

## **Population and Vital Statistics**

**January - June 2005**

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# **POPULATION AND VITAL STATISTICS**

## **REPUBLIC OF MAURITIUS, JANUARY-JUNE 2005**

### **1. Introduction**

This issue of Economic and Social Indicator presents population estimates for mid-year 2005 and vital statistics for the first semester of 2005. It also includes forecasts of vital events and rates for the year 2005.

It is to be noted that as from January 2005, data for the compilation of vital statistics is being extracted from the computerised system in place at the Central Civil Status Office. Previously, all civil status offices were manually filling in a statistical form for each vital event registered. These forms were subsequently submitted to the Central Statistics Office where they were coded and edited prior to data capture at the Central Informatics System Division.

### **2. Population estimates, 1st July 2005**

As at 1st July 2005, the population of the Republic of Mauritius was estimated at 1,243,588 of whom 614,999 were males and 628,589 females, giving a sex ratio of 97.8 males per 100 females.

Given a population of 1,233,675 in the Republic of Mauritius at mid-2004, the population growth during the period July 2004 to June 2005 is estimated at around 0.8%. The population of the Island of Mauritius grew at a rate of 0.8%, rising from 1,196,696 (591,951 males and 604,745 females) in mid-2004 to 1,206,392 (596,515 males and 609,877 females) in mid-2005. Over the same period, the population of Rodrigues grew at a lower rate of 0.6% from 36,690 (18,157 males and 18,533 females) to 36,907 (18,291 males and 18,616 females). The population of the outer islands (Agalega and Saint Brandon) is estimated at around 289 (193 males and 96 females).

The Republic of Mauritius, with a total land area of 2,040 square kilometres, had a population density of around 610 persons per square km in mid-2005. The population densities of the Island of Mauritius and the Island of Rodrigues were 647 and 355 respectively (Table 1).

Table 2 shows comparative population estimates and selected indicators for the past three years.

### **3. Components of population growth**

Table 3 shows the contribution of each component of population growth, namely natural increase and net international migration, to the population increase of 5,527 persons in the first semester of 2005. This was the result of an excess of 5,477 live births over deaths (natural increase) and a gain of 50 persons due to excess arrivals over departures (net international migration).

### **4. Vital Statistics and rates**

Table 4 shows some vital statistics for 2004 and 2005 while Table 5 gives a series of rates for the years 2003 to 2005 for the Republic of Mauritius, the Island of Mauritius and the Island of Rodrigues.

#### **4.1 *Live births***

During the first semester of 2005, 9,631 live births were registered in the Republic of Mauritius, 2.9% less than in the corresponding period of 2004. For the year 2005, the number of live births is forecast at 18,890 resulting in a crude birth rate of 15.2 live births per 1,000 mid-year population compared to 15.6 in 2004. The forecast for the Island of Mauritius is 17,960 live births in 2005 (rate of 15.0). For Rodrigues, it is 930 (rate of 25.2).

#### **4.2 *Deaths***

During the first six months of 2005, a total of 4,154 deaths was registered in the Republic of Mauritius, almost the same number as in 2004 (4,153). It is estimated that the number of deaths for the year 2005 will be around 8,440 for the Republic, leading to a crude death rate of 6.8 deaths per 1,000 mid-year population compared to 6.9 in 2004. The expected number of deaths in 2005 for the Island of Mauritius and the Island of Rodrigues are 8,200 (rate of 6.8) and 240 (rate of 6.5) respectively.

#### **4.3 *Infant deaths***

During the period January to June 2005, 141 infant deaths were registered in the Republic of Mauritius against 160 during the same period in 2004, that is a decrease of 11.9%. For the year 2005, around 265 infant deaths are expected for the Republic, giving an infant mortality rate of 14.0 against 14.4 in 2004. The forecast for the Island of Mauritius and the Island of Rodrigues are 250 (rate of 13.9) and 15 (rate of 16.1) respectively.

#### **4.4 Still births**

During the first semester of 2005, 93 still births were registered in the Republic of Mauritius against 113 in the same period of 2004, that is, a 17.7% decrease. For the year 2005, the number of still births forecast for the Republic of Mauritius is 185, giving a still birth rate of 9.7 as against 9.8 in 2004. The number of still births forecast for the Island of Mauritius and the Island of Rodrigues in 2005 are 170 (rate of 9.4) and 15 (rate of 15.9) respectively.

#### **4.5 Marriages**

A total of 5,024 marriages were registered in the Republic of Mauritius during the first semester of 2005 representing a 0.6% decrease over the number registered during the same period in 2004 (5,053). The number of marriages forecast for 2005 is 11,330 giving a crude marriage rate of 18.2 as against 18.5 in 2004. The expected number of marriages in 2005 for the Island of Mauritius and the Island of Rodrigues are 11,100 (rate of 18.4) and 230 (rate of 12.5) respectively.

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**NOTES**

1. Vital Statistics : The statistics pertaining to vital events which include live births, deaths, still births, marriages and divorces.
2. Sex ratio : The number of males to every 100 females.
3. Natural increase : The excess of live births over deaths.
4. Crude birth rate : The number of live births in a year per 1,000 mid-year population.
5. Crude death rate : The number of deaths in a year per 1,000 mid-year population.
6. Infant mortality rate : The number of deaths in a year of infants aged under one year per 1,000 live births during the year.
7. Still birth rate : The number of still births in a year per 1,000 total births (live births and still births) during the year.
8. Marriage rate : The number of persons married in a year per 1,000 mid-year population.
9. Divorce rate : The number of persons to whom divorce is granted in a year per 1,000 mid-year population.

**Table 1 - Estimated resident population - Republic of Mauritius, 1st July 2005** <sup>1/</sup>

Island	Both sexes	Male	Female	Sex ratio	Area (km <sup>2</sup> )	Population density (per km <sup>2</sup> )
Mauritius	1,206,392	596,515	609,877	97.8	1,864.8	647
Rodrigues	36,907	18,291	18,616	98.3	104.0	355
Other	289	193	96	201.0	71.2	4
<b>Republic</b>	<b>1,243,588</b>	<b>614,999</b>	<b>628,589</b>	<b>97.8</b>	<b>2,040.0</b>	<b>610</b>

**Table 2 - Estimated resident population by sex - Republic of Mauritius, 2003 - 2005****(Mid-year estimates)**

Year	Both sexes	Male	Female	Sex ratio	Density per km <sup>2</sup>
2003	1,223,100	605,277	617,823	98.0	600
2004	1,233,675	610,301	623,374	97.9	605
2005 <sup>1/</sup>	1,243,588	614,999	628,589	97.8	610

**Table 3 - Components of population growth during the first semester of****2004 and 2005, Republic of Mauritius** <sup>2/</sup>

Components of population growth	2004	2005 <sup>3/</sup>
<b><u>Resident population as at beginning of year</u></b>	<b><u>1,227,839</u></b>	<b><u>1,237,772</u></b>
<i>Live births, January-June</i>	9,922	9,631
<i>Deaths, January-June</i>	4,153	4,154
<b><u>Natural increase, January-June</u></b>	<b><u>5,769</u></b>	<b><u>5,477</u></b>
<i>Arrival of residents, January-June</i>	80,004	83,584
<i>Departure of residents, January-June</i>	80,226	83,534
<b><u>Net international migration, January-June</u></b>	<b><u>-222</u></b>	<b><u>50</u></b>
<b><u>Resident population as at mid-year</u></b>	<b><u>1,233,386</u></b>	<b><u>1,243,299</u></b>

1/ provisional; based on the adjusted 2000 population census data.

2/ excluding other islands (Agalega and St Brandon), where 289 residents were enumerated at the 2000 Census.

3/ provisional

**Table 4 - Vital statistics, 2004 - 2005***(a) Republic of Mauritius*

<b>Vital events</b>	<b>Jan-June 2004</b>	<b>Year 2004</b>	<b>Jan-June 2005 <sup>2/</sup></b>
<b>Live births</b>	9,922	19,230	9,631
<b>Deaths</b>	4,153	8,475	4,154
<b>Natural increase</b>	5,769	10,755	5,477
<b>Marriages</b>	5,053	11,385	5,024
<b>Infant deaths</b>	160	277	141
<b>Still births</b>	113	191	93
<b>Divorces</b>	...	1,162	...

*(b) Island of Mauritius*

<b>Vital events</b>	<b>Jan-June 2004</b>	<b>Year 2004</b>	<b>Jan-June 2005 <sup>2/</sup></b>
<b>Live births</b>	9,421	18,285	9,160
<b>Deaths</b>	4,054	8,259	4,043
<b>Natural increase</b>	5,367	10,026	5,117
<b>Marriages</b>	4,962	11,138	4,933
<b>Infant deaths</b>	145	256	133
<b>Still births</b>	98	167	86

*(c) Island of Rodrigues*

<b>Vital events</b>	<b>Jan-June 2004</b>	<b>Year 2004</b>	<b>Jan-June 2005 <sup>2/</sup></b>
<b>Live births</b>	501	945	471
<b>Deaths</b>	99	216	111
<b>Natural increase</b>	402	729	360
<b>Marriages</b>	91	247	91
<b>Infant deaths</b>	15	21	8
<b>Still births</b>	15	24	7

1/ excluding Agalega and Saint Brandon

2/ provisional

... not available

**Table 5 - Vital statistics rates, 2003 -2005** <sup>1/</sup>*(a) Republic of Mauritius*

Rate	2003	2004	2005 <sup>2/</sup>
Crude birth rate	15.8	15.6	15.2
Crude death rate	7.0	6.9	6.8
Rate of natural increase	8.8	8.7	8.4
Crude marriage rate	17.7	18.5	18.2
Infant mortality rate	12.9	14.4	14.0
Still birth rate	11.2	9.8	9.7
Divorce rate	1.9	1.9	...

*(b) Island of Mauritius*

Rate	2003	2004	2005 <sup>2/</sup>
Crude birth rate	15.6	15.3	15.0
Crude death rate	7.0	6.9	6.8
Rate of natural increase	8.6	8.4	8.2
Crude marriage rate	17.8	18.6	18.4
Infant mortality rate	12.4	14.0	13.9
Still birth rate	10.9	9.1	9.4

*(c) Island of Rodrigues*

Rate	2003 <sup>3/</sup>	2004 <sup>3/</sup>	2005 <sup>4/</sup>
Crude birth rate	23.6	24.5	25.2
Crude death rate	6.0	6.1	6.5
Rate of natural increase	17.6	18.4	18.7
Crude marriage rate	13.4	13.3	12.5
Infant mortality rate	23.2	20.7	16.1
Still birth rate	17.1	19.6	15.9

1/ refer to explanatory notes

2/ forecast

3/ because of the small number of events registered in Rodrigues, the rates have been calculated by taking the average for a period of three years so as to remove wide fluctuations.

4/ based on projected events for the year only

... not available