1	M.de Speville (Esp/Q.M.) CHC	15,785	5	Tamarin CHC	2,486
4	Camp Diable CHC	12,226	3	Melrose CHC	17,217			
4	Chamouny (Prof.Cerene) CHC	34,055	1	Moka CHC	15,030		<b>TOTAL</b>	<b>408,482</b>
4	Grand Bois CHC	46,281	1	Pailles CHC	47,993			
			1	Pailles West CHC	12,978		<b>PORT LOUIS</b>	
	<b>TOTAL</b>	<b>243,866</b>	1	Providence CHC	31,458	1	DR Hyderkhan(P/Verte) Mediclinic	165,948
			1	Ripailles CHC	6,737	1	DR BOULOUX (Cassis) AHC	66,028
				<b>TOTAL</b>	<b>420,954</b>	1	Cité La Cure (Dr Mahler) CHC	33,245
						1	Eastern CHC	12,624
	<b>RIVIERE DU REMPART</b>					1	Roche Bois CHC	31,604
2	GOODLANDS MEDICLINIC <sup>#</sup>	194,000		<b>GRAND PORT</b>		1	Sainte Croix CHC	61,288
2	RIVIERE DU REMPART AHC	121,598	4	L'ESCALIER MEDICLINIC	57,365	1	Tranquebar CHC	51,547
2	Amaury CHC	17,631	4	ROSE BELLE AHC	38,228	1	Vallee Des Pretres CHC	21,198
2	Barlow CHC	12,114	4	Bambous Virieux CHC	18,570	1	Vallee Pitot CHC	41,492
2	Belle Vue Maurel CHC	16,859	4	Cluny CHC	6,660			
2	Cap Malheureux CHC	23,003	4	Grand Sable CHC	29,187		<b>TOTAL</b>	<b>484,974</b>
2	Cottage CHC	29,012	4	Mare D'Albert CHC	19,792			
2	Esp.Trébuchet (K.Ramdane) CHC	21,828	4	Mare Tabac CHC	14,983			
2	Grand Bay CHC	40,786	4	New Grove CHC	53,139			
2	Grand Gaube CHC	44,852	4	Nouvelle France CHC	20,646		<b>ISLAND TOTAL **</b>	<b>5,104,618</b>
2	Petit Raffray CHC	42,248	4	Old Grand Port CHC	29,330		of which in Health Regions <sup>55</sup>	
2	Piton CHC	42,464	4	Plaine Magnien CHC	54,027		Region 1 (Dr Jeetoo Hospital)	1,205,993
2	Plaines Des Roches CHC	18,519	4	Riviere Des Creoles CHC	24,081		Region 2 (SSRN Hospital)	1,271,100
2	Poudre D'Or CHC	21,222	4	Riviere Du Poste CHC	16,154		Region 3 (Flacq Hospital)	990,865
2	Roches Noires CHC	25,108	4	Saint Hubert CHC	15,023		Region 4 ( J.Nehru Hospital)	669,011
2	Vale CHC	18,614	4	Trois Boutiques CHC	27,960		Region 5 (Victoria Hospital)	967,649
	<b>TOTAL</b>	<b>689,858</b>		<b>TOTAL</b>	<b>425,145</b>			
							\$\$ excluding Out-patient at hospitals	

\* 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 (176,076), Mediclinics (698,702), Area Health Centre (1,165,727) and Community Health Centre (3,064,113).

\*\* excluding MCH (274,720), Vaccination (160,414), Family Planning (50,610) and Dental (192,194)

\*\* of which 2,059,803 seen by doctor.



## SUMMARY ON PRE-PRIMARY SCHOOL HEALTH PROGRAMME - 2018

DISTRICT ACTIVITY AND RESULT	PORT LOUIS	PAMPLE- MOUSSES	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>	36	61	54	55	27	56	162	37	37	525	-	525
<i>No. of children on roll</i>	1,564	2,485	1,700	1,514	753	1,627	5,837	1,104	1,412	17,996	-	17,996
<i>No. of children screened</i>	1,422	1,263	1,540	1,418	672	1,416	4,842	961	1,263	14,797	-	14,797
Scabies	1	-	-	-	1	4	1	-	-	7	-	7
Nits and lice	57	37	44	27	30	92	156	40	95	578	-	578
Dental carries	267	192	400	62	99	244	575	168	286	2,293	-	2,293
No. of children referred to dentist	82	114	281	61	99	231	536	168	226	1,798	-	1,798
<b>No. of children referred to M.C.H. clinics for immunization</b>	47	201	91	4	394	743	1,401	24	108	3,013	-	3,013

## SUMMARY ON PRIMARY SCHOOL HEALTH PROGRAMME - 2018

DISTRICT ACTIVITY AND RESULT	Normal Schools									Specialised Schools <sup>#</sup>	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<sup>#</sup></i>	37	31	25	35	29	18	64	26	18	18	301	13	314
<i>No. of children on roll</i>	9,840	7,349	6,570	5,757	6,835	4,500	22,462	3,425	3,840	558	71,136	2,153	73,289
<i>No. of children screened</i>	3,359	5,661	6,291	4,388	4,375	2,870	7,488	1,680	2,467	510	39,089	2,119	41,208
Scabies	3	4	0	3	5	5	2	0	5	0	27	21	48
Nits and lice	238	434	253	149	220	210	437	102	225	10	2,278	4	2,282
Dental problems	822	1,266	1,276	294	664	505	1,205	354	404	46	6,836	189	7,025
No. of children referred to dentist	115	784	928	275	664	505	645	334	502	25	4,777	178	4,955
VISION SURVEY (Std III, V& VI)													
<i>No. of children screened</i>	2,879	2,047	2,123	3,267	2,221	1,661	6,388	1,471	1,447	13	23,517	1,029	24,546
<i>No. with defective vision</i>	261	69	87	65	84	49	314	82	23	0	1,034	73	1,107
<i>No. referred to specialists</i>	45	53	87	65	84	53	253	60	31	0	731	28	759
IMMUNIZATIONS PERFORMED													
D.T - POLIO (New entrants)	1465	1168	936	1174	948	607	3291	705	529	10	10,833	462	11,295
MMR (New entrants)	1494	1165	949	1214	919	592	3286	687	545	86	10,937	481	11,418
Tetanus Toxoid (School leavers)	1744	1369	1241	1454	1181	757	3847	887	686	68	13,234	575	13,809

# mostly in Plaines Wilhems (14), Port Louis (2), Grand Port (1) and Moka (1)

### Primary School Health Statistics - 2018

#### 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	12,529	8,864	12,416	9,324	13,563	13,882	558	<b>71,136</b>	
Number of children screened	10,155	2,120	7,451	2,315	11,391	5,147	510	<b>39,089</b>	
Number of children having the following :									
Scabies	11	0	2	0	13	1	0	<b>27</b>	
Nits and/or lice	489	186	357	169	823	244	10	<b>2,278</b>	
Dental caries	2,169	451	1,076	415	2,094	585	46	<b>6,836</b>	
<i>of whom referred to dentist</i>	1,501	323	702	330	1,359	537	25	<b>4,777</b>	

#: specialised Schools

VISION SURVEY ON CHILDREN IN:	STANDARD:	III	V	VI	SS	Total
Number of children surveyed		11,115	11,904	485	13	<b>23,517</b>
Number of children with visual problem		437	596	1	0	<b>1,034</b>
<i>of whom referred to eye specialist</i>		341	389	1	0	<b>731</b>

IMMUNIZATION PERFORMED	Normal Schools	SS#	TOTAL
MMR (Standard I)	10,851	86	<b>10,937</b>
D.T - Polio (Standard I)	10,823	10	<b>10,833</b>
Tetanus (Standard VI)	13,166	68	<b>13,234</b>

#### ISLAND OF RODRIGUES

SCREENING BY NURSING STAFF IN :	I	II	III	IV	V	VI	Total
STANDARD:							
Number of children on roll	420	313	354	277	374	415	<b>2,153</b>
Number of children screened	412	303	350	275	365	414	<b>2,119</b>
Number of children having the following :							
Scabies	2	5	2	5	3	4	<b>21</b>
Nits and/or lice	0	0	1	0	2	1	<b>4</b>
Dental caries	56	19	36	19	30	29	<b>189</b>
<i>of whom referred to dentist</i>	54	17	27	19	32	29	<b>178</b>

VISION SURVEY ON CHILDREN IN:	III	V	VI	Total
STANDARD:				
Number of children surveyed	514	515	0	<b>1,029</b>
Number of children with visual problem	35	38	0	<b>73</b>
<i>of whom referred to eye specialist</i>	13	15	0	<b>28</b>

IMMUNIZATION PERFORMED	
MMR (Standard I)	481
D.T - Polio (Standard I)	462
Tetanus (Standard VI)	575

## ISLAND OF MAURITIUS

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

Year	Number of Complaints Received & Attended	Number of Complaints justified	Noise Monitoring Visits during Weekends and after Office Hours *	Number of Notices Served
2007	313	234	-	13
2008	558	149	-	10
2009	526	194	605	34
2010	620	203	1,553	25
2011	562	203	1,751	14
2012	626	229	1,753	8
2013	657	292	1,622	32
2014	859	374	1,489	26
2015	777	323	1,588	27
2016	738	381	1548	15
2017	715	339	1728	7
2018	685	333	1,757	3

\* by Noise Monitoring Squad ( as from July 2009)

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

**Statistics on Home Nursing Care Services**

Health Region \ Year		Number of visits			
		2015	2016	2017	2018
1	Port Louis	9,834	13,981	8,200 #	5,457
2	Pamplemousses / Riviere du Rempart	9,665	10,108	9,512	9,254
3	Flacq	11,486	9,552	7,008	6,806
4	Grand Port / Savanne	7,208	8,061	8,488	11,239
5	Plaine Wilhems	5,553	6,136	5,079	4,426
	Rodrigues	640	622	649	919
TOTAL		44,386	48,460	38,936	32,644

# estimate

## ISLAND OF MAURITIUS

## SCREENING\* OF PRIMARY &amp; PRE-PRIMARY SCHOOL CHILDREN# - 2018

Children reported with:	Pre-primary	Primary
Abdominal pain	1	11
Pallor	18	5
Pityriasis versicolor	71	218
Skin diseases	114	481
Eye defects	27	250
Hearing impairment and other ear disorders	9	8
Speech disorders	72	22
Asthma (known)	38	84
Enlarged tonsils/tonsillitis	2	4
Upper respiratory tract infections	6	11
Congenital anomalies:		
<i>Cleft palate/lip</i>	3	6
<i>Congenital heart disease</i>	21	40
<i>Undescended testis</i>	6	45
Dyslexia	5	15
Mental & behavioural disorders	32	17
Underweight	143	208
Overweight	250	632
Other conditions	214	157
<b>No. of children referred to specialists</b>	<b>162</b>	<b>888</b>

\* for specific diseases by doctor or nursing staff

# all children not covered

**ACTIVITIES OF THE DENTAL HEALTH SERVICE 2015-2018  
PREVENTIVE SERVICE\***

ACTIVITY	PLACE	POPULATION COVERED	2015	2016	2017	2018
FLUORIDE DISTRIBUTION TO CHILDREN	Well Baby Clinics in Area & Community Health	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	81	232	137	109
		No. of pre-primary school children reached	2,380	7,602	6,598	3,204
		No. of primary schools visited	112	81	95	99
		No. of primary school children reached	29,860	30,929	24,762	27,143
		No. of secondary schools visited	2	1	1	-
	No. of secondary school children reached	122	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		32,362	38,801	32,190	30,347

Source: Dental Health Services

\* drastic changes due to administrative reasons

@ no fluoride distribution to children

ISLAND OF MAURITIUS  
**DENTAL CURATIVE SERVICES**

**TABLE A: ATTENDANCES AT DENTAL CLINICS 2014-2018**

ATTENDANCES	Number				
	2014	2015	2016	2017	2018
Cases seen by dentists:					
Children < 5 years	5,629	5,241	5,210	5,034	4,447
Children aged 5-11 years	54,522	52,383	48,592	45,822	39,944
Persons aged 12 years & above	234,680	230,607	231,529	230,332	210,834
<b>SUBTOTAL</b>	<b>294,831</b>	<b>288,231</b>	<b>285,331</b>	<b>281,188</b>	<b>255,225</b>
Cases seen by specialist:					
oral surgeons	11,774	12,387	11,563	11,007	10,213
orthodontists	7,915	7,867	7,470	6,375	5,774
endodontists	4,317	4,127	4,309	4,498	4,091
<b>TOTAL ATTENDANCES</b>	<b>318,837</b>	<b>312,612</b>	<b>308,673</b>	<b>303,068</b>	<b>275,303</b>

# of which 192,194 (69.8%) seen at Primary Health Care Centres (2018)

**TABLE B: DISTRIBUTION OF CASES SEEN BY TYPE OF DENTAL CARE**

Dental care	Number				
	2014	2015	2016	2017	2018
<b><u>EXTRACTION AND TOOTH RESTORATION</u></b>					
Deciduous teeth extracted	25,114	24,514	22,537	21,014	18,372
<u>School children</u>					
Temporary fillings inserted in :					
deciduous teeth	6,791	6,361	6,968	6,617	5,740
permanent teeth	3,067	3,122	3,392	2,193	1,753
Permanent fillings inserted :					
amalgam	4,642	4,443	3,948	4,225	3,045
composite	1,216	1,090	1,398	934	775
Permanent teeth extracted	891	901	653	886	545
<u>Adults</u>					
Temporary fillings inserted	58,447	59,739	61,456	58,076	49,698
Permanent fillings inserted :					
amalgam	32,000	30,272	31,273	33,232	30,933
composite	18,975	20,557	19,392	19,765	20,389
Teeth extracted	58,376	57,602	50,971	52,405	49,118
<b><u>OTHER DENTAL CARE</u></b>					
Treatment of paradontal disease	32,617	31,815	37,912	34,300	29,141
Surgical operations on jaws, etc.	6,957	5,290	4,924	5,418	5,080
Treatment of fracture of jaws	307	310	318	335	285
Endodontic treatment	4,461	4,059	4,309	4,330	4,074
Treatment of dental cysts	182	213	172	214	282
Treatment of temporo-mandibular joint	662	714	805	707	464
Application of pit and fissure sealants	8,656	5,163	2,617	4,158	2,866
Cases treated under general anaesthesia	1,124	1,074	947	800	1,573

**TABLE C: ORTHODONTIC ACTIVITY**

Activity	Number				
	2014	2015	2016	2017	2018
No. of appliances delivered	1,101	1,027	923	802	691
No. of patients with cleft palate	33	56	85	103	132
No. of appliances activated	4,503	4,899	4,726	3,956	3,519
No. of appliances repaired	16	3	0	5	12

**REPUBLIC OF MAURITIUS**  
**Pathological tests carried out in public laboratories – 2018**

Section	Island of Mauritius		Rodrigues		Republic of Mauritius	
	SPECIMENS	TESTS	SPECIMENS	TESTS	SPECIMENS	TESTS
Bacteriology	102,398	574,351	7,924	21,706	110,322	596,057
Biochemistry	4,770,293	7,030,189	170,828	250,552	4,941,121	7,280,741
Blood Transfusion	536,826	1,238,802	7,579	20,344	544,405	1,259,146
Cytology	13,422	15,849	-	-	13,422	15,849
Haematology	1,267,587	5,079,769	48,054	228,743	1,315,641	5,308,512
Histology	14,808	113,444	-	-	14,808	113,444
Parasitology	173,440	276,033	3,792	3,906	177,232	279,939
Virology & STI *	205,151	351,012	20,056	26,334	225,207	377,346
<b>Total</b>	<b>7,083,925</b>	<b>14,679,449</b>	<b>258,233</b>	<b>551,585</b>	<b>7,342,158</b>	<b>15,231,034</b>

\* Sexually Transmitted Infections

**Details of pathological tests carried out in Blood Transfusion Services – 2018**

Tests	Island of Mauritius		Rodrigues		Republic of Mauritius	
	SPECIMENS	TESTS	SPECIMENS	TESTS	SPECIMENS	TESTS
Antenatal	14,960	64,812	1,075	2,150	16,035	66,962
Antibody Screening	1,284	6,547	101	202	1,385	6,749
Antigen Typing	1,701	8,556	-	-	1,701	8,556
Cord Blood	5,105	10,210	305	610	5,410	10,820
Cross-Matched Cases	35,663	106,989	854	2,562	36,517	109,551
Direct Coomb's test	1,228	1,136	138	138	1,366	1,274
Donor Testing	45,252	197,742	1,459	2,918	46,711	200,660
Human Leucocyte Antigen	571	1,859	-	-	571	1,859
Transfusion Transmitted Infection	45,252	197,742	-	-	45,252	197,742
Type & Screen	40,151	160,604	1,387	5,548	41,538	166,152
Unit of Blood XM'd	52,757	158,271	1,696	5,088	54,453	163,359

**Selected Laboratory\* Confirmed Cases of Communicable Diseases 2007 – 2018**

Disease	Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gonorrhoea		10	5	3	5	12	23	15	44	31	56	104	181
Haemophilus influenza Type B		9	4	1	2	0	-	-	-	2	-	1	1
Hepatitis A		7	10	39	57	44	3	2	3	7	1	2	6
Hepatitis B		379	346	331	332	371	272	330	264	276	290	393	517
Hepatitis C		1,839	1,660	1,735	1,637	1,502	1,598	1,713	1,901	1,833	1,992	2,941	3,663
Leptospirosis		18	20	45	64	37	33	55	30	39	28	34	24
Meningitis Meningococcal		2	3	2	1	1	2	0	-	-	-	-	-
Syphilis		462	317	327	132	425	457	465	866	686	1087	1591	2401
Typhoid Fever		4	-	-	3	2	1	3	0	3	1	1	-

\* Government services

## REPUBLIC OF MAURITIUS

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

Period: 2016 - 2018

PATHOGENIC CONDITION	2016			2017			2018		
	SPECIMENS TESTED	POSITIVE CASES		SPECIMENS TESTED	POSITIVE CASES		SPECIMENS TESTED	POSITIVE CASES	
		No.	RATE (%)		No.	RATE (%)		No.	RATE (%)
<b>A. Communicable Diseases</b>									
<b>(I) Microbiology</b>									
1. Stools	4,072			4,451			5,225		
(i) Selected parasites identified :									
Entamoeba histolytica		2	0.0		-	-		11	0.2
Precystic amoebae		4	0.1		6	0.1		12	0.2
Trichuris ova		20	0.5		20	0.5		19	0.4
Ascaris ova		27	0.7		18	0.4		21	0.4
Giardia lamblia		-	-		-	-		9	0.2
Hookworm ova		2	0.0		2	0.0		1	0.0
Strongyloides larvae		8	0.2		2	0.0		3	0.1
Shistosoma ova		-	-		-	-		-	-
(ii) Selected bacterial pathogens:	3246			2668			2,562		
Non-typhoidal salmonella		113	3.5		65	2.4		92	3.6
Campylobacter		54	1.7		48	1.8		41	1.6
Shigella species		1	0.0		-	-		-	-
Salmonella typhi		-	-		1	-		-	-
2. Throat Swabs	2628			3404			2,665		
Streptococcus group A		26	1.0		113	3.3		102	3.8
3. Cerebrospinal Fluid ( selected pathogens)	526			520			513		
Haemophilus influenzae type b		-	-		1	-		1	0.2
Streptococcus pneumoniae		2	0.4		3	0.6		3	0.6
Streptococcus group B		2	0.4		-	-		1	0.2
Cryptococcus neoformans		3	0.6		1	0.2		1	0.2
Neisseria meningitidis		-	-		-	-		-	-
4. Gonorrhoea	2,394	56	2.3	3,691	104	2.8	5,029	181	3.6
5. Malaria	67,454	25	0.0	71,473	28	0.0	79,160	37	0.0
6. Toxoplasma antibodies*	2,641	158	6.0	3,119	186	6.0	3,999	158	4.0
<b>(II) Virology</b>									
Hepatitis A	458	1	0.2	395	2	0.5	357	6	1.7
Hepatitis B (HBs Ag)	51,426	290	0.6	77,525	393	0.5	69,564	517	0.7
Hepatitis C	58,128	1,992	3.4	72,758	2,941	4.0	68,576	3,663	5.3
Cytomegalovirus	2,274	28	1.2	2,990	27	0.9	3,900	56	1.4
Leptospirosis	707	28	4.0	934	34	3.6	997	24	2.4
Chikungunya	3,352	7	0.2	1,525	3	0.2	1,427	1	0.1
Dengue	3,352	25	0.7	-	-	-	1,427	6	0.4
Syphilis (VDRL)	56,478	1,087	1.9	74,087	1,591	2.1	85,047	2,401	2.8
Human immuno-deficiency virus (HIV)	82,028	847	1.0	84,974	1,254	1.5	89,237	1,420	1.6
<b>B. Non-Communicable Disease</b>									
<b>Cancer-related tests</b>									
On histological examinations (tissue)	11,224	1,809	16.1	13,707	1,946	14.2	13,174	1,955	14.8
On cytological examinations (smears)	11,366	529	4.7	10,893	479	4.4	13,422	719	5.4
On haematological examinations (Bone marrow)	422	84	19.9	382	111	29.1	417	116	27.8

\* IgM antibodies only

## ISLAND OF MAURITIUS

## STATISTICS RELATING TO THE FIELDS OF BASIC SANITATION AND FOOD HYGIENE (2014-2018)

ACTIVITIES	2014	2015	2016	2017	2018
<b>BASIC SANITATION</b>					
No. of premises and other sites inspected	90,536	80,068	69,113	60,744	57,968
No. of notices issued	3,947	3,860	3,939	2,896	4,235
No. of sanitary contraventions	63	57	59	44	84
No. of cases sentenced	58	38	44	27	40
<b>FOOD HYGIENE</b>					
No. of inspections carried out	19,213	20,388	20,906	21,253	19,035
Foodstuffs unfit for consumption seized and destroyed	813,235	2,005,931	564,029	947,755	152,745
No. of contraventions	395	285	434	449	414
No. of cases sentenced	412	391	365	354	350
No of imported food containers examined	16,236	16,533	17,480	28,030	19,435
<b>INSPECTION OF PUBLIC PLACES</b>					
Cinema halls & other entertainment places	581	667	762	751	614
Dormitories ( including Boarding Houses)	980	1,220	1,335	1,523	1,722
Industrial establishments	280	502	313	459	379
Schools	3,173	1,580	3,293	2,291	2,412
<b>AIRPORT</b>					
No. of planes disinfected on arrival	47	92	50	387	238
No. of planes disinfected before departure	1,152	1,279	1,475	1,571	1,576
No. of passengers put under malaria surveillance	264,978	329,444	340,976	375,356	395,712
No. of passengers put under chikungunya surveillance	263,425	295,909	351,302	452,941	449,281
No. of passengers put under dengue surveillance	313,994	365,967	373,889	412,039	449,281
<b>SEAPORT</b>					
No. of ships given pratique	2,789	2,622	2,872	3,062	3,055
No. of ships visited for malaria surveillance	528	778	1,037	1,344	1,362
No. of ships inspected for issue of deratting exemption certificate	171	267	331	376	412
No. of deratting of ships performed	122	117	81	62	20

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

Republic of Mauritius  
**Number of imported cigarette sticks\***

Product	2014	2015	2016	2017	2018
Cigarettes (No of sticks)	995,540,000	986,480,000	857,960,000	998,293,000	1,003,931,000

**Number of litres of imported or produced alcoholic products\***

Product	2014	2015	2016	2017	2018
Beer	34,538,749	35,925,183	36,669,815	38,844,919	43,545,797
Wine	4,632,119	4,508,690	4,386,189	4,196,885	4,161,931
Spirits (including imported Rum, Whiskey Liquor and Compounded Spirits)	11,912,513	12,298,449	12,326,840	11,692,549	12,201,426
<b>Total alcoholic products (litre)</b>	<b>51,083,381</b>	<b>52,732,322</b>	<b>53,382,844</b>	<b>54,734,353</b>	<b>59,909,154</b>

\* Source: Mauritius Revenue Authority



ISLAND OF MAURITIUS  
**ACTIVITIES OF THE COMMUNITY BASED REHABILITATION<sup>@</sup> PROGRAMME 2014- 2018**

ACTIVITY	YEAR				
	2014	2015	2016	2017	2018
<b>SUMMARY FIGURES</b>					
Number of disabled as at end-of-year	11,105	11,228	11,242	11,316	11,263
New cases of disabled registered during year	906	1,068	840	822	660
Number of visits to disabled	45,533	46,413	45,834	44,860	40,824
Number of referrals of disabled	6,618	6,726	6,703	6,147	5,671
Number of appliances delivered to disabled	1,574	1,432	1,258	1,284	1,058
Number of visits to institutions by staff	1,833	1,711	1,509	1,485	1,346
<b>DETAILS OF REFERRALS OF DISABLED</b>					
To social security offices	1,456	1,531	1,571	1,566	1,414
To hospitals	1,579	1,698	1,634	1,541	1,514
To health centres	2,184	2,243	2,177	1,944	1,764
To National Council for the Rehabilitation of the Disabled Persons (NCRD)	37	32	31	25	34
To orthopaedic workshop	625	589	570	548	469
To day care centres	185	238	192	142	124
To specialised schools	137	111	105	72	80
To Pre-Primary Schools	26	22	24	24	15
To Primary Schools	9	10	5	6	3
To other institutions	380	252	394	279	254
<b>DETAILS OF APPLIANCES DELIVERED TO DISABLED</b>					
Walking aids	635	653	471	549	469
Wheelchairs	506	451	410	406	340
Adapted appliances	200	161	207	185	105
Splints/calipers	76	41	40	57	33
Hearing aids	22	21	11	14	23
Artificial limbs	53	31	30	26	22
Other appliances*	82	74	89	47	88
<b>DETAILS OF VISITS TO INSTITUTIONS BY STAFF</b>					
Day care centres	409	409	345	331	294
Pre-primary schools	204	174	158	159	153
Specialised institutions	248	183	171	160	98
Primary schools	72	79	63	61	52
Social security offices	674	689	669	675	649
Other institutions	226	177	103	99	100

@ see page 53 for attendances at rehabilitation service departments

\* including walking sticks

**CASES REFERRED ABROAD BY GOVERNMENT HOSPITAL SERVICES**

TREATMENT	2014	2015	2016	2017	2018
Eye	55	49	12	15	14
Neurosurgical	65	60	46	45	43
Cardiac	44	39	8	36	47
Other*	83	94	51	103	235 <sup>@</sup>
<b>Total number of patients</b>	<b>247</b>	<b>242</b>	<b>117</b>	<b>199</b>	<b>339</b>

\* leukaemia, orthopaedics, ENT, Cancer etc

@ including 143 for Radio Therapy

REPUBLIC OF MAURITIUS  
**NEW CASES OF CERTAIN NOTIFIABLE DISEASES\*\* REPORTED TO SANITARY AUTHORITIES 2001 – 2018**

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	-	-
<b>2018</b>	<b>382</b>	<b>24</b>	-	<b>1</b>	<b>6</b>	<b>65</b>	<b>2</b>	<b>18</b>	<b>1</b>	<b>37</b>	<b>3</b>	<b>1385</b>	<b>1</b>	-	-	-	<b>111</b>	<b>12</b>	<b>10</b>	<b>4</b>	-

## No cases of Schistosomiasis has been reported since 1998

# Cerebrospinal ( Hib, Streptococcus pneumonia and neisseria)

\* In Rodrigues, 26 cases in 2014, 40 cases in 2015 , 36 in 2016, 36 in 2017 and 28 in 2018 (mostly fish poisoning)

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

£ all 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 - 2018**

DISEASE	HIV / AIDS <sup>@</sup>		FOOD POISONING	GONORRHOEA <sup>#</sup>	DENGUE (IMPORTED)	LEPTOSPIROSIS	MALARIA	SYPHILIS <sup>#</sup>	TUBERCULOSIS *		FILARIASIS
	MAURITIAN	NON-MAURITIAN					IMPORTED		PULMONARY	OTHER	
MONTH											
JANUARY	30	3	3	11	-	3	2	18	4	-	4
FEBRUARY	37	-	3	12	-	3	3	23	11	1	2
MARCH	21	3	27	10	-	2	1	38	20	1	2
APRIL	27	3	7	17	-	4	4	40	8	1	2
MAY	45	2	2	4	-	1	-	25	9	1	4
JUNE	31	-	-	8	-	1	2	14	12	1	1
JULY	31	2	8	6	-	2	8	20	9	1	1
AUGUST	32	4	1	10	1	2	4	23	9	1	19
SEPTEMBER	34	2	1	17	2	-	1	27	7	-	14
OCTOBER	40	1	7	17	3	-	4	26	6	1	20
NOVEMBER	29	2	5	14	-	-	5	20	10	1	4
DECEMBER	25	2	1	16	-	-	3	18	18	1	5
<b>TOTAL</b>	<b>382</b>	<b>24</b>	<b>65</b>	<b>142</b>	<b>6</b>	<b>18</b>	<b>37</b>	<b>292</b>	<b>123</b>	<b>10</b>	<b>78</b>

<sup>@</sup> Human Immuno-Deficiency Virus / Acquired immuno-deficiency syndrome

<sup>#</sup> excluding Rodrigues

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

REPUBLIC OF MAURITIUS

**DISTRIBUTION OF NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES BY DISTRICT - 2018**

DISEASE	HIV / AIDS <sup>@</sup> (MAURITIAN)	FOOD POISONING	GONORRHOEA	DENGUE		LEPTOSPIROSIS	MALARIA	SYPHILIS	TUBERCULOSIS PULMONARY
				LOCALLY TRANSMITTED	IMPORTED		IMPORTED		MAURITIAN
DISTRICT									
PORT LOUIS	107	3	9	-		2	8	67	36
PAMPLEMOUSSES	69	19	15	-		1	7	57	16
RIVIERE DU REMPART	23	4	9	-		-	-	15	6
FLACQ	31	5	5	-		6	-	19	5
GRAND PORT	10	1	5	-		5	3	18	3
SAVANNE	16	-	-	-		-	-	-	6
PLAINES WILHEMS	87	3	74	-		3	14	71	21
MOKA	6	* -	-	-		1	-	11	5
BLACK RIVER	20	2	23	-		-	5	17	8
RODRIGUES	13	28	2	-		-	-	17	5
<b>TOTAL</b>	<b>382</b>	<b>65</b>	<b>142</b>	<b>-</b>	<b>6</b>	<b>18</b>	<b>37</b>	<b>292</b>	<b>111</b>

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

\* mostly fish poisoning

# - includes 2 cases of unknown address

REPUBLIC OF MAURITIUS

**DISTRIBUTION OF CERTAIN NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES**

**BY AGE-GROUP AND SEX - 2018**

DISEASE & SEX AGE-GROUP (YEARS)	HIV / AIDS <sup>@</sup>		FOOD POISONING		GONORRHOEA <sup>#</sup>		MALARIA (IMPORTED)		SYPHILIS <sup>#</sup>		PULMONARY TUBERCULOSIS MAURITIAN/NON- MAURITIAN	
	MAURITIAN		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	MALE	FEMALE										
Less than 10	2	4	1	1	-	-	1	-	11	6	-	-
10 - 19	3	15	11	8	19	1	2	-	7	27	1	3
20 - 29	53	51	8	5	67	5	10	3	65	64	9	13
30 - 39	64	46	1	6	26	4	9	2	33	32	20	6
40 - 49	45	22	5	7	8	-	7	-	18	5	13	8
50 - 59	34	16	-	3	8	-	1	1	15	3	15	11
60 & over	17	10	3	6	4	-	1	-	6	-	15	9
<b>TOTAL</b>	<b>218</b>	<b>164</b>	<b>29</b>	<b>36</b>	<b>132</b>	<b>10</b>	<b>31</b>	<b>6</b>	<b>155</b>	<b>137</b>	<b>73</b>	<b>50</b>

@ 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\* 2011-2018**

YEAR	2011	2012	2013	2014	2015	2016	2017	2018
Number of AFP reported cases	2	6	5	6	6	7	8	7
Rate per 100,000 population <15 years	0.7	2.3	1.9	2.4	2.4	2.9	3.4	3.1

\* Republic of Mauritius

**DISEASE SURVEILLANCE AT HOSPITAL LEVEL<sup>#</sup> - 2018**

DISEASE	Gastro-enteritis	Upper respiratory tract infection <sup>1</sup>	Conjunctivitis <sup>2</sup>	Fever
MONTH				
January	3,970	11,554	1,841	1,980
February	3,854	19,132	1,842	2,810
March	3,592	22,086	1,717	3,372
April	3,295	19,380	1,279	3,303
May	3,722	21,638	1,335	3,477
June	4,401	20,965	1,253	2,761
July	4,298	21,731	1,263	2,408
August	3,752	20,987	1,236	2,397
September	2,900	24,148	1,454	2,440
October	2,735	21,342	1,597	2,504
November	2,460	14,969	1,311	2,331
December	2,856	12,381	1,058	2,158
<b>Year</b>	<b>41,835</b>	<b>230,313</b>	<b>17,186</b>	<b>31,941</b>

# General Hospitals (including Long Mountain)

1. including ENT Hospital

2. including Moka (Eye) Hospital

**NEW CASES ATTENDING AREA AND COMMUNITY HEALTH CENTRES - 2018**

DISEASE	Gastro-enteritis	Upper respiratory tract infection <sup>*</sup>	Conjunctivitis	Scabies
MONTH				
January	8,449	21,000	3,990	504
February	8,139	33,293	4,149	711
March	7,810	37,333	3,774	524
April	7,135	35,026	3,123	540
May	7,275	39,346	2,772	479
June	7,720	37,187	3,026	405
July	7,243	38,500	3,201	330
August	6,933	37,637	2,820	363
September	6,001	42,032	2,901	352
October	5,495	37,568	2,962	331
November	5,285	25,529	2,598	273
December	5,529	21,384	2,506	350
<b>Year</b>	<b>83,014</b>	<b>405,835</b>	<b>37,822</b>	<b>5,162</b>

\* Source: Health Records Division

REPUBLIC OF MAURITIUS  
**STATISTICS RELATING TO NOTIFICATION OF HIV / AIDS CASES AND DEATHS 1987 – 2018**

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	113	27	140	123
<b>TOTAL</b>	<b>5,503</b>	<b>1,918</b>	<b>7,421</b>	<b>209</b>	<b>82</b>	<b>291</b>	<b>5,712</b>	<b>2,000</b>	<b>7,712</b>	<b>1,243</b>	<b>238</b>	<b>1,481</b>	

## 2018 figures are provisional

\*\* ICD-10

**STATISTICS RELATING TO HIV TESTS CARRIED OUT AT VIROLOGY LAB 2018**

CATEGORY	Number of tests
Blood donors - Island of Mauritius	44,683
Blood donors - Island of Rodrigues	1,434
Immigrant workers /Expatriates	4,517
Renal Dialysis Patients	4,490
Cardiac Surgery and Other Hospital Patients	10,554
Hospital Patients - Island of Rodrigues	1,893
Antenatal cases screened - Island of Mauritius	11,110
Antenatal cases screened - Island of Rodrigues	825
Persons of high risk groups*	2,019
Prison Inmates	6,156
Others#	2,587
<b>TOTAL TESTS</b>	<b>90,268</b>

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

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

NB: (a) 18 positive cases have been detected among blood donors. (17 in Mauritius and 1 in Rodrigues)

(b) 101 positive cases have been detected among pregnant women in 2018. 39 new cases and 61 known cases in Mauritius and only 1 positive new case in Rodrigues

ISLAND OF MAURITIUS  
**SELECTED STATISTICS ON PRIVATE HEALTH INSTITUTIONS \* 2004 – 2018**

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
2004	12	543	2,638	8.6	5	2,643	46.3	14.3
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

@ 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 \* - 2018**

Period	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Whole Year
Number	65,388	63,822	66,928	67,238	263,376*

\* including 15,268 cases seen at Dr Agarwal Eye Hospital

**TOTAL BIRTHS BY TYPE OF DELIVERY\$ IN PRIVATE HEALTH INSTITUTIONS \*- 2018**

TYPE OF DELIVERY	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Whole Year
Normal#	303	372	358	321	<b>1,354</b>
Caesarian	502	525	644	536	<b>2,207</b>
Instrumental	38	45	36	40	<b>159</b>
<b>Total</b>	<b>843</b>	<b>942</b>	<b>1,038</b>	<b>897</b>	<b>3,720</b>

\*with medical treatment services

\$ based on data received from 19 private health institutions and adjusted for under reporting

# including 188 by ventouse performed at Wellkin Hospital (180 in 2017)



**DISTRIBUTION OF CASES TREATED AT PRIVATE HEALTH INSTITUTIONS \* BY CAUSE AND SEX - YEAR 2018**

I.C.D. CHAPTER	CAUSE OF ATTENDANCE (including admissions) (W.H.O. International Classification of Diseases 10th Revision)	Number <sup>#</sup>		
		MALE	FEMALE	TOTAL
I	Infectious colitis, enteritis, gastroenteritis and diarrhoea	1,693	1,900	3,593
	Septicaemia and other infectious and parasitic diseases	298	258	556
II	Malignant Neoplasms (Cancer, Hodgkin's, lymphoma, leukemia etc.)	745	1191	1,936
	Benign and other Neoplasms (Fibroid of uterus, carcinoma in situ, brain tumor etc.)	76	223	299
III	Anemias	237	472	709
	Coagulation defects and other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	79	62	141
IV	Diabetes Mellitus and related complications (coma, cataract, gangrene, renal, etc.)	526	451	977
	Disorders of thyroid & other endocrine, nutritional and metabolic diseases	127	184	311
V	Alcoholism	70	52	122
	Depression and other mental and behavioural disorders	328	179	507
VI	Epilepsy and other diseases of the nervous system	261	336	597
VII	Diseases of the eye & adnexa	8,448	7,432	15,880
VIII	Diseases of the ear & mastoid process	632	728	1,360
IX	Hypertension and related complications (renal, heart etc.)	642	678	1,320
	Myocardial, Ischaemic and other heart disease	1,203	657	1,860
	Stroke and other cerebrovascular diseases	291	219	510
	Varicose veins and haemorrhoids	367	356	723
	Hypotension and other diseases of the circulatory system	360	368	728
X	Influenza and pneumonia	569	608	1,177
	Bronchitis & bronchiolitis	1,396	1,361	2,757
	Sinusitis & rhinitis	541	625	1,166
	Asthma	193	263	456
	Emphysema and other diseases of the respiratory system	1,108	967	2,075
XI	Gastritis & duodenal ulcer	405	399	804
	Appendicitis and hernia	390	257	647
	Pancreas and liver diseases	192	82	274
	Calculus (stone) of gallbladder and bile duct	169	165	334
	Gastritis and other diseases of the digestive system	1,604	1,771	3,375
XII	Lupus erythematosus and other diseases of the skin and subcutaneous tissue	457	421	878
XIII	Rheumatism and other diseases of the musculoskeletal system and connective tissue	1,269	1,081	2,350
XIV	Diseases of the genital organs, including breast and menstrual disorders	537	1,730	2,267
	Renal failure	154	107	261
	Cystitis and other diseases of the genitourinary system	838	786	1,624
XV	Complications following spontaneous and other abortions		285	285
	Deliveries and other conditions associated with pregnancy, childbirth and the puerperium		2,816	2,816
XVI	Certain conditions originating in the perinatal period (newborns)	62	71	133
XVII	Congenital malformations, deformations and chromosomal abnormalities	54	15	69
XVIII	Fever, headache, pain all over, malaise and fatigue, senility, syncope and collapse	1,739	2,036	3,775
	All other symptoms, signs and ill-defined conditions	762	681	1,443
XIX & XX	Fractures and other injuries	1,076	800	1,876
	Adverse effects & other poisonings	117	138	255
XXI	Attendances/admissions for observations, examinations or investigations only	48,984	47,799	96,783
	<b>Sub-Total</b>	<b>78,999</b>	<b>81,010</b>	<b>160,009</b>
	Not classified by cause @	48,777	54,589	103,366
	<b>GRAND TOTAL</b>	<b>127,776</b>	<b>135,599</b>	<b>263,375</b>

\* 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\* - 2018**

Body Site/Type of intervention		MALE	FEMALE	BOTH SEXES	
				NUMBER	%
1.	Brain, spinal and other nervous system	27	20	47	0.2
2.	Thyroid, adrenal and other endocrine system	33	80	113	0.5
3.	Eye and adnexa	1,247	1,190	2,437 <sup>£</sup>	11.8
4.	Ear and mastoid process	113	116	229	1.1
5.	Nose, mouth and pharynx	651	748	1,399	6.8
6.	Lung, diaphragm and other respiratory system	56	52	108	0.5
7.	Heart, arteries, veins and other cardiovascular system	143	130	273	1.3
8.	Bone marrow, lymph nodes, spleen and other blood and blood forming organs	33	23	56	0.3
9.	Stomach, duodenal, appendix, gallbladder and other digestive system (incl. proctological)	2,024	1,885	3,909	19.0
10.	Kidney, ureter, bladder and other urinary system	644	292	936	4.5
11.	Prostate, testis, penis and other male genital organs	849		849	4.1
12.	Ovary, uterus, vagina and other gynaecological procedures		3,105	3,105	15.1
13.	Antepartum, labour, delivery and postpartum procedures		1,235	1,235	6.0
14.	Neck, spine, pelvis, limbs and other musculoskeletal system	898	868	1,766	8.6
15.	Dermatological and plastic procedures (skin, soft tissue)	1,011	891	1,902	9.2
16.	Breast	42	471	513	2.5
17.	Diagnostic, therapeutic, client support and other non-invasive and cognitive interventions	761	975	1,736	8.4
<b>TOTAL (classified interventions)</b>		<b>8,532</b>	<b>12,081</b>	<b>20,613</b>	<b>100.0</b>
18.	Interventions not classified by body site/type	1,964	2,346	4,310 <sup>#</sup>	
<b>TOTAL (interventions)</b>		<b>10,496</b>	<b>14,427</b>	<b>24,923</b>	

\* with medical treatment services

# at Wellkin Hospital

£ including 1,210 at Dr Agarwal Eye Hospital

ISLAND OF MAURITIUS  
**CERTAIN PRINCIPAL CAUSES OF GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS)**  
**BY SEX - 2018**

CAUSE (I.C.D - 10)		MALE		FEMALE		TOTAL	
		No.	%	No.	%	No.	%
1	Deliveries (including by caesarian etc)		0.0	6,101	7.2	6,101	3.8
2	Diarrhoea and gastroenteritis of presumed infectious origin	1,893	2.6	2,602	3.1	4,495	2.8
3	Acute Upper Respiratory infections	2,554	3.5	2,524	3.0	5,078	3.2
4	Diabetes mellitus	2,412	3.3	2,152	2.5	4,564	2.9
5	Acute myocardial infarction and other ischaemic heart diseases	2,772	3.8	1,420	1.7	4,192	2.6
6	Gastritis and duodenitis	2,287	3.1	1,967	2.3	4,254	2.7
7	Abdominal and pelvic pain	1,280	1.7	1,574	1.8	2,854	1.8
8	Fractures	2,444	3.3	1,612	1.9	4,056	2.6
9	Hypertensive disease	1,450	2.0	1,990	2.3	3,440	2.2
10	Infections of the skin and subcutaneous tissue	2,018	2.8	1,186	1.4	3,204	2.0
11	Dorsopathies	1,434	2.0	1,152	1.4	2,586	1.6
12	Cerebrovascular disease	1,777	2.4	1,380	1.6	3,157	2.0
13	Anaemias	720	1.0	1,864	2.2	2,584	1.6
14	Mental and behavioural disorders due to use of alcohol	2,588	3.5	277	0.3	2,865	1.8
15	Non-inflammatory disorders of female genital tract		0.0	1,884	2.2	1,884	1.2
16	Asthma	772	1.1	1,288	1.5	2,060	1.3
17	Poisonings and toxic effects of drugs and other substances	888	1.2	826	1.0	1,714	1.1
18	Malaise and fatigue	850	1.2	1,199	1.4	2,049	1.3
19	Dyspnoea and other abnormalities of breathing	679	0.9	697	0.8	1,376	0.9
20	Pain in throat and chest	815	1.1	452	0.5	1,267	0.8
21	Epilepsy	838	1.1	625	0.7	1,463	0.9
22	Fever of unknown origin	382	0.5	389	0.5	771	0.5
23	Calculus of kidney and ureter	841	1.1	433	0.5	1,274	0.8
24	Convulsions, elsewhere classified (excluding newborns)	871	1.2	547	0.6	1,418	0.9
25	Nausea and vomiting	344	0.5	468	0.5	812	0.5
26	Diseases of male genital organs	1,440	2.0		0.0	1,440	0.9
27	Complications following spontaneous and other abortions		0.0	969	1.1	969	0.6
28	Varicose veins of lower extremities	433	0.6	680	0.8	1,113	0.7
29	Disorders of breast	45	0.1	1,180	1.4	1,225	0.8
30	Bronchitis, emphysema and other chronic obstructive pulmonary diseases	864	1.2	668	0.8	1,532	1.0
31	Gastrointestinal haemorrhage, unspecified	826	1.1	404	0.5	1,230	0.8
32	Disorders of menstruation		0.0	906	1.1	906	0.6
33	Renal colic	793	1.1	323	0.4	1,116	0.7
34	Heart Failures	302	0.4	331	0.4	633	0.4
35	Benign neoplasm of uterus		0.0	500	0.6	500	0.3
36	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium		0.0	513	0.6	513	0.3
37	Pneumonia	415	0.6	397	0.5	812	0.5
38	Renal failures	286	0.4	167	0.2	453	0.3
	All other causes	34,999	47.7	41,523	48.8	76,522	48.3
<b>TOTAL</b>		<b>73,312</b>	<b>100.0</b>	<b>85,170</b>	<b>100.0</b>	<b>158,482</b>	<b>100.0</b>

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.

ISLAND OF MAURITIUS  
**GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS)**  
**BY I.C.D - 10 CHAPTER AND SEX - 2018**

CAUSE ( ICD - 10 )	DISCHARGES *					
	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
1. Certain infectious & parasitic diseases	2,779	3.8	3,325	3.9	6,104	3.9
2. Neoplasms	1,866	2.5	3,162	3.7	5,028	3.2
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	936	1.3	1,960	2.3	2,896	1.8
4. Endocrine, nutritional & metabolic diseases	3,639	5.0	3,810	4.5	7,449	4.7
5. Mental & behavioural disorders	3,554	4.8	1,121	1.3	4,675	2.9
6. Diseases of the nervous system	1,685	2.3	1,511	1.8	3,196	2.0
7. Diseases of the eye & adnexa	1,393	1.9	1,884	2.2	3,277	2.1
8. Diseases of the ear & mastoid process	74	0.1	111	0.1	185	0.1
9. Diseases of the circulatory system	8,611	11.7	7,692	9.0	16,303	10.3
10. Diseases of the respiratory system	7,782	10.6	8,578	10.1	16,360	10.3
11. Diseases of the digestive system	7,500	10.2	4,956	5.8	12,456	7.9
12. Diseases of the skin & subcutaneous tissue	2,925	4.0	2,154	2.5	5,079	3.2
13. Diseases of the musculoskeletal system & connective tissue	2,666	3.6	2,806	3.3	5,472	3.5
14. Diseases of the genitourinary system	4,673	6.4	6,638	7.8	11,311	7.1
15. Pregnancy, childbirth & the puerperium	-	0.0	16,282	19.1	16,282	10.3
16. Certain conditions originating in the perinatal period	1,696	2.3	1,664	2.0	3,360	2.1
17. Congenital malformations, deformations & chromosomal abnormalities	279	0.4	191	0.2	470	0.3
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	9,178	12.5	9,152	10.7	18,330	11.6
19 & 20. Injury, poisoning & certain other consequences of external causes	10,872	14.8	7,039	8.3	17,911	11.3
21. Factors influencing health status & contact with health services	1,204	1.6	1,134	1.3	2,338	1.5
<b>TOTAL</b>	<b>73,312</b>	<b>100.0</b>	<b>85,170</b>	<b>100.0</b>	<b>158,482</b>	<b>100.0</b>

\* 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 - 2018

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	135	284	267	173	621	612	687	97	258	256	261	621	593	1,239
2 Neoplasms	2	4	8	24	216	609	1,003	5	3	17	26	365	1,429	1,317
3 Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	6	15	31	71	137	266	410	7	21	41	149	382	651	709
4 Endocrine, nutritional & metabolic diseases	5	3	16	12	282	1,437	1,884	12	3	10	53	249	1,056	2,427
5 Mental & behavioural disorders	-	2	17	146	1,006	1,707	676	-	1	18	125	309	408	260
6 Diseases of the nervous system	11	26	58	113	404	566	507	5	13	66	164	353	438	472
7 Diseases of the eye & adnexa	4	4	5	3	18	320	1,039	1	2	5	5	32	381	1,458
8 Diseases of the ear & mastoid process	1	3	-	6	13	25	26	2	3	4	2	14	38	48
9 Diseases of the circulatory system	2	4	20	32	520	3,364	4,669	1	4	15	50	440	2,133	5,049
10 Diseases of the respiratory system	510	945	747	314	1,066	1,488	2,712	357	705	593	405	991	1,555	3,972
11 Diseases of the digestive system	40	63	136	219	1,474	3,085	2,483	25	47	138	318	862	1,369	2,197
12 Diseases of the skin & subcutaneous tissue	23	27	103	217	799	1,045	711	18	31	52	175	505	690	683
13 Diseases of the musculoskeletal system & connective tissue	4	9	39	83	544	1,275	712	2	11	42	87	465	1,162	1,037
14 Diseases of the genitourinary system	20	86	158	157	899	1,770	1,583	5	23	71	522	1,815	2,645	1,557
15 Pregnancy, childbirth & the puerperium	-	-	-	-	-	-	-	-	-	8	2,189	13,629	456	-
16 Certain conditions originating in the perinatal period	1,696	-	-	-	-	-	-	1,664	-	-	-	-	-	-
17 Congenital malformations, deformations & chromosomal abnormalities	88	60	68	32	20	5	6	93	24	26	11	21	8	8
18 Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	128	281	449	423	1,552	2,810	3,535	126	235	428	808	1,715	2,161	3,679
19 & 20 Injury, poisoning & certain other consequences of external causes	84	240	603	893	3,369	3,464	2,219	71	175	369	641	1,520	1,578	2,685
21 Factors influencing health status & contact with health services	59	16	44	60	218	438	369	76	10	39	140	280	307	282
<b>Total</b>	<b>2,818</b>	<b>2,072</b>	<b>2,769</b>	<b>2,978</b>	<b>13,158</b>	<b>24,286</b>	<b>25,231</b>	<b>2,567</b>	<b>1,569</b>	<b>2,198</b>	<b>6,131</b>	<b>24,568</b>	<b>19,058</b>	<b>29,079</b>

ISLAND OF MAURITIUS  
CHILDREN UNDER ONE YEAR\*

**CERTAIN PRINCIPAL CAUSES OF GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) - 2018**

CAUSE ( I.C.D - 10 )		NUMBER OF DISCHARGES			
		MALE	FEMALE	TOTAL	
				No.	%
1.	Acute Upper Respiratory infections	223	173	396	7.4
2.	Acute bronchitis and bronchiolitis	254	161	415	7.7
3.	Slow fetal growth, fetal malnutrition and disorders related to short gestation and low birthweight	319	337	656	12.2
4.	Newborn affected by maternal factors and by complications of pregnancy, labour and delivery	253	292	545	10.1
5.	Diarrhoea and gastro-enteritis of presumed infectious origin	95	59	154	2.9
6.	Nausea and vomiting , including newborns	53	62	115	2.1
7.	Septicaemia and infections specific to the perinatal period	160	149	309	5.7
8.	Fever of unknown origin	36	26	62	1.2
9.	Diseases of the Digestive System	40	25	65	1.2
10.	Abdominal and pelvic pain	21	18	39	0.7
11.	Intrauterine hypoxia and birth asphyxia	31	36	67	1.2
12.	Convulsions, including newborns	24	24	48	0.9
13.	Infections of the skin and subcutaneous tissue	12	7	19	0.4
14.	Cough	5	6	11	0.2
15.	Congenital deformities of feet	18	21	39	0.7
16.	Pneumonia, including newborns	10	13	23	0.4
17.	Diseases of the Genito-urinary System	20	5	25	0.5
18.	Diseases of the Nervous System	11	5	16	0.3
19.	Congenital malformations of the circulatory system	9	25	34	0.6
20.	Dyspnoea and other abnormalities of breathing	8	3	11	0.2
21.	Respiratory distress of newborn	35	16	51	0.9
22.	Neonatal aspiration syndromes	5	3	8	0.1
23.	Anaemias, including newborns	7	9	16	0.3
24.	Cleft lip and cleft palate	5	8	13	0.2
25.	Diseases of the musculoskeletal system and connective tissue	4	2	6	0.1
26.	Fractures	17	13	30	0.6
27.	Asthma	7	0	7	0.1
	All other causes	1,136	1,069	2,205	40.9
<b>TOTAL</b>		<b>2,818</b>	<b>2,567</b>	<b>5,385</b>	<b>100.0</b>

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 )

ISLAND OF MAURITIUS  
**NEOPLASMS**

**GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) BY TYPE AND SEX - 2018**

TYPE OF NEOPLASM (I.C.D - 10)	NUMBER OF DISCHARGES		
	MALE	FEMALE	TOTAL
Malignant neoplasm of lip, oral cavity and pharynx	103	56	159
Malignant neoplasm of oesophagus	24	32	56
Malignant neoplasm of stomach	92	60	152
Malignant neoplasm of colon	145	134	279
Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal	110	84	194
Malignant neoplasm of liver and intrahepatic bile ducts	32	27	59
Malignant neoplasm of pancreas	34	41	75
Other malignant neoplasm of digestive organs	12	26	38
Malignant neoplasm of larynx	41	9	50
Malignant neoplasm of trachea, bronchus and lung	135	90	225
Other malignant neoplasm of respiratory and intrathoracic organs	9	9	18
Malignant neoplasm of bone and articular cartilage	16	9	25
Malignant neoplasm of skin, including melanoma	7	12	19
Malignant neoplasm of mesothelial and soft tissue	37	28	65
Malignant neoplasm of breast	30	715	745
Malignant neoplasm of cervix uteri		198	198
Malignant neoplasm of other and unspecified parts of the uterus		157	157
Other Malignant neoplasms of female genital organs		233	233
Malignant neoplasm of prostate	222		222
Other malignant neoplasm of male genital organs	63		63
Malignant neoplasm of bladder	97	51	148
Other malignant neoplasm of urinary tract	44	25	69
Malignant neoplasm of eye and adnexa	-	-	0
Malignant neoplasm of central nervous system, including brain	24	25	49
Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites	80	95	175
Hodgkin's disease	22	16	38
Non-Hodgkin's lymphoma	39	27	66
Leukaemia	35	55	90
Other malignant neoplasms of lymphoid, haematopoietic and related tissue	23	35	58
Carcinoma in situ of cervix uteri		1	1
Benign neoplasm of skin	25	34	59
Benign neoplasm of breast	-	21	21
Leiomyoma of uterus		500	500
Benign neoplasm of ovary		2	2
Benign neoplasm of urinary organs	3	-	3
Benign neoplasm of brain and other parts of central nervous system	10	14	24
Other in situ and benign neoplasms and neoplasms of uncertain and unknown behaviour	352	341	693
<b>TOTAL</b>	<b>1,866</b>	<b>3,162</b>	<b>5,028</b>

## ISLAND OF MAURITIUS

GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) DUE TO DISEASES OF THE CIRCULATORY SYSTEM  
BY AGE-GROUP AND SEX - 2018

CAUSES (I.C.D. 10)	MALES					FEMALES					TOTAL					ALL AGES
	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	
Acute rheumatic fever	-	-	1	-	-	1	-	-	-	-	1	0	1	0	-	2
Chronic rheumatic heart disease	1	-	3	1	-	2	1	1	4	3	3	1	4	5	3	16
Hypertensive diseases	23	197	503	545	182	32	169	491	800	498	55	366	994	1,345	680	3,440
Acute Myocardial Infarction	8	132	445	434	126	2	19	130	217	119	10	151	575	651	245	1,632
Other Ischaemic Heart diseases	12	113	628	662	192	2	51	204	408	228	14	164	832	1,070	420	2,500
Pulmonary embolism	2	2	3	10	3	3	10	12	8	7	5	12	15	18	10	60
Conduction disorders and cardiac arrhythmias	19	62	228	439	226	19	51	161	470	436	38	113	389	909	662	2,111
Heart failure	3	12	80	128	79	-	7	38	163	123	3	19	118	291	202	633
Other heart diseases	10	37	81	112	42	10	20	46	87	67	20	57	127	199	109	512
Cerebrovascular diseases (strokes)	15	112	550	777	323	13	82	300	549	436	28	194	850	1,326	759	3,157
Diseases of arteries,arterioles and capillaries	2	16	46	65	15	7	8	15	20	26	9	24	61	85	41	220
Phlebitis, thrombophlebitis,venous embolism and thrombosis	1	19	46	40	12	5	19	34	49	25	6	38	80	89	37	250
Varicose veins of lower extremities	26	96	173	120	18	11	144	320	183	22	37	240	493	303	40	1,113
Haemorrhoids	15	57	39	34	8	24	71	36	30	7	39	128	75	64	15	321
Other Diseases of circulatory system	34	31	59	62	14	31	15	26	44	20	65	46	85	106	34	336
<b>T O T A L (Circulatory system)</b>	<b>171</b>	<b>886</b>	<b>2,885</b>	<b>3,429</b>	<b>1,240</b>	<b>162</b>	<b>667</b>	<b>1,814</b>	<b>3,032</b>	<b>2,017</b>	<b>333</b>	<b>1,553</b>	<b>4,699</b>	<b>6,461</b>	<b>3,257</b>	<b>16,303</b>



ISLAND OF MAURITIUS  
**INJURY AND POISONING**

**DISCHARGES FROM GENERAL HOSPITAL (including deaths)  
BY EXTERNAL CAUSE AND SEX - 2018**

CAUSE (I.C.D.- 10 )	DISCHARGES		
	MALE	FEMALE	TOTAL No.
Transport Accidents	1,628	474	2,102
Falls	4,089	3,164	7,253
Contact with sharp glass, knife and non-powered hand tool	163	49	212
Foreign body entering into or through eye or natural orifice	102	63	165
Exposure to other Inanimate Mechanical Forces	320	69	389
Exposure to Animate Mechanical Forces	84	75	159
Accidental Drowning and Submersion	23	19	42
Exposure to Electric Current	39	6	45
Exposure to Smoke, Fire and Flames	54	33	87
Contact With Heat and Hot Substances	87	67	154
Contact With Venomous Animals and Plants	129	54	183
Accidental Poisoning by & Exposure to Noxious Substances	609	577	1,186
Other & Unspecified accidents	1,230	685	1,915
Intentional Self-Poisoning by drugs	113	153	266
Intentional Self-Poisoning by Pesticides	31	13	44
Other Intentional Self-Harm	156	124	280
Assault	1,194	699	1,893
Poisoning of Undetermined Intent	57	46	103
Complications Of Medical and Surgical Care	761	667	1,428
Sequelae of external causes	3	2	5
<b>TOTAL</b>	<b>10,872</b>	<b>7,039</b>	<b>17,911</b>

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 - 2018  
(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)	194,453	211,382	405,835	18.3
2	Cough, pain in throat, chest pain, wheezing, hiccough, sneezing	94,859	103,362	198,221	9.0
3	Fever / pain all over	67,835	69,445	137,280	6.2
4	Superficial injury, open wound, spain/strain, fractures, burns and other injuries	59,582	43,961	103,543	4.7
5	Influenza	49,989	49,624	99,613	4.5
6	Spondylosis, neck pain, low back pain, backache	46,662	44,879	91,541	4.1
7	Abdominal and epigastric pain	43,659	47,179	90,838	4.1
8	Gastritis and duodenitis	42,960	43,970	86,930	3.9
9	Gastroenteritis and diarrhoea of presumed infectious origin	41,108	41,906	83,014	3.7
10	Sinusitis, rhinitis, nasal polyp, blocked nose	40,083	42,823	82,906	3.7
11	Rheumatism, muscular pain, myalgia, pain in limb	33,991	35,624	69,615	3.1
12	Bronchitis, emphysema, asthma	30,222	30,502	60,724	2.7
13	Malaise, fatigue, weakness, blackout, fainting and other symptoms and signs	23,867	28,881	52,748	2.4
14	Nausea and vomiting	22,259	27,105	49,364	2.2
15	Gout, arthritis, pain in joint	22,298	21,565	43,863	2.0
16	Conjunctivitis	18,647	19,175	37,822	1.7
17	Indigestion, constipation, irritable bowel syndrome, anal / rectal abscess	19,169	18,355	37,524	1.7
18	Otitis, wax in ear, earache and other diseases of the ear and mastoid process	15,609	15,487	31,096	1.4
19	Localised swelling, mass, lump of skin, rash	14,399	16,310	30,709	1.4
20	Hypertension	14,513	14,243	28,756	1.3
21	Skin abscess, boil, cellulitis, cyst, septic leg (non-diabetic)	13,856	12,880	26,736	1.2
22	Diabetes Mellitus	12,985	13,581	26,566	1.2
23	Cystitis, urinary tract infection	9,849	15,042	24,891	1.1
24	Swelling gum, gingivitis, dental caries, stomatitis, disease of lip	10,635	10,481	21,116	1.0
25	Diseases of the eye and adnexa (excluding conjunctivitis)	9,176	9,054	18,230	0.8
26	Migraine and other diseases of the nervous system	7,199	8,358	15,557	0.7
27	Helminthiasis (worms).	6,647	7,010	13,657	0.6
28	Haematuria, painful micturation, retention of urine	5,558	6,276	11,834	0.5
29	Vaginitis, bleeding PV, leukorrhoea, menstrual disorders		11,818	11,818	0.5
30	Varicose veins of lower extremities, haemorrhoids, oesophageal varices	5,414	6,375	11,789	0.5
31	Hypotension and other diseases of the circulatory system	4,441	5,310	9,751	0.4
32	Anemias	2,548	5,523	8,071	0.4
33	Alcoholism	4,746	2,504	7,250	0.3
34	Diseases of the musculoskeletal system and connective tissue	3,389	3,489	6,878	0.3
35	Pneumonia and other diseases of the respiratory system	2,658	2,995	5,653	0.3
36	Scabies	2,592	2,570	5,162	0.2
	All other causes	84,097	83,754	167,851	7.6
	<b>TOTAL</b>	<b>1,081,954</b>	<b>1,132,798</b>	<b>2,214,752</b>	<b>100.0</b>

## ISLAND OF MAURITIUS

**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 - 2018**

CHAPTER (I.C.D. 10)		FIRST ATTENDANCES *			
		MALE	FEMALE	TOTAL	
				No.	%
1.	Certain infectious & parasitic diseases	51,289	52,618	103,907	4.7
2.	Neoplasms	86	103	189	0.0
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	2,639	5,639	8,278	0.4
4.	Endocrine, nutritional & metabolic diseases	14,837	15,404	30,241	1.4
5.	Mental & behavioural disorders	5,977	3,882	9,859	0.4
6.	Diseases of the nervous system	7,199	8,358	15,557	0.7
7.	Diseases of the eye & adnexa	27,823	28,229	56,052	2.5
8.	Diseases of the ear & mastoid process	15,609	15,487	31,096	1.4
9.	Diseases of the circulatory system	24,368	25,928	50,296	2.3
10.	Diseases of the respiratory system	317,405	337,326	654,731	29.6
11.	Diseases of the digestive system	74,329	74,410	148,739	6.7
12.	Diseases of the skin & subcutaneous tissue	51,049	50,097	101,146	4.6
13.	Diseases of the musculoskeletal system & connective tissue	106,340	105,557	211,897	9.6
14.	Diseases of the genitourinary system	10,503	27,644	38,147	1.7
15.	Pregnancy, childbirth & the puerperium		258	258	0.0
16.	Certain conditions originating in the perinatal period	35	39	74	0.0
17.	Congenital malformations, deformations & chromosomal abnormalities	1,902	2,499	4,401	0.2
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	310,077	334,318	644,395	29.1
19.	Injury, poisoning & certain other consequences of external causes	60,487	45,002	105,489	4.8
<b>TOTAL</b>		<b>1,081,954</b>	<b>1,132,798</b>	<b>2,214,752</b>	<b>100.0</b>

\* based on the Monthly Return of Sick Treated received  
Refer to page 54 for statistics on attendances by health centre

## CASES # TREATED AS IN-PATIENTS AT S. BHARATI (EYE) HOSPITAL - 2018

CAUSE (I.C.D. 10)	NUMBER OF CASES *				NUMBER OPERATED UPON		
	MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL
			No	%			
Chalazion	3	8	11	0.1	2	7	9
Other disorders of eyelid	27	37	64	0.8	18	26	44
Disorders of lacrimal system	14	59	73	0.9	9	35	44
Disorders of orbit	5	6	11	0.1	3	1	4
Disorders of conjunctiva	16	9	25	0.3	2	3	5
Keratitis	112	80	192	2.3	3	6	9
Other disorders of sclera and cornea	75	50	125	1.5	22	22	44
Iridocyclitis	53	42	95	1.1	4	5	9
Other disorders of iris and ciliary body	26	16	42	0.5	13	8	21
Cataract	2,381	3,061	5,442	63.9	2,295	2,985	5,280
Other disorders of lens	51	39	90	1.1	45	35	80
Disorders of choroid	2	7	9	0.1	-	-	-
Disorders of retina	183	185	368	4.3	165	158	323
Glaucoma	199	159	358	4.2	70	65	135
Disorders of vitreous body and globe	255	161	416	4.9	215	135	350
Disorders of optic nerve and visual pathways	28	32	60	0.7	1	1	2
Disorders of ocular muscles, binocular movement, accommodation and refraction	20	15	35	0.4	16	11	27
Visual disturbances and blindness	11	10	21	0.2	0	0	0
Ocular pain	0	2	2	0.0	0	0	0
Other diseases of eye and adnexa	47	48	95	1.1	20	13	33
Cancer and other neoplasms	4	1	5	0.1	3	1	4
Congenital diseases of eye	3	-	3	0.0	3	0	3
Burn and corrosion	3	8	11	0.1	-	-	0
Injuries and other consequences of external causes	477	218	695	8.2	202	66	268
Surgical follow up care, examination and other non-morbid factors	139	121	260	3.1	128	106	234
Other diseases	1	2	3	0.0	-	1	1
<b>TOTAL</b>	<b>4,135</b>	<b>4,376</b>	<b>8,511</b>	<b>100.0</b>	<b>3,239</b>	<b>3,690</b>	<b>6,929</b>

\* including number operated upon

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

**CASES TREATED AS IN-PATIENTS AT POUFRE D'OR (CHEST) HOSPITAL – 2018**

DISEASE (I.C.D. 10)	DEATHS			DISCHARGES* (INC. DEATHS)			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
						No.	%
Pulmonary tuberculosis	5	-	5	81	48	129	24.1
Pulmonary fibrosis	1	-	1	10	2	12	2.2
Other Respiratory tuberculosis	-	-	-	-	-	-	0.0
Tuberculosis of Bones and Joints	-	-	-	-	-	-	0.0
Other tuberculosis	-	-	-	1	1	2	0.4
Miliary tuberculosis	-	-	-	-	-	-	0.0
Cancer of bronchus & lung	7	1	8	11	13	24	4.5
Cancer of other respiratory and Intrathoracic orga	-	-	-	-	-	-	0.0
Pneumonia	1	-	1	8	5	13	2.4
Acute bronchitis	-	-	-	-	1	1	0.2
Chronic Bronchitis	-	-	-	-	-	-	0.0
Bronchitis not elsewhere specified	-	-	-	1	1	2	0.4
Emphysema	-	-	-	-	1	1	0.2
Asthma	-	-	-	18	45	63	11.8
Bronchiectasis	-	-	-	3	24	27	5.0
Alveolitis	-	-	-	2	-	2	0.4
Abscess of lung and mediastinum	-	-	-	7	0	7	1.3
Emphyema	-	-	-	-	-	-	0.0
Pleurisy without mention of tuberculosis	1	-	1	25	7	32	6.0
HIV with pulmonary tuberculosis	-	-	-	19	1	20	3.7
HIV with pneumonia	-	-	-	-	-	-	0.0
HIV with other respiratory infections	-	-	-	3	1	4	0.7
HIV with other infections or diseases	-	-	-	-	-	-	0.0
Other diseases of the respiratory system	8	3	11	121	67	188	35.1
Other diseases	-	-	-	5	3	8	1.5
<b>TOTAL</b>	<b>23</b>	<b>4</b>	<b>27</b>	<b>315</b>	<b>220</b>	<b>535</b>	<b>100.0</b>

\* 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 – 2018**

DISEASE	MALE	FEMALE	TOTAL	
			No.	%
Pulmonary tuberculosis	63	46	109	9.3
Pulmonary fibrosis	2	3	5	0.4
Other respiratory tuberculosis	-	-	-	0.0
Tuberculosis of bones and joints	2	3	5	0.4
Other tuberculosis	5	6	11	0.9
Miliary tuberculosis	-	-	-	0.0
Cancer of lung & bronchus	5	4	9	0.8
Cancer of other respiratory and intrathoracic orga	-	1	1	0.1
Pneumonias	4	7	11	0.9
Acute bronchitis	2	5	7	0.6
Chronic bronchitis	3	6	9	0.8
Bronchitis not otherwise specified	22	31	53	4.5
Emphysema	-	-	-	0.0
Asthma	113	181	294	25.1
Bronchiectasis	3	3	6	0.5
Abscess of lung and mediastinum	12	5	17	1.5
Emphyema	-	-	-	0.0
Pleurisy, without mention of tuberculosis	13	10	23	2.0
HIV with pulmonary tuberculosis	14	1	15	1.3
HIV with pneumonia	-	-	-	0.0
HIV with other respiratory infections	0	1	1	0.1
HIV with infections or diseases	0	-	0	0.0
Other diseases of the respiratory system	163	99	262	22.4
Other/ Illdefined diseases	-	1	1	0.1
Patients on Chemoprophylaxis	194	137	331	28.3
<b>Total cases diagnosed (First attendances)</b>	<b>620</b>	<b>550</b>	<b>1,170</b>	<b>100.0</b>
<b>SUBSEQUENT ATTENDANCES</b>	5,047	5,247	10,294	
<b>TOTAL</b>	<b>5,667</b>	<b>5,797</b>	<b>11,464</b>	

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

## CASES TREATED AS IN-PATIENTS AT BROWN SEQUARD PSYCHIATRIC HOSPITAL - 2018

CAUSE (I.C.D. 10)	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Dementia	32	1.4	18	1.4	50	1.4
Epileptic Psychosis NOS	37	1.6	21	1.7	58	1.6
Unspecified mental disorders due to brain damage and dysfunction and to physical disease	2	0.1	-	0.0	2	0.1
Mental and behavioural disorders due to use of alcohol*	299	13.0	40	3.1	339	9.5
Mental and behavioural disorders due to use of opioids/cannabinoids	5	0.2	-	0.0	5	0.1
Mental and behavioural disorders due to use and use of volatile solvents	0	0.0	-	0.0	0	0.0
Mental and behavioural disorders due to multiple drug use and use of other psychoactive substances	506	21.9	20	1.6	526	14.7
Schizophrenia	605	26.2	486	38.2	1,091	30.5
Delusional disorder	8	0.3	7	0.6	15	0.4
Acute psychotic episode	73	3.2	52	4.1	125	3.5
Schizoaffective psychosis NOS	14	0.6	17	1.3	31	0.9
Psychosis unspecified	109	4.7	80	6.3	189	5.3
Hypomania	7	0.3	1	0.1	8	0.2
Bipolar affective disorder	115	5.0	121	9.5	236	6.6
Depressive episode	162	7.0	215	16.9	377	10.5
Persistent mood disorders	2	0.1	-	0.0	2	0.1
Anxiety disorders	12	0.5	11	0.9	23	0.6
Obsessive compulsive disorder	2	0.1	1	0.1	3	0.1
Dissociative (conversion) disorders	2	0.1	-	0.0	2	0.1
Puerperal psychosis NOS	-	0.0	7	0.6	7	0.2
Mental retardation	96	4.2	51	4.0	147	4.1
Conduct disorders	110	4.8	62	4.9	172	4.8
Parkinsonism	-	0.0	-	0.0	0	0.0
Alzheimer	1	0.0	1	0.1	2	0.1
Degenerative disease of nervous system, unspecified	-	0.0	-	0.0	0	0.0
Grand mal seizures, unspecified (with or without petit mal)	5	0.2	3	0.2	8	0.2
Epilepsy, unspecified	21	0.9	8	0.6	29	0.8
Sleep disorders	-	0.0	-	0.0	0	0.0
Other mental & behavioural causes	34	1.5	27	2.1	61	1.7
Other causes	48	2.1	23	1.8	71	2.0
<b>TOTAL</b>	<b>2,307</b>	<b>100.0</b>	<b>1,272</b>	<b>100.0</b>	<b>3,579</b>	<b>100.0</b>

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

ISLAND OF MAURITIUS  
**QUARTERLY DISTRIBUTION OF NEW CASES DIAGNOSED AT OUT-PATIENT  
SPECIALIST CLINICS IN DERMATOLOGY - 2018**

DISEASE		FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	TOTAL	
						NUMBER	%
ACNE		168	177	176	163	684	4.9
BULLOUS DERMATOSIS	<i>Pemphigus</i>	13	7	3	13	36	0.3
	<i>Pemphigoid</i>	14	6	5	3	28	0.2
	<i>D. Herpetiformis</i>	0	1	0	2	3	0.0
CONGENITAL ANOMALIES OF THE TEGUMENT		41	51	41	46	179	1.3
CORNS AND CALLOSITIES		75	115	90	137	417	3.0
DISEASES OF CONNECTIVE TISSUE	<i>Lupus Erythematosus</i>	10	11	3	6	30	0.2
	<i>Scleroderma</i>	4	5	0	0	9	0.1
DISEASES OF NAIL AND HAIR		187	244	173	215	819	5.8
DISORDERS OF PIGMENTATION	<i>Vitiligo</i>	72	63	89	59	283	2.0
	<i>Melanosis of face</i>	79	69	68	85	301	2.1
	<i>Other</i>	16	27	18	23	84	0.6
DRUG INDUCED DERMATOSIS		44	33	69	26	172	1.2
ECZEMA	<i>Atopic dermatitis</i>	163	131	160	186	640	4.6
	<i>Contact dermatitis:</i>						
	industrial origin	50	114	116	101	381	2.7
	other origin	194	204	175	190	763	5.4
	<i>Stasis eczema</i>	56	132	142	103	433	3.1
LICHEN PLANUS		50	53	42	41	186	1.3
NEOPLASM OF SKIN	<i>Malignant</i>	6	8	15	10	39	0.3
	<i>Benign</i>	64	41	73	37	215	1.5
PHOTODERMATITIS		122	86	144	161	513	3.7
PSORIASIS AND SIMILAR DISORDERS		262	285	244	315	1,106	7.9
ROSACEA		41	97	91	49	278	2.0
SEBORRHEIC DERMATITIS		173	194	213	154	734	5.2
SKIN INFECTIONS	<i>Fungal</i>	438	419	297	374	1,528	10.9
	<i>Parasitic</i>	124	208	207	127	666	4.8
	<i>Pyococcal</i>	127	111	96	129	463	3.3
	<i>Viral</i>	210	233	136	182	761	5.4
ULCER OF LOWER LIMBS		55	56	64	55	230	1.6
URTICARIA		175	92	125	95	487	3.5
ALL OTHER DISEASES		295	478	385	391	1,549	11.1
TOTAL		<b>3,328</b>	<b>3,751</b>	<b>3,460</b>	<b>3,478</b>	<b>14,017</b>	<b>100.0</b>

**NEW CASES<sup>#</sup> DIAGNOSED AT OUT-PATIENT CLINICS SPECIALISED IN ENT IN 2018**

DISEASE	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	TOTAL		
					NUMBER	%	
<b>E A R</b>	Acute non-suppurative otitis media	60	49	35	26	170	2.0
	Acute suppurative otitis media	24	37	38	76	175	2.1
	Chronic tubotympanic suppurative otitis media	106	63	55	85	309	3.7
	Chronic atticoantral suppurative otitis media	24	46	40	52	162	1.9
	Unspecified chronic suppurative otitis media	6	2	15	14	37	0.4
	Otitis externa	112	95	241	107	555	6.7
	Impacted cerumen	28	80	71	45	224	2.7
	Tinnitus	116	132	142	211	601	7.2
	Conductive deafness	44	44	46	31	165	2.0
	Sensorineural deafness	164	185	164	214	727	8.7
	Eustachian tube disorders	22	78	22	26	148	1.8
	Foreign body in ear	36	15	53	47	151	1.8
	Ear injury	28	46	40	40	154	1.8
	All other diseases and conditions of ear	6	22	16	2	46	0.6
<b>N O S E</b>	Acute nasopharyngitis	10	32	13	21	76	0.9
	Sinusitis (acute) (chronic)	225	149	137	102	613	7.4
	Allergic rhinitis	283	244	288	252	1,067	12.8
	Epistaxis	100	59	117	95	371	4.4
	Nasal polyps	44	81	71	140	336	4.0
	Deflected nasal septum	8	44	27	48	127	1.5
	Foreign body in nose	14	12	27	24	77	0.9
	Fracture of nasal bone	72	88	75	81	316	3.8
	All other diseases and conditions of nose	0	7	2	10	19	0.2
<b>T H R O A T</b>	Acute tonsillitis	46	120	84	128	378	4.5
	Chronic tonsillitis	156	168	146	145	615	7.4
	Hypertrophy of tonsils and adenoids	28	17	27	10	82	1.0
	Pharyngitis (acute) (chronic) (granular)	76	44	64	67	251	3.0
	Laryngitis (acute) (chronic)	52	46	66	59	223	2.7
	Tongue tie	0	17	2	5	24	0.3
	Foreign body in throat	36	17	9	19	81	1.0
	All other diseases and conditions of throat	4	17	13	2	36	0.4
Other diseases and conditions (including neoplasm)	10	5	2	7	24	0.3	
<b>TOTAL</b>	<b>1,940</b>	<b>2,061</b>	<b>2,148</b>	<b>2,191</b>	<b>8,340</b>	<b>100.0</b>	

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



**CASES TREATED AS IN-PATIENTS AT E.N.T HOSPITAL # - 2018**

Causes (ICD-10)	Male	Female	Total	
			No.	%
Cancer and other neoplasm	31	9	40	1.2
Otitis externa and other disorders of external ears	22	28	50	1.4
Suppurative and unspecified otitis media	9	19	28	0.8
Hearing loss	48	37	85	2.4
Otalgia and effusion of ear	107	128	235	6.8
Other diseases of the ear and mastoid	9	13	22	0.6
Acute pharyngitis	200	204	404	11.6
Acute tonsillitis	397	487	884	25.4
Sinusitis	37	33	70	2.0
Nasal polyp and other disorders of nose and nasal sinuses	63	38	101	2.9
Peritonsillar abscess	33	14	47	1.4
Other diseases of the respiratory system	17	17	34	1.0
Epistaxis (Haemorrhage from nose)	51	38	89	2.6
Dysphagia (Difficulty from swallowing)	61	63	124	3.6
Localised swelling mass and lump of skin and subcutaneous tissue mainly of head and neck	157	120	277	8.0
Diseases of oral cavity, salivary glands & jaws	105	66	171	4.9
Delayed Speech	3	0	3	0.1
Voices disturbances	56	23	79	2.3
Headache including facial pains	29	36	65	1.9
Foreign body in ear	22	11	33	0.9
Foreign body in nostril, pharynx and other respiratory tract	77	110	187	5.4
Foreign body in alimentary tract	2	0	2	0.1
Fracture of skull and facial bones	46	8	54	1.6
Injury and other consequences of external causes	64	54	118	3.4
Other causes	162	111	273	7.9
<b>TOTAL</b>	<b>1,808</b>	<b>1,667</b>	<b>3,475</b>	<b>100.0</b>

**OPERATIONS PERFORMED ON IN-PATIENTS AT E.N.T. HOSPITAL # - 2018**

Operations / Procedures	Male	Female	Total	
			No.	%
Application, insertion or removal procedures on external ear/NOSE	23	15	38	3.3
Other procedures on ear and mastoid processes	114	109	223	19.2
Examination and other procedures on nose	35	15	50	4.3
Application, insertion or removal procedures on nasal sinuses	4	5	9	0.8
Other procedures on nasal sinuses	24	22	46	4.0
Oral surgery	18	12	30	2.6
Excision and other procedures on mouth	30	14	44	3.8
Excision on tonsils and adenoids	187	225	412	35.5
Procedures on pharynx	15	13	28	2.4
Procedures on larynx	38	16	54	4.7
Procedures on other respiratory system	20	7	27	2.3
Examination and other procedures on oesophagus	34	59	93	8.0
Reduction of fracture of facial bone	18	2	20	1.7
Dermatological and plastic procedures	31	11	42	3.6
Diagnostic and therapeutic intervention	1	0	1	0.1
Other procedures	27	15	42	3.6
<b>TOTAL</b>	<b>619</b>	<b>540</b>	<b>1,159</b>	<b>100.0</b>

# 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<sup>#</sup> - 2018

Causes (ICD -10)	Cases treated			
	Male	Female	Total	%
Rheumatic fever with heart involvement	2	2	4	0.1
Mitral stenosis	0	7	7	0.2
Other rheumatic mitral valve diseases	17	36	53	1.9
Other chronic rheumatic heart diseases	0	0	0	0.0
Double valve diseases	1	3	4	0.1
Angina pectoris	851	516	1,367	48.1
Acute Myocardial infarction	208	73	281	9.9
Chronic ischaemic heart diseases	695	225	920	32.4
Nonrheumatic mitral valve disorders	1	0	1	0.0
Nonrheumatic aortic valve disorders	11	25	36	1.3
Pulmonary valve disorders	1	0	1	0.0
Left ventricular and other heart failure	2	0	2	0.1
Cardiac septal defect	21	49	70	2.5
Other heart diseases	11	13	24	0.8
Cerebrovascular diseases	1	0	1	0.0
Peripheral vascular disease	0	0	0	0.0
Arteriovenous fistula acquired	0	0	0	0.0
Other diseases of the circulatory system	2	0	2	0.1
Congenital malformations of the heart and other circulatory system	15	23	38	1.3
Other causes	16	13	29	1.0
Total	1,855	985	2,840	100.0

NB:a total of 819 Cardiac Surgeries have been performed (including 395 at Candos) .

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

**REPORTED CASES OF CERTAIN SEXUALLY TRANSMITTED INFECTION DIAGNOSED AT SKIN DISEASE CLINICS OF GOVERNMENT HOSPITALS- 2018**

CAUSE	Under 20 years		20 -29 years		30 - 39 years		40 - 49 years		50 years & over		ALL AGES		Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Gonococcal infections	19	1	67	5	26	4	8	-	12	-	132	10	142
Venereal warts	3	7	19	21	13	10	10	8	6	3	51	49	100
Syphilis	18	33	65	64	33	32	18	5	21	3	155	137	292
Herpes simplex	-	2	3	9	4	1	4	-	-	-	11	12	23
Other and unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>40</b>	<b>43</b>	<b>154</b>	<b>99</b>	<b>76</b>	<b>47</b>	<b>40</b>	<b>13</b>	<b>39</b>	<b>6</b>	<b>349</b>	<b>208</b>	<b>557</b>

**ATTENDANCE AT THE NATIONAL DAY CARE CENTRES\* FOR THE IMMUNO-SUPPRESSED - 2018**

HIV/AIDS cases seen for treatment (first attendances)	MALE	FEMALE	TOTAL
Under 10 years	2	5	7
10-19 years	2	13	15
20-29 years	43	35	78
30-39 years	73	31	104
40-49 years	48	18	66
50-59 years	25	9	34
60 years & over	14	2	16
<b>A. Total first attendances</b>	<b>207</b>	<b>113</b>	<b>320</b>
<b>B. Subsequent attendances of HIV/AIDS cases for treatment/follow-up</b>	<b>12,282</b>	<b>4,702</b>	<b>16,984</b>
<b>Total attendances for treatment</b>	<b>12,489</b>	<b>4,815</b>	<b>17,304</b>
<i>Attendances of patients on ARV treatment (included above)</i>	<i>9,679</i>	<i>3,885</i>	<i>13,564</i>
C. PMTCT	2	63	65
D. Post -HIV Exposure Prophylaxis	293	174	467
E. Voluntary counselling	2,093	2,734	4,827
F. Police Case	34	36	70
G. Visa purpose	13	3	16
H. Screening (expatriates)	4,048	618	4,666
I. Other (premarital, medical purpose <sup>@</sup> , etc)	77	1	78
<b>Total attendances</b>	<b>19,049</b>	<b>8,444</b>	<b>27,493</b>

\* 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 2018, there were 3,741 patients on ARV in Mauritius, including 293 in prisons

## Island of Mauritius

**Cases of occupational and work related diseases diagnosed during screening sessions at Government Occupational Health Clinics 2018**

<b>Condition</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
Diseases caused by chemical agents	11	-	11
Diseases caused by physical agents	-	-	-
Biological agents	-	-	-
Occupational respiratory diseases	26	7	33
Occupational skin diseases	15	5	20
Occupational musculo-skeletal disorders	26	14	40
Occupational cancer	-	-	-
Others	1	-	1
<b>Total (cases diagnosed)</b>	<b>79</b>	<b>26</b>	<b>105</b>
Attendances at screening sessions:			
First attendances	2,871	1,167	4,038
Subsequent attendances	7,316	2,979	10,295
<b>TOTAL ATTENDANCES</b>	<b>10,187</b>	<b>4,146</b>	<b>14,333</b>
Pre employment medical fitness examinations			
Number of persons examined	5,206	3,856	9,062

## CAUSES @ OF ATTENDANCES\* AT GOVERNMENT AYURVEDIC (OUT-PATIENT) CLINICS – 2018

CAUSES			TOTAL	%
TYPE OF DISEASE	AYURVEDIC TERMS			
1	Diseases of skeletal/osseous system	Asthi Vaha Srotas	13,842	18.9
2	Diseases related to blood and plasma	Rasa Vaha Srotas	668	0.9
3	Symptoms involving head and neck	Urdhwa Jatrugataroga	6,157	8.4
4	Gastritis and other diseases of digestive system	Annavaha Srotas	8,235	11.2
5	Diabetes mellitus	Madhumeha rogas	7,743	10.6
6	Diseases of adipose system	Medho Vaha Srotas	4,509	6.1
7	Diseases of haemopoitic system	Rakta Vaha Srotas	11,642	15.9
9	Diseases of respiratory system	Pranavaha Srotas	4,143	5.7
10	Mental disorder	Mano Vaha Srotas	3,184	4.3
11	Diseases of muscular System	Mamsagata Vaha Srotas	2,057	2.8
12	Hypertensive diseases	Uccha Raktachapa Dab	3,965	5.4
13	Paralysis tremors, neuritis and other diseases of the nervous system	Vata Vikara	2,411	3.3
14	Urinary Disorder	Mutra vaha Srotas	1,293	1.8
15	Common gynaecological disorders	Artava Srotas	604	0.8
16	Diseases of reproductive system	Sukra Vaha Srotas	720	1.0
17	Common pediatric diseases	Balaroga	559	0.8
18	Diseases of body fluids system	Udhakavahas Srotas	821	1.1
19	Other diseases		773	1.1
<b>TOTAL</b>			<b>73,326</b>	<b>100.0</b>

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

\* New and follow-up cases

## NUMBER OF ATTENDANCES

	MALE	FEMALE	TOTAL
BELVEDERE MEDI CLINIC	1,952	3,690	5,642
L'ESCALIER MEDI CLINIC	3,369	6,866	10,235
SSRN HOSPITAL	4,567	6,830	11,397
VICTORIA HOSPITAL	3,404	7,610	11,014
LA SOURCE FLACQ	1,615	3,979	5,594
PLAINE VERTE	1,330	2,700	4,030
<b>TOTAL</b>	<b>16,237</b>	<b>31,675</b>	<b>47,912</b>

REPUBLIC OF MAURITIUS  
NEW CASES OF CANCER REGISTERED \*– 2017

SITE OF TUMOUR (ICD -10)	MALE		FEMALE		TOTAL	
	Number	%	Number	%	Number	%
Hypopharynx, oropharynx and nasopharynx	12	1.2	2	0.1	14	0.6
Tongue	16	1.6	14	0.9	30	1.2
Salivary glands	1	0.1	2	0.1	3	0.1
Mouth	12	1.2	14	0.9	26	1.1
Other & ill-defined sites of lip, oral cavity and pharynx	9	0.9	1	0.1	10	0.4
<b>TOTAL LIP, ORAL CAVITY AND PHARYNX</b>	<b>50</b>	<b>5.1</b>	<b>33</b>	<b>2.2</b>	<b>83</b>	<b>3.4</b>
Stomach	51	5.2	29	1.9	80	3.3
Oesophagus	15	1.5	20	1.3	35	1.4
Colon	44	4.5	70	4.7	114	4.6
Rectum	65	6.7	29	1.9	94	3.8
Gall bladder	1	0.1	7	0.5	8	0.3
Liver and intra-hepatic bile ducts	43	4.4	54	3.6	97	3.9
Pancreas	18	1.8	43	2.9	61	2.5
Other & ill-defined sites of digestive organs	3	0.3	14	0.9	17	0.7
<b>TOTAL DIGESTIVE ORGANS</b>	<b>240</b>	<b>24.7</b>	<b>266</b>	<b>17.9</b>	<b>506</b>	<b>20.6</b>
Trachea, bronchus and lung	89	9.1	56	3.8	145	5.9
Larynx	24	2.5	2	0.1	26	1.1
Other & ill-defined sites of respiratory system	0	0.0	2	0.1	2	0.1
<b>TOTAL RESPIRATORY SYSTEM</b>	<b>113</b>	<b>11.6</b>	<b>60</b>	<b>4.0</b>	<b>173</b>	<b>7.0</b>
<b>TOTAL BONES, JOINTS AND ARTICULAR CARTILAGE</b>	<b>4</b>	<b>0.4</b>	<b>3</b>	<b>0.2</b>	<b>7</b>	<b>0.3</b>
Lymphomas	24	2.5	31	2.1	55	2.2
Leukaemias	23	2.4	25	1.7	48	2.0
Multiple Myelomas	11	1.1	15	1.0	26	1.1
Other	7	0.7	7	0.5	14	0.6
<b>TOTAL HAEMATOLOGICAL MALIGNANCIES</b>	<b>65</b>	<b>6.7</b>	<b>78</b>	<b>5.2</b>	<b>143</b>	<b>5.8</b>
<b>TOTAL SKIN</b>	<b>66</b>	<b>6.8</b>	<b>39</b>	<b>2.6</b>	<b>105</b>	<b>4.3</b>
<b>TOTAL CONNECTIVE, SUBCUTANEOUS &amp; SOFT TISSUES</b>	<b>13</b>	<b>1.3</b>	<b>15</b>	<b>1.0</b>	<b>28</b>	<b>1.1</b>
<b>TOTAL BREAST</b>	<b>7</b>	<b>0.7</b>	<b>583</b>	<b>39.2</b>	<b>590</b>	<b>24.0</b>
Cervix uteri			64	4.3	64	2.6
Ovary			57	3.8	57	2.3
Corpus uteri			46	3.1	46	1.9
Vagina and vulva			15	1.0	15	0.6
Other & ill-defined sites of female genital organs			41	2.8	41	1.7
<b>TOTAL FEMALE GENITAL ORGANS</b>			<b>223</b>	<b>15.0</b>	<b>223</b>	<b>9.1</b>
Prostate gland	203	20.9			203	8.2
Testis	19	2.0			19	0.8
Other and ill-defined sites of male genital organs	4	0.4			4	0.2
<b>TOTAL MALE GENITAL ORGANS</b>	<b>226</b>	<b>23.2</b>			<b>226</b>	<b>9.2</b>
Bladder	55	5.7	13	0.9	68	2.8
Kidney, pelvis and ureter	21	2.2	9	0.6	30	1.2
<b>TOTAL URINARY TRACT</b>	<b>76</b>	<b>7.8</b>	<b>22</b>	<b>1.5</b>	<b>98</b>	<b>4.0</b>
Brain, meninges and other sites of Central Nervous System	13	1.3	13	0.9	26	1.1
Eye and adnexa	0	0.0	0	0.0	0	0.0
<b>TOTAL EYE &amp; CENTRAL NERVOUS SYSTEM</b>	<b>13</b>	<b>1.3</b>	<b>13</b>	<b>0.9</b>	<b>26</b>	<b>1.1</b>
Thyroid gland	3	0.3	21	1.4	24	1.0
Other endocrine glands	0	0.0	0	0.0	0	0.0
<b>TOTAL ENDOCRINE GLANDS</b>	<b>3</b>	<b>0.3</b>	<b>21</b>	<b>1.4</b>	<b>24</b>	<b>1.0</b>
<b>ALL OTHER SITES</b>	<b>97</b>	<b>10.0</b>	<b>132</b>	<b>8.9</b>	<b>229</b>	<b>9.3</b>
<b>GRAND TOTAL (ALL SITES)</b>	<b>973</b>	<b>100</b>	<b>1,488</b>	<b>100</b>	<b>2,461</b>	<b>100</b>

\* Source - Mauritius National Cancer Registry - Annual Report 2017

## ISLAND OF MAURITIUS

**CASES TREATED AS IN-PATIENTS AT THE NEONATAL INTENSIVE CARE UNITS \* - 2018**

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

CAUSE (ICD-10 Classifications)	NUMBER OF CASES <sup>@</sup>			OF WHOM PASSED AWAY <sup>@</sup>		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Disorders related to length of gestation and fetal growth.	83	85	168	27	33	60
Respiratory and cardiovascular disorders specific to the perinatal period.	46	27	73	7	8	15
Infections specific to the perinatal period.	42	28	70	9	7	16
Birth trauma	3	3	6	1	-	1
Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery.	2	3	5	-	-	-
Haemorrhagic and haematological disorders of fetus and newborn.	13	10	23	-	1	1
Transitory endocrine and metabolic disorders specific to fetus and newborn	7	8	15	-	-	-
Digestive system disorders of fetus and newborn	2	1	3			
Other disorders originating in the perinatal period.	9	9	18	-	1	1
Congenital malformation of the nervous system	1	2	3	-	-	-
Congenital malformations of the circulatory system.	3	6	9	2	1	3
Congenital malformations of digestive system.	2	3	5	-	-	-
Congenital malformation and deformities of the musculoskeletal	3	5	8	-	-	-
Other congenital malformations	3	2	5	2	2	4
Diseases of respiratory system.	1	-	1	-	-	-
Other diseases	2	2	4	-	-	-
<b>TOTAL</b>	<b>222</b>	<b>194</b>	<b>416</b>	<b>48</b>	<b>53</b>	<b>101</b>

\* 5 Regional Hospitals

<sup>@</sup> based on data obtained from the Health Records Division

## ISLAND OF MAURITIUS

**INFANT DEATHS BY SEX AND DETAILED AGE - 2018**

AGE AT DEATH	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Under 1 day	7	8.0	10	12.5	17	10.1
1 day	8	9.1	8	10.0	16	9.5
2 days	4	4.5	8	10.0	12	7.1
3 days	6	6.8	8	10.0	14	8.3
4 days	7	8.0	3	3.8	10	6.0
5 days	5	5.7	2	2.5	7	4.2
6 days	5	5.7	2	2.5	7	4.2
Sub-total 0 - 6 days	42	47.7	41	51.3	83	49.4
7 - 13 days	12	13.6	9	11.3	21	12.5
14 - 20 days	8	9.1	3	3.8	11	6.5
21 - 27 days	7	8.0	6	7.5	13	7.7
Sub-total 0 - 27 days	69	78.4	59	73.8	128	76.2
28 - 59 days	9	10.2	7	8.8	16	9.5
2 months	6	6.8	3	3.8	9	5.4
3 months	1	1.1	3	3.8	4	2.4
4 months	1	1.1	2	2.5	3	1.8
5 months	1	1.1	-	0.0	1	0.6
Sub-total under 6 months	87	98.9	74	92.5	161	95.8
6 months	-	0.0	1	1.3	1	0.6
7 months	-	0.0	2	2.5	2	1.2
8 months	1	1.1	1	1.3	2	1.2
9 months	-	0.0	1	1.3	1	0.6
10 months	-	0.0	1	1.3	1	0.6
11 months	-	0.0	-	0.0	-	0.0
<b>TOTAL UNDER ONE YEAR</b>	<b>88</b>	<b>100.0</b>	<b>80</b>	<b>100.0</b>	<b>168</b>	<b>100.0</b>



ISLAND OF MAURITIUS  
**BREAKDOWN OF INFANT DEATHS BY CAUSES AND SEX - 2018**

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	1	-	1	2.5
Acute Bronchitis and Acute Bronchiolitis	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	1	2	3	7.5
Asthma	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
Pneumonia	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	1	3	4	10.0
Congenital anomalies	12	5	17	20.5	2	4	6	13.3	14	9	23	18.0	4	1	5	12.5
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	4	5	9	10.8	-	-	-	0.0	4	5	9	7.0	1	-	1	2.5
Intrauterine Hypoxia and birth asphyxia	4	5	9	10.8	2	-	2	4.4	6	5	11	8.6	-	-	-	0.0
Septicaemia and infections specific to the perinatal period	2	1	3	3.6	7	5	12	26.7	9	6	15	11.7	3	3	6	15.0
Neonatal haemorrhage	2	-	2	2.4	-	-	-	0.0	2	-	2	1.6	-	-	-	0.0
Birth Trauma	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
Disseminated intravascular coagulation in newborn	2	2	4	4.8	3	1	4	8.9	5	3	8	6.3	-	-	-	0.0
Sudden Infant Death Syndrome	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	4	1	5	12.5
Ingestion of food causing suffocation	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
All other causes	16	23	39	47.0	13	8	21	46.7	29	31	60	46.9	4	11	15	37.5
TOTAL	42	41	83	100.0	27	18	45	100.0	69	59	128	100.0	19	21	40	100.0

ISLAND OF MAURITIUS  
**SELECTED CAUSES OF INFANT DEATHS - 2018**

CAUSE (I.C.D. 10 )	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Diarrhoea and gastroenteritis of presumed infectious origin	-	-	-	0.0
Meningitis	1	-	1	0.6
Acute Bronchitis and Acute Bronchiolitis	1	2	3	1.8
Asthma	-	-	-	0.0
Pneumonia	1	3	4	2.4
Congenital anomalies	18	10	28	16.7
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	5	5	10	6.0
Intrauterine Hypoxia and birth asphyxia	6	5	11	6.5
Septicaemia and infections specific to the perinatal period	12	9	21	12.5
Neonatal haemorrhage	2	-	2	1.2
Birth Trauma	-	-	-	0.0
Disseminated intravascular coagulation in newborn	5	3	8	4.8
Sudden Infant Death Syndrome	4	1	5	3.0
Ingestion of food causing suffocation	-	-	-	0.0
All other causes *	33	42	75	44.6
TOTAL	88	80	168	100.0

**SELECTED CAUSES OF DEATHS AMONG CHILDREN AGED 0-4 YEARS - 2018**

CAUSE (I.C.D. 10 )	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Diarrhoea and gastroenteritis of presumed infectious origin	1	-	1	0.5
Meningitis	2	-	2	1.0
Acute Bronchitis and Acute Bronchiolitis	1	4	5	2.5
Asthma	-	1	1	0.5
Pneumonia	2	3	5	2.5
Congenital anomalies	22	11	33	16.6
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	5	5	10	5.0
Intrauterine Hypoxia and birth asphyxia	6	5	11	5.5
Septicaemia and infections specific to the perinatal period	12	9	21	10.6
Neonatal haemorrhage	2	-	2	1.0
Birth Trauma	-	-	-	0.0
Disseminated intravascular coagulation in newborn	5	3	8	4.0
Sudden Infant Death Syndrome	4	1	5	2.5
Ingestion of food causing suffocation	1	-	1	0.5
Accidents	3	2	5	2.5
Drowning	2	-	2	1.0
All other causes *	38	49	87	43.7
TOTAL	106	93	199	100.0

\* including pulmonary haemorrhage (11 deaths) and respiratory distress (24 deaths)

## ISLAND OF MAURITIUS

## DEATHS (ALL AGES) BY CHAPTER OF THE INTERNATIONAL CLASSIFICATION OF DISEASES AND SEX - 2018

CAUSE ( ICD - 10 )	DEATHS					
	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
1. Certain infectious & parasitic diseases	172	3.0	70	1.5	242	2.3
2. Neoplasms	659	11.4	692	14.7	1,351	12.8
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	34	0.6	48	1.0	82	0.8
4. Endocrine, nutritional & metabolic diseases	1,179	20.3	1,058	22.4	2,237	21.3
5. Mental & behavioural disorders	75	1.3	6	0.1	81	0.8
6. Diseases of the nervous system	101	1.7	56	1.2	157	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	1,991	34.3	1,703	36.1	3,694	35.1
10. Diseases of the respiratory system	677	11.7	556	11.8	1,233	11.7
11. Diseases of the digestive system	244	4.2	108	2.3	352	3.3
12. Diseases of the skin & subcutaneous tissue	27	0.5	30	0.6	57	0.5
13. Diseases of the musculoskeletal system & connective tissue	2	0.0	14	0.3	16	0.2
14. Diseases of the genitourinary system	94	1.6	92	1.9	186	1.8
15. Pregnancy, childbirth & the puerperium	-	-	5	0.1	5	0.0
16. Certain conditions originating in the perinatal period	59	1.0	51	1.1	110	1.0
17. Congenital malformations, deformations & chromosomal abnormalities	25	0.4	13	0.3	38	0.4
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	53	0.9	93	2.0	146	1.4
19 & Injury, poisoning & certain other 20 consequences of external causes	407	7.0	127	2.7	534	5.1
<b>TOTAL</b>	<b>5,799</b>	<b>100.0</b>	<b>4,722</b>	<b>100.0</b>	<b>10,521</b>	<b>100.0</b>

ISLAND OF MAURITIUS  
DEATHS BY CHAPTER OF THE INTERNATIONAL CLASSIFICATION AND BY AGE-GROUP - 2018

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	1	2	-	-	34	93	42	2	-	-	-	17	15	36	3	2	-	-	51	108	78	242
2. Neoplasms	-	1	3	2	21	152	480	1	2	1	5	25	187	471	1	3	4	7	46	339	951	1,351
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	-	1	-	-	1	12	20	3	2	-	-	4	10	29	3	3	-	-	5	22	49	82
4. Endocrine, nutritional & metabolic diseases	-	-	-	-	18	347	814	1	-	1	-	14	190	852	1	-	1	-	32	537	1,666	2,237
5. Mental & behavioural disorders	-	-	-	-	16	40	19	-	-	-	-	4	1	1	-	-	-	-	20	41	20	81
6. Diseases of the nervous system	1	1	3	8	24	24	40	1	2	2	4	6	17	24	2	3	5	12	30	41	64	157
7. Diseases of the eye & adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Diseases of the ear & mastoid process	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Diseases of the circulatory system	-	-	1	6	73	466	1,445	1	-	1	2	24	208	1,467	1	-	2	8	97	674	2,912	3,694
10. Diseases of the respiratory system	4	2	1	1	35	108	526	7	4	-	3	10	46	486	11	6	1	4	45	154	1,012	1,233
11. Diseases of the digestive system	-	-	-	1	18	96	129	-	-	1	-	5	25	77	-	-	1	1	23	121	206	352
12. Diseases of the skin & subcutaneous tissue	-	-	-	-	1	9	17	-	-	-	-	-	2	28	-	-	-	-	1	11	45	57
13. Diseases of the musculoskeletal system & connective tissue	-	-	-	-	-	-	2	-	-	-	1	6	2	5	-	-	-	1	6	2	7	16
14. Diseases of the genitourinary system	-	1	1	-	5	17	70	-	-	-	-	1	9	82	-	1	1	-	6	26	152	186
15. Pregnancy, childbirth & the puerperium								-	-	-	-	5	-	-	-	-	-	-	5	-	-	5
16. Certain conditions originating in the perinatal period	59	-	-	-	-	-	-	51	-	-	-	-	-	-	110	-	-	-	-	-	-	110
17. Congenital malformations, deformations & chromosomal abnormalities	18	4	-	1	2	-	-	10	1	1	1	-	-	-	28	5	1	2	2	-	-	38
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	4	-	-	-	7	10	32	1	-	-	-	-	4	88	5	-	-	-	7	14	120	146
19. Injury, poisoning & certain other consequences of external causes	1	6	2	29	128	122	119	2	2	2	8	35	24	54	3	8	4	37	163	146	173	534
<b>TOTAL</b>	<b>88</b>	<b>18</b>	<b>11</b>	<b>48</b>	<b>383</b>	<b>1496</b>	<b>3755</b>	<b>80</b>	<b>13</b>	<b>9</b>	<b>24</b>	<b>156</b>	<b>740</b>	<b>3700</b>	<b>168</b>	<b>31</b>	<b>20</b>	<b>72</b>	<b>539</b>	<b>2236</b>	<b>7455</b>	<b>10521</b>

ISLAND OF MAURITIUS  
**SELECTED PRINCIPAL CAUSES OF DEATH (ALL AGES) – 2018**  
(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	749	12.9	537	11.4	1,286	12.2
Heart Failures	153	2.6	104	2.2	257	2.4
Cardiac Arrest	174	3.0	159	3.4	333	3.2
Pulmonary heart diseases	15	0.3	17	0.4	32	0.3
Other heart diseases	92	1.6	80	1.7	172	1.6
Cerebrovascular disease	479	8.3	455	9.6	934	8.9
Hypertensive disease	301	5.2	342	7.2	643	6.1
Diabetes mellitus	1,149	19.8	1,017	21.5	2,166	20.6
Malignant neoplasm of trachea, bronchus and lung	90	1.6	53	1.1	143	1.4
Malignant neoplasm of breast	6	0.1	170	3.6	176	1.7
Malignant neoplasm of stomach	61	1.1	19	0.4	80	0.8
Malignant neoplasm of uterus (inc. cervix uteri)	-	0.0	81	1.7	81	0.8
Malignant neoplasm of liver and intrahepatic bile duct	28	0.5	25	0.5	53	0.5
Malignant neoplasm of lip, oral cavity and pharynx	47	0.8	16	0.3	63	0.6
Malignant neoplasm of pancreas	27	0.5	24	0.5	51	0.5
Malignant neoplasm of prostate	95	1.6	-	0.0	95	0.9
Pneumonia	154	2.7	153	3.2	307	2.9
Asthma	45	0.8	55	1.2	100	1.0
Pulmonary oedema	47	0.8	30	0.6	77	0.7
Bronchitis, emphysema and other chronic obstructive pulmonary diseases	73	1.3	17	0.4	90	0.9
Land Transport Accidents	132	2.3	31	0.7	163	1.5
Suicide	78	1.3	27	0.6	105	1.0
Homicides	25	0.4	14	0.3	39	0.4
Accidental drowning and submersion	36	0.6	6	0.1	42	0.4
Accidents caused by fire and flames	6	0.1	7	0.1	13	0.1
Diseases of liver (inc. alcoholic cirrhosis)	130	2.2	25	0.5	155	1.5
Renal failures	25	0.4	25	0.5	50	0.5
Senility	16	0.3	60	1.3	76	0.7
Septicaemia unspecified	37	0.6	25	0.5	62	0.6
Gastrointestinal haemorrhage unspecified	44	0.8	38	0.8	82	0.8
All other causes	1,485	25.6	1,110	23.5	2,595	24.7
TOTAL	5,799	100.0	4,722	100.0	10,521	100.0

## ISLAND OF MAURITIUS

## SELECTED PRINCIPAL CAUSES OF DEATHS BY AGE-GROUP AND SEX - 2018

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	44	155	299	248	-	-	9	43	132	353	-	3	53	198	431	601	1,286
Heart Failures	-	3	17	43	52	38	-	-	4	18	28	54	-	3	21	61	80	92	257
Cardiac Arrest	-	2	4	25	50	93	1	-	5	10	30	113	1	2	9	35	80	206	333
Pulmonary heart diseases	-	1	1	4	6	3	-	2	2	1	5	7	-	3	3	5	11	10	32
Other heart diseases	-	5	9	26	30	22	1	1	4	12	19	43	1	6	13	38	49	65	172
Cerebrovascular disease	1	1	34	89	179	175	-	3	14	55	129	254	1	4	48	144	308	429	934
Hypertensive disease	-	4	14	47	109	127	-	-	15	33	77	217	-	4	29	80	186	344	643
Diabetes mellitus	-	2	33	322	562	230	1	-	32	167	432	385	1	2	65	489	994	615	2,166
Malignant neoplasm of trachea, bronchus and lung	-	-	3	19	45	23	-	-	-	12	25	16	-	-	3	31	70	39	143
Malignant neoplasm of breast	-	-	-	1	4	1	-	-	14	53	75	28	-	-	14	54	79	29	176
Malignant neoplasm of stomach	-	1	3	8	32	17	-	1	2	4	7	5	-	2	5	12	39	22	80
Malignant neoplasm of uterus (inc. cervix uteri)	-	-	-	-	-	-	-	-	6	17	32	26	-	-	6	17	32	26	81
Malignant neoplasm of liver and intrahepatic bile duct	-	-	-	9	10	9	-	-	-	5	11	9	-	-	-	14	21	18	53
Malignant neoplasm of lip, oral cavity and pharynx	-	-	2	20	21	4	-	-	-	5	7	4	-	-	2	25	28	8	63
Malignant neoplasm of pancreas	-	-	2	5	13	7	-	1	2	2	11	8	-	1	4	7	24	15	51
Malignant neoplasm of prostate	-	-	-	3	43	49	-	-	-	-	-	-	-	-	-	3	43	49	95
Pneumonia	2	3	4	22	46	77	3	1	4	9	27	109	5	4	8	31	73	186	307
Asthma	-	6	7	5	16	11	2	2	1	9	16	25	2	8	8	14	32	36	100
Pulmonary oedema	1	3	15	13	7	8	-	3	2	-	7	18	1	6	17	13	14	26	77
Bronchitis, emphysema and other chronic obstructive pulmonary diseases	-	-	1	7	31	34	-	-	-	1	1	15	-	-	1	8	32	49	90
Land Transport Accidents	4	57	17	31	16	7	1	5	6	4	10	5	5	62	23	35	26	12	163
Suicide	-	24	27	18	6	3	-	12	8	3	3	1	-	36	35	21	9	4	105
Homicides	1	1	11	4	4	4	-	3	4	3	3	1	1	4	15	7	7	5	39
Accidental drowning and submersion	3	11	4	7	8	3	1	-	1	1	2	1	4	11	5	8	10	4	42
All other causes	109	60	197	404	530	443	95	45	65	171	331	583	204	105	262	575	861	1026	3,033
<b>TOTAL</b>	<b>121</b>	<b>187</b>	<b>449</b>	<b>1287</b>	<b>2119</b>	<b>1636</b>	<b>105</b>	<b>79</b>	<b>200</b>	<b>638</b>	<b>1420</b>	<b>2280</b>	<b>226</b>	<b>266</b>	<b>649</b>	<b>1925</b>	<b>3539</b>	<b>3916</b>	<b>10521</b>

**CHAPTER-SPECIFIC DEATH RATES**  
PER 10,000 MID-YEAR RESIDENT POPULATION - 2018

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	242	2.0	7	1.6	249	2.0
2.	Neoplasms	1,351	11.1	30	7.0	1,381	10.9
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	82	0.7	5	1.2	87	0.7
4.	Endocrine, nutritional & metabolic diseases	2,237	18.3	50	11.6	2,287	18.1
5.	Mental & behavioural disorders	81	0.7	1	0.2	82	0.6
6.	Diseases of the nervous system	157	1.3	2	0.5	159	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	3,694	30.2	109	25.3	3,803	30.1
10.	Diseases of the respiratory system	1,233	10.1	18	4.2	1,251	9.9
11.	Diseases of the digestive system	352	2.9	9	2.1	361	2.9
12.	Diseases of the skin & subcutaneous tissue	57	0.5	3	0.7	60	0.5
13.	Diseases of the musculoskeletal system & connective tissue	16	0.1	0	0.0	16	0.1
14.	Diseases of the genitourinary system	186	1.5	6	1.4	192	1.5
15.	Pregnancy, childbirth & the puerperium	5	0.0	-	0.0	5	0.0
16.	Certain conditions originating in the perinatal period	110	0.9	7	1.6	117	0.9
17.	Congenital malformations, deformations & chromosomal abnormalities	38	0.3	3	0.7	41	0.3
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	146	1.2	4	0.9	150	1.2
19.	Injury, poisoning & certain other consequences of external causes	534	4.4	12	2.8	546	4.3
<b>TOTAL</b>		<b>10,521</b>	<b>86.1</b>	<b>266</b>	<b>61.8</b>	<b>10,787</b>	<b>85.3</b>

## ISLAND OF MAURITIUS

**DISTRIBUTION OF DEATHS BY AGE-GROUP AND SEX, AND AGE-SPECIFIC DEATH RATES  
PER 1,000 MID-YEAR RESIDENT POPULATION - 2018**

AGE-GROUP (years)	DEATHS					DEATH RATES		
	MALE	FEMALE	BOTH SEXES			MALE	FEMALE	BOTH SEXES
	Number	Number	Number	Percentage	Cumulative Percentage			
Under 1	88	80	168	1.6	1.6	14.1	13.5	13.8
1 - 4	18	13	31	0.3	1.9	0.7	0.5	0.6
5 - 9	7	3	10	0.1	2.0	0.2	0.1	0.1
10 - 14	8	9	17	0.2	2.1	0.2	0.2	0.2
15 - 19	44	21	65	0.6	2.8	0.9	0.5	0.7
20 - 24	65	25	90	0.9	3.6	1.4	0.5	1.0
25 - 29	78	33	111	1.1	4.7	1.6	0.7	1.2
30 - 34	70	33	103	1.0	5.7	1.7	0.8	1.3
35 - 39	170	65	235	2.2	7.9	3.5	1.4	2.5
40 - 44	209	102	311	3.0	10.8	4.7	2.3	3.5
45 - 49	290	139	429	4.1	14.9	7.3	3.6	5.5
50 - 54	442	211	653	6.2	21.1	9.7	4.6	7.1
55 - 59	555	288	843	8.0	29.1	13.4	6.7	10.0
60 - 64	631	393	1,024	9.7	38.9	18.6	10.7	14.5
65 - 69	830	506	1,336	12.7	51.6	31.1	16.4	23.2
70 - 74	658	521	1,179	11.2	62.8	43.4	26.4	33.8
75 - 79	538	516	1,054	10.0	72.8	66.2	43.4	52.6
80 - 84	485	613	1,098	10.4	83.2	95.3	72.5	81.0
85 & over	613	1151	1,764	16.8	100.0	199.6	166.6	176.8
ALL AGES	5,799	4,722	10,521	100.0	-	9.6	7.6	8.6



ISLAND OF MAURITIUS  
DEATHS DUE TO DISEASES OF THE CIRCULATORY SYSTEM  
BY AGE-GROUP AND SEX - 2018

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	-	2	38	118	206	175	-	-	7	35	93	249	-	2	45	153	299	424	923
Other Ischaemic Heart diseases	-	1	6	37	93	73	-	-	2	8	39	104	-	1	8	45	132	177	363
<i>Total (Ischaemic Heart diseases)</i>	-	3	44	155	299	248	-	-	9	43	132	353	-	3	53	198	431	601	1,286
Cardiac Arrest	-	2	4	25	50	93	1	-	5	10	30	113	1	2	9	35	80	206	333
Heart Failure	-	3	17	43	52	38	-	-	4	18	28	54	-	3	21	61	80	92	257
Other heart diseases	-	6	10	30	36	25	1	3	6	13	24	50	1	9	16	43	60	75	204
<i>Total (Heart diseases)*</i>	-	14	75	253	437	404	2	3	24	84	214	570	2	17	99	337	651	974	2,080
Hypertensive diseases	-	4	14	47	109	127	-	-	15	33	77	217	-	4	29	80	186	344	643
Intracranial haemorrhage and cerebral infarction	1	1	24	48	54	41	-	1	5	32	43	40	1	2	29	80	97	81	290
Stroke, not specified as haemorrhage or infarction	-	-	10	39	118	129	-	1	9	23	82	205	-	1	19	62	200	334	616
Other cerebrovascular diseases	-	-	-	2	7	5	-	1	-	-	4	9	-	1	-	2	11	14	28
<i>Total (cerebrovascular diseases)</i>	1	1	34	89	179	175	-	3	14	55	129	254	1	4	48	144	308	429	934
Other diseases of the circulatory system	1	-	1	12	8	6	-	0	0	3	3	3	1	0	1	15	11	9	37
<b>TOTAL (Circulatory system)</b>	<b>2</b>	<b>19</b>	<b>124</b>	<b>401</b>	<b>733</b>	<b>712</b>	<b>2</b>	<b>6</b>	<b>53</b>	<b>175</b>	<b>423</b>	<b>1044</b>	<b>4</b>	<b>25</b>	<b>177</b>	<b>576</b>	<b>1156</b>	<b>1756</b>	<b>3694</b>

ISLAND OF MAURITIUS  
DEATHS DUE TO NEOPLASMS BY TYPE AND SEX 2018

TYPE OF NEOPLASM (ICD-10)	MALE	FEMALE	TOTAL
Malignant neoplasm of lip, oral cavity and pharynx	47	16	63
Malignant neoplasm of oesophagus	16	11	27
Malignant neoplasm of stomach	61	19	80
Malignant neoplasm of colon	55	41	96
Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal	26	17	43
Malignant neoplasm of liver and intrahepatic bile ducts	28	25	53
Malignant neoplasm of pancreas	27	24	51
Other malignant neoplasm of digestive organs	14	18	32
Malignant neoplasm of larynx	20	3	23
Malignant neoplasm of trachea, bronchus and lung	90	53	143
Other malignant neoplasm of respiratory and intrathoracic organs	6	4	10
Malignant neoplasm of bone and articular cartilage	6	1	7
Malignant neoplasm of skin, including melanoma	1	1	2
Malignant neoplasm of mesothelial and soft tissue	5	5	10
Malignant neoplasm of breast	6	170	176
Malignant neoplasm of cervix uteri		40	40
Malignant neoplasm of other and unspecified parts of the uterus		41	41
Other Malignant neoplasms of female genital organs		60	60
Malignant neoplasm of prostate	95		95
Other malignant neoplasm of male genital organs	5		5
Malignant neoplasm of bladder	17	8	25
Other malignant neoplasm of urinary tract	14	7	21
Malignant neoplasm of central nervous system, including brain	15	12	27
Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites	36	42	78
Hodgkin's disease	3	3	6
Non-Hodgkin's lymphoma	17	6	23
Leukaemia	15	23	38
Other malignant neoplasms of lymphoid, haematopoietic and related tissue	6	9	15
Benign neoplasm of urinary organ	1	-	1
Benign neoplasm of brain and other parts of central nervous system	13	19	32
Other in situ and benign neoplasms and neoplasms of uncertain and unknown behaviour	14	14	28
<b>TOTAL</b>	<b>659</b>	<b>692</b>	<b>1,351</b>

ISLAND OF MAURITIUS  
Deaths due to External Causes , by Age-group and Sex - 2018

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	2	1	16	55	35	23	-	1	3	7	5	15	2	2	19	62	40	38	<b>163</b>
Falls	1	-	1	9	24	28	-	-	1	1	1	4	1	-	2	10	25	32	<b>70</b>
Accidental Drowning and Submersion	2	-	6	8	9	11	-	1	-	-	2	3	2	1	6	8	11	14	<b>42</b>
Ingestion of food causing obstruction of respiratory tract	1	-	1	4	-	2	-	-	-	1	-	2	1	-	1	5	-	4	<b>11</b>
Exposure to Electric Current	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	3	-	-	<b>3</b>
Exposure to Smoke, Fire and Flames	-	-	1	1	2	2	3	-	-	3	-	1	3	-	1	4	2	3	<b>13</b>
Other and unspecified accidents	-	-	-	1	5	6	-	-	-	-	1	8	-	-	-	1	6	14	<b>21</b>
Suicide by chemicals and noxious substances	-	-	-	2	5	1	-	-	-	2	1	-	-	-	-	4	6	1	<b>11</b>
Suicide by hanging	-	-	3	35	23	7	-	-	3	10	5	4	-	-	6	45	28	11	<b>90</b>
Suicide by fire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>
Suicide by other and unspecified means	-	-	-	1	-	1	-	-	-	2	-	-	-	-	-	3	-	1	<b>4</b>
Assault	-	1	-	7	9	8	-	-	-	7	3	4	-	1	-	14	12	12	<b>39</b>
Accidental poisoning by exposure to noxious substances and/or of undetermined intent	-	-	1	3	5	3	-	-	-	-	2	-	-	-	1	3	7	3	<b>14</b>
Complications of medical and surgical care	1	-	-	-	5	26	1	-	1	1	4	13	2	-	1	1	9	39	<b>52</b>
Other and unspecified External causes	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	<b>1</b>
<b>TOTAL</b>	<b>7</b>	<b>2</b>	<b>29</b>	<b>128</b>	<b>122</b>	<b>119</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>35</b>	<b>24</b>	<b>54</b>	<b>11</b>	<b>4</b>	<b>37</b>	<b>163</b>	<b>146</b>	<b>173</b>	<b>534</b>

## ***Part II***

# Island of Rodrigues

**SELECTED HEALTH VARIABLES AND INDICATORS****ISLAND OF RODRIGUES - 2018**

<b>Variable/ Indicator</b>	<b>Number/ Value</b>		<b>Denominator</b>
<b><u>POPULATION AND VITAL STATISTICS</u></b>			
Estimated mid-year resident population	43,035		
<i>Population density</i>			<i>391 per square kilometre</i>
Estimated mid-year resident population by sex:	male	21,115	<i>(49.1%)</i>
	female	21,920	<i>(50.9%)</i>
	<i>sex ratio</i>	<i>963</i>	<i>males per 1000 females</i>
Estimated end-of-year resident population	43,155		
<i>Population density</i>			<i>392 per square kilometre</i>
Estimated female mid-year resident population 15-49 years	11,178		
<i>Percentage of total female population</i>			<i>51.0</i>
<i>Percentage of total population (both sexes)</i>			<i>26.0</i>
Estimated mid-year population 60 years and over	5,374		
<i>Percentage of total population</i>			<i>12.5</i>
Estimated mid-year population 65years and over	3,595		
<i>Percentage of total population</i>			<i>8.4</i>
Live births	763		
<i>Crude birth rate</i>			<i>17.7 per 1000 mid-year population</i>
Deaths (all ages)	266		
<i>Crude death rate</i>			<i>6.2 per 1000 mid-year population</i>
Stillbirths	7		
<i>Stillbirth rate</i>			<i>9.1 per 1000 total births</i>
Perinatal deaths	13		
<i>Perinatal mortality rate</i>			<i>16.9 per 1000 total births</i>
Infant deaths	13		
<i>Infant mortality rate</i>			<i>17.0 per 1000 live births</i>
Deaths under five years	15		
<i>Under-five mortality rate</i>			<i>19.7 per 1000 live births</i>
Maternal deaths	-		
<i>Maternal mortality ratio</i>			<i>- per 1000 live births</i>
<i>Life expectancy at birth (years) (2016)</i>	<i>Male</i>	<i>74.0</i>	
	<i>Female</i>	<i>79.1</i>	
	<i>Both Sexes</i>	<i>76.5</i>	
<b><u>INFRASTRUCTURE AND PERSONNEL</u></b>			
Beds	173		
<i>Population : bed ratio</i>			<i>249 inhabitants per bed</i>
Doctors	20		
<i>Population : doctor ratio</i>			<i>2,158 inhabitants per doctor</i>
Dentists	2		
<i>Population : dentist ratio</i>			<i>21,578 inhabitants per dentist</i>
Nurses (including midwives)	183		
<i>Population : nurse ratio</i>			<i>236 inhabitants per nurse</i>

**SELECTED HEALTH VARIABLES AND INDICATORS**  
**ISLAND OF RODRIGUES– 2018**  
(cont.)

Variable/Indicator	Number/Value	Denominator
<b>MATERNAL AND CHILD HEALTH</b>		
Births attended by qualified personnel <i>Percentage of all births reported by hospitals (763)</i>	99.2	
Children with a birthweight of less than 2.5 kg <i>Percentage of live births (hospital &amp; health centres= 757)</i>	80	10.6
<i>Total Fertility Rate</i>		2.4
<i>Net Reproduction Rate</i>		1.2
<b>IMMUNIZATION</b>		
Children immunized against tuberculosis Immunization coverage	678	90.4 per 100 surviving infants
Children immunized against diphtheria, Pertussis, Haemophilus- Influenza Type B, Polio(Inactivated), tetanus and Hepatitis B Immunization coverage	671	89.5 per 100 surviving infants
Children immunized against measles/mumps/rubella (MMR) Immunization coverage	728	97.1 per 100 surviving infants
Pregnant women immunized against tetanus (2nd or higher dose) Immunization coverage	484	57.7 per 100 estimated pregnant women
<b>NOTIFIABLE DISEASES</b>		
Cases of malaria reported Incidence rate	-	- per 10,000 mid-year population
Cases of tuberculosis reported Incidence rate	5	1.2 per 10,000 mid-year population
Cases of HIV / AIDS reported Incidence rate	13	3.0 per 10,000 mid-year population
<b>CAUSE OF DEATH</b>		
Deaths due to diseases of the circulatory system Percentage of total deaths Disease-specific death rate	109	41.0 25.3 per 10,000 mid-year population
Deaths due to endocrine, nutritional and metabolic diseases Percentage of total deaths Disease-specific death rate	50	18.8 11.6 per 10,000 mid-year population
Deaths due to neoplasms Percentage of total deaths Disease-specific death rate	30	11.3 7.0 per 10,000 mid-year population
Deaths due to diseases of the respiratory system Percentage of total deaths Disease-specific death rate	18	6.8 4.2 per 10,000 mid-year population
Deaths due to injury and poisoning Percentage of total deaths Disease-specific death rate	12	4.5 2.8 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 km<sup>2</sup>, 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**

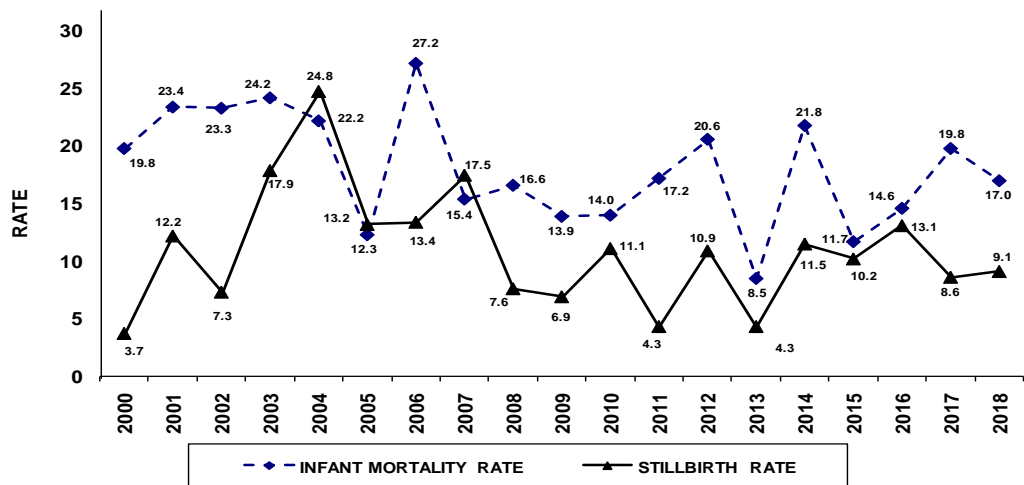
The estimated end-of-year resident population of the Island of Rodrigues increased from 42,818 in 2017 to 43,155 in 2018; the growth rate was 1.0%. The population density at the end of 2018 was 392 inhabitants per square kilometer.

The proportion of population aged under 15 years decreased from 30.9 % in 2006 to 26.4 % in 2018, while in the same period, the proportion of elderly population (aged 65 years and above) increased from 6.5 % to 8.4 %. The total dependency ratio which was 597.3 per 1,000 mid year population aged 15-64 years in 2006; was 532.8 for 2018.

Based on the 2011 Population Census data, life expectancy at birth in Rodrigues was estimated to be 74.0 years for men and 79.1 years for women for the period 2014-2018.

The number of live births registered in 2017 and 2018 was 808 and 763 respectively, corresponding to a decrease in crude birth rate from 19.0 per 1,000 mid-year population to 17.7. The crude death rate was 5.3 per 1,000 mid-year population in 2017 and 6.2 in 2018 with 226 and 266 deaths respectively.

The number of infant deaths, that is deaths among children aged under one year, registered in 2017 and 2018 was 16 and 13 respectively, corresponding to a decrease in the infant mortality rate from 19.8 per 1,000 live births to 17.0. (See chart below). In the same period, stillbirth rate increased from 8.6 per 1,000 births to 9.1.



## HEALTH DELIVERY SYSTEM

In the Island of Rodrigues, at the end of 2018, there were one hospital with 145 beds and two health centres with in-patient facilities equipped with a total of 28 beds. This brought the total number of beds in government institutions providing in-patient facilities to 173 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 2018, 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 2018, there were 20 doctors in the Island of Rodrigues that is one doctor for 2,158 inhabitants compared to 2,327 inhabitants in 2006. There were 3 dentists



that is one for 14,385 inhabitants at the end of 2018 while in 2006 the ratio was one for 18,615 inhabitants. Some of these health professionals are employees of the Ministry of Health & Quality of Life posted to the island on tour service basis.

The number of qualified nurses and midwives was 183 at the end of 2018, that is one nurse/midwife for 236 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 11,107 in 2018, while in 2017 it was 11,263. The percentage decrease in admissions over the one-year period was 1.4%. 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 217,936 in 2018, while in 2006 it was 171,317. In 2018, the number of attendances for the treatment of common diseases and injuries at Community Health Centres was 45,093 as compared to 44,700 in 2017, that is, a 0.9% increase.

### **MATERNAL AND CHILD HEALTH**

In 2018, a total of 763 births (including 6 stillbirths) were reported by the Maternity Section of Queen Elizabeth Hospital, Mont Lubin HC and La Ferme HC. 751 live births were attended by trained personnel, out of which 80 were low birth weight babies (less than 2500 grammes) representing 10.6% as compared to 13.4 % in 2017.

In 2018, a total of 762 live births were reported by the MCH services. 678 babies were immunized against *Tuberculosis (BCG)* by MCH staff, 671 babies against *Diphtheria, Haemophilus influenza type B, hepatitis B and oral Polio Vaccine (Hexavalent 3<sup>rd</sup> dose)* and a total of 1,157 (1<sup>st</sup> dose 728, 2<sup>nd</sup> dose 429) shots against *Measles/mumps/rubella (MMR)* were performed. Rotavirus vaccine was introduced in March 2015 and a total of 969 (1<sup>st</sup> dose 530, 2<sup>nd</sup> dose 439) shots were performed. In 2018,

there were 1,356 (1<sup>st</sup> dose 672 and 2<sup>nd</sup> dose 684) shots were performed. Pneumococcal vaccine was introduced in June 2016. In 2018, there were 2033 (1<sup>st</sup> dose 674, 2<sup>nd</sup> dose 658 and 3<sup>rd</sup> dose 701) shots were performed.

### **DENTAL HEALTH**

In 2018, the total number of attendances at the three dental clinics was 18,287 as compared to 18,414 in 2017, representing a decrease of 0.7%.

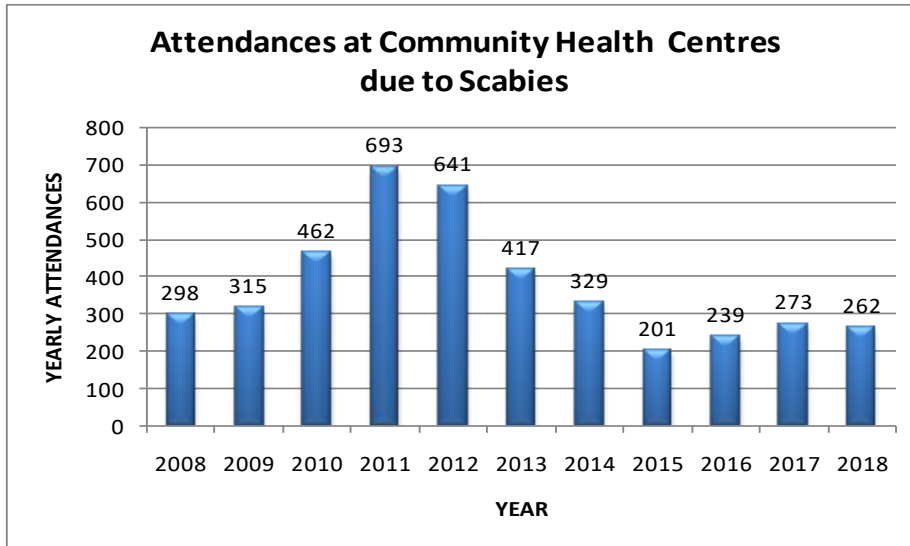
### **MORBIDITY**

The number of discharged patients in 2018 was 10,924, out of which 886 (8.1%) were treated for *Complications of pregnancy, childbirth and the puerperium* (excluding *Normal deliveries* and *Complications following abortions*), 880 (8.1%) for *Injuries (crushing & superficial injuries, fractures, open wounds, dislocation, sprain and strains)* and 636 (5.8%) for *Delivery without mention of complications*.

In 2018, the principal diseases contributing to first attendances at the 14 Community Health Centres were *tonsillitis, laryngitis, nasopharyngitis (common cold), sore throat and URTI* with 2,701 attendances (23.8%) followed by *cough, pain in throat, chest pain, wheezing, hiccough and sneezing* with 1,210 attendances (10.6%). *Fever/pain all over* with 658 attendances (5.8%) stood in the third position.

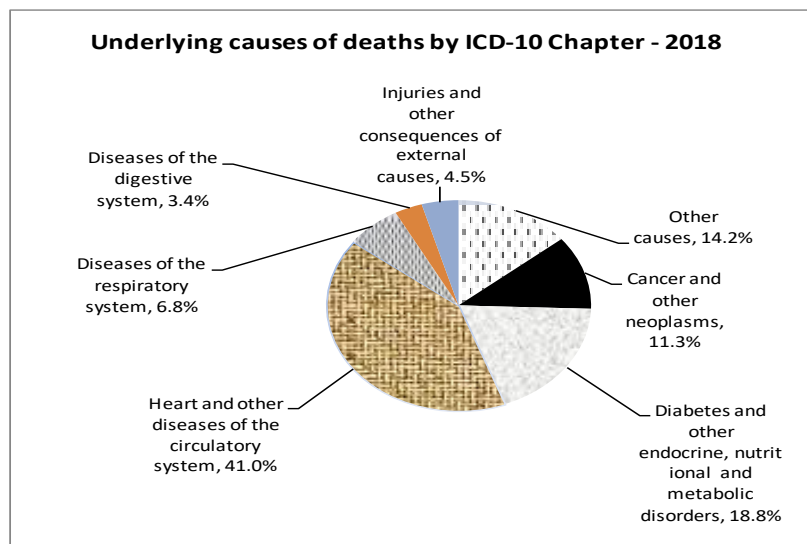
Diseases grouped by ICD chapters indicate that *Diseases of respiratory system* was 15.2 % of total first attendances at Community Health Centres in 2006 compared to 31.5 % in 2018. During the same period, first attendances due to *Infectious and parasitic diseases* increased from 6.1% to 8.7 %. *Diseases of the musculoskeletal and connective tissue* were 14.7 % of first attendances in 2006 compared to 7.2% in 2018; 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, the number of attendances due to scabies has decreased from 273 in 2017 to 262 in 2018.



### CAUSE OF DEATH

In 2018, 266 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 41.0% of all deaths. *Diabetes and other endocrine, nutritional & metabolic disorders* with 18.8% were in the second position followed by *Cancer and other Neoplasms* with 11.3%, *Diseases of the respiratory system* (6.8%), *Injuries and other consequences of external causes* (4.4%) and *Diseases of the digestive system* (3.4%).



During the period 2000-2018, seven maternal deaths have been registered in the Island of Rodrigues. No maternal death has been registered in 2016, 2017 and 2018 whereas 2 such deaths were reported in 2015.

ISLAND OF RODRIGUES  
STILLBIRTHS, PERINATAL, NEONATAL AND INFANT DEATHS 1994 - 2018

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
1994	3	4.0	12	16.1	15	20.1	2	2.7	14	18.8	1	1.3	15	20.1
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
<b>2018</b>	<b>7</b>	<b>9.1</b>	<b>6</b>	<b>7.9</b>	<b>13</b>	<b>16.9</b>	<b>1</b>	<b>1.3</b>	<b>7</b>	<b>9.2</b>	<b>6</b>	<b>7.9</b>	<b>13</b>	<b>17.0</b>

@ 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 - 2018

AGE-GROUP (years)	MALE		FEMALE		BOTH SEXES	
	Number	%	Number	%	Number	%
UNDER 1	390	1.8	400	1.8	790	1.8
1 - 4	1,430	6.8	1,410	6.4	2,840	6.6
5 - 9	1,800	8.5	1,730	7.9	3,530	8.2
10 - 14	2,090	9.9	2,100	9.6	4,190	9.7
15 - 19	2,060	9.8	2,020	9.2	4,080	9.5
20 - 24	1,710	8.1	1,800	8.2	3,510	8.2
25 - 29	1,360	6.4	1,420	6.5	2,780	6.5
30 - 34	1,300	6.2	1,360	6.2	2,660	6.2
35 - 39	1,610	7.6	1,780	8.1	3,390	7.9
40 - 44	1,460	6.9	1,480	6.8	2,940	6.8
45 - 49	1,200	5.7	1,320	6.0	2,520	5.9
50 - 54	1,180	5.6	1,180	5.4	2,360	5.5
55 - 59	1,010	4.8	1,050	4.8	2,060	4.8
60 - 64	910	4.3	870	4.0	1,780	4.1
65 - 69	580	2.7	580	2.6	1,160	2.7
70 - 74	410	1.9	510	2.3	920	2.1
75 - 79	310	1.5	400	1.8	710	1.6
80 - 84	190	0.9	280	1.3	470	1.1
85 & OVER	120	0.6	230	1.0	350	0.8
<b>ALL AGES</b>	<b>21,120</b>	<b>100.0</b>	<b>21,920</b>	<b>100.0</b>	<b>43,040</b>	<b>100.0</b>
UNDER 5	1,819	8.6	1,820	8.3	3,639	8.5
5 - 11	2,619	12.4	2,574	11.7	5,193	12.1
12 - 19	3,333	15.8	3,274	14.9	6,607	15.4
16 - 18	1,269	6.0	1,224	5.6	2,493	5.8
UNDER 15	5,714	27.1	5,650	25.8	11,364	26.4
UNDER 18	6,968	33.0	6,872	31.4	13,840	32.2
UNDER 21	8,121	38.5	8,024	36.6	16,145	37.5
15 - 49	10,696	50.6	11,178	51.0	21,874	50.8
15 - 59	12,887	61.0	13,410	61.2	26,297	61.1
15 - 64	13,795	65.3	14,281	65.2	28,076	65.2
12 & OVER	16,677	79.0	17,526	80.0	34,203	79.5
15 & OVER	15,401	72.9	16,270	74.2	31,671	73.6
16 & OVER	14,981	70.9	15,861	72.4	30,842	71.7
18 & OVER	14,147	67.0	15,048	68.6	29,195	67.8
21 & OVER	12,994	61.5	13,896	63.4	26,890	62.5
60 & OVER	2,514	11.9	2,860	13.0	5,374	12.5
65 & OVER	1,606	7.6	1,989	9.1	3,595	8.4
MEAN AGE	31.90		32.95		32.43	
MEDIAN AGE	28.97		30.29		29.64	
DEPENDENCY RATIO*	530.43		535.01		532.76	

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

## ISLAND OF RODRIGUES

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

	as at 31. 12. 2016			as at 31. 12. 2017			as at 31. 12. 2018		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Medical Officer (all grades)	21	4	25	24	5	29	14	6	20
Dental Surgeon	3	-	3	2	1	3	2	-	2
Senior Dental Assistant	-	1	1	-	1	1	-	1	1
Dental Assistant	-	3	3	-	3	3	-	3	3
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	20	39	19	19	38	19	25	44
Nursing Officer	52	51	103	50	51	101	50	47	97
Nursing Officer with Midwifery	-	3	3	-	2	2	-	2	2
Principal/Senior midwife	-	13	13	-	13	13	-	17	17
Midwife	-	12	12	-	12	12	-	10	10
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	1	4	5	2	4	6
Senior Medical Imaging Technologist	1	-	1	-	1	1	1	-	1
Medical Imaging Technologist	2	-	2	3	-	3	3	-	3
Radiographic Assistant/Senior R. A.	-	3	3	-	3	3	-	3	3
Principal Dispenser	1	-	1	1	-	1	1	-	1
Senior Dispenser	3	-	3	2	2	4	2	1	3
Dispenser	5	1	6	5	1	6	5	1	6
Physiotherapy Assistant	-	3	3	-	3	3	-	2	2
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	10	12	2	7	9	2	7	9
Supervisor/Senior Sup. (Family Planning)	-	1	1	-	1	1	-	1	1
Community Health Care Officer	-	3	3	-	3	3	-	4	4
Health Care Assistant	-	4	4	1	6	7	1	6	7
E.C.G. Technician	-	1	1	-	1	1	-	1	1

\* including officers appointed in an acting capacity

**SELECTED HEALTH MANPOWER STATISTICS AS AT END-OF-YEAR**

	as at 31. 12. 2016		as at 31. 12. 2017		as at 31. 12. 2018	
	NUMBER	POPULATION PER GRADE	NUMBER	POPULATION PER GRADE	NUMBER	POPULATION PER GRADE
Doctor	25	1,696	29	1,476	20	2,158
Dentist	3	14,132	3	14,273	2	21,578
Pharmacist@	2	21,198	2	21,409	2	21,578
Nurse and Midwife	183	232	179	239	183	236
Health Inspector	4	10,599	4	10,705	4	10,789
Laboratory Technologist	6	7,066	6	7,136	7	6,165
Medical Imaging Technologist	3	14,132	4	10,705	4	10,789
Dispenser	10	4,240	11	3,893	10	4,315
Health Records Staff	17	2,494	14	3,058	14	3,082

@ in the private sector

## ISLAND OF RODRIGUES

**SUMMARY OF WORK PERFORMED IN HOSPITAL/HEALTH CENTRES\* - 2018**

Institution	Number of beds	No. of admissions Both Sexes	Percentage Bed Occupancy					Number of Deaths	Number of Operations performed		
			Quarter				Year		Minor	Major	Total
			1st	2nd	3rd	4th					
Q. Elizabeth Hospital	145	9,874	69.7	71.4	61.1	63.4	67.4	124	810	1,213	2,023
Mont Lubin H.C.	24	1,077	30.3	29.5	29.2	21.4	27.6	-	..	..	..
La Ferme H.C.	4	156	0.0	0.0	0.0	0.0	0.0	-	..	..	..
<b>T o t a l</b>	<b>173</b>	<b>11,107</b>	<b>60.4</b>	<b>61.6</b>	<b>53.2</b>	<b>54.1</b>	<b>58.0</b>	<b>124</b>	<b>810</b>	<b>1213</b>	<b>2,023</b>

\* with in-patient services

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

**WORK PERFORMED IN MATERNITY SECTIONS - 2018**

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	450	274	1	725	6	733	739	71	9.7	8.1	37.8
Mont Lubin H.C.	12	0	0	12	-	12	12	4	33.3	-	-
La Ferme H.C.	9	0	2	11	-	12	12	5	41.7	-	-
<b>T o t a l</b>	<b>471</b>	<b>274</b>	<b>3</b>	<b>748</b>	<b>6</b>	<b>757</b>	<b>763</b>	<b>80</b>	<b>10.6</b>	<b>7.9</b>	<b>36.6</b>

NB: Hospitals services reported a total of 763 births (including 6 born before arrival)

@ 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**

	2014	2015	2016	2017	2018
Number of patients	433	495	443	482	534
<i>of whom accompanied by:</i>					
Nursing Officer	135	176	146	206	244
Relative	331	440	400	440	491

## ISLAND OF RODRIGUES

**OUT-PATIENT ATTENDANCES – 2018**

INSTITUTION	Number of out-patient attendances			
	Accident & Emergency/unsorted OPD <sup>#</sup>	Sorted OPD <sup>#</sup>	Other *	TOTAL
<i>HOSPITAL</i>				
QUEEN ELIZABETH II	48,796	27,445	12,326	88,567
<i>HEALTH CENTRES</i>				
MONT LUBIN	44,667	15,383	20,033	80,083
LA FERME	29,114	10,097	10,075	49,286
<b>Total</b>	<b>122,577</b>	<b>52,925</b>	<b>42,434</b>	<b>217,936</b>

\* Follow up for injections , dressings etc.

# seen by doctor

**ATTENDANCES FOR TREATMENT OF COMMON DISEASES AND INJURIES AT COMMUNITY HEALTH CENTRES – 2018**

<b><i>CENTRE</i></b>	<b><i>1st Quarter</i></b>	<b><i>2nd Quarter</i></b>	<b><i>3rd Quarter</i></b>	<b><i>4th Quarter</i></b>	<b>Total</b>
ALLEE TAMARIN	60	63	75	49	247
BAIE AUX HUITRES	1,466	1,575	1,622	1,393	6,056
BAIE TOPAZE	316	385	579	301	1,581
CASCADE JEAN-LOUIS	632	587	493	632	2,344
GRAND BAIE	226	327	299	455	1,307
MALARTIC	180	229	242	211	862
MANGUES	518	762	931	534	2,745
PETIT GABRIEL	2,117	2,397	2,368	2,384	9,266
PORT SUD EST	1,453	1,622	1,684	1,581	6,340
RIVIERE COCOS	1,039	1,101	1,195	961	4,296
ROCHE BON DIEU	707	921	825	698	3,151
SOUPIRS	557	733	992	561	2,843
BATATRAN	502	516	523	414	1,955
MONTAGNE GOYAVE	446	472	572	610	2,100
<b>TOTAL</b>	<b>10,219</b>	<b>11,690</b>	<b>12,400</b>	<b>10,784</b>	<b>45,093</b>



## ISLAND OF RODRIGUES

**ACTIVITIES CARRIED OUT AT QUEEN ELIZABETH HOSPITAL-2018**

## A. PHYSIOTHERAPY DEPARTMENT

CASES SEEN		NUMBER		
		Male	Female	Total
IN-PATIENT <sup>#</sup>	New cases	153	198	351
	Follow-up	543	495	1,038
	Total cases	696	693	1,389
OUT-PATIENT	First Attendances	396	567	963
	Subsequent Attendances	1,349	2,133	3,482
	Total Attendances	1,745	2,700	4,445

# in wards or at the physiotherapy unit

## B. RADIOLOGICAL DEPARTMENT

EXAMINATIONS		NUMBER
GENERAL PROCEDURES	Extremities	7,553
	Chest	4,510
	Spine	2,037
	Abdomen	1,148
	Skull	2,641
PROCEDURES WITH BARIUM	Meal	0
	Swallow	0
	Enema	0
SPECIAL PROCEDURES (including intravenous pyelography, urethrography, hysterosalpingography and cholecystography)		30
TOTAL*		17,919

\* The 17,919 examinations were carried out on 14,556 patients.

## C. HAEMODIALYSIS UNIT

DETAIL	NUMBER
Dialysis done on patients <sup>@</sup>	4,157
Patients as at end of year	50

@ during 646 sessions

ISLAND OF RODRIGUES  
**STATISTICS RELATING TO MATERNAL AND CHILD HEALTH ACTIVITIES - 2018**

<b><u>REGISTRATION OF GESTATIONAL AGE AT FIRST ATTENDANCE FOR ANTENATAL TREATMENT</u></b>	Number	%
3 months or less	395	47.1
Between 3 and 6 months	329	39.2
6 months and over	115	13.7
<b>TOTAL FIRST ATTENDANCES</b>	<b>839</b>	<b>100.0</b>

<b><u>FIRST DETERMINATION OF HAEMOGLOBIN LEVEL OF ANTENATAL CASES</u></b>		%
below 9.0	23	2.8
9.0 to 9.9	60	7.3
10.0 to 10.9	176	21.4
11.0 to 11.9	297	36.2
12.0 or above	265	32.3
<b>TOTAL</b>	<b>821</b>	<b>100.0</b>

<b><u>EXAMINATIONS CARRIED OUT AT CLINIC</u></b>	
ANTENATAL EXAMINATIONS BY MIDWIFE/NURSE	
First attendances	839
Subsequent attendances	6,090
ANTENATAL EXAMINATIONS BY DOCTOR*	
First attendances	829
Subsequent attendances	5,989
POSTNATAL EXAMINATIONS BY DOCTOR	
First attendances	680
Subsequent attendances	692
CHILDREN SEEN FOR GROWTH MONITORING	
Number of attendances	4,477
EXAM. OF CHILDREN UNDER 5 YEARS BY DOCTOR#	
First attendances	620
Subsequent attendances	1,554
<b>TOTAL ATTENDANCES</b>	<b>21,770</b>

\* of which 647 were referred to hospital

# figures are estimates based on attendances for cash gifts

## ISLAND OF RODRIGUES

**STATISTICS RELATING TO EXPANDED PROGRAMME ON IMMUNIZATION - 2018**

<b>EXPANDED PROGRAMME ON IMMUNIZATION</b>		
<b>BABIES</b>		
	B.C.G.	678
MMR	1 <sup>st</sup> dose	728
	2 <sup>nd</sup> dose	429
HEXAVALENT*/OPV:	1 <sup>st</sup> dose	688
	2 <sup>nd</sup> dose	695
	3 <sup>rd</sup> dose (excluding Hep B)	671
	Booster dose (excl.Hep B)	472
HEPATITIS B	3 <sup>rd</sup> dose	513
ROTAVIRUS <sup>5</sup>	1 <sup>st</sup> dose	672
	2 <sup>nd</sup> dose	684
PNEUMOCOCCAL <sup>@</sup>	1 <sup>st</sup> dose	674
	2 <sup>nd</sup> dose	658
	3 <sup>rd</sup> dose	701
D.T, O.P.V & HEP.B:	1 <sup>st</sup> dose	-
	2 <sup>nd</sup> dose	14
	3 <sup>rd</sup> dose	-
	Booster dose	-
<b>PREGNANT WOMEN</b>		
TETANUS TOXOID:	1 <sup>st</sup> dose	541
	2 <sup>nd</sup> dose	439
	Booster dose (1 year after 2nd dose)	45

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

\* introduced in January 2018

<sup>5</sup> started in March 2015 <sup>@</sup> started in June 2016

**ACTIVITIES RELATING TO BASIC SANITATION AND FOOD HYGIENE -2018**

ACTIVITIES	NUMBER
<b>BASIC SANITATION</b>	
No. of premises and other sites inspected	1,094
No. of notices issued	213
No. of sanitary contraventions	-
No. of cases sentenced	-
<b>FOOD HYGIENE</b>	
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
<b>INSPECTION OF PUBLIC PLACES</b>	
Cinema hall & other entertainment places	183
Dormitories ( including Boarding Houses)	590
Industrial establishments	153
Hospitals/Health Centres & Schools	429
<b>OTHER</b>	
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

## ISLAND OF RODRIGUES

**TABLE A: ATTENDANCES AT DENTAL CLINICS 2014 – 2018**

Attendances					
	2014	2015	2016	2017	2018
Cases seen by dentists:					
Children < 5 years	525	526	657	668	700
Children aged 5-11 years	4,390	3,552	3,490	3,620	3,638
Persons aged 12 years & above	12,106	11,690	12,724	13,675	13,454
<b>SUBTOTAL</b>	<b>17,021</b>	<b>15,768</b>	<b>16,871</b>	<b>17,963</b>	<b>17,792</b>
Cases seen by specialists:					
Orthodontists	389	456	372	316	314
Oral Surgeons	176	163	113	135	181
<b>TOTAL ATTENDANCES</b>	<b>17,586</b>	<b>16,387</b>	<b>17,356</b>	<b>18,414</b>	<b>18,287</b>

**TABLE B: CASES SEEN BY TYPE OF DENTAL CARE**

Dental care					
	2014	2015	2016	2017	2018
<b><u>EXTRACTION AND TOOTH RESTORATION</u></b>					
Deciduous teeth extracted	2,392	1,996	2,440	2,155	2,364
<b><u>Schoolchildren</u></b>					
Temporary fillings inserted in : deciduous teeth	121	107	94	331	77
permanent teeth	105	67	88	43	55
Permanent fillings inserted : Amalgam	818	723	582	187	286
Composite	36	25	15	7	6
Permanent teeth extracted	191	93	93	90	99
<b><u>Adults</u></b>					
Temporary fillings inserted	1,482	1,600	1,663	1,511	1,453
Permanent fillings inserted : Amalgam	1,401	1,287	1,312	1,390	1,221
Composite	605	549	591	556	408
Teeth extracted	3,561	3,804	4,230	4,260	4,492
<b><u>OTHER DENTAL CARE</u></b>					
Treatment of paradontal disease (scaling)	492	376	446	530	472
Treatment of dental abscess	1,339	940	1,055	1,405	1,465
Application of pit and fissure sealants	183	500	-	231	326
Endodontic treatment	143	125	156	156	204

NB: Drastic changes in certain yearly figures are mainly due to administrative reasons

**TABLE C: ORTHODONTIC ACTIVITY**

ACTIVITY					
	2014	2015	2016	2017	2018
No of impressions taken	60	49	46	50	36
No of appliances delivered	56	47	46	43	35
No of appliances repaired	-	-	-	1	-

ISLAND OF RODRIGUES

**DISTRIBUTION OF CERTAIN NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES 2003 – 2018**

DISEASE YEAR	HIV/AIDS <sup>@</sup>	AMOEBIASIS	FOOD POISONING*	GONORRHOEA <sup>#</sup>	HEPATITIS <sup>#</sup>		LEPROSY	LEPTOSPIROSIS	MALARIA (IMPORTED)	MEASLES	MENINGITIS <sup>#</sup>	SYPHILIS <sup>#</sup>	TUBERCULOSIS*	
					B	C							PULMONARY	OTHER
2003	2	-	-	..	...	...	-	-	-	27	-	..	-	-
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	-
<b>2018</b>	<b>13</b>	<b>-</b>	<b>28</b>	<b>71</b>	<b>35</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>148</b>	<b>5</b>	<b>-</b>

\*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

## ISLAND OF RODRIGUES

**CERTAIN PRINCIPAL CAUSES OF DISCHARGES FROM HOSPITAL AND HEALTH CENTRES - 2018**

(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		886	886	8.1
2 Delivery without mention of complications		636	636	5.8
3 Injuries (Crushing & superficial injuries, fractures, open wounds, dislocations, sprains & strains)	582	298	880	8.1
4 Diabetes mellitus	169	228	397	3.6
5 Acute upper respiratory infections	240	273	513	4.7
6 Bronchitis (chronic and unspecified, emphysema, and asthma)	114	85	199	1.8
7 Hypertensive disease	106	193	299	2.7
8 Gastritis and duodenitis	143	175	318	2.9
9 Nausea and vomiting	50	61	111	1.0
10 Ill-defined intestinal infections (colitis, enteritis, gastro-enteritis, diarrhoea)	165	223	388	3.6
11 Epilepsy	122	67	189	1.7
12 Heart diseases #	154	97	251	2.3
13 Cellulitis and abscess	156	115	271	2.5
14 Abdominal pain	61	108	169	1.5
15 Dorsopathies including spondylopathies	82	89	171	1.6
16 Poisonings and toxic effects	75	52	127	1.2
17 Anaemias	44	122	166	1.5
18 Complications following spontaneous and other abortions		131	131	1.2
19 Fever (Pyrexia) of unknown origin	37	31	68	0.6
20 Malaise and fatigue	11	39	50	0.5
21 Diseases of eye and adnexa	69	61	130	1.2
22 Convulsions	54	34	88	0.8
23 Cerebrovascular disease	70	69	139	1.3
24 Non-dependent abuse of alcohol	30	8	38	0.3
25 Symptoms involving heart beat & cardiac murmurs	24	35	59	0.5
26 Alcohol dependence syndrome	66	-	66	0.6
27 Appendicitis	48	68	116	1.1
28 Symptoms involving urinary system	39	7	46	0.4
29 Headache	10	23	33	0.3
30 Non-inflammatory disorders of vagina		4	4	0.0
31 Dyspnoea and other abnormalities of breathing	14	20	34	0.3
32 Rheumatism, unspecified	0	0	0	0.0
33 Chest pain	14	6	20	0.2
34 Gout	21	3	24	0.2
All other causes	1,730	2,177	3,907	35.8
<b>TOTAL</b>	<b>4,500</b>	<b>6,424</b>	<b>10,924</b>	<b>100.0</b>

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

ISLAND OF RODRIGUES  
**DISCHARGES FROM HOSPITAL AND HEALTH CENTRES**  
**BY I.C.D. (10th REVISION) CHAPTER AND SEX – 2018**

CHAPTER (I.C.D. 10th Revision )	DISCHARGES			
	MALE	FEMALE	TOTAL	
			No.	%
1. Certain infectious & parasitic diseases	230	281	511	4.7
2. Neoplasms	80	163	243	2.2
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	53	126	179	1.6
4. Endocrine, nutritional & metabolic diseases	185	288	473	4.3
5. Mental & behavioural disorders	234	164	398	3.6
6. Diseases of the nervous system	155	113	268	2.5
7. Diseases of the eye & adnexa	69	61	130	1.2
8. Diseases of the ear & mastoid process	20	22	42	0.4
9. Diseases of the circulatory system	398	393	791	7.2
10. Diseases of the respiratory system	538	500	1,038	9.5
11. Diseases of the digestive system	444	433	877	8.0
12. Diseases of the skin & subcutaneous tissue	255	222	477	4.4
13. Diseases of the musculoskeletal system & connective tissue	209	219	428	3.9
14. Diseases of the genitourinary system	234	593	827	7.6
15. Pregnancy, childbirth & the puerperium		1,653	1,653	15.1
16. Certain conditions originating in the perinatal period	133	133	266	2.4
17. Congenital malformations, deformations & chromosomal abnormalities	31	20	51	0.5
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	424	479	903	8.3
19 & 20. Injury, poisoning & certain other consequences of external causes	657	350	1,007	9.2
21. Factors influencing health status & contact with health services	151	211	362	3.3
<b>TOTAL</b>	<b>4,500</b>	<b>6,424</b>	<b>10,924</b>	<b>100.0</b>

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 - 2018**

	CAUSE (I.C.D. 10TH REVISION)	MALE	FEMALE	TOTAL	
				No.	%
1	Tonsillitis, laryngitis, nasopharyngitis (common cold), sore throat, URTI	1,500	1,201	2,701	23.8
2	Cough, pain in throat, chest pain, wheezing, hiccough, sneezing	542	668	1,210	10.6
3	Fever / pain all over	307	351	658	5.8
4	Abdominal and epigastric pain	236	284	520	4.6
5	Gastritis and duodenitis	231	201	432	3.8
6	Sinusitis, rhinitis, nasal polyp, blocked nose	180	231	411	3.6
7	Headache, dizziness, giddiness	144	239	383	3.4
8	Dermatitis, eczema, itching, ingrowing nail, acne, vitiligo and other diseases of the skin and subcutaneous tissue (excluding skin abscess etc - see below)	150	220	370	3.3
9	Spondylosis, neck pain, low back pain, backache	154	187	341	3.0
10	Gastroenteritis and diarrhoea of presumed infectious origin	158	178	336	3.0
11	Helminthiasis (worms).	155	167	322	2.8
12	Influenza	144	169	313	2.8
13	Gout, arthritis, pain in joint	130	132	262	2.3
14	Scabies.	127	135	262	2.3
15	Superficial injury, open wound, sprain/strain, fractures, burns and other injuries	142	75	217	1.9
16	Cystitis, urinary tract infection	87	126	213	1.9
17	Vaginitis, bleeding PV, leukorrhoea, menstrual disorders		212	212	1.9
18	Indigestion, constipation, irritable bowel syndrome, anal / rectal abscess	101	94	195	1.7
19	Rheumatism, muscular pain, myalgia, pain in limb	83	105	188	1.7
20	Otitis, wax in ear, earache and other diseases of the ear and mastoid process	75	112	187	1.6
21	Skin abscess, boil, cellulitis, cyst, septic leg (non-diabetic)	92	84	176	1.5
22	Nausea and vomiting	60	102	162	1.4
23	Malaise, fatigue, weakness, blackout, fainting and other symptoms and signs	55	102	157	1.4
24	Conjunctivitis	64	73	137	1.2
25	Bronchitis, emphysema, asthma	52	82	134	1.2
26	Localised swelling, mass, lump of skin, rash	62	61	123	1.1
27	Migraine and other diseases of the nervous system	28	55	83	0.7
28	Hypertension	34	37	71	0.6
29	Anemias	15	55	70	0.6
30	Malnutrition and other nutritional deficiencies	32	38	70	0.6
	All other causes	195	252	447	3.9
	<b>TOTAL</b>	<b>5,335</b>	<b>6,028</b>	<b>11,363</b>	<b>100.0</b>



ISLAND OF RODRIGUES  
**FIRST ATTENDANCES AT COMMUNITY HEALTH CENTRES FOR THE TREATMENT  
 OF COMMON DISEASES AND INJURIES  
 BY I.C.D. CHAPTER AND SEX – 2018**

CHAPTER (I.C.D. 10th REVISION)	FIRST ATTENDANCES			
	MALE	FEMALE	TOTAL	
			No.	%
1. Certain infectious & parasitic diseases	470	514	984	8.7
2. Neoplasms	3	-	3	0.0
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	18	59	77	0.7
4. Endocrine, nutritional & metabolic diseases	42	59	101	0.9
5. Mental & behavioural disorders	18	9	27	0.2
6. Diseases of the nervous system	28	55	83	0.7
7. Diseases of the eye & adnexa	91	109	200	1.8
8. Diseases of the ear & mastoid process	75	112	187	1.6
9. Diseases of the circulatory system	48	54	102	0.9
10. Diseases of the respiratory system	1,882	1,695	3,577	31.5
11. Diseases of the digestive system	365	328	693	6.1
12. Diseases of the skin & subcutaneous tissue	242	304	546	4.8
13. Diseases of the musculoskeletal system & connective tissue	374	449	823	7.2
14. Diseases of the genitourinary system	92	346	438	3.9
15. Pregnancy, childbirth & the puerperium	-	2	2	0.0
16. Certain conditions originating in the perinatal period	-	-	0	0.0
17. Congenital malformations, deformations & chromosomal abnormalities	32	37	69	0.6
18 Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	1,411	1,818	3,229	28.4
19 & Injury, poisoning & certain other consequences of 20 external causes	144	78	222	2.0
<b>TOTAL</b>	<b>5,335</b>	<b>6,028</b>	<b>11,363</b>	<b>100.0</b>

ISLAND OF RODRIGUES  
**EARLY NEONATAL DEATHS - 2018**  
 ( Deaths under one week [ age group 0 - 6 days ] )

CAUSE ( I.C.D. 10 )	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Birth Asphyxia	2	0	2	33.3
Respiratory Distress Syndrome	0	3	3	50.0
Birth Aspiration	1	0	1	16.7
<b>TOTAL EARLY NEONATAL DEATHS</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>100.0</b>

**LATE NEONATAL DEATHS - 2018**  
 ( Deaths between one and four weeks [ age group 7 - 27 days ] )

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

**POST-NEONATAL DEATHS – 2018**  
 ( Deaths between four weeks and one year [ age group 28 - 364 days ] )

CAUSE ( I.C.D. 10 )	NUMBER OF DEATHS		
	MALE	FEMALE	TOTAL
Congenital Malformation	1	2	3
Dehydration	1	0	1
Metabolic Disorder	0	1	1
Purpura fulminans	0	1	1
<b>Total Post Neonatal Deaths</b>	<b>2</b>	<b>4</b>	<b>6</b>

**INFANT DEATHS – 2018**  
 ( Deaths under one year [ age group 0 - 364 days ] )

CAUSE ( I.C.D. 10 )	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Septicaemia	0	1	1	7.7
Respiratory Distress Syndrome	0	3	3	23.1
Birth Asphyxia	2	0	2	15.4
Birth Aspiration	1	0	1	7.7
Dehydration	1	0	1	7.7
Congenital Malformations	1	2	3	23.1
Metabolic Disorder	0	1	1	7.7
Purpura Fulmanans	0	1	1	7.7
<b>TOTAL INFANT DEATHS</b>	<b>5</b>	<b>8</b>	<b>13</b>	<b>100.0</b>

ISLAND OF RODRIGUES  
CHILD<sup>@</sup> DEATHS - 2018

CAUSE (I.C.D 10)	NUMBER OF DEATHS		
	Male	Female	Total
Bronchopneumonia	0	1	1
Anaemia	0	1	1
<b>Total</b>	0	2	2

<sup>@</sup> aged 1-4 years

INFANT ( UNDER ONE YEAR) DEATHS BY SEX AND DETAILED AGE - 2018

AGE AT DEATH	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Under 1 day	0	-	0	-	0	0.0
1 day	1	20.0	1	12.5	2	15.4
2 days	1	20.0	1	12.5	2	15.4
3 days	0	-	1	12.5	1	7.7
4 days	1	20.0	0	-	1	7.7
5 days	0	-	0	-	0	0.0
6 days	0	-	0	-	0	0.0
<b>Sub-total 0 - 6 days</b>	<b>3</b>	<b>60.0</b>	<b>3</b>	<b>37.5</b>	<b>6</b>	<b>46.2</b>
7 - 13 days	0	0.0	0	-	0	0.0
14 - 20 days	0	0.0	0	-	0	0.0
21 - 27 days	0	-	1	12.5	1	7.7
<b>Sub-total 0 - 27 days</b>	<b>3</b>	<b>60.0</b>	<b>4</b>	<b>50.0</b>	<b>7</b>	<b>53.8</b>
28 - 59 days	0	-	0	-	0	-
2 months	1	20.0	0	-	1	7.7
3 months	0	-	0	-	0	-
4 months	0	-	0	-	0	-
5 months	0	-	1	12.5	1	7.7
<b>Sub-total under 6 months</b>	<b>4</b>	<b>80.0</b>	<b>5</b>	<b>62.5</b>	<b>9</b>	<b>69.2</b>
6 months	0	-	0	-	0	-
7 months	0	-	0	-	0	-
8 months	0	-	3	37.5	3	23.1
9 months	0	-	0	-	0	-
10 months	1	-	0	-	1	7.7
11 months	0	-	0	-	0	-
<b>TOTAL UNDER ONE YEAR</b>	<b>5</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>

ISLAND OF RODRIGUES  
**SELECTED CAUSES OF DEATH (ALL AGES) – 2018**

	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Acute myocardial infarction and other ischaemic heart diseases	27	19.3	18	14.3	45	16.9
Heart Failures	2	1.4	2	1.6	4	1.5
Cardiac Arrest	4	2.9	3	2.4	7	2.6
Pulmonary heart disease	1	0.7	-	0.0	1	0.4
Other heart diseases	3	2.1	3	2.4	6	2.3
Cerebrovascular disease	15	10.7	16	12.7	31	11.7
Hypertensive disease	4	2.9	11	8.7	15	5.6
Diabetes mellitus	15	10.7	28	22.2	43	16.2
Malignant neoplasm of trachea, bronchus and lung	3	2.1	1	0.8	4	1.5
Malignant neoplasm of breast	-	0.0	3	2.4	3	1.1
Malignant neoplasm of stomach	-	0.0	-	0.0	-	0.0
Malignant neoplasm of uterus (inc. cervix uteri)	-	0.0	3	2.4	3	1.1
Malignant neoplasm of hepatocellular	1	0.7	-	0.0	1	0.4
Malignant neoplasm of lip, oral cavity and pharynx	-	0.0	-	0.0	0	0.0
Malignant neoplasm of pancreas	-	0.0	-	0.0	-	0.0
Malignant neoplasm of prostate	4	2.9	-	0.0	4	1.5
Pneumonia	1	0.7	1	0.8	2	0.8
Asthma	2	1.4	-	0.0	2	0.8
Pulmonary oedema	1	0.7	-	0.0	1	0.4
Chronic obstructive airway disease	1	0.7	1	0.8	2	0.8
Land Transport Accidents	5	3.6	-	0.0	5	1.9
Suicide	2	1.4	-	0.0	2	0.8
Homicide	1	0.7	-	0.0	1	0.4
Accidental drowning and submersion	-	0.0	-	0.0	-	0.0
Diseases of liver (inc. alcoholic cirrhosis)	1	0.7	1	0.8	2	0.8
Renal failures	2	1.4	-	0.0	2	0.8
Senility	-	0.0	1	0.8	1	0.4
Septicaemia unspecified	2	1.4	4	3.2	6	2.3
Gastrointestinal haemorrhage unspecified	-	0.0	4	3.2	4	1.5
All other causes	43	30.7	26	20.6	69	25.9
TOTAL	140	100.0	126	100.0	266	100.0

## ISLAND OF RODRIGUES

## DEATHS (ALL AGES) BY I.C.D. CHAPTER AND SEX - 2018

CAUSE ( ICD - 10 )	DEATHS					
	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
1. Certain infectious & parasitic diseases	2	1.4	5	4.0	7	2.6
2. Neoplasms	18	12.9	12	9.5	30	11.3
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	3	2.1	2	1.6	5	1.9
4. Endocrine, nutritional & metabolic diseases	19	13.6	31	24.6	50	18.8
5. Mental & behavioural disorders	1	0.7	-	-	1	0.4
6. Diseases of the nervous system	1	0.7	1	0.8	2	0.8
7. Diseases of the eye & adnexa	-	-	-	-	-	-
8. Diseases of the ear & mastoid process	-	-	-	-	-	-
9. Diseases of the circulatory system	56	40.0	53	42.1	109	41.0
10. Diseases of the respiratory system	14	10.0	4	3.2	18	6.8
11. Diseases of the digestive system	4	2.9	5	4.0	9	3.4
12. Diseases of the skin & subcutaneous tissue	1	0.7	2	1.6	3	1.1
13. Diseases of the musculoskeletal system & connective tissue	-	-	0	0.0	0	0.0
14. Diseases of the genitourinary system	5	3.6	1	0.8	6	2.3
15. Pregnancy, childbirth & the puerperium	-	-	-	-	-	-
16. Certain conditions originating in the perinatal period	3	2.1	4	3.2	7	2.6
17. Congenital malformations, deformations & chromosomal abnormalities	1	0.7	2	1.6	3	1.1
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	1	0.7	3	2.4	4	1.5
19. Injury, poisoning & certain other consequences of external causes	11	7.9	1	0.8	12	4.5
<b>TOTAL</b>	<b>140</b>	<b>100.0</b>	<b>126</b>	<b>100.0</b>	<b>266</b>	<b>100.0</b>

## ISLAND OF RODRIGUES

**DISTRIBUTION OF DEATHS BY AGE-GROUP AND SEX, AND AGE-SPECIFIC DEATH RATES**

PER 1,000 MID-YEAR RESIDENT POPULATION - 2018

AGE-GROUP (years)	DEATHS					DEATH RATES		
	MALE	FEMALE	BOTH SEXES			MALE	FEMALE	BOTH SEXES
	Number	Number	Number	Percentage	Cumulative Percentage			
Under 1	5	8	13	4.9	4.9	12.8	20.0	16.5
1 - 4	-	2	2	0.8	5.6	0.0	1.4	0.7
5 - 9	-	-	-	0.0	5.6	0.0	0.0	0.0
10 - 14	2	-	2	0.8	6.4	1.0	0.0	0.5
15 - 19	2	-	2	0.8	7.1	1.0	0.0	0.5
20 - 24	1	0	1	0.4	7.5	0.6	0.0	0.3
25 - 29	2	4	6	2.3	9.8	1.5	2.8	2.2
30 - 34	1	1	2	0.8	10.5	0.8	0.7	0.8
35 - 39	4	2	6	2.3	12.8	2.5	1.1	1.8
40 - 44	7	5	12	4.5	17.3	4.8	3.4	4.1
45 - 49	8	3	11	4.1	21.4	6.7	2.3	4.4
50 - 54	6	1	7	2.6	24.1	5.1	0.8	3.0
55 - 59	10	6	16	6.0	30.1	9.9	5.7	7.8
60 - 64	9	7	16	6.0	36.1	9.9	8.0	9.0
65 - 69	11	6	17	6.4	42.5	19.0	10.3	14.7
70 - 74	17	16	33	12.4	54.9	41.5	31.4	35.9
75 - 79	28	21	49	18.4	73.3	90.3	52.5	69.0
80 - 84	9	17	26	9.8	83.1	47.4	60.7	55.3
85 & over	18	27	45	16.9	100.0	150.0	117.4	128.6
ALL AGES	140	126	266	100.0		6.6	5.7	6.2

<b>REPUBLIC OF MAURITIUS</b>	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.
<b>RESIDENT POPULATION</b>	The “resident population” comprises all persons residing in the country at a point in time.
<b>BIRTHWEIGHT</b>	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.
<b>BIRTHWEIGHT (LOW)</b>	A birthweight of less than 2,500 grammes (up to, and including 2,499 grammes).
<b>CAUSES OF DEATH</b>	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.
<b>CHILDBEARING YEARS</b>	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.
<b>DEATH</b>	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.
<b>DEATH CERTIFICATE</b>	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.
<b>EPIDEMIC</b>	Infections, diseases occurring suddenly in numbers clearly in excess of normal expectancy.
<b>FECUNDITY</b>	The physiological capacity to reproduce.
<b>FERTILITY</b>	The actual reproductive performance.
<b>FOETAL DEATH</b>	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 <sup>th</sup> week of gestation.
<b>GESTATIONAL AGE</b>	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).

<b>LIFE EXPECTANCY</b>	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.
<b>LIFE TABLES</b>	Any of various tables describing mortality and survival data for groups of individuals at specific times or over defined intervals
<b>LIVE BIRTH</b>	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).
<b>MORBIDITY</b>	The measurement of illness in a population.
<b>MORTALITY</b>	The frequency and characteristics of deaths in a population.
<b>NATALITY</b>	The frequency and characteristics of births in a population.
<b>NATURAL INCREASE</b>	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".
<b>NEONATAL INTENSIVE CARE</b>	Provision of treatment to newborns who are in critical conditions (normally after birth) necessitating life saving care.
<b>NUPTIALITY</b>	The frequency and characteristics of marriages in a population.
<b>PANDEMIC</b>	A widespread epidemic of a disease distributed or occurring widely throughout a region/country/continent or globally
<b>PARADONTAL DISEASES</b>	Disease of the soft tissue surrounding the tooth
<b>POSTNATAL EXAMINATIONS</b>	Examination and care of mother after delivery
<b>VITAL STATISTICS</b>	Demographic data on live births, stillbirths, deaths and marriages.

### **FERTILITY RATES**

<b>AGE-SPECIFIC FERTILITY RATE</b>	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.
<b>CRUDE BIRTH RATE</b>	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.



<b>GENERAL FERTILITY RATE</b>	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.
<b>GROSS REPRODUCTION RATE</b>	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.
<b>NET REPRODUCTION RATE</b>	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.
<b>TOTAL FERTILITY RATE</b>	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**

<b>AGE SPECIFIC DEATH RATE</b>	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.
<b>CAUSE SPECIFIC DEATH RATE</b>	Number of deaths due to a specific disease/s divided by mid year population multiplied by 10,000
<b>CRUDE DEATH RATE</b>	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.
<b>INFANT MORTALITY RATE</b>	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.
<b>NEONATAL MORTALITY RATE</b>	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.

<b>EARLY NEONATAL MORTALITY RATE</b>	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.
<b>LATE NEONATAL MORTALITY RATE</b>	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.
<b>POST-NEONATAL MORTALITY RATE</b>	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.
<b>PERINATAL MORTALITY RATE</b>	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.
<b>CHILD (OR EARLY CHILDHOOD) MORTALITY RATE</b>	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).
<b>UNDER FIVE MORTALITY RATE</b>	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.
<b>MATERNAL MORTALITY RATIO</b>	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.
<b>INCIDENCE RATE</b>	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.

### MORBIDITY RATES

<b>PREVALENCE RATE</b>	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.
<b>BED OCCUPANCY RATE</b>	The percentage of the sum of all occupied beds days divided by the sum of all available bed days.
<b>STILLBIRTH (OR LATE FOETAL MORTALITY) RATE</b>	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>B.C.G</b>	Bacille Calmette-Guerin (tuberculosis)
<b>D.P.T</b>	Diphtheria, Pertussis (whooping cough) and Tetanus
<b>H.I.B</b>	Haemophilus Influenzae Type B
<b>O.P.V</b>	Oral Polio
<b>HEP.B</b>	Hepatitis B
<b>M.M.R</b>	Measles, Mumps and Rubella
<b>D.T</b>	Diphtheria and Tetanus
<b>T.T</b>	Tetanus Toxoid
<b>IPV</b>	Inactivated Polio
<b>HPV</b>	Human Papillo Virus



