



Social Statistics Release

Vital, Migration and Population Estimates

Release 5-2024

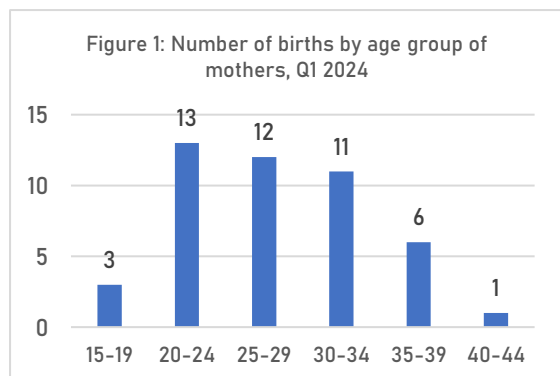
Central Statistics division – Collection & Surveys

KEY INDICATORS

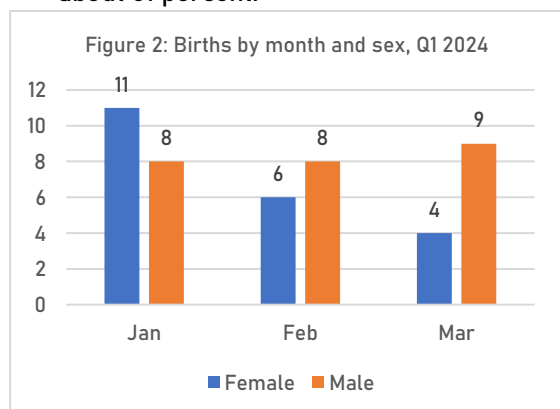
Indicator	Description	Period	Source	Value
P1	Estimated resident population	Q1 2024	CSD	9,853
P1.1	Male	Q1 2024	CSD	5,030
P1.2	Female	Q1 2024	CSD	4,823
P1.2.1	Estimated number of women aged 15-44	Q1 2024	CSD	2,041
B1	Total number of births	Q1 2024	PMH	46
B1.1	Male	Q1 2024	PMH	25
B1.2	Female	Q1 2024	PMH	21
F1	Fertility rate (births per 1,000 women aged 15-44)	Q1 2024	CSD	23
D1	Total number of deaths	Q1 2024	PMH	25
D1.1	Male	Q1 2024	PMH	15
D1.2	Female	Q1 2024	PMH	10
M1	Mortality rate (deaths per 1,000)	Q1 2024	CSD	3
M1.1	Male	Q1 2024	CSD	3
M1.2	Female	Q1 2024	CSD	2
NI	Natural Increase	Q1 2024	CSD	21
T1	Total number of arrivals	Q1 2024	IMMIGRATION	1,739
T1.1	Visitors	Q1 2024	IMMIGRATION	853
T1.2	Residents	Q1 2024	IMMIGRATION	886
T2	Total number of departures	Q1 2024	IMMIGRATION	2,146
T2.1	Visitors	Q1 2024	IMMIGRATION	932
T2.2	Residents	Q1 2024	IMMIGRATION	1,214
NM	Net migration	Q1 2024	CSD	- 407

VITALS

BIRTHS

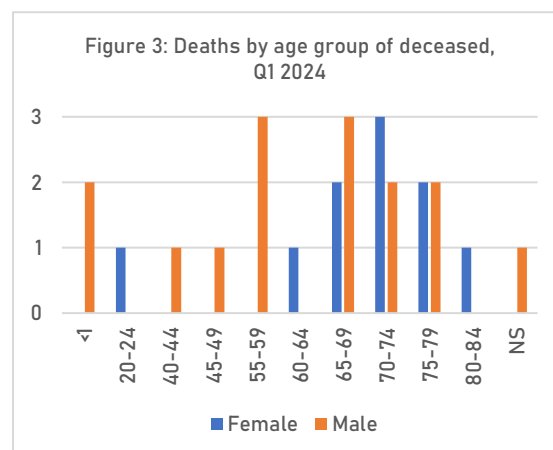


- The total number of births for the first quarter of 2024 was 46 which is a 7 percent increase compared to the number of births in the fourth quarter of 2023.
- The highest occurrence of births were mothers aged 20-24.
- The proportion of births by mothers between the age groups 15-19 to 25-29 is about 61 percent.

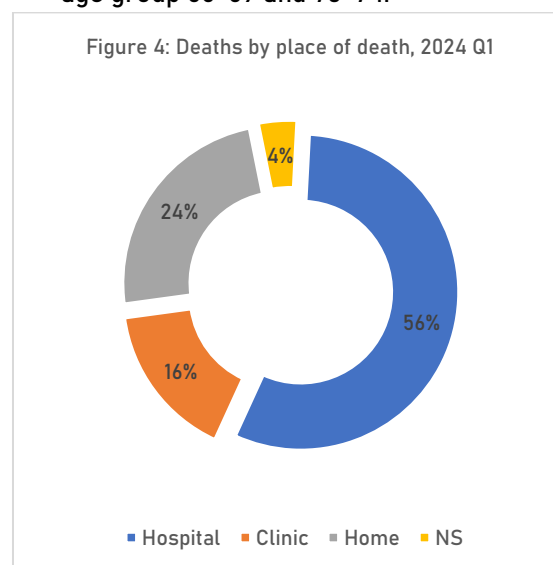


- Overall, the birth of male children is slightly higher than female children. About 119 males for every 100 births of female children in the first quarter of 2024 compared to 115 in the fourth quarter of 2023.
- The month with the highest incidence of births in 2023 was January.

DEATHS



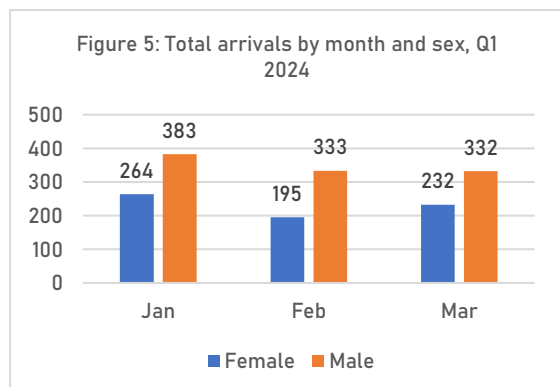
- The total number of deaths in the first quarter of 2024 was 25, a 14% decrease from the number of deaths in the fourth quarter of 2023.
- The highest incidence of deaths was in the age group 65-69 and 70-74.



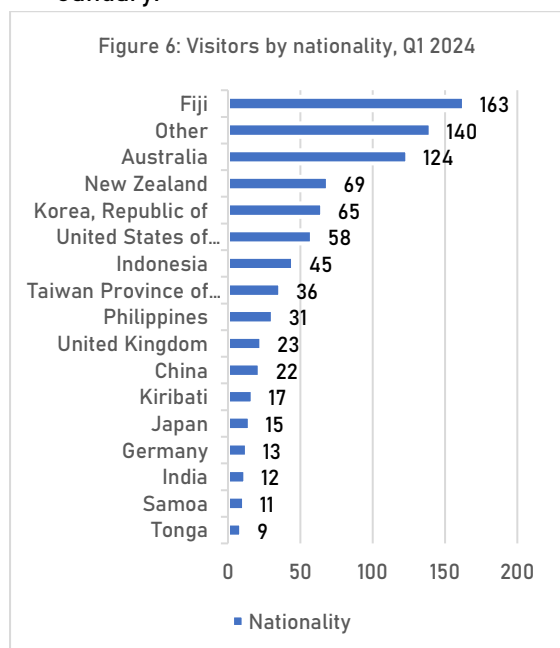
- Most deaths occur at the main hospital in Funafuti.
- About 1 in every 4 deaths occurred at home.
- There is no significant difference in the deaths of males and females in 2023.

MIGRATION

ARRIVALS

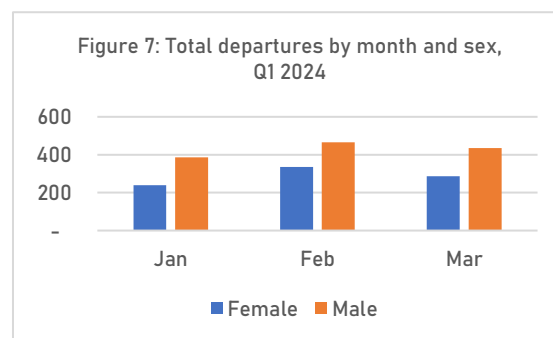


- Total arrivals for the first quarter of 2024 were 1,739, a 16 percent decrease from the total arrivals recorded for the fourth quarter of 2023.
- The month with the highest arrivals was January.

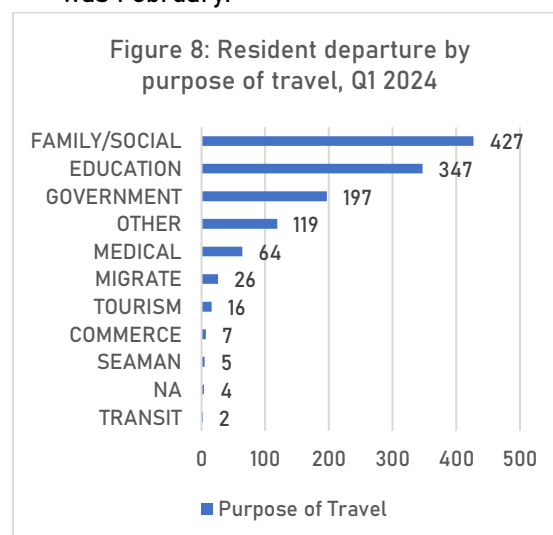


- The total number of visitors for the first quarter of 2024 was 853, an increase of 8 percent compared to the number of visitors in the fourth quarter of 2023.
- Fiji, Australia, and New Zealand make up 42 percent of the total visitors with Fiji being the highest at 19 percent.
- About 3 in every 10 visitors visited Tuvalu for a holiday and about 3 in every 10 visited Tuvalu for Government purposes.

DEPARTURES



- Total departures for the fourth quarter of 2024 were 2,146, a 2 percent decrease from the total departures in the fourth quarter of 2023.
- The month with the highest departures was February.



- The total number of resident departures in the first quarter of 2024 was 1,214 which is an 8 percent decrease compared to the first quarter of 2023.
- About 4 in every 10 residents traveled overseas for family or social purposes.
- Almost 80 percent of residents travel for family/social, education, and government purposes.
- Note that about 5 percent of residents travel for medical purposes and 2 percent migrate.

POPULATION ESTIMATES

METHODOLOGY

CSD uses migration and vital data to estimate the **resident** population for each year. The following is an overview of the process.

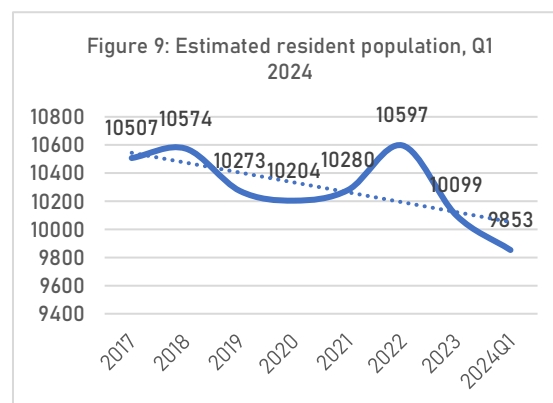
1. Cleaning of migration and vital data focusing on age, sex, and the event date¹.
2. Calculate the net migration.
3. Calculate the natural increase.
4. Starting with the resident population counts collected in 2017 as a base, the net migration and the natural increase are added to the base to get the estimates for 2018.
5. The 2018 estimate is then used as a base when estimating the population for 2019.
6. This process is repeated until an estimate for the first quarter of 2024 is calculated.

LIMITATIONS

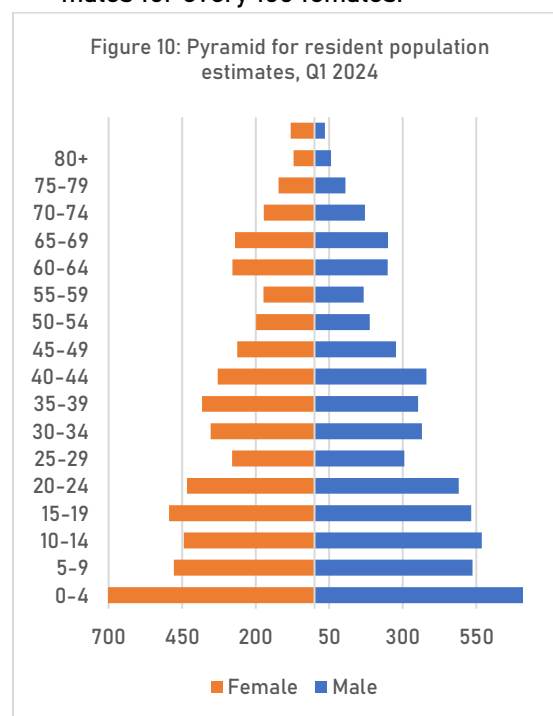
The population estimate is only as reliable as the data used to calculate it. Below are a few things that are worth taking into consideration when using the population estimates.

1. There are missing data in the microdata used for the estimates and this is no exception for the variables (age, sex, and date of event) used in the calculations.
2. The data is not always complete meaning there may be some flights that were not entered due to missing arrival and departure forms or some births and deaths that were not recorded.
3. Compilation errors by the analyst may also influence the accuracy of the population estimates.

SUMMARY



- The population estimated for the first quarter of 2024 was 9,853, a decrease of about 2.4 percent compared to the population estimated for 2023.
- It is worth noting from the section on migration that there is still a significant difference in the arrival and departure of residents.
- Furthermore, the increase in the estimate for 2022 can be due to the travel restrictions imposed due to the COVID-19 pandemic.
- The sex ratio for the 2023 estimates is 106 males for every 100 females.



¹ Event refers to an arrival, departure, birth, or death