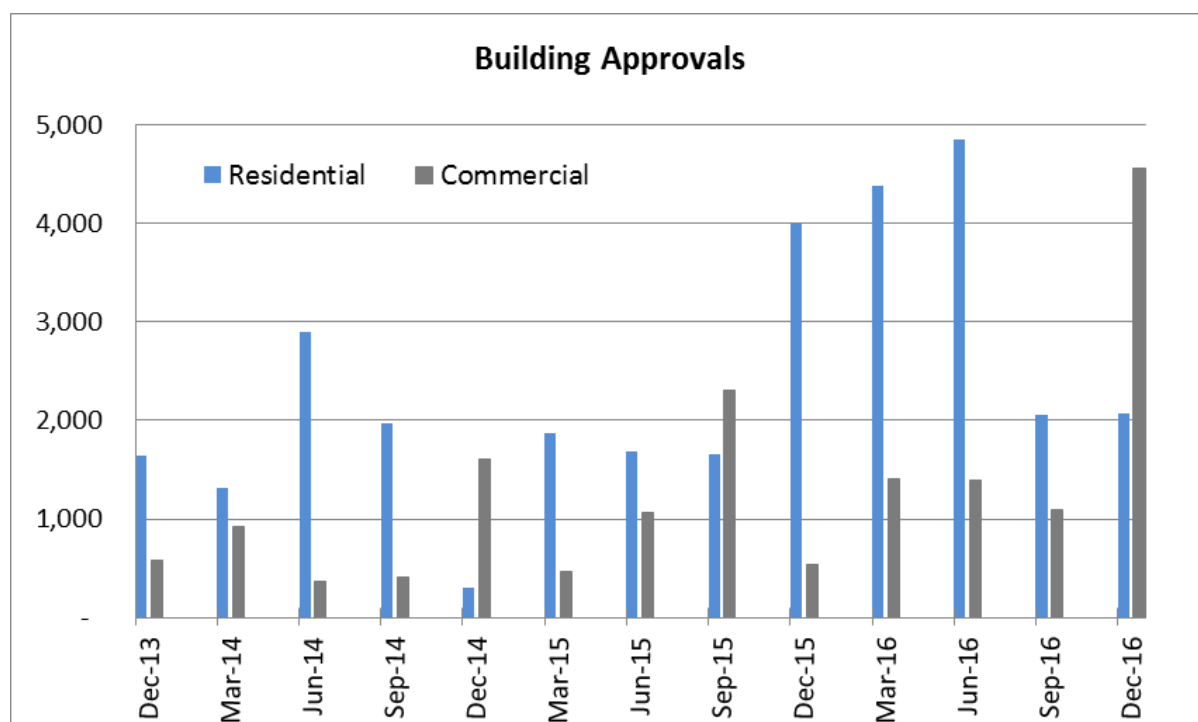


**MINISTRY OF FINANCE AND ECONOMIC MANAGEMENT**  
GOVERNMENT OF THE COOK ISLANDS  
**COOK ISLANDS**  
**STATISTICAL BULLETIN**

**MISCELLANEOUS STATISTICS**  
**December Quarter 2016**

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.

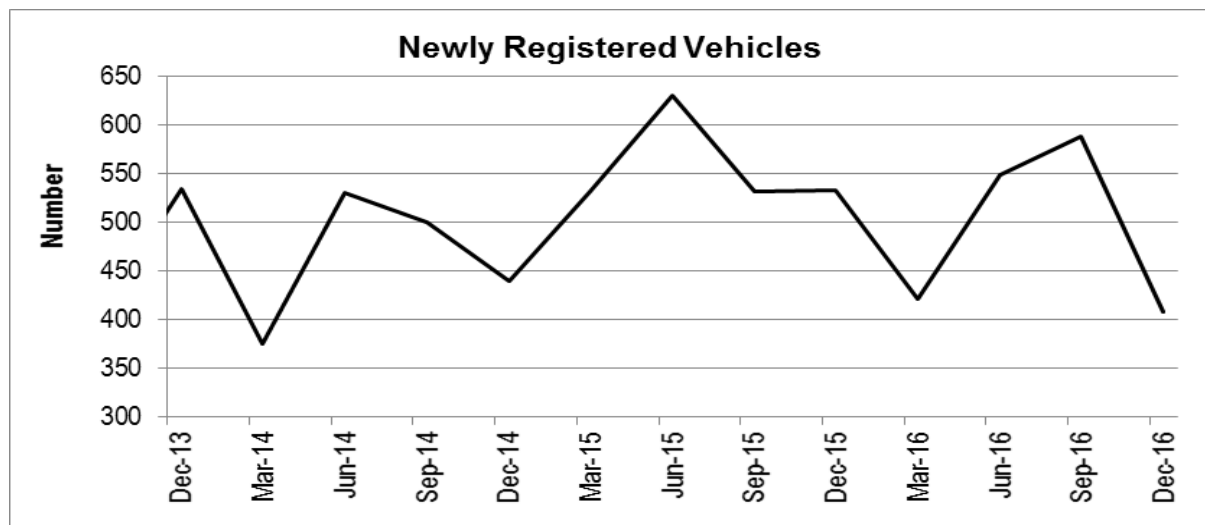
**Building Approvals** – The total value of buildings approved during the December quarter 2016 (6,626) increased by 111.0 per cent when compared to September quarter 2016 (3,140), and a further increase of 45.9 per cent when compared to December quarter 2015. Commercial buildings contributed 68.8 per cent in the total value of building approvals averaging to over \$759,000 per commercial building approved, while the Residential buildings contributed 31.2 per cent.



**Electricity Generated** - Total electricity generated in the Cook Islands for the December quarter 2016 was 8.9 million kWh, a 6.4 per cent increase when compared to September quarter 2016. Of the total electricity generated 84.2 per cent was consumed on Rarotonga, followed by Aitutaki with 10.8 per cent and 4.9 per cent from the rest of the outer islands.

**Aircraft Movement** - International flights out of Rarotonga decreased by 37 flights during December quarter 2016 when compared to September quarter 2016. New Zealand continued to be the main destination with 204 international flights, followed by Tahiti with 18 flights and Australia and Los Angeles with 14 flights each.

**Newly Registered Motor Vehicle** - Newly registered vehicles for December quarter 2016 decreased by 30.8 per cent compared to September quarter 2016. Motor cycles continued to be the highest type of vehicles registered (67.3 per cent), followed by Cars, Jeeps and Station Wagons (17.9 per cent), Vans and Pickups (10.8 per cent).



**Air Cargo** - The total weight of 489,000 kilograms of air cargo was recorded in the December quarter 2016. This is a 1.5 per cent decrease when compared to September quarter 2016, and an increase of 42.4 per cent when compared to December quarter 2015. Air cargo exports recorded a total weight of 24,000 kilograms for December quarter 2016. 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 25.6 and 24.9 degrees Celsius, with a total rainfall of 508 millimeters for Rarotonga and 479 millimeters for Aitutaki. Penrhyn had an average temperature of 28.8 degrees Celsius with a total rainfall of 307 millimeters during December quarter 2016. A total of 506 hours of sunshine was recorded for Rarotonga.

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

Taggy Tangimetua  
 Government Statistician  
March 2017

**Table 7.1 Building Approvals**

Period	Total		Residential		Commercial (*)	
	No.	Value (\$' 000)	No.	Value (\$' 000)	No.	Value (\$' 000)
<b>YEAR</b>						
2012	55	8,046	45	6,067	10	1,979
2013	56	8,335	38	5,957	18	2,378
2014	74	9,798	56	6,488	18	3,310
2015	72	13,598	58	9,208	14	4,390
2016	110	21,789	85	13,348	25	8,441
<b>QUARTER</b>						
<b>2012</b>						
Mar	10	2,293	9	1,473	1	820
Jun	8	730	6	620	2	110
Sep	21	3,430	16	2,421	5	1,009
Dec	16	1,593	14	1,553	2	40
<b>2013</b>						
Mar	9	1,537	8	1,517	1	20
Jun	17	1,460	8	670	9	790
Sep	16	3,118	11	2,130	5	988
Dec	14	2,220	11	1,640	3	580
<b>2014</b>						
Mar	12	2,247	10	1,320	2	927
Jun	23	3,258	19	2,892	4	366
Sep	25	2,382	21	1,970	4	412
Dec	14	1,911	6	306	8	1,605
<b>2015</b>						
Mar	14	2,340	12	1,868	2	472
Jun	16	2,745	12	1,680	4	1,065
Sep	19	3,973	13	1,661	6	2,312
Dec	23	4,540	21	3,999	2	541
<b>2016</b>						
Mar	30	5,780	29	4,380	1	1,400
Jun	38	6,243	29	4,847	9	1,396
Sep	22	3,140	13	2,053	9	1,087
Dec	20	6,626	14	2,068	6	4,558

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

**Note:** (\*) - Commercial establishments including non-private accommodations and industrial constructions.

**Table 7.2 Electricity Generated for Selected Islands**

Period	Cook Islands	Rarotonga	Aitutaki	Atiu	Mauke	Mangaia	Mitiaro	Penrhyn	Rakahanga	Manihiki	Palmerston <sup>2</sup>
	(kwh '000)										
<b>YEAR</b>											
2012	32,899	27,697	3,498	369	200	462	110	124	66	373	...
2013	32,516	27,184	3,679	391	215	464	92	124	64	264	39
2014	31,771	26,479	3,635	414	254	445	95	73	65	268	43
2015	29,444	24,118	3,631	373	243	458	89	149	81	253	49
2016	33,248	27,750	3,754	413	228	475	88	143	101	252	44
<b>QUARTER</b>											
<b>2012</b>											
Mar	8,373	7,078	872	84	59	120	30	31	15	83	...
Jun	8,169	6,884	850	91	55	114	30	31	18	96	...
Sep	7,917	6,673	832	91	43	114	23	31	15	95	...
Dec	8,440	7,062	944	103	43	114	26	31	18	99	...
<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	8,371	7,016	935	116	57	106	23	31	16	60	11
Jun	8,034	6,743	889	102	56	114	23	13	18	64	12
Sep	7,701	6,414	876	96	63	111	25	15	17	74	10
Dec	7,665	6,306	935	100	78	114	24	14	14	70	10
<b>2015</b>											
Mar	7,950	6,556	985	97	62	115	20	18	16	67	13
Jun	7,430	6,132	898	96	66	108	24	16	20	56	14
Sep	6,607	5,374	845	97	56	113	22	16	17	56	11
Dec	7,405	6,056	903	93	60	122	23	40	24	73	11
<b>2016</b>											
Mar	7,702	6,304	968	99	58	124	22	31	22	63	11
Jun	8,156	6,827	907	94	55	112	22	41	22	65	11
Sep	8,425	7,066	909	117	55	117	22	36	24	68	11
Dec <sup>(p)</sup>	8,965	7,553	970	103	60	122	22	35	33	56	11

**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 for the rest of the islands are estimated.

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

**Table 7.3 Aircraft Movement**

Period	Total Flights	From Rarotonga to:						
		New Zealand	Tahiti	Fiji	Honolulu	Australia	Los Angeles	Other
<b>YEAR</b>								
2012	874	705	61	-	3	52	52	4
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
<b>QUARTER</b>								
<b>2012</b>								
Mar	188	149	13	-	-	13	13	-
Jun	219	179	13	-	-	13	13	1
Sep	256	206	20	-	2	13	13	2
Dec	214	171	15	-	1	13	13	1
<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

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>						
2012	1,301	973	225	21	70	12
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
<b>QUARTER</b>						
<b>2012</b>						
Mar	209	132	63	4	8	2
Jun	392	295	64	8	16	9
Sep	355	281	46	5	23	-
Dec	345	265	52	4	23	1
<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

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

**Table 7.5 Air Cargo Imports and Exports**

<b>Period</b>	<b>Total</b>	<b>Air Cargo Imports</b>	<b>Air Cargo Exports</b>
<b>YEAR</b>		(kg '000)	
2012	1,861	1,686	175
2013	1,352	1,243	109
2014	1,337	1,255	81
2015	1,364	1,266	98
2016	1,650	1,558	92
<b>QUARTER</b>			
<b>2012</b>			
Mar	434	406	28
Jun	454	400	54
Sep	516	460	56
Dec	457	420	37
<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 <sup>(p)</sup>	489	465	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>							
2012	24.3	25.0	28.6	1,215	1,298	1,717	2,136
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
<b>QUARTER</b>							
<b>2012</b>							
Mar	25.5	25.8	28.9	605	472	698	564
Jun	24.7	25.0	28.7	260	207	272	464
Sep	21.9	23.4	28.6	115	199	315	492
Dec	25.3	25.7	28.3	235	420	432	615
<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 <sup>(p)</sup>	25.6	24.9	28.8	508	479	307	506

Sources: Meteorological Office, Rarotonga.