

Population and Vital Statistics

Republic of Mauritius, January – June 2019

1. Introduction

This issue of the Economic and Social Indicators presents provisional population estimates for mid-year 2019 and vital statistics for the first semester of 2019. Forecasts of vital events and rates for the year 2019 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 Civil Status Division.

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

2. Key points

- The population of the Republic of Mauritius grew at a rate of 0.03% (+408) since mid-2018 and was estimated at 1,265,985 as at 1 July 2019.
- As at mid-2019, the female population outnumbered the male population by 13,303.
- The expected number of live births for the Republic of Mauritius for year 2019 is 12,860, corresponding to a crude birth rate of 10.2 per 1,000 mid-year population, same as in 2018.
- The estimated number of deaths for 2019 is around 11,170, giving a crude death rate of 8.8 per 1,000 mid-year population, compared to 8.5 in 2018.
- The forecast for the number of infant deaths for the Republic of Mauritius in 2019 is around 170, representing an infant mortality rate of 13.2 per 1,000 live births, compared to 14.0 in 2018.
- The number of still births for 2019 is estimated at 130, giving a still birth rate of 10.0 per 1,000 total births, compared to 9.9 in 2018.
- The expected number of marriages for 2019 is 9,720, corresponding to a marriage rate of 15.4 persons married per 1,000 mid-year population, against 15.9 in 2018.

3. Estimated resident population

Table 3.1 - Estimated resident population by sex, Republic of Mauritius, 1 July 2019

Island	Both sexes	Male	Female	Sex ratio
Island of Mauritius	1,222,340	604,896	617,444	98.0
Island of Rodrigues	43,371	21,271	22,100	96.2
Agalega and St. Brandon	274	174	100	174.0
Republic of Mauritius	1,265,985	626,341	639,644	97.9

As at 1 July 2019, the population of the Republic of Mauritius was estimated at 1,265,985, of whom 626,341 were males and 639,644 females. There were 97.9 males for every 100 females.

The population of the Islands of Mauritius and Rodrigues were estimated at 1,222,340 and 43,371 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, 1 July 2019

Island	Both sexes	Area (km²)	Density per km²
Island of Mauritius	1,222,340	1,868.4	654
Island of Rodrigues	43,371	110.1	394
Agalega and St. Brandon	274	28.7	10
Republic of Mauritius	1,265,985	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-2019. The population densities of the Island of Mauritius and the Island of Rodrigues were 654 and 394 respectively.

Table 3.3 - Estimated resident population by sex and sex ratio, Republic of Mauritius, 2017 - 2019 (mid-year estimates)

Year	Both sexes	Male	Female	Sex ratio
2017	1,264,887	625,901	638,986	98.0
2018	1,265,577	626,204	639,373	97.9
2019	1,265,985	626,341	639,644	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 2017 but remained at 97.9 for 2018 and 2019.

4. Population growth

Table 4.1 - Population change, Republic of Mauritius, 1 July 2018 and 1 July 2019

Island	Population		Growth	
	1 July 2018	1 July 2019	Number	%
Island of Mauritius	1,222,268	1,222,340	72	0.01
Island of Rodrigues	43,035	43,371	336	0.78
Agalega and St. Brandon	274	274	0	0.00
Republic of Mauritius	1,265,577	1,265,985	408	0.03

The population of the Republic of Mauritius increased by 408 (0.03%) from mid-2018 to mid-2019. The growth rate for the Island of Mauritius was 0.01% compared to 0.78% for the Island of Rodrigues.

Table 4.2 - Components of population growth during the first semester of 2018 and 2019, Republic of Mauritius¹

Components of population growth	2018	2019
Resident population as at beginning of year	1,265,035	1,265,363
Natural increase, January - June	1,193	1,273
Live Births, January - June	6,501	6,670
Deaths, January - June	5,308	5,397
Net international migration, January - June	-925	-925
Resident population as at mid-year	1,265,303	1,265,711

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 2019, the population registered a natural increase of 1,273, which was the result of an addition of 6,670 live births and a subtraction of 5,397 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, 2018 and 2019¹

Island	Number of live births				Crude birth rate	
	2018		2019		2018	2019 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	6,076	12,202	6,249	12,100	10.0	9.9
Island of Rodrigues	425	763	421	760	18.1 ²	17.5
Republic of Mauritius	6,501	12,965	6,670	12,860	10.2	10.2

¹ Forecast

² Provisional

For the first six months of the current year, 6,670 live births were registered in the Republic of Mauritius, compared to 6,501 for the corresponding period of 2018. For the year 2019, the number of live births is estimated at 12,860, resulting in a crude birth rate (i.e, live births per 1,000 mid-year population) of 10.2, same as in 2018. The forecast for the Island of Mauritius is 12,100 live births (rate of 9.9) and that for Rodrigues is 760 (rate of 17.5).

5.2 Deaths and crude death rate

Table 5.2 - Deaths and crude death rate, Republic of Mauritius, 2018 and 2019¹

Island	Number of deaths				Crude death rate	
	2018		2019		2018	2019 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	5,180	10,521	5,272	10,900	8.6	8.9
Island of Rodrigues	128	266	125	270	5.9 ²	6.2
Republic of Mauritius	5,308	10,787	5,397	11,170	8.5	8.8

¹ Forecast

² Provisional

The number of deaths registered during the first semester of 2019 in the Republic of Mauritius was 5,397, compared to 5,308 for the corresponding period of 2018. The forecast for 2019 is 11,170 deaths, representing a crude death rate of 8.8 per 1,000 mid-year population. The expected number of deaths for the Island of Mauritius for 2019 is 10,900 (rate of 8.9) and that for Rodrigues is 270 (rate of 6.2).

5.3 Infant deaths and infant mortality rate

Table 5.3 - Infant deaths and infant mortality rate, Republic of Mauritius, 2018 and 2019¹

Island	Number of infant deaths				Infant mortality rate	
	2018		2019		2018	2019 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	85	168	87	160	13.8	13.2
Island of Rodrigues	7	13	6	10	16.7 ²	13.2
Republic of Mauritius	92	181	93	170	14.0	13.2

¹ Forecast

² Provisional

During the first semester of the year 2019, some 93 infant deaths were registered in the Republic of Mauritius compared to 92 for the same period in 2018. Some 170 infant deaths are expected to occur in the Republic of Mauritius in 2019, giving an infant mortality rate of 13.2 per 1,000 live births against 14.0 in 2018. The number of infant deaths forecast for the Islands of Mauritius and Rodrigues are 160 (rate of 13.2) and 10 (rate of 13.2) respectively.

5.4 Still births and still birth rate

Table 5.4 - Still births and still birth rate, Republic of Mauritius, 2018 and 2019¹

Island	Number of still births				Still birth rate	
	2018		2019		2018	2019 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	61	123	62	120	10.0	9.8
Island of Rodrigues	5	7	6	10	10.2 ²	13.0
Republic of Mauritius	66	130	68	130	9.9	10.0

¹ Forecast

² Provisional

During the first six months of 2019, some 68 still births were registered in the Republic of Mauritius, compared to 66 for the same period in 2018, i.e. a 3.0% increase. The expected number of still births for the Republic of Mauritius for 2019 is 130, giving a still birth rate of 10.0 per 1,000 total births against 9.9 in 2018. Forecasts of still births for the Islands of Mauritius and Rodrigues for the year 2019 are 120 (rate of 9.8) and 10 (rate of 13.0) respectively.

5.5 Marriages and crude marriage rate

Table 5.5 - Marriages and crude marriage rate, Republic of Mauritius, 2018 and 2019¹

Island	Number of marriages				Crude marriage rate	
	2018		2019		2018	2019 ¹
	Jan - June	Year	Jan - June	Year ¹		
Island of Mauritius	4,449	9,834	4,306	9,500	16.1	15.5
Island of Rodrigues	95	200	95	220	9.2 ²	10.1
Republic of Mauritius	4,544	10,034	4,401	9,720	15.9	15.4

¹ Forecast

² Provisional

A total of 4,401 marriages were registered in the Republic of Mauritius during the first semester of 2019, representing a decrease of 3.1% over the number registered (4,544) during the same period in 2018. The expected number of marriages for 2019 is 9,720, giving a crude marriage rate of 15.4 per 1,000 mid-year population against 15.9 in 2018. The expected number of marriages for 2019 for the Island of Mauritius is 9,500 (rate of 15.5) and for the Island of Rodrigues is 220 (rate of 10.1).

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 (2004 - 2018).

Table 6.1 - Vital rates for selected countries

Country	Year	Crude Birth rate	Crude death rate	Infant mortality rate
Mauritius	2018	10.3	8.5	13.9
Reunion	2017	15.9	5.4	6.3
Australia	2017	12.6	6.5	3.3
United States	2015	12.4	8.5	5.9
India	2016	20.4	6.4	34.0
Germany	2018	9.5	11.5	3.3 ¹
France	2018	11.1	9.2	3.6 ¹

Source : United Nations Population & Vital Statistics Report Vol LXXI

¹ Refers to year 2017

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 2019 are however calculated on the basis of data for the year only.