



School Leavers Attainment 2004 Data Cubes USERS GUIDE

The users guide for the School Leavers Attainment 2004 data cubes, accessible on Education Counts on edCentre (*Education Counts*).

October 2005

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Document Information

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All care has been taken in the preparation of this publication. The data presented was deemed to be accurate at the time of publication, but may be subject to change. It is advisable to check for updates to this publication *via* the *Education Counts* web site at the following address <http://www.educationcounts.edcentre.govt.nz/>.

Privacy issues

The Ministry of Education is required to ensure that the release of information recognises any legislation relating to the privacy of education information, in particular the Official Information Act 1982, and the Privacy Act 1993.

Education Counts

Education Counts on edCentre (*Education Counts*) was developed to simplify access to quantitative education information for Ministry of Education clients. Consultation with users of education information identified the need for an online space for them to access statistical data, quantitative information, and research about the education sector.

Objectives

The objectives of *Education Counts* are:

- create an effective online “doorway” to statistical data, quantitative information, and research on education and education services in New Zealand
- ensure all information is presented in a clear and cogent way
- offer ways for clients to obtain additional information, including making specific information requests
- provide a clear pathway to the edCentre portal
- provide a clear pathway to www.minedu.govt.nz and other Ministry of Education, and Ministry supported, websites.

It is hoped that clear definitions of the data cube’s measures and dimensions will assist with using of the data.

Audiences

Members from all the Ministry of Education’s audiences visit *Education Counts*; however, the main focus is on visitors from any audience wanting statistical data, quantitative information, and research on education and education services in New Zealand. Audiences of particular high use are:

- researchers
- education providers
- Ministry of Education analysts
- government agencies
- governance bodies
- sector interest groups.

School Leavers Attainment 2004

Rationale

A formal school qualification is a measure of the extent to which young adults have completed a basic prerequisite for higher education and training and many entry-level jobs. An entrance qualification enables students to go directly into further tertiary study at degree level.

Educational qualifications are also linked to labour force status and incomes. For example, wage and salary earners with a Bachelor degree or higher currently earn 80% more per hour on average than those with no qualification (OECD 2004).

People with no qualifications have unemployment rates far exceeding those with qualifications. In New Zealand in 2004 (average over first three-quarters of the year), people having no qualifications had an unemployment rate over 60% higher than those whose highest qualification was a sixth form school qualification or above.

Data cubes

There are two school leavers data cubes; one data cube is at a 'school level', while the other is at a 'demographic level'.

The school level data cube is called "School Leavers Attainment by School 2004" and contains the following measure:

- Number of School Leavers.

The data cube also contains the following dimensions:

- School
- Highest Qualification
- School Gender
- School Region
- School Territorial Local Authority
- School Urban Classification.

The demographic level data cube is called "School Leavers Attainment by Ethnic Group and Gender 2004" and contains the following measure:

- Number of School Leavers.

The data cube also contains the following dimensions:

- Ethnic Group
- Gender
- Highest Qualification
- School Gender
- School Region
- School Territorial Local Authority
- School Urban Classification.

Frequency of updates

The numbers of school leavers are sourced from the March schools roll returns as at 1 March 2005.

Measures

Number of School Leavers

Name in data cube:	Students
Definition:	The number of school leavers for 2004.
Context:	NZAID students (foreign students sponsored by the New Zealand Agency for International Development – a branch of MFAT), and foreign fee paying students are excluded.
Source:	2005 March schools roll returns.

Dimensions

Ethnic Group

Name in data cube:	Ethnic_Group
Definition:	The prioritised ethnicity of each student.
Values:	Māori; Pasifika; Asian; Other; and NZ European.
Context:	Prioritised ethnicity is where each record is allocated to a single ethnic group using the priority system (Māori, Pasifika, Asian, Other and NZ European). If an enrolment has ethnicities of Pasifika and NZ European recorded, the single ethnicity assigned to the record based on the prioritisation process will be Pasifika. The aim of prioritisation is to ensure that where some need exists to assign people to a single ethnic group, ethnic groups of policy importance, or of small size, are not swamped by the NZ European ethnic group. Ethnicity is supplied by the student's parent or guardian.
Source:	2005 March schools roll returns.

Gender

Name in data cube:	Gender
Definition:	The gender of each school leaver.
Values:	Male; Female.
Context:	
Source:	2005 March schools roll returns.

School

Name in data cube:	School
Definition:	The school of each school leaver.
Values:	All schools with school leavers for 2004. See Appendix One for a full list of all schools with school leavers.
Context:	
Source:	2005 March schools roll returns.

Highest Qualification

Name in data cube: Highest Qualification
Definition: The highest qualification achieved by each school leaver.

Values:

1. NZ Scholarship or other NQF Qualification at Level 4 or higher
2. NCEA Level 3 or other Level 3 NQF Qualification
3. 42+ credits at Level 3 or above (with University Entrance requirements)
4. 30+ credits at Level 3 or above
5. NCEA Level 2 or other Level 2 NQF qualification
6. 30+ credits at Level 2 or above
7. NCEA Level 1 or other Level 1 NQF Qualification
8. 40+ credits at any level including literacy & numeracy for NCEA Level 1
9. 40+ credits at any level without literacy & numeracy for NCEA Level 1
10. 14 - 39 credits at any level including literacy & numeracy for NCEA Level 1
11. 14 - 39 credits at any level without literacy & numeracy for NCEA Level 1
12. 1 - 13 credits at level 1
13. No formal attainment.

Context:

Source: 2005 March schools roll returns.

School Gender

Name in data cube:	School_Gender
Definition:	The gender of the students that the school caters for.
Values:	Co-ed which equals co-education; Single Sex (Boys School); Single Sex (Girls School); Senior Co-ed, Junior Boys; and Primary Co-ed, Secondary Girls.
Context:	
Source:	Assigned to each school from information from the March 2005 schools roll returns.

School Region

Name in data cube: School_Region

Definition: The Regional Council area each school is located in.

Values: New Zealand is divided into 16 regions; and Not Applicable.

See Appendix Two for a full list of Regional Councils.

A value of 'Not Applicable' indicates that the school leaver was from the Correspondence School or the Westmount School campus (from 2004) which cannot sensibly be assigned a region.

Context:

Source: Assigned to each school from information from the March 2005 schools roll returns.

School Socio-Economic Decile

Name in data cube:	Decile
Definition:	The decile of the socio-economic mix of the school the student attended.
Values:	<p>Decile 01; Decile 02; Decile 03; Decile 04; Decile 05; Decile 06; Decile 07; Decile 08; Decile 09; Decile 10; and Not Applicable.</p> <p>A value of 'Not Applicable' indicates either:</p> <ul style="list-style-type: none">• the student was from the Correspondence School which cannot sensibly be assigned a decile, or• the student was from a school that has not provided data to allow the calculation of deciles (these are predominantly private schools).
Context:	<p>The extent to which the school draws its students from low socio-economic communities. Uses the new school decile methodology which excludes an adjustment for the percentage of Māori; Pasifika; and English for Speakers of Other Languages eligible refugee students on each school roll.</p> <p>Decile 01 schools are the 10% of schools with the highest proportion of students from low socio-economic communities, whereas Decile 10 schools are the 10% of schools with the lowest proportion of these students.</p> <p>Deciles have also been aggregated into Quintiles.</p>
Source:	The Ministry of Education calculates SES decile scores from 5 Census elements: Household income; Occupation; Household crowding; Educational qualifications; and Income support.

School Socio-Economic Quintile

Name in data cube:	Quintile
Definition:	The quintile of the socio-economic mix of the school the student attended.
Values:	Quintile 01; Quintile 02; Quintile 03; Quintile 04; Quintile 05; and Not Applicable. A value of 'Not Applicable' indicates either: <ul style="list-style-type: none">• the student was from the Correspondence School which cannot sensibly be assigned a quintile, or• the student was from a school that has not provided data to allow the calculation of quintiles (these are predominantly private schools).
Context:	The extent to which the school draws its students from low socio-economic communities. Uses the new school decile methodology which excludes an adjustment for the percentage of Māori; Pasifika; and English for Speakers of Other Languages eligible refugee students on each school roll. Quintile 01 schools are the 20% of schools with the highest proportion of students from low socio-economic communities (Decile 01 plus Decile 02), whereas Quintile 05 schools are the 20% of schools with the lowest proportion of these students (Decile 09 plus Decile 10). Quintiles have also been disaggregated into Deciles.
Source:	The Ministry of Education calculates SES decile scores for each school from 5 Census elements: Household income; Occupation; Household crowding; Educational qualifications; and Income support. These are aggregated to form quintile scores.

School Territorial Local Authority

Name in data cube:	School_TLA
Definition:	The Territorial Local Authority (TLA) each school is located in.
Values:	<p>New Zealand is divided into 74 TLAs (16 cities (population > 30,000) and 58 districts); and Not Applicable.</p> <p>See Appendix Three for a full list of TLAs.</p> <p>A value of 'Not Applicable' indicates that the school leaver was from the Correspondence School or the Westmount School campus (in 2004) which cannot sensibly be assigned a TLA.</p>
Context:	<p>A Statistics New Zealand geographic classification. Also known as territorial authorities.</p> <p>TLA boundaries are defined by aggregations of area units.</p>
Source:	Assigned to each school from information from the March 2005 schools roll returns.

School Urban Classification

Name in data cube:	Urban_Rural
Definition:	The urban classification of the area unit each school is located in.
Values:	Main Urban; Secondary Urban; Minor Urban; Rural; and Not Applicable. A value of 'Not Applicable' indicates that the school leaver was from the Correspondence School or the Westmount School campus (in 2004) which cannot sensibly be assigned an urban classification.
Context:	A Statistics New Zealand geographic classification. Urban areas and rural areas are statistically defined areas (using complete area units) with no administrative or legal basis. There is a three part hierarchical sub-division of urban areas into: <ul style="list-style-type: none">• main urban areas: very large urban areas with a minimum population of 30,000 and centred on a city or major urban centre• secondary urban areas: have a population between 10,000 and 29,999 and are centred on the larger regional centres• minor urban areas: centred around smaller towns with a population between 1,000 and 9,999. All remaining area units are considered rural.
Source:	The Ministry of Education has mapped each school, based on its address, to its appropriate urban classification.

Appendices

Appendix One: School Names

Appendix Two: Regional Councils

Appendix Three: Territorial Local Authorities

Appendix One: School Names

ACG New Zealand International College	Christchurch Adventist School
ACG Senior College	Christchurch Boys' High School
ACG Strathallan	Christchurch Girls' High School
Akaroa Area School	Christian Renewal School
Allenvale Special School & Res. Centre	Christ's College
Al-Madinah School	Church College Of New Zealand
Ambury Park Centre for Riding Therapy	Coastal Taranaki School
Amuri Area School	Collingwood Area School
Aorere College	Columba College
Aotea College	Coromandel Area School
Aparima College	Corran School
Aquinas College	Correspondence School
Arahunga School	Craighead Diocesan School
Aranui High School	Cromwell College
Arohanui Special School	Cullinane College
Ashburton College	Dannevirke High School
Athena Montessori College	Darfield High School
Auckland Girls' Grammar School	Dargaville High School
Auckland Grammar	De La Salle College
Auckland Seventh-Day Adventist H S	Dilworth School
Aurora College	Diocesan School For Girls
Avondale College	Dunstan High School
Avonside Girls' High School	East Otago High School
Awatapu College	Eden Campus
Baradene College	Edgecumbe College
Bay of Islands College	Edgewater College
Bayfield High School	Elim Christian College
Bethlehem College	Ellesmere College
Birkenhead College	Epsom Girls' Grammar School
Bishop Viard College	Fairfield College
Blomfield Special School & Resource Ctre	Fairhaven School (Napier)
Blue Mountain College	Feilding High School
Bream Bay College	Felix Donnelly College
Broadwood Area School	Ferndale School (Christchurch)
Buller High School	Fiordland College
Burnside High School	Flaxmere College
Cambridge High School	Forest View High School
Cambridge Middle School	Francis Douglas Memorial College
Campion College	Freyberg High School
Canterbury Christian College	Garin College
Carey College	Geraldine High School
Carmel College	Gisborne Boys' High School
Cashmere High School	Gisborne Girls' High School
Catholic Cathedral College	Glendowie College
Central Hawkes Bay College	Glenfield College
Central Southland College	Gloriavale Christian Community
Chanel College	Golden Bay High School
Cheviot Area School	Goldfields School
Children of Hope New Zealand	Gore High School
Chilton St James School	Green Bay High School

Appendix One: School Names (Continued)

Greymouth High School	Kamo High School
Hagley Community College	Kapi-Mana School
Halswell Residential College	Kapiti College
Hamilton Boys' High School	Karamea Area School
Hamilton Christian School	Karamu High School
Hamilton Girls' High School	Karanga Mai Young Parents College
Hamilton North School	Katikati College
Hamilton's Fraser High School	Kavanagh College
Hastings Boys' High School	Kawerau College
Hastings Girls' High School	Kawerau Teen Parent Unit
Hato Paora College	Kea Street Specialist School
Hato Petera College	Kelston Boys' High School
Hauraki Plains College	Kelston Deaf Education Centre
Havelock North High School	Kelston Girls' College
Hawera High School	Kerikeri High School
Hawke's Bay School for Teenage Parents	Kimi Ora School
He Huarahi Tamariki	Kings College
He Mataariki School for Teen Parents	Kings High School (Dunedin)
Hebron Christian College (Auckland)	Kingsway School
Henderson High School	Kokohuia School
Heretaunga College	Kowhai School
Hillcrest High School	Kristin School
Hillmorton High School	Kuranui College
Hohepa Home School (Napier)	Lake Taupo Christian School
Homai National School for the Blind	Lawrence Area School
Hornby High School	Lincoln High School
Horowhenua College	Lindisfarne College
Howick College	Linwood College
Hukarere	Liston College
Huntly College	Living Way Learning Centre
Hurunui College	Logan Park High School
Hutt International Boys' School	Long Bay College
Hutt Valley High School	Longburn Adventist College
Immanuel Christian School	Lynfield College
Independent Middle School	Lytton High School
Inglewood High School	Mackenzie College
Iona College	Macleans College
James Cook High School	Mahurangi College
James Hargest College	Mairehau High School
John McGlashan College	Makoura College
John Paul College	Makoura College Teen Parent Unit
John Paul II High School	Mana College
Kaiapoi High School	Manawatu College
Kaikohe Christian School	Mangakahia Area School
Kaikorai Valley College	Mangakino Area School
Kaikoura High School	Mangere College
Kaipara College	Maniototo Area School
Kaitaia Abundant Life School	Manurewa High School
Kaitaia College	Marcellin College
Kamo Christian College	Marian College

Appendix One: School Names (Continued)

Marist College	Otamatea Christian School
Marlborough Boys' College	Otamatea High School
Marlborough Girls' College	Otorohanga College
Massey High School	Otumoetai College
Matamata College	Oxford Area School
McAuley High School	Paeroa College
Melville High School	Pakuranga College
Menzies College	Palmerston North Boys' High School
Mercury Bay Area School	Palmerston North Girls' High School
Michael Park School	Papakura High School
Middleton Grange School	Papanui High School
Morrinsville College	Papatoetoe High School
Motueka High School	Paraparaumu College
Mount Hutt College	Parkside School
Mountainview High School	Patea Area School
Mt Albert Grammar School	Patricia Avenue School
Mt Aspiring College	Penrose High School
Mt Maunganui College	Pinehurst School
Mt Richmond School	Piopio College
Mt Roskill Grammar	Pompallier Catholic College
Murchison Area School	Ponatahi Christian School
Naenae College	Porirua College
Napier Boys' High School	Pukekohe High School
Napier Girls' High School	Putaruru College
Nayland College	Queen Charlotte College
Nelson College	Queen Elizabeth College
Nelson College For Girls	Queen Margaret College
New Plymouth Boys' High School	Queens High School
New Plymouth Girls' High School	Raglan Area School
Newlands College	Rai Valley Area School
Ngaruawahia High School	Rangi Ruru Girls' School
Ngata Memorial College	Rangiora High School
Northcote College	Rangiora New Life School
Northern Health School	Rangitahi College
Northern Southland College	Rangitikei College
Northland College	Rangitoto College
Oaklynn Special School	Raphael House Rudolf Steiner Area
Okaihau College	Rathkeale College
Onehunga High School	Reefton Area School
Onewhero Area School	Reikorangi College
Onslow College	Reporoa College
Opihi College	Riccarton High School
Opononi Area School	Rodney College
Opotiki College	Roncalli College
Opunake High School	Rongotai College
Orewa College	Rosehill College
Otago Boys' High School	Rosehill School
Otago Girls' High School	Rosmini College
Otahuhu College	Rotorua Boys' High School
Otaki College	Rotorua Girls' High School

Appendix One: School Names (Continued)

Rotorua Lakes High School	St Paul's College (Ponsonby)
Rotorua School for Young Parents	St Paul's Collegiate (Hamilton)
Roxburgh Area School	St Peter's College (Epsom)
Ruapehu College	St Peter's College (Gore)
Ruawai College	St Peter's College (Palmerston North)
Rudolf Steiner School (Chch)	St Peter's School (Cambridge)
Ruru Special School	St Thomas of Canterbury College
Rutherford College	Stratford High School
Sacred Heart College (Auckland)	Stratford High School Teen Parent
Sacred Heart College (Lower Hutt)	Taieri College
Sacred Heart College (Napier)	Taihape Area School
Sacred Heart Girls' College (Ham)	Taikura Rudolf Steiner School
Sacred Heart Girls' College (N Plymouth)	Taipa Area School
Samuel Marsden Collegiate School	Taita College
Sara Cohen School	Takapuna Grammar School
Scots College	Tamaki College
Selwyn College	Tamatea High School
Shiloh Christian Academy (Motueka)	Tangaroa College
Shirley Boys' High School	Tapawera Area School
Sir Edmund Hillary Collegiate Senior Sch	Taradale High School
Sir Keith Park School	Tararua College
Solway College	Tauhara College
South Otago High School	Taumarunui Christian Academy
South Westland Area School	Taumarunui High School
Southern Cross Campus	Taupo-nui-a-Tia College
Southland Boys' High School	Tauranga Boys' College
Southland Girls' High School	Tauranga Girls' College
Spotswood College	Tauraroa Area School
Springbank School	Tawa College
St Andrew's College (Christchurch)	Te Aroha College
St Bedes College	Te Aute College
St Bernard's College	Te Awamutu College
St Catherines College (Kilbirnie)	Te Kauwhata College
St Cuthbert's College (Epsom)	Te Kuiti High School
St Dominic's College	Te Kura Kaupapa Maori O Hoani
St Dominic's College (Henderson)	Te Kura Kaupapa Maori O Huiarau
St Hildas Collegiate	Te Kura Kaupapa Maori O Kaikohe
St John's College (Hastings)	Te Kura Kaupapa Maori O Mangere
St John's College (Hillcrest)	Te Kura Kaupapa Maori O Ruamata
St Joseph's Maori Girls' College	Te Kura Kaupapa Maori O Tamaki
St Kentigern College (Pakuranga)	Te Kura Kaupapa Maori O Te Rawhiti
St Kevins College (Oamaru)	Te Kura Kaupapa Maori O Te Rito
St Margaret's College	Te Kura Kaupapa Maori O Waitaha
St Mary's College (Ponsonby)	Te Kura Maori-a-Rohe o Waiohau
St Mary's College (Wellington)	Te Kura o Hirangi
St Mary's Diocesan School (Stratford)	Te Kura Taumata O Panguru
St Matthew's Collegiate (Masterton)	Te Puke High School
St Oran's College	Te Rangi Aniwaniwa
St Patrick's College (Kilbirnie)	Te Waha O Rerekohu Area School
St Patrick's College (Silverstream)	Te Whakatipuranga (Otumoetai TPU)

Appendix One: School Names (Continued)

Te Whanau-A-Apanui Area School	Waiopahu College
Te Whare Whai Hua Teenage Parent Centre	Wairarapa College
Te Wharekura O Arowhenua	Wairau Valley School
Te Wharekura o Manurewa	Wairoa College
Te Wharekura O Rakaumangamanga	Waitaha Learning Centre
Te Wharekura O Ruatoki	Waitakere College
Thames High School	Waitaki Boys' High School
The Bridge Academy	Waitaki Girls' High School
The Catlins Area School	Waitara High School
The Corelli School	Waiuku College
Tikipunga High School	Wakatipu High School
Timaru Boys' High School	Wanganui City College
Timaru Girls' High School	Wanganui Collegiate School
Titiro Whakamua	Wanganui Girls' College
TKKM O Ngati Kahungunu Ki Heretaunga	Wanganui High School
TKKM O Te Ara Hou	Waverley High School
TKKM O Te Whakatapuranga Rua Mano	Wellington College
Tokomairiro High School	Wellington Diocesan School For Girls
Tokoroa High School	Wellington East Girls' College
Tolaga Bay Area School	Wellington Girls' College
Tongariro School	Wellington High School & Com Ed
Totara College of Accelerated Learning	Wesley College
Trident High School	West City Christian College
Tuakau College	Westbridge Residential School
Tuatapere Community College	Western Heights High School
Turakina Maori Girls' College	Western Springs College
Twizel Area School	Westlake Boys' High School
Unlimited Paenga Tawhiti	Westlake Girls' High School
Upper Hutt College	Westland High School
Van Asch Deaf Education Centre	Westmount School
Verdon College	Whakatane High School
Villa Maria College	Whakatipuria Teen Parent Unit
Waiheke High School	Whangamata Area School
Waihi College	Whangarei Boys' High School
Waikato Diocesan School For Girls	Whangarei Girls' High School
Waikohu College	Whangaroa College
Waimate High School	William Colenso College
Waimea College	Woodford House
Wainuiomata Christian College	Zayed College for Girls
Wainuiomata High School	

Appendix Two: Regional Councils

Northland Region
Auckland Region
Waikato Region
Bay of Plenty Region
Gisborne Region
Hawke's Bay Region
Taranaki Region
Manawatu-Wanganui Region
Wellington Region
Tasman Region
Nelson Region
Marlborough Region
West Coast Region
Canterbury Region
Otago Region
Southland Region

Appendix Three: Territorial Local Authorities

Far North District
Whangarei District
Kaipara District
Rodney District
North Shore City
Waitakere City
Auckland City
Manukau City
Papakura District
Franklin District
Thames-Coromandel District
Hauraki District
Waikato District
Matamata-Piako District
Hamilton City
Waipa District
Otorohanga District
South Waikato District
Waitomo District
Taupo District
Western Bay of Plenty District
Tauranga City
Rotorua District
Whakatane District
Kawerau District
Opotiki District
Gisborne District
Wairoa District
Hastings District
Napier City
Central Hawke's Bay District
New Plymouth District
Stratford District
South Taranaki District
Ruapehu District
Wanganui District
Rangitikei District

Manawatu District
Palmerston North City
Tararua District
Horowhenua District
Kapiti Coast District
Porirua City
Upper Hutt City
Lower Hutt City
Wellington City
Masterton District
Carterton District
South Wairarapa District
Tasman District
Nelson City
Marlborough District
Kaikoura District
Buller District
Grey District
Westland District
Hurunui District
Waimakariri District
Christchurch City
Banks Peninsula District
Selwyn District
Ashburton District
Timaru District
Mackenzie District
Waimate District
Chatham Islands Territory
Waitaki District
Central Otago District
Queenstown-Lakes District
Dunedin City
Clutha District
Southland District
Gore District
Invercargill City