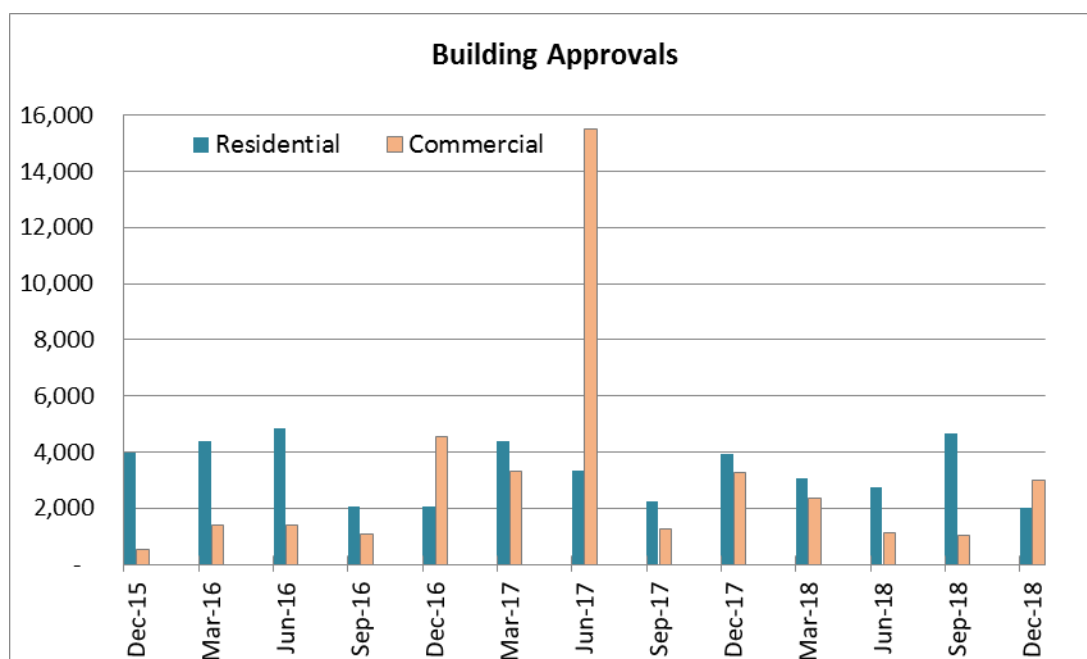


**MINISTRY OF FINANCE AND ECONOMIC MANAGEMENT**  
GOVERNMENT OF THE COOK ISLANDS  
**COOK ISLANDS**  
**STATISTICAL BULLETIN**

**MISCELLANEOUS STATISTICS**  
**September Quarter 2018**

The Miscellaneous Statistics is a compilation of statistics from various data sources, such as building approvals, energy consumption, aircraft movement, motor vehicle registration, air cargo and climate.

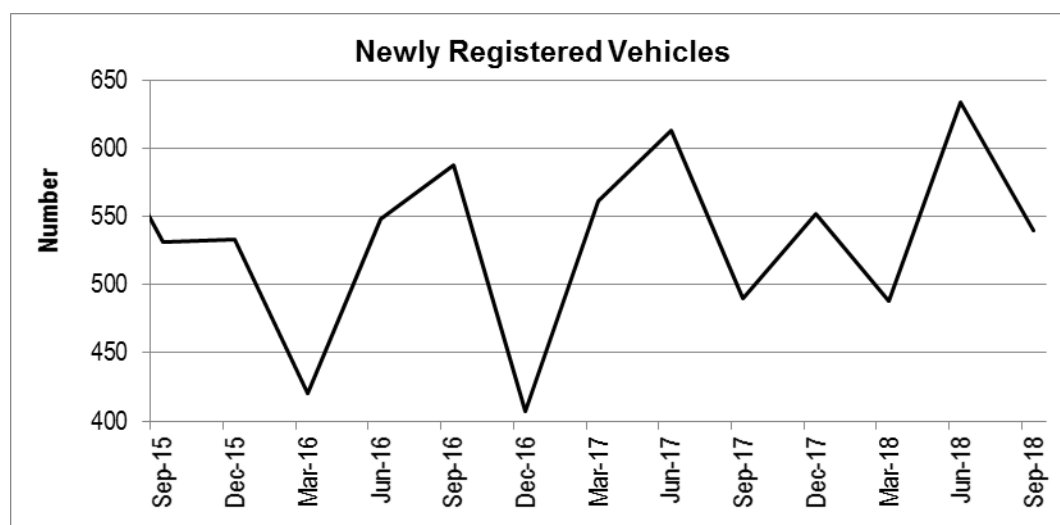
**Building Approvals** – The total value of buildings approved during the September quarter 2018 (5,702) increased by 47.5 per cent when compared to June quarter 2018 (3,866). Residential buildings contributed 82.0 per cent in the total value of building approvals and the Commercial buildings (Commercial (200), Tourist Accommodation (310), Community (515)) contributed 18.0per cent.



**Electricity Generated** - Total electricity generated in the Cook Islands for the September quarter 2018 was 10.2 million kWh, a 5.0 per cent increase when compared to June quarter 2018. Of the total electricity generated 82.8 per cent was consumed on Rarotonga, followed by Aitutaki with 12.5 per cent and 4.7 per cent from the rest of the outer islands.

**Aircraft Movement** - International flights out of Rarotonga increased by 32 flights during September quarter 2018 when compared to June quarter 2018. New Zealand continued to be the main destination with 256 international flights.

**Newly Registered Motor Vehicle** - Newly registered vehicles for September quarter 2018 decreased by 14.8 per cent compared to June quarter 2018. Motor cycles continued to be the highest type of vehicles registered (62.2 per cent), followed by Cars, Jeeps and Station Wagons (18.9 per cent), Vans and Pickups (10.7 per cent).



**Air Cargo** - The total weight of 540,000 kilograms of air cargo was recorded in the September quarter 2018. Of the total weight recorded for air cargo this is an 11.1 per cent increase when compared to June quarter 2018. Air cargo imports recorded a total weight of 516,000 kilograms and for exports recorded a total weight of 24,000 kilograms for September quarter 2018. The actual value and descriptions of the air cargo imports/exports is captured in the Overseas Trade Statistics publication.

**Climate** - Rarotonga and Aitutaki recorded an average temperature of 23.0 and 24.6 degrees Celsius, with a total rainfall of 362 millimeters for Rarotonga and 194 millimeters for Aitutaki. Penrhyn had an average temperature of 28.1 degrees Celsius with a total rainfall of 258 millimeters during September quarter 2018. A total of 576 hours of sunshine was recorded for Rarotonga.

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

Taggy Tangimetua  
Government Statistician  
December 2018

**Table 7.1 Building Approvals Statistics**

Period	<u>Total</u>		<u>Residential</u>		<u>Commercial<sup>1</sup></u>		<u>Commercial</u>		<u>Community<sup>3</sup></u>	
	No	Value ('000)	No	Value ('000)	No	Value ('000)	No	Value ('000)	No	Value ('000)
2013	56	8,551	38	6,173	9	1,078	6	970	3	330
2014	73	9,738	55	6,428	12	2,728	3	215	3	367
2015	72	13,598	58	9,208	5	1,064	4	2,221	5	1,105
2016	110	22,125	87	13,820	12	2,293	6	1,936	5	4,076
2017	129	37,259	95	13,913	13	1,871	13	6,468	8	15,007
<b>Quarterly</b>										
<b>2013</b>										
Mar	9	1,537	8	1,517	1	20	-	-	-	-
Jun	17	1,676	8	886	2	170	5	370	2	250
Sep	16	3,118	11	2,130	4	388	1	600	-	-
Dec	14	2,220	11	1,640	2	500	-	-	1	80
<b>2014</b>										
Mar	12	2,247	10	1,320	1	800	-	-	1	127
Jun	23	3,258	19	2,892	4	366	-	-	-	-
Sep	25	2,382	21	1,970	3	332	1	80	-	-
Dec	13	1,851	5	246	4	1,230	2	135	2	240
<b>2015</b>										
Mar	14	2,340	12	1,868	-	-	1	222	1	250
Jun	16	2,745	12	1,680	2	644	1	252	1	169
Sep	19	3,973	13	1,661	3	420	1	1,382	2	510
Dec	23	4,540	21	3,999	-	-	1	365	1	176
<b>2016</b>										
Mar	30	6,118	29	4,718	1	1,400	-	-	-	-
Jun	38	6,241	31	4,981	4	548	2	592	1	120
Sep	22	3,140	13	2,053	6	145	3	942	-	-
Dec	20	6,626	14	2,068	1	200	1	402	4	3,956
<b>2017</b>										
Mar	34	7,723	28	4,402	1	165	4	3,140	1	16
Jun	30	18,850	22	3,340	3	562	2	858	3	14,090
Sep	27	3,472	20	2,225	2	326	3	590	2	331
Dec	38	7,214	25	3,946	7	818	4	1,880	2	570
<b>2018</b>										
Mar	28	5,409	22	3,068	1	20	5	2,321	-	-
Jun	26	3,866	20	2,754	2	212	3	570	1	330
Sep	34	5,702	28	4,677	1	200	2	310	3	515

**Source:** Building Control - Ministry of Infrastructure and Planning

**Note:** (\*) - Commercial establishments including:

- (1) - Shops, Offices, Service Stations...
- (2) - Motels, Bungalows, Units, and Tourist Accommodation
- (3) - Churches, Comm, Halls, Schools, Factories, Workshops

**Table 7.2 Electricity Generated for Selected Islands**

Period	Cook Islands	Rarotonga	Aitutaki	Atiu	Mauke	Mangaia	Mitiaro	Penrhyn	Rakahanga	Manihiki	Palmerston <sup>1</sup>	Pukapuka <sup>2</sup>
(kwh '000)												
<b>YEAR</b>												
2013	32,516	27,184	3,679	391	215	464	92	124	64	264	39	...
2014	32,567	27,259	3,635	414	254	445	95	73	65	268	43	16
2015	32,728	27,325	3,631	373	243	458	89	149	81	253	49	77
2016	34,193	28,598	3,754	413	228	475	88	143	101	252	44	97
2017	36,578	30,551	4,056	434	109	648	88	152	83	262	59	136
<b>QUARTER</b>												
<b>2013</b>												
Mar	8,164	6,807	935	102	55	117	23	31	17	68	9	...
Jun	8,162	6,834	923	95	52	109	23	31	16	70	9	...
Sep	7,780	6,481	885	99	53	117	23	31	17	62	12	...
Dec	8,410	7,062	936	95	55	121	23	31	14	64	9	...
<b>2014</b>												
Mar	8,593	7,234	935	116	57	106	23	31	16	60	11	4
Jun	8,097	6,801	889	102	56	114	23	13	18	64	12	5
Sep	7,758	6,468	876	96	63	111	25	15	17	74	10	3
Dec	8,119	6,756	935	100	78	114	24	14	14	70	10	4
<b>2015</b>												
Mar	8,650	7,226	985	97	62	115	20	32	18	68	13	14
Jun	8,049	6,707	898	96	65	108	24	40	20	56	14	21
Sep	7,701	6,436	845	87	56	113	22	37	19	56	11	19
Dec	8,328	6,956	903	93	60	122	23	40	24	73	11	23
<b>2016</b>												
Mar	8,701	7,278	968	99	58	124	22	31	22	63	11	25
Jun	8,057	6,701	907	94	55	112	22	41	22	65	11	27
Sep <sup>(r)</sup>	8,445	7,066	909	117	55	117	20	36	24	68	11	22
Dec <sup>(r)</sup>	8,990	7,553	970	103	60	122	24	35	33	56	11	23
<b>2017</b>												
Mar <sup>(r)</sup>	9,818	8,255	1,084	110	29	167	28	36	19	42	15	33
Jun <sup>(r)</sup>	9,188	7,726	984	107	27	153	33	38	22	50	13	35
Sep <sup>(r)</sup>	8,517	7,082	907	108	26	161	34	39	20	87	17	36
Dec <sup>(r)</sup>	9,102	7,488	1,081	108	27	167	41	39	22	83	14	32
<b>2018</b>												
Mar <sup>(p)</sup>	10,159	8,273	1,411	30	26	177	37	46	22	91	16	30
Jun <sup>(p)</sup>	9,711	7,880	1,353	32	22	167	30	50	22	99	21	35
Sep <sup>(p)</sup>	10,197	8,439	1,273	79	22	151	25	48	23	83	21	33

**Source:** Energy Division of the Ministry of Infrastructure and Planning and Te Aponga Uira, Rarotonga.

**Note:** Electricity generated on Rarotonga & Aitutaki are actual numbers and the some of the islands are estimated.

**Note: (1)** Statistics Office just started collecting electricity generated from Palmerston Island.

**Note: (2)** Statistics Office just started collecting electricity generated from Pukapuka Island.

**Table 7.3 Aircraft Movement**

Period	Total Flights	From Rarotonga to:						
		New Zealand	Tahiti	Fiji	Honolulu	Australia	Los Angeles	Other
<b>YEAR</b>								
2013	891	712	69	-	-	53	52	5
2014	858	682	67	-	-	52	52	5
2015	799	620	67	-	2	52	53	5
2016	959	779	66	-	-	56	53	5
2017	963	776	65	-	2	52	56	12
<b>QUARTER</b>								
<b>2013</b>								
Mar	189	148	14	-	-	13	13	1
Jun	222	177	17	-	-	14	13	1
Sep	258	210	20	-	-	13	13	2
Dec	222	177	18	-	-	13	13	1
<b>2014</b>								
Mar	196	151	16	-	-	14	14	1
Jun	209	168	15	-	-	12	12	2
Sep	247	202	19	-	-	13	13	-
Dec	206	161	17	-	-	13	13	2
<b>2015</b>								
Mar	173	129	15	-	2	13	14	-
Jun	192	149	15	-	-	13	13	2
Sep	226	177	20	-	-	13	13	3
Dec	208	165	17	-	-	13	13	-
<b>2016</b>								
Mar	175	133	15	-	-	14	13	-
Jun	241	203	12	-	-	13	13	-
Sep	290	239	21	-	-	15	13	2
Dec	253	204	18	-	-	14	14	3
<b>2017</b>								
Mar	206	159	13	-	1	13	16	4
Jun	231	188	14	-	-	13	13	3
Sep	277	226	21	-	-	13	13	4
Dec	249	203	17	-	1	13	14	1
<b>2018</b>								
Mar	193	160	16	-	-	13	3	1
Jun	276	232	14	-	-	13	13	4
Sep	308	256	20	-	2	13	13	4

**Source:** Air New Zealand and Air Rarotonga

**Table 7.4 Newly Registered Vehicles**

Period	Newly Registered Vehicles					
	Total	Motor Cycles	Cars, Jeeps and Station Wagons	Trucks and Buses	Vans and Pickups	Other Vehicles
<b>YEAR</b>						
2013	1,766	1,260	323	32	137	14
2014	1,843	1,293	313	77	146	14
2015	2,225	1,516	387	82	155	85
2016	1,963	1,247	436	43	200	37
2017	2,216	1,192	691	71	225	37
<b>QUARTER</b>						
<b>2013</b>						
Mar	394	299	49	5	39	2
Jun	435	284	110	6	25	10
Sep	403	281	72	11	39	-
Dec	534	396	92	10	34	2
<b>2014</b>						
Mar	374	232	74	8	58	2
Jun	530	391	93	11	32	3
Sep	500	382	56	27	30	5
Dec	439	288	90	31	26	4
<b>2015</b>						
Mar	531	374	53	12	35	57
Jun	630	471	77	28	48	6
Sep	531	348	125	18	34	6
Dec	533	323	132	24	38	16
<b>2016</b>						
Mar	420	268	94	8	36	14
Jun	548	310	152	12	67	7
Sep	588	395	117	11	53	12
Dec	407	274	73	12	44	4
<b>2017</b>						
Mar	561	311	163	13	69	5
Jun	613	339	197	13	51	13
Sep	490	254	147	26	51	12
Dec	552	288	184	19	54	7
<b>2018</b>						
Mar	488	291	94	39	56	8
Jun	634	332	188	21	77	16
Sep	540	336	102	32	58	12

**Source:** The Bank of the Cook Islands (BCI), Rarotonga.

**Table 7.5 Air Cargo Imports and Exports**

Period	Total	Air Cargo Imports	Air Cargo Exports
<b>YEAR</b>		(kg '000)	
2013	1,352	1,243	109
2014	1,337	1,255	81
2015	1,364	1,266	98
2016	1,650	1,558	92
2017	1,915	1,822	93
<b>QUARTER</b>			
<b>2013</b>			
Mar	279	262	17
Jun	368	346	22
Sep	315	286	29
Dec	390	349	41
<b>2014</b>			
Mar	321	296	25
Jun	317	305	12
Sep	349	330	19
Dec	350	324	25
<b>2015</b>			
Mar	336	312	24
Jun	344	319	25
Sep	340	315	25
Dec	343	319	24
<b>2016</b>			
Mar	329	307	22
Jun	335	313	22
Sep	496	473	23
Dec	489	465	24
<b>2017</b>			
Mar	478	454	24
Jun	384	362	22
Sep	543	520	23
Dec	510	486	24
<b>2018</b>			
Mar	419	395	24
Jun	486	463	23
Sep <sup>(b)</sup>	540	516	24

**Source:** Air Cargo Manifest - Cargo Division, Air New Zealand, Rarotonga.

**Table 7.6 Average Temperature, Total Rainfall and  
Total Sunshine Hours for Selected Islands**

Period	Average Temperature (celsius)			Total Rainfall (mm)			Total Hours of Sunshine
	Rarotonga	Aitutaki	Penrhyn	Rarotonga	Aitutaki	Penrhyn	Rarotonga
<b>YEAR</b>							
2013	24.4	25.0	28.5	1,405	1,376	2,237	2,005
2014	23.9	24.9	28.9	1,662	1,372	1,249	2,283
2015	23.6	25.2	29.0	1,441	1,349	1,920	2,189
2016	24.8	24.7	28.9	1,421	1,366	2,600	2,183
2017	25.0	24.9	28.7	1,568	1,362	1,686 0	2,232
<b>QUARTER</b>							
<b>2013</b>							
Mar	26.2	26.3	29.0	486	479	425	609
Jun	24.3	25.5	28.6	344	208	310	483
Sep	22.1	23.4	28.2	337	196	749	364
Dec	24.9	24.8	28.1	238	493	753	549
<b>2014</b>							
Mar	26.5	26.5	28.8	511	493	440	575
Jun	23.5	24.7	29.0	325	211	227	530
Sep	21.5	23.2	28.9	304	189	108	602
Dec	24.2	25.1	28.9	522	479	474	576
<b>2015</b>							
Mar	25.7	26.2	28.5	771	481	1,031	546
Jun	22.9	25.1	29.1	367	209	139	485
Sep	21.6	24.9	29.0	83	195	94	547
Dec	24.2	24.8	29.4	220	464	656	611
<b>2016</b>							
Mar	26.1	25.6	29.1	246	484	940	552
Jun	23.8	24.5	28.9	159	209	883	546
Sep	23.6	24.9	28.8	508	193	470	579
Dec	25.6	24.9	28.8	508	479	307	506
<b>2017</b>							
Mar	27.5	26.1	28.7	492	486	691	593
Jun	25.0	24.8	29.0	436	210	518	500
Sep	22.9	24.0	28.6	111	193	125	631
Dec	24.6	24.9	28.4	529	474	352	508
<b>2018</b>							
Mar	26.6	26.0	28.5	886	484	418	539
Jun	25.1	24.8	29.0	535	209	110	487
Sep	23.0	24.6	28.1	362	194	258	576

**Sources:** Meteorological Office, Rarotonga.