







# MINISTRY OF EDUCATION Statistics Report: 2011

#### **INTRODUCTION**

Welcome to the Cook Islands Ministry of Education Statistics Report 2011.

It is the aim of the Ministry of Education to provide all stakeholders as well as national, regional and international partners with quality educational statistics.

Information in this report is produced from the Education Management Information System. The data for this report is collected at least annually from schools. Data is provided for the current year and as a five year time series where appropriate. Annexes are provided of data tables.

Should you require any further information, please do not hesitate to contact the Monitoring and Evaluation Officer of the Planning, Policy and Review Division at the Ministry of Education.

The Ministry of Education acknowledges all those who have supported the collection and analysis of the data.

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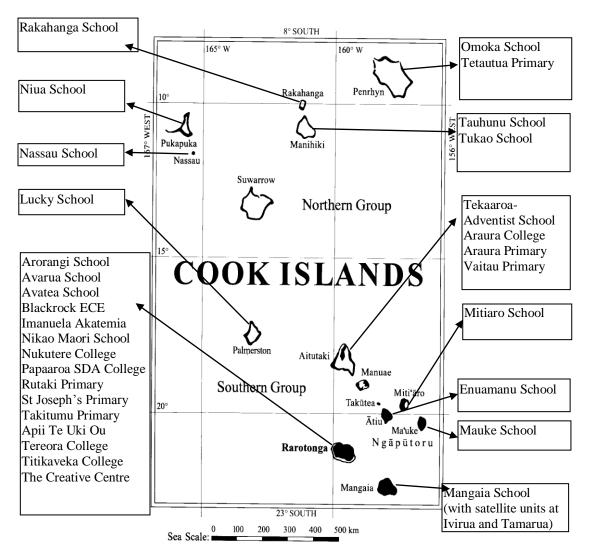
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#### STRUCTURE OF THE EDUCATION SYSTEM

Education in the Cook Islands, in the main, is provided by government institutions. There are 31 providers including 24 ECE Centres (predominantly attached to primary and area schools), 13 primary schools, 4 secondary schools and 12 area schools<sup>1</sup>.

The geographical spread of these schools is shown on the map below.



All private schools, church and independent, receive 100% of the equivalent allocation of funds that they would as a government school from the national budget. All government and private schools are required to be open to both educational and financial audit.

Governance for public schools sits with the Ministry of Education. However, each school has its own stakeholder committee which makes decisions on individual school policy.

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<sup>&</sup>lt;sup>1</sup> An area school is a school that provides education from Early Childhood through to secondary level on one site and under one management structure.

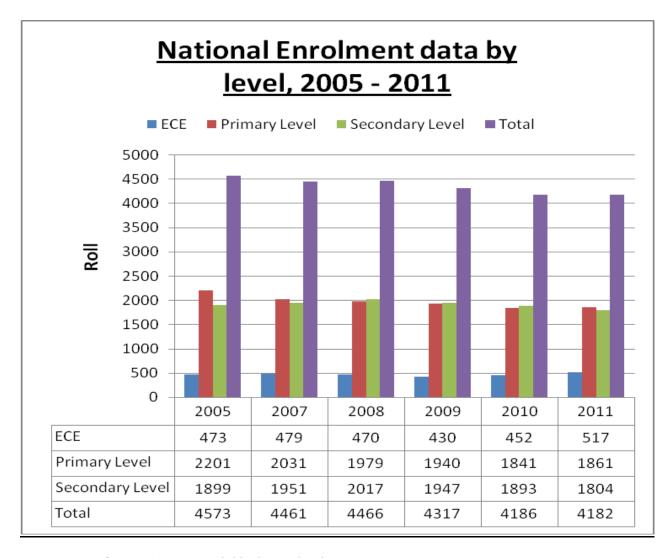
# SCHOOLS IN THE COOK ISLANDS

Schools by Status, Island and Region:

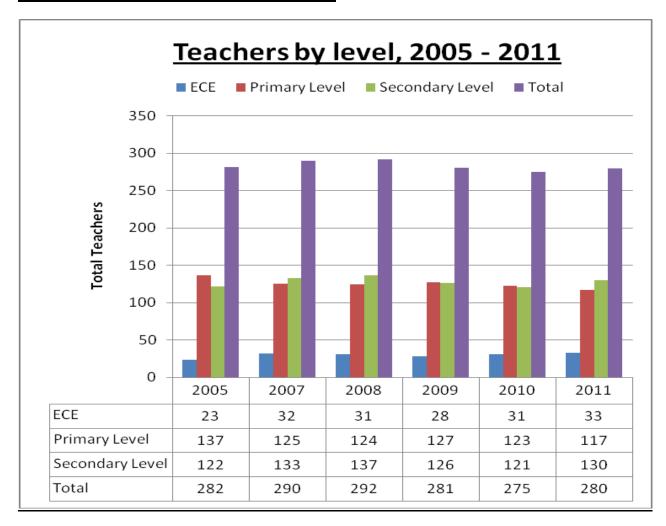
Region	Island	Schools by Status
Rarotonga	Rarotonga	Government:
		<ul> <li>Arorangi School</li> </ul>
		Avarua School
		Avatea School
		Nikao Maori School
		Rutaki Primary
		Takitumu Primary
		Tereora College
		Titikaveka College
		Private: Church:
		• St Joseph's Primary
		Nukutere College     Paragraph SDA Callege
		Papaaroa SDA College
		Imanuela Akatemia
		Private: Independent:
		Blackrock ECE
		• Apii Te Uki Ou
		The Creative Centre
Southern Group	Aitutaki	<u>Government:</u>
		Araura Primary
		<ul> <li>Vaitau Primary</li> </ul>
		<ul> <li>Araura College</li> </ul>
		Private: Church:
		<ul> <li>Tekaaroa Adventist School</li> </ul>
	Mitiaro	Government:
		Mitiaro School
	Atiu	Government:
		Enuamanu School
	Mauke	Government:
	11246110	Mauke School
	Mangaia	Government:
	17 miguiu	Mangaia School
		(with satellite units at Ivirua and
		Tamarua (ECE only))
Northern Group	Manihiki	Government:
rtoraicin Group	Waliniki	Tukao School
	Danaha	Tauhunu School
	Penrhyn	Government:
		Tetautua Primary
		Omoka School
	Rakahanga	Government:
		Rakahanga School
	Pukapuka	<u>Government:</u>
		<ul> <li>Niua School</li> </ul>
	Nassau	Government:
		Nassau School
	Palmerston	Government: (administered by the
		island administration)
		Lucky School

#### NATIONAL SUMMARY OF STUDENT ENROLMENT AND TEACHER NUMBERS

- The total student enrolment for 2011 is 4182. This is comparable with the 2010 enrolment of 4186.
- Despite the increase in enrolments for the Early Childhood and Primary levels, a significant decrease in enrolment at Secondary level contributes to the decrease in enrolment for this year, 2011. This decrease reflects the decline in primary enrolment over the last 10 years.
- The total number of teachers this year is 280, which is a slight increase from the lowest number of teachers recorded in 2010 for the past five years. Of note is the increase in the number of teachers at secondary level. This reflects the Fast Track Training Initiative which places teacher trainees in schools on a concurrent pathway.



# TEACHERS TOTAL BY LEVEL, 2005 - 2011



#### **TEACHERS' QUALIFICATIONS**

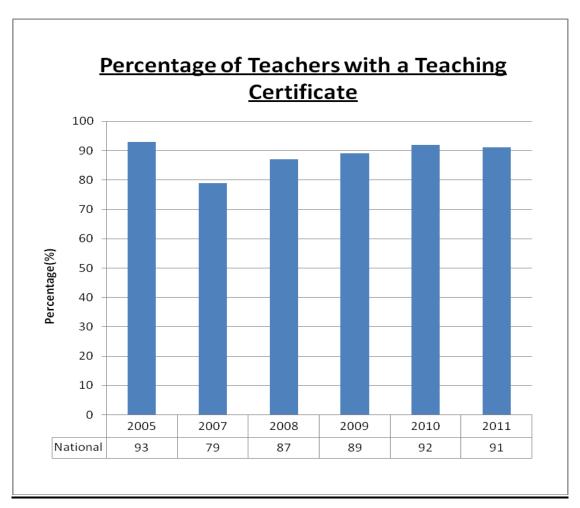
#### **Teachers with Academic Qualifications:**

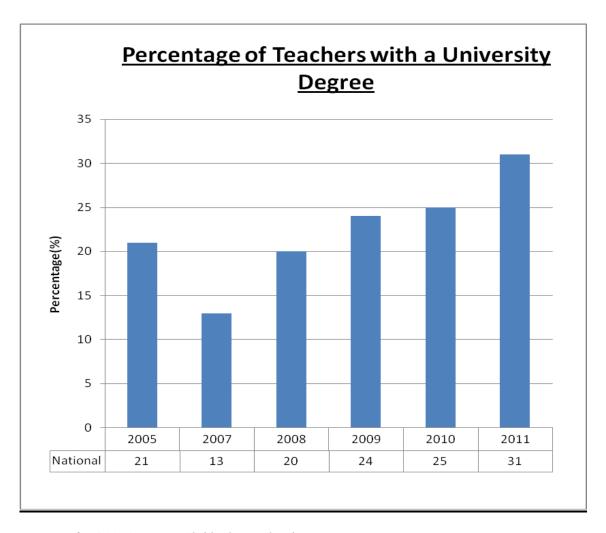
The Ministry of Education, in collaboration with the University of the South Pacific (USP) and the Department of National Human Resources Development (DNHRD), is supporting teachers to upgrade their qualifications. Currently the following cohorts are active in the Cook Islands:

- a) Diploma in ECE
- b) Bachelor of Education (Primary)
- c) Post Graduate Diploma in Educational Leadership.

Courses are delivered through mixed modalities including DFL semester courses, online courses, summer and winter schools and face to face intensives with ongoing semester support.

The graph below indicates the number of teachers with specific teaching qualifications. An analysis of those without teaching qualifications shows that the vast majority are secondary school teachers whose qualification is in their subject specialist area rather than generic education. This is in line with the historical policy which applied to secondary teachers. The Ministry now supports and encourages those with subject specific qualifications to also complete additional papers and qualifications in education.





#### EARLY CHILDHOOD EDUCATION

Early Childhood Education is identified as a priority in the current (2010-2015) Ministry of Education Statement of Intent. Quality early childhood education and the skills it develops in the very young sets a base for positive educational outcomes in formal schooling. Parents and the community have an important role to play in this development and the Ministry must make sure it supports parents in this role as well as continuing to focus on quality personnel and resources in the Early Childhood sector.

The following strategies have been identified to support the continued development of ECE:

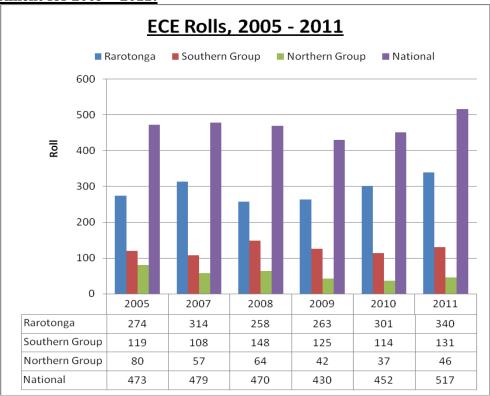
- The Ministry will focus on engaging these children in early childhood education through awareness and media programmes and individual community based responses, particularly in demographic areas where enrolment is low.
- 2. The Ministry will continue to support the professional development of ECE teachers and Advisory staff and the development of ECE specific quality assurance programmes.
- 3. The Ministry will further develop and implement the Te Kakaia programme to support parents in being the leaders of their child's education.
- 4. Resourcing for ECE (human, learning and consumables) will be tagged within school budgets.
- 5. Provision of physical learning environments which reflect health and safety requirements and curriculum intent.

The following tables and charts show the total enrolment and breakdown by gender for the year 2011 and the past six years (excluding 2006) by region.

**2011 ECE Enrolment by Gender and Region:** 

Gender	Rarotonga	Southern Group	Northern Group	National
Female	166	60	26	252
Male	174	71	20	265
Total	340	131	46	517

#### ECE Enrolment for 2005 - 2011:



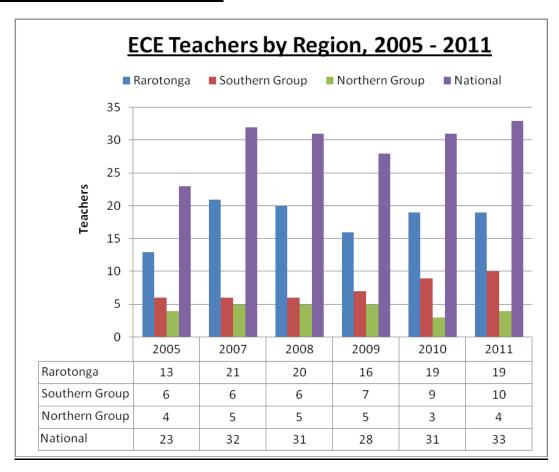
With the implementation of the new curriculum, the focus of the Ministry has been on developing quality teaching practices and supporting teacher qualifications in ECE. National workshops and smaller group tutorials have also been run.

The tables and charts below show the number of ECE teachers by gender and region for the year 2011 and over the past six years.

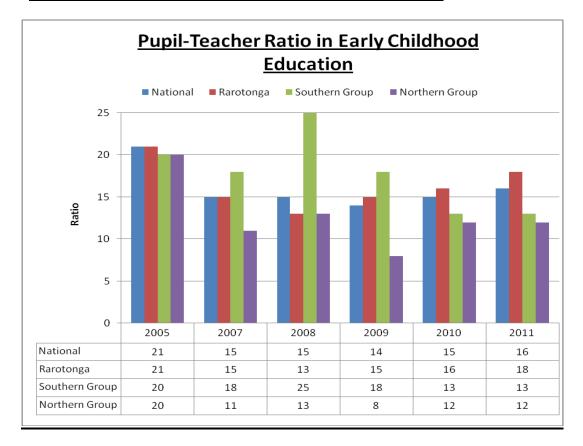
Early Childhood Education Teachers by Gender and Region, 2011:

Gender	Rarotonga	Southern Group	Northern Group	National
Female	18	10	4	32
Male	1	0	0	1
Total	19	10	4	33

#### ECE Teachers by Region, 2005-2011:



# **Early Childhood Education Pupil: Teacher Ratio, 2005-2011:**



The Ministry intends to review policies/plans around the resourcing of ECE. This will include a review of staffing ratios and the possibility of an independent line within school operational grants for ECE units.

#### PRIMARY EDUCATION

Current priorities for the Ministry of Education at primary school level include:

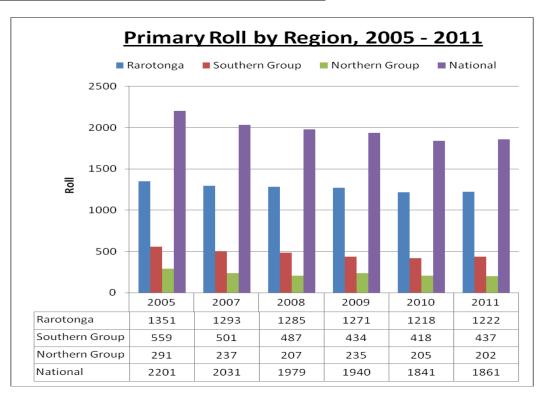
- 1. Continued emphasis on literacy programmes with a shift to the writing strand
- 2. Strengthening of Maori language programmes, particularly in Rarotonga, and the provision of quality Maori language resources.
- Pedogogical research to investigate the most relevant teaching and learning strategies for young Cook Islanders
- 4. Development of a range of assessment tools to assess learning in literacy and numeracy to inform the next steps for individual learners and allow for reliable and valid monitoring at a national level.
- 5. Continued support for the Numeracy Programme including specific teacher content knowledge professional development programmes.

The tables and charts below show the enrolments at primary level by gender in different regions of the Cook Islands.

#### **Primary Education Rolls by Region and Gender for 2011:**

Gender	Rarotonga	Southern Group	Northern Group	National
Female	587	206	114	907
Male	635	231	88	954
Total	1222	437	202	1861

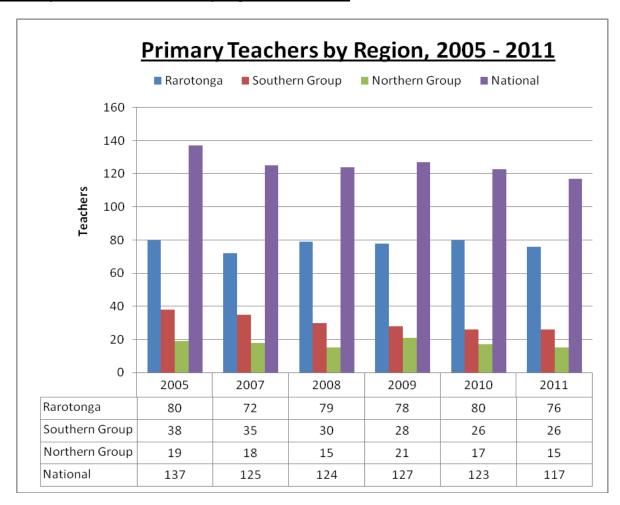
#### **Primary Education Enrolment by Region, 2005-2011:**



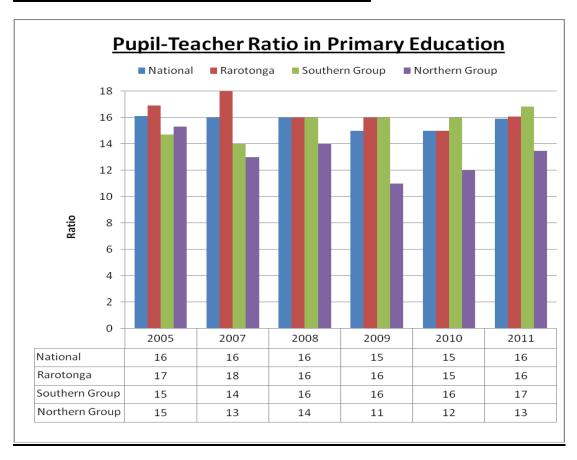
# **Primary Education Teachers by Region and Gender, 2011:**

Gender	Rarotonga	Southern Group	Northern Group	National
Female	68	22	13	103
Male	8	4	2	14
Total	76	26	15	117

#### **Primary Education Teachers by region, 2005-2011:**



# Primary Education Pupil: Teacher Ratio, 2005-2011:



#### NUMERACY AND LITERACY

An improved numeracy and literacy outcome for all learners is a key goal for the Ministry of Education and relates to many targets of the Education Master Plan *Learning for Life*. The Ministry of Education is ensuring that both financial and professional support is provided to achieve these goals.

#### **NUMERACY:**

The Numeracy project started in the Cook Islands in 2004. The aim of the project is for students to become numerate. It is focused on improving student performance in mathematics through improving the professional capability of teachers.

This can be achieved by teachers:

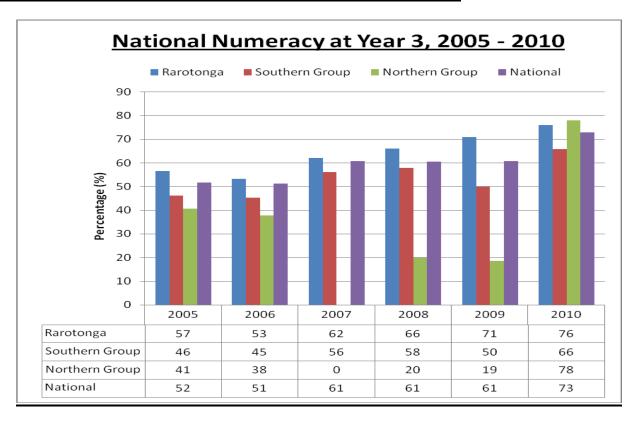
- understanding how children develop number concepts
- understanding how children develop and use mental strategies
- recognising the stages of development of each child and responding to the children's learning needs
- increasing confidence in teaching mathematics.

The Ministry of Education, under the leadership of the Numeracy Facilitator and with the support of the Ministry of Culture, has recently completed the development of the Cook Islands Numeracy Framework. This document is supported by diagnostic tools in different dialects.

The numeracy project has been targeted at Year1-8; eventually it will extend to Year10.

The table below shows the data on numeracy achievement for 2005 to 2010 and the breakdown by region.

#### **Summary of Numeracy Achievement in Percentages for 2005 – 2010:**



#### LITERACY:

An increase in primary school literacy will lead to a literate adult population. There has been a focus on literacy in both English and Maori language since 2002, with the introduction of specific advisors at first in reading and then in literacy.

Activities developed under these programmes include:

- development and implementation of in-service programmes, including cluster and school based workshops and in-school modeling
- continued implementation of a lead teacher programme
- the development, testing, evaluation and editing of instruments to gather evidence on students' reading levels in both English and Cook Islands Maori
- research and development of bilingual models suitable for the Cook Islands
- significant resourcing of school libraries
- the development of new assessment tools for Y6 and Y8.

Literacy in the primary school has been measured using different instruments. Between 1999 and 2006 formal diagnostic testing at Grade 4 and 6 was used to assess literacy in both Cook Islands Maori and English. In 2007, this changed to the use of evidence gathered by teachers over the year using newly developed instruments. This was reported to the Ministry against agreed standards and levels annually.

The table below shows the summary of Literacy achievement in 2005 to 2010. The breakdown is by region.

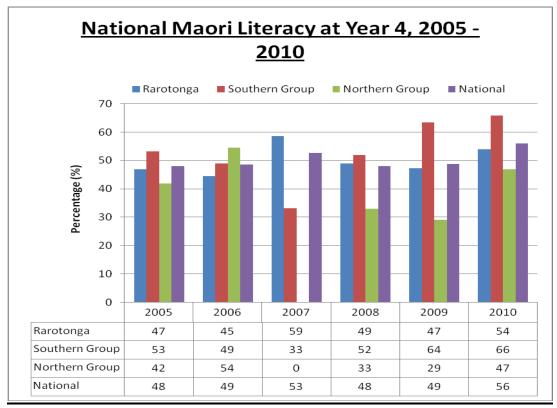
#### Percentage of Students Achieving At/Above Standards in Maori Literacy at Year 4:

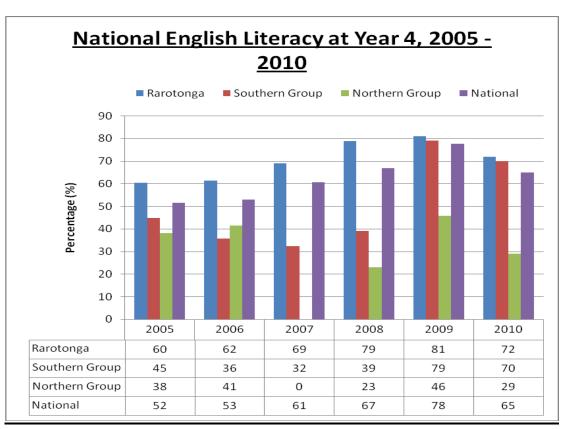
Region	2005	2006	2007	2008	2009	2010
Rarotonga	47	45	59	49	47	54
Southern Group	53	49	33	52	64	66
Northern Group	42	54	N/A	33	29	47
National	48	49	53	48	49	56

### Percentage of Students Achieving At/Above Standards in English Literacy at Year 4:

Region	2005	2006	2007	2008	2009	2010
Rarotonga	60	62	69	79	81	72
Southern Group	45	36	32	39	79	70
Northern Group	38	41	N/A	23	46	29
National	52	53	61	67	78	65

#### Summary of Maori and English Literacy Achievement in Percentages for 2005 – 2010:





### **SECONDARY EDUCATION**

Young Cook Islanders need to have the opportunity to gain the knowledge, skills and qualifications that will equip them for the career and lifestyle of their choice. The Ministry has developed a range of strategies to increase the scope of subjects that students can access at secondary school and provide services such as guidance and career counseling to support students as they make decisions about further study and career pathways. There has been an emphasis on providing seamless education and linking academic, vocational, trade and alternative courses to meet the needs of all students.

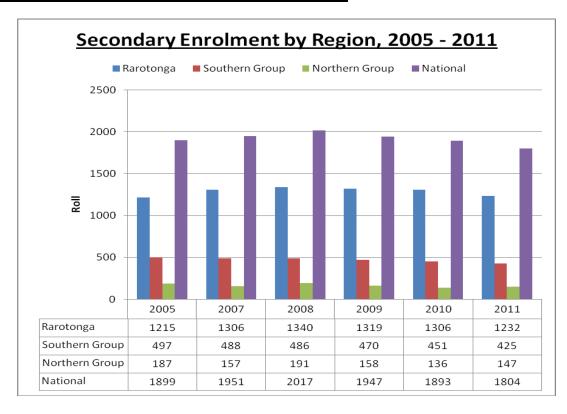
#### These strategies include:

- 1. Increasing subject scope: the last year has seen the addition of Media Studies, Enterprise and Tourism to the National College.
- 2. Dual Pathway Programmes: a range of programmes are available which students can utilize to gain credits towards both school based and vocational qualifications eg carpentry, hospitality, automotive engineering. Students on other islands can access these through block courses by visiting tutors.
- 3. Alternative Pathways the Ministry recognizes the traditional school based academic programmes do not suit all learners. By creating alternative pathways for learning, the Ministry in collaboration with other providers, can ensure that the learning needs of all students are met.
- 4. Increased access for students in isolated communities the Ministry is developing a range of online learning options for students in isolated communities. This includes "face to face" time with tutors to support learning.

#### **Secondary Education Enrolment by Gender and Region, 2011:**

Gender	Rarotonga	Southern Group	Northern Group	National
Female	650	210	69	929
Male	582	215	78	875
Total	1232	425	147	1804

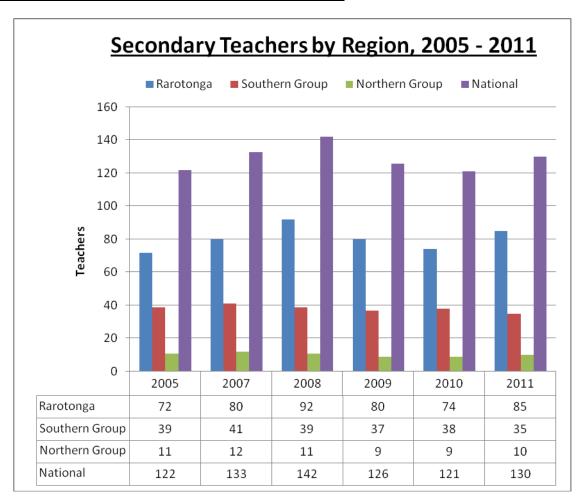
#### Secondary Education Enrolment by Region, 2005-2011:



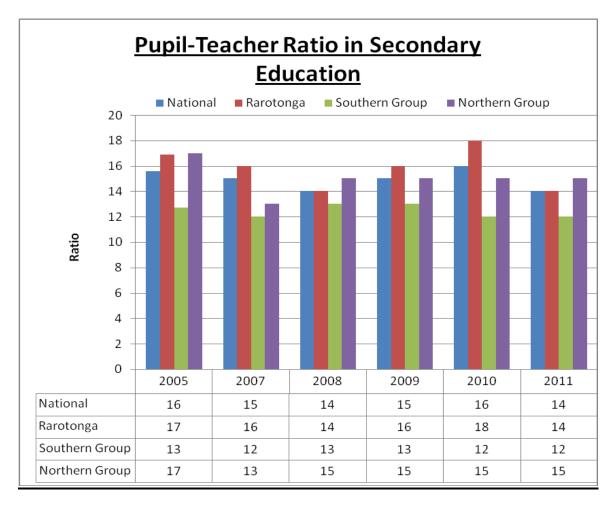
# **Secondary Education Teachers by Gender and Region 2011:**

Gender	Rarotonga	otonga Southern Group Northern Group		National
Female	46	25	3	74
Male	39	10	7	56
Total	85	35	10	130

# **Secondary Education Teachers by Region 2005-2010:**



# **Secondary Education Pupil: Teacher Ratio, 2005-2011:**



#### **National Certificate of Educational Achievement (NCEA):**

In 2002, to maintain alignment with New Zealand, the Cook Islands changed to the National Certificate of Educational Achievement (NCEA) as its national qualification. NCEA is a standards based qualification where students gain credits by providing evidence against particular performance criteria. This evidence can be provided through external examination and/or work completed internally over the school year. This qualification has three levels of attainment which align to the final three years of secondary schooling.

The following trends have been noted since this change:

- student retention in senior secondary school is increasing, particularly in Years 12-13
- the range of subjects and standards students are accessing is increasing

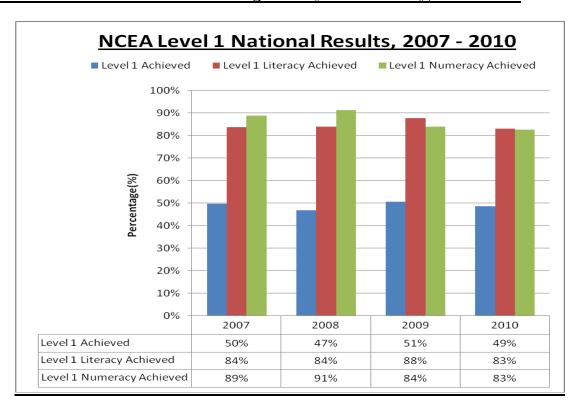
The Cook Islands has set the following targets for national achievement in school based qualifications and retention of students in learning:

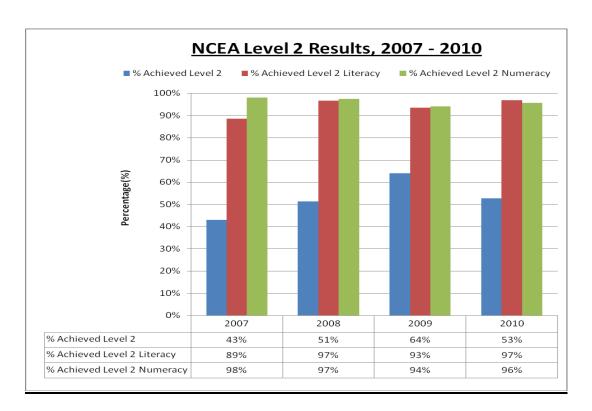
- ensuring 75% of students entering NCEA Level 1 for the first time at year 11 will achieve the qualification
- achieving 90% student retention beyond the minimum leaving age either in formal schooling or another recognized course of learning
- ensuring that at least 60% of school leavers are participating in some form of tertiary education.

With a world wide shortage of secondary teachers, and particularly those with NCEA experience, a challenge for the Ministry is to attract and retain quality teachers across a wide range of learning areas for the senior secondary school. In particular, the challenge is to maintain parents' confidence in the range and quality of education provided in the Cook Islands, so that senior students remain in the country and are involved in learning programmes. The Ministry has developed a direct recruit programme to attract teachers from New Zealand and elsewhere in the region. It is also working closely with the Department of National Human Resource Development (DNHRD) and other providers to increase the range of pathways of learning for secondary school students.

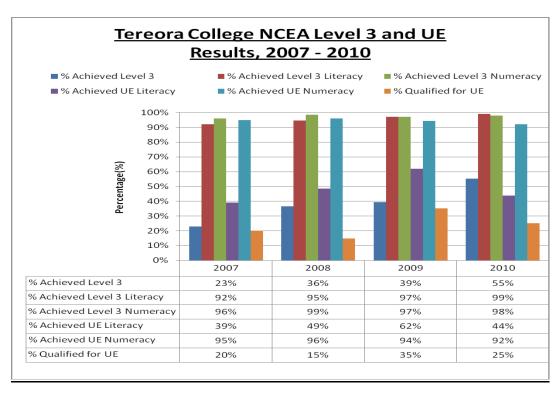
In 2010, the Ministry added Performing Arts to the scope of subjects offered at Tereora College and Physical Education to Titikaveka College. In 2011, the Ministry added Tourism, Media Studies and Enterprise Studies to Tereora College. The number of vocational courses for dual pathway programmes with DNHRD has also increased.

#### NCEA Level 1 National Results including Literacy and Numeracy, 2007 – 2010:





To gain NCEA Level 3, students need at least 60 credits at L3 and 20 further credits at L2 or higher. To gain University Entrance, students must have at least 14 credits in 2 different approved subjects at Level 3 and a further 14 credits from up to 2 other approved subjects at Level 3. There is also a literacy and numeracy requirement (L2 credits) for University Entrance. For many students, NCEA Level 3 is the desired leaving qualification as it provides entry to a range of training programmes as well as providing employers with a range of skills. University Entry is still the desired qualification for those intending to undertake further formal academic studies.



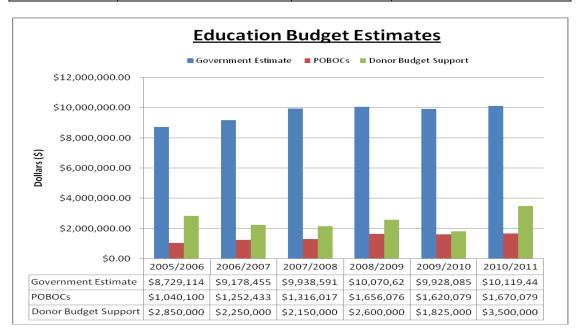
# **BUDGET:**

Ministry of Education planning is governed by the annual budget policy statement from government ... with the Education Master Plan, Statement of Intent and other mandates.

The Ministry of Education develops an annual business plan and budget for consideration by the government appointed budget committee and central agencies. When preparing its submission, the Ministry considers the national priorities and how these can be supported through the education sector.

#### **Education Budget Estimates:**

Financial Year	Government Estimate	POBOCs	Donor Budget Support
2005/2006	\$8,729,114.00	\$1,040,100.00	\$2,850,000.00
2006/2007	\$9,178,455.00	\$1,252,433.00	\$2,250,000.00
2007/2008	\$9,938,591.00	\$1,316,017.00	\$2,150,000.00
2008/2009	\$10,070,622.00	\$1,656,076.00	\$2,600,000.00
2009/2010	\$9,928,085.00	\$1,620,079.00	\$1,825,000.00
2010/2011	\$10,119,449.00	\$1,670,079.00	\$3,500,000.00



#### **Education Budget as percentage of GDP:**

Ministry of Education	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Total Appropriation	\$9,788,255.00	\$10,498,886.00	\$11,414,607.00	\$11,886,698.00	\$11,666,165.00	\$11,859,528.00
Nominal GDP	\$274,480,890.67	\$299,912,952.02	\$321,132,353.31	\$331,302,425.26	\$336,934,566.49	\$346,743,040.12
%	3.6%	3.5%	3.6%	3.6%	3.5%	3.4%

# **Appendix 1: Enrolment by School and Level, 2011:**

Regions	Schools	ECE	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Total
	Imanuela Akatemia	6	9	2	4	7	4	4	4	12	4	3	3	3	1	66
	Takitumu School	52	18	22	22	29	14	17	0	0	0	0	0	0	0	174
	St Josephs	66	28	28	32	28	26	25	0	0	0	0	0	0	0	233
	Avatea School	0	34	37	47	25	35	30	35	47	0	0	0	0	0	290
	Nukutere College	0	0	0	0	0	0	0	28	31	35	27	34	0	0	155
	Blackrock	35	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Rarotonga	Avarua School	62	64	46	53	61	52	68	60	54	0	0	0	0	0	520
ixarotoriga	Te-Uki-Ou School	20	22	11	15	18	16	14	13	8	0	0	0	0	0	137
	Nikao School	35	9	16	11	7	7	11	8	13	0	0	0	0	0	117
	Papaaroa School	20	5	18	8	12	7	13	8	16	7	8	0	0	0	122
	Rutaki School	28	20	8	8	11	7	7	0	0	0	0	0	0	0	89
	Titikaveka College	0	0	0	0	0	0	0	17	16	28	27	32	0	0	120
	Arorangi School	16	10	12	11	12	17	8	14	11	0	0	0	0	0	111
	Tereora College	0	0	0	0	0	0	0	0	0	120	115	122	164	104	625
	Araura Primary	24	19	19	20	23	17	19	0	0	0	0	0	0	0	141
	Vaitau School	23	16	3	14	7	7	10	0	0	0	0	0	0	0	80
	Araura College	0	0	0	0	0	0	0	39	37	21	32	47	16	0	192
Southern	Tekaaroa School	28	14	12	14	12	10	6	0	0	0	0	0	0	0	96
Group	Enuamanu School	12	12	10	10	9	11	7	7	13	15	10	12	8	0	136
	Mangaia School	24	16	9	19	13	17	10	9	15	19	21	15	14	5	206
	Mauke School	13	8	3	4	5	5	6	8	11	14	9	0	0	0	86
	Mitiaro School	7	8	3	2	3	1	4	3	7	9	5	4	0	0	56
	Tukao School	6	3	1	1	2	5	3	2	4	2	3	1	0	0	33
	Tauhunu School	3	0	1	4	5	9	3	4	5	2	4	4	0	0	44
	Tetautua Primary	2	2	0	3	2	0	0	2	0	1	1	0	0	0	13
Northern	Omoka School	7	7	4	7	2	6	4	7	8	2	2	2	0	0	58
Group	Lucky	0	1	4	1	1	3	2	2	5	4	1	5	0	0	29
	Nassau	5	1	2	4	4	5	6	6	0	2	2	5	0	0	42
	Rakahanga School	4	0	2	2	0	0	1	2	1	1	1	0	0	0	14
	Pukapuka School	19	20	20	14	9	14	12	12	10	11	15	6	0	0	162
	Total	517	346	293	330	307	295	290	290	324	297	286	292	205	110	4182

**Appendix 2: Enrolment by Grade, Age and Gender, 2011:** 

	Total																
Level	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19+	Total
ECE	480	30	7	0	0	0	0	0	0	0	0	0	0	0	0	0	517
Year 1	57	250	39	0	0	0	0	0	0	0	0	0	0	0	0	0	346
Year 2	0	40	239	14	0	0	0	0	0	0	0	0	0	0	0	0	293
Year 3	0	0	45	263	22	0	0	0	0	0	0	0	0	0	0	0	330
Year 4	0	0	0	49	242	13	3	0	0	0	0	0	0	0	0	0	307
Year 5	0	0	0	0	39	230	26	0	0	0	0	0	0	0	0	0	295
Year 6	0	0	0	0	4	52	216	16	2	0	0	0	0	0	0	0	290
Year 7	0	0	0	0	0	4	61	200	25	0	0	0	0	0	0	0	290
Year 8	0	0	0	0	0	0	1	81	216	25	1	0	0	0	0	0	324
Year 9	0	0	0	0	0	0	0	1	73	199	24	0	0	0	0	0	297
Year 10	0	0	0	0	0	0	0	0	0	53	226	7	0	0	0	0	286
Year 11	0	0	0	0	0	0	0	0	0	1	45	183	53	10	0	0	292
Year 12	0	0	0	0	0	0	0	0	0	0	1	29	133	33	8	1	205
Year 13	0	0	0	0	0	0	0	0	0	0	0	0	17	68	23	2	110
Total	537	320	330	326	307	299	307	298	316	278	297	219	203	111	31	3	4182
				1				Female							1	1	
Level	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19+	Total
ECE	236	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	252
Year 1 Year 2	24	126	25	0	0	0	0	0	0	0	0	0	0	0	0	0	175
Year 3	0	16	122	5	0	0	0	0	0	0	0	0	0	0	0	0	143
Year 4	0	0	26 0	120 28	11 110	7	<u>0</u>	0	0	0	0	0	0	0	0	0	157 146
Year 5	0	0	0	0	27	103	12	0	0	0	0	0	0	0	0	0	140
Year 6	0	0	0	0	2	33	103	5	1	0	0	0	0	0	0	0	144
Year 7	0	0	0	0	0	2	31	89	15	0	0	0	0	0	0	0	137
Year 8	0	0	0	0	0	0	1	40	110	8	1	0	0	0	0	0	160
Year 9	0	0	0	0	0	0	0	1	37	100	10	0	0	0	0	0	148
Year 10	0	0	0	0	0	0	0	0	0	31	108	2	0	0	0	0	141
Year 11 Year 12	0	0	0	0	0	0	0	0	0	1 0	26 1	89 20	24 77	6 21	0 6	0 1	146 126
Year 12	0	0	0	0	0	0	0	0	0	0	0	0	11	49	10	1	71
Total	260	158	173	153	150	145	148	135	163	140	146	111	112	76	16	2	2088
Total	200	100		100	.00	1-10	140	Male	100	140	1.10						2000
Level	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19+	Total
ECE	244	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	265
Year 1 Year 2	33	124 24	14 117	9	0	0	0	0	0	0	0	0	0	0	0	0	171 150
Year 3	0	0	117	143	11	0	0	0	0	0	0	0	0	0	0	0	173
Year 4	0	0	0	21	132	6	2	0	0	0	0	0	0	0	0	0	161
Year 5	0	0	0	0	12	127	14	0	0	0	0	0	0	0	0	0	153
Year 6	0	0	0	0	2	19	113	11	1	0	0	0	0	0	0	0	146
Year 7 Year 8	0	0	0	0	0	0	30 0	111 41	10 106	0 17	0	0	0	0	0	0	153 164
															0	0	
Year 9 Year 10	0	0	0	0	0	0	0	0	36 0	99	14 118	0 5	0	0	0	0	149 145
Year 11	0	0	0	0	0	0	0	0	0	0	19	94	29	4	0	0	145
Year 12	0	0	0	0	0	0	0	0	0	0	0	9	56	12	2	0	79
Year 13	0	0	0	0	0	0	0	0	0	0	0	0	6	19	13	1	39
Total	277	162	157	173	157	154	159	163	153	138	151	108	91	35	15	1	2094

### Appendix 3: 1990 – 2011 ENROLMENTS BY LEVEL

Year	ECE	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11	Yr 12	Yr 13	Total
1990	480	531	373	388	377	383	390	351	392	382	323	215	72	31	4,688
1991	467	567	392	408	402	390	367	387	357	364	337	221	85	24	4,768
1992	575	649	361	387	391	395	381	385	403	352	343	207	109	29	4,967
1993	530	745	408	387	389	386	393	406	380	381	324	243	108	51	5,131
1994	527	732	485	389	366	388	390	434	331	346	346	237	91	30	5,092
1995	529	736	488	460	430	368	402	369	408	370	306	202	96	20	5,184
1996	530	757	475	488	438	422	376	365	383	365	307	235	92	32	5,265
1997	447	733	433	442	444	445	385	329	343	335	298	215	90	24	4,963
1998	460	686	416	381	414	407	407	355	304	301	284	176	93	26	4,710
1999	422	667	405	397	367	381	377	359	314	277	267	183	96	33	4,545
2000	465	514	366	406	370	353	370	365	343	274	219	178	74	35	4,332
2001	451	504	411	385	374	377	351	353	363	333	244	179	110	22	4,457
2002	399	529	337	405	363	394	360	341	352	332	298	285	126	58	4,579
2003	457	392	371	351	399	354	387	354	332	323	313	325	181	73	4,612
2004	472	416	332	366	351	401	359	372	345	326	305	343	145	98	4,631
2005	473	390	330	351	390	345	395	353	366	325	294	307	175	79	4,573
2007	479	369	292	319	357	335	359	302	397	337	307	299	191	118	4,461
2008	470	344	328	307	318	352	330	368	329	369	327	333	193	98	4,466
2009	430	399	311	306	297	296	331	322	342	295	346	357	204	81	4,317
2010	452	335	330	298	301	285	292	309	330	317	266	351	212	108	4,186
2011	517	346	293	330	307	295	290	290	324	297	286	292	205	110	4,182
Average	480	570	389	390	386	382	377	364	358	338	302	244	118	49	4,762

# **Appendix 4: Teachers by School and Level, 2011:**

Regions	Schools	ECE	Primary	Secondary	Total
	Imanuela Akatemia	1	3	2	6
	Takitumu School	3	7	0	10
	St Josephs	2	7	0	9
	Avatea School	0	18	0	18
	Nukutere College	0	0	12	12
	Blackrock	3	0	0	3
Paratanga	Avarua School	3	18	5	26
Rarotonga	Te-Uki-Ou School	3	9	0	12
	Nikao School	1	4	2	7
	Papaaroa School	1	3	3	7
	Rutaki School	1	3	0	4
	Titikaveka College	0	0	11	11
	Arorangi School	1	4	3	8
	Tereora College	0	0	47	47
	Araura Primary	1	7	0	8
	Vaitau School	2	3	0	5
	Araura College	0	0	15	15
Southern	Tekaaroa School	1	3	0	4
Group	Enuamanu School	1	5	5	11
	Mangaia School	3	4	8	15
	Mauke School	1	1	6	8
	Mitiaro School	1	3	1	5
	Tukao School	0	2	1	3
	Tauhunu School	1	1	1	3
	Tetautua Primary	0	1	0	1
Northern	Omoka School	0	2	1	3
Group	Lucky	0	2	1	3
	Nassau	1	1	1	3
	Rakahanga School	1	1	0	2
	Pukapuka School	1	5	5	11
	Total:	33	117	130	280