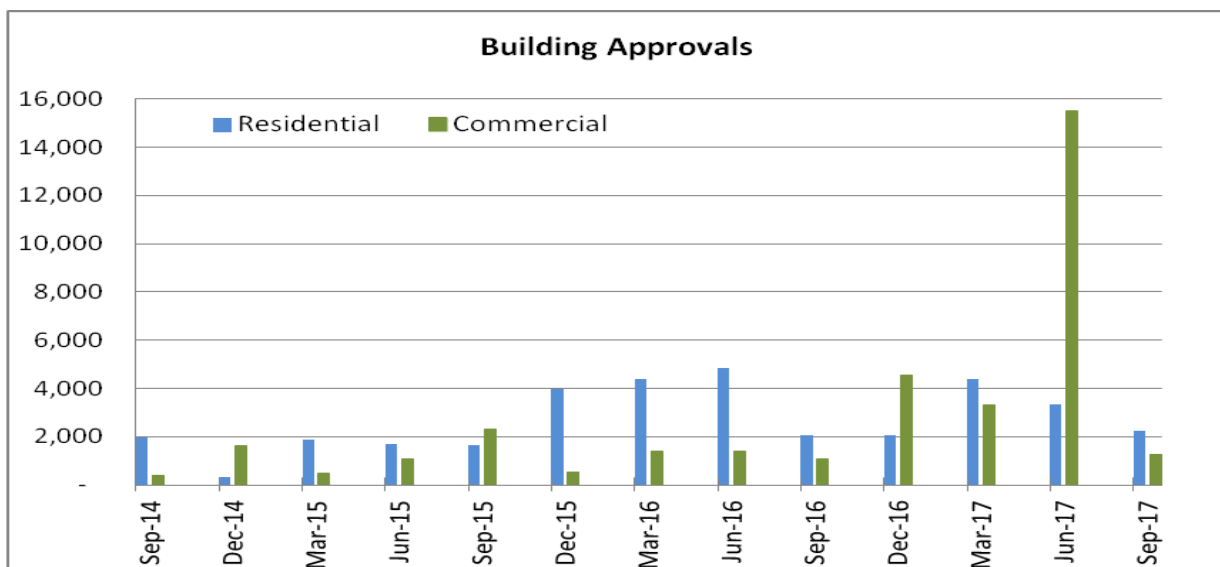


MINISTRY OF FINANCE AND ECONOMIC MANAGEMENT
GOVERNMENT OF THE COOK ISLANDS
COOK ISLANDS
STATISTICAL BULLETIN

MISCELLANEOUS STATISTICS
September Quarter 2017

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.

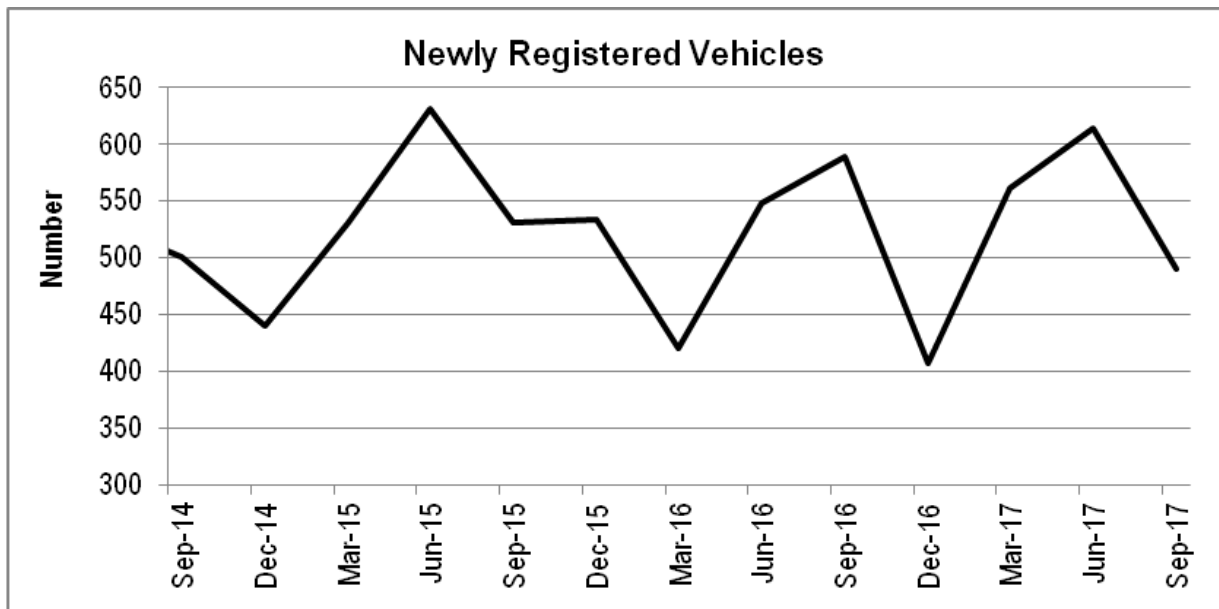
Building Approvals – The total value of buildings approved during the September quarter 2017 (3,472) decreased by 81.6 per cent when compared to June quarter 2017 (18,850). Residential buildings contributed 64.1 per cent in the total value of building approvals and the Commercial buildings (Commercial (326), Tourist Accommodation (590), Community (331)) contributed 35.9 per cent.



Electricity Generated - Total electricity generated in the Cook Islands for the September quarter 2017 was 8.4 million kWh, a 7.7 per cent decrease when compared to June quarter 2017. Of the total electricity generated 83.6 per cent was consumed on Rarotonga, followed by Aitutaki with 10.7 per cent and 5.7 per cent from the rest of the outer islands.

Aircraft Movement - International flights out of Rarotonga increased by 46 flights during September quarter 2017 when compared to June quarter 2017. New Zealand continued to be the main destination with 226 international flights.

Newly Registered Motor Vehicle - Newly registered vehicles for September quarter 2017 decreased by 20.1 per cent compared to June quarter 2017. Motor cycles continued to be the highest type of vehicles registered (51.8 per cent), followed by Cars, Jeeps and Station Wagons (30.0 per cent), Vans and Pickups (10.4 per cent).



Air Cargo - The total weight of 543,000 kilograms of air cargo was recorded in the September quarter 2017. This is a 41.4 per cent increase when compared to June quarter 2017. Air cargo exports recorded a total weight of 23,000 kilograms for September quarter 2017. 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 22.9 and 24.0 degrees Celsius, with a total rainfall of 111 millimeters for Rarotonga and 193 millimeters for Aitutaki. Penrhyn had an average temperature of 28.4 degrees Celsius with a total rainfall of 125 millimeters during September quarter 2017. A total of 631 hours of sunshine was recorded for Rarotonga.

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

Taggy Tangimetua
 Government Statistician
 February 2018

Table 7.1 Building Approvals Statistics

Period	Total		Residential		Commercial ¹		Commercial		Community ³	
	No	Value ('000)	No	Value ('000)	No	Value ('000)	Tourist Accommodation ²		No	Value ('000)
Year	No	Value ('000)	No	Value ('000)	No	Value ('000)	No	Value ('000)	No	Value ('000)
2010	71	12,335	62	9,565	8	2,270	-	-	1	500
2011	73	10,658	62	7,650	8	1,943	1	175	2	890
2012	55	8,046	45	6,067	8	1,569	2	410	-	-
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
Quarterly										
2011										
Mar	17	2,802	13	1,854	2	58	-	-	2	890
Jun	20	2,017	19	2,002	1	15	-	-	-	-
Sep	20	2,328	16	2,023	3	130	1	175	-	-
Dec	16	3,511	14	1,771	2	1,740	-	-	-	-
2012										
Mar	10	2,293	9	1,473	1	820	-	-	-	-
Jun	8	730	6	620	2	110	-	-	-	-
Sep	21	3,430	16	2,421	3	599	2	410	-	-
Dec	16	1,593	14	1,553	2	40	-	-	-	-
2013										
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
2014										
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
2015										
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
2016										
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
2017										
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

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 ²
	(kwh '000)										
YEAR											
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
QUARTER											
2012											
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	...
2013											
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
2014											
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
2015											
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
2016											
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	8,965	7,553	970	103	60	122	22	35	33	56	11
2017											
Mar ^(r)	9,818	8,255	1084	103	29	167	22	36	19	92	11
Jun ^(r)	9,180	7,726	984	103	27	154	22	38	22	93	11
Sep ^(p)	8,469	7,082	907	108	26	161	22	39	20	87	17

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
YEAR								
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
QUARTER								
2012								
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
2013								
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
2014								
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
2015								
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	-
2016								
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
2017								
Mar	206	159	13	-	1	13	16	4
Jun	231	188	14	-	-	13	13	3
Sep	277	226	21	-	-	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
YEAR						
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	0	387	82	155	85
2016	1,963	1,247	436	43	200	37
QUARTER						
2012						
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
2013						
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
2014						
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
2015						
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
2016						
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
2017						
Mar	561	311	163	13	69	5
Jun	613	339	197	13	51	13
Sep	490	254	147	26	51	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
YEAR		(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
QUARTER			
2012			
Mar	434	406	28
Jun	454	400	54
Sep	516	460	56
Dec	457	420	37
2013			
Mar	279	262	17
Jun	368	346	22
Sep	315	286	29
Dec	390	349	41
2014			
Mar	321	296	25
Jun	317	305	12
Sep	349	330	19
Dec	350	324	25
2015			
Mar	336	312	24
Jun	344	319	25
Sep	340	315	25
Dec	343	319	24
2016			
Mar	329	307	22
Jun	335	313	22
Sep	496	473	23
Dec	489	465	24
2017			
Mar	478	454	24
Jun	384	362	22
Sep	543	520	23

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
YEAR							
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
QUARTER							
2012							
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
2013							
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
2014							
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
2015							
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
2016							
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
2017							
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

Sources: Meteorological Office, Rarotonga.