

# MISCELLANEOUS

- Total value of building approvals in September quarter 2009 increased by 55.0% when compared to June quarter 2009. For the same period the total number of building permits issued increased by 15.8%.

- Residential buildings contributed 70.4% in the total value of building approvals averaging to over \$100,000 per residential building approved. The commercial buildings contributed 29.6%.

- Electricity generated for the Cook Islands in this quarter was 8.0 million kWh, a decrease of 2.1 million kWh from June quarter 2009.

- Approximately 84.4% of total electricity generated in the Cook Islands was consumed on Rarotonga, 10.3% on Aitutaki and 5.3% to the rest of the islands.

- Total vehicles registered for this quarter was 158 showing a decrease of 13.2% when compared to June quarter 2009. When compared to this time last year, it further declined by 30.1%.

- Motor cycles continues to be the largest type of vehicles registered, comprising of 55.1% followed by Cars, Jeeps and Station Wagons with 29.1% and Vans and Pickups with 12.0%.

- The number of international flights out of Rarotonga increased in this quarter by 38 flights when compared to previous quarter, and it continued to increase by 43 flights when compared to this time last year.

- New Zealand remains the highest (84.2%) international destination out of Rarotonga.

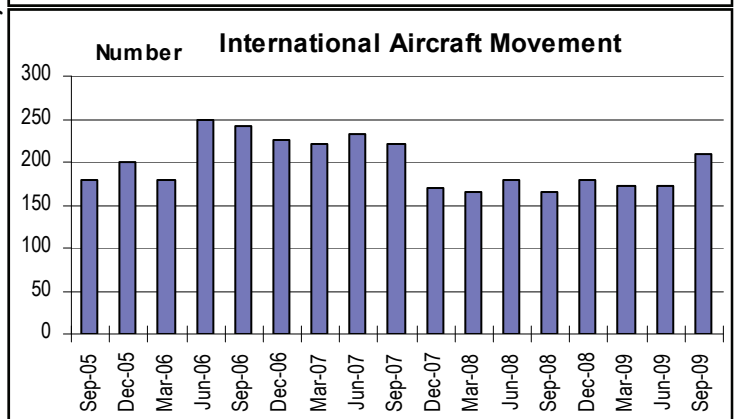
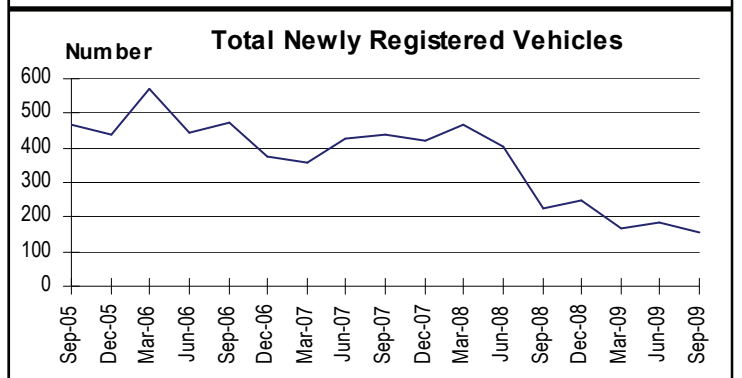
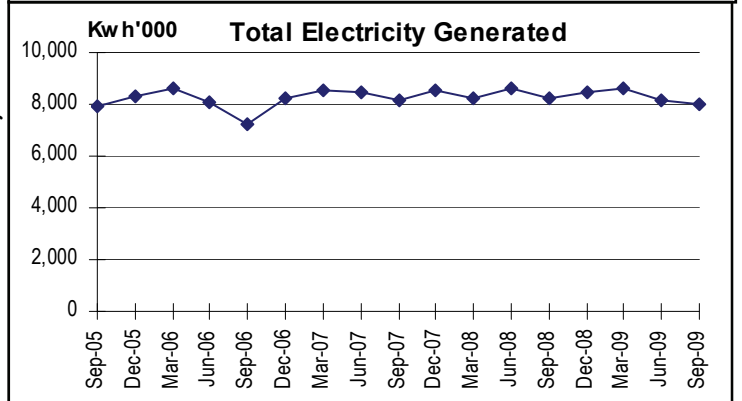
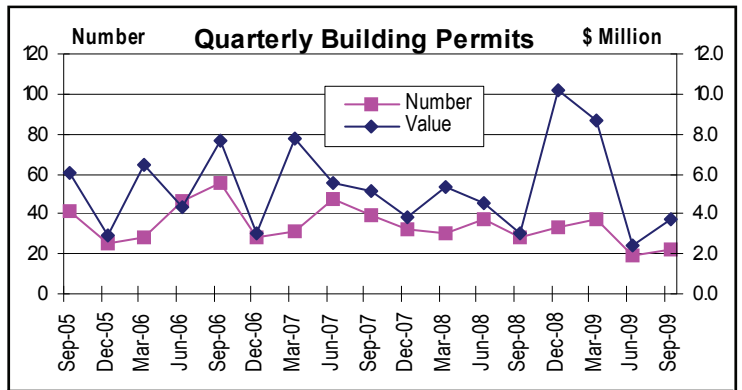
## Other Miscellaneous statistics

### Air Cargo

- Air cargo imports in this quarter increased by 9.2% or by 25,000 kg since the last quarter. 15,000 kg of air cargo export was recorded for this quarter, down by 6,000 kg when compared to June quarter this year. Air cargo measurements excludes unaccompanied baggage, personal effects and human remains. The actual value and descriptions of the air cargo imports/exports will be captured in the International trade section.

### Climate

- Rarotonga and Aitutaki recorded an average temperature of 22.3 and 25.1 degrees Celsius respectively with a total rainfall of 264 millimeters for Rarotonga and 208 millimeters for Aitutaki. Penrhyn had an average temperature of 28.8 degrees Celsius with a total rainfall of 333 millimeters during this quarter. A total of 523 hours of sunshine was recorded for Rarotonga.



**Table 7.1 Building Approvals**

Period	Total		Residential		Commercial (*)	
	No.	Value (\$' 000)	No.	Value (\$' 000)	No.	Value (\$' 000)
<b>YEAR</b>						
2004	111	12,566	75	6,174	36	6,392
2005	104	13,951	76	8,308	28	5,643
2006	157	21,532	121	13,883	36	7,649
2007	149	22,276	117	14,111	32	8,165
2008	128	22,948	113	11,846	15	11,102
<b>QUARTER</b>						
<b>2004</b>						
Mar	25	2,612	12	1,336	13	1,276
Jun	27	2,724	20	1,821	7	903
Sep	28	5,107	19	1,644	9	3,463
Dec	31	2,123	24	1,373	7	750
<b>2005</b>						
Mar	12	1,596	8	793	4	803
Jun	26	3,395	17	2,459	9	936
Sep	41	6,065	31	3,211	10	2,854
Dec	25	2,895	20	1,845	5	1,050
<b>2006</b>						
Mar	28	6,494	21	2,983	7	3,511
Jun	46	4,291	39	3,386	7	905
Sep	55	7,710	43	5,342	12	2,368
Dec	28	3,037	18	2,172	10	865
<b>2007</b>						
Mar	31	7,746	24	2,707	7	5,039
Jun	47	5,513	38	4,601	9	912
Sep	39	5,183	28	3,298	11	1,885
Dec	32	3,834	27	3,505	5	329
<b>2008</b>						
Mar	30	5,324	22	1,252	8	4,072
Jun	37	4,498	35	4,368	2	130
Sep	28	2,990	26	2,660	2	330
Dec	33	10,136	30	3,566	3	6,570
<b>2009</b>						
Mar	37	8,646	30	3,736	7	4,910
Jun	19	2,386	16	1,996	3	390
Sep	22	3,699	18	2,604	4	1,095

Source: Building Control - Ministry of Works

Note: (\*) - Commercial establishments including Non Private accommodations and Industrial constructions.

**Table 7.2 Energy Generated for Selected Islands**

Period	Cook Islands	Rarotonga	Aitutaki	Atiu	Mauke	Mangaia	Mitiaro	Penrhyn	Rakahanga	Manihiki	Palmerston
	(kwh '000)										
<b>YEAR</b>											
2004	29,758	26,297	2012	389	250	422	110	116	28	134	...
2005	30,294	27,107	1,841	308	183	459	111	118	28	139	...
2006	32,154	28,390	2,345	316	218	465	115	121	30	154	...
2007	33,695	29,592	2,384	443	273	464	130	124	54	231	...
2008	33,449	28,471	3,201	469	241	460	118	124	72	293	...
<b>QUARTER</b>											
<b>2004</b>											
Mar	7,634	6,759	513	105	54	105	30	29	7	32	...
Jun	7,784	6,922	503	94	66	102	27	29	7	34	...
Sep	7,040	6,188	496	93	64	102	27	29	7	34	...
Dec	7,300	6,428	500	97	66	113	26	29	7	34	...
<b>2005</b>											
Mar	6,411	5,717	317	99	66	114	28	29	7	34	...
Jun	7,709	6,889	500	71	39	113	27	29	7	34	...
Sep	7,886	7,054	508	70	39	115	28	30	7	35	...
Dec	8,288	7,447	516	68	39	117	28	30	7	36	...
<b>2006</b>											
Mar	8,614	7,743	545	67	38	119	28	30	7	37	...
Jun	8,098	7,180	578	66	57	115	27	30	7	38	...
Sep	7,215	6,274	600	63	59	116	27	30	7	39	...
Dec	8,227	7,193	622	120	64	115	33	31	9	40	...
<b>2007</b>											
Mar	8,534	7,565	554	105	64	115	35	31	12	53	...
Jun	8,451	7,451	574	110	65	115	36	31	13	56	...
Sep	8,147	7,116	620	89	79	114	25	31	14	59	...
Dec	8,563	7,460	636	139	65	120	34	31	15	63	...
<b>2008</b>											
Mar	8,238	7,196	563	139	66	123	36	31	16	68	...
Jun	8,584	7,222	888	140	59	124	29	31	18	73	...
Sep	8,202	6,844	950	93	58	100	27	31	20	79	...
Dec	8,425	7,209	800	97	58	113	26	31	18	73	...
<b>2009</b>											
Mar(p)	8,592	7,354	819	99	56	117	23	31	18	75	...
Jun(p)	8,153	6,910	820	100	54	107	36	31	19	75	...
Sep(p)	7,978	6,732	825	100	55	112	30	31	19	75	...

Source: Energy Division of the Ministry of Works and Te Aponga Uira, Rarotonga.

**Table 7.3 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>						
2004	1,588	1,151	293	41	89	14
2005	1,660	1,086	350	58	131	35
2006	1,862	1,323	307	55	141	36
2007	1,648	1,047	355	65	163	18
2008	1,350	882	267	44	137	20
<b>QUARTER</b>						
<b>2004</b>						
Mar	402	292	60	14	31	5
Jun	446	327	73	10	31	5
Sep	352	231	97	7	15	2
Dec	388	301	63	10	12	2
<b>2005</b>						
Mar	284	196	49	9	25	5
Jun	470	313	86	20	46	5
Sep	469	305	109	10	31	14
Dec	437	272	106	19	29	11
<b>2006</b>						
Mar	569	431	91	14	29	4
Jun	446	331	55	17	30	13
Sep	471	305	93	12	48	13
Dec	376	256	68	12	34	6
<b>2007</b>						
Mar	357	232	76	11	37	1
Jun	426	272	83	23	38	10
Sep	441	281	89	19	51	1
Dec	424	262	107	12	37	6
<b>2008</b>						
Mar	470	359	56	18	29	8
Jun	404	258	80	8	48	10
Sep	226	130	61	6	29	-
Dec	250	135	70	12	31	2
<b>2009</b>						
Mar	167	112	33	8	12	2
Jun	182	101	41	6	22	12
Sep	158	87	46	3	19	3

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

**Table 7.4 Aircraft Movement**

Period	Total Flights	From Rarotonga to:					
		Fiji	Tahiti	New Zealand	Honolulu	Los Angeles	Other
<b>YEAR</b>							
2004	670	52	153	371	94	-	-
2005	765	54	156	555	-	-	-
2006	894	52	155	687	-	-	-
2007	844	44	111	663	-	26	-
2008	689	-	83	542	-	64	-
<b>QUARTER</b>							
<b>2004</b>							
Mar	160	13	39	84	24	-	-
Jun	162	13	39	86	24	-	-
Sep	166	13	36	92	25	-	-
Dec	182	13	39	109	21	-	-
<b>2005</b>							
Mar	163	13	39	111	-	-	-
Jun	221	13	39	169	-	-	-
Sep	180	14	38	128	-	-	-
Dec	201	14	40	147	-	-	-
<b>2006</b>							
Mar	178	12	38	128	-	-	-
Jun	250	13	39	198	-	-	-
Sep	241	13	40	188	-	-	-
Dec	225	14	38	173	-	-	-
<b>2007</b>							
Mar	222	14	39	169	-	-	-
Jun	232	13	26	193	-	-	-
Sep	221	13	26	169	-	13	-
Dec	169	4	20	132	-	13	-
<b>2008</b>							
Mar	165	-	19	122	-	24	-
Jun	178	-	22	143	-	13	-
Sep	166	-	21	132	-	13	-
Dec	180	-	21	145	-	14	-
<b>2009</b>							
Mar	173	-	19	141	-	13	-
Jun	171	-	18	140	-	13	-
Sep	209	2	18	176	-	13	-

Source: Air New Zealand, Pacific Blue, Air Rarotonga and Air Tahiti.

**Table 7.5 Air Cargo Imports and Exports**

Period	Total	Air Cargo Imports	Air Cargo Exports
		(kg '000)	
<b>YEAR</b>			
2004	1,442	765	677
2005	1,663	917	746
2006	1,881	1,554	327
2007	1,429	1,270	159
2008	1,218	1,169	48
<b>QUARTER</b>			
<b>2004</b>			
Mar	355	189	166
Jun	364	194	170
Sep	364	192	172
Dec	359	190	169
<b>2005</b>			
Mar	359	189	170
Jun	380	191	189
Sep	454	262	192
Dec	470	275	195
<b>2006</b>			
Mar	363	289	74
Jun	355	283	72
Sep	566	475	91
Dec	597	507	90
<b>2007</b>			
Mar	440	386	54
Jun	333	273	60
Sep	351	318	33
Dec	305	293	12
<b>2008</b>			
Mar	311	297	14
Jun	326	320	6
Sep	310	297	13
Dec	270	255	15
<b>2009</b>			
Mar	190	173	17
Jun	294	272	21
Sep(p)	312	297	15

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						Total Hours of Sunshine Rarotonga
	Temperature (celsius)			Total Rainfall (mm)			
	Rarotonga	Aitutaki	Penrhyn	Rarotonga	Aitutaki	Penrhyn	
<b>YEAR</b>							
2004	24.8	26.1	28.8	1,724	602	1,994	2,526
2005	24.6	25.5	29.0	1,969	793	1,179	2,099
2006	24.8	25.5	29.1	2,246	1,460	1,882	2,169
2007	25.0	25.3	29.0	1,991	1,828	2,024	2,084
2008	25.0	26.1	28.5	1,991	1,358	1,213	2,088
<b>QUARTER</b>							
<b>2004</b>							
Mar	26.7	27.2	28.7	404	322	692	632
Jun	25.4	26.5	28.9	451	77	436	602
Sep	22.4	24.4	28.5	600	83	351	556
Dec	24.5	26.1	28.9	269	120	515	736
<b>2005</b>							
Mar	26.6	27.2	28.9	708	143	459	559
Jun	23.9	25.3	29.4	374	187	272	444
Sep	22.5	24.7	28.9	437	225	212	574
Dec	25.4	24.6	28.9	450	238	236	522
<b>2006</b>							
Mar	27.2	27.4	29.0	848	264	774	510
Jun	24.6	25.9	28.9	399	293	394	501
Sep	22.7	24.4	29.0	675	317	299	552
Dec	24.5	24.2	29.4	324	586	415	606
<b>2007</b>							
Mar	26.4	24.1	29.3	818	747	985	551
Jun	25.2	26.4	29.3	465	188	315	465
Sep	23.2	24.6	28.5	165	283	497	530
Dec	25.0	26.1	29.0	543	610	227	538
<b>2008</b>							
Mar	26.3	26.1	28.6	768	474	437	350
Jun	24.6	26.1	28.9	447	116	203	492
Sep	23.0	26.0	27.9	200	132	307	553
Dec	25.9	26.2	28.7	576	636	266	693
<b>2009</b>							
Mar	27.0	27.3	28.8	669	451	388	595
Jun(p)	24.3	25.8	28.9	454	294	315	535
Sep(p)	22.3	25.1	28.8	264	208	333	523

Sources: Meteorological Office, Rarotonga.