



# New Zealand Secondary Qualifications Statistics 2007

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## FINAL REPORT

This report for 2007 presents information concerning school candidate attainment in:

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

In the context of the report:

- a 'candidate' is a school student having one or more valid 2007 NQF results as at 1 May 2008, 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 all NQF standards 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 NCEA qualification. NQF qualifications (principally the NCEAs) are now the main national secondary school qualifications. Information on the NCEAs can be found at [www.nzqa.govt.nz/ncea/about/index.html](http://www.nzqa.govt.nz/ncea/about/index.html).

Certificate endorsement was first introduced in the NCEA assessment system in 2007. Please refer to Table 3b for information on endorsement with Merit and Excellence respectively. Information on the criteria for certificate endorsement can be found at <http://www.nzqa.govt.nz/nqfdocs/qaops/s07016.doc>.

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 the page 16 of this booklet.

## GENERAL OVERVIEW

**Table 1: Overview of results**

Table 1 shows general information on New Zealand secondary school students assessed against NQF standards in 2007, and their results.

	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 2007 <sup>[1]</sup>	275 276	121 738	61 957	52 343	37 831	1 407
Number with NQF results <sup>[2]</sup>	155 448	8 155	59 062	50 579	35 805	635
Number of females with NQF results	79 241	3 729	29 239	26 019	19 163	384
Number of males with NQF results	76 207	4 426	29 823	24 560	16 642	251
Number of NZ Māori with NQF results	26 671	2 060	11 625	7 877	4 582	183
Number of NZ European with NQF results	87 461	4 446	33 345	28 892	20 337	224
Number of Pasifika Peoples with NQF results	12 978	274	5 058	4 330	3 202	64
Number of Asian with NQF results	17 969	950	5 597	6 034	5 193	117
Number of other/unspecified ethnicity with NQF results	10 369	425	3 437	3 446	2 491	47
Number of NQF standards gaining credit <sup>[3]</sup>	3 634 494	62 176	1 749 544	1 192 858	616 231	6 756
Number of unit standards gaining credit	1 344 539	13 474	629 505	486 469	203 734	4 697
Number of achievement standards gaining credit	2 289 955	48 702	1 120 039	706 389	412 497	2 059
Number of credits gained in all NQF standards	12 317 611	207 838	5 566 364	4 026 405	2 470 632	23 719
Number of credits gained in unit standards	4 127 833	37 087	1 718 903	1 559 811	774 810	15 437
Number of credits gained in achievement standards	8 189 778	170 751	3 847 461	2 466 594	1 695 822	8 282
Number of students gaining NQF credits	155 052	8 055	59 040	50 525	35 588	633
Number of students gaining 1-19 NQF credits	17 283	3 413	4 063	4 546	4 216	231
Number of students gaining 20-39 NQF credits	16 571	2 976	4 325	4 696	4 163	163
Number of students gaining 40-59 NQF credits	17 325	1 073	5 000	6 082	4 981	92
Number of students gaining 60-79 NQF credits	22 026	426	6 176	8 387	6 942	64
Number of students gaining 80 or more NQF credits	81 847	167	39 476	26 814	15 286	83
Number of students gaining one NQF qualification	95 478	148	38 236	34 309	22 571	194
Number of students gaining more than one NQF qualification	8 556	23	850	4 731	2 865	80

[1] Number of students on secondary school rolls at July 1 2007, 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] Standards include unit standards at any level and achievement standards.

## Table 2: Trends over time

Table 2 shows numbers of NQF standards, credits and qualifications (including NCEA) achieved<sup>[1]</sup> in 2004, 2005, 2006 and 2007.

	Year of schooling	2004	2005	2006	2007
Number of candidates <sup>[2]</sup> with NQF results	Year 11	54 465	55 836	58 946	59 060
	Year 12	44 804	45 112	47 730	50 557
	Year 13	32 642	33 263	33 572	35 619
Number of NQF standards with results <sup>[3]</sup>	Year 11	1 874 665	1 866 417	1 997 656	1 985 263
	Year 12	1 320 882	1 268 883	1 313 682	1 355 425
	Year 13	746 047	703 908	693 960	712 211
Number of NQF standards <sup>[4]</sup> gaining credit	Year 11	1 552 359	1 607 570	1 739 281	1 749 560
	Year 12	1 073 396	1 087 236	1 148 822	1 192 858
	Year 13	583 144	593 245	594 724	616 235
Number of NCEA qualifications achieved	Year 11	33 577	34 992	38 230	39 532
	Year 12	36 704	36 935	39 607	42 873
	Year 13	28 574	24 621	24 933	27 556
Number of other NQF (non-NCEA) qualifications achieved	Year 11	120	184	201	462
	Year 12	1 189	1 239	833	1 060
	Year 13	911	999	725	1 256
Average number of standards gaining credit per candidate	Year 11	28.5	28.8	29.5	29.6
	Year 12	24.0	24.1	24.1	23.6
	Year 13	17.9	17.9	17.7	17.3
Average number of credits gained per candidate	Year 11	91.9	92.2	93.7	94.3
	Year 12	79.3	81.0	81.1	79.7
	Year 13	68.8	69.2	70.5	69.4

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

[2] In 2004, 2005, 2006 and 2007, a candidate is defined as a student with one or more valid results.

[3] 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.

[4] Standards in the table include unit standards at any level and achievement standards.

## SECONDARY QUALIFICATIONS STATISTICS 2007

**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				
			Before Year 11	Year 11	Year 12	Year 13	Above Year 13
Number of candidates meeting the NCEA Level 1 literacy requirement		130 531	1 763	47 682	46 309	34 206	505
Number of candidates meeting the NCEA Level 1 numeracy requirement		138 757	2 764	52 442	48 158	34 760	550
Average number of standards gained per candidate in 2007	Level 1 achievement standards	7.4	5.7	18.4	0.4	0.1	0.4
	Level 1 unit standards	4.4	1.4	9.4	1.7	0.6	2.5
	Level 2 achievement standards	4.6	0.2	0.5	13.2	0.5	0.7
	Level 2 unit standards	3.3	0.2	1.2	7.3	1.9	3.1
	Level 3 achievement standards	2.7	0.0	0.0	0.3	11.0	2.1
	Level 3 unit standards	1.0	0.0	0.1	0.6	3.2	1.7
	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 2007	Level 1	36.9	23.3	88.2	5.3	1.6	7.7
	Level 2	26.9	1.8	5.5	70.2	7.6	12.3
	Level 3	15.2	0.3	0.5	4.0	59.4	16.5

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

	Year of schooling					
	Total	Before Year 11	Year 11	Year 12	Year 13	Above Year 13
Number of candidates achieving NQF qualifications <sup>[1]</sup>	104 034	171	39 086	39 040	25 436	274
NCEA Level 1	49 846	156	38 919	8 607	2 048	96
Endorsed with Merit	11 487	61	10 839	409	175	3
Endorsed with Excellence	2 753	9	2 668	56	20	0
No Endorsement	35 606	86	25 412	8 142	1 853	93
NCEA Level 2	40 058	28	670	34 050	5 168	134
Endorsed with Merit	6 788	1	88	6 469	228	1
Endorsed with Excellence	1 599	0	32	1 538	29	0
No Endorsement	31 671	27	550	26 043	4 911	133
NCEA Level 3	20 936	3	60	330	20 433	110
Endorsed with Merit	4 270	0	0	71	4 194	5
Endorsed with Excellence	890	0	2	14	873	1
No Endorsement	15 776	3	58	245	15 366	104
Other NQF Level 1 qualifications	761	6	361	250	126	13
Other NQF Level 2 qualifications	1 664	3	85	774	788	12
Other NQF Level 3 qualifications	384	0	7	35	332	10
Other NQF Level 4 and above qualifications	9	0	3	0	5	1

[1] The minor discrepancy between the total (Row 1) and the sum of the sub-totals (Row 2, 6, 10, 14, 15, 16 & 17) is due to database updates.

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

Table 4 shows 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	100 961	58 860	51 312	49 649	20 556	9 886	54 419	9 829
Number of standards with results	2 080 065	1 874 481	1 008 426	1 071 639	340 781	163 904	1 249 982	200 511
Number of achievement standards gaining credit	1 156 736	1 088 664	536 067	620 669	139 480	62 830	747 725	131 286
Percent of achievement standards gained with achievement	56.8	57.1	61.1	53.1	66.5	68.7	55.5	49.1
Percent of achievement standards gained with merit	29.4	29.4	27.7	31.0	24.3	23.1	30.6	31.2
Percent of achievement standards gained with excellence	13.8	13.5	11.2	15.9	9.2	8.2	14.0	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	97 451	49 379	48 812	48 639	16 551	8 440	54 378	11 377
Number of standards with results	1 397 815	1 191 988	652 321	745 494	173 651	95 001	862 440	177 596
Number of achievement standards gaining credit	720 526	669 930	318 900	401 626	66 568	31 290	467 045	107 118
Percent of achievement standards gained with achievement	54.6	54.8	58.8	51.2	62.0	67.4	54.3	47.6
Percent of achievement standards gained with merit	30.1	30.1	28.2	31.6	26.8	23.6	30.6	31.8
Percent of achievement standards gained with excellence	15.3	15.0	13.0	17.1	11.3	9.0	15.1	20.5

<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	55 462	33 297	26 244	29 218	7 967	4 194	31 844	7 730
Number of standards with results	661 181	600 038	291 877	369 304	62 161	35 972	410 796	111 043
Number of achievement standards gaining credit	412 693	392 156	175 873	236 820	31 830	16 678	265 090	73 230
Percent of achievement standards gained with achievement	53.8	54.3	57.7	51.0	62.3	65.7	53.1	50.0
Percent of achievement standards gained with merit	30.0	29.9	28.5	31.2	26.1	24.4	30.8	30.6
Percent of achievement standards gained with excellence	16.1	15.8	13.7	17.9	11.6	9.9	16.1	19.5

<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	2 500	1 480	1 136	1 364	448	156	1 371	353
Number of standards with results	3 786	2 312	1 643	2 143	779	196	1 968	590

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

Table 5 gives the distribution of 2007 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.

<b>Level 1</b>	<b>All standards</b>	<b>Unit standards</b>	<b>Achievement standards</b>			
	<b>Total achieved results</b>	<b>Total achieved results</b>	<b>Total achieved results</b>	<b>% Achieved</b>	<b>% Merit</b>	<b>% Excellence</b>
Language and languages	386 765	103 038	283 727	57.50	29.21	13.30
English	338 644	99 185	239 459	61.73	28.42	9.86
Te Reo	11 603	2 431	9 172	41.56	29.54	28.90
Other languages	36 518	1 422	35 096	32.78	34.51	32.71
Mathematics	548 173	258 859	289 314	60.39	26.48	13.13
Science	262 263	98 456	163 807	60.93	27.19	11.88
Technology	167 035	73 155	93 880	55.19	30.04	14.77
Social sciences	224 057	79 606	144 451	49.80	34.26	15.93
The arts	82 709	6 788	75 921	48.65	31.58	19.77
Health and physical education	149 387	43 751	105 636	55.59	32.98	11.42
Specialist studies	11 883	11 883	0	0.0	0.0	0.0

  

<b>Level 2</b>	<b>All standards</b>	<b>Unit standards</b>	<b>Achievement standards</b>			
	<b>Total achieved results</b>	<b>Total achieved results</b>	<b>Total achieved results</b>	<b>% Achieved</b>	<b>% Merit</b>	<b>% Excellence</b>
Language and languages	236 250	65 011	171 239	57.6	29.1	13.3
English	209 257	63 781	145 476	61.4	28.3	10.4
Te Reo	6 901	675	6 226	39.1	35.8	25.1
Other languages	20 092	555	19 537	35.3	33.1	31.6
Mathematics	211 312	53 313	157 999	58.7	29.5	11.8
Science	196 342	33 593	162 749	50.9	30.0	19.1
Technology	175 768	150 960	24 808	57.0	28.8	14.2
Social sciences	163 442	84 164	79 278	53.4	31.3	15.3
The arts	79 794	9 138	70 656	46.9	32.4	20.6
Health and physical education	110 895	57 098	53 797	55.0	31.0	14.0
Specialist studies	61 868	61 868	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	% Achieved	% Merit	% Excellence
Language and languages	93 384	16 337	77 047	51.3	30.5	18.3
English	76 066	15 737	60 329	55.9	30.3	13.9
Te Reo	4 070	379	3 691	47.1	29.3	23.6
Other languages	13 248	221	13 027	31.1	32.0	37.0
Mathematics	127 424	22 572	104 852	56.5	31.2	12.2
Science	92 253	13 076	79 177	56.3	26.8	16.9
Technology	43 658	34 723	8 935	52.1	28.8	19.1
Social sciences	96 760	26 383	70 377	54.8	30.3	14.9
The arts	51 772	3 041	48 731	45.6	32.6	21.8
Health and physical education	40 280	16 706	23 574	56.9	28.8	14.3
Specialist studies	17 234	16 793	0	0.0	0.0	0.0

Level 4 and above	All standards	Unit standards
	Total achieved results	Total achieved results
Language and languages	685	685
English	556	556
Te Reo	129	129
Other languages	0	0
Mathematics	57	57
Science	326	326
Technology	1 185	1 185
Social sciences	643	643
The arts	259	259
Health and physical education	195	195
Specialist studies	436	436

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

Table 6 shows 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.

Number of NQF credits	All levels		Level 1		Level 2		Level 3		Level 4 and above	
	No.	%	No.	%	No.	%	No.	%	No.	%
1-19	17 283	11.1	37 206	36.9	42 866	44.2	24 003	43.7	2 224	0.0
20-29	8 797	5.7	7 137	7.1	8 932	9.2	4 096	7.5	133	0.0
30-39	7 774	5.0	4 415	4.4	5 279	5.4	2 397	4.4	96	0.0
40-59	17 325	11.2	7 417	7.4	8 394	8.7	5 085	9.3	43	0.0
60-79	22 026	14.2	7 972	7.9	9 160	9.4	6 665	12.1	13	0.0
80-99	27 157	17.5	10 519	10.4	8 897	9.2	6 327	11.5	6	0.0
100-119	24 714	15.9	10 613	10.5	7 489	7.7	4 630	8.4	0	0.0
120-139	18 548	12.0	9 390	9.3	4 540	4.7	1 390	2.5	0	0.0
>= 140	11 428	7.4	6 046	6.0	1 394	1.4	338	0.6	0	0.0

## SECONDARY QUALIFICATIONS STATISTIC 2003, 2004, 2005, 2006, 2007

**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.

	2003	2004	2005	2006	2007
NQF L1 only	50 016	51 869	52 392	53 655	54 000
NQF L2 only	31 582	34 508	35 974	37 698	40 048
NQF at or above L3 only	1 812	22 092	22 701	23 654	25 315
NQF L1 and NQF L2 <sup>[1]</sup>	8 321	9 526	8 588	9 069	8 369
NQF L1 and NQF L3 & above	207	377	318	305	263
NQF L2 and NQF L3 & above	1 579	5 266	5 464	5 455	5 324
NQF L1, NQF L2 and NQF L3 & above	364	579	482	442	344

[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 2007 of 15 at level 1, 52 at level 2, 15 at level 3 and 7 at level 4 would show as NQF L2 & L3.

## NZ UNIVERSITY ENTRANCE AND SCHOLARSHIP STATISTICS 2007

**Table 8: NZ 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	2007
All candidates	16 102	17 243	18 404	19 574
Year 13 candidates	15 810	16 865	18 051	19 215
Female	9 329	9 916	10 678	11 466
Male	6 773	7 327	7 726	8 108
NZ Māori	925	1 080	1 275	1 564
NZ European	10 940	11 629	12 179	12 860
Pasifika Peoples	458	527	599	771
Asian	3 059	3 205	3 226	3 208
Other or unspecified	720	802	1 125	1 171

## Table 9: General NZ Scholarship data

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

	2006	2007
Number of students on year 13 secondary school roll	36 098	37 994
Number of scholarship subject entries	15 412	15 570
Absent from examination	3 508	3 584
Not achieved	8 955	8 950
Scholarship achieved	2 611	2 681
Outstanding scholarship	338	355
% of year 13 school roll with one or more successful results	5.3	5.1
% of scholarship entries with successful results	19.1	19.5

**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	2 735	3.1	77	9
Art History	1 941	2.3	36	8
Biology	7 681	3.2	220	24
Chemistry	6 500	3.1	177	22
Chinese	170	10.6	11	7
Classical Studies	4 916	3.1	137	16
Drama	1 546	2.8	36	7
Economics	4 422	3.1	118	17
English	13 442	2.9	347	46
French	819	3.9	27	5
Geography	5 911	3.3	170	22
German	331	5.4	16	2
Graphics	1 546	2.9	41	3
History	5 236	3.1	146	17
Japanese	769	3.3	20	5
Latin	29	17.2	4	1
Mathematics with Calculus	7 061	2.9	178	26
Media Studies	2 656	3.1	71	10
Music Studies	946	3.6	30	4
Physical Education	3 675	2.4	83	5
Physics	6 417	2.8	160	19
Science	796	3.0	21	3
Spanish	244	3.3	7	1
Statistics and Modelling	12 786	3.2	361	47
Te Reo Maori	442	3.6	14	2
Technology	1 128	1.2	9	4
Visual Arts	5 954	3.1	163	23
	2 735	3.1	77	9

## **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)