

## PROVISIONAL FIGURES OF POPULATION AND VITAL STATISTICS,

DECEMBER 1990

### A. Mauritius

1. Provisional estimates show that the total population of the State of Mauritius reached 1,091,700 at the end of 1990. This figure represents a net increase of 10,000 persons over the corresponding population estimate for the year 1989 which was 1,081,700. For Mauritius as a whole, the growth rate of population in 1990 was 0.9 per cent, compared to 0.8 per cent in 1989.

The density of population in 1990 was 535 persons per square kilometer, 5 more than in 1989. The sex ratio was 99.2 males per 100 females in 1990 compared to 98.9 in 1989.

### B. Island of Mauritius

#### 2. Population estimates as at December 1990

Between 1989 and 1990, the total population of the island of Mauritius increased by 9,800 persons, from 1,043,600 to 1,053,400. The growth rate of the population in 1990 was 0.9 per cent compared to 0.8 per cent in 1989.

With a total land area of approximately 1,865 km<sup>2</sup>, the population density in 1990 was 565 persons per square kilometer compared to 560 for 1989. The overall sex ratio of the population was 98.8 males per 100 females, just slightly higher than the figure of 98.6 for 1989.

#### 3. Components of population growth during the year 1990

Any population grows by way of natural increase (the excess of births over deaths) and net external migration (the balance of arrivals over departures). During the year 1990, natural increase added 14,950 persons (or 1.4 per cent) to the total population of the island while net migration accounted for a deficit of 5,150 persons (or 0.5 per cent). Therefore the net rate of growth of the population amounted to 0.9 per cent during the year.

#### 4. Population estimates by age group and sex as at June 1990

Besides those made as at December 1990, population estimates as at June 1990 are also available. These mid-year estimates are essential for the calculation of various demographic rates, either for the total population or for specific age-sex groups. The estimated population by age group and sex as at mid-year 1990 is shown in Table 4.

#### 5. Live births

A total of 21,800 births was registered during 1990, 4 per cent more than the figure for 1989 (20,950). The crude birth rate was 21.0 live births per 1,000 total mid-year population, which is about 3 per cent higher than the rate of 20.4 for 1989. The general fertility rate, which relates the number of live births to 1,000 women aged 15-49 years (i.e. women of the childbearing ages), was 76.0 in 1990 compared to 73.4 in 1989. The 1990 rate was therefore higher by about 4 per cent.

#### 6. Total deaths

There were 6,850 deaths registered in 1990 compared to 6,950 in 1989. Thus, there were about 100 (1 per cent) fewer deaths in 1990. The crude death rate for 1990 was 6.6 deaths per 1,000 total mid-year population, about 3 per cent lower than the rate of 6.8 for 1989.

#### 7. Infant deaths

The number of deaths of children under one year of age (infant deaths) was 430 in 1990, 5 per cent lower than the figure for 1989 (450). Between 1989 and 1990, there resulted a decline in the infant mortality rate, from 21.6 infant deaths per 1,000 live births to 19.6, a fall of about 9 per cent.

#### 8. Still births

The number of still births registered in 1990 was 350, about 13 per cent lower than that for 1989 which was 400. The still birth rate was down by 16 per cent, from 18.7 still births per 1,000 total births in 1989 to 15.7 in 1990. Total births include both live births and still births.

#### 9. Marriages

A total of 11,250 marriages was registered in 1990, 2 per cent more than in 1989 (11,050). The marriage rate, expressed as the number of married persons per 1,000 total mid-year population, increased just slightly from 21.5 in 1989 to 21.7 in 1990.

#### 10. Divorces

A total of 550 divorces was granted in 1990, compared to 710 in 1989. Hence, there were about 160 (23 per cent) fewer divorce decrees in 1990. The reduction in the number of divorces in 1990 occurred because fewer petitions had been "disposed of". In 1990, only 690 cases had been disposed of, compared to 905 in 1989. For both years therefore, about 80 per cent of all cases disposed of resulted in the divorce decree being granted.

The crude divorce rate, expressed as the number of divorced persons per 1,000 total mid-year population, fell from 1.4 in 1989 to 1.1 in 1990. The decline between these two dates was of the order of about 21 per cent.

## **6. Island of Rodrigues**

### 11. Population estimates as at December 1990

The population of the island of Rodrigues increased to 37,800 by the end of the year 1990. This represents an increase of 250 persons (or less than 1 per cent) over the population estimate for 1989, which was 37,550.

In 1990, growth of the population due to natural increase was 1.7 per cent while that due to net external migration was negative by 1.0 per cent. In 1989, both natural increase and net migratory flows contributed positively to the growth of the population by 1.8 per cent and 1.1 per cent respectively.

### 12. Vital statistics

The numbers of vital events registered in the island of Rodrigues each year are very small so that demographic rates calculated on an annual basis tend to fluctuate widely. To avoid this problem, the demographic rates presented in this paper (except those for the year 1990) have been calculated using the average number of events for a period of three years. The denominators of these rates (total mid-year population or otherwise) refer to the middle of the three-year period.

There were 803 live births registered in 1990 compared to 867 in 1989. Between these two dates, the crude birth rate declined by 8 per cent, from 23.0 in 1989 to 21.2 in 1990. The decline of fertility in the island of Rodrigues in 1990, continues a trend which started about a decade ago.

A total of 177 deaths was registered in 1990, compared to 203 in 1989. The crude death rate fell from 5.0 in 1989 to 4.7 in 1990, indicating a fall of 6 per cent.

The number of infant deaths registered in 1990 was 28 compared to 46 in 1989. This resulted in a decline of 14 per cent in the infant mortality rate, from 40.7 in 1989 to 34.9 in 1990.

A total of 16 still births was registered in 1990, the same as in 1989. The still birth rate declined from 21.1 in 1989 to 19.5 in 1990, indicating a decline of 8 per cent.

The number of marriages registered in 1990 was 177, about 10 per cent higher than that registered in 1989. The crude marriage rate was estimated at 9.2 in 1990 compared to 9.0 in 1989.

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Table 1 - Estimated end-of-year total population of Mauritius, 1990

| Island    | B. sexes  | Male    | Female  | Sex Ratio | Area in km <sup>2</sup> | Density per km <sup>2</sup> |
|-----------|-----------|---------|---------|-----------|-------------------------|-----------------------------|
| Mauritius | 1,053,415 | 523,563 | 529,852 | 98.8      | 1,864.8                 | 565                         |
| Rodrigues | 37,782    | 19,816  | 17,966  | 110.3     | 104.0                   | 363                         |
| Other     | 500       | 350     | 150     | 233.3     | 71.2                    | 7                           |
| Mauritius | 1,091,697 | 543,729 | 547,968 | 99.2      | 2,040.0                 | 535                         |

Table 2 - Estimated end-of-year total population, Island of Mauritius, 1986-90

| Year              | B. sexes  | Male    | Female  | Sex ratio | Density per km <sup>2</sup> |
|-------------------|-----------|---------|---------|-----------|-----------------------------|
| 1988              | 1,035,592 | 515,848 | 519,744 | 99.3      | 555.3                       |
| 1989              | 1,043,631 | 518,177 | 525,454 | 98.6      | 559.6                       |
| 1990 <sup>1</sup> | 1,053,415 | 523,563 | 529,852 | 98.8      | 564.9                       |

Table 3 - Components of population growth in the Island of Mauritius, 1989 and 1990

| Components of population growth           | 1989             | 1990 <sup>1</sup> |
|---|------------------|-------------------|
| <u>Population as at beginning of year</u> | <u>1,035,592</u> | <u>1,043,631</u>  |
| Live births                               | 20,955           | 21,801            |
| Deaths                                    | 6,946            | 6,857             |
| <u>Natural increase</u>                   | <u>+14,009</u>   | <u>+14,944</u>    |
| Total arrivals                            | 379,080          | 416,540           |
| Total departures                          | 385,050          | 421,700           |
| <u>Net migration</u>                      | <u>-5,970</u>    | <u>-5,160</u>     |
| <u>Population as at end of year</u>       | <u>1,043,631</u> | <u>1,053,415</u>  |

<sup>1</sup> provisional

Table 4 - Total mid-year population by age and sex, Island of Mauritius, 1990

| Age-group<br>(years) | Male    | Female  | Both sexes |            |
|----------------------|---------|---------|------------|------------|
|                      |         |         | Number     | Percentage |
| Under 1              | 10,532  | 10,229  | 20,761     | 2.0        |
| 1-4                  | 38,673  | 36,190  | 74,863     | 7.2        |
| 5-9                  | 52,377  | 49,337  | 101,714    | 9.8        |
| 10-14                | 56,043  | 54,129  | 110,172    | 10.6       |
| 15-19                | 47,269  | 45,601  | 92,870     | 9.0        |
| 20-24                | 51,235  | 49,807  | 101,042    | 9.8        |
| 25-29                | 53,999  | 51,590  | 105,589    | 10.2       |
| 30-34                | 44,112  | 45,484  | 89,596     | 8.6        |
| 35-39                | 38,832  | 41,129  | 79,961     | 7.7        |
| 40-44                | 29,379  | 29,346  | 58,725     | 5.7        |
| 45-49                | 21,260  | 23,772  | 45,032     | 4.3        |
| 50-54                | 18,251  | 21,428  | 39,679     | 3.8        |
| 55-59                | 16,951  | 16,336  | 33,287     | 3.2        |
| 60-64                | 14,525  | 14,424  | 28,949     | 2.8        |
| 65-69                | 11,501  | 13,367  | 24,868     | 2.4        |
| 70-74                | 5,682   | 7,676   | 13,358     | 1.3        |
| 75-79                | 3,981   | 5,838   | 9,819      | 1.0        |
| 80-84                | 1,290   | 2,841   | 4,131      | 0.4        |
| 85 +                 | 483     | 1,934   | 2,417      | 0.2        |
| All ages             | 516,375 | 520,458 | 1,036,833  | 100.0      |

Table 5 - Vital statistics, Island of Mauritius, 1988-90

| Vital statistics    | 1988      | 1989      | 1990 <sup>1</sup> |
|---------------------|-----------|-----------|-------------------|
| Mid-year population | 1,016,596 | 1,026,813 | 1,036,833         |
| Live births         | 20,057    | 20,955    | 21,801            |
| Deaths              | 6,699     | 6,946     | 6,857             |
| Natural increase    | 13,358    | 14,009    | 14,944            |
| Marriages           | 11,283    | 11,040    | 11,253            |
| Divorces            | 740       | 711       | 549               |
| Infant deaths       | 441       | 452       | 428               |
| Still births        | 351       | 399       | 348               |

<sup>1</sup> provisional

Table 6 - Vital statistics rates, Is. of Mauritius, 1988-90

| Vital statistics rates   | 1988 | 1989 | 1990 <sup>1</sup> |
|--------------------------|------|------|-------------------|
| Crude birth rate         | 19.7 | 20.4 | 21.0              |
| Crude death rate         | 6.6  | 6.8  | 6.6               |
| Rate of natural increase | 13.1 | 13.6 | 14.4              |
| Crude marriage rate      | 22.2 | 21.5 | 21.7              |
| Crude divorce rate       | 1.5  | 1.4  | 1.1               |
| Infant mortality rate    | 22.0 | 21.6 | 19.6              |
| Still birth rate         | 17.2 | 18.7 | 15.7              |

<sup>1</sup> provisional

Table 7 - Vital statistics by month of registration, Island of Mauritius, 1989 and 1990<sup>1</sup>

| Month/Year       | Live births   | Deaths       | Marriages     | Infant deaths | Still births |
|------------------|---------------|--------------|---------------|---------------|--------------|
| January          | 1,729         | 563          | 741           | 45            | 31           |
| February         | 1,601         | 472          | 704           | 48            | 32           |
| March            | 1,904         | 528          | 798           | 32            | 41           |
| April            | 1,704         | 542          | 898           | 40            | 21           |
| May              | 1,881         | 575          | 947           | 35            | 39           |
| June             | 1,699         | 597          | 973           | 34            | 46           |
| July             | 1,752         | 628          | 870           | 34            | 27           |
| August           | 1,829         | 640          | 967           | 39            | 27           |
| September        | 1,740         | 683          | 834           | 37            | 36           |
| October          | 1,898         | 608          | 1,011         | 33            | 35           |
| November         | 1,654         | 565          | 1,131         | 41            | 35           |
| December         | 1,564         | 545          | 1,166         | 34            | 29           |
| <b>Year 1989</b> | <b>20,955</b> | <b>6,946</b> | <b>11,040</b> | <b>452</b>    | <b>399</b>   |
| January          | 1,873         | 652          | 679           | 33            | 34           |
| February         | 1,537         | 471          | 659           | 37            | 22           |
| March            | 1,843         | 536          | 684           | 33            | 22           |
| April            | 1,827         | 515          | 962           | 35            | 32           |
| May              | 1,866         | 549          | 997           | 27            | 22           |
| June             | 1,891         | 572          | 1,073         | 44            | 24           |
| July             | 1,838         | 666          | 965           | 48            | 27           |
| August           | 1,822         | 650          | 1,050         | 31            | 41           |
| September        | 1,753         | 603          | 863           | 43            | 26           |
| October          | 1,934         | 577          | 997           | 37            | 42           |
| November         | 1,884         | 519          | 1,111         | 31            | 29           |
| December         | 1,733         | 547          | 1,213         | 29            | 27           |
| <b>Year 1990</b> | <b>21,801</b> | <b>6,857</b> | <b>11,253</b> | <b>428</b>    | <b>348</b>   |

<sup>1</sup> provisional



Table 8 - Estimated end-of-year total population, Island of Rodrigues, 1986-90

| Year              | B. sexes | Male   | Female | Sex ratio | Density per km <sup>2</sup> |
|-------------------|----------|--------|--------|-----------|-----------------------------|
| 1988              | 36,465   | 18,674 | 17,791 | 105.0     | 350.6                       |
| 1989              | 37,538   | 19,419 | 18,119 | 107.2     | 360.9                       |
| 1990 <sup>1</sup> | 37,782   | 19,816 | 17,966 | 110.3     | 363.3                       |

<sup>1</sup> provisional

Table 9 - Components of population growth, Is. of Rodrigues, 1989 and 1990

| Population and components of growth       | 1989          | 1990 <sup>1</sup> |
|---|---------------|-------------------|
| <u>Population as at beginning of year</u> | <u>36,465</u> | <u>37,538</u>     |
| Live births                               | 867           | 803               |
| Deaths                                    | 203           | 177               |
| <u>Natural increase</u>                   | <u>+664</u>   | <u>+626</u>       |
| Total arrivals                            | 11,501        | 13,110            |
| Total departures                          | 11,092        | 13,492            |
| <u>Net migration</u>                      | <u>+409</u>   | <u>-382</u>       |
| <u>Population as at end of year</u>       | <u>37,538</u> | <u>37,782</u>     |

<sup>1</sup> provisional

Table 10 - Vital statistics, Island of Rodrigues, 1988-90

| Vital statistics    | 1988   | 1989   | 1990 <sup>1</sup> |
|---------------------|--------|--------|-------------------|
| Mid-year population | 36,485 | 37,046 | 37,814            |
| Live births         | 884    | 867    | 803               |
| Deaths              | 180    | 203    | 177               |
| Natural increase    | 704    | 664    | 626               |
| Marriages           | 170    | 157    | 173               |
| Infant deaths       | 30     | 46     | 28                |
| Still births        | 23     | 16     | 16                |

<sup>1</sup> provisional

Table 11 - Vital statistics rates, Is. of Rodrigues, 1988-90

| Vital statistics rates   | 1988 | 1989 | 1990 <sup>1</sup> |
|--------------------------|------|------|-------------------|
| Crude birth rate         | 24.1 | 23.0 | 21.2              |
| Crude death rate         | 5.1  | 5.0  | 4.7               |
| Rate of natural increase | 19.0 | 18.0 | 16.5              |
| Crude marriage rate      | 9.5  | 9.0  | 9.2               |
| Infant mortality rate    | 44.4 | 40.7 | 34.9              |
| Still birth rate         | 21.6 | 21.1 | 19.5              |

**Note:** Because of the small numbers of events registered in Rodrigues, the rates have been calculated by taking the average for a period of three years so as to avoid excessive fluctuations. The denominators of these rates (total mid-year population or otherwise) refer to the middle of the period.

<sup>1</sup> provisional and based on events for the year 1990 only.

Table 12 - Vital statistics by month of registration, Island of Rodrigues, 1989 and 1990<sup>1</sup>

| Month/Year       | Live births | Deaths     | Marriages  | Infant deaths | Still births |
|------------------|-------------|------------|------------|---------------|--------------|
| January          | 86          | 16         | 10         | 3             | 1            |
| February         | 68          | 13         | 7          | 5             | 1            |
| March            | 73          | 26         | 3          | 9             | -            |
| April            | 84          | 9          | 18         | 2             | -            |
| May              | 98          | 25         | 17         | 7             | 2            |
| June             | 68          | 18         | 13         | 5             | 1            |
| July             | 72          | 17         | 13         | 2             | 4            |
| August           | 55          | 17         | 19         | 4             | -            |
| September        | 46          | 13         | 13         | 3             | 2            |
| October          | 76          | 13         | 17         | 1             | 3            |
| November         | 74          | 20         | 15         | 4             | 2            |
| December         | 67          | 16         | 12         | 1             | -            |
| <b>Year 1989</b> | <b>867</b>  | <b>203</b> | <b>157</b> | <b>46</b>     | <b>16</b>    |
| January          | 79          | 18         | 16         | 6             | 1            |
| February         | 54          | 17         | 9          | 2             | 4            |
| March            | 64          | 16         | 9          | -             | 3            |
| April            | 73          | 17         | 13         | -             | 3            |
| May              | 68          | 11         | 11         | 1             | 1            |
| June             | 58          | 9          | 15         | 2             | -            |
| July             | 79          | 18         | 15         | 5             | 1            |
| August           | 61          | 19         | 11         | 2             | -            |
| September        | 67          | 12         | 12         | 2             | 1            |
| October          | 82          | 16         | 16         | 2             | 2            |
| November         | 60          | 11         | 30         | 2             | -            |
| December         | 58          | 13         | 16         | 4             | -            |
| <b>Year 1990</b> | <b>803</b>  | <b>177</b> | <b>173</b> | <b>28</b>     | <b>16</b>    |

<sup>1</sup> provisional