

# **Population and Vital Statistics**

## **Republic of Mauritius, January – June 2022**

### **1. Introduction**

This issue of the Economic and Social Indicators presents provisional population estimates for mid-year 2022 and vital statistics for the first semester of 2022. Forecasts of vital events and rates for the year 2022 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 was estimated at 1,262,523 as at 1 July 2022, corresponding to a population growth rate of -0.30% (-3,811) since mid-2021.
- As at mid-2022, the female population outnumbered the male population by 14,601.
- The expected number of live births for the Republic of Mauritius for year 2022 is 11,940, corresponding to a crude birth rate of 9.5 per 1,000 mid-year population, compared to 10.3 in 2021.
- The number of deaths for 2022 is forecasted to be 13,480, giving a crude death rate of 10.7 per 1,000 mid-year population, compared to 10.5 in 2021.
- The forecast for the number of infant deaths for the Republic of Mauritius in 2022 is 150, representing an infant mortality rate of 12.6 per 1,000 live births, compared to 13.8 in 2021.
- The number of still births for 2022 is forecasted to be 122, giving a still birth rate of 10.1 per 1,000 total births, compared to 10.0 in 2021.
- The expected number of marriages for 2022 is 10,370, corresponding to a marriage rate of 16.4 persons married per 1,000 mid-year population, against 12.9 in 2021.

### 3. Estimated resident population

**Table 3.1 - Estimated resident population by sex, Republic of Mauritius, 1 July 2022<sup>1</sup>**

Island	Both sexes	Male	Female	Sex ratio
Island of Mauritius	<b>1,217,588</b>	601,962	615,626	97.8
Island of Rodrigues	<b>44,661</b>	21,825	22,836	95.6
Agalega and St. Brandon	<b>274</b>	174	100	174.0
<b>Republic of Mauritius</b>	<b>1,262,523</b>	<b>623,961</b>	<b>638,562</b>	<b>97.7</b>

<sup>1</sup> Provisional

As at 1 July 2022, the population of the Republic of Mauritius was estimated at 1,262,523, with 623,961 males and 638,562 females. There were 97.7 males for every 100 females.

The population of the Islands of Mauritius and Rodrigues were estimated at 1,217,588 and 44,661 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 2022<sup>1</sup>**

Island	Both sexes	Area (km <sup>2</sup> )	Density per km <sup>2</sup>
Island of Mauritius	<b>1,217,588</b>	1,868.4	652
Island of Rodrigues	<b>44,661</b>	110.1	406
Agalega and St. Brandon	<b>274</b>	28.7	10
<b>Republic of Mauritius</b>	<b>1,262,523</b>	<b>2,007.2</b>	<b>629</b>

<sup>1</sup> Provisional

The Republic of Mauritius had a population density of 629 persons per square kilometre as at mid-2022 for a total land area of 2,007.2 km<sup>2</sup>. The population densities of the Island of Mauritius and the Island of Rodrigues were 652 and 406 respectively.

**Table 3.3 - Estimated resident population by sex and sex ratio, Republic of Mauritius, 2020 - 2022 (mid-year estimates)**

Year	Both sexes	Male	Female	Sex ratio
2020	1,266,014	626,202	639,812	97.9
2021	1,266,334	626,177	640,157	97.8
2022 <sup>1</sup>	1,262,523	623,961	638,562	97.7

<sup>1</sup> Provisional

In the above table, mid-year population estimates and sex ratios are given for comparative purposes. The sex ratio stood at 97.9 in 2020 and 97.8 in 2021, followed by a further decline to 97.7 in 2022.

#### 4. Population growth

**Table 4.1 - Population change, Republic of Mauritius, 1 July 2021 and 1 July 2022**

Island	Population		Growth	
	1 July 2021	1 July 2022 <sup>1</sup>	Number	%
Island of Mauritius	1,221,840	1,217,588	-4,252	-0.35
Island of Rodrigues	44,220	44,661	441	1.00
Agalega and St. Brandon	274	274	0	0.00
<b>Republic of Mauritius</b>	<b>1,266,334</b>	<b>1,262,523</b>	<b>-3,811</b>	<b>-0.30</b>

<sup>1</sup> Provisional

The population of the Republic of Mauritius decreased by 3,811 (-0.30%) from mid-2021 to mid-2022. The population of the Island of Mauritius decreased by 4,252 from mid-2021 to mid-2022 while for the same period, the population of the Island of Rodrigues grew by 1.0%.

**Table 4.2 - Components of population growth during the first semester of 2021 and 2022, Republic of Mauritius<sup>1</sup>**

Components of population growth	2021	2022 <sup>2</sup>
<b>Resident population as at beginning of year</b>	<b>1,265,756</b>	<b>1,263,614</b>
<b>Natural increase, January - June</b>	<b>1,229</b>	<b>-440</b>
Live Births, January - June	6,693	6,079
Deaths, January - June	5,464	6,519
<b>Net international migration, January - June</b>	<b>-925</b>	<b>-925</b>
<b>Resident population as at mid-year</b>	<b>1,266,060</b>	<b>1,262,249</b>

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

<sup>2</sup> Provisional

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 2022, the population registered a natural increase of -440, which was the result of an addition of 6,079 live births and a subtraction of 6,519 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<sup>1</sup>, 2021 and 2022**

Island	Number of live births				Crude birth rate	
	2021		2022		2021	2022 <sup>3</sup>
	Jan - June	Year	Jan - June <sup>2</sup>	Year <sup>3</sup>		
<b>Island of Mauritius</b>	6,248	12,108	5,581	11,000	9.9	9.0
<b>Island of Rodrigues</b>	445	874	498	940	20.5 <sup>2</sup>	21.0
<b>Republic of Mauritius</b>	<b>6,693</b>	<b>12,982</b>	<b>6,079</b>	<b>11,940</b>	<b>10.3</b>	<b>9.5</b>

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

<sup>2</sup> Provisional

<sup>3</sup> Forecast

For the first six months of the current year, some 6,079 live births were registered in the Republic of Mauritius, compared to 6,693 for the corresponding period of 2021. For the year 2022, the number of live births is estimated at 11,940, resulting in a crude birth rate (i.e., live births per 1,000 mid-year population) of 9.5, compared to 10.3 in 2021. The forecast for the Island of Mauritius is 11,000 live births (rate of 9.0) and that for Rodrigues is 940 (rate of 21.0).

## 5.2 Deaths and crude death rate

**Table 5.2 - Deaths and crude death rate, Republic of Mauritius<sup>1</sup>, 2021 and 2022**

Island	Number of deaths				Crude death rate	
	2021		2022		2021	2022 <sup>3</sup>
	Jan - June	Year	Jan - June <sup>2</sup>	Year <sup>3</sup>		
Island of Mauritius	5,322	12,990	6,335	13,100	10.6	10.8
Island of Rodrigues	142	284	184	380	7.2 <sup>2</sup>	8.5
<b>Republic of Mauritius</b>	<b>5,464</b>	<b>13,274</b>	<b>6,519</b>	<b>13,480</b>	<b>10.5</b>	<b>10.7</b>

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

<sup>2</sup> Provisional

<sup>3</sup> Forecast

The number of deaths registered during the first semester of 2022 in the Republic of Mauritius was 6,519, compared to 5,464 for the corresponding period of 2021. The forecast for 2022 is 13,480 deaths, representing a crude death rate of 10.7 per 1,000 mid-year population. The expected number of deaths for the Island of Mauritius for 2022 is 13,100 (rate of 10.8) and that for Rodrigues is 380 (rate of 8.5).

## 5.3 Infant deaths and infant mortality rate

**Table 5.3 - Infant deaths and infant mortality rate, Republic of Mauritius<sup>1</sup>, 2021 and 2022**

Island	Number of infant deaths				Infant mortality rate	
	2021		2022		2021	2022 <sup>3</sup>
	Jan - June	Year	Jan - June <sup>2</sup>	Year <sup>3</sup>		
Island of Mauritius	93	165	72	140	13.6	12.7
Island of Rodrigues	8	14	3	10	14.7 <sup>2</sup>	10.6
<b>Republic of Mauritius</b>	<b>101</b>	<b>179</b>	<b>75</b>	<b>150</b>	<b>13.8</b>	<b>12.6</b>

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

<sup>2</sup> Provisional

<sup>3</sup> Forecast

During the first semester of 2022, there were 75 infant deaths registered in the Republic of Mauritius compared to 101 for the same period in 2021. Around 150 infant deaths are expected to occur in the Republic of Mauritius in 2022, giving an infant mortality rate of 12.6 per 1,000 live births against 13.8 in 2021. The number of infant deaths forecast for the Islands of Mauritius and Rodrigues are 140 (rate of 12.7) and 10 (rate of 10.6) respectively.

## 5.4 Still births and still birth rate

**Table 5.4 - Still births and still birth rate, Republic of Mauritius<sup>1</sup>, 2021 and 2022**

Island	Number of still births				Still birth rate	
	2021		2022		2021	2022 <sup>3</sup>
	Jan - June	Year	Jan - June <sup>2</sup>	Year <sup>3</sup>		
Island of Mauritius	61	121	60	120	9.9	10.8
Island of Rodrigues	6	10	1	2	7.6 <sup>2</sup>	2.1
<b>Republic of Mauritius</b>	<b>67</b>	<b>131</b>	<b>61</b>	<b>122</b>	<b>10.0</b>	<b>10.1</b>

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

<sup>2</sup> Provisional

<sup>3</sup> Forecast

During the first six months of 2022, some 61 still births were registered in the Republic of Mauritius, compared to 67 for the same period in 2021, i.e. a 9.0% decrease. The expected number of still births for the Republic of Mauritius for 2022 is 122, giving a still birth rate of 10.1 per 1,000 total births against 10.0 in 2021. Forecasts of still births for the Islands of Mauritius and Rodrigues for the year 2022 are 120 (rate of 10.8) and 2 (rate of 2.1) respectively.

## 5.5 Marriages and crude marriage rate

**Table 5.5 - Marriages and crude marriage rate, Republic of Mauritius<sup>1</sup>, 2021 and 2022**

Island	Number of marriages				Crude marriage rate	
	2021		2022		2021	2022 <sup>3</sup>
	Jan - June	Year	Jan - June <sup>2</sup>	Year <sup>3</sup>		
Island of Mauritius	2,896	8,011	4,477	10,200	13.1	16.8
Island of Rodrigues	77	175	70	170	8.1 <sup>2</sup>	7.6
<b>Republic of Mauritius</b>	<b>2,973</b>	<b>8,186</b>	<b>4,547</b>	<b>10,370</b>	<b>12.9</b>	<b>16.4</b>

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

<sup>2</sup> Provisional

<sup>3</sup> Forecast

A total of 4,547 marriages were registered in the Republic of Mauritius during the first semester of 2022, representing an increase of 52.9% over the number registered (2,973) during the same period in 2021. The expected number of marriages for 2022 is 10,370, giving a crude marriage rate of 16.4 per 1,000 mid-year population against

12.9 in 2021. The expected number of marriages for 2022 for the Island of Mauritius is 10,200 (rate of 16.8) and for the Island of Rodrigues is 170 (rate of 7.6).

## 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 (2006 - 2020).

**Table 6.1 - Vital rates for selected countries**

Country	Year	Crude Birth rate	Crude death rate	Infant mortality rate
<b>Mauritius</b>	2020	10.5	8.7	15.1
<b>Reunion</b>	2019	15.4	5.9	7.3
<b>Australia</b>	2020	11.5	6.3	3.2
<b>United States</b>	2019	11.4	8.7	5.6
<b>India</b>	2019	18.5	5.7	na
<b>Germany</b>	2020	9.3	11.9	3.1
<b>France</b>	2019	11.0	9.2	3.6

Source: United Nations Population & Vital Statistics Report Vol LXXIII (updated in June 2022)

na – not available

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

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 2022 are however calculated on the basis of data for the year only.