

POPULATION AND VITAL STATISTICS REPUBLIC OF MAURITIUS, JANUARY – JUNE 2013

1. Introduction

This issue of the Economic and Social Indicators presents provisional population estimates for mid-year 2013 and vital statistics for the first semester of 2013. Forecasts of vital events and rates for the year 2013 are also included.

It is to be noted that preliminary data for the compilation of vital statistics have been extracted from the computerised system in place at the Central Civil Status Office. Also, population estimates presented in this publication are based on the 2000 Population Census data and are subject to revision following the benchmarking with the 2011 Population Census data.

Definitions of terms used are at Annex.

2. Key points

- The population of the Republic of Mauritius grew at a rate of 0.3% since mid-2012 and was estimated at 1,295,789 as at 1st July 2013.
- As at mid-2013, the female population outnumbered the male population by about 19,937.
- The expected number of live births for the Republic of Mauritius for year 2013 is estimated at 13,810, corresponding to a crude birth rate of 10.7 per 1,000 mid-year population compared to 11.2 in 2012.
- The estimated number of deaths for 2013 is around 9,400 giving a crude death rate of 7.3 per 1,000 mid-year population compared to 7.2 in 2012.
- The forecast for the number of infant deaths for the Republic of Mauritius is around 165, representing an infant mortality rate of 11.9 compared to 13.7 in 2012.
- The number of still births for 2013 is estimated at 135, giving a still birth rate of 9.5 compared to 9.6 in 2012.
- The expected number of marriages for 2013 is 9,760, corresponding to a marriage rate of 15.1, against 16.1 in 2012.

3. Estimated resident population

Table 3.1 - Estimated resident population by sex, Republic of Mauritius, 1st July 2013

Island	Both sexes	Male	Female	Sex ratio
Island of Mauritius	1,257,121	618,760	638,361	96.9
Island of Rodrigues	38,379	18,973	19,406	97.8
Agalega and St. Brandon	289	193	96	201.0
Republic of Mauritius	1,295,789	637,926	657,863	97.0

As at 1st July 2013, the population of the Republic of Mauritius was estimated at 1,295,789, of whom 637,926 were males and 657,863 females. There were 97 males for every 100 females.

The population of the Islands of Mauritius and Rodrigues were estimated at 1,257,121 and 38,379 respectively. In both islands, females outnumbered males.

Agalega and St. Brandon had an estimated population of 289 with 97 more males than females.

Table 3.2 - Population density, Republic of Mauritius, 1st July 2013

Island	Both sexes	Area (km²)	Density per km²
Island of Mauritius	1,257,121	1,864.8	674
Island of Rodrigues	38,379	104.0	369
Agalega and St. Brandon	289	71.2	4
Republic of Mauritius	1,295,789	2,040.0	635

The Republic of Mauritius, with a total land area of 2,040 square kilometres, had a population density of 635 persons per square km as at mid-2013. The population densities of the Island of Mauritius and the Island of Rodrigues were 674 and 369 respectively.

Table 3.3 - Estimated resident population by sex and sex ratio, Republic of Mauritius, 2011 - 2013 (mid-year estimates)

Year	Both sexes	Male	Female	Sex ratio
2011	1,286,340	633,917	652,423	97.2
2012	1,291,456	636,013	655,443	97.0
2013	1,295,789	637,926	657,863	97.0

In the above table, population estimates and sex ratios for the past three years are given for comparative purposes. The drop in the sex ratio from 2011 to 2012 indicates a decrease in the proportion of males in the population. However the sex ratio for 2013 is estimated at the same level as in 2012.

4. Population growth

Table 4.1 - Population change, Republic of Mauritius, 1st July 2012 and 1st July 2013

Island	Population		Change	
	1st July 2012	1st July 2013	Number	%
Island of Mauritius	1,253,000	1,257,121	4,121	0.3
Island of Rodrigues	38,167	38,379	212	0.6
Agalega and St. Brandon	289	289	0	0.0
Republic of Mauritius	1,291,456	1,295,789	4,333	0.3

The population of the Republic of Mauritius increased by 4,333 (0.3 %) from mid-2012 to mid-2013. The growth rate for the Island of Mauritius was 0.3% compared to 0.6% for the Island of Rodrigues.

Table 4.2 - Components of population growth during the first semester of 2012 and 2013, Republic of Mauritius¹

Components of population growth	2012	2013
Resident population as at beginning of year	1,288,395	1,293,253
Natural increase, January-June	2,917	2,387
Live Births, January-June	7,429	6,949
Deaths, January-June	4,512	4,562
Net international migration, January-June	-145	-140
Resident population as at mid-year	1,291,167	1,295,500

¹ excluding Agalega and St Brandon

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

During the first semester of 2013, the population registered a natural increase of 2,387 which was the result of an addition of 6,949 live births and a subtraction of 4,562 deaths. For the same period, the net international migration of residents was estimated at -140.

5. Vital statistics and rates

5.1 Live births and crude birth rate

Table 5.1 - Live births registered and crude birth rate, Republic of Mauritius, 2012 and 2013¹

Island	Number of live births				Crude birth rate	
	2012		2013		2012	2013¹
	Jan - June	Year	Jan - June	Year¹		
Island of Mauritius	7,044	13,766	6,591	13,100	11.0	10.4
Island of Rodrigues	385	728	358	710	18.6	18.5
Republic of Mauritius	7,429	14,494	6,949	13,810	11.2	10.7

¹ forecast

For the first six months of 2013, 6,949 live births were registered in the Republic of Mauritius, that is, 480 less than for the corresponding period of 2012. For the year 2013, the number of live births is estimated at 13,810, resulting in a crude birth rate (i.e, live births per 1,000 mid-year population) of 10.7 compared to 11.2 in 2012. The forecast for the Island of Mauritius is 13,100 live births (rate of 10.4), and for Rodrigues it is 710 (rate of 18.5).

5.2 Deaths and crude death rate

Table 5.2 - Deaths and crude death rate, Republic of Mauritius, 2012 and 2013¹

Island	Number of deaths				Crude death rate	
	2012		2013		2012	2013 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	4,393	9,103	4,466	9,200	7.3	7.3
Island of Rodrigues	119	240	96	200	5.7	5.2
Republic of Mauritius	4,512	9,343	4,562	9,400	7.2	7.3

¹ forecast

The number of deaths registered during the first semester of 2013 in the Republic of Mauritius was 4,562, representing an increase of 1.1% compared to the corresponding figures of 2012. The forecast for 2013 is 9,400 deaths representing a crude death rate of 7.3. The expected number of deaths for the Island of Mauritius for 2013 is 9,200 (rate of 7.3) and that for Rodrigues is 200 (rate of 5.2).

5.3 Infant deaths and infant mortality rate

Table 5.3 - Infant deaths and infant mortality rate, Republic of Mauritius, 2012 and 2013¹

Island	Number of infant deaths				Infant mortality rate	
	2012		2013		2012	2013 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	96	184	75	150	13.4	11.5
Island of Rodrigues	6	15	4	15	19.7	21.1
Republic of Mauritius	102	199	79	165	13.7	11.9

¹ forecast

During the first semester of 2013, 79 infant deaths were registered in the Republic of Mauritius compared to 102 for the same period in 2012. 165 infant deaths are expected to occur in the Republic of Mauritius in 2013, giving an infant mortality rate of 11.9 infant deaths per 1,000 live births against 13.7 in 2012. The number of infant deaths for the Islands of Mauritius and Rodrigues are estimated at 150 (rate of 11.5) and 15 (rate of 21.1) respectively.

5.4 Still births and still birth rate

Table 5.4 - Still births and still birth rate, Republic of Mauritius, 2012 and 2013¹

Island	Number of still births				Still birth rate	
	2012		2013		2012	2013 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	70	132	64	130	9.5	9.8
Island of Rodrigues	4	8	1	5	7.4	7.0
Republic of Mauritius	74	140	65	135	9.6	9.7

¹ forecast

During the first six months of 2013, 65 still births were registered in the Republic of Mauritius compared to 74 for the same period in 2012, i.e. a 12.2 % decrease. The expected number of still births for the Republic of Mauritius is 135 for 2013, giving a still birth rate of 9.7 still births per 1,000 total births against 9.6 in 2012. Forecast for the Islands of Mauritius and Rodrigues for year 2013 are 130 (rate of 9.8) and 5 (rate of 7.0) respectively.

5.5 Marriages and crude marriage rate

Table 5.5 - Marriages and crude marriage rate, Republic of Mauritius, 2012 and 2013¹

Island	Number of marriages				Crude marriage rate	
	2012		2013		2012	2013 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	4,517	10,197	4,318	9,600	16.3	15.3
Island of Rodrigues	79	185	69	160	8.9	8.3
Republic of Mauritius	4,596	10,382	4,387	9,760	16.1	15.1

¹ forecast

A total of 4,387 marriages were registered in the Republic of Mauritius during the first semester of 2013, representing a decrease of 4.5 % over the number registered during the same period in 2012. The expected number of marriages for 2013 is 9,760, giving a crude marriage rate of 15.1 against 16.1 in 2012. The expected number of marriages for the Island of Mauritius is 9,600 (rate of 15.3) and for the Island of Rodrigues is 160 (rate of 8.3).

6. International comparison of vital rates

Vital statistics for different countries in the world are published in the UN publication “The Demographic Yearbook” and the United Nations Population and Vital Statistics Report. The table below displays some comparative figures available from the latest United Nations Population and Vital Statistics Report (1998-2012).

Table 6.1 - Vital rates for selected countries

Country	Year	Crude Birth rate	Crude death rate	Infant mortality rate
Mauritius	2011	11.4	7.1	12.9
Reunion	2010	17.1	5.1	6.1
Australia	2011	13.5	6.6	3.8
Canada	2009	11.3	7.2	5.1
India	2008	22.8	7.4	53.0
Italy	2011	9.0	9.8	3.2
France	2011	12.5	8.4	3.5

It is to be noted that the crude birth/death rates are strictly not comparable between countries as it is affected by the age structure of the population. For instance, the crude death rate for Mauritius is lower than that for France. This can be explained by the fact that Mauritius has a relatively young population and hence proportionately fewer deaths are expected.

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Annex

Definition of terms

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 15-64 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.

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 the year 2012 are however calculated on the basis of data for the year only.