



Government of Niue

Statistical Release:
Niue Vital Statistics
December 2018



Ministry of Finance and Planning

PH: +683 4219

Email: statsniue@mail.gov.nu

Niue ke monuina, Numela ke taki aki



INTRODUCTION

Fakaalofa lahi atu,

Statistics Niue is very happy to put out this statistical release, the Niue Vital Statistics for the months of July to December 2018, which highlights the Live births, Deaths, Causes of Deaths and Marriages of Niue.

There are five main parts with four supporting parts* to this release:

- 1. Figures at a glance;**
- 2. Births:**
 - I. Total births
 - II. Births by Location
 - III. Mothers
 - IV. Place of Births
- 3. Deaths:**
 - I. Total deaths
 - II. Death by Age Groups
 - III. Fetal and Child deaths
 - IV. Cause of Death
 - V. Deaths by Location
- 4. Marriages:**
 - I. Total Marriages
 - II. Marriages by Age groups
- 5. Others**
- *6. Definitions**
- *7. General Information and Acknowledgements**
- *8. Metadata**

Kia monuina e totouaga. Fakaauae lahi.

KimRay Vaha

Government Statistician

DISCLAIMER



Statistics Niue gives no warranty that the information or data supplied contains no errors. However all care and diligence has been used in processing, analysing and extracting the information. Therefore, Statistics Niue shall not be liable for any loss or damage suffered by the customer consequent upon the direct or indirect use of the information supplied in this publication.

1. FIGURES AT A GLANCE...

REFERENCE PERIOD	1 ST JULY to 31 ST DECEMBER 2018	
POPULATION		2017 Census ¹
	Residential Population	1591
	Resident Overseas	193
TOTAL BIRTHS		10
	Males	5
	Females	5
	Sex Ratio at Birth	100 males : 100 females
	Crude Birth Rate	6.3
	Place of Birth	
	In-Country	4
	Overseas	6
TOTAL DEATHS		10
	Males	4
	Females	6
	Crude Death Rate	6.3
NATURAL INCREASE		
	Total (Births – Deaths)	0
	Natural Growth Rate (CBR – CDR)	0/1000
TOTAL MARRIAGES		8

¹ Total residential population captured in 2017 Population and Household Census is used for the calculation of the CBR and CDR

2. BIRTHS

2.1 Total Births

For the second half of the year, there was a total of 10 births, of which 5 were boys and 5 were girls. The months with the most number of births was August (4, all girls), followed by July (3, all boys), and October (1 girl and 1 boy). November recorded 1 birth (a boy), whilst no births occurred for the month of September.

Table 2.1: Total Births by Sex: July – December 2018

Sex/Months	July	August	September	October	November	December	Total
Males	3	0	0	1	1	0	5
Females	0	4	0	1	0	0	5
Total	3	4	0	2	1	0	10

2.2 Births by Location

Table 2.2: Total Births by Location or Village of mother

Villages	Males	Females	Total
Alofi North	1	1	2
Alofi South	2	2	4
Hakupu	2	1	3
Tuapa	0	1	1
Total	5	5	10

A total of 10 mothers from 4 different village gave birth between July and December 2018. Alofi South had a total of 4 births, followed by Hakupu with 3 births, Alofi North with 2 births and 1 birth occurring in Tuapa.

2.3 'Births to Mothers in Age groups

Child bearing age groups for women commonly begin from 15 years to 49 years of age according to the United Nations World Health Organization. (UNWHO) Babies born to mothers outside this age range are possible but not common.

As shown in table 2.3 below, in the months of July to December 2018, the age groups of 20-24 and 30-34 each had a total of 3 mothers who gave birth.

Table 2.3: Total Number of Women by Age Group

Age Group	No. of Women
14 and Under	0
15-19	0
20-24	3
25-29	2
30-34	3
35-39	2
40-44	0
45 +	0
Total	10

The age groups of 25-29 and 35-39 each had a total of 2 mothers who gave birth.

There were no mothers for all other age groups.

2.4 Births by place of birth

In Niue, mothers have the option of *where* to give birth, in-country or in New Zealand. Niueans as New Zealand citizens are very fortunate to have access to specialized healthcare during pregnancy and to deliver their babies in a New Zealand hospital if desired (for aboriginal Niueans) or on medical referrals (for others).

Table 2.4: Total Number of Births by Place of Birth

Place of Birth	Total
Niue	6
New Zealand/Overseas	4
Total	10

For the period of July to December 2018, most of the births occurred overseas (6) whilst only 4 were born on island.

2.5 Birth weight of baby

An important predictor of baby's health at birth and thus its chance of survival is its weight at birth. A low birth weight can indicate a public health problem, such as long-term maternal malnutrition, ill health of the mother and poor health care. Low birth weight is considered to be less than 2.5kg (2500grams).

Only births on island recorded the birth weight of each birth. All newborns weighed above 2.5kg.

The Crude Birth Rate (CBR) for the period of July to December 2018 is 6.3 per 1,000 population. All births were handled by health professionals.

3. DEATHS

3.1 Total Deaths

For the period of July to December 2018, there was a total of 10 deaths (4 males and 6 females) were recorded.

Table 3.1 Total Numbers of Deaths by Month

Months	Males	Females	Total
July	0	2	2
August	1	1	2
September	2	0	2
October	1	1	2
November	0	2	2
December	0	0	0
Total	4	6	10

Two deaths were recorded for each month of July (all females), August (1 male, 1 female), September (all males), October (1 male, 1 female) and November (all females). There was no death recorded for the month of December.

3.2 Deaths by Age group

Table 3.2: Total Number of Deaths by Age Group and Sex

Age Groups	Males	Females	Total
0-4	0	0	0
5-14	0	0	0
15-24	0	0	0
25-34	0	0	0
35-44	0	0	0
45-54	1	0	1
55-64	1	0	1
65-74	2	0	2
75+	0	6	6
Total	4	6	10

For deaths occurring within the months of July to December 2018, all deceased were over the age of 45. Majority of deaths occurred in the age group of those age 75 years and older with a total of 6 deaths (all females).

The age group of 65-74 had a total of 2 deaths (all males), and the age group of 45-54 and 55-64 each had one death respectively (both males).

3.3 Deaths by location

It is important to note the following in regards to deaths by location:

1. If a death is to occur overseas to a resident of Niue and the body is not flown back for burial it is not recorded in the death register of Niue.
2. If a death was to occur overseas to a person of Niuean descent that was not residing in Niue for the past 12 months or more and the body is flown back to Niue for burial, it will be recorded in the death register as an overseas death.

This is crucial in terms of analyzing information on Niue's health statistics.

Table 3.4: Total Number of Deaths by Village

Village	Total
Alofi South	3
Alofi North	2
Hikutavake	1
Tuapa	1
Liku	1
Vaiea	1
Tamakautoga	1
Total	10

Three deaths occurred in the village of Alofi South, and two deaths in the village of Alofi North.

The villages of Hikutavake, Tuapa, Liku, Vaiea, and Tamakautoga each had one death respectively.

Of the 10 deaths, 2 deaths occurred overseas and were flown to Niue for burial.

3.4 Fetal and Child Deaths

There were no fetal or child deaths registered this period ending December 2018.

3.5 Cause of Death

Table 3.3: Total Number of Deaths by Cause of Death

ICD Codes	Causes of Death	Total
1-051	Endocrine, nutritional and metabolic diseases	3
1-064	Diseases of the circulatory system	3
1-072	Diseases of the respiratory system	1
1-078	Diseases of the digestive system	2
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1
Total		10

Table 3.3 shows the causes of death by international statistical codes for underlying causes of deaths. Of the 10 registered deaths, 3 deaths were attributed to diabetes

and heart diseases respectively. 2 deaths were attributed to digestive system diseases and 1 death for respiratory diseases and symptoms nowhere else classified respectively.

The Crude Death Rate (CDR) for the period of July to December 2018 is 6.3 per 1,000 population.

4. MARRIAGES

4.1 Total Marriages

Table 4.1 Total Number of Marriages by Month

In total there were 8 registered marriages in between July and December 2018. July recorded the most number of marriages, 3, and September recorded 2 marriages.

August, November, and December all recorded at least 1 marriage. No marital ceremonies occurred in the month of October.

Of the registered marriages, 4 marriages were to residents of Niue and the rest were visitors to the island.

Month	Number
July	3
August	1
September	2
October	0
November	1
December	1
Total	8

4.2 Marriages by Age groups

Table 4.2: Total number of Marriages by Gender & Age Groups

Age groups	Males	Females	Total
15-19	0	0	0
20-24	1	1	2
25-29	1	2	3
30-34	4	4	8
35-39	1	0	1
40-44	0	0	0
45-49	0	0	0
50-59	0	0	0
60-64	0	0	0
65+	1	1	2
Total	8	8	16

Table 4.2 shows the sex of the bride and groom at the time of marriage by age groups.

There were no marriages under the age of 20 for both males and females.

The age group of 30-34 had the highest number of people getting married (4 males and 4 females). The age group of 25-29 had a total of 3 people getting married (1 male and 2 females).

This was followed by those age 20-24 and 65+, each with 2 people (1 male and 1 female) in the respective age groups. Only one person was age between the age group of 35-39 (male).

5. OTHERS

Other areas of vital statistics such as Divorce, Annulment, Separation, Adoption, Legitimizing, and Recognition were not common in Niue therefore being omitted in the compilations. However if they happen to occur and became a common occurrence it will be included in the future releases.

6. DEFINITIONS

Live Birth: is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered live born *(all live born infants should be registered and counted as such, irrespective of gestational age or whether live or dead at time of registration, and if they die at any time following birth they should also be registered and counted as deaths)*.

Crude Birth Rate (CBR): (per 1000 population) is the annual number of live births occurring per thousand mid-year population.

Death: is the permanent disappearance of all evidence of life at any time after live birth has taken place (post natal cessation of vital functions without capability of resuscitation)-*this definition excludes foetal deaths, which are defined separately.*

Foetal Death (Deadborn Foetus): is death prior to the complete expulsion or extraction from its mother or a product of conception, irrespective of the duration of the pregnancy; the death is indicated by the fact that after such separation the foetus does not breathe or show any other evidence of life, such as beating of the heart,

pulsation of the umbilical cord or definite movement of voluntary muscles-note that this definition broadly includes all terminations of pregnancy other than live births.

Crude Death Rate (CDR): (per 1000 population) is the annual number of deaths occurring per thousand midyear population.

Marriage: is the act, ceremony or process by which the legal relationship of husband and wife is constituted. This legality of the union may be established by civil, religious or other means, as recognized by the laws of each country.

7. GENERAL INFORMATION & ACKNOWLEDGEMENTS

USES OF VITAL STATISTICS

Vital statistics are an essential input for the planning of human development. Knowledge of the size and characteristics of a country's population on a timely basis is a prerequisite to socioeconomic planning. Because a population increases by the addition of live births and decreases by the subtraction of deaths, information about the number of live births and deaths occurring in a population is crucial for estimating the natural increase (or decrease) and the annual change in population size and structure for that population.

Information on the number of live births occurring over a time period, classified by various characteristics of the women giving birth, constitutes the basis for analysis of the dynamics of reproduction.

Information on deaths, classified by various characteristics of the deceased, especially age and sex, is necessary for calculating life-tables and estimating the probability of dying at various ages.

The fertility and mortality estimates thus derived are essential for a variety of purposes, including an understanding of the growth dynamics of the population concerned; an

assessment of the human aspects of Socioeconomic development; the measurement of the risks of dying for males and females at specific ages for insurance and social security purposes; and for population projections. **(Principles and Recommendations for a Vital Statistics System. Rev2 UNDESA)**

Statistics Niue of the EPDS would like to acknowledge the effort of the staff concerned in keeping the data updated and for the delivery of the cards and ensuring that the information contained therein is relevant and useful to all users and stakeholders.

8. METADATA

In Brief: The information contained herein this release was extracted from:

- Official Registrations of the **Department of Justice, Lands and Survey (DJLS)**
- Arrival Cards from the **Statistics and Immigration Office, Finance and Planning**

It's important to note the following difficulties that often affect the outcome of the information.

Some mothers choose to travel to New Zealand to give birth and on return only some will register their babies with DJLS. For those babies that are not registered with DJLS, Statistics Niue are still able to get information by using the arrival cards, however the information on the arrival cards may contain error or it may not be completed correctly. Common examples include incorrect or failing to complete the birth date and/or gender of the child.

There are cases of which death occurs in New Zealand and the body is flown back to Niue for burial. These deaths are received by the Civil Registry Office in order to receive the burial permit and are essentially re-registered at the Civil Registry Office of Niue as a death.

Report prepared by;

Fanuma Sioneholo
Statistics and Immigration Office
Finance and Planning
Niue Public Service Building
Alofi
NIUE

For further information concerning this release please contact:

KimRay Vaha
Government Statistician
Statistics and Immigration Office
Finance and Planning
Alofi
NIUE
Ph: +683 4219
Email: statsniue@mail.gov.nu