

Population and Vital Statistics

Republic of Mauritius, January – June 2018

1. Introduction

This issue of the Economic and Social Indicators presents provisional population estimates for mid-year 2018 and vital statistics for the first semester of 2018. Forecasts of vital events and rates for the year 2018 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.

Definitions of terms used are at **Annex**.

2. Key points

- The population of the Republic of Mauritius grew at a rate of 0.1% (+690) since mid-2017 and was estimated at 1,265,577 as at 1st July 2018.
- As at mid-2018, the female population outnumbered the male population by 13,169.
- The expected number of live births for the Republic of Mauritius for year 2018 is 12,940, corresponding to a crude birth rate of 10.2 per 1,000 mid-year population, compared to 10.7 in 2017.
- The estimated number of deaths for 2018 is around 10,870, giving a crude death rate of 8.6 per 1,000 mid-year population, compared to 8.0 in 2017.
- The forecast for the number of infant deaths for the Republic of Mauritius in 2018 is around 170, representing an infant mortality rate of 13.1 per 1,000 live births, compared to 12.2 in 2017.
- The number of still births for 2018 is estimated at 120, giving a still birth rate of 9.2 per 1,000 total births, compared to 9.9 in 2017.
- The expected number of marriages for 2018 is 9,820, corresponding to a marriage rate of 15.5 persons married per 1,000 mid-year population, against 15.4 in 2017.

3. Estimated resident population

Table 3.1 - Estimated resident population by sex, Republic of Mauritius, 1st July 2018

Island	Both sexes	Male	Female	Sex ratio
Island of Mauritius	1,222,268	604,915	617,353	98.0
Island of Rodrigues	43,035	21,115	21,920	96.3
Agalega and St. Brandon	274	174	100	174.0
Republic of Mauritius	1,265,577	626,204	639,373	97.9

As at 1st July 2018, the population of the Republic of Mauritius was estimated at 1,265,577, of whom 626,204 were males and 639,373 females. There were 97.9 males for every 100 females.

The population of the Islands of Mauritius and Rodrigues were estimated at 1,222,268 and 43,035 respectively. In both islands, females outnumbered males.

Agalega and St. Brandon had an estimated population of 274, with 74 more males than females.

Table 3.2 - Population density, Republic of Mauritius, 1st July 2018

Island	Both sexes	Area (km²)	Density per km²
Island of Mauritius	1,222,268	1,868.4	654
Island of Rodrigues	43,035	110.1	391
Agalega and St. Brandon	274	28.7	10
Republic of Mauritius	1,265,577	2,007.2	631

The Republic of Mauritius, with a total land area of 2,007.2 square kilometres, had a population density of 631 persons per square km as at mid-2018. The population densities of the Island of Mauritius and the Island of Rodrigues were 654 and 391 respectively.

Table 3.3 - Estimated resident population by sex and sex ratio, Republic of Mauritius, 2016 - 2018 (mid-year estimates)

Year	Both sexes	Male	Female	Sex ratio
2016	1,263,747	625,380	638,367	98.0
2017	1,264,887	625,901	638,986	98.0
2018	1,265,577	626,204	639,373	97.9

In the above table, mid-year population estimates and sex ratios for the past three years are given for comparative purposes. The sex ratio stood at 98.0 in 2016 and 2017 but has decreased slightly to 97.9 in 2018.

4. Population growth

Table 4.1 - Population change, Republic of Mauritius, 1st July 2017 and 1st July 2018

Island	Population		Growth	
	1st July 2017	1st July 2018	Number	%
Island of Mauritius	1,221,975	1,222,268	293	0.0
Island of Rodrigues	42,638	43,035	397	0.9
Agalega and St. Brandon	274	274	0	0.0
Republic of Mauritius	1,264,887	1,265,577	690	0.1

The growth rate for the Republic of Mauritius increased by 0.1% from mid-2017 to mid-2018. The rise in the population for the Island of Mauritius and the Island of Rodrigues were 293 and 397 respectively.

Table 4.2 - Components of population growth during the first semester of 2017 and 2018, Republic of Mauritius¹

Components of population growth	2017	2018
Resident population as at beginning of year	1,263,546	1,265,035
Natural increase, January - June	1,992	1,193
Live Births, January - June	6,810	6,501
Deaths, January - June	4,818	5,308
Net international migration, January - June	-925	-925
Resident population as at mid-year	1,264,613	1,265,303

¹ Excluding Agalega and St Brandon

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

During the first semester of 2018, the population registered a natural increase of 1,193, which was the result of an addition of 6,501 live births and a subtraction of 5,308 deaths. For the same period, the net international migration of residents was estimated at -925.

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, 2017 and 2018¹

Island	Number of live births				Crude birth rate	
	2017		2018		2017	2018 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	6,387	12,671	6,076	12,100	10.4	9.9
Island of Rodrigues	423	808	425	840	18.6 ²	19.5
Republic of Mauritius	6,810	13,479	6,501	12,940	10.7	10.2

¹ Forecast

² Provisional

For the first six months of the current year, 6,501 live births were registered in the Republic of Mauritius, compared to 6,810 for the corresponding period of 2017. For the year 2018, the number of live births is estimated at 12,940, resulting in a crude birth rate (i.e, live births per 1,000 mid-year population) of 10.2, lower than in 2017 which was 10.7. The forecast for the Island of Mauritius is 12,100 live births (rate of 9.9) and that for Rodrigues is 840 (rate of 19.5).

5.2 Deaths and crude death rate

Table 5.2 - Deaths and crude death rate, Republic of Mauritius, 2017 and 2018¹

Island	Number of deaths				Crude death rate	
	2017		2018		2017	2018 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	4,717	9,914	5,180	10,600	8.1	8.7
Island of Rodrigues	101	226	128	270	5.8 ²	6.3
Republic of Mauritius	4,818	10,140	5,308	10,870	8.0	8.6

¹ Forecast

² Provisional

The number of deaths registered during the first semester of 2018 in the Republic of Mauritius was 5,308, compared to 4,818 for the corresponding period of 2017. The forecast for 2018 is 10,870 deaths, representing a crude death rate of 8.6 per 1,000 mid-year population. The expected number of deaths for the Island of Mauritius for 2018 is 10,600 (rate of 8.7) and that for Rodrigues is 270 (rate of 6.3).

5.3 Infant deaths and infant mortality rate

Table 5.3 - Infant deaths and infant mortality rate, Republic of Mauritius, 2017 and 2018¹

Island	Number of infant deaths				Infant mortality rate	
	2017		2018		2017	2018 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	70	148	85	160	11.7	13.2
Island of Rodrigues	10	16	7	10	15.4 ²	11.9
Republic of Mauritius	80	164	92	170	12.2	13.1

¹ Forecast

² Provisional

During the first semester of the year 2018, some 92 infant deaths were registered in the Republic of Mauritius compared to 80 for the same period in 2017. Some 170 infant deaths are expected to occur in the Republic of Mauritius in 2018, giving an infant mortality rate of 13.1 per 1,000 live births against 12.2 in 2017. The number of infant deaths forecast for the Islands of Mauritius and Rodrigues are 160 (rate of 13.2) and 10 (rate of 11.9) respectively.

5.4 Still births and still birth rate

Table 5.4 - Still births and still birth rate, Republic of Mauritius, 2017 and 2018¹

Island	Number of still births				Still birth rate	
	2017		2018		2017	2018 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	62	128	61	110	10.0	9.0
Island of Rodrigues	5	7	5	10	11.1 ²	11.8
Republic of Mauritius	67	135	66	120	9.9	9.2

¹ Forecast

² Provisional

During the first six months of 2018, some 66 still births were registered in the Republic of Mauritius, compared to 67 for the same period in 2017, i.e. a 1.5% decrease. The expected number of still births for the Republic of Mauritius for 2018 is 120, giving a still birth rate of 9.2 per 1,000 total births against 9.9 in 2017. Forecasts for the Islands of Mauritius and Rodrigues for the year 2018 are 110 (rate of 9) and 10 (rate of 11.8) respectively.

5.5 Marriages and crude marriage rate

Table 5.5 - Marriages and crude marriage rate, Republic of Mauritius, 2017 and 2018¹

Island	Number of marriages				Crude marriage rate	
	2017		2018		2017	2018 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	4,428	9,586	4,449	9,600	15.7	15.7
Island of Rodrigues	69	171	95	220	8.5 ²	10.2
Republic of Mauritius	4,497	9,757	4,544	9,820	15.4	15.5

¹ Forecast

² Provisional

A total of 4,544 marriages were registered in the Republic of Mauritius during the first semester of 2018, representing an increase of 1% over the number registered (4,497) during the same period in 2017. The expected number of marriages for 2018 is 9,820, giving a crude marriage rate of 15.5 per 1,000 mid-year population against 15.4 in 2017. The expected number of marriages for 2018 for the Island of Mauritius is 9,600 (rate of 15.7) and for the Island of Rodrigues is 220 (rate of 10.2).

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 (2003 - 2017).

Table 6.1 - Vital rates for selected countries

Country	Year	Crude Birth rate	Crude death rate	Infant mortality rate
Mauritius	2017	10.6	8.0	12.3
Reunion	2016	16.1	5.5	6.1 ¹
Australia	2015	12.8	6.7	3.2
United States	2015	12.4	8.5	5.9
India	2015	20.8	6.5	37.0
Germany	2016	9.6	11.1	3.4
France	2017	11.3	9.1	3.5 ²

Source : United Nations Population & Vital Statistics Report Vol LXX

¹ Refers to year 2007

² Refers to year 2016

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 compared to France and hence, proportionately fewer deaths are expected.

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Definition of terms

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| 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 2018 are however calculated on the basis of data for the year only.