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Population and Vital Statistics

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Statistics Mauritius
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Population and Vital Statistics

Republic of Mauritius, January – June 2023

1. Introduction

This issue of the Economic and Social Indicators presents provisional population estimates for mid-year 2023 and vital statistics for the first semester of 2023. Forecasts of vital events and rates for the year 2023 are also included. Please note that population estimates presented in this report are based on the 2011 Census data.

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 1,261,041 as at 1 July 2023, corresponding to a population growth rate of -0.12% (-1,482) since mid-2022.
- As at mid-2023, the female population outnumbered the male population by 15,059.
- The expected number of live births for the Republic of Mauritius for year 2023 is 12,810, corresponding to a crude birth rate of 10.2 per 1,000 mid-year population, compared to 9.6 in 2022.
- The number of deaths for 2023 is forecasted to be 12,090, giving a crude death rate of 9.6 per 1,000 mid-year population, compared to 10.2 in 2022.
- The forecast for the number of infant deaths for the Republic of Mauritius in 2023 is 175, representing an infant mortality rate of 13.7 per 1,000 live births, compared to 14.2 in 2022.
- The number of still births for 2023 is forecasted to be 104, giving a still birth rate of 8.1 per 1,000 total births, compared to 9.1 in 2022.
- The expected number of marriages for 2023 is 9,400, corresponding to a marriage rate of 14.9 persons married per 1,000 mid-year population, against 15.1 in 2022.

3. Estimated resident population

Table 3.1 - Estimated resident population by sex, Republic of Mauritius, 1 July 2023¹

Island	Both sexes	Male	Female	Sex ratio
Island of Mauritius	1,215,822	600,878	614,944	97.7
Island of Rodrigues	44,945	21,939	23,006	95.4
Agalega and St. Brandon	274	174	100	174.0
Republic of Mauritius	1,261,041	622,991	638,050	97.6

¹ Provisional

As at 1 July 2023, the population of the Republic of Mauritius was estimated at 1,261,041, with 622,991 males and 638,050 females. There were 97.6 males for every 100 females.

The population of the Islands of Mauritius and Rodrigues were estimated at 1,215,822 and 44,945 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 2023¹

Island	Both sexes	Area (km ²)	Density per km ²
Island of Mauritius	1,215,822	1,868.4	651
Island of Rodrigues	44,945	110.1	408
Agalega and St. Brandon	274	28.7	10
Republic of Mauritius	1,261,041	2,007.2	628

¹ Provisional

The Republic of Mauritius had a population density of 628 persons per square kilometre as at mid-2023 for a total land area of 2,007.2 km². The population densities of the Island of Mauritius and the Island of Rodrigues were 651 and 408 respectively.

Table 3.3 - Estimated resident population by sex and sex ratio, Republic of Mauritius, 2021 - 2023 (mid-year estimates)

Year	Both sexes	Male	Female	Sex ratio
2021	1,266,334	626,177	640,157	97.8
2022	1,262,523	623,961	638,562	97.7
2023 ¹	1,261,041	622,991	638,050	97.6

¹ Provisional

In the above table, mid-year population estimates and sex ratios are given for comparative purposes. The sex ratio stood at 97.8 in 2021 and 97.7 in 2022, followed by a further decline to 97.6 in 2023.

4. Population growth

Table 4.1 - Population change, Republic of Mauritius, 1 July 2022 and 1 July 2023

Island	Population		Growth	
	1 July 2022	1 July 2023 ¹	Number	%
Island of Mauritius	1,217,588	1,215,822	-1,766	-0.15
Island of Rodrigues	44,661	44,945	284	0.64
Agalega and St. Brandon	274	274	0	0.00
Republic of Mauritius	1,262,523	1,261,041	-1,482	-0.12

¹ Provisional

The population of the Republic of Mauritius decreased by 1,482 (-0.12%) from mid-2022 to mid-2023. The population of the Island of Mauritius decreased by 1,766 from mid-2022 to mid-2023 while for the same period, the population of the Island of Rodrigues grew by 0.64%.

Table 4.2 - Components of population growth during the first semester of 2022 and 2023, Republic of Mauritius¹

Components of population growth	2022	2023 ²
Resident population as at beginning of year	1,263,614	1,260,922
Natural increase, January - June	-440	770
Live Births, January - June	6,079	6,508
Deaths, January - June	6,519	5,738
Net international migration, January - June	-925	-925
Resident population as at mid-year	1,262,249	1,260,767

¹ Excluding Agalega and St Brandon

² Provisional

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

During the first semester of 2023, the population registered a natural increase of 770, which was the result of an addition of 6,508 live births and a subtraction of 5,738 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 Mauritius¹, 2022 and 2023

Island	Number of live births				Crude birth rate	
	2022		2023		2022	2023 ³
	Jan - June	Year	Jan - June ²	Year ³		
Island of Mauritius	5,581	11,223	6,126	12,100	9.2	10.0
Island of Rodrigues	498	873	382	710	18.3 ²	15.8
Republic of Mauritius	6,079	12,096	6,508	12,810	9.6	10.2

¹ Excluding Agalega and St Brandon

² Provisional

³ Forecast

For the first six months of the current year, some 6,508 live births were registered in the Republic of Mauritius, compared to 6,079 for the corresponding period of 2022. For the year 2023, the number of live births is estimated at 12,810, resulting in a crude birth rate (i.e. live births per 1,000 mid-year population) of 10.2, compared to 9.6 in 2022. The forecast for the Island of Mauritius is 12,100 live births (rate of 10.0) and that for Rodrigues is 710 (rate of 15.8).

5.2 Deaths and crude death rate

Table 5.2 - Deaths and crude death rate, Republic of Mauritius¹, 2022 and 2023

Island	Number of deaths				Crude death rate	
	2022		2023		2022	2023 ³
	Jan - June	Year	Jan - June ²	Year ³		
Island of Mauritius	6,335	12,581	5,598	11,800	10.3	9.7
Island of Rodrigues	184	357	140	290	6.9 ²	6.5
Republic of Mauritius	6,519	12,938	5,738	12,090	10.2	9.6

¹ Excluding Agalega and St Brandon

² Provisional

³ Forecast

The number of deaths registered during the first semester of 2023 in the Republic of Mauritius was 5,738, compared to 6,519 for the corresponding period of 2022. The forecast for 2023 is 12,090 deaths, representing a crude death rate of 9.6 per 1,000 mid-year population. The expected number of deaths for the Island of Mauritius for 2023 is 11,800 (rate of 9.7) and that for Rodrigues is 290 (rate of 6.5).

5.3 Infant deaths and infant mortality rate

Table 5.3 - Infant deaths and infant mortality rate, Republic of Mauritius¹, 2022 and 2023

Island	Number of infant deaths				Infant mortality rate	
	2022		2023		2022	2023 ³
	Jan - June	Year	Jan - June ²	Year ³		
Island of Mauritius	72	165	83	160	14.7	13.2
Island of Rodrigues	3	7	8	15	14.7 ²	21.1
Republic of Mauritius	75	172	91	175	14.2	13.7

¹ Excluding Agalega and St Brandon

² Provisional

³ Forecast

During the first semester of 2023, there were 91 infant deaths registered in the Republic of Mauritius, compared to 75 for the same period in 2022. Around 175 infant deaths are expected to occur in the Republic of Mauritius in 2023, giving an infant mortality rate of 13.7 per 1,000 live births against 14.2 in 2022. The number of infant deaths forecast for the Islands of Mauritius and Rodrigues are 160 (rate of 13.2) 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 Mauritius¹, 2022 and 2023

Island	Number of still births				Still birth rate	
	2022		2023		2022	2023 ³
	Jan - June	Year	Jan - June ²	Year ³		
Island of Mauritius	60	105	54	100	9.3	8.2
Island of Rodrigues	1	6	2	4	8.1 ²	5.6
Republic of Mauritius	61	111	56	104	9.1	8.1

¹ Excluding Agalega and St Brandon

² Provisional

³ Forecast

During the first six months of 2023, some 56 still births were registered in the Republic of Mauritius, compared to 61 for the same period in 2022, i.e. a 8.2% decrease. The expected number of still births for the Republic of Mauritius for 2023 is 104, giving a still birth rate of 8.1 per 1,000 total births against 9.1 in 2022. Forecasts of still births for the Islands of Mauritius and Rodrigues for the year 2023 are 100 (rate of 8.2) and 4 (rate of 5.6) respectively.

5.5 Marriages and crude marriage rate

Table 5.5 - Marriages and crude marriage rate, Republic of Mauritius¹, 2022 and 2023

Island	Number of marriages				Crude marriage rate	
	2022		2023		2022	2023 ³
	Jan - June	Year	Jan - June ²	Year ³		
Island of Mauritius	4,477	9,386	4,016	9,200	15.4	15.1
Island of Rodrigues	70	172	85	200	8.2 ²	8.9
Republic of Mauritius	4,547	9,558	4,101	9,400	15.1	14.9

¹ Excluding Agalega and St Brandon

² Provisional

³ Forecast

A total of 4,101 marriages were registered in the Republic of Mauritius during the first semester of 2023, representing a decrease of 9.8% over the number registered (4,547) during the same period in 2022. The expected number of marriages for 2023 is 9,400, giving a crude marriage rate of 14.9 per 1,000 mid-year population against 15.1 in 2022. The expected number of marriages for 2023 for the Island of Mauritius is 9,200 (rate of 15.1) and for the Island of Rodrigues is 200 (rate of 8.9).

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 (2008 - 2022).

Table 6.1 - Vital rates for selected countries

Country	Year	Crude Birth rate	Crude death rate	Infant mortality rate
Mauritius	2022	9.5	10.2	14.3
Reunion	2021	15.8	6.7	6.6
Australia	2021	12.1	6.7	3.3
United States	2021	11.0	10.2	5.6
Germany	2022	8.8	12.7	3.0
France	2020	10.7	10.1	3.4

Source: United Nations Population & Vital Statistics Report Vol LXXV (updated in August 2023)

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

Statistics Mauritius

Ministry of Finance, Economic Planning and Development

Port Louis

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Contact persons:

Mrs. C. Martial, Statistician / Senior Statistician

Mrs. N. Fatha Mahomed, Statistical Officer / Senior Statistical Officer

Demography Unit

Statistics Mauritius

LIC Centre

John Kennedy Street

Port Louis

Tel: (230) 208 0859

Email: cso_demography@govmu.org

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 2023 are however calculated on the basis of data for the year only.

Statistics Mauritius
LIC Centre,
John Kennedy Street,
Port Louis, MAURITIUS
T: +230 208 1800
F: +230 211 4150
W: <https://statsmauritius.govmu.org>
E: statsmauritius@govmu.org