

MINISTRY OF FINANCE AND ECONOMIC MANAGEMENT
GOVERNMENT OF THE COOK ISLANDS
COOK ISLANDS
STATISTICAL BULLETIN

VITAL STATISTICS AND POPULATION ESTIMATES
SEPTEMBER QUARTER 2021

Population Estimates

Cook Islands Total Population estimate for September quarter 2021 was 16,400 showing a decrease of 10.4% when compared to June quarter 2021. Resident population is currently estimated at 16,000 for September 2021 quarter.

Births

Total births recorded for this quarter was 48, a slight decrease of 2.1 % when compared to previous quarter (47 births). This averages to 4 births per week. The number of births to women aged 20-24 (16 births) showed the highest for September quarter 2016, followed by women aged 30-34 (14 births).

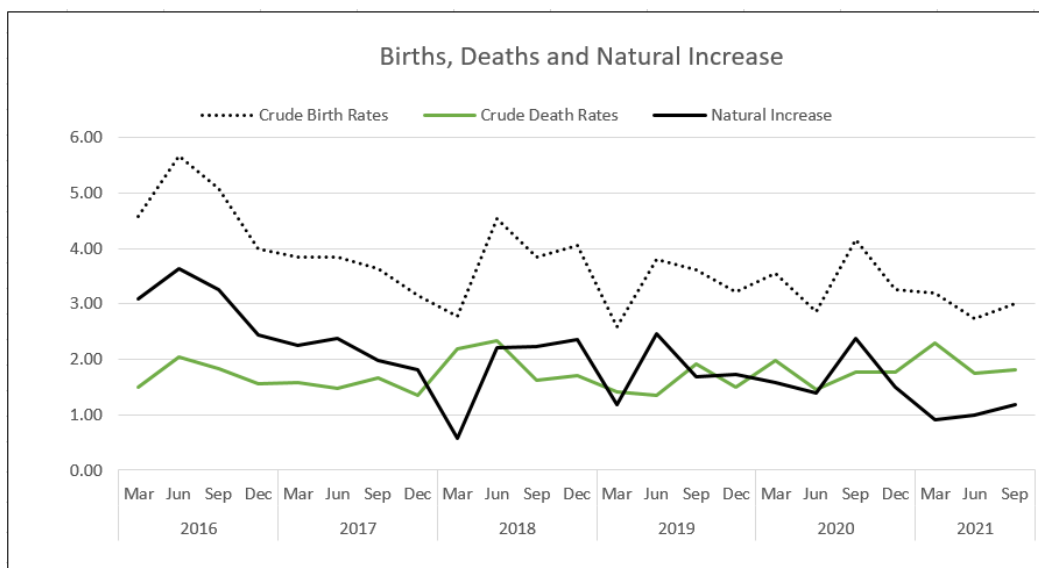
The quarterly crude birth rate (number of births per 1000 population) stood at 3.0, giving an average of 3 children born to every thousand population.

Deaths

Total number of deaths recorded for September quarter 2021 was 29 an average of two deaths per week, showing a decrease of 3.3% (1 death) when compared to June quarter 2021 (30 deaths). The crude death rate stood at 1.8, this means two death to every thousand population. There were no infant death registered for this quarter.

Marriages

Total marriages officiated for this quarter was 27 showing a slight increase of 22.7% (5 marriages) when compared to June quarter 2021 (22 marriages).



Further information about this release can be obtained from the Statistics Office.

Taggy Tangimetua
Government Statistician
October 2021

Explanatory Notes

Introduction

The Population and Vital Statistics reports on the total and resident population estimate base on vital events of birth and deaths plus net migration data derived from tourism migration data. It also reports on the various vital events such as births, deaths and marriages that occurred within the Cook Islands. Some basic demographic crude rates such as for birth, death and infants deaths including natural increase are also reported in this release.

Computation of Crude Rates

Crude rates of birth, death and infant deaths are also compiled from these events.

The formula used in computing these rates are as follows:

$$\text{Crude Birth Rate} = \text{Total Births} / \text{Total Resident Population} * 1,000$$

$$\text{Crude Death Rate} = \text{Total Deaths} / \text{Total Resident Population} * 1,000$$

$$\text{Infant Mortality Rates} = \text{Total Infant Deaths} / \text{Total Births} * 1,000$$

$$\text{Natural Increase} = \text{Total Crude Birth Rate} \text{ less Crude Death Rate}$$

Data Source

The records of births, deaths and marriages are compiled from the records of the Births, Deaths and Marriages Registrar of the Ministry of Justice. For the islands outside of Rarotonga, the Deputy Registrars of each island furnish these records directly to the Cook Islands Statistics Office.

Coverage

All records are compiled for each inhabited island of the Cook Islands and are tabulated by the date of occurrence of the event. Often these records are reconciled with the Ministry of Health (MOH) records to ascertain the compilation of one indicator for the Cook Islands.

Table 1 Population Estimates

Period	Total Population Estimate	Resident Population Estimate ⁽⁴⁾	Total Births	Crude Birth Rate ⁽²⁾	Total Deaths	Crude Deaths Rate ⁽²⁾	Rates of Natural Increase	Infant Deaths	Infant Mortality Rate ⁽³⁾	
JUNE YEAR ⁽¹⁾										
2016 ^(p)	19,300	11,800	242	20.5	87	7.4	13.1	-	-	
2017 ^(p)	19,500	15,600	222	14.2	93	6.0	8.3	1	4.5	
2018 ^(p)	20,200	15,900	239	15.0	123	7.7	7.3	4	16.7	
2019 ^(p)	20,200	17,100	225	13.2	105	6.1	7.0	2	8.9	
2020 ^(p)	18,500	17,900	248	13.9	125	7.0	6.9	2	8.1	
QUARTER										
2016	Mar ^(p)	17,800	12,000	55	4.6	18	1.5	3.1	-	-
	Jun ^(p)	19,300	11,800	67	5.7	24	2.0	3.6	-	-
	Sep ^(p)	18,000	12,000	61	5.1	22	1.8	3.3	-	-
	Dec ^(p)	17,400	14,800	59	4.0	23	1.6	2.4	-	-
2017	Mar ^(p)	17,600	15,100	58	3.8	24	1.6	2.3	-	-
	Jun ^(p)	19,500	15,600	60	3.8	23	1.5	2.4	-	-
	Sep ^(p)	19,400	15,700	57	3.6	26	1.7	2.0	-	-
	Dec ^(p)	21,800	14,900	47	3.2	20	1.3	1.8	1	21.3
2018	Mar ^(p)	18,600	15,500	43	2.8	34	2.2	0.6	2	46.5
	Jun ^(p)	20,200	15,900	72	4.5	37	2.3	2.2	1	13.9
	Sep ^(p)	20,600	16,100	62	3.9	26	1.6	2.2	1	16.1
	Dec ^(p)	22,100	15,300	62	4.1	26	1.7	2.4	-	-
2019	Mar ^(p)	18,000	16,200	42	2.6	23	1.4	1.2	1	23.8
	Jun ^(p)	20,200	17,100	65	3.8	23	1.3	2.5	-	-
	Sep ^(p)	20,700	17,700	64	3.6	34	1.9	1.7	1	15.6
	Dec ^(p)	18,000	16,800	54	3.2	25	1.5	1.7	-	-
2020	Mar ^(p)	18,400	17,700	63	3.6	35	2.0	1.6	-	-
	Jun ^(p)	18,500	17,900	51	2.8	26	1.5	1.4	-	-
	Sep ^(p)	18,500	18,020	75	4.2	32	1.8	2.4	1	13.3
	Dec ^(p)	18,600	18,100	59	3.3	32	1.8	1.5	1	16.9
2021	Mar ^(p)	17,800	17,500	56	3.2	40	2.3	0.9	-	-
	Jun ^(p)	18,300	17,200	47	2.7	30	1.7	1.0	-	-
	Sep ^(p)	16,400	16,000	48	3.0	29	1.8	1.2	-	-

Note : ⁽¹⁾ Mid year population estimated at June Quarter

⁽²⁾ Crude birth rate and crude death rate are calculated per thousand Resident Population as of 1992

⁽³⁾ Infant mortality rate is calculated per thousand births

⁽⁴⁾ Resident population comprises only those usually resident in the Cook Islands

Table 2 Vital Events - Births, Deaths and Marriages

Period		Live births			Deaths			Infant Deaths	Marriages		
		Males	Females	Total	Males	Females	Total		Resident	Non-resident	Total
YEAR											
	2016	127	115	242	57	30	87	-	57	650	707
	2017	116	106	222	49	44	93	1	57	668	725
	2018 ^(r)	119	113	232	74	47	121	4	72	631	703
	2019 ^(p)	101	124	225	56	49	105	2	56	514	570
	2020 ^(p)	121	127	248	79	46	125	2	37	91	128
QUARTER											
2016	Mar	26	29	55	13	5	18	-	15	92	107
	Jun	35	32	67	15	9	24	-	15	163	178
	Sep	33	28	61	13	9	22	-	10	218	228
	Dec	33	26	59	16	7	23	-	17	177	194
2017	Mar	32	26	58	14	10	24	-	12	120	132
	Jun	28	32	60	12	11	23	-	9	165	174
	Sep	30	27	57	12	14	26	-	18	194	212
	Dec	26	21	47	11	9	20	1	18	189	207
2018	Mar ^(r)	22	21	43	19	15	34	2	16	92	108
	Jun ^(r)	34	38	72	25	12	37	1	18	172	190
	Sep ^(r)	30	32	62	16	10	26	1	18	199	217
	Dec ^(r)	33	22	55	14	10	24	-	20	168	188
2019	Mar ^(r)	18	24	42	15	8	23	1	16	98	114
	Jun ^(r)	27	38	65	10	13	23	-	11	136	147
	Sep ^(r)	29	35	64	19	15	34	1	15	148	163
	Dec ^(p)	27	27	54	12	13	25	-	14	132	146
2020	Mar ^(p)	27	36	63	23	12	35	-	11	90	101
	Jun ^(p)	22	29	51	14	12	26	-	2	-	2
	Sep ^(p)	41	34	75	20	12	32	1	6	1	7
	Dec ^(p)	31	28	59	22	10	32	1	18	-	18
2021	Mar ^(p)	29	27	56	19	21	40	-	11	-	11
	Jun ^(p)	28	19	47	16	14	30	-	11	11	22
	Sep ^(p)	22	26	48	18	11	29	-	6	21	27

Table 3 Mothers Age at Birth of Child

Period		Age Group							
		Total	<20	20-24	25-29	30-34	35-39	40-44	45>
YEAR									
	2016	219	21	55	48	56	27	10	2
	2017	222	26	53	75	38	18	12	-
	2018 ^(r)	210	20	63	51	41	24	11	-
	2019 ^(p)	225	20	65	64	50	18	7	1
	2020 ^(p)	248	21	82	60	44	32	8	1
QUARTER									
2016	Mar	47	7	15	12	6	6	1	-
	Jun	60	6	15	17	18	4	-	-
	Sep	54	4	13	11	16	6	3	1
	Dec	58	4	12	8	16	11	6	1
2017	Mar	58	8	14	21	8	4	3	-
	Jun	60	7	19	14	10	7	3	-
	Sep	57	4	10	21	13	4	5	-
	Dec	47	7	10	19	7	3	1	-
2018	Mar ^(r)	43	2	13	17	4	6	1	-
	Jun ^(r)	72	8	22	16	14	8	4	-
	Sep ^(r)	40	4	7	12	7	7	3	-
	Dec ^(r)	55	6	21	6	16	3	3	-
2019	Mar ^(r)	42	1	15	11	9	5	1	-
	Jun ^(r)	65	5	16	20	15	6	3	-
	Sep ^(r)	64	9	17	22	9	4	2	1
	Dec ^(p)	54	5	17	11	17	3	1	-
2020	Mar ^(p)	63	8	20	17	11	5	2	-
	Jun ^(p)	51	3	19	16	7	4	2	-
	Sep ^(p)	75	6	29	14	14	9	2	1
	Dec ^(p)	59	4	14	13	12	14	2	-
2021	Mar ^(p)	56	2	12	19	8	8	6	1
	Jun ^(p)	47	2	18	11	9	6	-	1
	Sep ^(p)	48	5	16	9	14	3	1	-