Vanuatu Bureau of Statistics
Bureau des statistiques du Vanuatu

VANUATU BUREAU OF STATISTICS

VITAL
STATISTICS REPORT

2024

Vanuatu Vital Statistics Report

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This report is available in the HTML format
HTML Version (interactive and web-friendly)

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1 Executive Summary

Welcome to the First Annual Vital Statistics Report for Vanuatu, a landmark publication by the Vanuatu Bureau of Statistics. This inaugural release represents a significant step forward in our nation's statistical reporting capabilities and our commitment to providing accurate, timely demographic information.

For the first time, we present a comprehensive compilation of vital statistics that captures the fundamental demographic indicators of our nation. This report establishes the baseline for future annual releases and reflects our dedication to maintaining systematic records of Vanuatu's population dynamics. The data used for this report is sourced from the Department of Civil Registration & Identity Management (CRIM) – Birth & Marriage Registration, which is essential for understanding the vital events occurring within our coverage area.

The launch of this annual report series demonstrates our progress in strengthening national statistical systems and aligning with international standards for demographic reporting. It serves as a crucial reference document for government agencies, development partners, researchers, and the public, providing essential data for evidence-based decision-making.

2 Acknowledgement

3 Completeness

Completeness assesses what proportion of the events (births and deaths) we intended to capture in our coverage area.[1]

3.1 Completeness of Birth Records

Measuring the completeness of birth registration involves dividing the number of births registered within the year(s) of occurrence by the total estimated number of births for the same period, then multiplying by 100 to express it as a percentage.

$$\text{Completeness}(\%) = \left(\frac{\text{Number of Births Registered}}{\text{Total Estimated Number of Births}} \right) \times 100$$

3.2 Completeness of Death Records
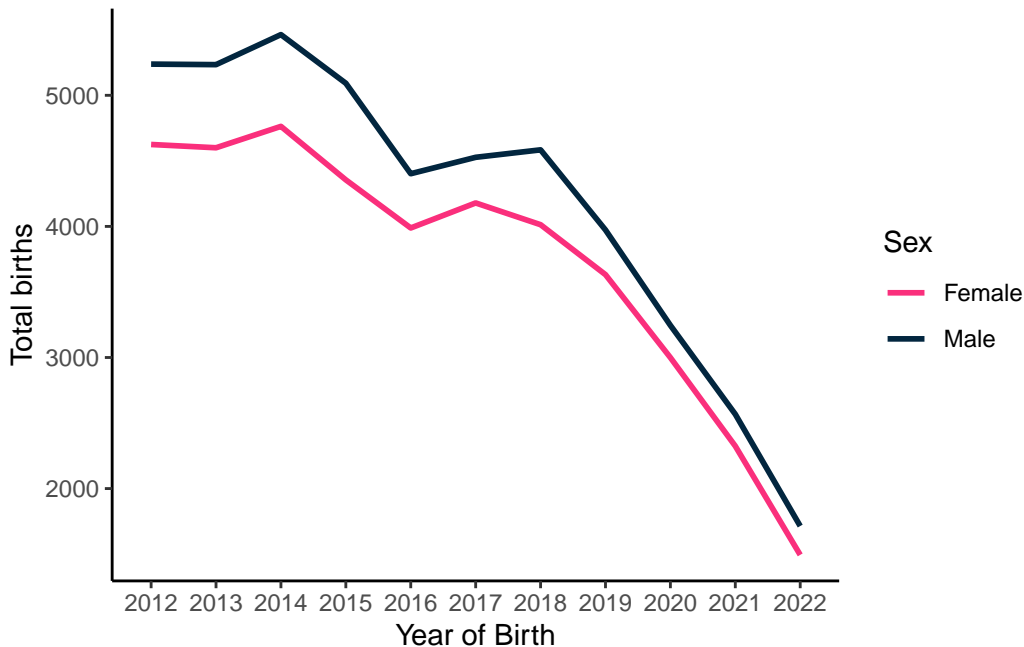
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3.3 Data Limitation

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4 Birth

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[1]Data Analysis and Report Writing for Civil Registration and Vital Statistics, p. 5.

4.1 Total births recorded by sex and year

The total number of female births in 2012 was 4,625 and the total number of male births was 5,238. In 2013, the total number of female births was 4,600 and the total number of male births was 5,234. By 2022, the total number of female births was 1,494 and the total number of male births was 1,714.

From 2012 to 2022, the total number of female births showed an overall decrease, starting with 4,625 in 2012 and reaching 1,494 in 2022. Similarly, male births displayed an overall decrease over the same period, moving from 5,238 to 1,714.

Comparatively, the growth rate for male births was slightly higher, indicating a diverging trend by 2022.

4.2 Crude Birth Rate

The Crude Birth Rate (CBR) is a demographic indicator that represents the number of live births occurring in a specific population over a given year, expressed per 1,000 people. It is calculated as the ratio of the total number of births to the total population, multiplied by 1,000.

Mathematically, it's defined as:

$$\text{CBR}(\%) = \left(\frac{\text{Total Number of Live Births in a Year}}{\text{Total Population in the Same Year}} \right) \times 1000$$

CBR provides a general measure of birth frequency within a population, helping to assess population growth trends and the reproductive behavior of a society.

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4.3 Sex Ratio at Birth

The Sex Ratio at Birth (SRB) is a demographic metric that measures the ratio of male to female live births within a population, typically expressed as the number of male births per 100 female births.

Table 1: Sex Ratio at Birth by Year

Year of Birth	Sex Ratio
2012	113
2013	114
2014	115
2015	117
2016	110
2017	108
2018	114
2019	109
2020	108
2021	110
2022	115

The Sex Ratio at Birth in 2012 was . By 2022, the Sex Ratio at Birth was .

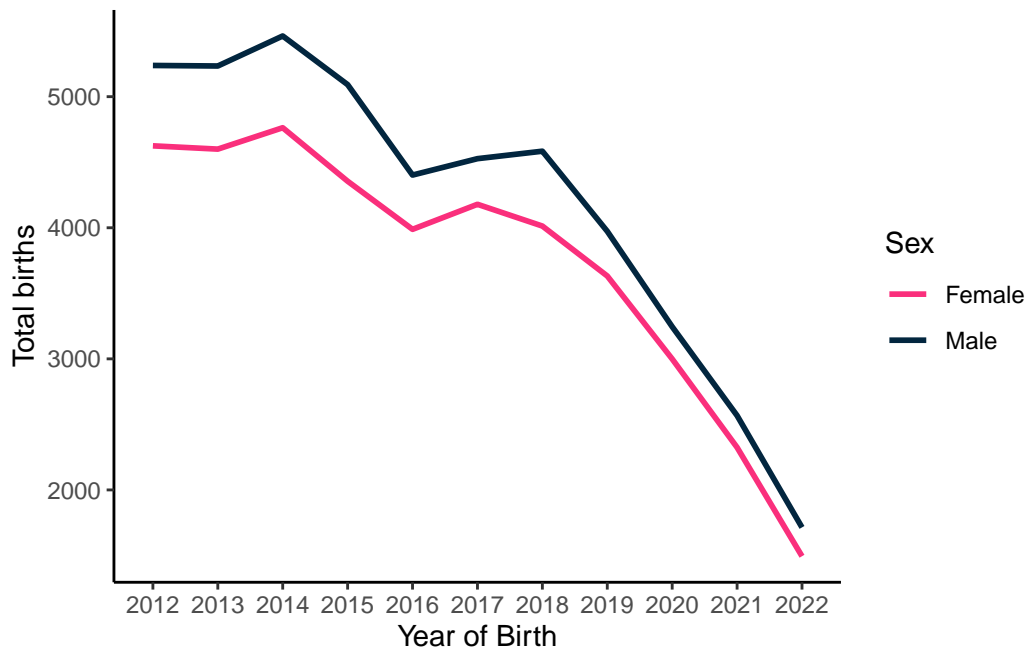### 4.4 Age Specific Fertility Rate (ASFR)

5 Death

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5.1 Recorded deaths by sex and year

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Figure 1: Sex Ratio by Year

5.2 Recorded deaths by ages and sex

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5.3 Age Specific Death Rate (ASDR)

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5.4 Life Expectancy at Birth

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5.5 Infant Mortality Rate (IMR)

- Content here

5.6 Causes of Death (Top 10)

- Content here

6 Marriage

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6.1 Number of Registered marriages by age

- Content here

6.2 Status of Marriage

- Content here

6.3 Crude Marriage Rate (CMR)

- Content here

Appendix

Table 2: Total births recorded by sex and year

Year of Birth	Female	Male
2012	4625	5238
2013	4600	5234
2014	4763	5463
2015	4355	5092
2016	3988	4402
2017	4179	4527
2018	4013	4584
2019	3632	3973
2020	2999	3245
2021	2324	2567
2022	1494	1714