

1911.
NEW ZEALAND.

CENSUS, 1911: COOK AND OTHER ANNEXED PACIFIC ISLANDS.

INTERIM REPORT AS TO POPULATION, ETC., OF THE COOK AND OTHER ANNEXED PACIFIC ISLANDS
(EXCLUSIVE OF THE ISLANDS OF NIUE, PALMERSTON, AND PUKA PUKA).

Laid before Parliament pursuant to Section 14 of the Census and Statistics Act, 1910.

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Registrar-General's Office, 18th September, 1911.

THE returns for the Cook and other annexed Pacific Islands, with the exception of Niue, Palmerston, and Puka Puka, have been received, and the results are as set forth in the attached tables. Selected extracts from the reports and correspondence of the Sub-Enumerators relative to the conditions, &c., on the Islands are also annexed.

The total population of the islands for which returns have been received is 8,049, and if the Islands of Niue, Palmerston, and Puka Puka are taken at the figures of previous census—3,822, 82, and 435 respectively—the approximate population of the annexed Pacific islands will be 12,388, as against 12,340 in 1906.

M. FRASER,
Government Statistician.

SUMMARY.

TABLE I.—Showing the POPULATION (NATIVE AND OTHER) of the COOK AND OTHER ANNEXED PACIFIC ISLANDS (excluding Niue, Palmerston, and Puka Puka) according to a Census taken in April, 1911.

	Persons.	Males.	Females.
Natives and half-castes	7,878	4,168	3,710
British-born and foreigners	171	111	60
Totals	8,049	4,279	3,770

RESIDENCES AND BIRTHPLACES.

TABLE II.—Showing the RESIDENCES and BIRTHPLACES of the NATIVE and HALF-CASTE POPULATION of COOK AND OTHER ANNEXED PACIFIC ISLANDS (exclusive of Niue, Palmerston, and Puka Puka) according to a Census taken in April, 1911.

[illegible]

AGE GROUPS.

TABLE III.—Showing the AGES (IN GROUPS) of the NATIVE and HALF-CASTE POPULATION in the COOK AND OTHER ANNEXED PACIFIC ISLANDS (exclusive of Niue, Palmerston and Puka Puka), according to a Census taken in April, 1911.

Residence.	Under 5.		5 to 9.		10 to 14.		15 to 19.		20 to 24.		25 to 29.		30 to 34.		35 to 39.		40 to 44.		45 to 49.		50 to 54.		55 to 59.		60 to 64.		65 to 69.		70 and over.		Unspecified.		Males: Total.	Females: Total.	Persons Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
..	148	154	154	184	123	85	174	116	148	109	148	126	135	101	97	75	96	89	52	35	56	47	49	28	34	35	35	12	12	15	3	5	1,454	1,166	2,620
Rarotonga ..	85	90	68	78	71	67	47	64	38	49	51	56	43	61	47	35	38	43	47	14	19	23	22	10	16	13	7	5	6	7	..	..	606	615	1,221
Aitutaki ..	100	90	91	87	101	80	80	82	51	53	38	50	43	31	41	36	40	41	36	39	38	37	14	18	33	33	18	23	15	12	..	..	789	727	1,466
Mangai ..	71	49	42	35	39	35	36	43	54	54	64	39	38	21	16	16	17	13	13	8	13	18	9	13	20	11	11	5	5	2	..	..	448	362	810
Atiu ..	36	21	30	19	28	32	31	25	19	12	19	12	11	23	17	14	11	11	10	11	5	10	2	7	5	6	6	4	2	2	..	2	257	190	447
Mauke ..	23	14	13	17	14	10	5	8	2	3	3	1	..	2	..	..	15	26	19	20	..	..	..	..	..	..	..	..	2	..	1	96	102	198	
Mitiaro ..	25	19	28	25	12	27	20	22	15	17	20	10	14	14	13	7	14	11	10	12	15	11	8	7	12	9	4	6	19	14	..	229	211	440	
Manihiki ..	23	16	20	14	16	20	9	14	10	10	17	14	12	10	9	7	3	6	8	5	10	5	7	4	12	4	1	12	12	..	..	162	153	315	
Rakanga ..	19	19	8	33	10	9	13	15	7	11	19	23	13	12	10	16	13	10	4	8	7	2	4	..	..	6	9	5	8	7	5	3	148	184	332
Penrhyn ..	..	..	..	..	..	..	9	..	7	..	3	..	8	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	29	..	29	29
Manuae and Te Anotu (Hervey Islands)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	530	472	454	442	414	365	424	389	351	318	382	331	308	268	257	224	245	250	201	184	164	153	121	89	140	119	87	66	82	69	8	6	4,168	3,710	7,878

RELIGIONS, EDUCATION, ETC.

TABLE IV.—Showing the Religious Denominations, Degree of Education, and Schooling of the Native and Half-caste Population of the Cook and Other Annexed Pacific Islands (exclusive of Niue, Palmerston, and Puka Puka), according to a Census taken in April, 1911.

Residence.	Religious Denomination.						Degree of Education.					Attending School.			
	Roman Catholic.	London Missionary Society.	Seventh-day Adventists.	Congregationalists.	Protestants.	Methodists of New Zealand.	Not stated.	Totals.	Head Native.	Head and write Native.	Head English.	Head and write Native and English.	Not stated.	Totals.	Totals.
Rarotonga	85	2,516	11	..	..	..	58	2,620	44	1,770	..	90	716	2,620	312
Mangaia	..	1,466	..	..	..	..	..	1,466	45	645	..	3	773	1,466	288
Aitutaki	..	..	..	1,198	..	..	12	1,221	1	716	1	11	492	1,221	118
Atiu	..	595	..	..	353	..	157	810	173	332	..	..	249	810	42
Mauke	94	..	..	..	..	198	..	447	64	132	..	2	73	447	41
Mitiaro	..	..	..	..	..	..	..	198	19	104	..	2	58	198	53
Penrhyn	..	332	..	..	..	..	..	332	25	249	..	..	106	332	65
Manihiki	37	403	..	..	..	..	..	440	14	317	..	3	69	440	82
Rakahanga	1	314	..	..	..	..	..	315	4	239	..	3	5	315	62
Hervey Islands	..	..	..	..	29	..	..	29	2	22	..	..	..	29	..
Totals	236	5,626	11	1,198	382	198	227	7,878	391	4,586	1	114	2,786	7,878	1,038
															73
															204
															1,038
															1,315

BRITISH-BORN AND FOREIGNERS.

TABLE V.—Showing the British-born and Foreign Population of Cook and Other Annexed Pacific Islands (exclusive of Niue, Palmerston, and Puka Puka), their Birthplaces, and Where Resident, according to the Census taken in April, 1911.

Residence.	Birthplace.										Where Resident.				
	British.	New Zealand.	Australia.	Thamania.	Karotonga.	Mangaia.	Atiu.	Mauke.	Atitaki.	France.	Germany.	Sweden.	America (U.S.A.)	Holland.	Pitcairn Islands.
Rarotonga	53	30	4	1	21	1	1	..	1	6	3	1	9	1	2
Mangaia	2	..	1	..	..	..	..	..	1	2	..	..	..	..	..
Aitutaki	5	1	..	..	..	..	..	..	1	..	1	..	..	..	..
Atiu	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mauke	2	..	..	..	..	..	..	5	..	..	2	..	..	..	..
Mitiaro	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Penrhyn	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Manihiki	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Rakahanga	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palmerston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puka Puka	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	67	83	5	1	21	1	1	5	2	10	6	1	9	1	2
															2
															1
															171

TABLE VI.—Showing APPROXIMATE AGES, RELIGIOUS DENOMINATIONS, and DEGREES OF EDUCATION of the BRITISH-BORN and FOREIGN POPULATION of COOK AND OTHER ANNEXED PACIFIC ISLANDS (exclusive of Niue, Palmerston, and Puka Puka), according to the Census taken in April, 1911.

Residence.	Approximate Ages and Sexes.				Religious Denominations.										Degree of Education.									
	Under 16 Years.		16 Years and Over.		Totals.	Church of Eng-land.	Roman Catholic.	Freethinkers.	Protestant.	Jewish.	Wesleyan.	Congregational.	Unitarian.	Seventh-day Ad-ventist.	Presbyterian.	Lutheran.	Agnostic.	Object.	Not stated.	Totals.	Read and write.	Cannot read.	Not stated.	Totals.
	Male.	Females.	Male.	Females.																				
Karotonga	14	10	72	42	138	45	13	3	2	3	3	26	2	5	9	1	1	20	5	138	106	24	8	138
Mangaia	..	..	3	..	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..	3	3	..	..	3
Atutaki	..	..	8	4	12	3	5	..	..	..	..	..	..	..	1	..	..	3	..	12	11	..	1	12
Atiu ..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..
Mauke	2	1	4	2	9	..	..	..	..	..	..	..	..	..	8	..	..	..	1	9	4	5	..	9
Mitiaro	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	2
Penrhyn	..	..	3	..	3	3	8	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	6
Manihiki	..	..	4	..	4	1	3	..	..	..	..	..	..	..	..	..	..	1	..	4	3	..	1	5
Rakahanga	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Palmerston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Puka Puka	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Totals ..	16	11	95	49	171	53	21	3	2	3	3	26	2	5	18	2	1	26	6	171	132	29	10	171

SELECTED EXTRACTS FROM CORRESPONDENCE AND REPORTS OF RESIDENT
COMMISSIONER AND SUB-ENUMERATORS.

(1.) FROM CORRESPONDENCE OF RESIDENT COMMISSIONER, RAROTONGA.

I need not point out to you the great difficulties in supplying accurate information with regard to some of the islands, in consequence of the fact that I have to rely in some cases upon the Natives themselves to supply the information, but I think you will find that as far as possible the census has been correctly taken. The figures for the Islands of Rarotonga, Mangaia, Aitutaki, Atiu, Mitiaro, and Manuae may be taken as fairly correct, as Europeans, mostly my own agents, had the matter in hand.

(2.) FROM REPORT OF ENUMERATOR AT RAROTONGA.

Rarotonga.

You will notice, sir, that there is an increase in the population of Rarotonga since last census taken in 1906, which was then 2,334 Natives. This large increase can be accounted for by the arrival of large numbers of Mangaian as labourers, and also arrivals from Tahiti and other French islands of Natives who have come to Rarotonga to settle.

I found that it would be misleading to enter the number of live-stock and coconut-palms, as the Natives themselves could not tell me truthfully what they individually owned. The live-stock is generally family property. When I put the question to several they looked suspicious, and asked me if this was for the purpose of a future taxation. I assured them to the contrary. In reference to the number of coconut-palms, just at present it would be impossible to get the number of trees owned by individuals, for in almost every block of land there are many owners, therefore these blocks would have to be subdivided to accurately arrive at the individual ownership of palms. I can only therefore make a fair estimate of the number of coconut-bearing trees on the island—viz., 30,000 and 25,000 trees not yet attained full maturity.

The principal foods grown are—taro, yams, kumara, breadfruit, taro-papa, tarotaro-a, plantains, utu, &c. These foods are grown on all the islands of the Cook Group.

The religion taught is mostly that taught by the London Missionary Society (Congregational), and is marked in many places as "L.M.S." There are a few who belong to the Roman Catholics, and still fewer to the Seventh-Day Adventists. The great majority are adherents of the London Missionary Society.

Education: The children receive daily instruction by the missionaries attached to the London Missionary Society in each village; the same body also conducts a higher-grade school at Tereora. The Roman Catholic Mission conduct a school at Avarua, which is fairly attended.

The total of European population resident on the Island when the census was taken was 138.

Hervey Islands (Manuae and Teau-o-Tu).

Returns to hand show total Natives resident on that island to be 29. These Natives are employed there as labourers.

Live-stock, &c.—21 horses, 89 pigs, 368 fowls, 72 ducks, 40 goats, 29,300 coconut-palms.

Mauke.

Census returns from this island show a total Native population of 257 males and 190 females—total of 447. The enumeration of 1906 showed the Native population to then be 444 Natives and 2 Europeans—total 446. There are 4 Europeans and 5 half-castes living as Europeans at present on Mauke; this makes the total population for the present to be 456.

Education: The children receive daily instruction by the Native pastors attached to the London Missionary Society in each village. The Roman Catholic Mission also conducts a school in the beach village.

General: This island is not half cultivated, and could support four times the population it does. Copra and oranges are its chief exports. There are 67 horses on the Island.

Penrhyn.

According to the census returns, the Native population at present is 148 males and 184 females—a total Native population of 332. There are 3 Europeans resident on the island: thus the total population of the island will be 335. The enumeration for the year 1906 showed the Native population to have been 414, and also 6 Europeans—a total of 420.

Education: The children receive instruction from the Native pastors attached to the London Missionary Society (Congregational).

Religion: That taught by the London Missionary Society.

General: These islanders are the lowest standard of the Cook-Islanders. Chief products are copra and pearl-shell. There are 7 pigs on the Island.

Manihiki.

Census returns supplied show the total population to be 229 males and 211 females—total 440. There are 4 Europeans resident on this island: this gives the total population on this island of 444, as against the enumeration of 1906, which was then 521 and 22 absentees.

Education: The children receive instruction from the Native pastors attached to the London Missionary Society. There is also a school conducted by the Roman Catholic Mission in the Tukao Settlement.

Religion: That taught by the London Missionary Society (Congregational). There are a few who are Roman Catholics.

General: The chief products of this island are copra, hats, mats, and pearl-shell.

Rakahanga.

Returns supplied show the Native population to be 162 males and 153 females—a total Native population of 315.

Education: The children receive instruction of the Native pastor attached to the London Missionary Society and an old scholar from the Tereora School at Rarotonga.

Religion: That taught by the London Missionary Society.

General: Chief products—Copra and hats.

Census returns have yet to be received from Palmerston and Puka Puka. These cannot be expected until about October, 1911.

(3.) FROM REPORT OF SUB-ENUMERATOR FOR MANGAIA.

Age: Where a note "about" is made opposite the age it has been arrived at from circumstances in the life of the person and the appearance, coupled with my personal knowledge; the unnoted ages are taken from the local Register.

Workers: Most of the intermittent workers are at Rarotonga.

Coconuts: The bearing coconut-palms are a close approximation, many having been counted for this purpose, but many are, I think, understated.

Education: The children receive education for about one hour and a half in the morning four days a week by a Native representative of the London Missionary Society.

Foods: There are a few other Native foods than those entered, but the chief ones are bananas, breadfruit, taro, oranges, and pandanus. I believe this to be an accurate enumeration, great pains having been taken to make it so.

Live-stock on the Island consists of—Horses, 243; pigs, 855; goats, 3; dogs, 33; cows, 5; and there are 50,243 coconut-palms.

(4.) FROM REPORT OF SUB-ENUMERATOR FOR AITUTAKI.

Statements regarding the number of coconut-trees or other crops owned by Natives in this island would be of little value, as there is practically no individual ownership of land here, and have been omitted in taking the census, as statistics so obtained would only be misleading.

The ages of Natives are approximate, and as nearly accurate as possible.

I have shown the number of pigs owned by Natives, but statements by Natives regarding crops or produce, &c., would only be misleading and entirely inaccurate, so many being interested in the same pieces of land. I deemed it best to omit these.

Live-stock on the Island consists of—Pigs, 1,210; goat, 1; cows, 6.

(5.) FROM REPORT OF SUB-ENUMERATOR FOR ATIU.

I took the names and particulars, household by household, so can vouch to their correctness.

The Natives are gathered into 136 households, as shown in the census books. The number of children of school age is 137. Those attending school number 104.

Live-stock—Horses, 99; pigs, 225; goats, 23. (There are no cattle on the island.)

Number of bearing coconut-palms—11,639.

Atiu yields the usual tropical products, and the Natives of both sexes take part in cultivating the soil—their ordinary occupation—and fishing, the women doing their share of the latter by collecting shell-fish, crustacea, &c., on the reef. Their means of subsistence is ample if they would work regularly.

I have taken much pains to secure correct returns, and I trust they will be considered satisfactory.

(6.) FROM REPORT OF SUB-ENUMERATOR FOR MITIARO.

Live-stock: I have only noted horses and pigs; of fowls there are so few that I do not think it would be any use noting them.

Coconut-palms: I have not been able to obtain the exact number. The Natives do not know themselves how many palms they have, and, although I have asked them to try to count how many, it would simply mean that no palms would be entered, because with them it is always "by-and-by" and "to-morrow."

Trade or occupation: The majority are copra-producers.

Plantations: There being very little good soil, nothing except coconut-palms are planted. The good soil here is only sufficient for supplying the Natives with their food, nothing being left for exporting purposes. In the last three years a few thousands of coconuts have been planted, but nobody knows exactly how many.

Oranges: There are not many. The most ever exported from here was in 1910, when we exported 1,000 cases. In 1909 we did not have enough to make it worth while to take them, and in 1908 we had only about 220 cases. The only time we have a chance of selling our oranges is in August or September, and by that time, of course, a great many have fallen off the trees. Still, there is not enough to make it worth while for anybody to call for more than once a year.

Totals: According to this census, taken here the 12th of April, the totals turn out as follows:—Native population—Males 96, females 102, total, 198; horses, 6; pigs, 212; goat, 1; cows, 6; palms (about 8,000 bearing), 11,070.

The majority of females over males is caused by so many males being away at present to other islands.

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$$A = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 2 \end{pmatrix}, \quad B = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}, \quad C = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}, \quad D = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}.$$

1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.