

Ministry of Health  
and  
Quality of Life

# Health Statistics Report

# 2016

*Island of Mauritius  
and  
Island of Rodrigues*

A publication of the Health Statistics Unit,  
Ministry of Health and Quality of Life  
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 since 1988, one pertaining 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.

June, 2017

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**Executive Summary**

<b>Part I : Island of Mauritius</b>	<b>Page</b>
<b>SELECTED HEALTH VARIABLES AND INDICATORS 2016</b>	i, ii
<b>HEALTH SITUATION ANALYSIS</b>	1-21
<b>Selected indicators pertaining to the Republic of Mauritius</b>	22 *
<b>TIME SERIES ON:</b>	
- <i>Stillbirths Rate 2001-2016</i>	23 *
- <i>Infant Mortality Rate 2001-2016</i>	24 *
- <i>Under 5 Mortality Rate 2001-2016</i>	25 *
- <i>Maternal Mortality Ratio 2001-2016</i>	26 *
- <i>Low Birth Weight 2000-2016</i>	27 *
- <i>Statistics on Caesarian Section</i>	28
- <i>Complications following abortions ( including spontaneous )</i>	29
- <i>Admissions due to Selected diseases</i>	30
- <i>First attendances at Primary Health Care Centres for Selected diseases</i>	31
- <i>Incidence rates of certain communicable diseases</i>	32 *
- <i>Mortality due to main Non-Communicable diseases</i>	32
<b>POPULATION AND VITAL STATISTICS</b>	
Estimated resident population by sex 31 December 2016	33 *
Livebirths, crude birth rate, deaths and crude death rate	34 *
Stillbirths and infant deaths (numbers and rates) 1993 - 2016	35
Population and vital statistics by district (numbers) - 2016	36 *
Population and vital statistics by district (rates) - 2016	36 *
Life expectancy (Republic of Mauritius) 2006 - 2015	36 *
Population by region (urban and rural) as at mid-year 2016	37
Fertility rates 2016	37 *
Life expectancy (Island of Mauritius) 2009 - 2015	37
Population by age-group and sex as at mid-year 2016	38
<b>INFRASTRUCTURE AND PERSONNEL</b>	
Health services as at 31.12.2016	39 *
Bed situation as at 31.12.2016	39 *
Health manpower 2008- 2016	40 *
Health manpower (additional data) 2016	41
<b>MATERNAL AND CHILD HEALTH</b>	
Maternal and child health activities 2016	42 *
Expanded Programme on Immunization 2016	42 *
Maternal and child health activities by district - 2016	43
Maternal and child health activities by district (additional data) - 2016	44
Activities of the Expanded Programme on Immunization by district - 2016	44
Indicators related to antenatal care	45

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

Immunizations reported 2012- 2016	TABLE OF CONTENTS	46	
Immunizations coverage rates - 2016		47	*
Immunizations coverage rates 2000-2016		48	*
Immunizations reported by population covered - 2016		49	

## **OTHER SERVICES**

Work performed in hospitals - 2016		50	
Haemodialysis, CT-Scan and MRI in Regional Hospitals - 2016		51	
Non-traumatic amputations		51	
Deliveries performed in general hospitals 2000 - 2016		52	
Livebirths registered among teenagers		52	
Activity of the X-Ray Department - 2016		53	
Out-patient attendances at Specialist Clinics - 2016		53	
Out-patient attendances at certain ancillary services 2014-2016		53	
Attendances at Primary Health Care Centres - 2016		54	
Summary on pre-primary and primary school health service by district - 2016		55	*
Primary school health statistics by standard - 2016		56	*
Cash gift coupons distributed		57	*
Home Nursing Care Services		57	
Noise monitoring		57	
Screening of primary and pre-primary school children - 2016		58	
Dental health service activities (Preventive service) 2013 - 2016		58	
Dental health service activities (Curative service) 2012 - 2016		59	
Pathological tests by category - 2016		60	*
Selected Laboratory confirmed cases of communicable diseases 2005-2016		60	*
Pathological tests (positivity rates) - 2014- 2016		61	*
Basic Sanitation and Food Hygiene Statistics 2012 - 2016		62	
Statistics on Cigarettes and alcoholic products		62	*
Activities of the Community Based Rehabilitation Programme 2012-2016		63	
Cases referred abroad by government health services		63	

## **NOTIFIABLE DISEASES**

Notifiable diseases reported 2001 - 2016		64	*
Notifiable diseases reported by month - 2016		65	
Notifiable diseases reported by district - 2016		66	
Certain notifiable diseases reported by age-group and sex - 2016		67	
Acute Flaccid Paralysis (AFP) surveillance 2009-2016		68	*
Diseases Surveillance at hospital level - 2016		68	
New cases of specific diseases attending Area & Community Health Centre 2016		68	
HIV/AIDS statistics by sex 1987 - 2016		69	*
HIV tests carried out 2016		69	*

## **PRIVATE HEALTH INSTITUTIONS**

Selected statistics 2002- 2016		70	
Admissions and other attendances by quarter - 2016		70	
Deliveries - 2016		70	
Admissions and other attendances by cause and sex - 2016		71	
Surgical operations and procedures - 2016		72	

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



**MORBIDITY**

Hospital discharges by cause and sex - 2016	73	
Hospital discharges by ICD chapter and sex - 2016	74	
Hospital discharges by ICD chapter, age-group and sex - 2016	75	
Hospital discharges of children under one year-2016	76	
Hospital discharges due to neoplasm by type and sex - 2016	77	
Hospital discharges due to diseases of the circulatory system by age group and sex -2016	78	
Hospital discharges due to injury & poisoning and sex - 2016	79	
First Attendances at AHC and CHC by cause and sex - 2016	80	
First Attendances at AHC and CHC by ICD chapter and sex - 2016	81	
S. Bharati (eye) Hospital, discharges by cause and sex - 2016	82	
Poudre D'or (chest) Hospital, discharges by cause and sex - 2016	83	
Chest diseases, new cases at out-patient specialist clinics by sex - 2016	83	
Brown Sequard Hospital discharges by cause and sex - 2016	84	
Dermatology, new cases at out-patient specialist clinics by quarter - 2016	85	
E.N.T. , new cases seen by specialists at OPD clinics by quarter - 2016	86	
E.N.T. Centre,cases treated as in-patients - 2016	87	
E.N.T. Centre,Operations on in-patients - 2016	87	
Cardiac Centre,cases treated on in-patients - 2016	88	
New cases of sexually transmitted diseases treated by age and sex - 2016	89	
National Day Care Centres for the Immuno-suppressed, attendances by sex - 2016	89	
Occupational health clinics, new cases seen by sex 2016	90	
Attendances at Ayurvedic Clinics - 2016	91	
New cases of cancer registered -2015	92	*

**INFANT AND CHILD MORTALITY**

Discharges from Neonatal Intensive Care Unit by sex - 2016	93
Infant deaths by age and sex - 2016	94
Breakdown of infant deaths - 2016	95
Infant deaths by cause and sex - 2016	96
Deaths among children aged 0-4 years by cause and sex - 2016	96

**MORTALITY (ALL AGES)**

Deaths by ICD chapter and sex -2016	97
Deaths by ICD chapter and age-group -2016	98
Deaths by principal cause and sex - 2016	99
Deaths by principal cause, sex and age-group - 2016	100
Chapter-specific death rates - 2016	101
Age-specific death rates by sex - 2016	102
Deaths due to diseases of the circulatory system by age-group and sex - 2016	103
Deaths due to neoplasms by type and sex - 2016	104
Deaths due to injury and poisoning by external cause, age group and sex - 2016	105

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

## Part II : Island of Rodrigues

<b>SELECTED HEALTH VARIABLES AND INDICATORS</b>	107
<b>HEALTH SITUATION ANALYSIS</b>	109
<b>POPULATION AND VITAL STATISTICS</b>	
Stillbirths and Infant Deaths (Numbers and Rates) 1992 - 2016	114
Population by Age and Sex as at mid-year 2016	115
<b>HEALTH PERSONNEL</b>	
Selected Health Manpower Statistics as at end-of-year 2014- 2016	116
<b>SERVICE STATISTICS</b>	
Summary of work performed in hospital/Health Centres-2016	117
Work performed in Maternity Sections-2016	117
Cases referred to Mauritius by Queen Elizabeth Hospital	117
Out-patient attendances at hospital/Health Centre - 2016	118
Out-patient attendances at Community Health Centres by quarter - 2016	118
Activities of the Physiotherapy Department of Queen Elizabeth Hospital - 2016	119
Activities of the Radiological Department of Queen Elizabeth Hospital - 2016	119
Activities at the Haemodialysis Unit - 2016	119
Maternal & Child Health Activities - 2016	120
Expanded Programme of Immunisation	121
Basic Sanitation and Food hygiene	121
Activities of the Dental Health Service 2012 - 2016	122
<b>MORBIDITY</b>	
Distribution of Notifiable Diseases 2001 - 2016	123
Principal Causes of Hospital and Health Centres Discharges by Sex - 2016	124
Hospital and Health Centres Discharges by I.C.D. Chapter & Sex -2016	125
Principal Causes of First Attendances at C.H.C by Sex - 2016	126
First Attendances at Community Health Centres by I.C.D. Chapter & Sex- 2016	127
<b>INFANT AND CHILD MORTALITY</b>	
Causes of Infant Deaths - 2016	128
Causes of Child Deaths - 2016	129
Infant Deaths by Sex and Age - 2016	129
<b>MORTALITY (ALL AGES)</b>	
Principal Causes of Death by Sex - 2016	130
Deaths by I.C.D. Chapter and Sex - 2016	131
Deaths by Age-group and Sex - 2016	132
<b>GLOSSARY</b>	133

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# Health Statistics Report 2016

## 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 2016 Report are as follows:

### ISLAND OF MAURITIUS

- The estimated resident population as at 31 December 2016 was 1,221,150 compared to 1,220,530 as at 31 December 2015, representing an increase of 620, that is, 0.05%.
- In the period 2000 to 2016, life expectancy at birth increased by 3.0 years for men (from 68.1 to 71.1 years) and by 2.5 years for women (from 75.3 to 77.8 years).
- A total of 12,330 livebirths were registered in 2016 for a Crude Birth Rate of 10.1 per 1000 mid-year resident population compared to 9.9 in 2015 and 14.0 in 2006.
- In 2016, a total of 9,920 deaths were registered for a Crude Death Rate of 8.1 per 1,000 mid-year population compared to 7.8 in 2015 and to 7.3 in 2006.
- The Infant Mortality Rate was 11.6 per 1,000 live births in 2016 compared to 13.7 in 2015 and to 13.5 in 2006.
- 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 number of Doctors working in the Ministry of Health and Quality of Life increased from 852 at the end of 2008 to 1,155 in 2016.
- 3,686 qualified Nurses and Midwives were in post at the end of 2016 in the public sector compared to 3,179 in 2008.
- There were 3,707 beds in Government Hospitals at the end of 2016, with an average occupancy rate of 75.5%.
- The number of admissions in Government Hospitals in 2016 was 208,847 and the number of operations performed on them was 45,671.
- In 2016, 141,286 cases were seen as outpatients at Orthopaedics clinics, 121,768 at Cardiology clinics, 114,744 at General Medicine clinics, and 99,046 at General Surgery clinics.

- Data obtained from the Mauritius Revenue Authority indicate that the number of imported cigarette sticks was 858 million in 2016 compared to 1.0 billion in 2012.
- The number of newly detected HIV/AIDS cases among Mauritians was 319 in 2016 compared to 262 in 2015 and to 320 in 2012.
- 25 cases of malaria, all imported, 24 cases of dengue of which 6 locally transmitted and 7 cases of chikungunya, all imported, were reported in 2016.
- Of all deaths recorded in 2016, *diseases of the circulatory system* were responsible for 35.2%, *endocrine, nutritional and metabolic diseases* (mainly *diabetes*) for 24.1%, *neoplasm (cancers)* for 12.8%, *diseases of the respiratory system* for 8.9% and *injury and poisoning* for 5.0%.

## ISLAND OF RODRIGUES

- The estimated resident population as at 31 December 2016 was 42,396 compared to 42,058 as at 31 December 2015, that is, an increase of 0.8%.
- 752 live births were registered in 2016 for a Crude Birth Rate of 17.8 per 1,000 mid-year resident population compared to 16.2 in 2015.
- In 2016, a total of 254 deaths were registered for a Crude Death Rate of 6.0 per 1,000 mid-year population; the rate was equally 6.0 in 2015.
- The Infant Mortality Rate has increased from 11.7 per 1,000 livebirths in 2015 to 14.6 in 2016.
- At the end of 2016, there were 25 Doctors, 3 Dentists and 183 Nurses and Midwives in post in the public sector. Two Pharmacists were working in the private sector.
- In 2016, 7 cases of HIV/AIDS were registered in the island compared to 11 cases in 2015.
- Of all deaths recorded in 2016, *diseases of the circulatory system* were responsible for 45.7%, *endocrine, nutritional and metabolic diseases* (mainly *diabetes*) for 13.4%, *neoplasm (cancers)* for 11.4%, *diseases of the respiratory system* for 6.7% and *injury and poisoning* for 4.7%.

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 - 2016**

Variable / Indicator	Number / Value	Denominator
<b>POPULATION AND VITAL STATISTICS</b>		
Estimated mid-year resident population	1,221,213	
Population density	655	per square kilometre
Estimated mid-year resident population by sex: male	604,444 (49.5%)	
female	616,769 (50.5%)	
sex ratio	980	males per 1000 females
Estimated end-of-year resident population	1,221,150	
Population density	655	per square kilometre
Estimated female mid-year resident population 15-49 years	310,001	
Percentage of total female population	50.3	
Percentage of total population (both sexes)	25.4	
Estimated mid-year population 60 years and over	189,913	
Percentage of total population	15.6	
Estimated mid-year population 65 years and over	122,821	
Percentage of total population	10.1	
Live births	12,330	
Crude birth rate	10.1	per 1000 mid-year population
Deaths (all ages)	9,920	
Crude death rate	8.1	per 1000 mid-year population
Stillbirths	117	
Stillbirth rate	9.4	per 1000 total births
Perinatal deaths	177	
Perinatal mortality rate	14.2	per 1000 total births
Infant deaths	143	
Infant mortality rate	11.6	per 1000 live births
Deaths under five years	163	
Under-five mortality rate	13.2	per 1000 live births
Maternal deaths	6	
Maternal mortality ratio	0.49	per 1000 live births
Life expectancy at birth <sup>@</sup> (years) :		
Male	71.1	
Female	77.8	
Both Sexes	74.4	
<b>INFRASTRUCTURE AND PERSONNEL</b>		
Beds - public & private sectors	4,360	
Population : bed ratio	280	inhabitants per bed
Doctors - public & private sectors *	2,769	
Population : doctor ratio	441	inhabitants per doctor
Dentists - public & private sectors *	385	
Population : dentist ratio	3,172	inhabitants per dentist
Pharmacists - public & private sectors *	514	
Population : pharmacist ratio	2,376	inhabitants per pharmacist
Nurses (including midwives) - public & private sectors *	4,138	
Population : nurse ratio	295	inhabitants per nurse

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

@ 2015

ii  
**SELECTED HEALTH VARIABLES AND INDICATORS**  
**ISLAND OF MAURITIUS - 2016**

Variable / Indicator	Number / Value	Denominator
<b>MATERNAL AND CHILD HEALTH</b>		
Births attended by qualified personnel <i>Percentage of all births (registered=12,447)</i>	99.8	
Children with a birthweight of less than 2.5 kg <i>Percentage of live births (in hospitals &amp; private clinics=12,307)</i>	17.2	
Total Fertility Rate	1.40	
Net Reproduction Rate	0.70	
<b>IMMUNIZATION ( PUBLIC SECTOR ONLY)</b>		
Children immunized against tuberculosis <i>Immunization coverage</i>	10,531	86.3 per 100 surviving infants
Children immunized against diphtheria, whooping cough and tetanus (DPT 3 <sup>rd</sup> dose) <i>Immunization coverage</i>	10,288	84.3 per 100 surviving infants
Children immunized against measles/mumps/rubella (MMR) <i>Immunization coverage</i>	9,952	81.6 per 100 surviving infants
Pregnant women immunized against tetanus (2nd or higher dose) <i>Immunization coverage</i>	8,186	64.3 per 100 estimated pregnant women
<b>NOTIFIABLE DISEASES (REPUBLIC OF MAURITIUS)</b>		
Cases of tuberculosis reported <i>Incidence rate</i>	122	9.7 per 100,000 mid-year population
Cases of malaria reported : [all imported/introduced ] <i>Incidence rate</i>	25	2.0 per 100,000 mid-year population
Cases of HIV \ AIDS reported ( <i>Mauritians</i> ) <i>Incidence rate</i>	319	25.2 per 100,000 mid-year population
<b>CAUSE OF DEATH</b>		
Deaths due to diseases of the circulatory system <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	3,490	35.2 28.6 per 10,000 mid-year population
Deaths due to endocrine, nutritional and metabolic diseases <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	2,393	24.1 19.6 per 10,000 mid-year population
Deaths due to neoplasms <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	1,265	12.8 10.4 per 10,000 mid-year population
Deaths due to diseases of the respiratory system <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	882	8.9 7.2 per 10,000 mid-year population
Deaths due to injury and poisoning <i>Percentage of total deaths</i> <i>Disease-specific death rate</i>	497	5.0 4.1 per 10,000 mid-year population

## ISLAND OF MAURITIUS

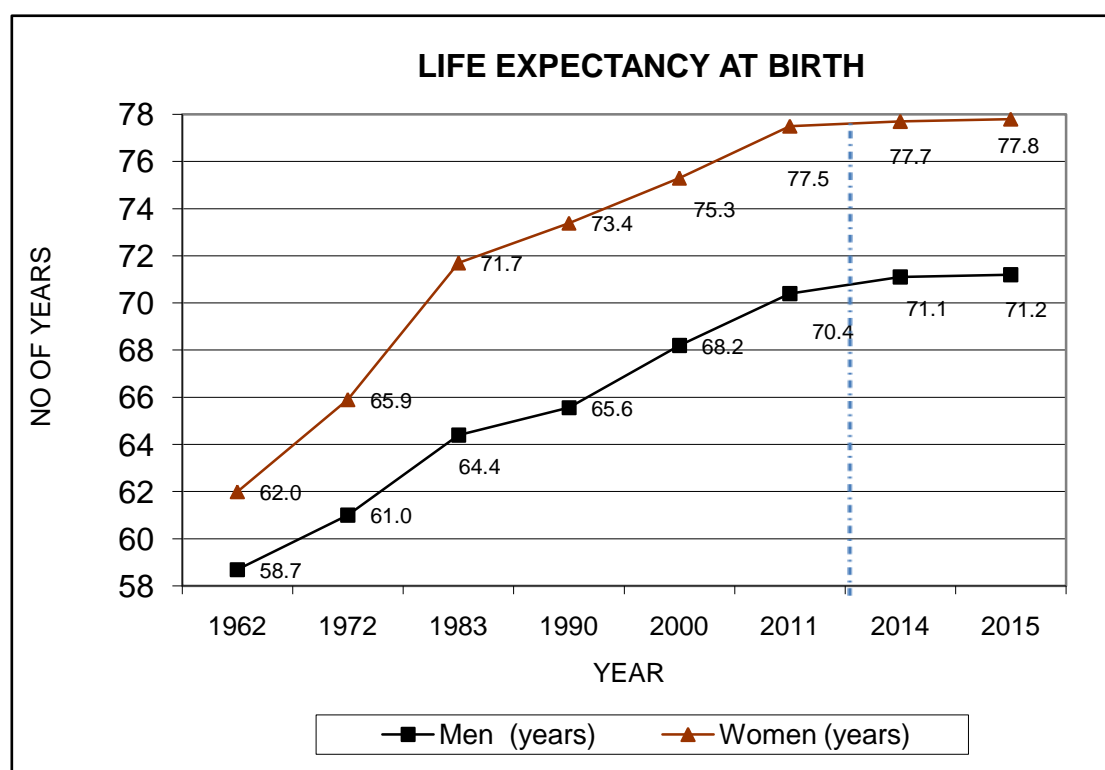
**AN ANALYSIS OF THE HEALTH SITUATION**

This analysis of the health situation in Mauritius includes discussion on population and related vital events, on health care delivery system, services and personnel, and on activities carried out in public and private health institutions. The morbidity patterns and mortality trends have also been discussed. A few parts refer to the Republic of Mauritius and that pertaining to Rodrigues is given at Page 106.

**POPULATION AND VITAL STATISTICS**

The estimated resident population of the Island of Mauritius at the end of 2016 was 1,221,150 (604,352 males and 616,798 females) compared to 1,220,530 in 2015, growing at a rate of 0.05%.

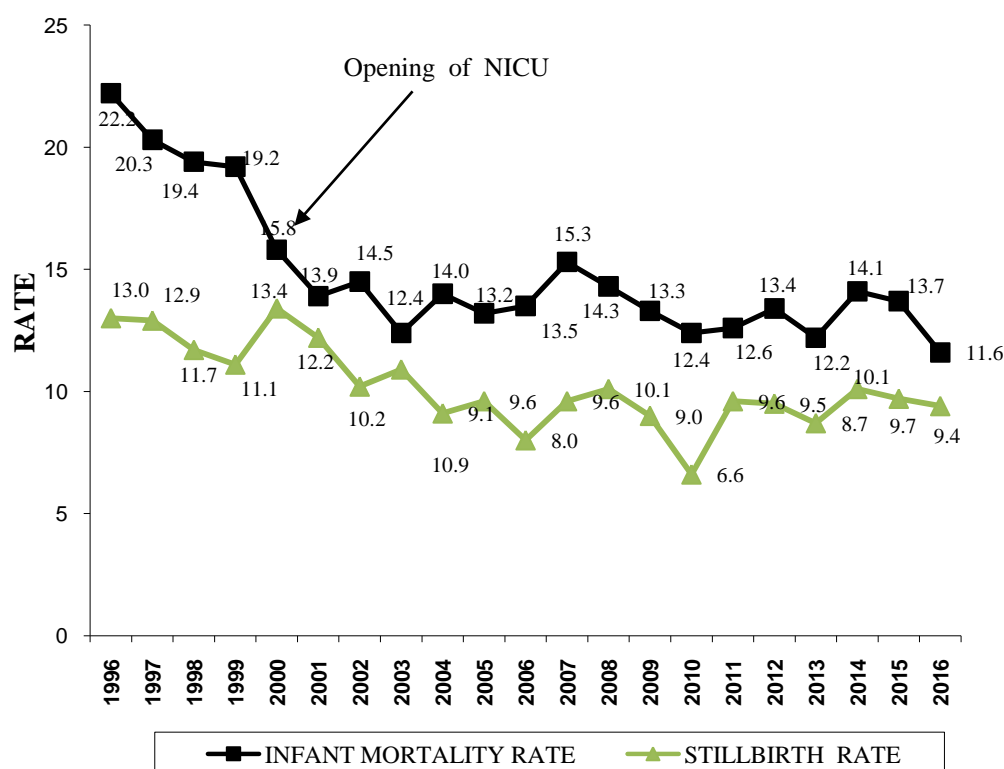
During the year 2016, a total of 12,330 live births was registered, giving a crude birth rate of 10.1 per thousand mid-year resident population compared to 9.9 in 2015. Crude birth rates were continuously decreasing in the period 2002-2015. Life expectancy at birth, which was 68.1 years for males and 75.3 years for females in 2000, has reached 71.1 years and 77.8 years respectively in 2016. These figures may slightly differ with those of the Republic of Mauritius given in the chart below.



## ISLAND OF MAURITIUS

The number of deaths registered in 2016 was 9,920, corresponding to a crude death rate of 8.1 per thousand mid-year resident population compared to 7.8 in 2015. In 2016, a significant increase has been noted in the number of deaths.

The number of infant deaths, that is deaths among children aged under one year, registered in 2016 was 143, corresponding to an infant mortality rate (IMR) of 11.6 per thousand live births compared to 13.7 in 2015 and to 15.3 in 2007. The 2016 IMR figure is the lowest ever recorded one. 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 2016, the number of maternal deaths registered was 6 compared to 4 in 2015. The maternal mortality ratio per 1,000 livebirths was 0.49 and 0.33 respectively. Maternal mortality followed an erratic trend in the period 2010-2016 with an annual average of 6 maternal deaths.



*ISLAND OF MAURITIUS***HEALTH CARE DELIVERY SYSTEM**

In the Island of Mauritius, as at the end of 2016, there were five regional hospitals namely Dr A.G Jeetoo Hospital, Sir S. Ramgoolam Hospital, Flacq Hospital, Pandit J.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 a Cardiac Centre. The number of beds in government health institutions was 3,707 as at the end of 2016.

In the private sector there were, as at the end of 2016, seventeen private health institutions with a total of 653 beds. The total number of beds in the public and private sectors as at the end of 2016 was thus 4,360, that is, 280 inhabitants per bed.

All regional and district hospitals and 4 of the 5 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. Five 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 2016.

**HEALTH PERSONNEL**

At the end of 2016, there were 2,769 doctors registered with the Medical Council of the Republic of Mauritius, that is 21.9 doctors per 10,000 population. 1,155 (41.7%) doctors, including 314 specialists, were employed in the public sector.

There were 385 dentists, of whom 69 in the public sector, at the end of 2016. The corresponding number of pharmacists was 514 and 27 respectively. The number of qualified nurses and midwives in the public and private sectors was 4,138 of whom 3,686 were employed by the Ministry of Health and Quality of Life.

## ISLAND OF MAURITIUS

## INPATIENT SERVICE

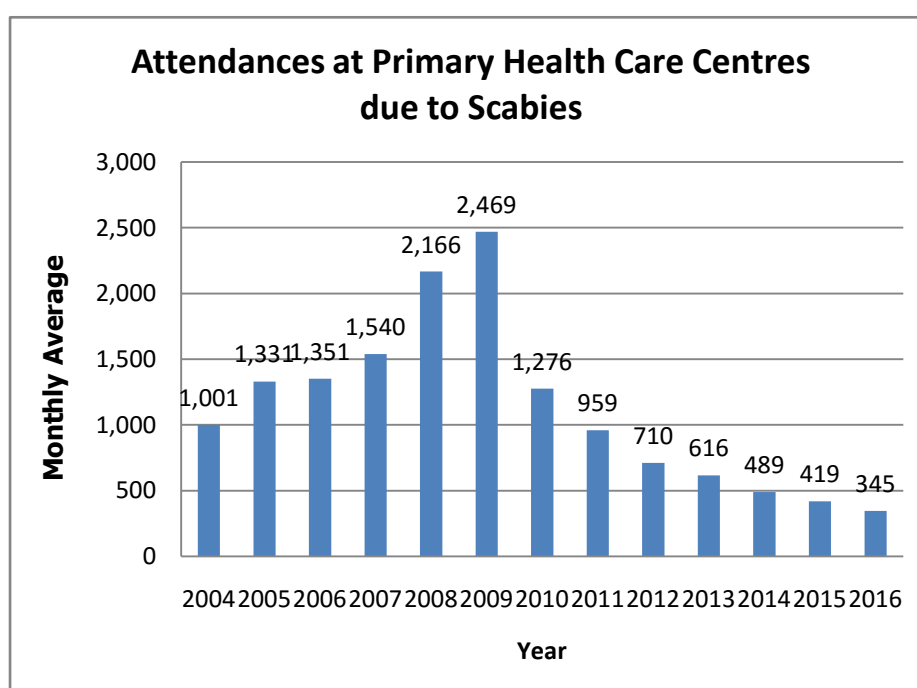
In 2016, the number of admissions (including re-admissions) to government hospitals in the Island of Mauritius was 208,847 compared to 208,421 in 2015. Bed occupancy in the public sector was 75.5% in 2016 compared to 77.0% in 2015 and to 73.5% in 2010.

## OUT-PATIENT SERVICE

In 2016, a total of 5.5 million cases were seen by doctors at the out-patient service points in the public sector, comprising general and specialized hospitals (61%) and primary health care centres (39%).

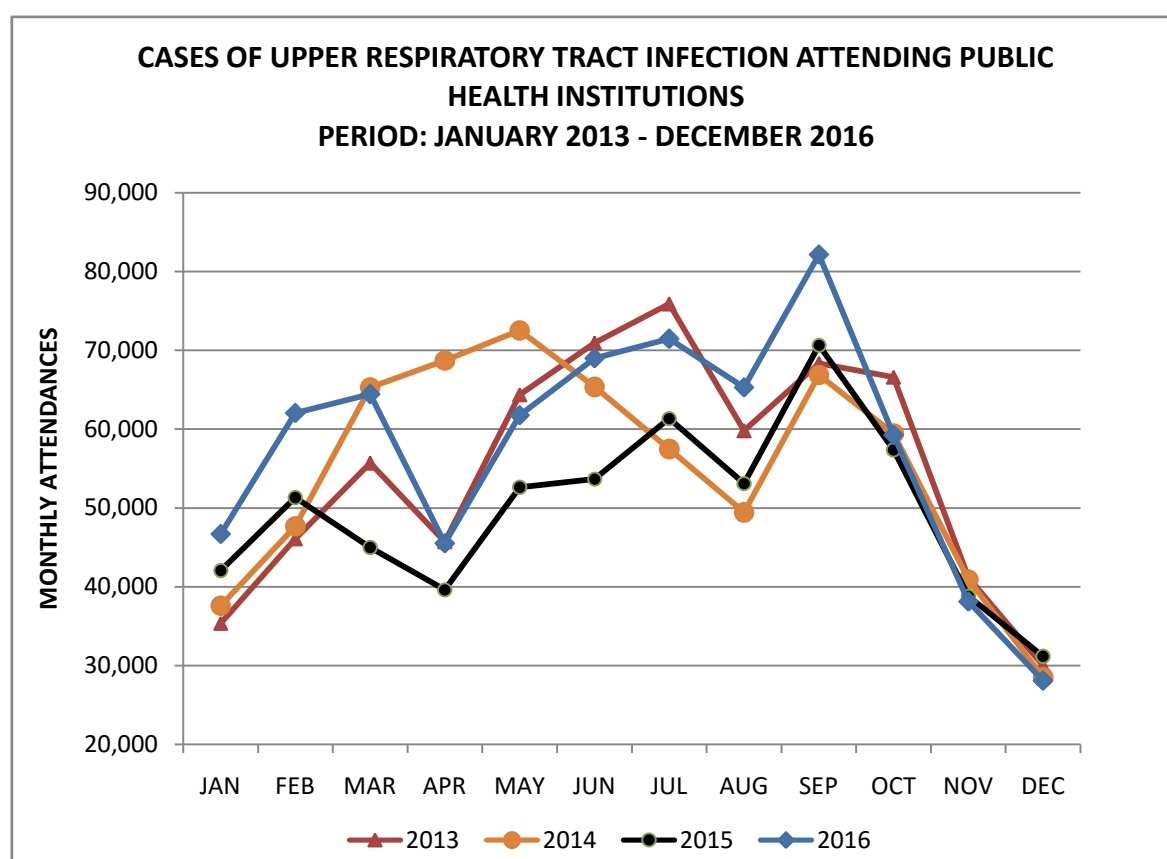
In 2016, attendances for the treatment of common diseases and injuries, including cases seen by doctor, at the Community Hospitals, Medi Clinics, Area & Community Health Centres were 4.73 million, as compared to 4.68 million in 2015 and 2.83 million in 2000. An increase of 1% was noted in the number of attendances between 2015 and 2016.

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. Following the setting up of an enhanced surveillance system, the increasing trend has been reversed. The figure which had reached 419 in 2015 further went down to 345 in 2016. (see chart below).



## ISLAND OF MAURITIUS

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 2016, the figure stood at 693,805 compared to 596,824 in 2015 and to 659,891 in 2014. Monthly attendances due to URTI in the period 2013-2016 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 8,381 in 2015 to 8,661 in 2016. The total number of first and subsequent attendances for antenatal and postnatal examinations and children under 5 years seen at Well Baby clinics has increased from 244,846 in 2015 to 258,569 in 2016.

The percentage of low birth weight (less than 2,500 grammes) among live births in the public sector was 18.2% in 2016 compared to 14.3% in 2000. The percentage of deliveries by caesarian section occurring in government hospitals was 45.4% in 2016 compared to 26.8% in 2000.

## ISLAND OF MAURITIUS

In 2016, the number of livebirths among mothers aged less than 20 years was 1,036, corresponding to 8.4% of the total livebirths registered compared to 10.7% in 2010 when 1,530 livebirths were registered among teenagers.

The number of shots performed on babies by MCH staff in 2016 was 134,327. The number of children immunized against *diphtheria, whooping cough, tetanus, hepatitis B, HIB and poliomyelitis* (3<sup>rd</sup> dose) was 10,323. Those immunized against *poliomyelitis* (3<sup>rd</sup> dose) was 10,424 and against *measles/mumps/rubella (MMR)* 9,952. Two new vaccines were introduced in 2016, namely *pneumococcal* in March and *human papillovirus* in August.

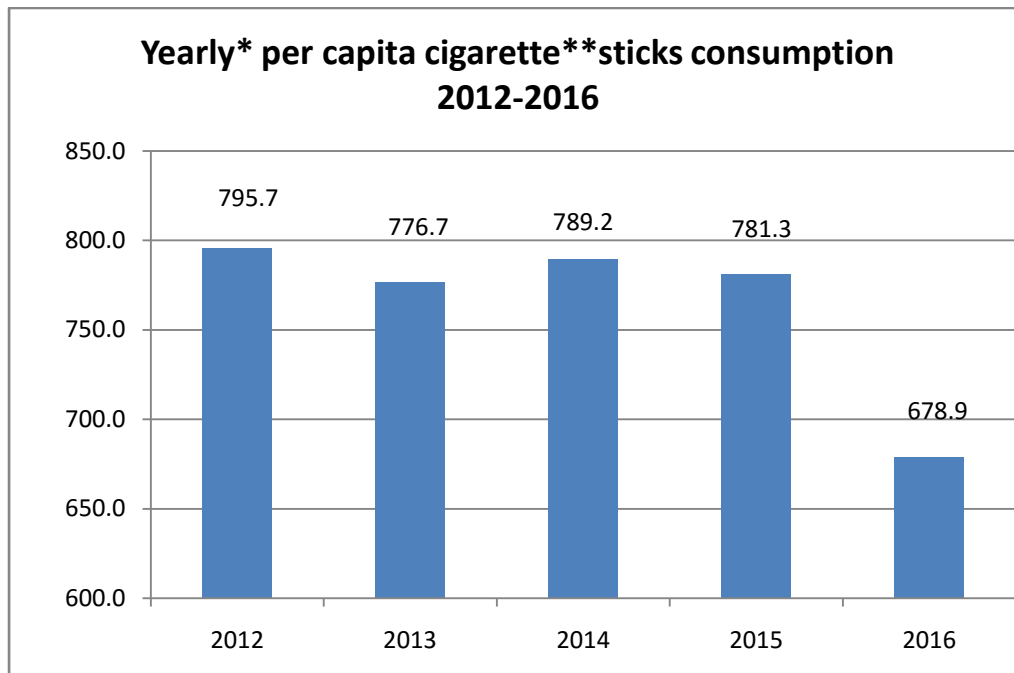
## SCHOOL HEALTH

During the year 2016, the nursing staff responsible for school health visited 536 pre-primary schools and screened 15,879 children. 5% of these children were reported to have nits and lice. The nursing staff also visited 303 primary schools and screened 42,455 pupils. 23,611 pupils of Standards III, V and VI were submitted to vision tests and 973 of them were found to have vision problem. 10,976 of the new entrants to primary schools were immunized against *diphtheria & tetanus (D.T.)* and *poliomyelitis*. 10,694 of them were also immunized against *MMR* and 13,540 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 858 million in 2016 compared to 986 million in 2015 and to 1.0 billion in 2012. As indicated in the chart below, the estimated yearly per capita cigarette consumption has followed a decreasing trend from 856 sticks in 2011 to 679 sticks in 2016.

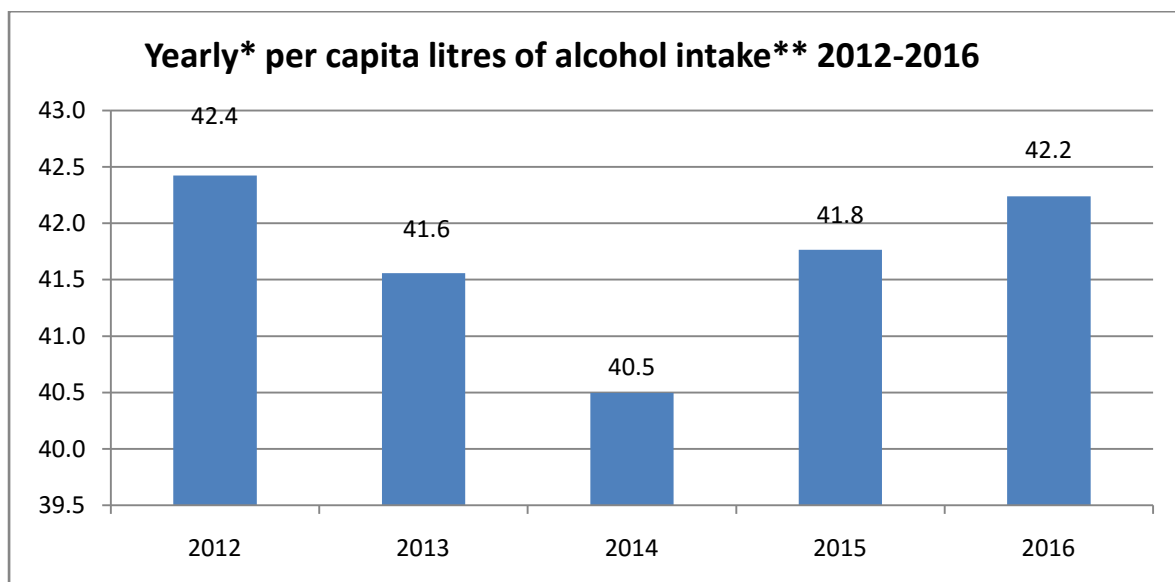
## ISLAND OF MAURITIUS



\* 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 53 million in 2016 compared to 51 million in 2014. The estimated yearly per capita litres of alcoholic beverage for 2016 was 42 litres. The chart given below indicates an increase in the consumption of alcoholic beverages since 2014.



\*based on data from January to December

\*\* imported

## ISLAND OF MAURITIUS

## DENTAL HEALTH

The total number of attendances at government dental clinics (static and mobile) in 2016 was 308,673, out of which 53,802, that is 17.4%, were among children aged under 12 years. 23,342 (7.6%) were cases seen by dental specialists. The number of cases treated for paradontal diseases was 37,912 and the number of surgical operations on jaws, including surgical extractions of roots and impacted teeth, was 4,924.

## PRIVATE HEALTH INSTITUTIONS

The total number of cases seen for treatment, including admissions, at the 17 private hospitals and clinics having in-patient services was 233,966 in 2016. 25,006 of these cases have undergone surgical operations and procedures. 3,606 live births and stillbirths that occurred in these institutions represented 29% of total births registered in the whole island compared to 14% in 2002. 15.0% of live births had low birth weight (less than 2,500 grammes); the corresponding figure was 6.9% in 2002. The percentage of caesarian section on total births was 57.8% in 2016 compared to 40.6% in 2002.

## MORBIDITY

The first case of AIDS in the Republic of Mauritius was notified in October 1987. As at the end of 2016 a total of 6,922 cases of HIV/AIDS were detected, of whom 6,671 (5,061 males, 1,610 females) were Mauritians. 72.9% of the 6,671 HIV infected Mauritians were in the age-group 25 to 49 years and 17.9% in the age-group 15 to 24 years.

**Distribution of HIV/AIDS cases<sup>#</sup> by sex and age \* group  
(1987 – 2016)**

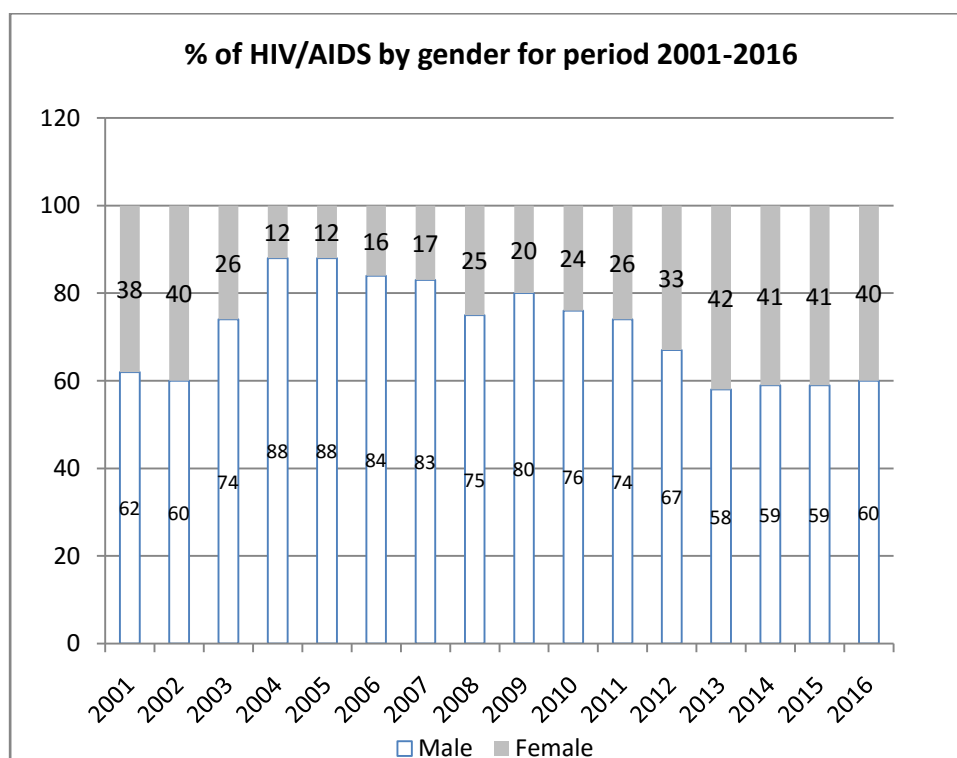
Agegroup (Years)	Male	Female	Total
<5	21	17	38
5-14	9	19	28
15-19	92	154	246
20-24	624	324	948
25-29	1018	318	1,336
30-34	926	242	1,168
35-39	763	200	963
40-44	688	138	826
45-49	479	91	570
50-54	265	63	328
55-59	112	24	136
60+	64	20	84
<b>Total</b>	<b>5,061</b>	<b>1,610</b>	<b>6,671</b>

\*Age at detection

# Mauritians

## ISLAND OF MAURITIUS

As shown on the chart that follows, the number of new HIV/AIDS cases is more significant among the male than among the female. 1,610 of the 6,671 Mauritian cases of HIV and AIDS registered as at the end of December 2016 were females, that is, 24%. The percentage of new female cases remains constant, that is about 40% in the period 2013 to 2016 as compared to 12% in 2005 and 24% in 2010.



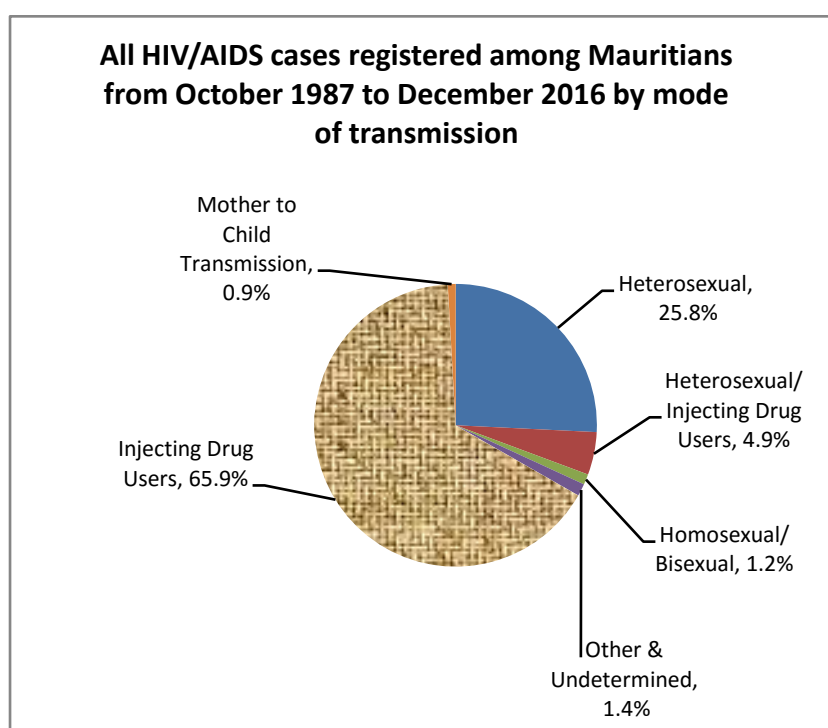
HIV tests conducted by the Virology Laboratory of the Ministry of Health & Quality of Life and positivity rates during the last 7 years are as follows:

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

*ISLAND OF MAURITIUS*

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 2016, it stood at 32.6% as compared to 34.7% in 2015. In the period 1987-2016, 0.9% of all newly detected cases of HIV was due to Mother to Child Transmission (MTCT). The distribution of the 6,671 infected Mauritians by mode of transmission is shown in the pie-chart below:



After the epidemic of chikungunya in 2005 and 2006, only 10 cases, all imported, have been reported between 2007 and 2015; in 2016, 7 cases were reported. In the period 2011-2013, a few imported cases of dengue were registered. In 2016, there were 24 reported cases compared to 64 in 2014 and to 91 in 2015. Some cases detected in the past 3 years were locally transmitted ones; the outbreaks were rapidly dealt with.



## ISLAND OF MAURITIUS

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 69 cases among children less than 15 years of age have been detected in the country between August 2003 and December 2016. The AFP Rate per 100,000 children (<15 years) was 2.9 in 2016 with 7 new cases.

*Deliveries* constituted 4.9% of all cases treated as in-patients in government general hospitals in 2016. Among other principal causes of discharges, there were *Diabetes Mellitus* with 3.0%, *Diarrhoea and gastroenteritis* with 3.2% and *Acute Upper Respiratory Infections* with 3.8%. The distribution by ICD-10 chapters indicates that 10.5% of all cases treated were due to “*Pregnancy, childbirth and the puerperium*”, 10.4% due to “*Injury and Poisoning*”, 10.0% due to “*Diseases of the Respiratory System*” and 10.1% due to “*Disease of the Circulatory System*”.

In 2016, of the 17,761 cases (10,932 males and 6,829 females) treated as in-patients in government general hospitals due to consequences of external causes, 6,903 (38.9%) were following “*Falls*”, 2,059 (11.6%) following “*Transport Accidents*” and 1,659 (9.3%) following “*Assaults*”. Of the 795 (4.5%) cases treated as in-patients following “*Attempted suicides*”, 392 (49.3%) 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 2016, it varies between 9.3% and 10.1%.

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*). This disease affects mostly children below the age of 5 years (97.2% of admitted cases in 2016).

## ISLAND OF MAURITIUS

**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

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 2016, probably because many patients have access to nebulisers at primary health care level.

## ISLAND OF MAURITIUS

**Admissions due to certain respiratory diseases**

<b>Diseases</b>	<b>Sex</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>Acute upper respiratory infections</b>	Male	3624	3,095	3,673	2,918	3,121
	Female	3479	3,199	3,671	2,882	3,305
	Total	7103	6,294	7,344	5,800	6,426
<b>Acute bronchitis and bronchiolitis</b>	Male	822	1,077	1,135	1,351	1,123
	Female	647	1,026	954	1,154	1,105
	Total	1469	2,103	2,089	2,505	2,228
<b>Pneumonia</b>	Male	280	353	368	331	436
	Female	276	365	368	335	385
	Total	556	718	736	666	821
<b>Bronchitis, emphysema and other chronic obstructive pulmonary diseases</b>	Male	914	820	765	669	892
	Female	816	895	626	509	758
	Total	1,730	1,715	1,391	1,178	1,650
<b>Asthma</b>	Male	1,098	1,059	1,020	1,061	835
	Female	1,403	1,431	1,356	1,305	1,246
	Total	2,501	2,490	2,376	2,366	2,081

In 2016, of the 2,554 cases treated as in-patient at the Cardiac Centre, 1,125 (44.0%) were for “*Angina pectoris*”, 903 (35.4%) for “*Chronic Ischaemic heart diseases*” and 79 (3.1%) for “*Mitral stenosis and other rheumatic mitral valve diseases*”. A total of 1,294 operations, including re-opening cases, was performed at the Centre of which 896 (69.2 %) were cardiac surgeries.

5,772 (64.9%) of the 8,894 cases treated as in-patients at S.Bharati (Eye) Hospital in 2016 were due to cataract. Among the cataract cases, 5,684 (98.5%) were operated upon. 817 cases were treated as in-patient at the hospital for “*injuries and other consequences of external causes*”.

## ISLAND OF MAURITIUS

During the year 2016, 459 in-patients were treated at the Poudre d'Or (Chest) Hospital of whom 297 (64.7%) were males. *Asthma* was the morbid condition for 36 patients (10 males, 26 females), followed by *Pulmonary tuberculosis* with 145 patients (108 males, 37 females), with a percentage of 7.8 and 31.6 respectively. 22 patients died at the Hospital, giving a fatality ratio of 4.8%.

Of the 1,165 new cases diagnosed at the out-patient specialist clinics in chest diseases during the year 2016, 77 (6.6%) were diagnosed with *pulmonary tuberculosis*. Among the non-tuberculous diseases, *asthma* was in first place with 393 new cases, that is, 33.7% of all new cases diagnosed.

Of the 4,681 in-patients treated at Brown Sequard Hospital in 2016, *mental and behavioural disorders due to the use of alcohol* accounted for 1,800 cases (1,615 males, 185 females), that is 38.5%, followed by *Schizophrenia* with 1,149 cases (24.5%).

The principal causes of admissions in government general and specialised hospitals in the year 2016 are given below:

Cause		Number of in-patients*			%
GENERAL HOSPITALS		Male	Female	Total	Total
1	Pregnancy, Childbirth and the Puerperium	-	18,058	18,058	10.5
2	Injuries and poisoning	10,932	6,829	17,761	10.4
3	Diseases of the Respiratory System	8,251	8,857	17,108	10.0
4	Diseases of the genito-urinary system	4,908	7,551	12,459	7.3
5	Heart Diseases	4,483	3,271	7,754	4.5
6	Cancers and other neoplasms	2,478	4,144	6,622	3.9
7	Diarrhoea and gastroenteritis	2,315	3,111	5,426	3.2
8	Diabetes	2,647	2,424	5,071	3.0
9	Gastritis and duodenitis	2,443	2,349	4,792	2.8
10	Hypertensive Diseases	1,705	2,448	4,153	2.4
SPECIALISED HOSPITALS		Male	Female	Total	
1	Cataract (Eye Hospital)	2,563	3,209	5,772	64.9
2	Heart Diseases (Cardiac Centre)	1,660	764	2,424	94.9
3	Mental & behavioural disorders due to use of alcohol (Psychiatric Hospital)	1,615	185	1,800	38.5
4	Acute pharyngitis & tonsillitis (ENT Hospital)	1,079	1,192	2,271	45.9
5	Pulmonary Tuberculosis (Chest Hospital)	108	37	145	31.6

\* including re-admissions

## ISLAND OF MAURITIUS

Of the 302 cases treated as in-patients in 2016 at the Neonatal Intensive Care Unit, located in the complex of Victoria and SSRN hospitals, 165 (54.6%) were for *disorders related to length of gestation and fetal growth*, 51 (16.9%) for *respiratory and cardiovascular disorders specific to the perinatal period* and 32 (10.6%) for *infections specific to the perinatal period*. There were 64 deaths among those 302 cases, giving a fatality ratio of 21.2%.

The number of new cases diagnosed at the specialist clinics in dermatology in 2016 were 16,203 of which 3,931 (24.3%) was *skin infections* (1,739 of fungal and 624 of parasitic origin). 16.9% of new cases were treated for *eczema*, 7.9% for *psoriasis and similar disorders*, and 5.4% for *acne*.

Of the 4,950 cases treated as in-patients at the ENT Hospital in 2016, 1,538 (31.1%) were for “*acute tonsillitis*”, 733 (14.8%) for “*acute pharyngitis*” and 303 (6.1%) for “*otalgia and effusion of ear*”. Another 5.2% 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 1,303 operations were performed on in-patients at the centre, of which 449 (34.5%) were “*excision on tonsils and adenoids*”.

The number of new cases diagnosed at out-patient specialized clinics in ENT in 2016 was 9,249 representing a 10.6% increase when compared to 8,360 in 2015. *Diseases and conditions of ear* accounted for 3,747 new cases (40.5% of the total new cases diagnosed) followed by *diseases and conditions of nose* for 3,191 (34.5%) and *diseases and conditions of throat* for 2,234 (24.2%). *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 2016, the number of reported cases of sexually transmitted infections diagnosed at the skin disease clinic of regional hospitals was 354 (234 males, 120 females). 86 cases of “*gonococcal infections*”, 83 “*venereal warts*”, 153 “*syphilis*” and 17 “*herpes simplex*” were reported.

In 2016, eight Day Care Centres for the immuno-suppressed were operational, namely at the Volcy Pougnet Health Centre, Victoria, SSRN, J.Nehru, Flacq, Mahebourg and Souillac hospitals and Yves Cantin Community hospitals. 354 first attendances of HIV/AIDS

## ISLAND OF MAURITIUS

patients were registered in 2016. 322 persons received the “*Post-HIV Exposure Prophylaxis*” and 1,499 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 2016 were *Upper Respiratory Tract Infection (URTI)* with 21.7%. Other common causes of first attendances were *cough, pain in throat, chest pain, wheezing, hiccough, sneezing* with 7.6% and *superficial injury, open wound, sprain/strain, fractures, burns and other injuries* with 4.9%. Another 5.5% were treated for *fever/pain all over*.

The distribution by ICD chapters shows that 31.4% of first attendances at the above mentioned dispensary service points were due to “*Diseases of Respiratory System*” and 9.1% due to “*Diseases of the musculoskeletal system and connective tissue*”. They were followed by the “*Diseases of digestive system*” with 7.0%, “*Injuries, poisoning and certain other consequences of external causes*” with 5.0% and *Diseases of the eye and adnexa*” with 2.9%.

The leading causes of attendance in 2016 at the community hospitals, medi clinics, area health centres and community health centres, where common diseases and minor injuries are treated, are given below.

	CAUSE- (I.C.D.10)	Male	Female	Total Number
1	Diseases of the respiratory system	308,894	327,747	636,641
2	Diseases of the musculoskeletal system & connective tissues	89,389	95,216	184,605
3	Cough/pain in throat/chest pain/sneezing	76,055	78,576	154,631
4	Diseases of the digestive system	69,224	73,382	142,606
5	Fever/pain all over	55,431	56,801	112,232
6	Injury and poisoning	56,324	45,383	101,707
7	Certain infectious & parasitic diseases	44,621	46,034	90,655
8	Diseases of the skin & subcutaneous tissue	40,902	43,637	84,539
9	Neck pain/ backache	34,421	36,561	70,982
10	Headache, dizziness and giddiness	32,877	37,374	70,251

## ISLAND OF MAURITIUS

Of the 2,489 new cases of cancer that were registered by the National Cancer Register in 2015 (1,400 in 2009), the most common types among males were that of *prostate gland* with 12.8%, *trachea bronchus and lung* with 9.2% and *colon* with 9.1%. The main types of cancer among females were that of *breast* (34.3%) followed by that of *colon* (8.8%), *cervix uteri* (6.7%) and *corpus uteri* (4.4%).

## CAUSE OF DEATH

*Heart diseases* and *Diabetes mellitus* were the first two principal underlying causes of mortality in 2016, with 1,934 (19.5%) and 2,329 (23.5%) deaths respectively; *Cancer and other Neoplasm* of all sites taken together was in the third position with 1,265 (12.8%) deaths. Deaths due to *Cerebrovascular diseases* which amounted to 993 (10.0%) was in the fourth position followed by *Hypertensive Diseases* with 509 deaths (5.1%).

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 35.2% of all deaths in 2016. *Endocrine nutritional and metabolic diseases* (Chapter 1V) with 24.1% were in second place followed by *Neoplasms* (Chapter II) with 12.8%.

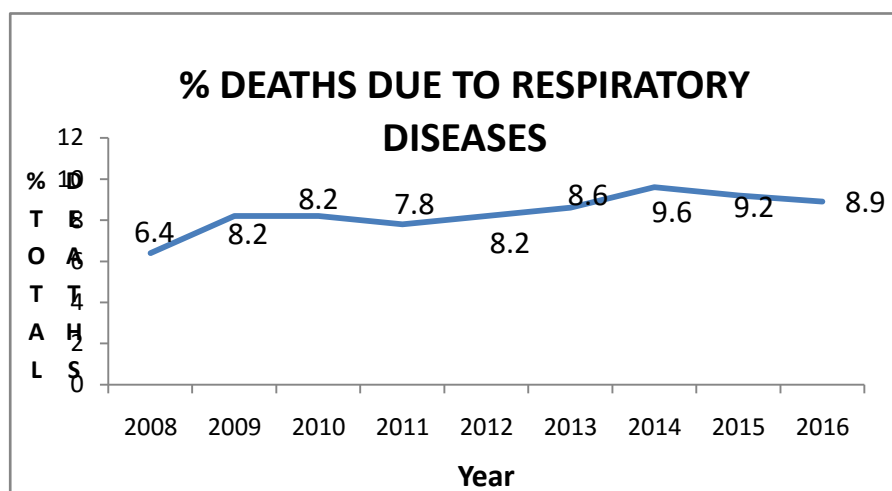
Of the 3,490 deaths due to *Diseases of the Circulatory System* in 2016, 1,934 (55.4%) were due to *Heart diseases*. *Stroke and other Cerebrovascular diseases* accounted for another 993 (28.5%) deaths. 21.2% of the 3,490 deaths occurred among persons aged less than 60 years.

Of the 1,265 deaths due to *Neoplasms* in 2016, the most common types of cancer were that of *trachea, bronchus and lung* and *female breast* with 12.3% and 13.9% respectively, *colon* with 9.0%, *prostate* with 4.7% and of *stomach* with 5.6%. 45 persons died due to *leukaemia* (3.6%).

Of the 497 deaths due to external causes in 2016, 33.2% were due to *transport accidents*, 19.7% due to *suicides*, 4.0% due to *assaults*, 8.7% due to *accidental drowning and submersion*, and 4.6% due to *exposure to smoke, fire and flames*.

In 2016, a total of 882 (8.9%) deaths was attributable to respiratory diseases. The yearly percentages of deaths due to these diseases indicate an increasing trend since 2008 (see chart given below).

## ISLAND OF MAURITIUS



Of all the respiratory conditions causing death in 2016, pneumonia was the main one with 208 deaths (23.6%). 10.1% of deaths due to this infectious respiratory disease occurred among persons aged less than 45 years.

The principal causes of death in the year 2016 is given below:

CAUSES (ICD - 10)		Number of Deaths			
		Male	Female	Total	
				No.	%
1	Diabetes Mellitus	1,251	1,078	2,329	23.5
2	Heart Diseases	1,042	892	1,934	19.5
3	Cancers and other tumours	594	671	1,265	12.8
4	Cerebrovascular Diseases	523	470	993	10.0
5	Diseases of the Respiratory System	490	392	882	8.9
6	Hypertensive Disease	220	289	509	5.1
7	Injury & Poisoning (Consequences of External Causes)	399	98	497	5.0
8	Certain infectious & parasitic diseases	171	75	246	2.5
9	Cirrhosis of liver, liver abscess, chronic liver disease and its sequelae	135	34	169	1.7
10	Renal failures	29	38	67	0.7

As at the end of 2016, a total of 1,210 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 2016, 117 deaths were reported due to HIV/AIDS compared to 87 in 2015.



## ISLAND OF MAURITIUS

*Congenital anomalies* with 34 deaths were the principal killers of children under one year in 2016, that is 23.8% of the total (143) followed by *septicaemia and infections specific to perinatal period* (13.3%). Some other causes of infant deaths were *sudden infant death syndrome* with 6 deaths (4.2%), *slow fetal growth, fetal malnutrition and disorders related to short gestation and low birth weight* 8 (5.6%) and *Intrauterine Hypoxia and birth asphyxia* 11 (7.7%).

6 maternal deaths were registered in 2016. The causes for the year 2012 to 2016 are given below

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

Year Causes	2012		2013		2014		2015		2016	
	No	Age at death	No	Age at death	No	Age at death	No	Age at death	No	Age at death
Postpartum haemorrhage	-	-	1	39	1	29	-	-	-	-
Antepartum or intrapartum haemorrhage (with coagulation defect)	-	-	1	30 <sup>@</sup>	-	-	-	-	-	-
Disruption of obstetric wound and other compl of puerperium	1	19	-	-	-	-	-	-	-	-
Complications following abortion	2	37 39	-	-	-	-	-	-	2	26 19
Eclampsia and other maternal hypertension	2	25 28 <sup>@</sup>	1	35 <sup>@</sup>	1	21 <sup>@</sup>	2	31 32	2	27 <sup>@</sup> 23
Amniotic fluid, pulmonary and other obstetric embolism	1	33	-	-	1	45 <sup>@</sup>	-	-	-	-
Sepsis, pyrexia and other puerperal infections	-	-	1	15 <sup>@</sup>	-	-	-	-	-	-
Diseases of the Circulatory System complicating pregnancy, childbirth and puerperium	-	-	1	30	1	24	-	-	1	30 <sup>@</sup>
Placental Disorders	-	-	-	-	-	-	-	-	-	-
Abdominal or ectopic pregnancy	-	-	1	33	-	-	1	32	1	33
Diseases of the Resp. System compl. pregnancy, childbirth and puerperium	1	25	1	35 <sup>@</sup>	1	28 <sup>@</sup>	-	-	-	-
Diseases of the digestive System compl. pregnancy, childbirth and puerperium	1	21	2	37, 35 <sup>@</sup>	1	37	1	21	-	-
Death from any obstetric cause occurring more than 42 days	1	47	-	-	-	-	-	-	-	-
Infections of genitourinary tract in pregnancy	-	-	-	-	1	34	-	-	-	-
TOTAL	9		9		7		4		6	

## ISLAND OF MAURITIUS

## TRENDS IN CAUSE-SPECIFIC MORTALITY

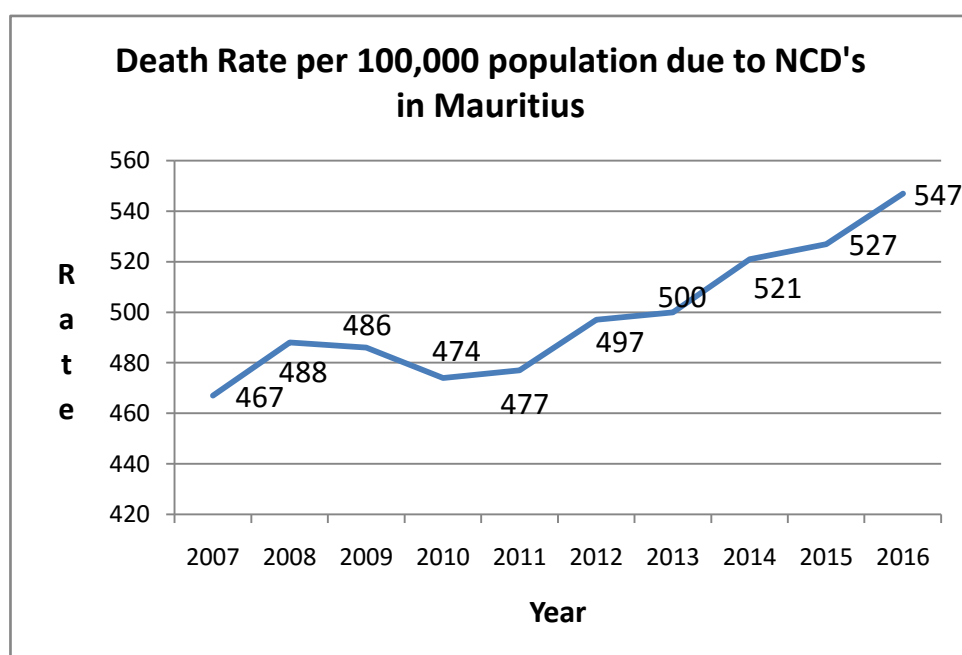
*% underlying cause of death over total death registered*

	ICD-9	ICD-10							
Year	2000	2005	2010	2011	2012	2013	2014	2015	2016
Total Deaths	7,806	8,422	8,891	8,951	9,103	9,231	9,438	9,496	9,920
<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
<i>Cerebrovascular Diseases (%)</i>	9.8	10.8	8.4	8.4	7.5	8.1	7.9	8.6	10
<i>Other Diseases of Circulatory system (%)</i>	4.2	3.7	5.7	5.5	5.9	5.2	4.6	5.0	5.7
<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>31.0</b>	<b>31.8</b>	<b>33.5</b>	<b>35.2</b>
<i>Diabetes Mellitus(%)</i>	19.0	21.1	23.6	25.4	26.5	24.6	25.1	24.1	23.5
<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>

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.

1,265 persons died due to *cancers* in 2016. Mortality from this group of diseases has followed an increasing trend from 9.4% of total deaths in 2000 to 12.8% in 2016.

## ISLAND OF MAURITIUS



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 547 per 100,000 population in 2016 compared to 477 in 2011. It has been noted that mortality due to all causes has significantly increased from 9,496 in 2015 to 9,920 in 2016.

## 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 1992 in regards to Stillbirth, Infant Mortality and Under-5 Mortality. However, an erratic trend has been noted in maternal mortality ratios due to small absolute number of maternal deaths registered and a decreasing trend in the number of livebirths.

The percentage of low birthweight (< 2.5 Kg) among livebirths that occurred in public and private health institutions in the Island of Mauritius has continued to increase till 2010 and the trend has stabilized between 17.0% and 17.5% in the period 2011-2016.

\*\*\*\*\*

Health Indicators - Republic of Mauritius							
	Unit	2011	2012	2013	2014	2015	2016
Infant mortality rate	Per 1,000 Live Births	12.9	13.7	12.1	14.5	13.6	11.8
Under five mortality rate		15.9	15.7	14.5	16.0	15.5	13.3
Maternal mortality ratio		0.34	0.62	0.66	0.52	0.47	0.46
Early neonatal mortality rate	Per 1,000 live births	6.5	6.8	6.0	6.1	6.4	5.1
Late neonatal mortality rate		3.3	3.0	3.1	3.4	3.1	2.9
Neonatal mortality rate		9.7	9.8	9.1	9.5	9.5	8.0
Post-neonatal mortality rate		3.1	3.9	3.0	5.0	4.1	3.7
Population per doctor	Number of inhabitants	803	730	616	519	495	456
Population per dentist		4,680	4,178	3,589	3,447	3,323	3,283
Population per hospital bed		280	282	283	284	281	278
% of deaths due to	%						
HIV/AIDS		1.2	1.1	1.1	1.1	0.9	1.2
Tuberculosis		0.2	0.1	0.2	0.1	0.1	0.2
Diseases of the Circulatory System		31.2	31.4	31.2	31.9	33.6	35.4
Diabetes		25.3	26.3	24.5	24.9	24.0	23.2
Neoplasms		11.4	12.4	13.4	12.6	13.3	12.7
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
Death rate due to suicides		9.7	9.2	7.9	10.0	8.4	8.4
Life expectancy at birth:	Average number of years						*
Male		70.4	70.7	71.0	71.1	71.2	71.4
Female		77.5	77.7	77.6	77.8	77.9	78.0
Both Sexes		73.9	74.1	74.2	74.4	74.5	74.7

\* estimates

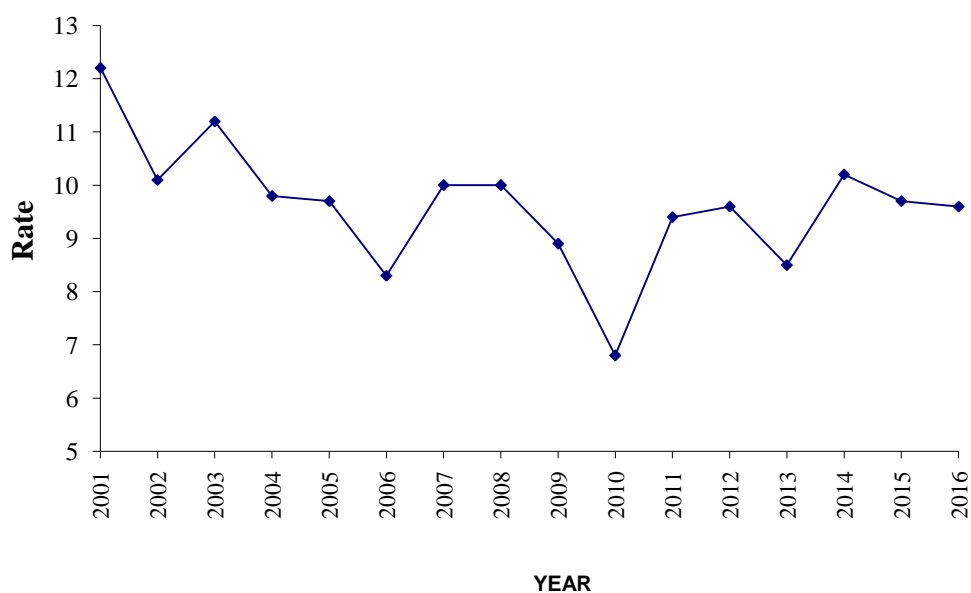
**STATISTICS RELATING TO STILLBIRTHS 2001 – 2016**

<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 #
2001	234	12.2	10	12.2	244	12.2
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
<b>2016</b>	<b>117</b>	<b>9.4</b>	<b>10</b>	<b>13.1</b>	<b>127</b>	<b>9.6</b>

\*excluding the outer islands

# per thousand total live births and stillbirths

**Stillbirth Rate - Republic of Mauritius**



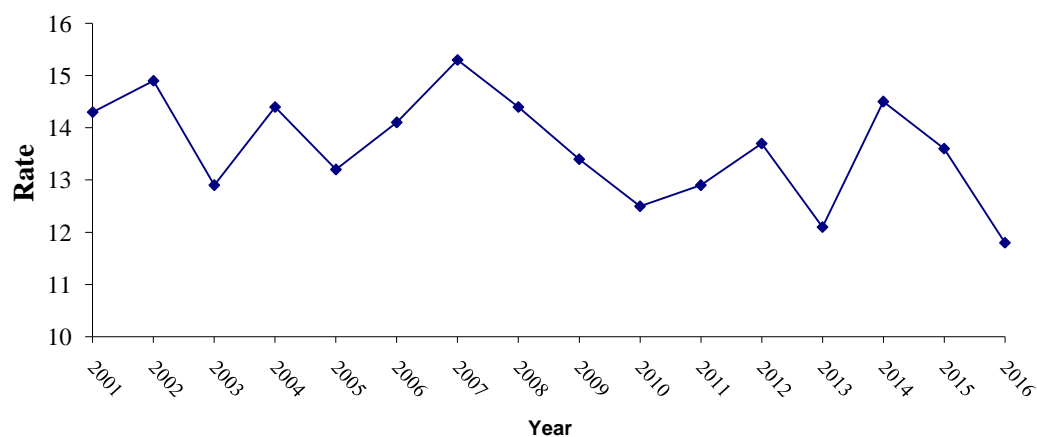
# **INFANT MORTALITY STATISTICS 2001- 2016**

<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 @
2001	263	13.9	19	23.4	282	14.3
2002	278	14.5	19	22.9	297	14.9
2003	230	12.4	20	24.2	250	12.9
2004	256	14.0	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	14.0	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
<b>2016</b>	<b>143</b>	<b>11.6</b>	<b>11</b>	<b>14.6</b>	<b>154</b>	<b>11.8</b>

\*excluding the outer islands

@ per thousand live births

## **Infant Mortality Rate - Republic of Mauritius**

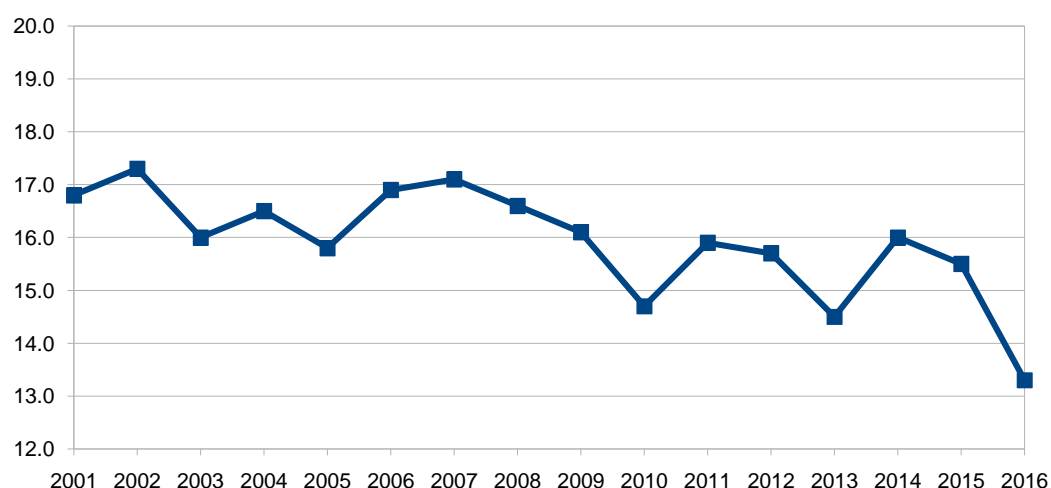


**UNDER 5 MORTALITY STATISTICS 2001 – 2016**

<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 @
2001	310	16.4	20	24.6	330	16.8
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
<b>2016</b>	<b>163</b>	<b>13.2</b>	<b>11</b>	<b>14.6</b>	<b>174</b>	<b>13.3</b>

\*excluding the outer islands

@ per thousand live births

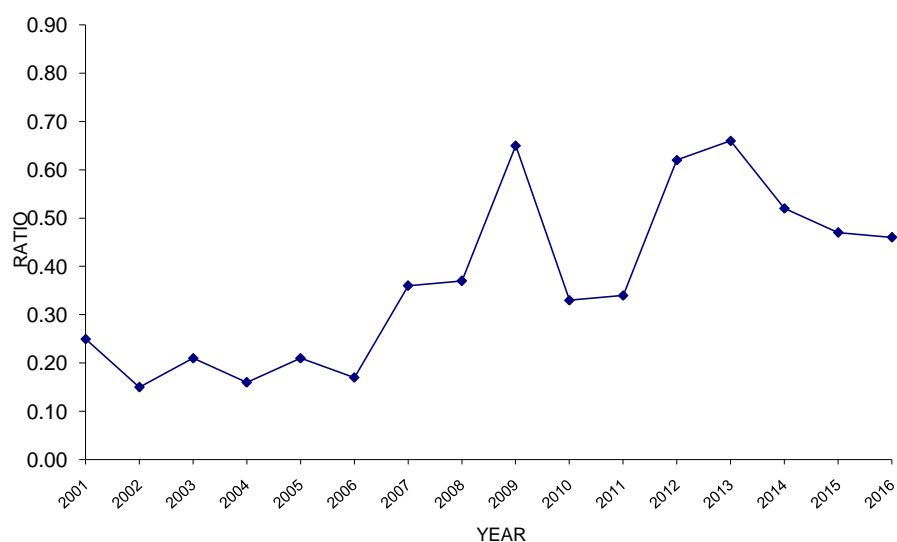
**Under Five Mortality Rate - Republic of Mauritius**

**MATERNAL MORTALITY STATISTICS 2001- 2016**

<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>
2001	4	0.21	1	1.20	5	0.25
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	1.40	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
<b>2016</b>	<b>6</b>	<b>0.49</b>	-	-	<b>6</b>	<b>0.46</b>

\* per 1,000 live births

@ excluding the outer islands

**Maternal Mortality Ratio - Republic Of Mauritius**




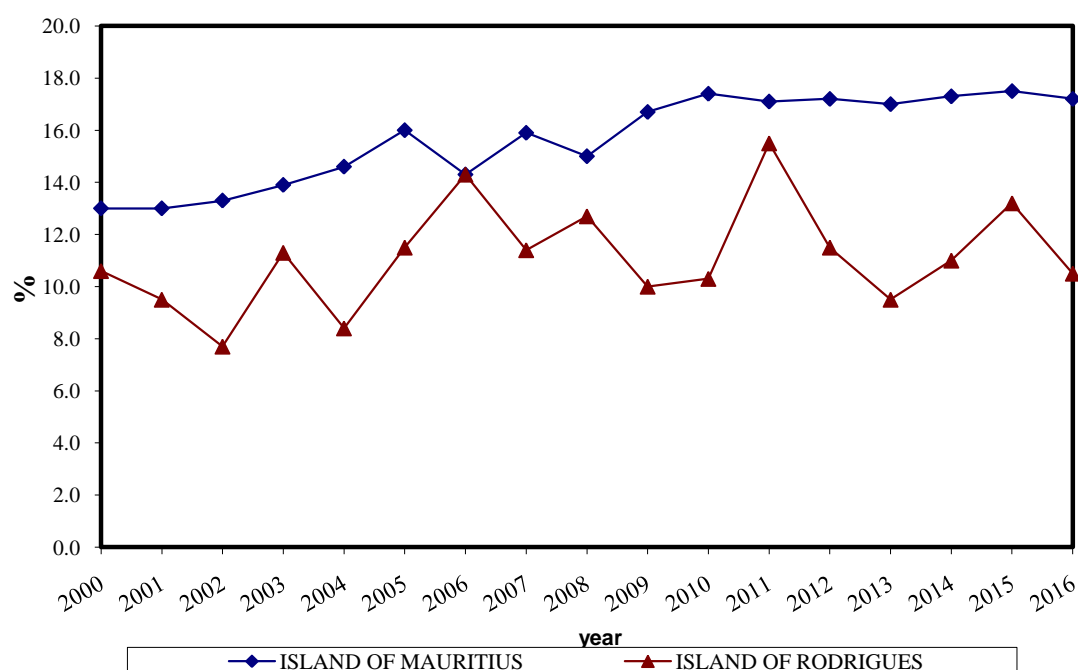
**LOW BIRTH WEIGHT \* (as a percentage of live births with known birthweight) 2000-2016**

<b><u>YEAR</u></b>	<b>ISLAND OF MAURITIUS</b>	<b>ISLAND OF RODRIGUES</b>	<b>REPUBLIC OF MAURITIUS<sup>@</sup></b>
2000	13.0	10.6	12.9
2001	13.0	9.5	12.9
2002	13.3	7.7	13.0
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

@ - excluding the outer islands

\* - less than 2,500 grammes

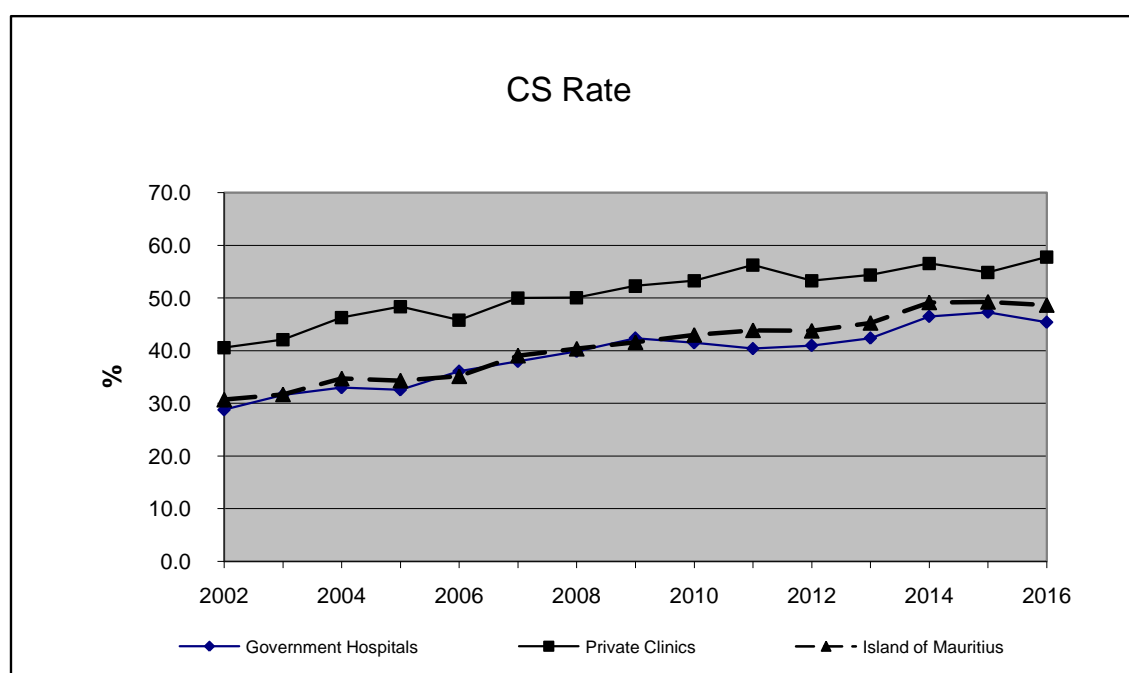
**Low Birth Weight**



## Island of Mauritius

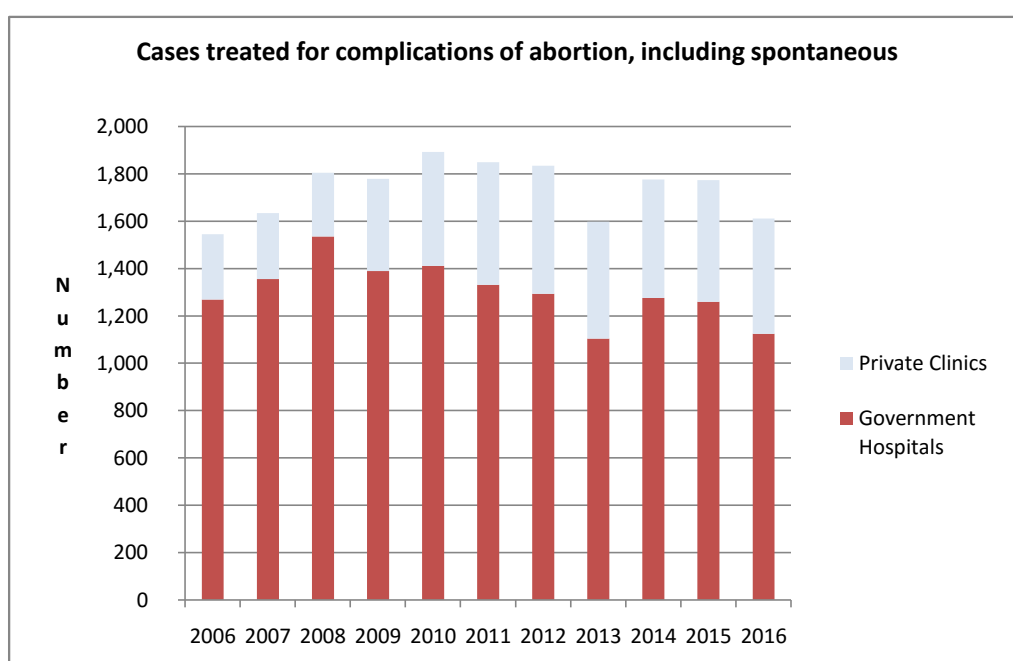
*Statistics on Caesarian Section (CS)*

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
2002	4,714	28.8	1,068	40.6	5,782	30.7
2003	4,960	31.6	1,072	42.1	6,032	31.7
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



**Cases treated for complications following abortion, including spontaneous**

Year	Government Hospitals	Private Clinics	Total
2006	1,269	276	1,545
2007	1,356	279	1,635
2008	1,536	269	1,805
2009	1,390	390	1,780
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



**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
2001	2,428	3,024	5,452	1,650	2,252	3,902
2002	2,186	2,887	5,073	1,475	2,101	3,576
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

Disease / Year	Gastro-Enteritis			Bronchial Asthma		
	Male	Female	Total	Male	Female	Total
2001	2,166	2,330	4,496	1,565	1,616	3,181
2002	2,867	3,027	5,894	1,573	1,667	3,240
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

## 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
2001	23,063	23,562	46,625	184,994	197,563	382,557
2002	30,029	31,746	61,775	193,393	204,064	397,457
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

\* figures for 2011 to 2015 adjusted using URTI Surveillance data

Disease / Year	Diabetes Mellitus			Hypertension		
	Male	Female	Total	Male	Female	Total
2001	10,797	11,508	22,305	13,500	13,981	27,481
2002	11,169	12,213	23,382	15,447	16,713	32,160
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

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

	<b>Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
HIV/AIDS (MAURITIANS)	Number	921	542	546	538	548	568	401	320	260	322	262	319
	<i>Incidence Rate *</i>	<i>74.1</i>	<i>43.9</i>	<i>44.0</i>	<i>43.2</i>	<i>43.9</i>	<i>45.4</i>	<i>32.0</i>	<i>25.5</i>	<i>20.7</i>	<i>25.5</i>	<i>20.8</i>	<i>25.2</i>
MALARIA #	Number	36	38	42	27	23	52	54	33	49	20	32	25
	<i>Incidence Rate *</i>	<i>2.9</i>	<i>3.1</i>	<i>3.4</i>	<i>2.2</i>	<i>1.8</i>	<i>4.2</i>	<i>4.3</i>	<i>2.6</i>	<i>3.9</i>	<i>1.6</i>	<i>2.5</i>	<i>2.0</i>
PULMONARY TUBERCULOSIS @	Number	123	111	108	106	113	117	113	128	122	119	128	118
	<i>Incidence Rate *</i>	<i>10.0</i>	<i>9.0</i>	<i>8.7</i>	<i>8.5</i>	<i>9.1</i>	<i>9.4</i>	<i>9.0</i>	<i>10.2</i>	<i>9.7</i>	<i>9.4</i>	<i>10.1</i>	<i>9.3</i>
FOOD POISONING	Number	29	78	766	129	718	156	445	264	390	169	82	147
	<i>Incidence Rate *</i>	<i>2.0</i>	<i>6.3</i>	<i>61.8</i>	<i>10.4</i>	<i>57.6</i>	<i>12.5</i>	<i>35.5</i>	<i>21.0</i>	<i>31.0</i>	<i>13.4</i>	<i>6.5</i>	<i>11.6</i>

\* per 100,000 mid-year population

# all imported/introduced cases

@ including non – Mauritians

32

**ISLAND OF MAURITIUS**  
**MORTALITY DUE TO MAIN NON-COMMUNICABLE DISEASES**

<b>Underlying cause of death:</b>	<b>NUMBER OF DEATHS REGISTERED IN WHOLE ISLAND</b>											
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
DIABETES MELLITUS	1,778	2,018	1,878	2,004	2,046	2,097	2,277	2,416	2,267	2,369	2,285	2,329
HEART DISEASES	1,921	1,934	1,762	1,724	1,705	1,611	1,545	1,626	1,630	1,823	1,891	1,934
CEREBROVASCULAR DISEASES	913	832	769	838	757	744	750	687	745	742	813	993
HYPERTENSIVE DISEASES	299	395	469	490	528	466	453	497	440	399	443	509
RENAL FAILURE	188	187	116	123	141	158	171	123	159	60	72	67
CANCER	889	914	936	1,049	1,085	1,033	1,022	1,159	1,233	1,186	1,263	1,265
CHRONIC RESPIRATORY DISEASES	240	237	195	205	236	239	190	199	214	230	175	159

33  
REPUBLIC OF MAURITIUS

**Estimated resident population by sex, 31 December 2016**

Island	Both Sexes	Male	Female	Density per Km
Island of Mauritius	<b>1,221,150</b>	604,352	616,798	654
Island of Rodrigues	<b>42,396</b>	20,832	21,564	385
Agalega & St.Brandon	<b>274</b>	174	100	10
<b>Republic of Mauritius</b>	<b>1,263,820</b>	<b>625,358</b>	<b>638,462</b>	<b>630</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 2016		
	Male	Female	B. Sexes
<1	6,509	6,188	<b>12,697</b>
1 - 4	27,879	26,910	<b>54,789</b>
5 - 9	39,671	38,815	<b>78,486</b>
10 - 14	47,895	46,380	<b>94,275</b>
15 - 19	49,953	48,270	<b>98,223</b>
20 - 29	95,936	94,079	<b>190,015</b>
30 - 39	95,566	93,513	<b>189,079</b>
40 - 49	86,958	85,115	<b>172,073</b>
50 - 59	88,510	90,511	<b>179,021</b>
60-64	32,860	35,716	<b>68,576</b>
65+	53,469	72,770	<b>126,239</b>
<b>All ages</b>	<b>625,206</b>	<b>638,267</b>	<b>1,263,473</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 2001-2016**

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

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

Island	Number of live births registered		Crude birth rate	
	2015	2016	2015	2016
Island of Mauritius	12,057	12,330	9.9	10.1
Island of Rodrigues	681	752	16.2	17.8
Republic of Mauritius	12,738	13,082	10.1	10.4

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 when 20,205 live births were registered. In 2016, a total of 13,082 live births were registered compared to 12, 738 in 2015. CBR has increased from 10.1 in 2015 to 10.4 in 2016.

## Deaths and crude death rate, Republic of Mauritius

Island	Number of deaths registered		Crude death rate	
	2015	2016	2015	2016
Island of Mauritius	9,496	9,920	7.8	8.1
Island of Rodrigues	251	254	6.0	6.0
Republic of Mauritius	9,747	10,174	7.7	8.1

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 7.0 in 2003 when 8,520 deaths were registered. CDR has significantly increased from 7.7 in 2015 to 8.1 in 2016.

Population Growth rate between 2015 and 2016 =0.1%

% Population aged less than 15 years = 19.0%

% Population aged 60 years and over = 15.4%

% Population aged 65 years and over =10.0%



## ISLAND OF MAURITIUS

## STILLBIRTHS, PERINATAL, NEONATAL AND INFANT DEATHS 1993- 2016

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 +
1993	333	15.1	282	13.0	615	28.0	42	1.9	324	15.0	100	4.6	424	19.6
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

@ 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) - 2016

DISTRICT	Estimated Mid-year Population	Area (Square Kilometres)	Civil Marriages <sup>+</sup>	Live Births	Deaths	Natural Increase	Stillbirths	Infant Deaths	Estimated End-of-Year Population
PORT LOUIS	119,554	42.7	912	1,675	1,280	395	16	19	119,333
PAMPLEMOUSSES	140,279	178.7	1,476	1,511	1,004	507	18	13	140,492
RIV. DU REMPART	108,042	147.6	1,029	1,024	843	181	10	15	108,015
FLACQ	138,543	297.9	1,080	1,112	865	247	9	11	138,544
GRAND PORT	112,985	260.3	891	1,035	921	114	12	12	112,922
SAVANNE	68,547	244.8	627	656	584	72	6	9	68,481
PLAINES WILHEMS	368,558	203.3	2,276	3,655	3,326	329	35	38	368,244
MOKA	83,346	230.5	500	792	618	174	5	11	83,400
BLACK RIVER	81,359	259.0	1,091	870	479	391	6	15	81,719
RODRIGUES	42,260	104.0	160	752	254	498	10	11	42,396
TOTAL	1,263,473	1,968.8	10,042	13,082	10,174	2,908	127	154	1,263,546

\* By district of residence of bridegroom

RESIDENT POPULATION AND VITAL STATISTICS BY DISTRICT (RATES) - 2016

DISTRICT	Density per Square Kilometres (End of year 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	2,795	15.3	14.0	10.7	3.3	9.5	11.3
PAMPLEMOUSSES	786	21.0	10.8	7.2	3.6	11.8	8.6
RIV. DU REMPART	732	19.0	9.5	7.8	1.7	9.7	14.6
FLACQ	465	15.6	8.0	6.2	1.8	8.0	9.9
GRAND PORT	434	15.8	9.2	8.2	1.0	11.5	11.6
SAVANNE	280	18.3	9.6	8.5	1.1	9.1	13.7
PLAINES WILHEMS	1,811	12.4	9.9	9.0	0.9	9.5	10.4
MOKA	362	12.0	9.5	7.4	2.1	6.3	13.9
BLACK RIVER	316	26.8	10.7	5.9	4.8	6.8	17.2
RODRIGUES	408	7.6	17.8	6.0	11.8	13.1	14.6
REPUBLIC	642	15.9	10.4	8.1	2.3	9.6	11.8

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

+ rate per 1000 live births

LIFE EXPECTANCY AT BIRTH (YEARS)\*

Sex	2006	2007	2008	2009	2010	2011 <sup>@</sup>	2012	2013	2014	2015
Male	69.3	69.5	69.7	69.8	70.1	70.4	70.7	71.0	71.1	71.2
Female	76.2	76.5	76.9	77.0	77.4	77.5	77.7	77.6	77.8	77.8
Both Sexes	72.7	72.9	73.2	73.3	73.7	73.9	74.1	74.2	74.4	74.4

\* Calculation based on 3 year period

@ based on census data

**ISLAND OF MAURITIUS**  
**ESTIMATED MID-YEAR RESIDENT POPULATION OF TOWNS - 2016**

MUNICIPAL COUNCIL AREA <sup>@</sup>	POPULATION
Port Louis	148,870
Beau Bassin-Rose Hill	104,544
Vacoas-Phoenix	106,253
Curepipe	79,001
Quatre Bornes	77,492
URBAN POPULATION	516,160 (42.3%)
RURAL POPULATION	705,053 (57.7%)
TOTAL POPULATION	1,221,213

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

**FERTILITY RATES 2016**

	Island of Mauritius	Island of Rodrigues	Republic of Mauritius
Crude birth rate	10.10	17.80	10.40
General fertility rate	39.30	68.40	40.30
Total fertility rate	1.40	2.30	1.40
Gross reproduction rate	0.70	1.10	0.70
Net reproduction rate	0.70	1.10	0.70

Note : For definitions, see glossary

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

SEX	2009	2010	2011	2012	2013	2014	2015
MALE	69.7	70.0	70.4	70.6	70.9	71.0	71.1
FEMALE	77.0	77.4	77.5	77.7	77.6	77.8	77.8
BOTH SEXES	73.3	73.6	73.9	74.1	74.2	74.3	74.4

\* Calculation based on a 3 year period

**ESTIMATED MID-YEAR RESIDENT POPULATION BY AGE AND SEX - 2016**

AGE-GROUP (YEARS)	MALE		FEMALE		BOTH SEXES	
	Number	%	Number	%	Number	%
UNDER 1	6,168	1.0	5,811	0.9	11,979	1.0
1 - 4	26,468	4.4	25,537	4.1	52,005	4.3
5 - 9	37,772	6.2	36,943	6.0	74,715	6.1
10 - 14	45,777	7.6	44,305	7.2	90,082	7.4
15 - 19	48,016	7.9	46,364	7.5	94,380	7.7
20 - 24	48,356	8.0	47,637	7.7	95,993	7.9
25 - 29	44,600	7.4	43,278	7.0	87,878	7.2
30 - 34	43,101	7.1	42,469	6.9	85,570	7.0
35 - 39	49,371	8.2	47,787	7.7	97,158	8.0
40 - 44	41,783	6.9	40,727	6.6	82,510	6.8
45 - 49	42,634	7.1	41,739	6.8	84,373	6.9
50 - 54	46,742	7.7	47,271	7.7	94,013	7.7
55 - 59	39,593	6.6	41,051	6.7	80,644	6.6
60 - 64	32,115	5.3	34,977	5.7	67,092	5.5
65 - 69	23,436	3.9	27,624	4.5	51,060	4.2
70 - 74	12,758	2.1	16,951	2.7	29,709	2.4
75 - 79	8,072	1.3	11,716	1.9	19,788	1.6
80 - 84	4,639	0.8	7,779	1.3	12,418	1.0
85 & OVER	3,043	0.5	6,803	1.1	9,846	0.8
<b>ALL AGES</b>	<b>604,444</b>	<b>100.0</b>	<b>616,769</b>	<b>100.0</b>	<b>1,221,213</b>	<b>100.0</b>
UNDER 5	32,636	5.4	31,348	5.1	63,984	5.2
5 - 11	55,513	9.2	54,024	8.8	109,537	9.0
12 - 19	76,052	12.6	73,588	11.9	149,640	12.3
16 - 18	28,694	4.7	27,496	4.5	56,190	4.6
UNDER 15	116,185	19.2	112,596	18.3	228,781	18.7
UNDER 18	145,098	24.0	140,259	22.7	285,357	23.4
UNDER 21	173,426	28.7	168,089	27.3	341,515	28.0
15 - 49	317,861	52.6	310,001	50.3	627,862	51.4
15 - 59	404,196	66.9	398,323	64.6	802,519	65.7
15 - 64	436,311	72.2	433,300	70.3	869,611	71.2
12 & OVER	516,295	85.4	531,397	86.2	1,047,692	85.8
15 & OVER	488,259	80.8	504,173	81.7	992,432	81.3
16 & OVER	478,486	79.2	494,784	80.2	973,270	79.7
18 & OVER	459,346	76.0	476,510	77.3	935,856	76.6
21 & OVER	431,018	71.3	448,680	72.7	879,698	72.0
60 & OVER	84,063	13.9	105,850	17.2	189,913	15.6
65 & OVER	51,948	8.6	70,873	11.5	122,821	10.1
MEAN AGE	35.84		37.51		36.69	
MEDIAN AGE	35.20		36.68		35.93	
DEPENDENCY RATIO*	385.35		423.42		404.32	

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

### MAIN HEALTH INSTITUTIONS AS AT END OF 2016

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	1	-
Community Hospital ***	2	-
Mediclinic <sup>+</sup>	5	-
Area Health Centre <sup>+++</sup>	18	3****
Community Health Centre	116	14
Maternal and Child Health Clinic	145	14
Vaccination Clinic (babies)	159	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	5	-
Dialysis Clinic <sup>**</sup>	6	1
Day Care Centre for the Immuno-suppressed	8	1
Methadone Substitution Therapy Centre	3	-
Detoxication Centre <sup>@</sup>	1	-
Chest Clinic	1	-
PRIVATE SECTOR		
Private Clinic/Hospital (with in-patient service)	17	-
Pharmaceutical retail outlet	342	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

### Bed Situation as at end of 2016

INSTITUTION	Island of Mauritius	Island of Rodrigues*	Republic of Mauritius
Government Hospitals	3,707	178	3,885
Private Clinics	653	0	653
<b>TOTAL</b>	<b>4,360</b>	<b>178</b>	<b>4,538</b>

\* A decrease has been noted in the number of beds (2 wards at La Ferme were closed for renovation)

REPUBLIC OF MAURITIUS  
SELECTED HEALTH MANPOWER STATISTICS AS AT END OF YEAR 2008- 2016

YEAR	2008		2009		2010		2011		2012		2013		2014		2015		2016	
GRADE	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION	NUMBER	PER 10,000 POPULATION
<b><u>DOCTOR</u></b>																		
Employed by Mins. of Health <sup>@</sup>	852	6.8	887	7.1	967	7.7	970	7.7	1,000	8.0	1,054	8.4	1,077	8.5	1,111	8.8	1,155	9.1
- of which specialists	(275)		(277)		(288)		(284)		(284)		(290)		(300)		(301)		(314)	
In private practice	598		588		533		591		722		992		1,352		1,439		1,614	
<b>TOTAL</b>	<b>1,450</b>	<b>11.6</b>	<b>1,475</b>	<b>11.8</b>	<b>1,500</b>	<b>12.0</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>
Of which specialist*	(559)		(580)		(610)		(642)		(676)		(718)		(734)		(788)		(813)	
<b><u>DENTIST</u></b>																		
Employed by Mins. of Health	61	0.5	59	0.5	66	0.5	66	0.5	59	0.5	58	0.5	58	0.5	58	0.5	69	0.5
In private practice	174		191		194		202		242		293		308		322 #		316 #	
<b>TOTAL</b>	<b>235</b>	<b>1.9</b>	<b>250</b>	<b>2.0</b>	<b>260</b>	<b>2.1</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><u>PHARMACIST</u></b>																		
Employed by Mins. of Health	20	0.2	19	0.2	19	0.2	23	0.2	23	0.2	23	0.2	27	0.2	27	0.2	27	0.2
In private practice	328		367		381		385		409		437		467		470		487	
<b>TOTAL</b>	<b>348</b>	<b>2.8</b>	<b>386</b>	<b>3.1</b>	<b>400</b>	<b>3.2</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><u>QUALIFIED NURSE &amp; MIDWIFE</u></b>																		
Employed by Mins. of Health	3,179	25.5	3,187	25.5	3,174	25.4	3,089	24.6	3,051	24.3	3,202	25.4	3,331	26.4	3,461	27.4	3,686	29.2
In Private practice	221		313		426		581		686		761		794		669		452	
<b>TOTAL</b>	<b>3,400</b>	<b>27.3</b>	<b>3,500</b>	<b>28.0</b>	<b>3,600</b>	<b>28.8</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>4,138</b>	<b>32.7</b>

<sup>@</sup> excluding doctors (included in figure in private practice) working under the " Bank of Doctors" scheme and Pre-Registration House Officers (253)

# estimate

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

Source: Establishment Division/Medical 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 2016<sup>@</sup>**

<b>Cadre / Grade<sup>#</sup></b>	<b>Number</b>	<b>Cadre / Grade<sup>#</sup></b>	<b>Number</b>
Administrative Cadre	20	Community Health Development Motivator	5
Human Resource Cadre	49	Community Health Care Officer	100
Office Management Cadre	67	Sanitary Engineer	4
Management Support Officer incl Office Supervisor	253	Health Engineering Officer	18
Confidential Secretary	32	Health Statistician	5
Word Processing Cadre	39	Statistical Officer	8
Office Care Attendant	54	Demographer	2
Finance Cadre	46	Analyst	2
Procurement & Supply Cadre	112	Hospital Administration Cadre	19
Internal Control Cadre	4	Blood Bank Cadre	16
Health Records Cadre	377	Pathological Laboratory Assistant	17
Health Information, Education and Communication Cadre	10	Community Health Rehabilitation Officer	65
Medical Specialist	314	Medical Social Worker	12
Medical Officer (Non specialist)	841	Welfare Assistant	9
Dentist (including specialist)	69	Clinical Scientist (Biochemistry or Virology)	10
Pharmacist	27	Scientific Officer Vector Biology and Control Division	3
Ayurvedic Medical Officer	5	Vector Biology & Control Laboratory Technician (Entomology)	3
Nutritionist	12	Bio-Medical Engineering Technician	10
Occupational Therapy Cadre	28	Government Analyst	9
Speech Therapists & Audiologist	5	Technical Officer (Chemical Laboratory)	19
Speech and Hearing Therapy Assistant	6	Medical Laboratory Technologist	217
Clinical Psychologist	7	Pharmacy Technician ( inc. Stores Manager)	227
Hospital Physicist	5	Public Health & Food Safety Inspector	148
Dental Assistant	66	Health Surveillance Officer	96
EEG Technician	3	Insecticide Sprayer Operator	81
ECG Technician	33	Rodent Control Cadre	16
Physiotherapist	21	Catering Cadre	22
Physiotherapy Assistant	39	Orthopaedic Technician (incl Assistant)	12
Medical Imaging Technologist	107	Surgical Technologist	8
Medical Imaging Assistant	40	Permanencier	14
Radiation Therapist	10	Ambulance Driver	130
Nuclear Medicine Technologist	4	Ambulance Care Attendant	134
Nurse / Midwife Educator	11	Ward Assistant	128
Nursing Cadre (incl Psychiatry)	3,417	Cook	90
Midwife	121	Attendant (Hospital Services)	1,765
Public Health Nursing officer	64	Linen Officer	58
Specialised Nurse (including Diabetes)	84	Laundry Attendant	57
Health Care Assistant (General)	1,188	Mortuary Attendant	11

Source: Human Resource Division of the Ministry of Health & Quality of life

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

@ Some 13,900 officers were holding substantive posts at the Ministry of Health & QL, including hospitals and health centres etc.

42  
REPUBLIC OF MAURITIUS  
**MATERNAL AND CHILD HEALTH ACTIVITIES IN PUBLIC SECTOR - 2016**  
(excluding activities carried out at Regional Hospitals)

ACTIVITY		
<b>DOMICILIARY VISITS BY MIDWIFE/NURSE</b>		
ANTENATAL		973
POSTNATAL		3,137
<b>TOTAL DOMICILIARY VISITS</b>		<b>4,110</b>
<b>CASES REFERRED TO HEALTH CENTRES &amp; HOSPITALS</b>		
BY DOCTOR FOR SPECIALISED TREATMENT		10,651
BY MIDWIFE/NURSE AFTER ANTENATAL VISIT		9
BY MIDWIFE/NURSE AFTER POSTNATAL VISIT		0
<b>TOTAL CASES REFERRED</b>		<b>10,660</b>
<b>EXAMINATIONS CARRIED OUT AT CLINIC</b>		
ANTENATAL EXAMINATIONS BY MIDWIFE/NURSE		
First attendances		9,508
Subsequent attendances		40,045
ANTENATAL EXAMINATIONS BY DOCTOR*		
First attendances		10,114
Subsequent attendances		38,253
POSTNATAL EXAMINATIONS BY DOCTOR		
First attendances		5,351
Subsequent attendances		1,266
CHILDREN SEEN FOR GROWTH MONITORING		
Number of attendances		153,363
of whom reported underweight	513	
of whom reported overweight	304	
EXAM. OF CHILDREN UNDER 5 YEARS BY DOCTOR		
First attendances		6,627
Subsequent attendances		15,580
<b>TOTAL ATTENDANCES AT CLINIC</b>		<b>280,107</b>

\* of which 1,347 and 5,636 cases examined by specialists at first and subsequent attendances respectively.

**STATISTICS RELATING TO THE EXPANDED PROGRAMME ON IMMUNIZATION - 2016**

IMMUNIZATIONS PERFORMED		
<b>BABIES</b>		
B.C.G.		11,251
M.M.R.		10,581
D.P.T. & H.I.B, HEP. B, O.P.V & IPV@:	1st dose	11,140
	2 <sup>nd</sup> dose	9,825
	3 <sup>rd</sup> dose (excluding Hep B)	11,049
	Booster dose (excluding Hep B)	9,360
Hepatitis B only@:	3 <sup>rd</sup> dose	8,215
D.T, O.P.V & HEP.B :	1 <sup>st</sup> dose	72
	2 <sup>nd</sup> dose	103
	3 <sup>rd</sup> dose	101
	Booster dose (excluding Hep B)	871
ROTAVIRUS:	1 <sup>st</sup> dose	11,119
	2 <sup>nd</sup> dose	10,567
Pneumococcal*:	1 <sup>st</sup> dose	9,158
	2 <sup>nd</sup> dose	6,905
	3 <sup>rd</sup> dose	1,021
<b>ATTENDANCES FOR IMMUNIZATION OF CHILDREN (a)</b>		<b>111,338</b>
<b>PREGNANT WOMEN</b> (including Regional Hospitals)		
TETANUS TOXOID:	1st dose	8,235
	2nd dose	7,342
	Booster dose (1 year after 2nd dose)	1,386
<b>ATTENDANCES FOR IMMUNIZATION OF PREGNANT WOMEN (b)</b>		<b>16,963</b>
<b>TOTAL ATTENDANCES FOR IMMUNIZATION (a+b)</b>		<b>128,301</b>
<b>PRIMARY SCHOOL CHILDREN*</b>		
MMR (std I)		11,090
DT & OPV (std I)		11,364
TETANUS TOXOID (STD VI)		13,962
HPV# (gils in std V): 1 <sup>st</sup> dose		6,334
<b>IMMUNIZATION OF PRIMARY SCHOOL CHILDREN</b>		<b>42,750</b>

\* No data obtained for 5 schools for Rodrigues

\* Pneumococcal vaccine started in March 2016

# HPV started in August 2016 in Mauritius and in September in Rodrigues, only 1<sup>st</sup> dose done in 2016

@ following re-scheduling of vaccine as from end of 2015



**STATISTICS RELATING TO MATERNAL AND CHILD HEALTH ACTIVITIES  
AT GOVERNMENT CLINICS BY DISTRICT – 2016**

(excluding activities carried out at Regional Hospitals)

DISTRICT	PORT LOUIS	PAMPLEMOUSSES	RIVIERE DU REMPART	FLACQ	GRAND PORT	SAVANNE	PLAINES WILHEMS	MOKA	BLACK RIVER	ISLAND OF MAURITIUS
<u>DOMICILIARY VISITS BY MIDWIFE/NURSE</u>										
ANTENATAL	133	198	47	26	175	168	141	17	68	973
POSTNATAL	536	653	647	350	149	99	317	203	183	3,137
TOTAL DOMICILIARY VISITS	669	851	694	376	324	267	458	220	251	4,110
<u>CASES REFERRED TO HEALTH CENTRES &amp; HOSPITALS</u>										
BY DOCTOR FOR TREATMENT	1,004	862	924	1,013	827	583	3,334	458	778	9,783
BY MIDWIFE/NURSE AFTER ANTENATAL VISIT	-	-	-	-	-	-	-	9	-	9
BY MIDWIFE/NURSE AFTER POSTNATAL VISIT	-	-	-	-	-	-	-	-	-	-
<u>EXAMINATIONS CARRIED OUT AT CLINIC</u>										
ANTENATAL EXAM. BY MIDWIFE/ NURSE										
First attendances	975	937	938	1,124	800	511	2,119	566	691	8,661
Subsequent attendances	3,886	4,093	4,179	4,005	2,229	1,953	7,443	2,787	3,099	33,674
ANTENATAL EXAM. BY DOCTOR*										
First attendances	928	914	913	1,118	968	499	2,580	536	811	9,267
Subsequent attendances	3,419	3,363	3,820	3,829	1,937	1,762	8,941	2,300	2,513	31,884
POSTNATAL EXAM. BY DOCTOR										
First attendances	638	896	712	971	150	147	494	424	246	4,678
Subsequent attendances	10	95	141	253	42	36	4	3	45	629
CHILDREN SEEN FOR GROWTH MONITORING										
Total number of attendances	14,956	18,612	15,132	34,457	10,041	4,971	29,599	11,479	8,322	147,569
<i>Reported underweight</i>	63	15	-	232	14	8	30	124	27	513
<i>Reported Overweight</i>	73	9	-	95	5	4	25	77	16	304
EXAM. OF CHILDREN UNDER 5 YRS BY DOCTOR										
First attendances	686	925	583	947	772	391	1,416	448	459	6,627
Subsequent attendances	1,509	2,689	2,423	2,439	1,142	612	2,733	1,056	977	15,580
Total exam of children under 5 yrs by doctor	2,195	3,614	3,006	3,386	1,914	1,003	4,149	1,504	1,436	22,207
TOTAL ATTENDANCES AT CLINIC	27,007	32,524	28,841	49,143	18,081	10,882	55,329	19,599	17,163	258,569

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

**STATISTICS RELATING TO MATERNAL AND CHILD HEALTH ACTIVITIES  
AT GOVERNMENT CLINICS BY DISTRICT – 2016**  
(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		288	329	292	274	266	121	885	247	172	2,874	33.2
Between 3 and 6 months		604	547	589	751	459	356	990	292	438	5,026	58.0
6 months and over		83	61	57	99	75	34	244	27	81	761	8.8
<b>TOTAL FIRST ATTENDANCES</b>		<b>975</b>	<b>937</b>	<b>938</b>	<b>1,124</b>	<b>800</b>	<b>511</b>	<b>2,119</b>	<b>566</b>	<b>691</b>	<b>8,661</b>	<b>100.0</b>
<b>FIRST DETERMINATION OF HAEMOGLOBIN LEVEL (mg/dl) OF ANTENATAL CASES</b>												
below 9.0		34	36	59	18	30	8	48	10	23	266	3.4
9.0 to 9.9		88	93	131	51	37	32	118	42	57	649	8.3
10.0 to 10.9		211	218	242	224	166	116	385	152	138	1,852	23.7
11.0 to 11.9		246	283	335	362	242	153	673	179	183	2,656	34.0
12.0 or above		217	181	244	261	267	199	710	131	169	2,379	30.5
<b>TOTAL FIRST DETERMINATIONS</b>		<b>796</b>	<b>811</b>	<b>1,011</b>	<b>916</b>	<b>742</b>	<b>508</b>	<b>1,934</b>	<b>514</b>	<b>570</b>	<b>7,802</b>	<b>100.0</b>

**STATISTICS RELATING TO THE EXPANDED PROGRAMME ON IMMUNIZATION  
BY DISTRICT – 2016**

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.		1,340	1,244	1,033	1,218	930	579	2,651	687	849	10,531
M.M.R.		1,145	1,144	973	1,190	950	566	2,475	680	829	9,952
D.P.T & H.I.B, HEP. B & O.P.V/IPV:											
1st dose		1,252	1,265	985	1,200	959	603	2,633	668	820	10,385
2nd dose		1,140	1,069	867	1,064	823	578	2,273	562	721	9,097
3 <sup>rd</sup> dose <sup>@</sup>		1,330	1,269	1,043	1,186	917	612	2,564	653	749	10,323
Booster dose <sup>#</sup>		927	1,048	911	1,034	893	540	2,200	613	701	8,867
Hepatitis B <sup>#</sup> : 3rd dose		1,022	1,003	774	917	691	415	1,971	547	597	7,937
ROTAVIRUS: 1st dose		1,336	1,247	996	1,167	949	604	2,618	651	806	10,374
2nd dose		1,205	1,226	984	1,144	926	596	2,472	605	694	9,852
Pneumococcal: 1 <sup>st</sup> dose		1,155	1,002	805	931	802	495	2,175	552	719	8,636
2 <sup>nd</sup> dose		815	782	644	703	618	376	1,624	409	524	6,495
3 <sup>rd</sup> dose		45	179	197	20	140	103	174	45	32	935
D.T , O.P.V & HEP.B:											
1st dose		13	7	4	2	2	8	18	3	15	72
2nd dose		15	12	8	4	4	5	26	7	22	103
3rd dose		21	16	7	3	3	4	25	6	16	101
Booster dose		121	55	52	60	48	42	284	80	120	862
<b>TOTAL ATTENDANCES FOR IMMUNIZATION OF CHILDREN</b>		<b>12,882</b>	<b>12,568</b>	<b>10,283</b>	<b>11,843</b>	<b>9,655</b>	<b>6,126</b>	<b>26,183</b>	<b>6,768</b>	<b>8,214</b>	<b>104,522</b>
TOTAL VACCINATION SHOTS PERFORMED ON BABIES		16,604	16,171	13,178	15,293	12,354	7,919	33,653	8,651	10,504	134,327
<b>PREGNANT WOMEN *:</b>											
TETANUS TOXOID:											
1st dose		839	806	857	998	739	539	1,742	507	618	7,645
2nd dose		735	739	791	857	677	508	1,527	472	529	6,835
Booster dose											
(1 year after 2nd dose)		252	182	241	105	72	57	270	104	68	1,351
<b>TOTAL ATTENDANCES FOR IMMUNIZATIONS OF PREGNANT WOMEN</b>		<b>1,826</b>	<b>1,727</b>	<b>1,889</b>	<b>1,960</b>	<b>1,488</b>	<b>1,104</b>	<b>3,539</b>	<b>1,083</b>	<b>1,215</b>	<b>15,831</b>

# A total of 138 Hepatitis B (any dose) and 387 IPV (any dose) were administered to babies

\* including immunizations carried out at Regional Hospitals @ with IPV & without Hep B

## 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

## 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

**IMMUNISATIONS REPORTED BY GOVT SERVICES AND PRIVATE INTERNATIONAL VACCINATION CENTRES  
2012 – 2016**

<b>DISEASE IMMUNIZED AGAINST</b>		<b>YEAR</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
TUBERCULOSIS (B.C.G.)			11,845	11,042	10,851	10,143	10,531
DIPHTHERIA, PERTUSSIS, TETANUS, POLIOMYELITIS & HEPATITIS B (D.P.T, H.I.B, HEP.B & O.P.V/IPV )	1st dose		11,807	11,097	10,808	9,988	10,385
	2nd dose		11,896	11,197	10,849	10,178	9,097
	3rd dose ( excluding Hep B)		11,754	11,306	10,771	10,289	10,323
	3 <sup>rd</sup> dose (Hep B only)		-	-	-	-	8,215
	Booster Dose(excluding Hep B)		10,652	10,708	9,915	9,572	8,867
ROTAVIRUS	1st dose		-	-	-	7,674	10,374
	2nd dose		-	-	-	6,702	9,852
PNEUMOCOCCAL	1st dose		-	-	-	-	8,636
	2nd dose		-	-	-	-	6,495
	3rd dose		-	-	-	-	935
(DIPHTHERIA TETANUS, POLIOMYELITIS & HEP B )	1st dose		87	134	94	106	72
	2nd dose		121	189	135	118	103
	3rd dose		150	186	211	151	101
	Booster dose ( exclude HEP. B)		14,364	14,567	13,916	12,950	11,980
YELLOW FEVER			1,996	1,898	1,945	1,802	2,008
INFLUENZA <sup>@</sup>			99,209	94,959	110,269	102,144	100,921
TETANUS \$			209,809	210,482	209,325	213,125	209,371
TYPHOID FEVER			724	952	1,252	761	1,040
INFECTIOUS HEPATITIS "A"			9,748	8,960	8,323	11,796	10,328
INFECTIOUS HEPATITIS "B"	1st dose		817	633	904	705	958
	2nd dose		844	527	522	613	748
	3rd dose		446	404	356	610	567
	4th & higher dose		421	456	529	799	853
	Booster dose		86	87	152	152	158
	Unspecified dose		133	89	85	103	95
MENINGITIS			3,296	3,737	3,057	4,140	5,214
MEASLES/ MUMPS/ RUBELLA (MMR)			25,587	24,701	23,719	22,572	20,677
HUMAN PAPILLOMA VIRUS (HPV) 1 <sup>st</sup> dose			-	-	-	-	5,979

@ 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 – 2016

DISTRICT	Surviving Infants <sup>#</sup>	BABIES										PREGNANT WOMEN	
		BCG		MMR		DPT		HEPATITIS B		POLIO		TETANUS TOXOID	
		Number	Coverage <sup>@</sup> Rate	Number	Coverage <sup>@</sup> Rate	Number (3rd 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
PORT LOUIS	1,416	1,340	94.6	1,145	80.9	1,329	93.9	1022	72.2	1396	98.6	987	66.8
PAMPLEMOUSSES	1,393	1,244	89.3	1,144	82.1	1,268	91.0	1003	72.0	1380	99.1	921	64.0
RIVIERE DU REMPART	1,168	1,033	88.4	973	83.3	1,040	89.0	774	66.3	1158	99.1	1,032	83.6
FLACQ	1,404	1,218	86.8	1,190	84.8	1,183	84.3	917	65.3	1316	93.7	962	65.7
GRAND PORT	1,113	930	83.6	950	85.4	913	82.0	691	62.1	1047	94.1	749	64.5
SAVANNE	652	579	88.8	566	86.8	597	91.6	415	63.7	650	99.7	565	83.0
PLAINES WILHEMS	3,256	2,651	81.4	2,475	76.0	2,559	78.6	1971	60.5	3009	92.4	1,797	52.9
MOKA	797	687	86.2	680	85.3	653	81.9	547	68.6	746	93.6	576	69.3
BLACK RIVER	999	849	85.0	829	83.0	746	74.7	597	59.8	981	98.2	597	57.3
ISLAND OF MAURITIUS	12,198	10,531	86.3	9,952	81.6	10,288	84.3	7937	65.1	11683	95.8	8,186	64.3
RODRIGUES	730	720	98.6	629	86.2	718	98.4	278	38.1	718	98.4	542	70.1
REPUBLIC OF MAURITIUS	12,928	11,251	87.0	10,581	81.8	11,006	85.1	8215	63.5	12401	95.9	8,728	64.7

# : live births less infant deaths registered in 2016

@ based on surviving infants

&: based on estimated pregnant women

DISTRICT PERFORMANCE – 2016  
GOVERNMENT CLINICS

Coverage Rate for DPT 3rd dose	Less than 80%	80% to 89%	90% and
Number of districts	2	4	4

REPUBLIC OF MAURITIUS  
EXPANDED PROGRAMME ON IMMUNIZATION AT GOVERNMENT CLINICS  
IMMUNISATION\*\* COVERAGE RATES  
2000 - 2016

<div> <div>VACCINE</div> <div>YEAR</div> </div>	BABIES ( 0-1 year )												PREGNANT WOMEN		
	BCG			DPT (3rd dose)			POLIO (3rd dose)			MMR* (1 <sup>st</sup> 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
2000	87.2	96.7	87.5	87.3	93.9	87.7	87.4	94.4	88.0	84.3	76.7	84.0	75.3	79.9	75.5
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

\*\* See Glossary for full name of vaccines

ISLAND OF MAURITIUS  
**DISTRIBUTION OF IMMUNIZATIONS REPORTED IN 2016**  
**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		10,531	-	10,531
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	10,385	-	10,385
		2nd dose	9,097	-	9,097
		3 <sup>rd</sup> dose (excluding Hep B)	10,323	-	10,323
	M.C.H. Clinics	3rd dose (Hep B only)	8,215	-	8,215
		Booster dose (Excluding HEP.B)	8,867	-	8,867
ROTA VIRUS ( 4 valents)	Babies attending	1st dose	10,374	-	10,374
	M.C.H Clinics	2nd dose	9,852	-	9,852
PNEUMOCOCCAL (4 valents)	Babies attending MCH clinics	1st dose	8,636	-	8,636
		2nd dose	6,495	-	6,495
		3 <sup>rd</sup> dose	935	-	935
DIPHTHERIA TETANUS, POLIOMYELITIS & HEPATITIS B (D.T, O.P.V & HEP B)	Babies attending M.C.H. Clinics	1st dose	72	-	72
		2nd dose	103	-	103
		3rd dose	101	-	101
	Babies attending M.C.H. Clinics	Booster dose (exclude Hep. B)	862	-	862
	Primary Schools New Entrants		10,976	-	10,976
	Persons travelling abroad		-	142	142
YELLOW FEVER	Persons travelling abroad		1,801	207	2,008
INFLUENZA (Trivalent inc AH1N1) <sup>##</sup>	Old persons <sup>*</sup>		90,000	-	90,000
	Children between 6 months to 2 years, health personnel, patients with chronic condition <sup>@</sup> , etc		10,800	-	10,800
	Persons travelling abroad		-	121	121
TETANUS	Pregnant women attending Antenatal Clinics	1st dose	7,645	-	7,645
		2nd dose	6,835	-	6,835
		Booster dose	1,351	-	1,351
	Primary School Leavers		13,540	-	13,540
	Injured persons attending Health Institutions		180,000	-	180,000
TYPHOID FEVER	Persons travelling abroad		880	160	1,040
INFECTIOUS HEPATITIS "A"	Persons travelling abroad		10,253	75	10,328
INFECTIOUS HEPATITIS "B"	Mainly Dialysis Patients, Medical and Para-medical Staff, Policemen and Firemen	1st dose	958	-	958
		2nd dose	748	-	748
		3rd dose	567	-	567
		4th & higher dose	853	-	853
		Booster dose	158	-	158
	Persons travelling abroad	Unspecified dose	-	95	95
MENINGITIS	Persons travelling abroad		5,141	73	5,214
MEASLES/MUMPS/RUBELLA (MMR)	Babies attending M.C.H. Clinics		9,952	-	9,952
	Primary Schools New Entrants		10,694	-	10,694
	Persons travelling abroad		-	31	31
HUMAN PAPILLOMA VIRUS (HPV- 2 valents)	Primary school children (std V)	1 <sup>st</sup> dose	5,979	-	5,979

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

## including Rodrigues

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

# City Clinic and Fortis Darne Clinic

ISLAND OF MAURITIUS  
**SUMMARY OF WORK PERFORMED IN HOSPITALS - 2016**

HOSPITAL		NUMBER OF ADMISSIONS	Average length of stay (dav)	Number of Deaths	Daily available beds	Percentage occupancy	NUMBER OF OPERATIONS <sup>§</sup> PERFORMED		CASES SEEN BY DOCTOR			
							Accident & Emergency Department	Sorted OPD	Unsorted OPD	TOTAL *		
											IN-PATIENTS	OUT-PATIENTS
DR. A.G. JEETOO (P.Louis)		40,735	4.1	1,091	566	80.2	7,875	-	261,099	165,225	119,593	545,917
S.S.R.N. (Pamplemousses)		33,267	3.8	906	488	71.1	5,871	-	170,040	180,078	107,934	458,052
FLACQ (Central Flacq)		24,816	3.8	551	332	78.4	5,043	-	119,141	112,226	128,625	359,992
J. NEHRU (Rose Belle)		27,166	4.0	802	435	68.9	4,910	-	142,569	126,343	50,300	319,212
VICTORIA & P.M.O.C.(Quatre Bornes)		46,178	5.0	1,710	789	81.0	9,639	-	209,166	264,844	136,956	610,966
MAHEBOURG		4,468	1.3	1	51	31.7	-	-	59,819	16,765	28,590	105,174
SOUILLAC		9,315	0.9	7	63	36.2	1,904 @	-	84,879	29,351	-	114,230
SUB-TOTAL (GENERAL)		185,945	4.0	5,068	2,724	74.4	35,242	-	1,046,713	894,832	571,998	2,513,543
BROWN SEQUARD (PSYCHIATRY) (Beau Bassin)	Long stay patients	35	365.0	7	425	96.3	-	-	22,647	27,704	-	50,351
	Others	4,995	11.2	9	238	60.2						
POUDRE D'OR (CHEST)		679	18.8	22	61	57.4	-	-	-	15,465 "	-	15,465
S. BHARATI (EYE) (Moka)		9,552	2.3	0	68	89.9	7,911	1,211	122,297	73,038	-	195,335
E.N.T. CENTRE (Vacoas)		4,946	2.0	2	53	51.7	1,224	4,780	157,377	13,867	-	171,244
CARDIAC CENTRE (Pamplemousses)		2,695	5.1	64	60	62.6	1,294	-	-	13,797	-	13,797
TOTAL (GENERAL + SPECIALISED)		208,847	4.8	5,172	3,629	75.5	45,671	5,991	1,349,034	1,038,703	571,998	2,959,735

\$ 20,446 requiring General Anaesthesia

# seen at Chest Clinic (Port Louis)

@ eye surgeries (as from 2015)

\* excluding 410,915 emergency cases seen mainly at sorted OPD

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

(b) a total of 5,494,713 cases have been seen by doctor in all public health institutions (3,370,650 at hospitals)



### CT-SCAN AND MRI PERFORMED ON GOVERNMENT HOSPITAL PATIENTS 2015 & 2016

HOSPITAL	NUMBER OF EXAMINATIONS			
	2015		2016	
	CT - SCAN	MRI	CT - SCAN	MRI
Dr. A.G. JEETOO	6,751	1,358	7,284	1,692
SSSRN	- *	939	*	88 <sup>+</sup>
FLACQ				
J. NEHRU	1,850 @	-	2,442	-
VICTORIA	6,628	1,575	6,731	1,569
QUEEN ELIZABETH <sup>#</sup>	523		825	
<b>SUB TOTAL</b>	<b>15,752</b>	<b>3,872</b>	<b>17,298</b>	<b>3,349</b>
PRIVATE <sup>&amp;</sup>	291	106	27	16
<b>TOTAL</b>	<b>16,043</b>	<b>3,978</b>	<b>17,309</b>	<b>3,365</b>

@ out of order during several months

\* out of order in 2015 & 2016

# operational as from July 2014

+ out of order and majority cases referred to Jeetoo Hospital

& Mostly from Flacq Hospital

### ISLAND OF MAURITIUS

### NON-TRAUMATIC AMPUTATIONS PERFORMED IN GOVERNMENT HOSPITALS 2012-2016

CATEGORY	2012			2013			2014			2015			2016		
	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
New amputees	224	106	330	250	98	348	250	102	352	246	101	347	306	119	425
Re-amputation	133	36	169	148	52	200	169	53	222	163	53	216	217	49	266
<b>TOTAL (Amputations)</b>	<b>357</b>	<b>142</b>	<b>499</b>	<b>398</b>	<b>150</b>	<b>548</b>	<b>419</b>	<b>155</b>	<b>574</b>	<b>409</b>	<b>154</b>	<b>563</b>	<b>523</b>	<b>168</b>	<b>691</b>
Number of patients amputated	271	118	389	302	115	417	302	114	416	298	121	419	374	132	506
% Diabetic	91.1	94.9	92.3	86.8	90.4	87.8	92.1	93.9	92.5	91.9	85.1	90.0	93.0	92.4	92.9

### HAEMODIALYSIS PERFORMED ON GOVERNMENT HOSPITAL PATIENTS 2015- 2016

(see page 119 for data of Rodrigues)

HOSPITAL/CENTRE	NUMBER OF HAEMODIALYSIS PERFORMED	
	2015	2016 <sup>#</sup>
Dr. A.G. JEETOO	20,430	21,492
SSSRN	26,022	28,989
FLACQ	29,982	29,151
J. NEHRU	19,448	19,599
VICTORIA	27,653	27,692
SOUILLAC	9,114	10,934
<b>SUB TOTAL</b>	<b>132,649</b>	<b>137,857</b>
PRIVATE	47,627	53,107
<b>TOTAL</b>	<b>180,276</b>	<b>190,964</b>

# At the end of 2016, there were 908 patients on dialysis in the 5 regional hospitals and Souillac Hospital; another 356 government hospital patients were on dialysis in private centres, making a total of 1,264 patients (1,228 patients as at end of 2015)

**WORK PERFORMED IN MATERNITY SECTIONS OF GOVERNMENT GENERAL HOSPITALS 2000- 2016**

	DELIVERY					BIRTH						
	NORMAL <sup>#</sup>	INSTRU- MENTAL	CAESARIAN SECTION		Total	LIVE BIRTH			STILL-BIRTH		TOTAL	
	No	No.	No.	% Total <sup>+</sup>		No.	No.	%	No.	Rate <sup>x</sup>	No.	% of births <sup>@</sup> registered in whole island
2000	11,944	382	4,508	26.8	16,834	16,747	2,400	14.3	215	12.7	16,962	86.1
2001	11,194	430	4,510	28.0	16,134	16,012	2,283	14.3	210	12.9	16,222	85.7
2002	11,305	374	4,714	28.8	16,393	16,331	2,335	14.3	177	10.7	16,508	86.1
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	1,777	19.1	89	9.5	9,382	73.0
2015	4,447	155	4,125	47.3	8,727	8,712	1,669	19.2	92	10.4	8,804	72.9
2016	4,610	163	3,970	45.4	8,743	8,737	1,586	18.2	93	10.5	8,830	70.8

\* birthweight of less than 2,500 gr;

@ live births + stillbirths

x per 1,000 total live births and stillbirths

+ CS Rate (%)

# mostly by midwife

NB: in 2016, (a) 81 and 3 deliveries occurred with twins and triplet respectively

(b) 487 births were reported as "premature" (5.6%)

**Livebirths registered among teenagers<sup>\*</sup> (whole island)**

Age -group (years)	2010	2011	2012	2013	2014	2015	2016
10 -14	19	24	14	28	27	27	24
15 -19	1,511	1,449	1,392	1,179	1,078	1,010	1,012
Live births among mothers aged <20 years <sup>@</sup>	1,530	1,473	1,406	1,207	1,105	1,037	1,036

\* Source: Statistics Mauritius

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

## ISLAND OF MAURITIUS

**ACTIVITY OF THE X-RAY DEPARTMENT\* -2016**

<b>Examination</b>	<b>Number</b>	<b>Examination</b>	<b>Number</b>
Extremities	260,942	Mammography	1309
Chest	173,985	Angioplasty	1204 #
Spine	84,841	Pyelogram (intravenous)	426
Skull	72,292	ERCP	200
Abdomen	53,002	Barium Swallow	153
Echography (ultra sound)	30,881	Barium Enema	136
Angiogram	4,322 #	Dental	68
C-Arm / O.T	2,257	Barium Meal	58

NB: a total of 705,413 (665,139 in 2015) 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 910 angiogram and angioplasty performed during same intervention

**SORTED OUT-PATIENT ATTENDANCES# AT SPECIALISED CLINICS -2016**

<b>Specialty</b>	<b>Number</b>	<b>Specialty</b>	<b>Number</b>
Orthopaedics	141,286	Physical Medicine	29,954
Cardiology	121,768	Chest Disease	29,555
General Medicine	114,744	ENT	28,409
General Surgery	99,046	Diabetology	11,566
Ophthalmology@	98,910	Neurosurgery	11,049
Psychiatry	89,663	Endocrinology	9,689
Dermatology	49,055	Neurology	6,686
Obstetrics	44,580	Nephrology/Renal Transplan	5,371
Gynaecology	44,164	Cardiac Surgery	3,962
Oncology	37,619	Plastic Surgery	3,719
Paediatrics	37,384	Geriatrics	1,355

# excluding emergency cases seen (as from 2015)

@ including 15,566 refractions only

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

<b>Service</b>	<b>Number</b>		
	<b>2014</b>	<b>2015</b>	<b>2016</b>
Physiotherapy	138,165	155,576	152,252
Occupational Therapy	44,074	43,816	36,952
Speech Therapy	10,095	10,860	11,738
Audiology	10,983	11,869	13,821
Podiatry@	3,673	3,494	5,116
Retinal screening	22,730	27,318	29,619

@ increases due to extension of services

**ATTENDANCES\* FOR THE TREATMENT OF COMMON DISEASES AND INJURIES**  
**AT THE COMMUNITY HOSPITALS, MEDICLINES, AREA HEALTH CENTRES AND COMMUNITY HEALTH CENTRES - 2016**

Region.	CENTRE AND DISTRICT TOTAL	Total attendances	Region.	CENTRE AND DISTRICT TOTAL	Total attendances	Region.	CENTRE AND DISTRICT TOTAL	Total attendances
	<b>FLACQ</b>			<b>PLAINES WILHEMS</b>			<b>PAMPLEMOUSSES</b>	
3	LADY RAMGOOLAM MEDICLINIC	108,965	1	B.BASSIN (L.Twining St) AHC	76,809	2	L.MOUNTAIN COMM HOSPITAL	119,179
3	FLACQ AHC	44,312	5	CASTEL AHC	58,587	2	TRIOLET MEDICLINIC	179,863
3	BEL AIR AHC	72,266	5	CUREPIPE ROAD AHC	54,696	2	Arsenal CHC	12,762
3	BRAMSTHAN AHC	47,774	5	QUATRE BORNES AHC	64,844	1	Baie Du Tombeau CHC	41,104
3	Belle Mare CHC	23,697	5	ROSE HILL AHC	50,805	2	Bon Air CHC	20,645
3	Bon Accueil CHC	25,841	5	VACOAS (Club road ) AHC	32,660	2	Calebasses (Human S.Trust) CHC	19,805
3	Camp De Masque Pavé CHC	24,215	5	Bassin CHC"	28,368	2	Congomah CHC	9,013
3	Camp Ithier CHC	16,761	1	Beau Bassin (Odette Leal) CHC	32,948	2	Crève Coeur CHC	13,350
3	Caroline CHC	23,615	1	Coromandel CHC	13,416	2	D'Epinay CHC	10,111
3	Clemencia CHC	11,380	5	Floreal CHC	16,229	2	Fond Du Sac CHC	31,146
3	Dr Saxena (Camp de Masque)CHC	24,333	5	Forest Side CHC	30,614	1	Le Hochet (S.K.Patel) CHC	22,296
3	Ecroignard CHC	15,020	5	Glen Park CHC	38,357	2	Pamplemousses CHC	29,458
3	G.R.S.E CHC	11,182	5	Highlands CHC	12,005	2	Petite Julie CHC	8,499
3	Lalmatie CHC	37,617	5	Midlands CHC	25,772	2	Plaine Des Papayes CHC	25,135
3	La Lucie Roy CHC	18,961	5	Pandit Sahadeo (Vacoas) CHC	39,535	2	Pointe Aux Piments CHC	17,761
3	Laventure CHC	22,114	5	Phoenix CHC	21,571	2	Terre Rouge CHC	36,043
3	Mare La Chaux CHC	18,132	5	SSR (Ollier) CHC	20,524	2	Trou aux Biches	12,734
3	Medine Camp De Masque CHC	21,835	5	Stanley CHC	65,958	2	Villebague CHC	8,797
3	Olivia CHC	15,991	5	Trefles (Jacques Rougeot)CHC	73,267		<b>TOTAL</b>	<b>617,701</b>
3	Pellegrin (R.F.Palmer) CHC	15,369	5	Swami Krishnanand (H/Rood) CHC	26,253			
3	Poste De Flacq CHC	37,539	5	La Caverne CHC	44,629		<b>BLACK RIVER</b>	
3	Quatre Cocos CHC	26,032	5	Wooton CHC	32,364	5	DR CANTIN Comm. HOSPITAL	61,776
3	Quatre Soeurs CHC	19,775		<b>TOTAL</b>	<b>860,211</b>	1	BAMBOUS AHC	67,116
1	St Julien D'Hotman CHC	13,565				1	Albion CHC	15,737
3	St Julien Village CHC	12,870		<b>MOKA</b>		5	Beaux Songes CHC	23,184
3	Sebastopol (Lesur) CHC	15,507	3	DR MAHLER(Mt. Blanche)AHC	74,092	5	Case Noyale CHC	14,535
3	Trou D'Eau Douce CHC	19,003	1	QUARTIER MILITAIRE AHC	39,434	5	Chamarel CHC	9,050
			1	DR QUENUM (St Pierre) AHC	46,928	5	Flic En Flac CHC	26,471
	<b>TOTAL</b>	<b>743,671</b>	1	Camp Thorel CHC	26,844	5	Shri R Jugnauth (Palma) CHC	27,155
			1	Dagotiere CHC	40,188	5	La Gaulette CHC	16,720
	<b>SAVANNE</b>		5	Dubreuil CHC	18,775	1	M. Leal (La Tour Koenig) CHC	33,089
4	CHEMIN GRENIER AHC	66,327	1	L'Avenir CHC	19,171	1	Petite Riviere CHC	56,678
4	TYACK AHC	56,464	1	La Laura CHC	7,571	5	Pointe Aux Sables CHC	17,696
4	Baie Du Cap CHC	17,738	1	M.de Speville (Esp/Q.M.) CHC	11,728	5	Tamarin CHC	9,851
4	Camp Diable CHC	15,395	3	Melrose CHC	13,596			
4	Chamouny (Prof.Cerene) CHC	17,066	1	Moka CHC	19,509		<b>TOTAL</b>	<b>379,058</b>
4	Grand Bois CHC	30,550	1	Pailles CHC	39,562			
			1	Pailles West CHC	11,494		<b>PORT LOUIS</b>	
	<b>TOTAL</b>	<b>203,540</b>	1	Providence CHC	22,984	1	DR Hyderkhan(P/Verte) Mediclinic	154,156
			1	Ripailles CHC	9,712	1	DR BOULOUX (Cassis) AHC	77,814
				<b>TOTAL</b>	<b>401,588</b>	1	Cité La Cure (Dr Mahler) CHC	31,241
						1	Eastern CHC	14,024
	<b>RIVIERE DU REMPART</b>					1	Roche Bois CHC	29,501
2	GOODLANDS AHC	192,000		<b>GRAND PORT</b>		1	Sainte Croix CHC	74,699
2	RIVIERE DU REMPART AHC	114,850	4	L'ESCALIER MEDICLINIC	66,132	1	Tranquebar CHC	36,006
2	Amaury CHC	17,882	4	ROSE BELLE AHC	44,106	1	Vallee Des Pretres CHC	21,953
2	Barlow CHC	10,643	4	Bambous Virieux CHC	13,913	1	Vallee Pitot CHC	33,672
2	Belle Vue Maurel CHC	17,751	4	Cluny CHC	10,157			
2	Cap Malheureux CHC	23,025	4	Grand Sable CHC	26,704		<b>TOTAL</b>	<b>473,066</b>
2	Cottage CHC	32,493	4	Mare D'Albert CHC	26,100			
2	Esp.Trébuchet (K.Ramdanee) CHC	22,761	4	Mare Tabac CHC	13,439			
2	Grand Bay CHC	30,973	4	New Grove CHC	36,604			
2	Grand Gaube CHC	27,301	4	Nouvelle France CHC	23,196		<b>ISLAND TOTAL **</b>	<b>4,732,358</b>
2	Petit Raffray CHC	34,622	4	Old Grand Port CHC	26,926		of which in Health Regions**	
2	Piton CHC	43,095	4	Plaine Magnien CHC	42,763		Region 1 (Dr Jeetoo Hospital)	1,140,949
2	Plaines Des Roches CHC	17,629	4	Riviere Des Creoles CHC	27,308		Region 2 (SSRN Hospital)	1,198,366
2	Poudre D'Or CHC	20,092	4	Riviere Du Poste CHC	13,676		Region 3 (Flacq Hospital)	817,794
2	Roches Noires CHC	21,543	4	Saint Hubert CHC	16,531		Region 4 (J.Nehru Hospital)	612,998
2	Vale CHC	17,405	4	Trois Boutiques CHC	21,903		Region 5 (Victoria Hospital)	962,251
	<b>TOTAL</b>	<b>644,065</b>		<b>TOTAL</b>	<b>409,458</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 Medi clinic , Bassin CHC and Nouvelle France CHC. The total attendances of these 3 centres are estimates based on total cases seen by doctor

\*\* at Community Hospitals (180,955), Mediclinics (701,116 ), Area Health Centre (1,089,884 ) and Community Health Centre (2,760,403).

\*\* excluding MCH (280,107 ), Vaccination (128,301 ), Family Planning (63,208) and Dental (211,472 )

## SUMMARY ON PRE-PRIMARY SCHOOL HEALTH PROGRAMME - 2016

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>	106	47	64	43	48	40	110	44	34	536	7	543
<i>No. of children on roll</i>	4,010	1,567	1,697	1,299	1,733	1,226	4,026	1,489	1,448	18,495	334	18,829
<i>No. of children screened</i>	3,349	1,349	1,477	1,173	1,491	1,023	3,488	1,284	1,245	15,879	244	16,123
Scabies	2	-	-	-	4	12	3	1	29	51	-	51
Nits and lice	149	84	64	58	82	48	206	95	78	864	2	866
Dental carries	624	362	352	154	247	156	537	276	301	3,009	60	3,069
No. of children referred to dentist	452	220	221	138	249	149	442	227	75	2,173	60	2,233
<b>No. of children referred to M.C.H. clinics for immunization</b>	266	31	43	-	38	27	159	79	67	710	-	710

## SUMMARY ON PRIMARY SCHOOL HEALTH PROGRAMME - 2016

DISTRICT ACTIVITY AND RESULT	Normal Schools									Specialised Schools <sup>#</sup>	ISLAND OF MAURITIUS	RODRIGUES	REPUBLIC OF MAURITIUS
	PORT LOUIS	PAMPLEMOUSSE	RIV. DU REMPART	FLACQ	GRAND PORT	SAVANNE	PLAINES WILHEMS	MOKA	BLACK RIVER				
SCREENING BY NURSING STAFF													
<i>No. of schools visited<sup>#</sup></i>	38	31	25	35	29	18	65	26	18	18	303	12	315
<i>No. of children on roll</i>	12,092	7,952	7,197	4,430	7,703	5,068	23,070	3,935	4,489	487	76,423	2,423	78,846
<i>No. of children screened</i>	4,393	6,612	7,046	2,993	4,874	3,142	8,365	2,004	2,616	410	42,455	1,231	43,686
Scabies	7	2	0	0	11	14	5	1	16	1	57	8	65
Nits and lice	237	507	803	182	415	296	610	222	300	10	3,582	1	3,583
Dental problems	1,616	1,681	1,881	422	931	527	1,278	545	756	42	9,679	144	9,823
No. of children referred to dentist	1,048	714	719	400	931	526	875	543	336	19	6,111	125	6,236
VISION SURVEY (Std III, V& VI)													
<i>No. of children screened</i>	2,730	2,252	2,399	2,096	2,401	1,565	6,961	1,763	1,413	31	23,611	398	24,009
<i>No. with defective vision</i>	233	70	4	38	103	66	341	78	38	2	973	0	973
<i>No. referred to specialists</i>	45	29	47	38	103	65	340	68	33	2	770	0	770
IMMUNIZATIONS PERFORMED													
D.T - POLIO (New entrants)	1486	1255	952	883	1054	754	3256	741	575	20	10,976	388	11,364
MMR (New entrants)	1417	1187	952	888	1004	699	3219	729	579	20	10,694	396	11,090
Tetanus Toxoid (School leavers)	1818	1530	1154	1101	1395	902	3878	946	740	76	13,540	422	13,962

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

## Primary School Health Statistics – 2016

## ISLAND OF MAURITIUS

SCREENING BY NURSING STAFF IN :	NORMAL SCHOOLS						Specialised schools (ss <sup>#</sup> )	Total
STANDARD:	I	II	III	IV	V	VI		
Number of children on roll	12,545	10,046	12,647	11,396	13,644	15,658	487	76,423
Number of children screened	10,951	2,229	8,855	2,613	12,093	5,304	410	42,455
Number of children having the following :								
Scabies	23	2	3	3	16	9	1	57
Nits and/or lice	695	217	606	279	1,292	483	10	3,582
Dental caries	2,687	522	2,045	677	2,874	832	42	9,679
<i>of whom referred to dentist</i>	1,971	134	1,329	215	2,001	442	19	6,111

VISION SURVEY ON CHILDREN IN:	III	V	VI	SS <sup>#</sup>
STANDARD:				
Number of children surveyed	11,149	12,331	100	31
Number of children with visual problem	346	625	0	2
<i>of whom referred to eye specialist</i>	305	463	0	2

IMMUNIZATION PERFORMED	Normal Schools	SS <sup>#</sup>	TOTAL
MMR (Standard I)	10,674	20	10,694
D.T - Polio (Standard I)	10,956	20	10,976
Tetanus (Standard VI)	13,464	76	13,540

# Specialised Schools

## ISLAND OF RODRIGUES

SCREENING BY NURSING STAFF IN :	I	II	III	IV	V	VI	Total
STANDARD:							
Number of children on roll	439	340	362	406	446	430	2,423
Number of children screened	277	106	191	138	315	204	1,231
Number of children having the following :							
Scabies	5	-	-	-	3	-	8
Nits and/or lice	1	-	-	-	-	-	1
Dental caries	51	15	21	13	29	15	144
<i>of whom referred to dentist</i>	32	15	21	13	29	15	125

VISION SURVEY ON CHILDREN IN:	III	V	VI	Total
STANDARD:				
Number of children surveyed	191	207	-	398
Number of children with visual problem	-	-	-	-
<i>of whom referred to eye specialist</i>	-	-	-	-

IMMUNIZATION PERFORMED	
MMR (Standard I)	396
D.T - Polio (Standard I)	388
Tetanus (Standard VI)	422

**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	1,548	15

\* 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

**Statistics on Home Nursing Care Services**

Year Health Region		Number of visits			
		2013	2014	2015	2016
1	Port Louis	4,930	17,897	9,834	13,981
2	Pamplemousses / Riviere du Rempart	10,629	11,070	9,665	10,108
3	Flacq	8,772	11,366	11,486	9,552
4	Grand Port / Savanne	6,936	7,985	7,208	8,061
5	Plaine Wilhems	5,226	5,763	5,553	6,136
Rodrigues		743	491	640	622
TOTAL		37,236	54,572	44,386	48,460

**SCREENING\* OF PRIMARY & PRE-PRIMARY SCHOOL CHILDREN# - 2016**

Children reported with:	Pre-primary	Primary
Abdominal pain	3	3
Pallor	19	9
Pityriasis versicolor	196	220
Skin diseases	212	662
Eye defects	52	146
Hearing impairment and other ear disorders	9	5
Speech disorders	115	34
Asthma (known)	37	65
Enlarged tonsils/tonsillitis	13	5
Upper respiratory tract infections	10	34
Congenital anomalies:		
<i>Cleft palate/lip</i>	1	4
<i>Congenital heart disease</i>	46	74
<i>Undescended testis</i>	31	54
Dyslexia	-	5
Mental & behavioural disorders	55	38
Underweight	128	208
Overweight	287	1,126
Other conditions	297	350
<b>No. of children referred to specialists</b>	<b>301</b>	<b>893</b>

\* for specific diseases by doctor or nursing staff

# all children not covered

**ACTIVITIES OF THE DENTAL HEALTH SERVICE 2013-2016****PREVENTIVE SERVICE\***

ACTIVITY	PLACE	POPULATION COVERED	2013	2014	2015	2016
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	90	74	81	232
		No. of pre-primary school children reached	3,020	2,355	2,380	7,602
		No. of primary schools visited	129	106	112	81
		No. of primary school children reached	39,224	36,616	29,860	30,929
		No. of secondary schools visited	-	1	2	1
		No. of secondary school children reached	-	326	122	185
	Other places (community)	No. of nursing mothers reached in well-baby clinics	-	-	-	-
		No. of persons reached in SWC/COM/other centres	1,966	899	-	85
		No of persons screened in mobile dental clinics	3,705	-	-	-
	TOTAL		47,915	40,196	32,362	38,801

Source: Dental Health Services

\* drastic changes due to administrative reasons

@ no fluoride distribution to children



# of which 211,472 (68.5%) seen at Primary Health Care Centres (2016)

Dental care		Number				
		2012	2013	2014	2015	2016
<u>EXTRACTION AND TOOTH RESTORATION</u>						
Deciduous teeth extracted		28,486	29,434	25,114	24,514	22,537
<u>School children</u>						
Temporary fillings inserted in :	deciduous teeth	8,760	8,009	6,791	6,361	6,968
	permanent teeth	4,082	3,273	3,067	3,122	3,392
Permanent fillings inserted :	amalgam	7,872	7,043	4,642	4,443	3,948
	composite	805	911	1,216	1,090	1,398
Permanent teeth extracted		1,248	1,013	891	901	653
<u>Adults</u>						
Temporary fillings inserted		62,764	61,245	58,447	59,739	61,456
Permanent fillings inserted :	amalgam	36,856	38,490	32,000	30,272	31,273
	composite	13,225	16,505	18,975	20,557	19,392
Teeth extracted		61,154	58,881	58,376	57,602	50,971
<u>OTHER DENTAL CARE</u>						
Treatment of paradontal disease		34,573	36,297	32,617	31,815	37,912
Surgical operations on jaws, etc.		7,817	8,588	6,957	5,290	4,924
Treatment of fracture of jaws		279	295	307	310	318
Endodontic treatment		4,134	4,602	4,461	4,059	4,309
Treatment of dental cysts		323	319	182	213	172
Treatment of temporo-mandibular joint		610	563	662	714	805
Application of pit and fissure sealants		9,939	6,941	8,656	5,163	2,617
Cases treated under general anaesthesia		172	548	1,124	1,074	947

Activity	Number				
	2012	2013	2014	2015	2016
No. of appliances delivered	940	962	1,101	1,027	923
No. of patients with cleft palate	34	42	33	56	85
No. of appliances activated	3,785	3,933	4,503	4,899	4,726
No. of appliances repaired	85	17	16	3	0

## REPUBLIC OF MAURITIUS

## Pathological tests carried out in public laboratories – 2016

Section	Island of Mauritius		Rodrigues		Republic of Mauritius	
	SPECIMENS	TESTS	SPECIMENS	TESTS	SPECIMENS	TESTS
Bacteriology	83,839	470,361	4,792	14,118	88,631	484,479
Biochemistry	4,819,629	6,975,492	109,024	156,828	4,928,653	7,132,320
Blood Transfusion	281,740	816,938	5,916	25,634	287,656	842,572
Cytology	11,357	14,511	-	-	11,357	14,511
Haematology	1,087,382	4,401,860	35,970	115,756	1,123,352	4,517,616
Histology	11,465	77,080	-	-	11,465	77,080
Parasitology	148,479	236,797	6,603	6,753	155,082	243,550
Virology & STI *	271,057	371,118	16,614	19,464	287,671	390,582
<b>Total</b>	<b>6,714,948</b>	<b>13,364,157</b>	<b>178,919</b>	<b>338,553</b>	<b>6,893,867</b>	<b>13,702,710</b>

\* Sexually Transmitted Infections

## Details of some pathological tests carried out in Blood Transfusion Services – 2016

Tests	Island of Mauritius		Rodrigues		Republic of Mauritius	
	SPECIMENS	TESTS	SPECIMENS	TESTS	SPECIMENS	TESTS
Antenatal	13,375	60,753	1,090	5,450	14,465	66,203
Antibody Screening	980	3,934	-	-	980	3,934
Antigen Typing	1,669	6,194	-	-	1,669	6,194
Cord Blood	13,784	17,001	190	484	13,974	17,485
Cross-Matched Cases	17,414	54,130	992	4,961	18,406	59,091
Direct Coomb's test	642	643	37	105	679	748
Donor Testing	44,365	192,989	1,485	7,415	45,850	200,404
Human Leucocyte Antigen	457	2,932	-	-	457	2,932
Transfusion Transmitted Infections	43,674	189,077	3,322	19,464	46,996	208,541
Type & Screen	46,996	124,832	1,147	5,735	48,143	130,567
Unit of Blood XM'd	39,392	108,553	966	1,484	40,358	110,037

## Selected Laboratory\* Confirmed Cases of Communicable Diseases 2005 – 2016

Disease	Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Gonorrhoea		37	16	10	5	3	5	12	23	15	44	31	56
Haemophilus influenza Type B		7	3	9	4	1	2	-	-	-	-	2	-
Hepatitis A		3	9	7	10	39	57	44	3	2	3	7	1
Hepatitis B		420	422	379	346	331	332	371	272	330	264	276	290
Hepatitis C		1,952	2,026	1,839	1,660	1,735	1,637	1,502	1,598	1,713	1,901	1,833	1,279
Leptospirosis		23	16	18	20	45	64	37	33	55	30	39	28
Meningitis Meningococcal		2	-	2	3	2	1	1	2	-	-	-	-
Syphilis		557	432	462	317	327	132	425	457	465	866	686	1087
Typhoid Fever		-	1	4	-	-	3	2	1	3	-	3	2

\* Government services

## REPUBLIC OF MAURITIUS

**POSITIVITY RATES OF PATHOLOGICAL TESTS CARRIED OUT IN PUBLIC LABORATORIES ON CERTAIN SELECTED PATHOGENIC CONDITIONS  
2014-2016**

PATHOGENIC CONDITION	2014			2015			2016		
	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	5,450			5,348			4,072		
(i) Selected parasites identified :									
Entamoeba histolytica		27	0.5		-	-		2	-
Precystic amoebae		21	0.4		9	0.2		4	0.1
Trichuris ova		40	0.7		21	0.4		20	0.5
Ascaris ova		40	0.7		29	0.5		27	0.7
Giardia lamblia		3	0.1		2	0.0		-	-
Hookworm ova		2	-		-	-		2	-
Strongyloides larvae		8	0.1		7	0.1		8	0.2
Shistosoma ova		-	-		-	-		-	-
(ii) Selected bacterial pathogens:	3222			2869			3246		
Non-typhoidal salmonella		185	5.7		100	3.5		113	3.5
Campylobacter		110	3.4		106	3.7		54	1.7
Shigella species		2	0.1		6	0.2		1	-
Salmonella typhi		1	-		-	-		-	-
2. Throat Swabs	3372			2891			2628		
Streptococcus group A		80	2.4		44	1.5		26	1.0
3. Cerebrospinal Fluid ( selected pathogens)	660			555			526		
Haemophilus influenzae type b		-	-		2	0.4		-	-
Streptococcus pneumoniae		7	1.1		3	0.5		2	0.4
Streptococcus group B		6	0.9		2	0.4		2	0.4
Cryptococcus neoformans		3	0.5		2	0.4		3	0.6
Neisseria meningitidis		-	-		-	-		-	-
4. Gonorrhoea	4,270	44	1.0	2,815	31	1.1	2,394	56	2.3
5. Malaria	56,762	20	-	64,812	32	0.0	67,454	25	-
6. Toxoplasma antibodies*	2,641	252	9.5	2,681	154	5.7	2,641	158	6.0
<b>(II) Virology</b>									
Hepatitis A	559	3	0.5	601	7	1.2	458	1	0.2
Hepatitis B (HBs Ag)	60,695	264	0.4	60,835	276	0.5	51,426	290	0.6
Hepatitis C	58,951	1,901	3.2	60,742	1,833	3.0	38,756	1,279	3.3
Cytomegalovirus	2,359	157	6.7	3,196	55	1.7	2,274	28	1.2
Leptospirosis	784	30	3.8	600	39	6.5	707	28	4.0
Chikungunya	6,170	-	-	2,460	-	-	3,352	7	0.2
Syphilis (VDRL)	69,481	866	1.2	70,435	686	1.0	56,478	1,087	1.9
Human immuno-deficiency virus (HIV)	81,025	686	0.8	81,626	585	0.7	82,028	847	1.0
<b>B. Non-Communicable Disease</b>									
<b>Cancer-related tests</b>									
On histological examinations (tissue)	10,960	1,743	15.9	10,994	1,797	16.3	11,224	1,809	16.1
On cytological examinations (smears)	16,393	560	3.4	9,757	594	6.1	11,366	529	4.7
On haematological examinations (Bone marrow)	474	95	20.0	173	38	22.0	422	84	19.9

\* IgM antibodies only

STATISTICS RELATING TO THE FIELDS OF BASIC SANITATION AND FOOD HYGIENE ( 2012- 2016)

ACTIVITIES	2012	2013	2014	2015	2016
<b>BASIC SANITATION</b>					
No. of premises and other sites inspected	96,208	105,210	90,536	80,068	69,113
No. of notices issued	6,185	4,734	3,947	3,860	3,939
No. of sanitary contraventions	109	68	63	57	59
No. of cases sentenced	111	74	58	38	44
<b>FOOD HYGIENE</b>					
No. of inspections carried out	34,471	31,012	19,213	20,388	20,906
Foodstuffs unfit for consumption seized and destroyed (kg)	381,807	312,247	813,235	2,005,931	564,029
No. of contraventions	973	689	395	285	434
No. of cases sentenced	814	719	412	391	365
No of imported food containers examined	14,026	15,480	16,236	16,533	17,480
<b>INSPECTION OF PUBLIC PLACES</b>					
Cinema halls & other entertainment places	1,202	728	581	667	762
Dormitories ( including Boarding Houses)	2,578	1,404	980	1,220	1,335
Industrial establishments	855	494	280	502	313
Schools	6,067	3,401	3,173	1,580	3,293
<b>AIRPORT</b>					
No. of planes disinfected on arrival	47	40	47	92	50
No. of planes disinfected before departure	1,028	1,027	1,152	1,279	1,475
No. of passengers put under malaria surveillance	289,599	346,244	264,978	329,444	340,976
No. of passengers put under chikungunya surveillance	429,866	378,160	263,425	295,909	351,302
No. of passengers put under dengue surveillance	147,262	195,138	313,994	365,967	373,889
<b>SEAPORT</b>					
No. of ships given pratique	2,969	3,177	2,789	2,622	2,872
No. of ships visited for malaria surveillance	455	625	528	778	1,037
No. of ships inspected for issue of deratting exemption certificate	257	251	171	267	331
No. of deratting of ships performed	124	104	122	117	81

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

\* including SARS and Avian Flu

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

Product	2012	2013	2014	2015	2016
Cigarettes (No of sticks)	1,000,560,000	978,520,000	995,540,000	986,480,000	857,960,000

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

Product	2012	2013	2014	2015	2016
Beer	36,395,782	35,502,683	34,538,749	35,925,183	36,669,815
Fruit Wine	4,356,091	4,668,462	4,632,119	4,508,690	4,386,189
Spirits (including imported Rum, Whiskey Liquor and Compounded Spirits)	12,597,301	12,184,676	11,912,513	12,298,449	12,326,840
<b>Total alcoholic products (litre)</b>	<b>53,349,174</b>	<b>52,355,821</b>	<b>51,083,381</b>	<b>52,732,322</b>	<b>53,382,844</b>

\* Source: Mauritius Revenue Authority

**ACTIVITIES OF THE COMMUNITY BASED REHABILITATION® PROGRAMME 2012- 2016**

ACTIVITY	YEAR				
	2012	2013	2014	2015	2016
<b>SUMMARY FIGURES</b>					
Number of disabled as at end-of-year	10,968	11,213	11,105	11,228	11,242
New cases of disabled registered during year	1,030	858	906	1,068	840
Number of visits to disabled	47,516	49,486	45,533	46,413	45,834
Number of referrals of disabled	7,280	6,516	6,618	6,726	6,703
Number of appliances delivered to disabled	1,575	1,452	1,574	1,432	1,258
Number of visits to institutions by staff	2,100	1,871	1,833	1,711	1,509
<b>DETAILS OF REFERRALS OF DISABLED</b>					
To social security offices	1,557	1,391	1,456	1,531	1,571
To hospitals	1,744	1,577	1,579	1,698	1,634
To health centres	2,371	2,188	2,184	2,243	2,177
To National Council for the Rehabilitation of the Disabled Persons (NCRD)	51	39	37	32	31
To orthopaedic workshop	697	564	625	589	570
To day care centres	316	260	185	238	192
To specialised schools	206	178	137	111	105
To Pre-Primary Schools	38	33	26	22	24
To Primary Schools	21	16	9	10	5
To other institutions	279	270	380	252	394
<b>DETAILS OF APPLIANCES DELIVERED TO DISABLED</b>					
Walking aids	598	615	635	653	471
Wheelchairs	448	413	506	451	410
Adapted appliances	213	169	200	161	207
Splints/calipers	134	108	76	41	40
Hearing aids	29	19	22	21	11
Artificial limbs	33	36	53	31	30
Other appliances*	120	92	82	74	89
<b>DETAILS OF VISITS TO INSTITUTIONS BY STAFF</b>					
Day care centres	413	405	409	409	345
Pre-primary schools	274	252	204	174	158
Specialised institutions	273	265	248	183	171
Primary schools	110	95	72	79	63
Social security offices	758	654	674	689	669
Other institutions	272	200	226	177	103

@ see page 53 for attendances at rehabilitation service departments

\* including walking sticks

**CASES REFERRED ABROAD BY GOVERNMENT HOSPITAL SERVICES**

TREATMENT	2012	2013	2014	2015	2016
Eye	54	45	55	49	12
Neurosurgical	37	48	65	60	46
Cardiac	50	39	44	39	8
Other*	88	92	83	94	51
<b>Total number of patients</b>	<b>229</b>	<b>224</b>	<b>247</b>	<b>242</b>	<b>117</b>

\* leukaemia, orthopaedics, ENT, Cancer etc

REPUBLIC OF MAURITIUS  
**NEW CASES OF CERTAIN NOTIFIABLE DISEASES\*\* REPORTED TO SANITARY AUTHORITIES 2001 – 2016**

DISEASE  YEAR	HIV / AIDS®		AMOEBIASIS	CHICKUNGUNYA	DENGUE	FOOD POISONING*	LEPROSY	LEPTOSPIROSIS	MALARIA			MEASLES\$	MENINGITIS#\$	DIPHTHERIA	TETANUS		TUBERCULOSIS**			TYPHOID	WHOOPIING COUGH (PERTUSIS)\$
	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 <sup>£</sup>	1
2015	262	7	1	-	91	82	2	30	-	32	-	-	1	-	-	-	105	23	1	1 <sup>£</sup>	-
2016	319	10	-	7&	24	147	1	17	-	25	-	-	1	-	-	-	100	18	4	2 <sup>£</sup>	-

## 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 and 36 in 2016 (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

REPUBLIC OF MAURITIUS

**DISTRIBUTION OF NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES BY MONTH - 2016**

DISEASE	HIV / AIDS®		FOOD POISONING	GONORRHOEA#	DENGUE LOCALLY TRANSMITTED AND IMPORTED	LEPTOSPIROSIS	MALARIA	SYPHILIS#	TUBERCULOSIS *		FILARIASIS
	MAURITIAN	NON-MAURITIAN					IMPORTED		PULMONARY	OTHER	
MONTH											
JANUARY	23	-	9	8	1	-	4	10	8	-	2
FEBRUARY	21	1	5	8	2	2	-	9	11	-	6
MARCH	26	-	11	6	4	2	1	3	8	-	11
APRIL	24	-	3	4	2	2	-	5	7	-	-
MAY	27	1	3	7	-	2	1	16	14	-	8
JUNE	27	1	3	7	-	4	1	25	9	-	9
JULY	24	1	6	11	-	5	3	23	8	-	3
AUGUST	27	-	6	4	4	-	4	10	8	-	8
SEPTEMBER	31	1	9	6	4	-	6	9	12	-	22
OCTOBER	43	3	11	5	5	-	1	13	11	-	15
NOVEMBER	28	2	33	12	-	-	2	17	11	1	8
DECEMBER	18	-	48	8	2	-	2	13	11	3	19
<b>TOTAL</b>	<b>319</b>	<b>10</b>	<b>147</b>	<b>86</b>	<b>24</b>	<b>17</b>	<b>25</b>	<b>153</b>	<b>118</b>	<b>4</b>	<b>111</b>

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

# 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 - 2016

DISEASE	HIV / AIDS® (MAURITIAN)	FOOD POISONING	GONORRHOEA	DENGUE		LEPTOSPIROSIS	MALARIA	SYPHILIS	TUBERCULOSIS PULMONARY		TYPHOID FEVER <sup>+</sup>
				LOCALLY TRANSMITTED	IMPORTED		IMPORTED		MAURITIAN	NON MAURITIAN	
DISTRICT											
PORT LOUIS	118	72	9	-	2	-	5	65	31	2	1
PAMPLEMOUSSES	46	-	12	6	4	4	2	24	11	2	-
RIVIERE DU REMPART	25	-	3	-	1	-	-	3	4	2	-
FLACQ	21	6	5	-	3	1	-	8	12	1	-
GRAND PORT	13	1	5	-	1	4	4	2	1	2	-
SAVANNE	13	-	3	-	-	3	-	2	4	-	-
PLAINES WILHEMS	52	13	43	-	7	3	9	38	25	6	1
MOKA	1	10	1	-	-	1	1	3	5	2	-
BLACK RIVER	23	9	5	-	-	1	4	8	7	1	-
RODRIGUES	7	36 *	19	-	-	-	-	55	-	-	-
<b>TOTAL</b>	<b>319</b>	<b>147</b>	<b>105</b>	<b>6</b>	<b>18</b>	<b>17</b>	<b>25</b>	<b>208</b>	<b>100</b>	<b>18</b>	<b>2</b>

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

\* mostly fish poisoning

# - includes 10 cases of unknown address

+ all imported cases



REPUBLIC OF MAURITIUS

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

**BY AGE-GROUP AND SEX - 2016**

DISEASE & SEX AGE-GROUP (YEARS)	HIV / AIDS®		FOOD POISONING		GONORRHOEA#		MALARIA (IMPORTED)		SYPHILIS#		PULMONARY TUBERCULOSIS MAURITIAN/NON- MAURITIAN	
	MAURITIAN											
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Less than 1 0	2	2	7	10	-	-	-	-	1	-	-	-
10 - 19	6	19	13	14	10	1	-	1	15	18	1	5
20 - 29	54	41	9	31	36	7	6	-	46	26	12	10
30 - 39	49	35	13	15	22	2	3	-	16	16	20	8
40 - 49	46	19	10	8	4	1	10	-	7	2	16	5
50 - 59	26	10	1	5	2	-	4	-	3	1	15	6
60 & over	7	3	3	8	1	-	-	1	2	-	15	5
TOTAL	190	129	56	91	75	11	23	2	90	63	79	39

@ 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\* 2009-2016**

YEAR	2009	2010	2011	2012	2013	2014	2015	2016
Number of AFP reported cases	1	5	2	6	5	6	6	7
Rate per 100,000 population <15 years	0.4	1.7	0.7	2.3	1.9	2.4	2.4	2.9

\* Republic of Mauritius

**DISEASE SURVEILLANCE AT HOSPITAL LEVEL # - 2016**

DISEASE	Gastro-enteritis	Upper respiratory tract infection <sup>1</sup>	Conjunctivitis <sup>2</sup>	Fever
MONTH				
January	2,552	17,854	2,473	3,814
February	2,754	23,796	2,274	4,917
March	2,831	25,082	2,379	4,356
April	2,214	15,935	1,795	2,659
May	2,707	20,794	1,966	3,091
June	2,782	24,000	1,777	2,849
July	2,628	26,103	2,025	3,357
August	3,061	23,945	2,164	2,983
September	3,608	30,407	2,219	3,204
October	3,905	22,347	2,196	2,457
November	3,271	13,563	1,899	1,760
December	2,852	9,468	1,656	1,565
<b>Year</b>	<b>35,165</b>	<b>253,294</b>	<b>24,823</b>	<b>37,012</b>

# General Hospitals (including Long Mouta @ including Rodrigues

1. including ENT Hospital

2. including Moka (Eye) Hospital

**NEW CASES ATTENDING AREA AND COMMUNITY HEALTH CENTRES - 2016**

DISEASE	Gastro-enteritis	Upper respiratory tract infection*	Conjunctivitis	Scabies
MONTH				
January	5,860	28,842	3,651	413
February	5,893	38,247	3,984	312
March	6,052	39,353	3,839	368
April	5,577	29,573	3,941	399
May	6,132	40,966	3,978	398
June	5,910	44,994	3,459	378
July	5,084	45,356	2,709	253
August	5,674	41,353	3,424	299
September	6,625	51,746	3,459	360
October	6,237	36,902	3,539	320
November	5,538	24,569	3,201	311
December	5,510	18,610	3,148	325
<b>Year</b>	<b>70,092</b>	<b>440,511</b>	<b>42,332</b>	<b>4,136</b>

\* Source: Health Records Division

## STATISTICS RELATING TO NOTIFICATION OF HIV / AIDS CASES AND DEATHS 1987 – 2016

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	117
TOTAL	5,061	1,610	6,671	184	67	251	5,245	1,677	6,922	1,023	187	1,210	

## Since 2005 information obtained from the Civil Status Office are used to update figures related to death

\*\* ICD-10

## STATISTICS RELATING TO HIV TESTS CARRIED OUT AT VIROLOGY LAB 2016

CATEGORY	Number of tests	Positive cases	
		Number	Rate per 100 tests
Blood donors - Island of Mauritius	43,680	12	0.03
Blood donors - Island of Rodrigues	1,440	-	-
Immigrant workers /Expatriates	5,173	9	0.17
Request for visa purposes (outgoing Mauritians)	45	-	-
Cardiac and renal patients	5,556	1	0.02
Screening on target groups	5,651	68	1.20
Antenatal cases screened - Island of Mauritius	11,355	51	0.45
Antenatal cases screened - Island of Rodrigues	1,165	3	0.26
Persons of high risk groups*	11,039	158	1.43
Others#	327	27	8.26
<b>TOTAL TESTS</b>	<b>85,431</b>	<b>329</b>	<b>0.39</b>

\* Commercial Sex workers, Injecting drug users, Homo/bisexual, patients/contact tracing, S.H.C. and Syphilis positive patients

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

## ISLAND OF MAURITIUS

**SELECTED STATISTICS ON PRIVATE HEALTH INSTITUTIONS \* 2002 – 2016**

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
2002	12	585	2,620	6.9	11	2,631	40.6	13.6
2003	12	539	2,533	6.8	15	2,548	42.1	13.6
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

@ registered live births and stillbirths

\* with in-patient medical treatment services

**ADMISSIONS AND OTHER ATTENDANCES AT PRIVATE HEALTH INSTITUTIONS \* - 2016**

Period	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Whole Year
Number	63,033	55,686	59,608	55,639	233,966

**TOTAL BIRTHS BY TYPE OF DELIVERY<sup>\$</sup> IN PRIVATE HEALTH INSTITUTIONS \*- 2016**

TYPE OF DELIVERY	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Whole Year
Normal <sup>#</sup>	291	343	302	311	<b>1,247</b>
Caesarian	513	519	523	530	<b>2,085</b>
Instrumental	81	85	50	58	<b>274</b>
<b>Total</b>	<b>885</b>	<b>947</b>	<b>875</b>	<b>899</b>	<b>3,606</b>

\*with medical treatment services

<sup>\$</sup> based on data received from 17 private health institutions and adjusted for under reporting<sup>#</sup> including 145 by ventouse reported by one institution (124 in 2015)

**DISTRIBUTION OF CASES TREATED AT PRIVATE HEALTH INSTITUTIONS \* BY CAUSE AND SEX - YEAR 2016**

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	1,644	1,882	3,526
	Septicaemia and other infectious and parasitic diseases	228	262	490
II	Malignant Neoplasms (Cancer, Hodgkin's, lymphoma, leukemia etc.)	734	1162	1,896
	Benign and other Neoplasms (Fibroid of uterus, carcinoma in situ, brain tumor etc.)	126	294	420
III	Anemias	223	434	657
	Coagulation defects and other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	133	68	201
IV	Diabetes Mellitus and related complications (coma, cataract, gangrene, renal, etc.)	796	723	1,519
	Disorders of thyroid & other endocrine, nutritional and metabolic diseases	153	222	375
V	Alcoholism	144	52	196
	Depression and other mental and behavioural disorders	190	234	424
VI	Epilepsy and other diseases of the nervous system	239	259	498
VII	Diseases of the eye & adnexa	8830	8963	17,793
VIII	Diseases of the ear & mastoid process	457	537	994
IX	Hypertension and related complications (renal, heart etc.)	842	764	1,606
	Myocardial, Ischaemic and other heart disease	1,393	712	2,105
	Stroke and other cerebrovascular diseases	364	274	638
	Varicose veins and haemorrhoids	378	380	758
	Hypotension and other diseases of the circulatory system	243	327	570
X	Influenza and pneumonia	720	728	1,448
	Bronchitis & bronchiolitis	987	1005	1,992
	Sinusitis & rhinitis	621	658	1,279
	Asthma	240	312	552
	Emphysema and other diseases of the respiratory system	522	516	1,038
XI	Gastritis & duodenal ulcer	446	517	963
	Appendicitis and hernia	473	283	756
	Pancreas and liver diseases	206	126	332
	Calculus (stone) of gallbladder and bile duct	264	232	496
	Gastritis and other diseases of the digestive system	1,517	1,531	3,048
XII	Lupus erythematosus and other diseases of the skin and subcutaneous tissue	453	331	784
XIII	Rheumatism and other diseases of the musculoskeletal system and connective tissue	1,165	1,054	2,219
XIV	Diseases of the genital organs, including breast and menstrual disorders	525	1622	2,147
	Renal failure	224	164	388
	Cystitis and other diseases of the genitourinary system	772	601	1,373
XV	Complications following spontaneous and other abortions	-	487	487
	Deliveries and other conditions associated with pregnancy, childbirth and the puerperium	-	1884	1,884
XVI	Certain conditions originating in the perinatal period (newborns)	86	119	205
XVII	Congenital malformations, deformations and chromosomal abnormalities	41	34	75
XVIII	Fever, headache, pain all over, malaise and fatigue, senility, syncope and collapse	1,365	1,636	3,001
	All other symptoms, signs and ill-defined conditions	752	759	1,511
XIX & XX	Fractures and other injuries	960	687	1,647
	Adverse effects & other poisonings	173	317	490
XXI	Attendances/admissions for observations, examinations or investigations only	41,551	35,773	77,324
	<b>Sub-Total</b>	<b>71,180</b>	<b>68,925</b>	<b>140,105</b>
	Not classified by cause	45,373	48,488	93,861
	<b>GRAND TOTAL</b>	<b>116,553</b>	<b>117,413</b>	<b>233,966</b>

\* Clinic/hospital with medical treatment services

# based on data with details on diseases received from 17 institutions and adjusted for under/over reporting

ISLAND OF MAURITIUS  
**SURGICAL OPERATIONS AND PROCEDURES**  
**PERFORMED AT PRIVATE HEALTH INSTITUTIONS\* - 2016**

Body Site/Type of intervention		MALE	FEMALE	BOTH SEXES	
				NUMBER	%
1.	Brain, spinal and other nervous system	38	30	68	0.4
2.	Thyroid, adrenal and other endocrine system	54	67	121	0.6
3.	Eye and adnexa	1,266	1,333	2,599	13.9
4.	Ear and mastoid process	56	70	126	0.7
5.	Nose, mouth and pharynx	527	646	1,173	6.3
6.	Lung, diaphragm and other respiratory system	49	55	104	0.6
7.	Heart, arteries, veins and other cardiovascular system	129	126	255	1.4
8.	Bone marrow, lymph nodes, spleen and other blood and blood forming organs	37	17	54	0.3
9.	Stomach, duodenal, appendix, gallbladder and other digestive system (incl. proctological)	2,010	2,028	4,038	21.6
10.	Kidney, ureter, bladder and other urinary system	639	271	910	4.9
11.	Prostate, testis, penis and other male genital organs	167	-	167	0.9
12.	Ovary, uterus, vagina and other gynaecological procedures	-	2,434	2,434	13.0
13.	Antepartum, labour, delivery and postpartum procedures	-	1,047	1,047	5.6
14.	Neck, spine, pelvis, limbs and other musculoskeletal system	845	747	1,592	8.5
15.	Dermatological and plastic procedures (skin, soft tissue)	949	827	1,776	9.5
16.	Breast	29	476	505	2.7
17.	Diagnostic, therapeutic, client support and other non-invasive and cognitive interventions	848	891	1,739	9.3
<b>TOTAL (classified interventions)</b>		<b>7,643</b>	<b>11,065</b>	<b>18,708</b>	<b>100.0</b>
18.	Interventions not classified by body site/type	3,257	3,041	6,298	
<b>TOTAL (interventions)</b>		<b>10,900</b>	<b>14,106</b>	<b>25,006</b>	

\* with medical treatment services

**CERTAIN PRINCIPAL CAUSES OF GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS)  
BY SEX - 2016**

CAUSE (I.C.D - 10)		MALE		FEMALE		TOTAL	
		No.	%	No.	%	No.	%
1	Deliveries (including by caesarian etc)		0.0	8,422	9.1	8,422	4.9
2	Diarrhoea and gastroenteritis of presumed infectious origin	2,315	2.9	3,111	3.4	5,426	3.2
3	Acute Upper Respiratory infections	3,121	4.0	3,305	3.6	6,426	3.8
4	Diabetes mellitus	2,647	3.4	2,424	2.6	5,071	3.0
5	Acute myocardial infarction and other ischaemic heart	2,806	3.6	1,458	1.6	4,264	2.5
6	Gastritis and duodenitis	2,443	3.1	2,349	2.5	4,792	2.8
7	Abdominal and pelvic pain	1,537	2.0	2,046	2.2	3,583	2.1
8	Fractures	2,536	3.2	1,392	1.5	3,928	2.3
9	Hypertensive disease	1,705	2.2	2,448	2.6	4,153	2.4
10	Infections of the skin and subcutaneous tissue	2,275	2.9	1,411	1.5	3,686	2.2
11	Dorsopathies	1,610	2.1	1,346	1.5	2,956	1.7
12	Cerebrovascular disease	1,827	2.3	1,433	1.5	3,260	1.9
13	Anaemias	827	1.1	1,859	2.0	2,686	1.6
14	Mental and behavioural disorders due to use of alcohol	2,158	2.7	217	0.2	2,375	1.4
15	Non-inflammatory disorders of female genital tract		0.0	2,415	2.6	2,415	1.4
16	Asthma	835	1.1	1,246	1.3	2,081	1.2
17	Poisonings and toxic effects of drugs and other substances	1,102	1.4	1,086	1.2	2,188	1.3
18	Malaise and fatigue	889	1.1	1,284	1.4	2,173	1.3
19	Dyspnoea and other abnormalities of breathing	859	1.1	889	1.0	1,748	1.0
20	Pain in throat and chest	1,123	1.4	616	0.7	1,739	1.0
21	Epilepsy	987	1.3	693	0.7	1,680	1.0
22	Fever of unknown origin	620	0.8	593	0.6	1,213	0.7
23	Calculus of kidney and ureter	1,010	1.3	433	0.5	1,443	0.8
24	Convulsions, elsewhere classified (excluding newborns)	989	1.3	652	0.7	1,641	1.0
25	Nausea and vomiting	493	0.6	647	0.7	1,140	0.7
26	Diseases of male genital organs	1,337	1.7		0.0	1,337	0.8
27	Complications following spontaneous and other abortions		0.0	1,125	1.2	1,125	0.7
28	Varicose veins of lower extremities	398	0.5	721	0.8	1,119	0.7
29	Disorders of breast	57	0.1	1,247	1.3	1,304	0.8
30	Bronchitis, emphysema and other chronic obstructive pulmonary diseases	892	1.1	758	0.8	1,650	1.0
31	Gastrointestinal haemorrhage, unspecified	850	1.1	421	0.5	1,271	0.7
32	Disorders of menstruation		0.0	1,039	1.1	1,039	0.6
33	Renal colic	738	0.9	341	0.4	1,079	0.6
34	Heart Failures	488	0.6	546	0.6	1,034	0.6
35	Benign neoplasm of uterus		0.0	757	0.8	757	0.4
36	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium		0.0	820	0.9	820	0.5
37	Pneumonia	436	0.6	385	0.4	821	0.5
38	Renal failures	286	0.4	199	0.2	485	0.3
	All other causes	36,333	46.3	40,565	43.8	76,898	44.9
TOTAL		78,529	100.0	92,699	100.0	171,228	100.0

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

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

74  
ISLAND OF MAURITIUS  
**GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS)**  
**BY I.C.D - 10 CHAPTER AND SEX - 2016**

CAUSE ( ICD - 10 )	DISCHARGES *					
	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
1. Certain infectious & parasitic diseases	2,788	3.6	3,518	3.8	6,306	3.7
2. Neoplasms	2,478	3.2	4,144	4.5	6,622	3.9
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	1,502	1.9	2,059	2.2	3,561	2.1
4. Endocrine, nutritional & metabolic diseases	4,084	5.2	4,308	4.6	8,392	4.9
5. Mental & behavioural disorders	3,224	4.1	1,090	1.2	4,314	2.5
6. Diseases of the nervous system	1,996	2.5	1,666	1.8	3,662	2.1
7. Diseases of the eye & adnexa	675	0.9	872	0.9	1,547	0.9
8. Diseases of the ear & mastoid process	76	0.1	114	0.1	190	0.1
9. Diseases of the circulatory system	8,975	11.4	8,390	9.1	17,365	10.1
10. Diseases of the respiratory system	8,251	10.5	8,857	9.6	17,108	10.0
11. Diseases of the digestive system	7,870	10.0	5,527	6.0	13,397	7.8
12. Diseases of the skin & subcutaneous tissue	3,404	4.3	2,492	2.7	5,896	3.4
13. Diseases of the musculoskeletal system & connective tissue	2,996	3.8	3,027	3.3	6,023	3.5
14. Diseases of the genitourinary system	4,908	6.2	7,551	8.1	12,459	7.3
15. Pregnancy, childbirth & the puerperium	-	0.0	18,058	19.5	18,058	10.5
16. Certain conditions originating in the perinatal period	1,283	1.6	1,311	1.4	2,594	1.5
17. Congenital malformations, deformations & chromosomal abnormalities	308	0.4	193	0.2	501	0.3
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	10,785	13.7	10,891	11.7	21,676	12.7
19 & 20. Injury, poisoning & certain other consequences of external causes	10,932	13.9	6,829	7.4	17,761	10.4
21. Factors influencing health status & contact with health services	1,994	2.5	1,802	1.9	3,796	2.2
<b>TOTAL</b>	<b>78,529</b>	<b>100.0</b>	<b>92,699</b>	<b>100.0</b>	<b>171,228</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 - 2016

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	152	496	327	169	560	535	549	136	453	303	284	547	664	1,131
2.	Neoplasms	2	112	288	92	247	751	986	20	130	98	175	503	1,803	1,415
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	45	45	340	181	151	363	377	9	49	193	190	388	636	594
4.	Endocrine, nutritional & metabolic diseases	9	5	12	26	327	1,668	2,037	5	8	25	59	264	1,260	2,687
5.	Mental & behavioural disorders	-	1	11	253	1,044	1,491	424	0	1	14	115	325	387	248
6.	Diseases of the nervous system	6	22	107	118	491	761	491	8	31	68	209	364	474	512
7.	Diseases of the eye & adnexa	6	2	2	5	16	164	480	6	9	2	2	12	175	666
8.	Diseases of the ear & mastoid process	1	8	3	2	9	24	29	2	7	4	5	16	30	50
9.	Diseases of the circulatory system	10	6	22	31	625	3,535	4,746	12	1	17	31	508	2,399	5,422
10.	Diseases of the respiratory system	666	1,374	949	348	1,065	1,374	2,475	550	1,083	724	442	1,008	1,477	3,573
11.	Diseases of the digestive system	44	82	244	235	1,759	3,144	2,362	36	74	191	387	1,087	1,524	2,228
12.	Diseases of the skin & subcutaneous tissue	35	37	103	243	809	1,284	893	27	39	73	198	514	844	797
13.	Diseases of the musculoskeletal system & connective tissue	4	25	73	107	754	1,393	640	6	21	48	146	544	1,213	1,049
14.	Diseases of the genitourinary system	20	108	220	154	961	1,936	1,509	10	32	98	565	2,320	3,067	1,459
15.	Pregnancy, childbirth & the puerperium	-	-	-	-	-	-	-	-	-	2	2,226	15,354	476	-
16.	Certain conditions originating in the perinatal period	1,283	-	-	-	-	-	-	1,311	-	-	-	-	-	-
17.	Congenital malformations, deformations & chromosomal abnormalities	88	79	94	30	12	3	2	61	41	53	19	12	6	1
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	251	498	636	545	1,828	3,371	3,656	225	440	609	1,045	2,096	2,400	4,076
19.& 20.	Injury, poisoning & certain other consequences of external causes	77	352	754	875	3,527	3,470	1,877	64	294	464	737	1,544	1,456	2,270
21.	Factors influencing health status & contact with health services	189	21	64	91	310	719	600	193	28	52	117	517	504	391
	<b>Total</b>	<b>2,888</b>	<b>3,273</b>	<b>4,249</b>	<b>3,505</b>	<b>14,495</b>	<b>25,986</b>	<b>24,133</b>	<b>2,681</b>	<b>2,741</b>	<b>3,038</b>	<b>6,952</b>	<b>27,923</b>	<b>20,795</b>	<b>28,569</b>

**CERTAIN PRINCIPAL CAUSES OF GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) - 2016**

CAUSE ( I.C.D - 10 )		NUMBER OF DISCHARGES			
		MALE	FEMALE	TOTAL	
				No.	%
1.	Acute Upper Respiratory infections	321	284	605	10.9
2.	Acute bronchitis and bronchiolitis	312	242	554	9.9
3.	Slow fetal growth, fetal malnutrition and disorders related to short gestation and low birthweight	267	302	569	10.2
4.	Newborn affected by maternal factors and by complications of pregnancy, labour and delivery	259	264	523	9.4
5.	Diarrhoea and gastro-enteritis of presumed infectious origin	139	126	265	4.8
6.	Nausea and vomiting , including newborns	80	80	160	2.9
7.	Septicaemia and infections specific to the perinatal period	90	86	176	3.2
8.	Fever of unknown origin	78	76	154	2.8
9.	Diseases of the Digestive System	44	36	80	1.4
10.	Abdominal and pelvic pain	20	38	58	1.0
11.	Intrauterine hypoxia and birth asphyxia	33	28	61	1.1
12.	Convulsions, including newborns	24	20	44	0.8
13.	Infections of the skin and subcutaneous tissue	25	20	45	0.8
14.	Cough	26	12	38	0.7
15.	Congenital deformities of feet	17	11	28	0.5
16.	Pneumonia, including newborns	17	11	28	0.5
17.	Diseases of the Genito-urinary System	20	10	30	0.5
18.	Diseases of the Nervous System	6	8	14	0.3
19.	Congenital malformations of the circulatory system	11	4	15	0.3
20.	Dyspnoea and other abnormalities of breathing	20	15	35	0.6
21.	Respiratory distress of newborn	26	11	37	0.7
22.	Neonatal aspiration syndromes	16	8	24	0.4
23.	Anaemias, including newborns	16	11	27	0.5
24.	Cleft lip and cleft palate	9	8	17	0.3
25.	Diseases of the musculoskeletal system and connective tissue	4	6	10	0.2
26.	Fractures	8	5	13	0.2
27.	Asthma	4	4	8	0.1
	All other causes	996	955	1,951	35.0
TOTAL		2,888	2,681	5,569	100.0

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

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

77  
ISLAND OF MAURITIUS  
**NEOPLASMS**

**GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) BY TYPE AND SEX - 2016**

TYPE OF NEOPLASM (I.C.D - 10)	NUMBER OF DISCHARGES		
	MALE	FEMALE	TOTAL
Malignant neoplasm of lip, oral cavity and pharynx	143	74	217
Malignant neoplasm of oesophagus	34	26	60
Malignant neoplasm of stomach	83	89	172
Malignant neoplasm of colon	110	143	253
Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal	136	82	218
Malignant neoplasm of liver and intrahepatic bile ducts	31	26	57
Malignant neoplasm of pancreas	30	41	71
Other malignant neoplasm of digestive organs	13	51	64
Malignant neoplasm of larynx	41	3	44
Malignant neoplasm of trachea, bronchus and lung	205	68	273
Other malignant neoplasm of respiratory and intrathoracic organs	11	13	24
Malignant neoplasm of bone and articular cartilage	34	49	83
Malignant neoplasm of skin, including melanoma	17	17	34
Malignant neoplasm of mesothelial and soft tissue	55	45	100
Malignant neoplasm of breast	5	838	843
Malignant neoplasm of cervix uteri		219	219
Malignant neoplasm of other and unspecified parts of the uterus		162	162
Other Malignant neoplasms of female genital organs		263	263
Malignant neoplasm of prostate	136		136
Other malignant neoplasm of male genital organs	54		54
Malignant neoplasm of bladder	102	33	135
Other malignant neoplasm of urinary tract	50	16	66
Malignant neoplasm of eye and adnexa	-	11	11
Malignant neoplasm of central nervous system, including brain	23	25	48
Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites	144	191	335
Hodgkin's disease	31	29	60
Non-Hodgkin's lymphoma	140	81	221
Leukaemia	275	253	528
Other malignant neoplasms of lymphoid, haematopoietic and related tissue	33	37	70
Carcinoma in situ of cervix uteri		7	7
Benign neoplasm of skin	18	22	40
Benign neoplasm of breast	2	37	39
Leiomyoma of uterus		755	755
Benign neoplasm of ovary		7	7
Benign neoplasm of urinary organs	3	1	4
Benign neoplasm of brain and other parts of central nervous system	18	14	32
Other in situ and benign neoplasms and neoplasms of uncertain and unknown behaviour	501	416	917
TOTAL	2,478	4,144	6,622

## ISLAND OF MAURITIUS

**GENERAL HOSPITALS DISCHARGES (INCLUDING DEATHS) DUE TO DISEASES OF THE CIRCULATORY SYSTEM  
BY AGE-GROUP AND SEX - 2016**

CAUSES (I.C.D. 10)	MALES					FEMALES					TOTAL					
	Under 30 years	30-44 years	45-59 years	60-74 years	75+ years	Under 30 years	30-44 years	45-59 years	60-74 years	75+ years	Under 30 years	30-44 years	45-59 years	60-74 years	75+ years	ALL AGES
Acute rheumatic fever	-	-	-	-	-	2	-	1	-	2	2	0	1	0	2	<b>5</b>
Chronic rheumatic heart disease	-	1	2	2	-	-	-	4	5	2	0	1	6	7	2	<b>16</b>
Hypertensive diseases	44	192	595	643	231	29	217	673	931	598	73	409	1,268	1,574	829	<b>4,153</b>
Acute Myocardial Infarction	6	121	453	372	94	-	13	72	206	125	6	134	525	578	219	<b>1,462</b>
Other Ischaemic Heart diseases	8	159	696	666	217	4	50	228	471	266	12	209	924	1,137	483	<b>2,765</b>
Pulmonary embolism	-	4	8	2	-	1	4	9	7	2	1	8	17	9	2	<b>37</b>
Conduction disorders and cardiac arrhythmias	24	62	218	393	255	16	23	162	442	423	40	85	380	835	678	<b>2,018</b>
Heart failure	2	18	120	224	124	2	16	66	200	262	4	34	186	424	386	<b>1,034</b>
Other heart diseases	18	23	74	78	44	19	27	54	59	42	37	50	128	137	86	<b>438</b>
Cerebrovascular diseases (strokes)	3	128	591	742	363	14	76	308	529	507	17	204	899	1,271	870	<b>3,261</b>
Diseases of arteries, arterioles and capillaries	3	13	38	34	19	4	5	15	15	13	7	18	53	49	32	<b>159</b>
Phlebitis, thrombophlebitis, venous embolism and thrombosis	9	23	43	29	3	7	26	45	27	14	16	49	88	56	17	<b>226</b>
Varicose veins of lower extremities	24	85	172	100	17	19	177	345	153	27	43	262	517	253	44	<b>1,119</b>
Haemorrhoids	24	48	58	31	7	32	63	50	19	4	56	111	108	50	11	<b>336</b>
Other Diseases of circulatory system	47	27	45	39	17	39	20	31	43	28	86	47	76	82	45	<b>336</b>
<b>T O T A L (Circulatory system)</b>	<b>212</b>	<b>904</b>	<b>3,113</b>	<b>3,355</b>	<b>1,391</b>	<b>188</b>	<b>717</b>	<b>2,063</b>	<b>3,107</b>	<b>2,315</b>	<b>400</b>	<b>1,621</b>	<b>5,176</b>	<b>6,462</b>	<b>3,706</b>	<b>17,365</b>

ISLAND OF MAURITIUS  
**INJURY AND POISONING**  
**DISCHARGES FROM GENERAL HOSPITAL (including deaths)**  
**BY EXTERNAL CAUSE AND SEX - 2016**

CAUSE (I.C.D.- 10 )	DISCHARGES		
	MALE	FEMALE	TOTAL No.
Transport Accidents	1,673	386	2,059
Falls	4,003	2,900	6,903
Contact with sharp glass, knife and non-powered hand tool	198	63	261
Foreign body entering into or through eye or natural orifice	107	57	164
Exposure to other Inanimate Mechanical Forces	283	59	342
Exposure to Animate Mechanical Forces	67	72	139
Accidental Drowning and Submersion	23	18	41
Exposure to Electric Current	33	10	43
Exposure to Smoke, Fire and Flames	105	56	161
Contact With Heat and Hot Substances	98	93	191
Contact With Venomous Animals and Plants	124	34	158
Accidental Poisoning by & Exposure to Noxious Substances	779	843	1,622
Other & Unspecified accidents	1,149	507	1,656
Intentional Self-Poisoning by drugs	177	231	408
Intentional Self-Poisoning by Pesticides	55	23	78
Other Intentional Self-Harm	171	138	309
Assault	1,024	635	1,659
Poisoning of Undetermined Intent	98	69	167
Complications Of Medical and Surgical Care	765	635	1,400
Other and unspecified External Causes	-	-	-
TOTAL	10,932	6,829	17,761

## 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 - 2016  
(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)®	213,593	226,918	440,511	21.7
2	Cough, pain in throat, chest pain, wheezing, hiccough, sneezing	76,055	78,576	154,631	7.6
3	Fever / pain all over	55,431	56,801	112,232	5.5
4	Superficial injury, open wound, sprain/strain, fractures, burns and other injuries	55,274	44,218	99,492	4.9
5	Abdominal and epigastric pain	42,323	46,434	88,757	4.4
6	Gastritis and duodenitis	41,192	44,233	85,425	4.2
7	Influenza	37,844	39,823	77,667	3.8
8	Spondylosis, neck pain, low back pain, backache	34,421	36,561	70,982	3.5
9	Headache, dizziness, giddiness	32,877	37,374	70,251	3.5
10	Gastroenteritis and diarrhoea of presumed infectious origin	34,724	35,368	70,092	3.5
11	Rheumatism, muscular pain, myalgia, pain in limb	33,202	36,517	69,719	3.4
12	Sinusitis, rhinitis, nasal polyp, blocked nose	33,297	35,425	68,722	3.4
13	Dermatitis, eczema, itching, ingrowing nail, acne, vitiligo and other diseases of the skin and subcutaneous tissue	27,644	30,571	58,215	2.9
14	Nausea and vomiting	22,334	27,590	49,924	2.5
15	Bronchitis, emphysema, asthma	22,940	24,212	47,152	2.3
16	Malaise, fatigue, weakness, blackout, fainting and other symptoms and signs	20,471	24,696	45,167	2.2
17	Conjunctivitis	20,881	21,451	42,332	2.1
18	Gout, arthritis, pain in joint	18,720	19,507	38,227	1.9
19	Indigestion, constipation, irritable bowel syndrome, anal / rectal abscess	18,849	19,278	38,127	1.9
20	Otitis, wax in ear, earache and other diseases of the ear and mastoid process	17,284	17,318	34,602	1.7
21	Localised swelling, mass, lump of skin, rash	13,165	15,512	28,677	1.4
22	Skin abscess, boil, cellulitis, cyst, septic leg (non-diabetic)	13,258	13,066	26,324	1.3
23	Hypertension	10,271	10,792	21,063	1.0
24	Cystitis, urinary tract infection	7,307	12,019	19,326	1.0
25	Diabetes Mellitus	9,314	9,180	18,494	0.9
26	Swelling gum, gingivitis, dental caries, stomatitis, disease of lip	8,168	8,882	17,050	0.8
27	Diseases of the eye and adnexa (excluding conjunctivitis)	7,756	8,274	16,030	0.8
28	Helminthiasis (worms)	7,281	7,764	15,045	0.7
29	Migraine and other diseases of the nervous system	6,164	7,386	13,550	0.7
30	Haematuria, painful micturation, retention of urine	6,117	6,348	12,465	0.6
31	Vaginitis, bleeding PV, leukorrhoea, menstrual disorders		12,099	12,099	0.6
32	Varicose veins of lower extremities, haemorrhoids, oesophageal varices	5,208	6,283	11,491	0.6
33	Hypotension and other diseases of the circulatory system	4,073	5,109	9,182	0.5
34	Anemias	2,509	4,944	7,453	0.4
35	Alcoholism	4,129	1,799	5,928	0.3
36	Scabies	2,021	2,115	4,136	0.2
	All other causes	12,002	13,333	25,335	1.3
	<b>TOTAL</b>	<b>978,099</b>	<b>1,047,776</b>	<b>2,025,875</b>	<b>100.0</b>

Refer to page 54 for statistics on attendances by health centre

@ Source: Health Records Division

\* based on the Monthly Returns of Sick Treated received

**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 - 2016**

CHAPTER (I.C.D. 10)		FIRST ATTENDANCES *			
		MALE	FEMALE	TOTAL	
				No.	%
1.	Certain infectious & parasitic diseases	44,621	46,034	90,655	4.5
2.	Neoplasms	96	143	239	0.0
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	3,318	5,680	8,998	0.4
4.	Endocrine, nutritional & metabolic diseases	10,589	10,625	21,214	1.0
5.	Mental & behavioural disorders	5,143	2,763	7,906	0.4
6.	Diseases of the nervous system	6,164	7,386	13,550	0.7
7.	Diseases of the eye & adnexa	28,637	29,725	58,362	2.9
8.	Diseases of the ear & mastoid process	17,284	17,318	34,602	1.7
9.	Diseases of the circulatory system	19,552	22,184	41,736	2.1
10.	Diseases of the respiratory system	308,894	327,747	636,641	31.4
11.	Diseases of the digestive system	69,224	73,382	142,606	7.0
12.	Diseases of the skin & subcutaneous tissue	40,902	43,637	84,539	4.2
13.	Diseases of the musculoskeletal system & connective tissue	89,389	95,216	184,605	9.1
14.	Diseases of the genitourinary system	7,883	24,755	32,638	1.6
15.	Pregnancy, childbirth & the puerperium		593	593	0.0
16.	Certain conditions originating in the perinatal period	411	471	882	0.0
17.	Congenital malformations, deformations & chromosomal abnormalities	895	1,403	2,298	0.1
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	268,773	293,331	562,104	27.7
19.	Injury, poisoning & certain other consequences of external causes	56,324	45,383	101,707	5.0
TOTAL		978,099	1,047,776	2,025,875	100.0

\* 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 - 2016

CAUSE (I.C.D. 10)	NUMBER OF CASES *				NUMBER OPERATED UPON		
	MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL
			No	%			
Chalazion	12	8	20	0.2	9	6	15
Other disorders of eyelid	56	48	104	1.2	29	29	58
Disorders of lacrimal system	10	49	59	0.7	6	29	35
Disorders of orbit	14	8	22	0.2	2	1	3
Disorders of conjunctiva	26	25	51	0.6	10	6	16
Keratitis	126	89	215	2.4	6	8	14
Other disorders of sclera and cornea	85	65	150	1.7	33	19	52
Iridocyclitis	53	49	102	1.1	11	5	16
Other disorders of iris and ciliary body	31	20	51	0.6	15	10	25
Cataract	2,563	3,209	5,772	64.9	2,526	3,158	5,684
Other disorders of lens	54	40	94	1.1	53	38	91
Disorders of choroid	1	7	8	0.1	-	-	0
Disorders of retina	164	125	289	3.2	141	104	245
Glaucoma	269	197	466	5.2	96	62	158
Disorders of vitreous body and globe	202	136	338	3.8	174	108	282
Disorders of optic nerve and visual pathways	21	17	38	0.4	1	1	2
Disorders of ocular muscles, binocular movement, accommodation and refraction	12	13	25	0.3	8	10	18
Visual disturbances and blindness	27	13	40	0.4	1	1	2
Ocular pain	13	12	25	0.3	2	3	5
Other diseases of eye and adnexa	9	4	13	0.1	1	1	2
Cancer and other neoplasms	1	4	5	0.1	1	3	4
Congenital diseases of eye	2	4	6	0.1	1	1	2
Other diseases	5	3	8	0.1	1	-	1
Burn and corrosion	-	-	-	0.0	-	-	-
Injuries and other consequences of external causes	579	238	817	9.2	241	79	320
Surgical follow up care, examination and other non-morbid factors	95	81	176	2.0	83	67	150
<b>TOTAL</b>	<b>4,430</b>	<b>4,464</b>	<b>8,894</b>	<b>100.0</b>	<b>3,451</b>	<b>3,749</b>	<b>7,200</b>

\* including number operated upon

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



**CASES TREATED AS IN-PATIENTS AT POUDRE D'OR (CHEST) HOSPITAL – 2016**

DISEASE (I.C.D. 10)	DEATHS			DISCHARGES* (INC. DEATHS)			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
						No.	%
Pulmonary tuberculosis	4	2	6	108	37	145	31.6
Pulmonary fibrosis	-	-	-	8	5	13	2.8
Other Respiratory tuberculosis	-	-	-	-	-	-	0.0
Tuberculosis of Bones and Joints	-	-	-	-	-	-	0.0
Other tuberculosis	-	-	-	-	-	-	0.0
Miliary tuberculosis	-	-	-	-	-	-	0.0
Cancer of bronchus & lung	5	1	6	14	6	20	4.4
Cancer of other respiratory and Intrathoracic organs	-	-	-	-	-	-	0.0
Pneumonia	-	-	-	8	3	11	2.4
Acute bronchitis	-	-	-	-	-	-	0.0
Chronic Bronchitis	-	-	-	-	-	-	0.0
Bronchitis not elsewhere specified	-	-	-	-	-	-	0.0
Emphysema	-	-	-	-	-	-	0.0
Asthma	-	2	2	10	26	36	7.8
Bronchiectasis	-	-	-	6	5	11	2.4
Alveolitis	-	-	-	-	-	-	0.0
Abscess of lung and mediastinum	-	-	-	5	1	6	1.3
Emphyema	-	-	-	1	-	1	0.2
Pleurisy without mention of tuberculosis	-	-	-	15	6	21	4.6
HIV with pulmonary tuberculosis	-	-	-	2	0	2	0.4
HIV with pneumonia	-	-	-	-	-	-	0.0
HIV with other respiratory infections	-	-	-	1	-	1	0.2
HIV with other infections or diseases	-	-	-	1	1	2	0.4
Other diseases of the respiratory system	8	-	8	114	66	180	39.2
Other diseases	-	-	-	4	6	10	2.2
<b>TOTAL</b>	<b>17</b>	<b>5</b>	<b>22</b>	<b>297</b>	<b>162</b>	<b>459</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 – 2016**

DISEASE	MALE	FEMALE	TOTAL	
			No.	%
Pulmonary tuberculosis	49	28	77	6.6
Pulmonary fibrosis	1	4	5	0.4
Other respiratory tuberculosis	-	-	-	0.0
Tuberculosis of bones and joints	-	-	-	0.0
Other tuberculosis	5	2	7	0.6
Miliary tuberculosis	-	-	-	0.0
Cancer of lung & bronchus	6	4	10	0.9
Cancer of other respiratory and intrathoracic organs	-	-	-	0.0
Pneumonias	13	7	20	1.7
Acute bronchitis	16	8	24	2.1
Chronic bronchitis	21	22	43	3.7
Bronchitis not otherwise specified	16	11	27	2.3
Emphysema	18	10	28	2.4
Asthma	187	206	393	33.7
Bronchiectasis	-	2	2	0.2
Abscess of lung and mediastinum	4	1	5	0.4
Emphyema	-	-	0	0.0
Pleurisy, without mention of tuberculosis	16	18	34	2.9
HIV with pulmonary tuberculosis	2	-	2	0.2
HIV with pneumonia	2	-	2	0.2
HIV with other respiratory infections	-	-	0	0.0
HIV with infections or diseases	-	-	0	0.0
Other diseases of the respiratory system	235	251	486	41.7
Other diseases	-	-	-	0.0
<b>Total cases diagnosed (First attendances)</b>	<b>591</b>	<b>574</b>	<b>1,165</b>	<b>100.0</b>
<b>SUBSEQUENT ATTENDANCES</b>	8,292	7,963	16,255	
<b>TOTAL</b>	<b>8,883</b>	<b>8,537</b>	<b>17,420</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 - 2016*

CAUSE (I.C.D. 10)	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Dementia	26	0.8	20	1.5	46	1.0
Epileptic Psychosis NOS	29	0.9	14	1.1	43	0.9
Unspecified mental disorders due to brain damage and dysfunction and to physical disease	5	0.1	1	0.1	6	0.1
Mental and behavioural disorders due to use of alcohol	1,615	48.0	185	14.0	1,800	38.5
Mental and behavioural disorders due to use of opioids/cannabinoids	70	2.1	4	0.3	74	1.6
Mental and behavioural disorders due to use and use of volatile solvents	5	0.1	-	0.0	5	0.1
Mental and behavioural disorders due to multiple drug use and use of other psychoactive substances	259	7.7	7	0.5	266	5.7
Schizophrenia	643	19.1	506	38.4	1,149	24.5
Delusional disorder	4	0.1	1	0.1	5	0.1
Acute psychotic episode	176	5.2	110	8.3	286	6.1
Schizoaffective psychosis NOS	-	0.0	-	0.0	0	0.0
Psychosis unspecified	34	1.0	24	1.8	58	1.2
Hypomania	4	0.1	9	0.7	13	0.3
Bipolar affective disorder	56	1.7	83	6.3	139	3.0
Depressive episode	145	4.3	200	15.2	345	7.4
Persistent mood disorders	-	0.0	-	0.0	0	0.0
Anxiety disorders	6	0.2	3	0.2	9	0.2
Obsessive compulsive disorder	-	0.0	4	0.3	4	0.1
Dissociative (conversion) disorders	1	0.0	-	0.0	1	0.0
Puerperal psychosis NOS	-	0.0	4	0.3	4	0.1
Mental retardation	85	2.5	42	3.2	127	2.7
Conduct disorders	114	3.4	60	4.5	174	3.7
Parkinsonism	2	0.1	-	0.0	2	0.0
Alzheimer	3	0.1	2	0.2	5	0.1
Degenerative disease of nervous system, unspecified	-	0.0	-	0.0	0	0.0
Grand mal seizures, unspecified (with or without petit mal)	4	0.1	2	0.2	6	0.1
Epilepsy, unspecified	14	0.4	9	0.7	23	0.5
Sleep disorders	1	0.0	1	0.1	2	0.0
Other mental & behavioural causes	16	0.5	6	0.5	22	0.5
Other causes	45	1.3	22	1.7	67	1.4
<b>TOTAL</b>	<b>3,362</b>	<b>100.0</b>	<b>1,319</b>	<b>100.0</b>	<b>4,681</b>	<b>100.0</b>

**QUARTERLY DISTRIBUTION OF NEW CASES DIAGNOSED AT OUT-PATIENT  
SPECIALIST CLINICS IN DERMATOLOGY - 2016**

DISEASE		FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	TOTAL	
						NUMBER	%
ACNE		180	226	276	200	882	5.4
BULLOUS DERMATOSIS	<i>Pemphigus</i>	3	1	3	5	12	0.1
	<i>Pemphigoid</i>	5	1	2	7	15	0.1
	<i>D. Herpetiformis</i>	1	1	2	5	9	0.1
CONGENITAL ANOMALIES OF THE TEGUMENT		3	34	30	52	119	0.7
CORN AND CALLOSITIES		135	118	159	132	544	3.4
DISEASES OF CONNECTIVE TISSUE	<i>Lupus Erythematosus</i>	9	2	2	3	16	0.1
	<i>Scleroderma</i>	1	16	19	14	50	0.3
	<i>Rheumatoid arthritis</i>	27	7	8	22	64	0.4
DISEASES OF NAIL AND HAIR		188	231	290	201	910	5.6
DISORDERS OF PIGMENTATION	<i>Vitiligo</i>	54	68	42	36	200	1.2
	<i>Melanosin of face</i>	22	60	63	83	228	1.4
	<i>Other</i>	17	38	27	48	130	0.8
DRUG INDUCED DERMATOSIS		50	42	63	63	218	1.3
ECZEMA	<i>Atopic dermatitis</i>	188	229	328	185	930	5.7
	<i>Contact dermatitis:</i>						
	industrial origin	98	89	193	119	499	3.1
	other origin	206	230	274	182	892	5.5
	<i>Stasis eczema</i>	82	122	112	108	424	2.6
LICHEN PLANUS		49	48	58	36	191	1.2
NEOPLASM OF SKIN	<i>Malignant</i>	0	9	20	14	43	0.3
	<i>Benign</i>	36	81	58	121	296	1.8
PHOTODERMATITIS		145	109	156	204	614	3.8
PSORIASIS AND SIMILAR DISORDERS		323	299	415	245	1,282	7.9
ROSACEA		35	75	51	69	230	1.4
SEBORRHEIC DERMATITIS		103	157	168	132	560	3.5
SKIN INFECTIONS	<i>Fungal</i>	445	444	505	345	1,739	10.7
	<i>Parasitic</i>	134	146	196	148	624	3.9
	<i>Pyococcal</i>	132	91	125	124	472	2.9
	<i>Viral</i>	275	312	342	167	1,096	6.8
ULCER OF LOWER LIMBS		36	38	63	55	192	1.2
URTICARIA		185	165	173	111	634	3.9
ALL OTHER DISEASES		656	511	510	411	2,088	12.9
TOTAL		3,823	4,000	4,733	3,647	16,203	100.0

**NEW CASES<sup>#</sup> DIAGNOSED AT OUT-PATIENT CLINICS SPECIALISED IN ENT IN 2016**

DISEASE		FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	T O T A L	
						NUMBER	%
<b>E A R</b>	Acute non-suppurative otitis media	57	48	57	63	225	2.4
	Acute suppurative otitis media	38	34	86	31	189	2.0
	Chronic tubotympanic suppurative otitis media	79	61	57	52	249	2.7
	Chronic atticoantral suppurative otitis media	39	79	57	26	201	2.2
	Unspecified chronic suppurative otitis media	18	33	48	31	130	1.4
	Otitis externa	60	84	126	131	401	4.3
	Impacted cerumen	46	33	46	63	188	2.0
	Tinnitus	143	144	199	181	667	7.2
	Conductive deafness	34	52	99	55	240	2.6
	Sensorineural deafness	143	111	157	150	561	6.1
	Eustachian tube disorders	38	60	59	39	196	2.1
	Foreign body in ear	59	25	42	50	176	1.9
	Ear injury	34	31	52	32	149	1.6
	All other diseases and conditions of ear	38	42	50	45	175	1.9
<b>N O S E</b>	Acute nasopharyngitis	35	27	55	69	186	2.0
	Sinusitis (acute) (chronic)	125	102	168	152	547	5.9
	Allergic rhinitis	212	259	317	296	1,084	11.7
	Epistaxis	80	87	86	97	350	3.8
	Nasal polyps	84	67	82	69	302	3.3
	Deflected nasal septum	42	54	65	63	224	2.4
	Foreign body in nose	18	25	21	15	79	0.9
	Fracture of nasal bone	77	61	71	63	272	2.9
	All other diseases and conditions of nose	35	36	36	40	147	1.6
<b>T H R O A T</b>	Acute tonsillitis	84	84	128	76	372	4.0
	Chronic tonsillitis	163	221	237	184	805	8.7
	Hypertrophy of tonsils and adenoids	69	60	48	40	217	2.3
	Pharyngitis (acute) (chronic) (granular)	59	51	120	58	288	3.1
	Laryngitis (acute) (chronic)	63	66	44	71	244	2.6
	Tongue tie	11	10	4	5	30	0.3
	Foreign body in throat	22	16	40	31	109	1.2
	All other diseases and conditions of throat	34	52	52	31	169	1.8
Other diseases and conditions (including neoplasm)		15	22	21	19	77	0.8
TOTAL		2,054	2,137	2,730	2,328	9,249	100.0

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

**CASES TREATED AS IN-PATIENTS AT E.N.T HOSPITAL<sup>#</sup> - 2016**

Causes (ICD-10)	Male	Female	Total	
			No.	%
Cancer and other neoplasm	52	22	74	1.5
Otitis externa and other disorders of external ears	39	33	72	1.5
Suppurative and unspecified otitis media	7	7	14	0.3
Hearing loss	50	34	84	1.7
Otalgia and effusion of ear	139	164	303	6.1
Other diseases of the ear and mastoid	27	27	54	1.1
Acute pharyngitis	345	388	733	14.8
Acute tonsillitis	734	804	1538	31.1
Sinusitis	53	46	99	2.0
Nasal polyp and other disorders of nose and nasal sinuses	108	68	176	3.6
Peritonsillar abscess	21	10	31	0.6
Other diseases of the respiratory system	21	20	41	0.8
Epistaxis (Haemorrhage from nose)	82	62	144	2.9
Dysphagia (Difficulty from swallowing)	82	63	145	2.9
Localised swelling mass and lump of skin and subcutaneous tissue mainly of head and neck	143	112	255	5.2
Diseases of oral cavity, salivary glands & jaws	105	135	240	4.8
Delayed Speech	17	7	24	0.5
Voices disturbances	73	23	96	1.9
Headache including facial pains	30	36	66	1.3
Foreign body in ear	43	28	71	1.4
Foreign body in nostril, pharynx and other respiratory tract	108	145	253	5.1
Foreign body in alimentary tract	4	13	17	0.3
Fracture of skull and facial bones	48	17	65	1.3
Injury and other consequences of external causes	96	47	143	2.9
Other causes	119	93	212	4.3
<b>TOTAL</b>	<b>2,546</b>	<b>2,404</b>	<b>4,950</b>	<b>100.0</b>

**OPERATIONS PERFORMED ON IN-PATIENTS AT E.N.T. HOSPITAL<sup>#</sup> - 2016**

Operations / Procedures	Male	Female	Total	
			No.	%
Application, insertion or removal procedures on external ear/NOSE	29	22	51	3.9
Other procedures on ear and mastoid processes	111	105	216	16.6
Examination and other procedures on nose	44	22	66	5.1
Application, insertion or removal procedures on nasal sinuses	7	12	19	1.5
Other procedures on nasal sinuses	20	21	41	3.1
Oral surgery	12	38	50	3.8
Excision and other procedures on mouth	13	16	29	2.2
Excision on tonsils and adenoids	208	241	449	34.5
Procedures on pharynx	10	12	22	1.7
Procedures on larynx	51	14	65	5.0
Procedures on other respiratory system	19	4	23	1.8
Examination and other procedures on oesophagus	46	70	116	8.9
Reduction of fracture of facial bone	23	4	27	2.1
Dermatological and plastic procedures	31	19	50	3.8
Diagnostic and therapeutic intervention	31	14	45	3.5
Other procedures	15	19	34	2.6
<b>TOTAL</b>	<b>670</b>	<b>633</b>	<b>1,303</b>	<b>100.0</b>

<sup>#</sup> 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 CENTRE<sup>#</sup> - 2016

Causes (ICD -10)	Cases treated			
	Male	Female	Total	%
Rheumatic fever with heart involvement	1	0	1	0.0
Mitral stenosis	0	7	7	0.3
Other rheumatic mitral valve diseases	32	40	72	2.8
Other chronic rheumatic heart diseases	0	0	0	0.0
Double valve diseases	3	6	9	0.4
Angina pectoris	718	407	1,125	44.0
Acute Myocardial infarction	106	48	154	6.0
Chronic ischaemic heart diseases	715	188	903	35.4
Nonrheumatic mitral valve disorders	0	1	1	0.0
Nonrheumatic aortic valve disorders	30	24	54	2.1
Pulmonary valve disorders	33	16	49	1.9
Left ventricular and other heart failure	4	1	5	0.2
Cardiac septal defect	8	14	22	0.9
Other heart diseases	10	12	22	0.9
Cerebrovascular diseases	3	1	4	0.2
Abdominal aortic aneurysm	5	3	8	0.3
Peripheral vascular disease	0	1	1	0.0
Arteriovenous fistula acquired	51	26	77	3.0
Other diseases of the circulatory system	0	1	1	0.0
Congenital malformations of the heart and other circulatory system	12	10	22	0.9
Renal diseases*	4	2	6	0.2
Other causes	7	4	11	0.4
Total	1,742	812	2,554	100.0

NB:total operations performed =1,294 of which Vascular Surgery (39), Neuro Surgery (235), Cardiac Surgery (896), Atrio-ventricular fistula (100) and general surgery (23) .

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

\* hypertensive/diabetic/failure

## ISLAND OF MAURITIUS

## REPORTED CASES OF CERTAIN SEXUALLY TRANSMITTED INFECTION DIAGNOSED AT SKIN DISEASE CLINICS OF GOVERNMENT HOSPITALS- 2016

CAUSE	Under 20 years		20 -29 years		30 - 39 years		40 - 49 years		50 years & over		ALL AGES		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Total
Gonococcal infections	10	1	36	7	22	2	4	1	3	-	75	11	86
Venereal warts	3	10	8	14	10	14	8	13	3	-	32	51	83
Syphilis	16	18	46	26	16	16	7	2	5	1	90	63	153
Herpes simplex	1	3	5	6	1	1	-	-	-	-	7	10	17
Other and unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>30</b>	<b>32</b>	<b>95</b>	<b>53</b>	<b>49</b>	<b>33</b>	<b>19</b>	<b>16</b>	<b>11</b>	<b>1</b>	<b>204</b>	<b>135</b>	<b>339</b>

## ATTENDANCE AT THE NATIONAL DAY CARE CENTRES\* FOR THE IMMUNO-SUPPRESSED - 2016

HIV/AIDS cases seen for treatment (first attendances)	MALE	FEMALE	TOTAL
Under 10 years	2	6	8
10-19 years	1	12	13
20-29 years	43	34	77
30-39 years	81	36	117
40-49 years	62	16	78
50-59 years	32	11	43
60 years & over	13	5	18
<b>A. Total first attendances</b>	<b>234</b>	<b>120</b>	<b>354</b>
<b>B. Subsequent attendances of HIV/AIDS cases for treatment/follow-up</b>	<b>10,242</b>	<b>4,196</b>	<b>14,438</b>
<b>Total attendances for treatment</b>	<b>10,476</b>	<b>4,316</b>	<b>14,792</b>
<i>Attendances of patients on ARV treatment (included above)</i>	<i>8,610</i>	<i>3,432</i>	<i>12,042</i>
C. PMTCT	17	114	131
D. Post -HIV Exposure Prophylaxis	192	130	322
E. Voluntary counselling	1,014	485	1,499
F. Police Case	84	59	143
G. Visa purpose	32	15	47
H. Screening (expatriates)	4,735	1,357	6,092
I. Other (premarital, medical purpose®, etc)	50	3	53
<b>Total attendances</b>	<b>16,600</b>	<b>6,479</b>	<b>23,079</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 2016, there were 3,360 patients on ARV in Mauritius, including 295 in prisons

## Island of Mauritius

**Cases of occupational and work related diseases diagnosed during screening sessions  
at Government Occupational Health Clinics 2016**

<b>Condition</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
Diseases caused by chemical agents	9	4	13
Diseases caused by physical agents	1	1	2
Biological agents	1	-	1
Occupational respiratory diseases	9	1	10
Occupational skin diseases	9	7	16
Occupational musculo-skeletal disorders	77	28	105
Occupational cancer	-	-	-
Others	-	-	-
<b>Total (cases diagnosed)</b>	<b>106</b>	<b>41</b>	<b>147</b>
Attendances at screening sessions:			
First attendances	1,428	691	2,119
Subsequent attendances	5,690	1,324	7,014
<b>TOTAL ATTENDANCES</b>	<b>7,118</b>	<b>2,015</b>	<b>9,133</b>
Pre employment medical fitness examinations			
Number of persons examined	3,738	1,992	5,730



**CAUSES @ OF ATTENDANCES\* AT GOVERNMENT AYURVEDIC (OUT-PATIENT) CLINICS – 2016**

<b>CAUSES</b>			<b>TOTAL</b>	<b>%</b>
	<b>TYPE OF DISEASE</b>	<b>AYURVEDIC TERMS</b>		
1	Diseases of skeletal/osseous system	Asthi Vaha Srotas	14,495	20.3
2	Diseases related to blood and plasma	Rasa Vaha Srotas	434	0.6
3	Symptoms involving head and neck	Urdhwa Jatrugataroga	7,294	10.2
4	Gastritis and other diseases of digestive system	Annavaha Srotas	8,185	11.4
5	Diabetes mellitus	Madhumeha rogas	7,035	9.8
6	Diseases of adipose system	Medho Vaha Srotas	4,402	6.2
7	Diseases of haemopoietic system	Rakta Vaha Srotas	10,236	14.3
9	Diseases of respiratory system	Pranavaha Srotas	3,382	4.7
10	Mental disorder	Mano Vaha Srotas	3,241	4.5
11	Diseases of muscular System	Mamsagata Vaha Srotas	1,883	2.6
12	Hypertensive diseases	Uccha Raktachapa Dab	2,883	4.0
13	Paralysis tremors, neuritis and other diseases of the nervous system	Vata Vikara	2,838	4.0
14	Urinary Disorder	Mutra vaha Srotas	1,645	2.3
15	Common gynaecological disorders	Artava Srotas	635	0.9
16	Diseases of reproductive system	Sukra Vaha Srotas	1,217	1.7
17	Common pediatric diseases	Balaroga	545	0.8
18	Diseases of body fluids system	Udhakavahas Srotas	840	1.2
19	Other diseases		301	0.4
<b>TOTAL</b>			<b>71,491</b>	<b>100.0</b>

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

\* New and follow-up cases

**NUMBER OF ATTENDANCES**

	<b>MALE</b>	<b>FEMALE</b>	<b>TOTAL</b>
BELVEDERE MEDI CLINIC	2,003	3,392	5,395
L'ESCALIER MEDI CLINIC	3,397	7,123	10,520
SSRN HOSPITAL	5,381	7,003	12,384
VICTORIA HOSPITAL	4,160	8,302	12,462
LA SOURCE FLACQ	1,659	3,895	5,554
<b>TOTAL</b>	<b>16,600</b>	<b>29,715</b>	<b>46,315</b>

92  
REPUBLIC OF MAURITIUS  
**NEW CASES OF CANCER REGISTERED\* – 2015**

SITE OF TUMOUR (ICD -10)	MALE		FEMALE		TOTAL	
	Number	%	Number	%	Number	%
Hypopharynx, oropharynx and nasopharynx	11	1.0	3	0.2	14	0.6
Tongue	18	1.7	15	1.1	33	1.3
Salivary glands	3	0.3	10	0.7	13	0.5
Mouth	10	0.9	12	0.9	22	0.9
Other & ill-defined sites of lip, oral cavity and pharynx	6	0.6	5	0.4	11	0.4
<b>TOTAL LIP, ORAL CAVITY AND PHARYNX</b>	<b>48</b>	<b>4.4</b>	<b>45</b>	<b>3.2</b>	<b>93</b>	<b>3.7</b>
Stomach	67	6.2	60	4.3	127	5.1
Oesophagus	29	2.7	14	1.0	43	1.7
Colon	98	9.1	124	8.8	222	8.9
Rectum	54	5.0	48	3.4	102	4.1
Gall bladder	7	0.6	22	1.6	29	1.2
Liver and intra-hepatic bile ducts	33	3.0	27	1.9	60	2.4
Pancreas	26	2.4	13	0.9	39	1.6
Other & ill-defined sites of digestive organs	7	0.6	8	0.6	15	0.6
<b>TOTAL DIGESTIVE ORGANS</b>	<b>321</b>	<b>29.7</b>	<b>316</b>	<b>22.5</b>	<b>637</b>	<b>25.6</b>
Trachea, bronchus and lung	100	9.2	38	2.7	138	5.5
Larynx	30	2.8	3	0.2	33	1.3
Other & ill-defined sites of respiratory system	6	0.6	8	0.6	14	0.6
<b>TOTAL RESPIRATORY SYSTEM</b>	<b>136</b>	<b>12.6</b>	<b>49</b>	<b>3.5</b>	<b>185</b>	<b>7.4</b>
<b>TOTAL BONES, JOINTS AND ARTICULAR CARTILAGE</b>	<b>18</b>	<b>1.7</b>	<b>6</b>	<b>0.4</b>	<b>24</b>	<b>1.0</b>
Lymphomas	31	2.9	13	0.9	44	1.8
Leukaemias	32	3.0	30	2.1	62	2.5
Multiple Myelomas	16	1.5	11	0.8	27	1.1
Other	17	1.6	6	0.4	23	0.9
<b>TOTAL HAEMATOLOGICAL MALIGNANCIES</b>	<b>96</b>	<b>8.9</b>	<b>60</b>	<b>4.3</b>	<b>156</b>	<b>6.3</b>
<b>TOTAL SKIN</b>	<b>99</b>	<b>9.1</b>	<b>69</b>	<b>4.9</b>	<b>168</b>	<b>6.7</b>
<b>TOTAL CONNECTIVE, SUBCUTANEOUS &amp; SOFT TISSUES</b>	<b>24</b>	<b>2.2</b>	<b>10</b>	<b>0.7</b>	<b>34</b>	<b>1.4</b>
<b>TOTAL BREAST</b>	<b>10</b>	<b>0.9</b>	<b>483</b>	<b>34.3</b>	<b>493</b>	<b>19.8</b>
Cervix uteri			94	6.7	94	3.8
Ovary			35	2.5	35	1.4
Corpus uteri			62	4.4	62	2.5
Vagina and vulva			10	0.7	10	0.4
Other & ill-defined sites of female genital organs			18	1.3	18	0.7
<b>TOTAL FEMALE GENITAL ORGANS</b>			<b>219</b>	<b>15.6</b>	<b>219</b>	<b>8.8</b>
Prostate gland	139	12.8			139	5.6
Testis	5	0.5			5	0.2
Other and ill-defined sites of male genital organs	5	0.5			5	0.2
<b>TOTAL MALE GENITAL ORGANS</b>	<b>149</b>	<b>13.8</b>			<b>149</b>	<b>6.0</b>
Bladder	49	4.5	16	1.1	65	2.6
Kidney, pelvis and ureter	22	2.0	9	0.6	31	1.2
<b>TOTAL URINARY TRACT</b>	<b>71</b>	<b>6.6</b>	<b>25</b>	<b>1.8</b>	<b>96</b>	<b>3.9</b>
Brain, meninges and other sites of Central Nervous System	18	1.7	20	1.4	38	1.5
Eye and adnexa	-	0.0	3	0.2	3	0.1
<b>TOTAL EYE &amp; CENTRAL NERVOUS SYSTEM</b>	<b>18</b>	<b>1.7</b>	<b>23</b>	<b>1.6</b>	<b>41</b>	<b>1.6</b>
Thyroid gland	8	0.7	14	1.0	22	0.9
Other endocrine glands	-	0.0	1	0.1	1	0.0
<b>TOTAL ENDOCRINE GLANDS</b>	<b>8</b>	<b>0.7</b>	<b>15</b>	<b>1.1</b>	<b>23</b>	<b>0.9</b>
<b>ALL OTHER SITES</b>	<b>84</b>	<b>7.8</b>	<b>87</b>	<b>6.2</b>	<b>171</b>	<b>6.9</b>
<b>GRAND TOTAL (ALL SITES)</b>	<b>1,082</b>	<b>100.0</b>	<b>1,407</b>	<b>100.0</b>	<b>2,489</b>	<b>100.0</b>

\* Source: National Cancer Register

## ISLAND OF MAURITIUS

**CASES TREATED AS IN-PATIENTS AT THE NEONATAL INTENSIVE CARE UNITS \* - 2016**

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

CAUSE (ICD-10 Classifications)	NUMBER OF CASES ®			OF WHOM PASSED AWAY®		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Disorders related to length of gestation and fetal growth.	82	83	165	16	13	29
Respiratory and cardiovascular disorders specific to the perinatal period.	32	19	51	10	5	15
Infections specific to the perinatal period.	20	12	32	4	5	9
Birth trauma	-	-	-	-	-	-
Digestive system disorders of fetus and newborn	1	-	1	-	-	-
Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery.	3	2	5	-	-	-
Haemorrhagic and haematological disorders of fetus and newborn.	2	1	3	1	1	2
Transitory endocrine and metabolic disorders specific to fetus and newborn	8	6	14	-	-	-
Conditions involving the integument and temperature regulation of foetus and newborn	-	-	-	-	-	-
Other disorders originating in the perinatal period.	9	7	16	-	-	-
Congenital malformation of the nervous system	3	1	4	-	1	1
Congenital malformations of the circulatory system.	5	2	7	4	1	5
Congenital malformations of the respiratory system.	-	-	-	-	-	-
Congenital malformations of digestive system.	-	-	-	-	-	-
Congenital malformation and deformities of the musculoskeletal	-	-	-	-	-	-
Other congenital malformations	1	2	3	1	1	2
Diseases of respiratory system.	1	-	1	1	-	1
Other diseases	-	-	-	-	-	-
<b>TOTAL</b>	<b>167</b>	<b>135</b>	<b>302</b>	<b>37</b>	<b>27</b>	<b>64</b>

\* Victoria and SSRN Hospitals

® based on data obtained from the Health Records Division

**INFANT DEATHS BY SEX AND DETAILED AGE - 2016**

AGE AT DEATH	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Under 1 day	7	9.3	8	11.8	15	10.5
1 day	10	13.3	9	13.2	19	13.3
2 days	3	4.0	5	7.4	8	5.6
3 days	4	5.3	2	2.9	6	4.2
4 days	2	2.7	3	4.4	5	3.5
5 days	3	4.0	2	2.9	5	3.5
6 days	2	2.7	-	0.0	2	1.4
Sub-total 0 - 6 days	31	41.3	29	42.6	60	42.0
7 - 13 days	11	14.7	3	4.4	14	9.8
14 - 20 days	4	5.3	4	5.9	8	5.6
21 - 27 days	7	9.3	5	7.4	12	8.4
Sub-total 0 - 27 days	53	70.7	41	60.3	94	65.7
28 - 59 days	13	17.3	10	14.7	23	16.1
2 months	1	1.3	4	5.9	5	3.5
3 months	3	4.0	1	1.5	4	2.8
4 months	2	2.7	-	0.0	2	1.4
5 months	-	0.0	-	0.0	-	0.0
Sub-total under 6 months	72	96.0	56	82.4	128	89.5
6 months	-	0.0	5	7.4	5	3.5
7 months	1	1.3	3	4.4	4	2.8
8 months	-	0.0	1	1.5	1	0.7
9 months	-	0.0	1	1.5	1	0.7
10 months	2	2.7	2	2.9	4	2.8
11 months	-	0.0	-	0.0	-	0.0
TOTAL UNDER ONE YEAR	75	100.0	68	100.0	143	100.0

ISLAND OF MAURITIUS  
BREAKDOWN OF INFANT DEATHS BY CAUSES AND SEX - 2016

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	-	1	1	2.0
Meningitis	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
Acute Bronchitis and Acute Bronchiolitis	-	-	-	0.0	1	-	1	2.9	1	-	1	1.1	1	1	2	4.1
Asthma	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
Pneumonia	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	1	1	2.0
Congenital anomalies	10	6	16	26.7	3	1	4	11.8	13	7	20	21.3	7	7	14	28.6
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	2	4	6	10.0	-	-	-	0.0	2	4	6	6.4	1	1	2	4.1
Intrauterine Hypoxia and birth asphyxia	3	3	6	10.0	2	1	3	8.8	5	4	9	9.6	-	2	2	4.1
Septicaemia and infections specific to the perinatal period	2	3	5	8.3	8	2	10	29.4	10	5	15	16.0	1	3	4	8.2
Neonatal haemorrhage	-	-	-	0.0	1	-	1	2.9	1	-	1	1.1	-	-	-	0.0
Birth Trauma	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0	-	-	-	0.0
Disseminated intravascular coagulation in newborn	1	-	1	1.7	-	2	2	5.9	1	2	3	3.2	1	-	1	2.0
Sudden Infant Death Syndrome	-	-	-	0.0	1	2	3	8.8	1	2	3	3.2	-	3	3	6.1
Ingestion of food causing suffocation	-	-	-	0.0	1	-	1	2.9	1	-	1	1.1	-	-	-	0.0
All other causes	13	13	26	43.3	5	4	9	26.5	18	17	35	37.2	11	8	19	38.8
TOTAL	31	29	60	100.0	22	12	34	100.0	53	41	94	100.0	22	27	49	100.0

## ISLAND OF MAURITIUS

**SELECTED CAUSES OF INFANT DEATHS - 2016**

CAUSE (I.C.D. 10 )	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Diarrhoea and gastroenteritis of presumed infectious origin	-	1	1	0.7
Meningitis	-	-	-	0.0
Acute Bronchitis and Acute Bronchiolitis	2	1	3	2.1
Asthma	-	-	-	0.0
Pneumonia	-	1	1	0.7
Congenital anomalies	20	14	34	23.8
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	3	5	8	5.6
Intrauterine Hypoxia and birth asphyxia	5	6	11	7.7
Septicaemia and infections specific to the perinatal period	11	8	19	13.3
Neonatal haemorrhage	1	-	1	0.7
Birth Trauma	-	-	-	0.0
Disseminated intravascular coagulation in newborn	2	2	4	2.8
Sudden Infant Death Syndrome	1	5	6	4.2
Ingestion of food causing suffocation	1	-	1	0.7
All other causes*	29	25	54	37.8
<b>TOTAL</b>	<b>75</b>	<b>68</b>	<b>143</b>	<b>100.0</b>

**SELECTED CAUSES OF DEATHS AMONG CHILDREN AGED 0-4 YEARS - 2016**

CAUSE (I.C.D. 10 )	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Diarrhoea and gastroenteritis of presumed infectious origin	1	1	2	1.2
Meningitis	-	-	-	0.0
Acute Bronchitis and Acute Bronchiolitis	2	1	3	1.8
Asthma	-	-	-	0.0
Pneumonia	1	1	2	1.2
Congenital anomalies	20	20	40	24.5
Slow foetal growth, foetal malnutrition and disorders related to short gestation and low birth weight	3	5	8	4.9
Intrauterine Hypoxia and birth asphyxia	5	6	11	6.7
Septicaemia and infections specific to the perinatal period	11	8	19	11.7
Neonatal haemorrhage	1	-	1	0.6
Birth Trauma	-	-	-	0.0
Disseminated intravascular coagulation in newborn	2	2	4	2.5
Sudden Infant Death Syndrome	1	5	6	3.7
Ingestion of food causing suffocation	1	-	1	0.6
Accidents	-	2	2	1.2
Drowning	2	1	3	1.8
All other causes*	35	26	61	37.4
<b>TOTAL</b>	<b>85</b>	<b>78</b>	<b>163</b>	<b>100.0</b>

\* including pulmonary haemorrhage (6 deaths) and respiratory distress (20 deaths)

97  
ISLAND OF MAURITIUS

**DEATHS (ALL AGES) BY CHAPTER OF THE INTERNATIONAL CLASSIFICATION OF DISEASES AND SEX - 2016**

CAUSE ( ICD - 10 )	DEATHS					
	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
1. Certain infectious & parasitic diseases	171	3.1	75	1.7	246	2.5
2. Neoplasms	594	10.9	671	15.0	1,265	12.8
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	33	0.6	36	0.8	69	0.7
4. Endocrine, nutritional & metabolic diseases	1,285	23.5	1,108	24.8	2,393	24.1
5. Mental & behavioural disorders	69	1.3	8	0.2	77	0.8
6. Diseases of the nervous system	109	2.0	55	1.2	164	1.7
7. Diseases of the eye & adnexa	-	-	-	-	-	0.0
8. Diseases of the ear & mastoid process	-	-	-	-	-	0.0
9. Diseases of the circulatory system	1,817	33.3	1,673	37.5	3,490	35.2
10. Diseases of the respiratory system	490	9.0	392	8.8	882	8.9
11. Diseases of the digestive system	245	4.5	102	2.3	347	3.5
12. Diseases of the skin & subcutaneous tissue	22	0.4	26	0.6	48	0.5
13. Diseases of the musculoskeletal system & connective tissue	5	0.1	14	0.3	19	0.2
14. Diseases of the genitourinary system	87	1.6	71	1.6	158	1.6
15. Pregnancy, childbirth & the puerperium	-	-	6	0.1	6	0.1
16. Certain conditions originating in the perinatal period	43	0.8	39	0.9	82	0.8
17. Congenital malformations, deformations & chromosomal abnormalities	29	0.5	24	0.5	53	0.5
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	62	1.1	62	1.4	124	1.3
19 & 20 Injury, poisoning & certain other consequences of external causes	399	7.3	98	2.2	497	5.0
<b>TOTAL</b>	<b>5,460</b>	<b>100.0</b>	<b>4,460</b>	<b>100.0</b>	<b>9,920</b>	<b>100.0</b>

ISLAND OF MAURITIUS  
DEATHS BY CHAPTER OF THE INTERNATIONAL CLASSIFICATION AND BY AGE-GROUP - 2016

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	Under 1 year	1 - 4 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years	Under 1 year	1 - 4 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years	TOTAL
1.	Certain infectious & parasitic diseases	1	1	-	-	39	88	42	2	1	-	-	13	17	42	3	2	-	-	52	105	84	246
2.	Neoplasms	-	1	2	4	26	141	420	-	-	1	4	21	200	445	-	1	3	8	47	341	865	1,265
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	4	-	1	-	4	6	18	2	-	-	-	5	6	23	6	-	1	-	9	12	41	69
4.	Endocrine, nutritional & metabolic diseases	1	1	-	-	19	376	888	-	-	-	1	17	177	913	1	1	-	1	36	553	1,801	2,393
5.	Mental & behavioural disorders	-	-	-	-	18	35	16	-	-	-	-	2	4	2	-	-	-	-	20	39	18	77
6.	Diseases of the nervous system	-	1	-	4	28	34	42	-	-	-	1	7	11	36	-	1	-	5	35	45	78	164
7.	Diseases of the eye & adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	Diseases of the ear & mastoid process	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Diseases of the circulatory system	1	-	-	3	69	448	1,296	2	-	-	1	29	187	1,454	3	-	-	4	98	635	2,750	3,490
10.	Diseases of the respiratory system	2	3	1	3	33	75	373	3	-	3	3	11	34	338	5	3	4	6	44	109	711	882
11.	Diseases of the digestive system	-	-	1	-	21	94	129	1	-	-	-	3	22	76	1	-	1	-	24	116	205	347
12.	Diseases of the skin & subcutaneous tissue	-	-	-	-	1	4	17	-	-	-	-	2	2	22	-	-	-	-	3	6	39	48
13.	Diseases of the musculoskeletal system & connective tissue	-	-	-	-	2	2	1	-	-	-	-	5	4	5	-	-	-	-	7	6	6	19
14.	Diseases of the genitourinary system	-	-	-	1	2	21	63	-	-	1	-	3	17	50	-	-	1	1	5	38	113	158
15.	Pregnancy, childbirth & the puerperium								-	-	-	1	5	-	-	-	-	-	1	5	-	-	6
16.	Certain conditions originating in the perinatal period	43	-	-	-	-	-	-	39	-	-	-	-	-	-	82	-	-	-	-	-	-	82
17.	Congenital malformations, deformations & chromosomal abnormalities	20	-	3	4	2	-	-	14	6	2	1	1	-	-	34	6	5	5	3	-	-	53
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	1	-	-	-	4	13	44	5	-	1	-	-	4	52	6	-	1	-	4	17	96	124
19.	Injury, poisoning & certain other consequences of external causes	2	3	2	32	121	130	109	0	3	4	4	17	27	43	2	6	6	36	138	157	152	497
TOTAL		75	10	10	51	389	1467	3458	68	10	12	16	141	712	3501	143	20	22	67	530	2179	6959	9920



## ISLAND OF MAURITIUS

**SELECTED PRINCIPAL CAUSES OF DEATH (ALL AGES) – 2016****(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	658	12.1	485	10.9	1,143	11.5
Heart Failures	119	2.2	120	2.7	239	2.4
Cardiac Arrest	185	3.4	201	4.5	386	3.9
Pulmonary heart diseases	17	0.3	24	0.5	41	0.4
Other heart diseases	63	1.2	62	1.4	125	1.3
Cerebrovascular disease	523	9.6	470	10.5	993	10.0
Hypertensive disease	220	4.0	289	6.5	509	5.1
Diabetes mellitus	1,251	22.9	1,078	24.2	2,329	23.5
Malignant neoplasm of trachea, bronchus and lung	123	2.3	32	0.7	155	1.6
Malignant neoplasm of breast	-	0.0	176	3.9	176	1.8
Malignant neoplasm of stomach	40	0.7	31	0.7	71	0.7
Malignant neoplasm of uterus (inc. cervix uteri)	-	0.0	63	1.4	63	0.6
Malignant neoplasm of liver and intrahepatic bile duct	23	0.4	26	0.6	49	0.5
Malignant neoplasm of lip, oral cavity and pharynx	36	0.7	13	0.3	49	0.5
Malignant neoplasm of pancreas	34	0.6	20	0.4	54	0.5
Malignant neoplasm of prostate	59	1.1	-	0.0	59	0.6
Pneumonia	113	2.1	95	2.1	208	2.1
Asthma	29	0.5	42	0.9	71	0.7
Pulmonary oedema	29	0.5	9	0.2	38	0.4
Bronchitis, emphysema and other chronic obstructive pulmonary diseases	62	1.1	23	0.5	85	0.9
Land Transport Accidents	152	2.8	13	0.3	165	1.7
Suicide	83	1.5	15	0.3	98	1.0
Homicides	11	0.2	9	0.2	20	0.2
Accidental drowning and submersion	33	0.6	10	0.2	43	0.4
Accidents caused by fire and flames	11	0.2	12	0.3	23	0.2
Diseases of liver (inc. alcoholic cirrhosis)	135	2.5	34	0.8	169	1.7
Renal failures	29	0.5	38	0.9	67	0.7
Senility	23	0.4	36	0.8	59	0.6
Septicaemia unspecified	33	0.6	35	0.8	68	0.7
Gastrointestinal haemorrhage unspecified	42	0.8	29	0.7	71	0.7
All other causes	1,324	24.2	970	21.7	2,294	23.1
TOTAL	5,460	100.0	4,460	100.0	9,920	100.0

ISLAND OF MAURITIUS  
SELECTED PRINCIPAL CAUSES OF DEATHS BY AGE-GROUP AND SEX - 2016

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	1	-	25	159	251	222	-	1	4	46	152	282	1	1	29	205	403	504	1,143
Heart Failures	-	2	10	39	37	31	2	1	5	17	25	70	2	3	15	56	62	101	239
Cardiac Arrest	-	-	5	23	61	96	-	-	3	13	28	157	-	-	8	36	89	253	386
Pulmonary heart diseases	-	1	1	9	4	2	-	2	6	3	4	9	-	3	7	12	8	11	41
Other heart diseases	-	4	10	12	16	21	-	2	3	9	17	31	-	6	13	21	33	52	125
Cerebrovascular disease	-	4	34	102	186	197	-	3	11	56	131	269	-	7	45	158	317	466	993
Hypertensive disease	-	2	16	44	62	96	-	-	2	25	63	199	-	2	18	69	125	295	509
Diabetes mellitus	-	1	37	348	577	288	-	3	28	155	445	447	-	4	65	503	1,022	735	2,329
Malignant neoplasm of trachea, bronchus and l	-	-	3	26	62	32	-	-	1	9	16	6	-	-	4	35	78	38	155
Malignant neoplasm of breast	-	-	-	-	-	-	-	2	15	71	56	32	-	2	15	71	56	32	176
Malignant neoplasm of stomach	-	1	2	6	22	9	-	-	-	8	15	8	-	1	2	14	37	17	71
Malignant neoplasm of uterus (inc. cervix uteri)	-	-	-	-	-	-	-	-	4	12	28	19	-	-	4	12	28	19	63
Malignant neoplasm of liver and intrahepatic bile duct	-	-	2	9	10	2	-	-	2	5	13	6	-	-	4	14	23	8	49
Malignant neoplasm of lip, oral cavity and phary	-	-	1	15	12	8	-	-	1	4	4	4	-	-	2	19	16	12	49
Malignant neoplasm of pancreas	-	-	-	8	17	9	-	-	1	2	9	8	-	-	1	10	26	17	54
Malignant neoplasm of prostate	-	-	-	6	21	32	-	-	-	-	-	-	-	-	-	6	21	32	59
Pneumonia	2	3	10	12	32	54	2	1	3	8	16	65	4	4	13	20	48	119	208
Asthma	-	-	3	3	11	12	1	2	2	4	9	24	1	2	5	7	20	36	71
Pulmonary oedema	1	6	8	9	1	4	-	-	1	-	5	3	1	6	9	9	6	7	38
Bronchitis, emphysema and other chronic obstructive pulmonary diseases	-	-	-	1	32	29	1	-	-	2	5	15	1	-	-	3	37	44	85
Land Transport Accidents	2	53	27	35	24	11	1	-	4	2	6	-	3	53	31	37	30	11	165
Suicide	-	27	29	16	8	3	-	5	5	4	1	-	-	32	34	20	9	3	98
Homicides	-	-	7	1	2	1	1	3	1	2	1	1	1	3	8	3	3	2	20
Accidental drowning and submersion	3	6	7	10	6	1	2	2	3	2	1	-	5	8	10	12	7	1	43
All other causes	91	75	202	385	436	408	86	34	68	170	322	474	177	109	270	555	758	882	2,751
TOTAL	100	185	439	1278	1890	1568	96	61	173	629	1372	2129	196	246	612	1907	3262	3697	9920

**CHAPTER-SPECIFIC DEATH RATES**  
PER 10,000 MID-YEAR RESIDENT POPULATION - 2016

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	246	2.0	4	0.9	250	2.0
2.	Neoplasms	1,265	10.4	29	6.9	1,294	10.2
3.	Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	69	0.6	1	0.2	70	0.6
4.	Endocrine, nutritional & metabolic diseases	2,393	19.6	34	8.0	2,427	19.2
5.	Mental & behavioural disorders	77	0.6	1	0.2	78	0.6
6.	Diseases of the nervous system	164	1.3	8	1.9	172	1.4
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	3,490	28.6	116	27.4	3,606	28.5
10.	Diseases of the respiratory system	882	7.2	17	4.0	899	7.1
11.	Diseases of the digestive system	347	2.8	9	2.1	356	2.8
12.	Diseases of the skin & subcutaneous tissue	48	0.4	4	0.9	52	0.4
13.	Diseases of the musculoskeletal system & connective tissue	19	0.2	-	0.0	19	0.2
14.	Diseases of the genitourinary system	158	1.3	6	1.4	164	1.3
15.	Pregnancy, childbirth & the puerperium	6	0.0	-	0.0	6	0.0
16.	Certain conditions originating in the perinatal period	82	0.7	5	1.2	87	0.7
17.	Congenital malformations, deformations & chromosomal abnormalities	53	0.4	5	1.2	58	0.5
18.	Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	124	1.0	3	0.7	127	1.0
19.	Injury, poisoning & certain other consequences of external causes	497	4.1	12	2.8	509	4.0
TOTAL		<b>9,920</b>	<b>81.2</b>	<b>254</b>	<b>60.1</b>	<b>10,174</b>	<b>80.5</b>

102  
ISLAND OF MAURITIUS

**DISTRIBUTION OF DEATHS BY AGE-GROUP AND SEX, AND AGE-SPECIFIC DEATH RATES**  
PER 1,000 MID-YEAR RESIDENT POPULATION - 2016

AGE-GROUP (years)	DEATHS					DEATH RATES		
	MALE	FEMALE	BOTH SEXES			MALE	FEMALE	BOTH SEXES
	Number	Number	Number	Percentage	Cumulative Percentage			
Under 1	75	68	143	1.4	1.4	12.2	11.7	11.9
1 - 4	10	10	20	0.2	1.6	0.4	0.4	0.4
5 - 9	6	4	10	0.1	1.7	0.2	0.1	0.1
10 - 14	9	14	23	0.2	2.0	0.2	0.3	0.3
15 - 19	46	10	56	0.6	2.5	1.0	0.2	0.6
20 - 24	64	23	87	0.9	3.4	1.3	0.5	0.9
25 - 29	75	28	103	1.0	4.5	1.7	0.6	1.2
30 - 34	91	35	126	1.3	5.7	2.1	0.8	1.5
35 - 39	159	55	214	2.2	7.9	3.2	1.2	2.2
40 - 44	189	83	272	2.7	10.6	4.5	2.0	3.3
45 - 49	287	144	431	4.3	15.0	6.7	3.5	5.1
50 - 54	446	208	654	6.6	21.6	9.5	4.4	7.0
55 - 59	545	277	822	8.3	29.8	13.8	6.7	10.2
60 - 64	647	411	1,058	10.7	40.5	20.1	11.8	15.8
65 - 69	674	475	1,149	11.6	52.1	28.8	17.2	22.5
70 - 74	569	486	1,055	10.6	62.7	44.6	28.7	35.5
75 - 79	531	518	1,049	10.6	73.3	65.8	44.2	53.0
80 - 84	473	541	1,014	10.2	83.5	102.0	69.5	81.7
85 & over	564	1,070	1,634	16.5	100.0	185.3	157.3	166.0
ALL AGES	5,460	4,460	9,920	100.0	-	9.0	7.2	8.1

ISLAND OF MAURITIUS  
DEATHS DUE TO DISEASES OF THE CIRCULATORY SYSTEM  
BY AGE-GROUP AND SEX - 2016

CAUSES (I.C.D. 10)	MALES						FEMALES						BOTH SEXES							
	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	TOTAL	
Acute Myocardial Infarction	1	-	18	121	183	139	-	1	4	34	105	175	1	1	22	155	288	314	781	
Other Ischaemic Heart diseases	-	-	7	38	68	83	-	-	-	12	47	107	-	-	7	50	115	190	362	
Total (Ischaemic Heart diseases)	1	-	25	159	251	222	-	1	4	46	152	282	1	1	29	205	403	504	1,143	
Cardiac Arrest	-	-	5	23	61	96	-	-	3	13	28	157	-	-	8	36	89	253	386	
Heart Failure	-	2	10	39	37	31	2	1	5	17	25	70	2	3	15	56	62	101	239	
Other heart diseases	-	5	11	21	20	23	-	4	9	12	21	40	-	9	20	33	41	63	166	
Total (Heart diseases) *	1	7	51	242	369	372	2	6	21	88	226	549	3	13	72	330	595	921	1,934	
Hypertensive diseases	-	2	16	44	62	96	-	-	2	25	63	199	-	2	18	69	125	295	509	
Intracranial haemorrhage and cerebral infarction	-	2	26	49	42	20	-	3	8	24	34	37	-	5	34	73	76	57	245	
Stroke, not specified as haemorrhage or infarction	-	2	8	53	144	177	-	-	3	32	97	232	-	2	11	85	241	409	748	
Other cerebrovascular diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total (cerebrovascular diseases)	-	4	34	102	186	197	-	3	11	56	131	269	-	7	45	158	317	466	993	
Other diseases of the circulatory system	-	-	7	11	10	4	-	1	2	2	6	11	-	1	9	13	16	15	54	
T O T A L (Circulatory system)	1	13	108	399	627	669	2	10	36	171	426	1028	3	23	144	570	1053	1697	3490	

104  
ISLAND OF MAURITIUS  
**DEATHS DUE TO NEOPLASMS BY TYPE AND SEX 2016**

TYPE OF NEOPLASM (ICD-10)	MALE	FEMALE	TOTAL
Malignant neoplasm of lip, oral cavity and pharynx	36	13	49
Malignant neoplasm of oesophagus	16	9	25
Malignant neoplasm of stomach	40	31	71
Malignant neoplasm of colon	54	61	115
Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal	22	19	41
Malignant neoplasm of liver and intrahepatic bile ducts	23	26	49
Malignant neoplasm of pancreas	34	20	54
Other malignant neoplasm of digestive organs	14	21	35
Malignant neoplasm of larynx	16	4	20
Malignant neoplasm of trachea, bronchus and lung	123	32	155
Other malignant neoplasm of respiratory and intrathoracic organs	5	5	10
Malignant neoplasm of bone and articular cartilage	6	11	17
Malignant neoplasm of skin, including melanoma	6	1	7
Malignant neoplasm of mesothelial and soft tissue	3	2	5
Malignant neoplasm of breast	-	176	176
Malignant neoplasm of cervix uteri		26	26
Malignant neoplasm of other and unspecified parts of the uterus		37	37
Other Malignant neoplasms of female genital organs		35	35
Malignant neoplasm of prostate	59		59
Other malignant neoplasm of male genital organs	5		5
Malignant neoplasm of bladder	18	5	23
Other malignant neoplasm of urinary tract	7	5	12
Malignant neoplasm of central nervous system, including brain	10	8	18
Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites	19	38	57
Hodgkin's disease	4	5	9
Non-Hodgkin's lymphoma	15	14	29
Leukaemia	21	24	45
Other malignant neoplasms of lymphoid, haematopoietic and related tissue	11	11	22
Benign neoplasm of skin	-	1	1
benign neoplasm of urinary organs	-	1	1
Benign neoplasm of brain and other parts of central nervous system	11	14	25
Other in situ and benign neoplasms and neoplasms of uncertain and unknown behaviour	16	16	32
<b>TOTAL</b>	<b>594</b>	<b>671</b>	<b>1,265</b>

ISLAND OF MAURITIUS  
Deaths due to External Causes , by Age-group and Sex - 2016

CAUSES (ICD - 10)	MALE						FEMALE						BOTH SEXES						TOTAL
	Under 5 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	Under 5 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	Under 5 years	5 - 12 years	13- 19 years	20- 39 years	40- 59 years	60 years & over	
Transport Accidents	-	1	20	52	44	35	1	-	-	2	4	6	1	1	20	54	48	41	165
Falls	-	-	-	9	15	22	-	1	-	-	2	7	-	1	-	9	17	29	56
Accidental Drowning and Submersion	3	-	2	8	13	7	1	-	1	3	4	1	4	-	3	11	17	8	43
Ingestion of food causing obstruction of respiratory tract	1	-	-	2	3	1	-	-	-	-	-	2	1	-	-	2	3	3	9
Exposure to Electric Current	-	-	-	2	3	-	-	-	-	-	-	-	-	-	-	2	3	-	5
Exposure to Smoke, Fire and Flames	-	-	1	3	4	3	1	2	1	1	2	5	1	2	2	4	6	8	23
Other and unspecified accidents	1	1	-	1	4	4	-	-	-	-	1	-	1	1	-	1	5	4	12
Suicide by chemicals and noxious substances	-	-	1	8	3	1	-	-	-	-	2	-	-	-	1	8	5	1	15
Suicide by hanging	-	-	6	29	21	9	-	-	-	8	1	1	-	-	6	37	22	10	75
Suicide by fire	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	2	-	2
Suicide by other and unspecified means	-	-	-	1	2	1	-	-	-	1	1	-	-	-	-	2	3	1	6
Assault	-	-	-	5	3	3	-	-	2	2	3	2	-	-	2	7	6	5	20
Accidental poisoning by exposure to noxious substances and/or of undetermined intent	-	-	2	1	5	6	-	1	-	-	1	1	-	1	2	1	6	7	17
Complications of medical and surgical care	-	-	-	-	9	17	-	-	-	-	5	18	-	-	-	0	14	35	49
Other and unspecified External causes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
<b>TOTAL</b>	<b>5</b>	<b>2</b>	<b>32</b>	<b>121</b>	<b>130</b>	<b>109</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>17</b>	<b>27</b>	<b>43</b>	<b>8</b>	<b>6</b>	<b>36</b>	<b>138</b>	<b>157</b>	<b>152</b>	<b>497</b>

## ***Part II***

# Island of Rodrigues



**SELECTED HEALTH VARIABLES AND INDICATORS**  
**ISLAND OF RODRIGUES - 2016**

<b>Variable/ Indicator</b>	<b>Number/ Value</b>	<b>Denominator</b>
<b>POPULATION AND VITAL STATISTICS</b>		
Estimated mid-year resident population	42,260	
<i>Population density</i>	406	<i>per square kilometre</i>
Estimated mid-year resident population by sex:	male 20,762 (49.1%) female 21,498 (50.9%)	
	<i>sex ratio</i> 966	<i>males per 1000 females</i>
Estimated end-of-year resident population	42,396	
<i>Population density</i>	408	<i>per square kilometre</i>
Estimated female mid-year resident population 15-49 years	10,976	
<i>Percentage of total female population</i>	51.1	
<i>Percentage of total population (both sexes)</i>	26.0	
Estimated mid-year population 60 years and over	4,902	
<i>Percentage of total population</i>	11.6	
Estimated mid-year population 65 years and over	3,418	
<i>Percentage of total population</i>	8.1	
Live births	752	
<i>Crude birth rate</i>	17.8	<i>per 1000 mid-year population</i>
Deaths (all ages)	254	
<i>Crude death rate</i>	6.0	<i>per 1000 mid-year population</i>
Stillbirths	10	
<i>Stillbirth rate</i>	13.1	<i>per 1000 total births</i>
Perinatal deaths	17	
<i>Perinatal mortality rate</i>	22.3	<i>per 1000 total births</i>
Infant deaths	11	
<i>Infant mortality rate</i>	14.6	<i>per 1000 live births</i>
Deaths under five years	11	
<i>Under-five mortality rate</i>	14.6	<i>per 1000 live births</i>
Maternal deaths	-	
<i>Maternal mortality ratio</i>	-	<i>per 1000 live births</i>
Life expectancy at birth (years)		
	Male 73.7	
	Female 78.6	
	Both Sexes 76.1	
<b>INFRASTRUCTURE AND PERSONNEL</b>		
Beds	178	
<i>Population : bed ratio</i>	238	<i>inhabitants per bed</i>
Doctors	25	
<i>Population : doctor ratio</i>	1,696	<i>inhabitants per doctor</i>
Dentists	3	
<i>Population : dentist ratio</i>	14,132	<i>inhabitants per dentist</i>
Nurses (including midwives)	183	
<i>Population : nurse ratio</i>	232	<i>inhabitants per nurse</i>

108  
**SELECTED HEALTH VARIABLES AND INDICATORS**  
**ISLAND OF RODRIGUES - 2016**  
(cont.)

Variable/Indicator	Number/Value	Denominator
<b><u>MATERNAL AND CHILD HEALTH</u></b>		
Births attended by qualified personnel <i>Percentage of all births reported by hospitals (746)</i>	99.6	
Children with a birthweight of less than 2.5 kg <i>Percentage of live births (hospital &amp; health centres= 741)</i>	78	10.5
<i>Total Fertility Rate</i>		2.3
<i>Net Reproduction Rate</i>		1.1
<b><u>IMMUNIZATION</u></b>		
Children immunized against tuberculosis Immunization coverage	720	98.6 per 100 surviving infants
Children immunized against diphtheria, whooping cough, tetanus, Hib Immunization coverage	718	98.4 per 100 surviving infants
Children immunized against measles/mumps/rubella (MMR) Immunization coverage	629	86.2 per 100 surviving infants
Pregnant women immunized against tetanus (2nd or higher dose) Immunization coverage	542	70.1 per 100 estimated pregnant women
<b><u>NOTIFIABLE DISEASES</u></b>		
Cases of malaria reported Incidence rate	-	- per 10,000 mid-year population
Cases of tuberculosis reported Incidence rate	-	- per 10,000 mid-year population
Cases of HIV / AIDS reported Incidence rate	7	1.7 per 10,000 mid-year population
<b><u>CAUSE OF DEATH</u></b>		
Deaths due to diseases of the circulatory system Percentage of total deaths Disease-specific death rate	116	45.7 27.4 per 10,000 mid-year population
Deaths due to endocrine, nutritional and metabolic diseases Percentage of total deaths Disease-specific death rate	34	13.4 8.0 per 10,000 mid-year population
Deaths due to neoplasms Percentage of total deaths Disease-specific death rate	29	11.4 6.9 per 10,000 mid-year population
Deaths due to diseases of the respiratory system Percentage of total deaths Disease-specific death rate	17	6.7 4.0 per 10,000 mid-year population
Deaths due to injury and poisoning Percentage of total deaths Disease-specific death rate	12	4.7 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 104 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

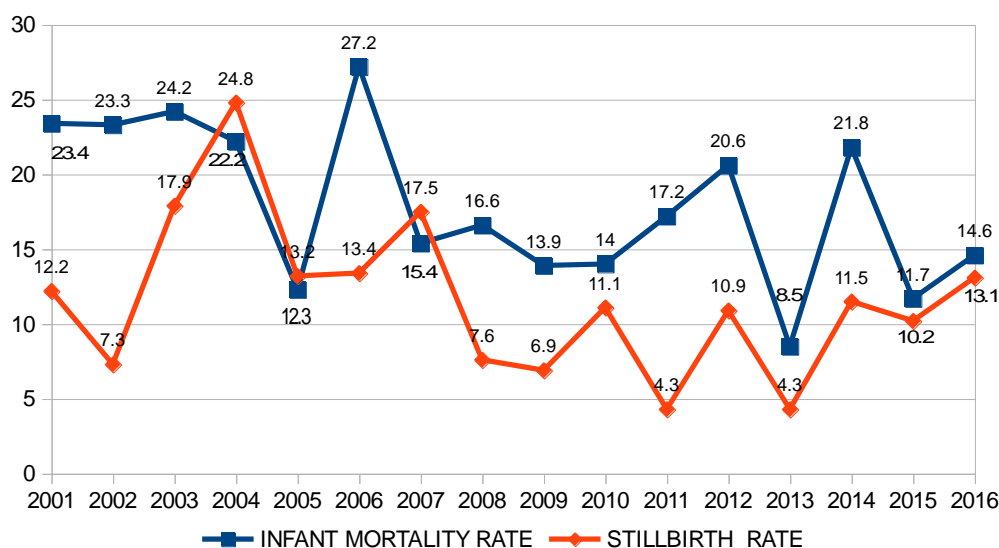
The estimated end-of-year resident population of the Island of Rodrigues increased from 42,058 in 2015 to 42,396 in 2016; the growth rate was 0.8%. The population density at the end of 2016 was 408 inhabitants per square kilometer.

The proportion of population aged under 15 years decreased from 30.9 % in 2006 to 27.1 % in 2016, while in the same period, the proportion of elderly population (aged 65 years and above) increased from 6.5 % to 8.1 %. During the last 10 years, the total dependency ratio has decreased from 597.3 per 1,000 mid year population aged 15-64 years to 542.3; the young age dependency ratio decreased from 492.9 to 418.8 while the old age dependency ratio increased from 104.5 to 124.9.

Based on the 2011 Population Census data, life expectancy at birth in Rodrigues was estimated to be 73.7 years for men and 78.6 years for women in 2016.

The number of live births registered in 2015 and 2016 was 681 and 752 respectively, corresponding to an increase in crude birth rate from 16.2 per 1,000 mid-year population to 17.8. The crude death rate was 6.0 per 1,000 mid-year population in 2015 and 2016 equally with 251 and 254 deaths respectively.

## ISLAND OF RODRIGUES



The number of infant deaths, that is deaths among children aged under one year, registered in 2015 and 2016 was 8 and 11 respectively, corresponding to an increase in the infant mortality rate from 11.7 per 1,000 live births to 14.6. In the same period, stillbirth rate also increased from 10.2 per 1,000 births to 13.1.

## HEALTH DELIVERY SYSTEM

In the Island of Rodrigues, at the end of 2016, there were one hospital with 146 beds and two health centres with in-patient facilities equipped with a total of 32 beds. This brought the total number of beds in government institutions providing in-patient facilities to 178 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 2016, 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 2016, there were 25 doctors in the Island of Rodrigues that is one doctor for 1,696 inhabitants compared to 2,327 inhabitants in 2006. There were 3 dentists

that is one for 14,132 inhabitants at the end of 2016 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 2016, that is one nurse/midwife for 232 inhabitants compared to one for 240 inhabitants in 2006.

### **IN-PATIENT SERVICE**

The total number of admissions at Queen Elizabeth Hospital and the two Health Centres (Mont Lubin and La Ferme) was 10,846 in 2016, while in 2015 it was 11,382. The percentage decrease in admissions over the one-year period was 4.7%. 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 195,439 in 2016, while in 2006 it was 171,317. In 2016, the number of attendances for the treatment of common diseases and injuries at Community Health Centres was 45,107 as compared to 57,348 in 2015, that is, a 21.3% decrease.

### **MATERNAL AND CHILD HEALTH**

In 2016, a total of 743 births (including 2 stillbirths) were reported by the Maternity Section of Queen Elizabeth Hospital, Mont Lubin HC and La Ferme HC. 741 live births were attended by trained personnel, out of which 78 were low birth weight babies (less than 2500 grammes) representing 10.5% as compared to 13.2 % in 2015 and 11.0% in 2014.

In 2016, a total of 746 live births were reported by the MCH services. 720 babies were immunized against *Tuberculosis (BCG)* by MCH staff, 718 babies against *Diphtheria, Haemophilus influenza type B, hepatitis B and oral Polio Vaccine (3<sup>rd</sup> dose)* and 629 against *Measles/mumps/rubella (MMR)*. 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 2016, there were 1,460 shots (1<sup>st</sup> dose 745 and 2<sup>nd</sup> dose 715)

## DENTAL HEALTH

The total number of attendances at the three dental clinics in 2016 was 17,356 while in 2006 it was 14,247. This represented an increase of 21.8% during the 10-year period.

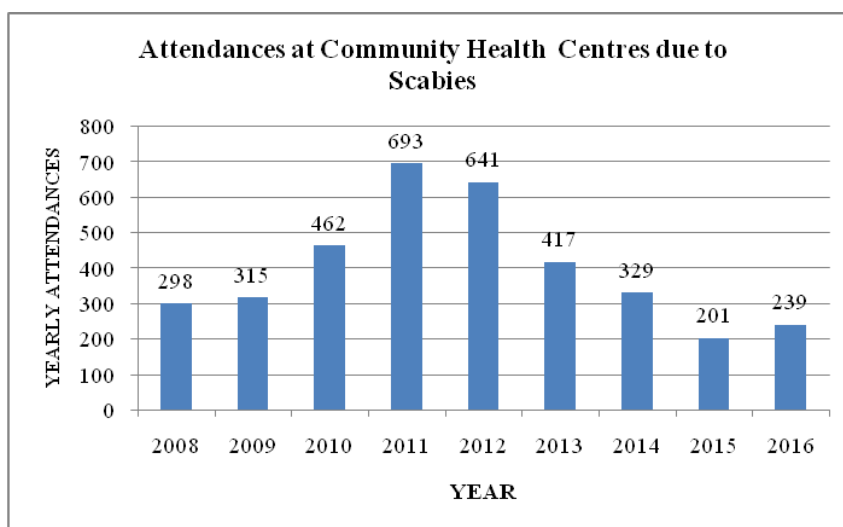
## MORBIDITY

The number of discharged patients in 2016 was 10,390, out of which 826 (7.9%) were treated for *Complications of pregnancy, childbirth and the puerperium* (excluding *Normal deliveries* and *Complications following abortions*), 576 (5.5%) for *Injuries* (*crushing & superficial injuries, fractures, open wounds, dislocation, sprain and strains* and 604 (5.8%) for *Delivery without mention of complications*).

In 2016, the principal diseases contributing to first attendances at the 14 Community Health Centres were *tonsillitis, laryngitis, nasopharyngitis (common cold), sore throat and URTI* with 1,944 attendances (16.4%) followed by *cough, pain in throat, chest pain, wheezing, hiccough and sneezing* with 1,259 attendances (10.6%). *Fever/pain all over* with 904 attendances (7.6%) stood in the third position.

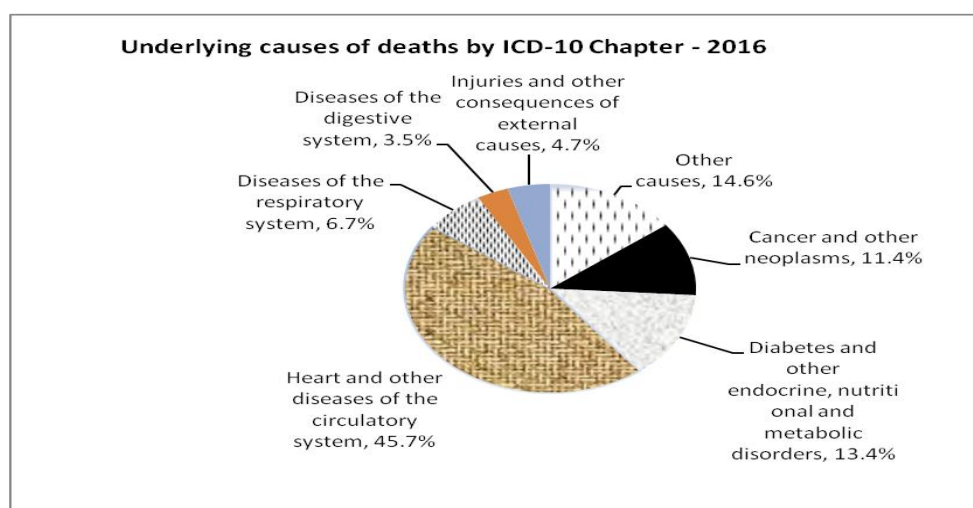
Diseases grouped by ICD chapters indicate that *Diseases of respiratory system* was 15.2 % of total first attendances at Community Health Centres in 2006 compared to 28.5 % in 2016. During the same period, first attendances due to *Infectious and parasitic diseases* increased from 6.1% to 10.9 %. *Diseases of the musculoskeletal and connective tissue* were 14.7 % of first attendances in 2006 compared to 7.6% in 2016; 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 increased to 239 in 2016.



## CAUSE OF DEATH

In 2016, 254 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 45.7% of all deaths. *Diabetes and other endocrine, nutritional & metabolic disorders* with 13.4% were in the second position followed by *Cancer and other Neoplasms* with 11.4%, *Diseases of the respiratory system* (6.7%) and *Diseases of the digestive system* (3.5%).



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

ISLAND OF RODRIGUES  
STILLBIRTHS, PERINATAL, NEONATAL AND INFANT DEATHS 1992 - 2016

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
1992	5	6.8	6	8.2	11	14.9	3	4.1	9	12.3	9	12.3	18	24.6
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
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
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	-	-	6	8.3	4	5.5	10	13.9
2010	8	11.1	9	12.6	17	23.5	-	-	9	12.6	1	1.4	10	14.0
2011	3	4.3	10	14.3	13	18.5	1	1.4	11	15.7	1	1.4	12	17.2
2012	8	10.9	5	6.9	13	17.7	3	4.1	8	11.0	7	9.6	15	20.6
2013	3	4.3	2	2.9	5	7.1	-	-	2	2.9	4	5.7	6	8.5
2014	8	11.5	9	13.1	17	24.4	-	-	9	13.1	6	8.7	15	21.8
2015	7	10.2	4	5.9	11	16.0	2	2.9	6	8.8	2	2.9	8	11.7
<b>2016</b>	<b>10</b>	<b>13.1</b>	<b>7</b>	<b>9.3</b>	<b>17</b>	<b>22.3</b>	<b>4</b>	<b>5.3</b>	<b>11</b>	<b>14.6</b>	-	-	<b>11</b>	<b>14.6</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



115  
ISLAND OF RODRIGUES

**ESTIMATED MID-YEAR RESIDENT POPULATION BY AGE AND SEX - 2016**

AGE-GROUP (years)	MALE		FEMALE		BOTH SEXES	
	Number	%	Number	%	Number	%
UNDER 1	341	1.6	377	1.8	718	1.7
1 - 4	1,411	6.8	1,373	6.4	2,784	6.6
5 - 9	1,899	9.1	1,872	8.7	3,771	8.9
10 - 14	2,118	10.2	2,075	9.7	4,193	9.9
15 - 19	1,937	9.3	1,906	8.9	3,843	9.1
20 - 24	1,658	8.0	1,765	8.2	3,423	8.1
25 - 29	1,322	6.4	1,399	6.5	2,721	6.4
30 - 34	1,479	7.1	1,566	7.3	3,045	7.2
35 - 39	1,615	7.8	1,691	7.9	3,306	7.8
40 - 44	1,339	6.4	1,379	6.4	2,718	6.4
45 - 49	1,202	5.8	1,270	5.9	2,472	5.8
50 - 54	1,121	5.4	1,161	5.4	2,282	5.4
55 - 59	1,054	5.1	1,028	4.8	2,082	4.9
60 - 64	745	3.6	739	3.4	1,484	3.5
65 - 69	549	2.6	539	2.5	1,088	2.6
70 - 74	412	2.0	511	2.4	923	2.2
75 - 79	304	1.5	380	1.8	684	1.6
80 - 84	162	0.8	257	1.2	419	1.0
85 & OVER	94	0.5	210	1.0	304	0.7
<b>ALL AGES</b>	<b>20,762</b>	<b>100.0</b>	<b>21,498</b>	<b>100.0</b>	<b>42,260</b>	<b>100.0</b>
UNDER 5	1,752	8.4	1,750	8.1	3,502	8.3
5 - 11	2,752	13.3	2,687	12.5	5,439	12.9
12 - 19	3,202	15.4	3,166	14.7	6,368	15.1
16 - 18	1,161	5.6	1,159	5.4	2,320	5.5
UNDER 15	5,769	27.8	5,697	26.5	11,466	27.1
UNDER 18	6,984	33.6	6,896	32.1	13,880	32.8
UNDER 21	8,034	38.7	7,995	37.2	16,029	37.9
15 - 49	10,552	50.8	10,976	51.1	21,528	50.9
15 - 59	12,727	61.3	13,165	61.2	25,892	61.3
15 - 64	13,472	64.9	13,904	64.7	27,376	64.8
12 & OVER	16,258	78.3	17,061	79.4	33,319	78.8
15 & OVER	14,993	72.2	15,801	73.5	30,794	72.9
16 & OVER	14,582	70.2	15,401	71.6	29,983	70.9
18 & OVER	13,778	66.4	14,602	67.9	28,380	67.2
21 & OVER	12,728	61.3	13,503	62.8	26,231	62.1
60 & OVER	2,266	10.9	2,636	12.3	4,902	11.6
65 & OVER	1,521	7.3	1,897	8.8	3,418	8.1
MEAN AGE	31.44		32.41		31.94	
MEDIAN AGE	28.83		29.89		29.38	
DEPENDENCY RATIO*	540.06		544.54		542.34	

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

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

	as at 31. 12. 2014			as at 31. 12. 2015			as at 31. 12. 2016		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Medical Officer (all grades)	19	4	23	22	4	26	21	4	25
Dental Surgeon	2	0	2	2	0	2	3	-	3
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 *	3	3	6	3	3	6	4	4	8
Charge Nurse */ward manager	19	19	38	19	19	38	19	20	39
Nursing Officer	50	45	95	53	55	108	52	51	103
Nursing Officer with Midwifery	-	2	2	-	2	2	-	3	3
Principal/Senior midwife	-	3	3	-	13	13	-	13	13
Midwife	-	22	22	-	12	12	-	12	12
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	2	3	5	2	3	5	1	4	5
Senior Medical Imaging Technologist	-	1	1	-	1	1	1	-	1
Medical Imaging Technologist	2	-	2	2	-	2	2	-	2
Radiographic Assistant/Senior R. A.	-	3	3	-	3	3	-	3	3
Principal Dispenser	1	-	1	1	-	1	1	-	1
Senior Dispenser	2	-	2	2	-	2	3	-	3
Dispenser	5	2	7	5	2	7	5	1	6
Physiotherapy Assistant	-	2	2	-	2	2	-	3	3
Senior Health Records Officer	1	-	1	1	-	1	1	-	1
Senior Health Records Clerk	-	1	1	-	1	1	-	1	1
Higher Health Records Clerk	-	3	3	-	3	3	-	3	3
Health Records Clerk	2	7	9	2	7	9	2	10	12
Statistical Assistant	-	1	1	-	1	1	-	1	1
Supervisor/Senior Sup. (Family Planning)	-	1	1	-	1	1	-	1	1
Community Health Care Officer	2	3	5	2	3	5	-	3	3
Health Care Assistant	-	4	4	-	4	4	-	4	4
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. 2014		as at 31. 12. 2015		as at 31. 12. 2016	
	NUMBER	POPULATION PER GRADE	NUMBER	POPULATION PER GRADE	NUMBER	POPULATION PER GRADE
Doctor	23	1,817	26	1,618	25	1,696
Dentist	2	20,894	2	21,029	3	14,132
Pharmacist@	2	20,894	2	21,029	2	21,198
Nurse and Midwife	171	244	185	227	183	232
Health Inspector	4	10,447	4	10,515	4	10,599
Laboratory Technologist	6	6,965	6	7,010	6	7,066
Medical Imaging Technologist	3	13,929	3	14,019	3	14,132
Dispenser	10	4,179	10	4,206	10	4,240
Health Records Staff	14	2,985	14	3,004	17	2,494

@ in the private sector

## ISLAND OF RODRIGUES

**SUMMARY OF WORK PERFORMED IN HOSPITAL/HEALTH CENTRES\* - 2016**

Institution	Number of beds	No. of admissions			Percentage Bed Occupancy					Number of Deaths	Number of Operations performed		
		Male	Female	Both Sexes	Quarter				Year		Minor	Major	Total
					1st	2nd	3rd	4th					
Q. Elizabeth Hospital	146	3,885	5,465	9,350	58.8	62.3	58.4	53.3	58.2	98	779	1,126	1,905
Mont Lubin H.C.	24	236	684	920	28.0	30.9	18.0	13.0	22.4	-	..	..	..
La Ferme H.C.	8 <sup>&amp;</sup>	164	412	576	16.2	10.7	10.4	3.4	11.5	-	..	..	..
T o t a l	178	4,285	6,561	10,846	48.8	51.3	46.6	45.0	47.6	98	779	1126	1,905

\* with in-patient services

&amp; Male and female wards closed for renovation

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

**WORK PERFORMED IN MATERNITY SECTIONS - 2016**

Institution	Deliveries				Outcome of Deliveries			Low Birthweight <sup>#</sup>		Stillbirth Rate *	% Caesarian Section
	Normal	Caesarian	Other <sup>@</sup>	Total	Stillbirths	Live births	Total births	Number	% Live births		
Q. Elizabeth Hospital	482	240	3	725	2	725	727	76	10.5	2.8	33.1
Mont Lubin H.C.	8	-	-	8	-	8	8	2	25.0	-	-
La Ferme H.C.	8	-	-	8	-	8	8	-	-	-	-
<b>T o t a l</b>	<b>498</b>	<b>240</b>	<b>3</b>	<b>741</b>	<b>2</b>	<b>741</b>	<b>743</b>	<b>78</b>	<b>10.5</b>	<b>2.7</b>	<b>32.4</b>

NB: Hospitals services reported a total of 746 births ( including 3 born before arrival)

<sup>@</sup> forceps delivery, breech delivery etc.<sup>#</sup> birthweight of less than 2,500 grammes<sup>\*</sup> per 1,000 total births**CASES REFERRED TO MAURITIUS BY QUEEN ELIZABETH HOSPITAL**

	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Number of patients	413	433	495	443
<i>of whom accompanied by:</i>				
Nursing Officer	107	135	176	146
Relative	295	331	440	400

## ISLAND OF RODRIGUES

**OUT-PATIENT ATTENDANCES – 2016**

INSTITUTION	Number of out-patient attendances			
	Accident & Emergency/unsorted OPD <sup>#</sup>	Sorted OPD <sup>#</sup>	Other *	TOTAL
<u>HOSPITAL</u>				
QUEEN ELIZABETH II	43,692	22,322	9,186	75,200
<u>HEALTH CENTRES</u>				
MONT LUBIN	37,350	12,158	22,837	72,345
LA FERME	28,952	8,535	10,407	47,894
<b>T o t a l</b>	<b>109,994</b>	<b>43,015</b>	<b>42,430</b>	<b>195,439</b>

\* Follow up for injections , dressings etc.

# seen by doctor

**ATTENDANCES FOR TREATMENT OF COMMON DISEASES AND INJURIES AT COMMUNITY HEALTH CENTRES – 2016**

<b><i>C E N T R E</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	31	47	42	50	170
BAIE AUX HUITRES	1,249	1,346	1,195	1,206	4,996
BAIE TOPAZE	427	465	442	414	1,748
CASCADE JEAN-LOUIS	401	453	320	334	1,508
GRAND BAIE	194	274	173	222	863
MALARTIC	238	234	205	236	913
MANGUES	1,317	1,316	1,258	1,143	5,034
PETIT GABRIEL	2,810	2,828	2,992	2,635	11,265
PORT SUD EST	2,319	1,658	1,787	1,012	6,776
RIVIERE COCOS	1,057	965	928	850	3,800
ROCHE BON DIEU	597	640	658	717	2,612
SOUPIRS	446	422	481	522	1,871
BATATRAN	430	570	449	367	1,816
MONTAGNE GOYAVE	399	421	518	397	1,735
<b>T O T A L</b>	<b>11,915</b>	<b>11,639</b>	<b>11,448</b>	<b>10,105</b>	<b>45,107</b>

**ACTIVITIES CARRIED OUT AT QUEEN ELIZABETH HOSPITAL-2016**

**A. PHYSIOTHERAPY DEPARTMENT**

CASES SEEN		NUMBER		
		Male	Female	Total
IN-PATIENT <sup>#</sup>	New cases	152	154	306
	Follow-up	543	377	920
	Total cases	695	531	1,226
OUT-PATIENT	First Attendances	416	533	949
	Subsequent Attendances	1,425	1,838	3,263
	Total Attendances	1,841	2,371	4,212

# in wards or at the physiotherapy unit

**B. RADIOLOGICAL DEPARTMENT**

EXAMINATIONS		NUMBER
GENERAL PROCEDURES	Extremities	6,061
	Chest	3,826
	Spine	1,708
	Abdomen	1,034
	Skull	2,275
PROCEDURES WITH BARIUM	Meal	2
	Swallow	1
	Enema	4
SPECIAL PROCEDURES (including intravenous pyelography, urethrography, hysterosalpingography and cholecystography)		23
TOTAL *		14,934

\* The 14,934 examinations were carried out on 12,363 patients.

**C. HAEMODIALYSIS UNIT**

DETAIL	NUMBER
Dialysis done on patients <sup>@</sup>	3,440
Patients as at end of year	26

@ during 642 sessions

## STATISTICS RELATING TO MATERNAL AND CHILD HEALTH ACTIVITIES - 2016

<b><u>REGISTRATION OF GESTATIONAL AGE AT FIRST ATTENDANCE FOR ANTENATAL TREATMENT</u></b>	Number	%
3 months or less	368	43.4
Between 3 and 6 months	378	44.6
6 months and over	101	12.0
<b>TOTAL FIRST ATTENDANCES</b>	<b>847</b>	<b>100.0</b>

<b><u>FIRST DETERMINATION OF HAEMOGLOBIN LEVEL OF ANTENATAL CASES</u></b>		%
below 9.0	30	3.6
9.0 to 9.9	54	6.5
10.0 to 10.9	184	22.0
11.0 to 11.9	259	31.0
12.0 or above	309	37.0
<b>TOTAL</b>	<b>836</b>	<b>100.0</b>

<b><u>EXAMINATIONS CARRIED OUT AT CLINIC</u></b>	
ANTENATAL EXAMINATIONS BY MIDWIFE/NURSE	
First attendances	847
Subsequent attendances	6,371
ANTENATAL EXAMINATIONS BY DOCTOR*	
First attendances	847
Subsequent attendances	6,389
POSTNATAL EXAMINATIONS BY DOCTOR	
First attendances	673
Subsequent attendances	637
CHILDREN SEEN FOR GROWTH MONITORING	
Number of attendances	5,794
<i>of whom reported underweight</i>	<i>Nil</i>
<i>of whom reported overweight</i>	<i>Nil</i>
EXAM. OF CHILDREN UNDER 5 YEARS BY DOCTOR#	
First attendances	507
Subsequent attendances	1,272
<b>TOTAL ATTENDANCES</b>	<b>23,337</b>

\* of which 868 were referred to hospital

# figures are estimates based on attendances for cash gifts

**STATISTICS RELATING TO EXPANDED PROGRAMME ON IMMUNIZATION - 2016**

<b>EXPANDED PROGRAMME ON IMMUNIZATION</b>		
<b><u>BABIES</u></b>		
	B.C.G.	720
	M.M.R.	629
D.P.T. & H.I.B, HEP. B,O.P.V/IPV:	1 <sup>st</sup> dose	755
	2 <sup>nd</sup> dose	728
	3 <sup>rd</sup> dose* (excluding Hep B)	726
	3 <sup>rd</sup> dose	278
HEPATITIS B	Booster dose (excl.Hep B)	531
ROTAVIRUS*	1 <sup>st</sup> dose	745
	2 <sup>nd</sup> dose	715
PNEUMOCOCCAL@	1 <sup>st</sup> dose	522
	2 <sup>nd</sup> dose	410
	3 <sup>rd</sup> dose	86
D.T, O.P.V & HEP.B:	1 <sup>st</sup> dose	-
	2 <sup>nd</sup> dose	-
	3 <sup>rd</sup> dose	-
	Booster dose (excl. Hep B)	-
<b>TOTAL ATTENDANCES</b>		<b>6,845</b>
<b><u>PREGNANT WOMEN</u></b>		
TETANUS TOXOID:	1 <sup>st</sup> dose	590
	2 <sup>nd</sup> dose	507
	Booster dose (1 year after 2nd dose)	35
<b>TOTAL ATTENDANCES</b>		<b>1,132</b>

\* started in March 2015

@ started in June 2016

**ACTIVITIES RELATING TO BASIC SANITATION AND FOOD HYGIENE -2016**

ACTIVITIES	NUMBER
<b>BASIC SANITATION</b>	
No. of premises and other sites inspected	1,540
No. of notices issued	153
No. of sanitary contraventions	-
No. of cases sentenced	-
<b>FOOD HYGIENE</b>	
No. of inspections carried out	5,542
Foodstuffs units for consumption seized and destroyed/disposed (kg)*	2,202
No. of contraventions	-
No. of cases sentenced	-
<b>INSPECTION OF PUBLIC PLACES</b>	
Cinema hall & other entertainment places	136
Dormitories ( including Boarding Houses)	558
Industrial establishments	139
Hospitals/Health Centres & Schools	328
<b>OTHER</b>	
No. of passengers put under surveillance for: <i>malaria</i>	1,514
No of passengers visited for chikungunya and dengue	15,048
No. of times given pratique to ships/aircrafts	269

\* excluding liquid food

## ISLAND OF RODRIGUES

**TABLE A: ATTENDANCES AT DENTAL CLINICS 2012 – 2016**

Attendances	Number				
	2012	2013	2014	2015	2016
Cases seen by dentists:					
Children < 5 years	583	532	525	526	657
Children aged 5-11 years	3,107	3,520	4,390	3,552	3,490
Persons aged 12 years & above	11,003	10,528	12,106	11,690	12,724
<b>SUBTOTAL</b>	<b>14,693</b>	<b>14,580</b>	<b>17,021</b>	<b>15,768</b>	<b>16,871</b>
Cases seen by specialists:					
Orthodontists	245	267	389	456	372
Oral Surgeons	109	113	176	163	113
<b>TOTAL ATTENDANCES</b>	<b>15,047</b>	<b>14,960</b>	<b>17,586</b>	<b>16,387</b>	<b>17,356</b>

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

Dental care	Number				
	2012	2013	2014	2015	2016
<b><u>EXTRACTION AND TOOTH RESTORATION</u></b>					
Deciduous teeth extracted	3,115	2,445	2,392	1,996	2,440
<u>Schoolchildren</u>					
Temporary fillings inserted in : deciduous teeth	22	244	121	107	94
permanent teeth	162	127	105	67	88
Permanent fillings inserted : Amalgam	402	1,011	818	723	582
Composite	23	13	36	25	15
Permanent teeth extracted	154	134	191	93	93
<u>Adults</u>					
Temporary fillings inserted	1,188	1,180	1,482	1,600	1,663
Permanent fillings inserted : Amalgam	1,989	1,374	1,401	1,287	1,312
Composite	647	472	605	549	591
Teeth extracted	4,432	3,817	3,561	3,804	4,230
<b><u>OTHER DENTAL CARE</u></b>					
Treatment of paradontal disease (scaling)	451	413	492	376	446
Treatment of dental abscess	680	697	1,339	940	1,055
Surgical operations on jaws and surgical extractions	514	351	318	178	173
Application of pit and fissure sealants	543	77	183	500	-
Endodontic treatment	143	166	143	125	156

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

**TABLE C: ORTHODONTIC ACTIVITY**

ACTIVITY	Number				
	2012	2013	2014	2015	2016
No of impressions taken	42	39	60	49	46
No of appliances delivered	40	39	56	47	46
No of appliances repaired	2	-	-	-	-



## ISLAND OF RODRIGUES

## DISTRIBUTION OF CERTAIN NOTIFIABLE DISEASES REPORTED TO SANITARY AUTHORITIES 2001 – 2016

DISEASE YEAR	HIV/AIDS <sup>@</sup>	AMOEBIASIS	FOOD POISONING <sup>*</sup>	GONORRHOEA <sup>#</sup>	HEPATITIS <sup>#</sup>		LEPROSY	LEPTOSPIROSIS	MALARIA (IMPORTED)	MEASLES	MENINGITIS <sup>#</sup>	SYPHILIS <sup>#</sup>	TUBERCULOSIS <sup>*</sup>	
					B	C							PULMONARY	OTHER
2001	-	-	15	::	...	...	-	-	1	-	-	::	-	-
2002	-	-	4	::	...	...	-	-	-	-	-	::	1	-
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	-	-
<b>2016</b>	<b>7</b>	<b>-</b>	<b>36</b>	<b>19</b>	<b>21</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>55</b>	<b>-</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

**CERTAIN PRINCIPAL CAUSES OF DISCHARGES FROM HOSPITAL AND HEALTH CENTRES - 2016**

(The distribution of discharges by I.C.D. Chapter is on page 125)

CAUSE (ICD-10)	DISCHARGES			
	MALE	FEMALE	TOTAL	
			No.	%
1 Complications of pregnancy, childbirth and the puerperium	-	826	826	7.9
2 Delivery without mention of complications	-	604	604	5.8
3 Injuries (Crushing & superficial injuries, fractures, open wounds, dislocations, sprains & strains)	418	158	576	5.5
4 Diabetes mellitus	185	276	461	4.4
5 Acute upper respiratory infections	174	183	357	3.4
6 Bronchitis (chronic and unspecified, emphysema, and asthma)	158	161	319	3.1
7 Hypertensive disease	130	176	306	2.9
8 Gastritis and duodenitis	127	147	274	2.6
9 Nausea and vomiting	118	117	235	2.3
10 Ill-defined intestinal infections (colitis, enteritis, gastro-enteritis, diarrhoea)	100	126	226	2.2
11 Epilepsy	154	68	222	2.1
12 Heart diseases #	128	88	216	2.1
13 Cellulitis and abscess	103	94	197	1.9
14 Abdominal pain	82	99	181	1.7
15 Dorsopathies including spondylopathies	67	84	151	1.5
16 Poisonings and toxic effects	87	62	149	1.4
17 Anaemias	42	100	142	1.4
18 Complications following spontaneous and other abortions	-	132	132	1.3
19 Fever (Pyrexia) of unknown origin	68	58	126	1.2
20 Malaise and fatigue	42	82	124	1.2
21 Diseases of eye and adnexa	59	57	116	1.1
22 Convulsions	65	39	104	1.0
23 Cerebrovascular disease	49	44	93	0.9
24 Non-dependent abuse of alcohol	56	3	59	0.6
25 Symptoms involving heart beat & cardiac murmurs	22	36	58	0.6
26 Alcohol dependence syndrome	53	4	57	0.5
27 Appendicitis	24	25	49	0.5
28 Symptoms involving urinary system	41	6	47	0.5
29 Headache	5	37	42	0.4
30 Non-inflammatory disorders of vagina	-	39	39	0.4
31 Dyspnoea and other abnormalities of breathing	16	20	36	0.3
32 Rheumatism, unspecified	10	15	25	0.2
33 Chest pain	11	8	19	0.2
34 Gout	17	2	19	0.2
All other causes	1,579	2,224	3,803	36.6
<b>TOTAL</b>	<b>4,190</b>	<b>6,200</b>	<b>10,390</b>	<b>100.0</b>

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

125  
ISLAND OF RODRIGUES  
**DISCHARGES FROM HOSPITAL AND HEALTH CENTRES**  
**BY I.C.D. (10th REVISION) CHAPTER AND SEX – 2016**

CHAPTER (I.C.D. 10th Revision )	DISCHARGES			
	MALE	FEMALE	TOTAL	
			No.	%
1. Certain infectious & parasitic diseases	196	147	343	3.3
2. Neoplasms	67	214	281	2.7
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	51	106	157	1.5
4. Endocrine, nutritional & metabolic diseases	200	326	526	5.1
5. Mental & behavioural disorders	236	187	423	4.1
6. Diseases of the nervous system	185	112	297	2.9
7. Diseases of the eye & adnexa	59	57	116	1.1
8. Diseases of the ear & mastoid process	20	24	44	0.4
9. Diseases of the circulatory system	355	344	699	6.7
10. Diseases of the respiratory system	501	521	1,022	9.8
11. Diseases of the digestive system	371	326	697	6.7
12. Diseases of the skin & subcutaneous tissue	165	164	329	3.2
13. Diseases of the musculoskeletal system & connective tissue	148	197	345	3.3
14. Diseases of the genitourinary system	218	505	723	7.0
15. Pregnancy, childbirth & the puerperium	-	1,562	1,562	15.0
16. Certain conditions originating in the perinatal period	116	126	242	2.3
17. Congenital malformations, deformations & chromosomal abnormalities	26	13	39	0.4
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	622	699	1,321	12.7
19. Injury, poisoning & certain other consequences of external causes	593	300	893	8.6
20. Factors influencing health status & contact with health services	61	270	331	3.2
<b>TOTAL</b>	<b>4,190</b>	<b>6,200</b>	<b>10,390</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 - 2016**

	CAUSE (I.C.D. 10TH REVISION)	MALE	FEMALE	TOTAL	
				No.	%
1	Tonsillitis, laryngitis, nasopharyngitis (common cold), sore throat, URTI	840	1,104	1,944	16.4
2	Cough, pain in throat, chest pain, wheezing, hiccup, sneezing	524	735	1,259	10.6
3	Fever / pain all over	414	490	904	7.6
4	Influenza	344	436	780	6.6
5	Gastroenteritis and diarrhoea of presumed infectious origin	281	338	619	5.2
6	Sinusitis, rhinitis, nasal polyp, blocked nose	221	295	516	4.4
7	Abdominal and epigastric pain	241	201	442	3.7
8	Helminthiasis (worms).	201	224	425	3.6
9	Gout, arthritis, pain in joint	202	189	391	3.3
10	Gastritis and duodenitis	236	148	384	3.2
11	Superficial injury, open wound, sprain/strain, fractures, burns and other injuries	229	155	384	3.2
12	Headache, dizziness, giddiness	132	202	334	2.8
13	Dermatitis, eczema, itching, ingrowing nail, acne, vitiligo and other diseases of the skin and subcutaneous tissue (excluding skin abscess etc - see below)	144	183	327	2.8
14	Nausea and vomiting	103	182	285	2.4
15	Spondylosis, neck pain, low back pain, backache	139	143	282	2.4
16	Scabies.	124	115	239	2.0
17	Conjunctivitis	103	126	229	1.9
18	Rheumatism, muscular pain, myalgia, pain in limb	105	110	215	1.8
19	Cystitis, urinary tract infection	86	124	210	1.8
20	Vaginitis, bleeding PV, leukorrhoea, menstrual disorders	-	195	195	1.6
21	Malaise, fatigue, weakness, blackout, fainting and other symptoms and signs	53	127	180	1.5
22	Otitis, wax in ear, earache and other diseases of the ear and mastoid process	61	77	138	1.2
23	Localised swelling, mass, lump of skin, rash	68	67	135	1.1
24	Indigestion, constipation, irritable bowel syndrome, anal / rectal abscess	73	59	132	1.1
25	Bronchitis, emphysema, asthma	56	55	111	0.9
26	Skin abscess, boil, cellulitis, cyst, septic leg (non-diabetic)	53	51	104	0.9
27	Swelling gum, gingivitis, dental caries, stomatitis, disease of lip	53	30	83	0.7
28	Anemias	10	60	70	0.6
29	Malnutrition and other nutritional deficiencies	20	20	40	0.3
30	Hypertension	18	21	39	0.3
	All other causes	175	276	451	3.8
	<b>TOTAL</b>	<b>5,309</b>	<b>6,538</b>	<b>11,847</b>	<b>100.0</b>

**FIRST ATTENDANCES AT COMMUNITY HEALTH CENTRES FOR THE TREATMENT  
OF COMMON DISEASES AND INJURIES  
BY I.C.D. CHAPTER AND SEX – 2016**

CHAPTER (I.C.D. 10th REVISION)	FIRST ATTENDANCES			
	MALE	FEMALE	TOTAL	
			No.	%
1. Certain infectious & parasitic diseases	608	680	1,288	10.9
2. Neoplasms	-	1	1	0.0
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	12	60	72	0.6
4. Endocrine, nutritional & metabolic diseases	31	36	67	0.6
5. Mental & behavioural disorders	3	10	13	0.1
6. Diseases of the nervous system	31	84	115	1.0
7. Diseases of the eye & adnexa	144	176	320	2.7
8. Diseases of the ear & mastoid process	61	77	138	1.2
9. Diseases of the circulatory system	53	73	126	1.1
10. Diseases of the respiratory system	1,470	1,902	3,372	28.5
11. Diseases of the digestive system	370	248	618	5.2
12. Diseases of the skin & subcutaneous tissue	197	234	431	3.6
13. Diseases of the musculoskeletal system & connective tissue	450	453	903	7.6
14. Diseases of the genitourinary system	100	338	438	3.7
15. Pregnancy, childbirth & the puerperium	-	-	-	0.0
16. Certain conditions originating in the perinatal period	1	-	1	0.0
17. Congenital malformations, deformations & chromosomal abnormalities	1	-	1	0.0
18 Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	1,546	2,011	3,557	30.0
19 & Injury, poisoning & certain other consequences of 20 external causes	231	155	386	3.3
<b>TOTAL</b>	<b>5,309</b>	<b>6,538</b>	<b>11,847</b>	<b>100.0</b>

128  
ISLAND OF RODRIGUES  
**EARLY NEONATAL DEATHS - 2016**  
( Deaths under one week [ age group 0 - 6 days ] )

CAUSE ( I.C.D. 10 )	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Birth asphyxia	-	1	1	14.3
Respiratory distress syndrome	-	1	1	14.3
Congenital malformation of heart	1	-	1	14.3
Neonatal cardiac failure	1	-	1	14.3
Osteogenesis imperfecta	-	1	1	14.3
Multiple congenital malformations	1	1	2	28.6
<b>TOTAL EARLY NEONATAL DEATHS</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>100.0</b>

**LATE NEONATAL DEATHS - 2016**  
( Deaths between one and four weeks [ age group 7 - 27 days ] )

CAUSE (ICD-10)	NUMBER OF DEATHS		
	MALE	FEMALE	TOTAL
Aspiration pneumonia	1	-	1
Respiratory distress syndrome	2	-	2
Congenital malformation of heart	-	1	1
<b>Total Late Neonatal Deaths</b>	<b>3</b>	<b>1</b>	<b>4</b>

**POST-NEONATAL DEATHS – 2016**  
( Deaths between four weeks and one year [ age group 28 - 364 days ] )

CAUSE ( I.C.D. 10 )	NUMBER OF DEATHS		
	MALE	FEMALE	TOTAL
<b>Total Post Neonatal Deaths</b>	<b>-</b>	<b>-</b>	<b>-</b>

**INFANT DEATHS – 2016**  
( Deaths under one year [ age group 0 - 364 days ] )

CAUSE ( I.C.D. 10 )	NUMBER OF DEATHS			
	MALE	FEMALE	TOTAL	
			No.	%
Birth asphyxia	-	1	1	9.1
Respiratory distress syndrome	2	1	3	27.3
Congenital malformation of heart	1	1	2	18.2
Neonatal cardiac failure	1	-	1	9.1
Aspiration pneumonia	1	-	1	9.1
Osteogenesis imperfecta	-	1	1	9.1
Multiple congenital malformations	1	1	2	18.2
<b>TOTAL INFANT DEATHS</b>	<b>6</b>	<b>5</b>	<b>11</b>	<b>100.0</b>

129  
ISLAND OF RODRIGUES

**CHILD<sup>®</sup> DEATHS - 2016**

CAUSE (I.C.D 10)	NUMBER OF DEATHS		
	Male	Female	Total
Child deaths	-	-	-
<b>Total</b>	-	-	-

<sup>⊗</sup> aged 1-4 years

**INFANT ( UNDER ONE YEAR) DEATHS BY SEX AND DETAILED AGE - 2016**

AGE AT DEATH	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Under 1 day	2	33	1	20.0	3	27.3
1 day	-	-	2	40.0	2	18.2
2 days	1	16.7	-	-	1	9.1
3 days	-	-	-	-	-	0.0
4 days	-	-	1	20.0	1	9.1
5 days	-	-	-	-	-	0.0
6 days	-	-	-	-	-	0.0
<b>Sub-total 0 - 6 days</b>	<b>3</b>	<b>50.0</b>	<b>4</b>	<b>80.0</b>	<b>7</b>	<b>63.6</b>
7 - 13 days	2	33.3	-	-	2	18.2
14 - 20 days	1	16.7	-	-	1	9.1
21 - 27 days	-	-	1	20.0	1	9.1
<b>Sub-total 0 - 27 days</b>	<b>6</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>
28 - 59 days	-	-	-	-	-	-
2 months	-	-	-	-	-	-
3 months	-	-	-	-	-	-
4 months	-	-	-	-	-	-
5 months	-	-	-	-	-	-
<b>Sub-total under 6 months</b>	<b>6</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>
6 months	-	-	-	-	-	-
7 months	-	-	-	-	-	-
8 months	-	-	-	-	-	-
9 months	-	-	-	-	-	-
10 months	-	-	-	-	-	-
11 months	-	-	-	-	-	-
<b>TOTAL UNDER ONE YEAR</b>	<b>6</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>

**SELECTED CAUSES OF DEATH (ALL AGES) – 2016**

	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
Acute myocardial infarction and other ischaemic heart diseases	24	18.8	15	11.9	39	15.4
Heart Failures	2	1.6	7	5.6	9	3.5
Cardiac Arrest	2	1.6	4	3.2	6	2.4
Pulmonary heart disease	-	-	-	-	-	-
Other heart diseases	1	0.8	6	4.8	7	2.8
Cerebrovascular disease	19	14.8	21	16.7	40	15.7
Hypertensive disease	5	3.9	9	7.1	14	5.5
Diabetes mellitus	10	7.8	24	19.0	34	13.4
Malignant neoplasm of trachea, bronchus and lung	3	2.3	1	0.8	4	1.6
Malignant neoplasm of breast	-	-	8	6.3	8	3.1
Malignant neoplasm of stomach	-	-	1	0.8	1	0.4
Malignant neoplasm of uterus (inc. cervix uteri)	-	-	2	1.6	2	0.8
Malignant neoplasm of hepatocellular	2	1.6	1	0.8	3	1.2
Malignant neoplasm of lip, oral cavity and pharynx	2	1.6	-	-	2	0.8
Malignant neoplasm of pancreas	-	-	1	0.8	1	0.4
Malignant neoplasm of prostate	1	0.8	-	-	1	0.4
Pneumonia	2	1.6	-	-	2	0.8
Asthma	1	0.8	1	0.8	2	0.8
Pulmonary oedema	-	-	-	-	-	-
Chronic obstructive airway disease	2	1.6	1	0.8	3	1.2
Land Transport Accidents	-	-	-	-	-	0.0
Suicide	8	6.3	-	-	8	3.1
Homicide	-	-	-	-	-	-
Accidental drowning and submersion	2	1.6	-	-	2	0.8
Diseases of liver (inc. alcoholic cirrhosis)	4	3.1	-	-	4	1.6
Renal failures	2	1.6	1	0.8	3	1.2
Senility	3	2.3	-	-	3	1.2
Septicaemia unspecified	2	1.6	1	0.8	3	1.2
Gastrointestinal haemorrhage unspecified	4	3.1	1	0.8	5	2.0
All other causes	27	21.1	21	16.7	48	18.9
<b>T O T A L</b>	<b>128</b>	<b>100.0</b>	<b>126</b>	<b>100.0</b>	<b>254</b>	<b>100.0</b>



## ISLAND OF RODRIGUES

## DEATHS (ALL AGES) BY I.C.D. CHAPTER AND SEX - 2016

CAUSE ( ICD - 10 )	DEATHS					
	MALE		FEMALE		TOTAL	
	No.	%	No.	%	No.	%
1. Certain infectious & parasitic diseases	3	2.3	1	0.8	4	1.6
2. Neoplasms	11	8.6	18	14.3	29	11.4
3. Diseases of the blood & blood-forming organs and certain disorders involving the immune mechanism	1	0.8	-	-	1	0.4
4. Endocrine, nutritional & metabolic diseases	10	7.8	24	19.0	34	13.4
5. Mental & behavioural disorders	1	0.8	-	-	1	0.4
6. Diseases of the nervous system	5	3.9	3	2.4	8	3.1
7. Diseases of the eye & adnexa	-	-	-	-	-	-
8. Diseases of the ear & mastoid process	-	-	-	-	-	-
9. Diseases of the circulatory system	54	42.2	62	49.2	116	45.7
10. Diseases of the respiratory system	11	8.6	6	4.8	17	6.7
11. Diseases of the digestive system	8	6.3	1	0.8	9	3.5
12. Diseases of the skin & subcutaneous tissue	1	0.8	3	2.4	4	1.6
13. Diseases of the musculoskeletal system & connective tissue	-	-	-	-	-	-
14. Diseases of the genitourinary system	5	3.9	1	0.8	6	2.4
15. Pregnancy, childbirth & the puerperium	-	-	-	-	-	-
16. Certain conditions originating in the perinatal period	3	2.3	2	1.6	5	2.0
17. Congenital malformations, deformations & chromosomal abnormalities	2	1.6	3	2.4	5	2.0
18. Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	3	2.3	-	-	3	1.2
19. Injury, poisoning & certain other consequences of external causes	10	7.8	2	1.6	12	4.7
<b>TOTAL</b>	<b>128</b>	<b>100.0</b>	<b>126</b>	<b>100.0</b>	<b>254</b>	<b>100.0</b>

132  
ISLAND OF RODRIGUES

**DISTRIBUTION OF DEATHS BY AGE-GROUP AND SEX, AND AGE-SPECIFIC DEATH RATES**  
PER 1,000 MID-YEAR RESIDENT POPULATION - 2016

AGE-GROUP (years)	DEATHS					DEATH RATES		
	MALE	FEMALE	BOTH SEXES			MALE	FEMALE	BOTH SEXES
	Number	Number	Number	Percentage	Cumulative Percentage			
Under 1	6	5	11	4.3	4.3	17.6	13.3	15.3
1 - 4	-	-	-	0.0	4.3	0.0	0.0	0.0
5 - 9	-	-	-	0.0	4.3	0.0	0.0	0.0
10 - 14	-	-	-	0.0	4.3	0.0	0.0	0.0
15 - 19	-	-	-	0.0	4.3	0.0	0.0	0.0
20 - 24	1	1	2	0.8	5.1	0.6	0.6	0.6
25 - 29	4	1	5	2.0	7.1	3.0	0.7	1.8
30 - 34	3	-	3	1.2	8.3	2.0	0.0	1.0
35 - 39	2	3	5	2.0	10.2	1.2	1.8	1.5
40 - 44	3	2	5	2.0	12.2	2.2	1.5	1.8
45 - 49	4	2	6	2.4	14.6	3.3	1.6	2.4
50 - 54	8	7	15	5.9	20.5	7.1	6.0	6.6
55 - 59	9	7	16	6.3	26.8	8.5	6.8	7.7
60 - 64	10	10	20	7.9	34.6	13.4	13.5	13.5
65 - 69	17	5	22	8.7	43.3	31.0	9.3	20.2
70 - 74	16	19	35	13.8	57.1	38.8	37.2	37.9
75 - 79	16	18	34	13.4	70.5	52.6	47.4	49.7
80 - 84	16	16	32	12.6	83.1	98.8	62.3	76.4
85 & over	13	30	43	16.9	100.0	138.3	142.9	141.4
ALL AGES	128	126	254	100.0		6.2	5.9	6.0

## GLOSSARY

<b>REPULIC 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).

## GLOSSARY

<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.
<b>FERTILITY RATES</b>	
<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.

## GLOSSARY

<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.

## GLOSSARY

<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.

## GLOSSARY

**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.
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**OTHER RATES**

<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>CRUDE MARRIAGE RATE</b>	The number of persons civilly married during a calendar year, divided by the estimated mid-year population, and multiplied by 1,000; expressed per 1,000 mid-year population.
<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

