

# POPULATION AND VITAL STATISTICS

## REPUBLIC OF MAURITIUS, YEAR 2013

### 1. Introduction

This issue of Economic and Social Indicators presents population estimates as at 31 December 2012 and 2013 based on 2011 Population Census data as well as vital statistics and rates for years 2012 and 2013. The vital rates for year 2012 are revised figures. This publication also includes revised population estimates and vital rates for year 2011 at Annex 1.

Definitions of terms used are given at Annex 2.

#### *Notes to users*

The 2011 Census enumerated 1,236,817 residents as at mid 2011. Due to an under-enumeration of children by an estimated 15,587, the population enumerated at the census has been adjusted to 1,252,404.

The official estimate of resident population at mid 2011 is now 1,252,404, lower than the previous official estimate of 1,286,051 based on 2000 Census data. The difference is explained by:

- a change in the definition of 'resident' used at the 2011 Census (see Annex 2): According to the new definition, an estimated 15,300 persons, included in the previous official estimates, have been excluded from the count of residents at the 2011 Census, and
- a revised estimate of emigration of residents (20,334) during the intercensal period 2000 to 2011.

Details on the evaluation of the 2011 Census data are given in the Report on 'Population Data Evaluation on Statistics Mauritius website at

<http://statsmauritius.gov.mu/English/Documents/Census%20and%20Population%202011/volume2.pdf>

### 2. Key points

- The population of the Republic of Mauritius was estimated at 1,259,838 as at 31 December 2013, growing at a rate of 0.2% since end 2012.
- As at end 2013, the female population was higher than the male population by 12,894.
- In 2013, the population aged 0 to 14 years comprised 20.7 % of the total population. The population aged 15 to 64 years and that aged 65 years and over comprised 70.8 % and 8.5 % respectively of the total population.

- The dependency ratio (the child population under 15 years of age and the elderly population aged 65 years and above per 1,000 population aged 15 to 64 years) decreased from 416 in 2012 to 413 in 2013.
- The number of live births registered during year 2013 was 13,688 representing a decrease of 5.6% over the figure of 2012.
- The number of deaths registered in 2013 stood at 9,440, 1.0% higher than in 2012.
- The number of infant deaths decreased by 17.1% from 199 in 2012 to 165 in 2013.
- The number of still births decreased by 16.4%, from 140 in 2012 to 117 in 2013.
- The number of marriages registered in 2013 was 9,574, that is, 7.8% less than in 2012.

### 3. Estimated resident population

**Table 3.1 - Estimated resident population by sex, Republic of Mauritius, 31 December 2013**

Island	Both sexes	Male	Female	Sex ratio
Island of Mauritius	1,218,060	602,831	615,229	98.0
Island of Rodrigues	41,504	20,467	21,037	97.3
Agalega and St. Brandon	274	174	100	174.0
<b>Republic of Mauritius</b>	<b>1,259,838</b>	<b>623,472</b>	<b>636,366</b>	<b>98.0</b>

The estimated resident population of the Republic of Mauritius was 1,259,838 as at 31 December 2013. The female population was 636,366 compared to a male population of 623,472. There were 98.0 males for every 100 females.

The population was estimated at 1,218,060 and 41,504 respectively for the Island of Mauritius and the Island of Rodrigues. In both islands, females outnumbered males. However, Agalega and St Brandon, with an estimated population of 274, had more males (174) than females (100).

**Table 3.2 - Population density, Republic of Mauritius, 31 December 2013**

Island	Both sexes	Area (km <sup>2</sup> )	Density per km <sup>2</sup>
Island of Mauritius	1,218,060	1,865	653
Island of Rodrigues	41,504	104	399
Agalega and St. Brandon	274	71	4
<b>Republic of Mauritius</b>	<b>1,259,838</b>	<b>2,040</b>	<b>618</b>

The Republic of Mauritius, with a total land area of 2,040 km<sup>2</sup> had a population density of 618 persons per km<sup>2</sup> as at end 2013. Among its constituent islands, the Island of Mauritius had the highest density (653), followed by Rodrigues (399). The population density for the Republic of Mauritius increased from 616 in 2012 to 618 in 2013.

**Table 3.3 - Estimated resident population by sex, Republic of Mauritius, 2011 – 2013 (end of year estimates)**

Year	Both sexes	Male	Female	Sex ratio
2011	1,254,139	620,477	633,662	97.9
2012	1,257,490	622,289	635,201	98.0
2013	1,259,838	623,472	636,366	98.0

Comparative population estimates and sex ratios for the past three years are given in Table 3.3. From the year 2011 to 2013, the sex ratio remained at around 98.0.

#### 4. Population growth

**Table 4.1 - Population change, Republic of Mauritius, 31 December 2012 and 31 December 2013**

Island	Population		Change	
	31 December 2012	31 December 2013	Number	%
Island of Mauritius	1,216,133	<b>1,218,060</b>	1,927	0.2
Island of Rodrigues	41,083	<b>41,504</b>	421	1.0
Agalega and St. Brandon <sup>1</sup>	274	<b>274</b>	-	-
<b>Republic of Mauritius</b>	<b>1,257,490</b>	<b>1,259,838</b>	<b>2,348</b>	<b>0.2</b>

<sup>1/</sup> the figures for Agalega and St Brandon refer to the 2011 Population Census

The population of the Republic of Mauritius increased by 2,348 persons from 31 December 2012 to 31 December 2013. The population growth rate was thus 0.2 % during the 12-month period. The growth rate for the Island of Mauritius was also 0.2 %, whilst for Rodrigues it was around 1.0 %.

**Table 4.2 - Components of population growth, Republic of Mauritius<sup>1/</sup>, 2012 and 2013**

Components of population growth	2012	2013
<b>Resident population as at beginning of year</b>	<u>1,253,865</u>	<u>1,257,216</u>
Live Births	14,494	13,688
Deaths	9,343	9,440
Natural increase	<u>5,151</u>	<u>4,248</u>
Net international migration	-1,800	-1,900
<b>Resident population as at end of year</b>	<b>1,257,216</b>	<b>1,259,564</b>

<sup>1/</sup> excluding Agalega and St Brandon

Population growth has two components: natural increase (the number of births minus the number of deaths) and net international migration (net international movement of residents).

During the year 2013, the natural increase was 4,248, with births adding 13,688 babies and deaths removing 9,440 persons from the population. For the same period, net international migration of residents was estimated at -1,900 persons.

## 5. Age distribution of the population

**Table 5.1 - Estimated resident population<sup>1/</sup> by broad age group and sex – Republic of Mauritius<sup>2/</sup>, 1 July 2012 and 1 July 2013**

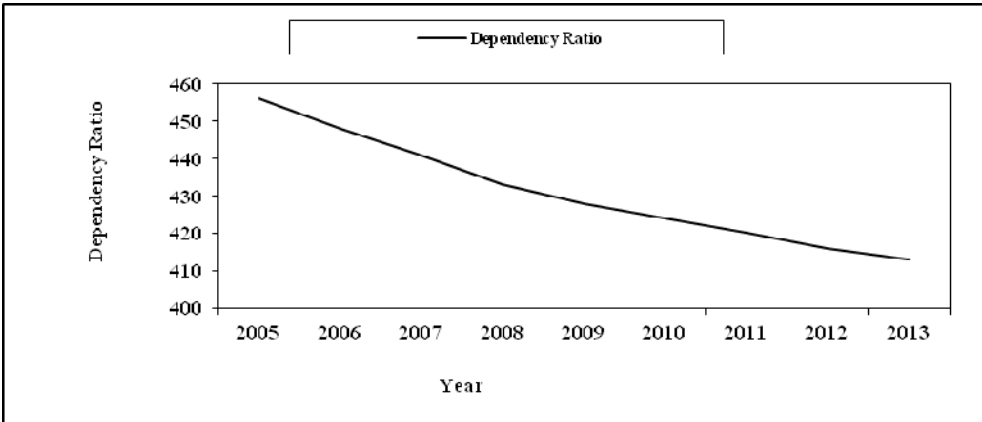
Age group (Years)	1st July 2012			1st July 2013		
	Male	Female	B. Sexes	Male	Female	B. Sexes
0	7,337	7,177	<b>14,514</b>	7,119	6,734	<b>13,853</b>
1 - 4	31,042	30,595	<b>61,637</b>	30,065	29,572	<b>59,637</b>
5 - 9	46,802	45,130	<b>91,932</b>	45,240	43,580	<b>88,820</b>
10 - 14	49,926	48,044	<b>97,970</b>	49,815	48,143	<b>97,958</b>
15 - 19	50,158	49,996	<b>100,154</b>	49,677	49,040	<b>98,717</b>
20 - 29	92,541	90,766	<b>183,307</b>	93,308	91,624	<b>184,932</b>
30 - 39	97,772	95,998	<b>193,770</b>	98,476	96,637	<b>195,113</b>
40 - 49	93,095	91,720	<b>184,815</b>	91,047	89,499	<b>180,546</b>
50 - 59	80,892	83,139	<b>164,031</b>	82,511	84,680	<b>167,191</b>
60-64	28,929	31,946	<b>60,875</b>	30,800	33,676	<b>64,476</b>
65+	42,803	60,074	<b>102,877</b>	44,803	62,607	<b>107,410</b>
<b>All ages</b>	<b>621,297</b>	<b>634,585</b>	<b>1,255,882</b>	<b>622,861</b>	<b>635,792</b>	<b>1,258,653</b>

<sup>1/</sup> based on 2011 Population Census data adjusted for underenumeration of children

<sup>2/</sup> excluding Agalega and St Brandon

The proportion of the population aged 0-14 years declined from 21.2% as at mid 2012 to 20.7%, one year later. In contrast, slight increases were registered in the proportion aged 15-64 years from 70.6% to 70.8 % and the proportion aged 65 years and above from 8.2 % to 8.5% during the same period. The overall effect was a decrease in the dependency ratio from 416 to 413 (Figure 5.1).

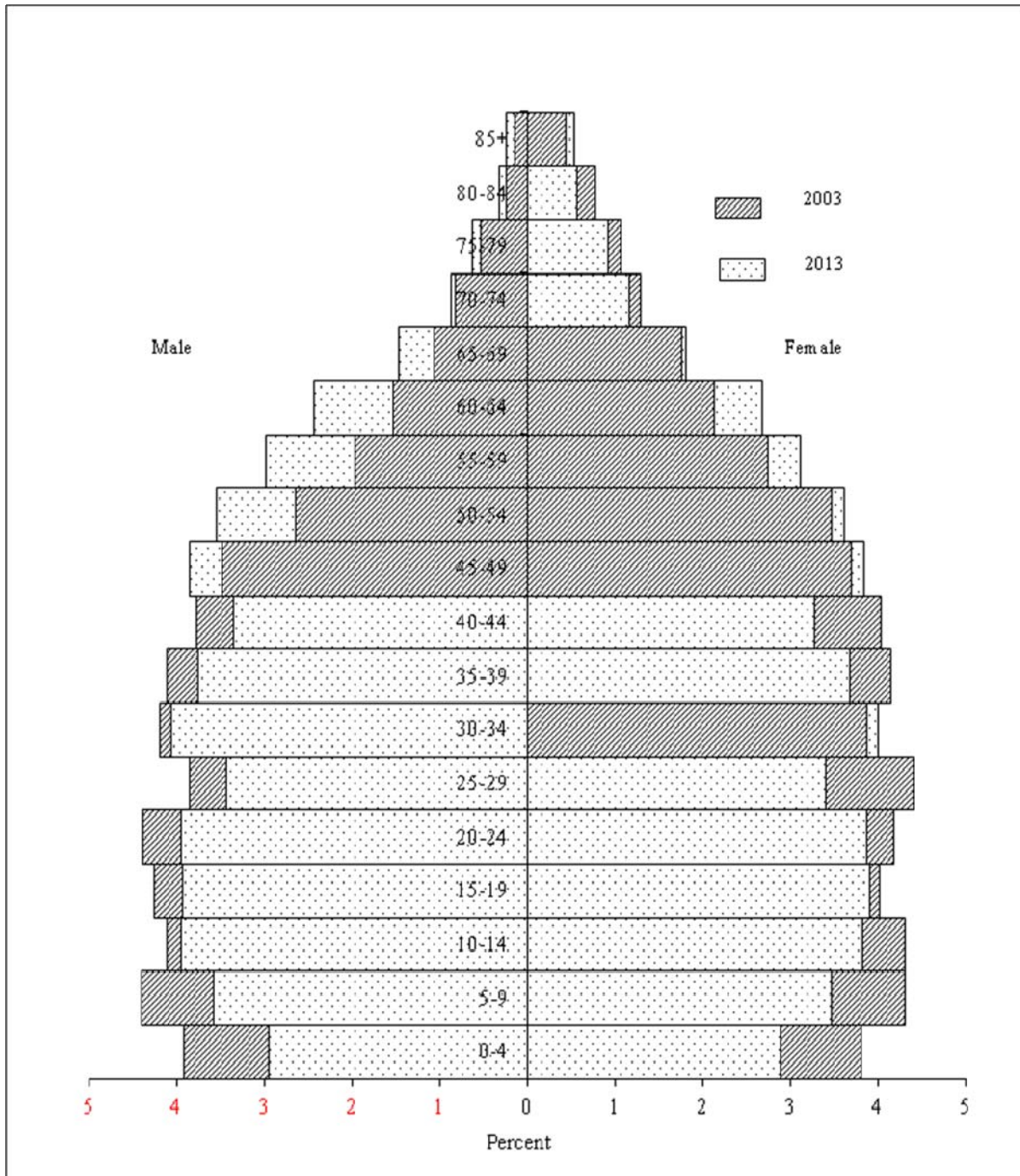
**Figure 5.1 - Dependency Ratio, 2005 – 2013**



The population pyramid in Figure 5.2 compares the age structure of the population between 2003 and 2013. The main changes observed over time are:

- the shrinking of the base of the pyramid due to falling fertility;
- the thickening of the upper body of the pyramid indicating an increase in expectation of life;
- the relatively longer bars on the female side of the pyramid around its apex indicating the predominance of females among the elderly.

**Figure 5.2 - Population pyramid – Republic of Mauritius, 2003 & 2013**



## 6 Vital statistics and rates

### 6.1: Live births and crude birth rate

**Table 6.1 - Live births registered and crude birth rate, Republic of Mauritius, 2012 and 2013<sup>1/</sup>**

Island	Number of live births registered		Crude birth rate	
	2012	2013	2012	2013
<b>Island of Mauritius</b>	13,766	12,986	11.3	10.7
<b>Island of Rodrigues</b>	728	702	17.4	17.0
<b>Republic of Mauritius</b>	<b>14,494</b>	<b>13,688</b>	<b>11.5</b>	<b>10.9</b>

<sup>1/</sup> Provisional

During the year 2013, 13,688 live births were registered in the Republic of Mauritius, representing a 5.6% fall over the 2012 figure of 14,494. The crude birth rate, i.e., the number of live births in a year per 1,000 mid-year population, fell from 11.5 in 2012 to 10.9 in 2013.

In the Island of Mauritius, the number of live births registered decreased from 13,766 in 2012 to 12,986 in 2013, bringing about a fall in the crude birth rate from 11.3 to 10.7. For the Island of Rodrigues, the number of live births decreased from 728 (rate of 17.4) in 2012 to 702 (rate of 17.0) in 2013.

### 6.2: Deaths and crude death rate

**Table 6.2 - Deaths and crude death rate, Republic of Mauritius, 2012 and 2013<sup>1/</sup>**

Island	Number of deaths registered		Crude death rate	
	2012	2013	2012	2013
<b>Island of Mauritius</b>	9,103	9,231	7.5	7.6
<b>Island of Rodrigues</b>	240	209	5.4	5.1
<b>Republic of Mauritius</b>	<b>9,343</b>	<b>9,440</b>	<b>7.4</b>	<b>7.5</b>

<sup>1/</sup> Provisional

The number of deaths registered in the Republic of Mauritius in 2013 was 9,440, representing a 1.0% increase over the figure of 9,343 for 2012. The crude death rate, i.e., the number of deaths in a year per 1,000 mid-year population was 7.4 in 2012 and 7.5 in 2013.

The Island of Mauritius registered an increase in the number of deaths, from 9,103 in 2012 (rate of 7.5) to 9,231 in 2013 (rate of 7.6). During the same period, the number of deaths in Rodrigues decreased from 240 (rate of 5.4) to 209 (rate of 5.1).

### 6.3: Infant deaths and Infant mortality rate

**Table 6.3 - Infant deaths and infant mortality rate, Republic of Mauritius, 2012 and 2013<sup>1/</sup>**

Island	Number of infant deaths registered		Infant mortality rate	
	2012	2013	2012	2013
<b>Island of Mauritius</b>	184	159	13.4	12.2
<b>Island of Rodrigues</b>	15	6	15.5	8.5
<b>Republic of Mauritius</b>	<b>199</b>	<b>165</b>	<b>13.7</b>	<b>12.1</b>

<sup>1/</sup> Provisional

During the year 2013, 165 infant deaths (deaths to children aged under one year) were registered in the Republic of Mauritius against 199 in 2012, representing a decrease of 17.1%. The infant mortality rate, defined as the number of infant deaths per 1,000 live births, decreased from 13.7 in 2012 to 12.1 in 2013.

The number of infant deaths in the Island of Mauritius was 184 in 2012 and 159 in 2013. The infant mortality rate decreased from 13.4 to 12.2 during that period. For Rodrigues, the number of infant deaths decreased from 15 in 2012 to 6 in 2013 and the infant mortality rate fell from 15.5 to 8.5 during the same period.



#### 6.4: Still births and still birth rate

**Table 6.4 - Still births and still birth rate, Republic of Mauritius, 2012 and 2013<sup>1/</sup>**

Island	Number of still births registered		Still birth rate	
	2012	2013	2012	2013
Island of Mauritius	132	114	9.5	8.7
Island of Rodrigues	8	3	6.5	4.3
<b>Republic of Mauritius</b>	<b>140</b>	<b>117</b>	<b>9.6</b>	<b>8.5</b>

<sup>1/</sup> Provisional

In 2013, 117 still births were registered in the Republic of Mauritius, which is 16.4% lower than the 2012 figure of 140. Consequently, the still birth rate which is the number of still births in a year per 1,000 total births during the year decreased from 9.6 in 2012 to 8.5 in 2013.

The Island of Mauritius registered 114 still births in 2013 against 132 in 2012, with the still birth rate falling from 9.5 in 2012 to 8.7 in 2013. In Rodrigues, 3 still births were registered in 2013 compared to 8 in 2012. The still birth rate fell from 6.5 in 2012 to 4.3 in 2013.

#### 6.5: Marriages and crude marriage rate

**Table 6.5 - Marriages and crude marriage rate, Republic of Mauritius, 2012 and 2013<sup>1/</sup>**

Island	Number of marriages registered		Marriage rate	
	2012	2013	2012	2013
Island of Mauritius	10,197	9,392	16.8	15.4
Island of Rodrigues	185	182	8.7	8.8
<b>Republic of Mauritius</b>	<b>10,382</b>	<b>9,574</b>	<b>16.5</b>	<b>15.2</b>

<sup>1/</sup> Provisional

The number of marriages registered in the Republic of Mauritius decreased by 7.8% from 10,382 in 2012 to 9,574 in 2013. The crude marriage rate, i.e., the number of persons married in a year per 1,000 mid-year population, fell from 16.5 to 15.2 during the same period.

The number of marriages in the Island of Mauritius decreased from 10,197 in 2012 (rate of 16.8) to 9,392 in 2013 (rate of 15.4). The Island of Rodrigues registered a decrease in the number of marriages from 185 in 2012 (rate of 8.7) to 182 in 2013 (rate of 8.8).

## **7. International Comparison**

Population growth rates for various countries in the world are published in the UN publication “The World Population Prospects 2012 Revision”. The figures indicate that the population growth rate for the Republic of Mauritius during the period 2005 to 2010 was 0.3%, lower than the estimated world’s population growth rate of 1.2%. The Republic’s growth rate was lower than that for Singapore (2.4%) and India (1.3%), United Kingdom (0.6%), Belgium (0.8%) but higher than Japan (0.1%)

Statistics Mauritius  
Ministry of Finance and Economic Development  
Port Louis  
March 2014

**Contact person:**  
**Mr. C. Arianaick, Senior Statistician or**  
**Mrs. R. Boolakey, Senior Statistical Officer**  
**Demography Unit**  
**Statistics Mauritius**  
**LIC Centre**  
**John Kennedy Street**  
**Port Louis**  
**Tel: 208 0859**  
**Email: [cso\\_demography@mail.gov.mu](mailto:cso_demography@mail.gov.mu)**

**Revised population estimates and vital rates for year 2011  
based on 2011 Population Census data**

Population at end of year	1,254,139
Crude Birth Rate	11.7
Crude Death Rate	7.3
Infant Mortality Rate	12.9
Still Birth Rate	9.4
Crude Marriage Rate	16.8

1. Vital Statistics:	The statistics pertaining to vital events which include live births, deaths, still births, marriages and divorces
2. Population density:	The number of persons per square kilometre
3. Dependency ratio:	The child population under 15 years of age and the elderly population aged 65 years and above per 1,000 population aged 15 to 64 years.
4. Sex ratio:	The number of males to every 100 females.
5. Natural increase:	The excess of live births over deaths.
6. Crude birth rate:	The number of live births in a year per 1,000 mid-year population.
7. Crude death rate:	The number of deaths in a year per 1,000 mid-year population.
8. Infant mortality rate:	The number of deaths in a year of infants aged under one year per 1,000 live births during the year.
9. Still birth rate:	The number of still births in a year per 1,000 total births (live births and still births) during the year.
10. Marriage rate:	The number of persons married in a year per 1,000 mid-year population.
11 Resident Population	<p>The definition of 'resident population' used at Census 2011 is different from that used at Census 2000.</p> <p>At Census 2000, a person is a 'resident' if he/she reports his/her place of usual residence as being in Mauritius.</p> <p>At Census 2011, a person is a resident if he/she</p> <ul style="list-style-type: none"> <li>• lives in the country continuously during the past 12 months; or</li> <li>• intends to live in the country continuously for at least 12 months</li> </ul>

**Note:** The vital rates for Rodrigues are usually calculated as an average for three years in order to remove wide fluctuations in the yearly data. The rates for year 2013 are however calculated on the basis of data for the year only.