



# Secondary Qualifications Statistics 2006

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ISBN 978-1-877444-10-4

## FINAL REPORT

This report for 2006 presents information concerning school candidate attainment in:

- the National Qualifications Framework (NQF), including the National Certificates of Educational Achievement (NCEA)
- University Entrance
- New Zealand Scholarship Certificate.

In the context of the report:

- a 'candidate' is a school student having one or more valid 2006 NQF results as at 9 March 2007, the time of calculating these statistical data
- a 'valid result' (referred to as a 'result' in this report) includes all results gaining credit plus 'not achieved' externally assessed results
- entries are only received for external assessments
- 'results gaining credit' are those achieved, achieved with merit and achieved with excellence.

The tables illustrate trends in the number of candidates achieving qualifications, provide information on results distributions for various candidate groupings, and supply statistics relating to school curriculum learning areas and scholarship subjects.

The tables represent final results. Compassionate considerations, grade reviews and reconsiderations have been taken into account.

Where tables refer to candidate numbers, or include these numbers in calculations, they are based upon the number of candidates who actually received final grades or results in the qualifications concerned.

The year 2002 marked the beginning of the full implementation of the NQF in secondary schools, commencing with the Level 1 qualification. NQF qualifications (principally the NCEA) are now the main national secondary school qualifications. Information on the NCEA can be found at [www.nzqa.govt.nz/ncea/about/index.html](http://www.nzqa.govt.nz/ncea/about/index.html)

In this report, the New Zealand Qualifications Authority (NZQA) has supplied general data that are likely to be useful and of interest to a broad audience.

Any suggestions as to how the contents of this publication or website could be improved in future years would be appreciated. Please refer to page 16 for contact details.

More specific information is available on request and will be charged for on a cost-recovery basis. For details, see page 16 of this booklet.

## GENERAL OVERVIEW

**Table 1: Overview of results**

Table 1 shows general information on secondary school students assessed against NQF (including NCEA) standards in 2006, and their results<sup>[1]</sup>.

	Total	Year of schooling				
		Before Year 11	Year 11	Year 12	Year 13	Above Year 13
Number of students on secondary school rolls at July 1 2006 <sup>[1]</sup>	273 269	122 980	62 761	49 962	36 098	1 468
Number with NQF results <sup>[2]</sup>	150 055	7 452	58 927	47 760	33 709	713
Number of females with NQF results	77 232	3 527	29 452	24 846	18 035	418
Number of males with NQF results	72 823	3 925	29 475	22 914	15 674	295
Number of NZ Māori with NQF results	24 566	1 819	10 898	7 177	4 073	187
Number of NZ European with NQF results	86 709	4 137	34 309	28 010	19 267	267
Number of Pasifika Peoples with NQF results	12 178	239	4 971	3 965	2 885	78
Number of Asian with NQF results	17 699	816	5 635	5 741	5 284	132
Number of other/unspecified ethnicity with NQF results	8 903	441	3 114	2 867	2 200	49
Total number of NQF standards gaining credit <sup>[3]</sup>	3 556 059	56 052	1 739 131	1 148 849	594 661	8 416
Number of unit standards gaining credit	1 258 425	11 940	587 463	457 973	186 444	6 121
Number of achievement standards gaining credit	2 297 634	44 112	1 151 668	690 876	408 217	2 295
Total number of credits gained in all NQF standards	12 001 919	186 679	5 522 594	3 870 026	2 365 345	27 640
Number of credits gained in unit standards	3 819 367	32 412	1 566 612	1 470 774	702 726	18 903
Number of credits gained in achievement standards	8 182 552	154 267	3 955 982	2 399 252	1 662 619	8 737
Number of students gaining NQF credits	149 700	7 348	58 913	47 701	33 536	708
Number of students gaining 1-19 NQF credits	15 401	3 229	3 846	3 700	3 435	224
Number of students gaining 20-39 NQF credits	15 683	2 620	4 351	4 304	3 896	187
Number of students gaining 40-59 NQF credits	17 016	1 021	5 096	5 761	4 872	136
Number of students gaining 60-79 NQF credits	21 978	327	6 701	8 188	6 645	78
Number of students gaining 80 or more NQF credits	79 622	151	38 919	25 748	14 688	83
Number of students gaining one NQF qualification	92 546	156	37 669	32 909	21 602	201
Number of students gaining more than one NQF qualification	7 470	24	579	4 384	2 404	76

[1] Number of students on secondary school rolls at July 1 2006, coded in Ministry of Education statistics as year 9 and above.

[2] A 'result' is counted where a standard gains credit or is assessed as 'not achieved'. Note the 'not achieved' results are not received for internally assessed standards.

[3] This encompasses both unit standards at any level and achievement standards.

## Table 2: Trends over time

Table 2 shows the numbers of NQF (including NCEA) standards, credits and qualifications achieved<sup>[1]</sup> in 2003, 2004, 2005 and 2006. The 2003 figures have been recalculated to reflect the changed definition of candidate<sup>[2]</sup> used in this report.

	Year of schooling	2003	2004	2005	2006
No. of candidates with NQF results	Year 11	49 929	54 463	55 841	58 927
	Year 12	39 523	44 803	45 115	47 727
	Year 13	13 766	32 644	33 268	33 568
Total no. of NQF standards with results	Year 11	1 732 955	1 874 716	1 917 652	2 051 142
	Year 12	1 101 101	1 321 219	1 323 589	1 375 347
	Year 13	158 025	746 144	746 005	736 731
Total no. of NQF standards gaining credit	Year 11	1 402 088	1 552 411	1 607 928	1 739 131
	Year 12	895 887	1 073 725	1 087 440	1 148 849
	Year 13	137 154	583 238	593 403	594 661
Total no. of NCEA qualifications achieved	Year 11	30 674	33 577	34 994	38 678
	Year 12	27 784	36 703	36 946	41 201
	Year 13	4 066	28 578	24 623	26 255
Total no. of other NQF (non-NCEA) qualifications achieved	Year 11	94	120	177	182
	Year 12	882	1 186	1 233	620
	Year 13	524	906	989	601
Average no. of standards gaining credit per candidate	Year 11	28.1	28.5	28.8	29.5
	Year 12	22.8	24.0	24.1	24.1
	Year 13	10.1	17.9	17.9	17.7
Average no. of credits gained per candidate	Year 11	91.2	91.9	92.3	93.7
	Year 12	74.8	79.3	81.1	81.1
	Year 13	33.9	68.8	69.2	70.5

[1] "Standards achieved" are those in which candidates have reached the set standard and gained credit.

[2] In 2003, a candidate was defined as a student with one or more valid entries. In 2004, 2005 and 2006, a candidate is defined as a student with one or more valid results.

**Table 3a: Achievement statistics by NQF level**

Tables 3a and 3b summarise results by level achieved by candidates in successive years of schooling.

		Total	Year of schooling				Above Year 13
			Before Year 11	Year 11	Year 12	Year 13	
Number of candidates meeting the NCEA Level 1 literacy requirement		126 264	1 629	47 592	43 943	32 494	561
Number of candidates meeting the NCEA Level 1 numeracy requirement		133 764	2 412	52 060	45 625	33 002	601
Average number of standards gained per candidate in 2006	Level 1 achievement standards	7.9	5.6	19.0	0.4	0.1	0.6
	Level 1 unit standards	4.3	1.3	8.6	2.0	0.7	3.6
	Level 2 achievement standards	4.7	0.2	0.5	13.7	0.6	0.7
	Level 2 unit standards	3.2	0.2	1.2	7.0	2.0	3.3
	Level 3 achievement standards	2.7	0.0	0.0	0.3	11.4	2.0
	Level 3 unit standards	0.9	0.0	0.1	0.6	2.8	1.6
	Level 4 and above unit standards	0.0	0.0	0.0	0.0	0.1	0.1
Average number of credits gained per candidate in 2006	Level 1	38.0	22.9	87.6	6.1	1.8	11.0
	Level 2	26.8	1.9	5.6	70.7	8.3	12.4
	Level 3	14.9	0.2	0.5	4.0	59.5	14.7
	Level 4 and above	0.2	0.0	0.0	0.2	0.6	0.7

**Table 3b: NQF qualification statistics by level and year of schooling**

	Total	Year of schooling				
		Before Year 11	Year 11	Year 12	Year 13	Above Year 13
Number of candidates achieving NQF qualifications	100 016	180	38 248	37 293	24 006	277
NCEA Level 1	49 014	161	38 003	8 636	2 075	131
NCEA Level 2	38 109	40	629	32 186	5 107	142
NCEA Level 3	19 594	2	46	379	19 073	90
Other NQF Level 1 qualifications	267	1	75	128	59	4
Other NQF Level 2 qualifications	906	1	97	471	334	3
Other NQF Level 3 qualifications	232	0	9	18	204	1
Other NQF Level 4 and above qualifications	8	0	1	3	4	0

**Table 4: NQF standards results distribution by gender, ethnicity and year of schooling**

Table 4 shows the numbers of standards with NQF results at successive levels, broken down by gender and by ethnicity.

<b>Level 1</b>	<b>Total</b>	<b>Total Year 11</b>	<b>Male</b>	<b>Female</b>	<b>NZ Māori</b>	<b>Pasifika Peoples</b>	<b>NZ European</b>	<b>Asian</b>
Number of candidates with NQF results	100 135	58 744	49 967	50 168	19 460	9 570	55 839	9 751
Number of standards with results	2 155 608	1 936 419	1 041 934	1 113 674	338 827	161 049	1 326 865	211 874
Percent of achievement standards gained	57.3	57.5	61.5	53.6	66.7	68.9	56.4	48.3
Percent of achievement standards gained with merit	29.4	29.4	27.6	31.0	24.5	22.9	30.3	32.0
Percent of achievement standards gained with excellence	13.3	13.1	10.9	15.4	8.8	8.2	13.3	19.8

<b>Level 2</b>	<b>Total</b>	<b>Total Year 12</b>	<b>Male</b>	<b>Female</b>	<b>NZ Māori</b>	<b>Pasifika Peoples</b>	<b>NZ European</b>	<b>Asian</b>
Number of candidates with NQF results	95 065	46 637	47 672	47 393	15 573	8 041	54 401	11 440
Number of standards with results	1 420 126	1 198 214	666 261	753 865	173 498	94 697	893 310	176 928
Percent of achievement standards gained	55.3	55.4	59.4	52.0	63.9	68.1	54.6	49.2
Percent of achievement standards gained with merit	30.0	30.1	28.2	31.5	26.1	23.2	30.8	31.1
Percent of achievement standards gained with excellence	14.7	14.5	12.4	16.5	10.0	8.7	14.6	19.8

<b>Level 3</b>	<b>Total</b>	<b>Total Year 13</b>	<b>Male</b>	<b>Female</b>	<b>NZ Māori</b>	<b>Pasifika Peoples</b>	<b>NZ European</b>	<b>Asian</b>
Number of candidates with NQF results	53 323	31 447	25 331	27 992	7 341	3 890	30 951	7 904
Number of standards with results	672 544	612 430	299 194	373 350	58 014	33 209	420 263	119 305
Percent of achievement standards gained	53.3	53.8	56.7	50.8	60.7	67.4	52.9	49.4
Percent of achievement standards gained with merit	31.0	30.8	29.7	31.9	27.6	23.7	31.4	32.2
Percent of achievement standards gained with excellence	15.7	15.4	13.7	17.3	11.7	9.0	15.7	18.4

<b>Level 4 and above</b>	<b>Total</b>	<b>Total Year 13</b>	<b>Male</b>	<b>Female</b>	<b>NZ Māori</b>	<b>Pasifika Peoples</b>	<b>NZ European</b>	<b>Asian</b>
Number of candidates with NQF results	2 543	1 450	1 055	1 488	488	127	1 377	414
Number of standards with results	3 752	2 259	1 448	2 304	816	159	1 927	672

**Table 5: NQF results distribution by learning area**

Table 5 gives the distribution of 2006 results at successive levels, broken down by school curriculum learning area and type of standard. An eighth category, specialist studies, includes standards in domains that do not fit school curriculum learning areas and higher level standards.

Level 1	All standards	Unit standards	Achievement standards			
	Total achieved results	Total achieved results	Total achieved results	% Achieved	% Merit	% Excellence
Language and languages	389 764	96 460	293 304	58.76	28.25	12.99
English	339 973	93 102	246 871	63.16	27.13	9.72
Te Reo	11 267	2 459	8 808	44.57	29.72	25.70
Other languages	38 524	899	37 625	33.22	35.30	31.48
Mathematics	538 814	250 414	288 400	57.99	28.29	13.72
Science	267 965	90 630	177 335	62.26	26.63	11.12
Technology	171 842	73 629	98 213	56.62	29.81	13.57
Social sciences	204 598	56 516	148 082	51.92	34.23	13.85
The arts	81 069	4 219	76 850	48.98	31.53	19.49
Health and physical education	162 479	56 421	106 058	56.73	32.00	11.27
Specialist studies	9 157	9 157	0	0.0	0.0	0.0

  

Level 2	All standards	Unit standards	Achievement standards			
	Total achieved results	Total achieved results	Total achieved results	% Achieved	% Merit	% Excellence
Language and languages	245 592	63 016	182 576	59.2	28.2	12.6
English	219 695	61 555	158 140	62.6	27.5	9.9
Te Reo	6 565	1 121	5 444	44.5	32.9	22.6
Other languages	19 332	340	18 992	34.8	32.8	32.4
Mathematics	204 072	44 561	159 511	59.7	29.7	10.6
Science	187 922	32 618	155 304	51.2	29.9	18.9
Technology	158 773	134 137	24 636	58.3	28.4	13.3
Social sciences	202 255	120 258	81 997	51.4	33.3	15.3
The arts	58 002	7 557	50 445	45.1	32.7	22.2
Health and physical education	109 288	58 869	50 419	55.0	31.0	14.0
Specialist studies	24 600	24 600	0	0.0	0.0	0.0

**Table 5: NQF results distribution by learning area (continued)**

Level 3	All standards	Unit standards	Achievement standards			
	Total achieved results	Total achieved results	Total achieved results	% Achieved	% Merit	% Excellence
Language and languages	101 599	15 466	86 133	52.3	30.3	17.4
English	84 602	14 796	69 806	56.3	30.0	13.7
Te Reo	4 006	507	3 499	50.1	27.0	22.8
Other languages	12 991	163	12 828	31.1	33.1	35.8
Mathematics	122 905	17 930	104 975	52.5	35.4	12.1
Science	92 579	12 043	80 536	56.7	26.6	16.8
Technology	41 681	32 717	8 964	54.4	28.7	17.0
Social sciences	88 883	20 090	68 793	55.3	30.1	14.6
The arts	34 745	2 384	32 361	43.9	32.4	23.6
Health and physical education	41 320	18 578	22 742	56.3	29.4	14.3
Specialist studies	12 403	12 403	0	0.0	0.0	0.0

Level 4 and above	All standards	Unit standards
	Total achieved results	Total achieved results
Language and languages	816	759
English	686	686
Te Reo	130	130
Other languages	0	0
Mathematics	87	87
Science	183	183
Technology	907	907
Social sciences	684	684
The arts	423	423
Health and physical education	210	210
Specialist studies	442	442

**Table 6: Number of school candidates by credit totals and NQF level**

Table 6 shows the numbers of students gaining specified bands of credits at successive NQF levels. The number of students in each credit band is reported as a percentage of all students gaining credits at that level.

No. of NQF credits	All levels		Level 1		Level 2		Level 3		Level 4 and above	
	No.	%	No.	%	No.	%	No.	%	No.	%
1-19	15 401	10.3	35 846	35.9	41 765	44.2	23 566	44.5	2 425	85.4
20-29	8 429	5.6	7 558	7.6	9 237	9.8	4 025	7.6	104	3.7
30-39	7 254	4.8	4 529	4.5	5 252	5.6	2 462	4.6	222	7.8
40-59	17 016	11.4	7 705	7.7	8 358	8.9	4 861	9.2	48	1.7
60-79	21 978	14.7	8 443	8.5	8 708	9.2	6 099	11.5	29	1.0
80-99	26 414	17.6	10 446	10.5	8 187	8.7	6 023	11.4	6	0.2
100-119	24 024	16.0	10 348	10.4	7 174	7.6	4 446	8.4	3	0.1
120-139	18 247	12.2	9 394	9.4	4 318	4.6	1 286	2.4	1	0.0
>= 140	10 937	7.3	5 643	5.6	1 405	1.5	244	0.5	0	0.0

**Table 7: Number of school candidates achieving credits at one or more levels**

Table 7 shows the numbers by level, of candidates gaining NQF credits at successive levels.

	2002	2003	2004	2005	2006
NQF L1 only	51 451	50 019	51 864	52 381	53 646
NQF L2 only	6 647	31 580	34 511	35 976	37 684
NQF at or above L3 only	1 471	1 811	22 092	22 696	23 650
NQF L1 and NQF L2 <sup>[1]</sup>	3 434	8 324	9 534	8 589	9 057
NQF L1 and NQF L3 & above	135	207	379	321	310
NQF L2 and NQF L3 & above	490	1 581	5 263	5 466	5 456
NQF L1, NQF L2 and NQF L3 & above	187	364	582	483	442

[1] Where more than one level is involved, NQF L1, NQF L2 and NQF L3 & above represent students who received results having an aggregate credit value of 20 or more at the level concerned. A student with aggregate credits in 2006 of 15 at level 1, 52 at level 2, 15 at level 3 and 7 at level 4 would show as NQF L2 & L3.

### Table 8: University Entrance attainment through NQF/NCEA results

Table 8 shows attainment of the University Entrance criteria by eligible candidates. An eligible candidate is one whose results show sufficient credits attempted to potentially qualify the candidate for the award of University Entrance and who has met the literacy and numeracy requirements.

	2004	2005	2006
All candidates	16 102	17 243	18404
Year 13 candidates	15 810	16 865	18051
Female	9 329	9 916	10678
Male	6 773	7 327	7726
NZ Māori	925	1 080	1275
NZ European	10 940	11 629	12179
Pasifika Peoples	458	527	599
Asian	3 059	3 205	3226
Other or unspecified	720	802	1125

## Table 9: General NZ Scholarship data

Table 9 shows general information about New Zealand Scholarship entries and results.

	2006
No. of students on year 13 secondary school roll	36,098
No. of scholarship subject entries	15 412
Absent from examination	3 508
Not achieved	8 955
Scholarship achieved	2 611
Outstanding scholarship	338
% of year 13 school roll with one or more successful results	5.3
% of scholarship entries with successful results	19.1

**Table 10: NZ Scholarship results distribution by subject**

Table 10 shows the number of students studying subjects at level 3, the percentage gaining scholarships and the numbers achieving each scholarship level.

Subject	Number of year 13 students studying the subject at level 3	Percentage of year 13 students studying the subject at level 3 to be awarded Scholarship	Scholarship achieved	Outstanding scholarship
Accounting	2 894	3.0	75	12
Art History	1 728	3.2	48	7
Biology	7 742	2.9	191	30
Chemistry	6 388	3.3	189	21
Chinese	164	13.4	20	2
Classical Studies	4 915	3.2	142	16
Drama	1 491	3.0	38	6
Economics	4 355	3.1	119	17
English	12 852	3.0	346	38
French	748	3.6	25	2
Geography	5 961	3.0	151	29
German	380	5.5	19	2
Graphics	1 582	3.1	44	5
History	5 383	2.8	140	10
Japanese	814	3.6	25	4
Latin	23	17.4	3	1
Mathematics with Calculus	6 981	3.1	197	21
Media Studies	2 371	2.7	57	6
Music Studies	875	3.2	25	3
Physical Education	3 612	2.2	66	12
Physics	6 345	2.8	162	17
Science	699	3.2	20	2
Spanish	238	3.8	8	1
Statistics and Modelling	12 533	3.0	325	49
Te Reo Maori	428	3.7	14	2
Technology	920	2.1	14	5
Visual Arts	5 585	3.0	148	18
			2 611	338

### **Further Information**

More specific information is available on request and will be charged for on a cost-recovery basis.

Confirmation of data availability and cost estimates will be supplied before any processing is undertaken. Full details of the data required, should be submitted to:

Manager  
Research and Knowledge Services  
New Zealand Qualifications Authority  
PO Box 160  
WELLINGTON

**t** 04 463 3000

**f** 04 802 3426

**e** [monitoring\\_research@nzqa.govt.nz](mailto:monitoring_research@nzqa.govt.nz)

**w** [www.nzqa.govt.nz](http://www.nzqa.govt.nz)