
School Leavers Data Cubes

USERS GUIDE

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

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Document Information

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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

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 by School" and contains the following measure:

- Number of School Leavers.

The data cube also contains the following dimensions:

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

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

- Number of School Leavers.

The data cube also contains the following dimensions:

- Calendar Year
- 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 and are as at 1 March in the year after the student left school.

Measures

Number of School Leavers

Name in data cube:	Students
Definition:	The number of school leavers for each year.
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:	March schools roll returns in the year after the student left school.

Dimensions

Calendar Year

Name in data cube:	Calendar Year
Definition:	The year the student left school.
Values:	1993; 1994; 1995; 1996; 1997; 1998; 1999; 2000; 2001; 2002; 2003; 2004.
Context:	
Source:	March schools roll returns in the year after the student left school.

Ethnic Group

Name in data cube:	Ethnic_Group
Definition:	The prioritised ethnicity of each student.
Values:	Māori; Pasifika; Asian; Other; and NZ European.
Context:	<p>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.</p>
Source:	March schools roll returns in the year after the student left school.

Gender

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

School

Name in data cube:	School
Definition:	The school of each school leaver.
Values:	All schools with school leavers for any of the years 1993 to 2004 inclusive. See Appendix One for a full list of all schools with school leavers.
Context:	
Source:	March schools roll returns in the year after the student left school.

Highest Qualification

Name in data cube:	Highest Qualification
Definition:	The highest qualification achieved by each school leaver.
Values:	<p>UE Entrance Standard; Little or No Formal Attainment; and Other.</p> <p>A UE Entrance Standard qualification is equivalent to the following attainment levels:</p> <ul style="list-style-type: none">• NZ Scholarship or other NQF Qualification at Level 4 or higher• A or B Bursary, NCEA Level 3 or other Level 3 NQF Qualification• 42+ credits at Level 3 or above (with University Entrance requirements), 42 or more credits Level 3 or ACE or overseas award at Year 13 level. <p>Little or No Formal Attainment is equivalent to the following attainment levels:</p> <ul style="list-style-type: none">• 1-13 credits at Level 1• No formal attainment. <p>Other qualifications correspond to all attainment levels between UE Entrance Standard and Little or No Formal Attainment.</p>
Context:	
Source:	March schools roll returns in the year after the student left school.

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 schools roll returns in the year after the student left school.

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 (in 2004) which cannot sensibly be assigned a region.

Context:

Source: Assigned to each school from information from the March schools roll returns in the year after the student left school.

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 schools roll returns in the year after the student left school.

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

Appendix One: School Names (Continued)

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

Appendix One: School Names (Continued)

Lynfield College	Nelson College For Girls
Lytton High School	New Plymouth Boys' High School
Mackenzie College	New Plymouth Girls' High School
Macleans College	Newlands College
Mahurangi College	Nga Kakano Christian Reo Rua Kura
Mairehau High School	Ngaruawahia High School
Maitai School	Ngata Memorial College
Makoura College	Northcote College
Makoura College Teen Parent Unit	Northern Health School
Mana College	Northern Southland College
Mana Tamariki	Northland College
Manawatu College	Oaklynn Special School
Mangakahia Area School	Odyssey House School (Auckland)
Mangakino Area School	Ohura Valley Primary
Mangakino High School	Okaihau College
Mangere College	Okato College
Maniototo Area School	Onehunga High School
Manukau Christian School	Onewhero Area School
Manurewa High School	Onslow College
Marcellin College	Opihi College
Marian College	Opononi Area School
Marist College	Opotiki College
Marlborough Boys' College	Opunake High School
Marlborough Girls' College	Orewa College
Marsden Christian School	Otago Boys' High School
Massey High School	Otago Girls' High School
Matamata College	Otahuhu College
McAuley High School	Otaki College
Melville High School	Otamatea Christian School
Menzies College	Otamatea High School
Mercury Bay Area School	Otorohanga College
Michael Park School	Otumoetai College
Middleton Grange School	Oxford Area School
Morrinsville College	Paeroa College
Motueka High School	Pakuranga College
Mount Hutt College	Palmerston North Boys' High School
Mountainview High School	Palmerston North Girls' High School
Mt Albert Grammar School	Papakura High School
Mt Anglem College	Papanui High School
Mt Aspiring College	Papatoetoe High School
Mt Maunganui College	Paraparaumu College
Mt Richmond School	Parkside School
Mt Roskill Grammar	Parkway College
Murchison Area School	Patea Area School
Naenae College	Patricia Avenue School
Napier Boys' High School	Penrose High School
Napier Girls' High School	Petone College
Nayland College	Pinehurst School
Nelson Christian Academy	Piopio College
Nelson College	Pleasant Point High School

Appendix One: School Names (Continued)

Pompallier Catholic College	Sacred Heart Girls' College (N
Ponatahi Christian School	Samuel Marsden Collegiate School
Porirua College	Sara Cohen School
Prospect College	Scots College
Pukekohe Christian School	Selwyn College
Pukekohe High School	Shiloh Christian Academy (Motueka)
Putaruru College	Shirley Boys' High School
Putaruru High School	Sir Edmund Hillary Collegiate Senior
Queen Charlotte College	Sir Keith Park School
Queen Elizabeth College	Solway College
Queen Margaret College	Sommerville School
Queen Victoria School	South Otago High School
Queens High School	South Westland Area School
Raglan Area School	Southern Cross Campus
Rai Valley Area School	Southland Boys' High School
Rangi Ruru Girls' School	Southland Girls' High School
Rangiora High School	Spotswood College
Rangiora New Life School	Springbank School
Rangitahi College	St Andrew's College (Christchurch)
Rangitikei College	St Bedes College
Rangitoto College	St Bernard's College
Raphael House Rudolf Steiner Area School	St Catherines College (Kilbirnie)
Rathkeale College	St Cuthbert's College (Epsom)
Reefton Area School	St Dominic's College
Reikorangi College	St Dominic's College (Henderson)
Reporoa College	St Hildas Collegiate
Riccarton High School	St John's College (Hastings)
Richmond View School	St John's College (Hillcrest)
Rodney College	St Joseph's Maori Girls' College
Roncalli College	St Kentigern College (Pakuranga)
Rongotai College	St Kevins College (Oamaru)
Rosehill College	St Margaret's College
Rosehill School	St Mary's College (Ponsonby)
Rosmini College	St Mary's College (Wellington)
Rotorua Bible Baptist Church School	St Mary's Diocesan School (Stratford)
Rotorua Boys' High School	St Matthew's Collegiate (Masterton)
Rotorua Girls' High School	St Oran's College
Rotorua Lakes High School	St Patrick's College (Kilbirnie)
Rotorua School for Young Parents	St Patrick's College (Silverstream)
Roxburgh Area School	St Paul's College (Ponsonby)
Ruapehu College	St Paul's Collegiate (Hamilton)
Ruawai College	St Peter's College (Epsom)
Rudolf Steiner School (Chch)	St Peter's College (Gore)
Ruru Special School	St Peter's College (Palmerston North)
Rutherford College	St Peter's School (Cambridge)
Sacred Heart College (Auckland)	St Stephen's School (Bombay)
Sacred Heart College (Lower Hutt)	St Thomas of Canterbury College
Sacred Heart College (Napier)	Stratford High School
Sacred Heart College (Wanganui)	Stratford High School Teen Parent
Sacred Heart Girls' College (Ham)	Sunnydene Special School

Appendix One: School Names (Continued)

Sunset Junior High School	Te Waha-O-Rerekohu Area School
Taieri College	Te Whakatipuranga (Otumoetai TPU)
Taihape Area School	Te Whanau-A-Apanui Area School
Taihape College	Te Whare Whai Hua Teenage Parent
Taikura Rudolf Steiner School	Te Wharekura O Arowhenua
Taipa Area School	Te Wharekura o Manurewa
Taita College	Te Wharekura O Rakaumangamanga
Takapuna Grammar School	Te Wharekura O Ruatoki
Takitimu Primary School	Thames High School
Tamaki College	The Bridge Academy
Tamatea High School	The Catlins Area School
Tangaroa College	The Corelli School
Tapawera Area School	The Taieri High School
Taradale High School	Tikipunga High School
Tararua College	Timaru Boys' High School
Tau Te Arohanoa Akoranga	Timaru Girls' High School
Tauhara College	Titiro Whakamua
Taumarunui Christian Academy	TKKM Ki Te Hurunga-Te-Rangi
Taumarunui High School	TKKM O Ngati Kahungunu Ki
Taupo-nui-a-Tia College	TKKM O Te Ara Hou
Tauranga Boys' College	TKKM O Te Waiu O Ngati Porou
Tauranga Girls' College	TKKM O Te Whakatupuranga Rua
Tauraroa Area School	TKKM O Waiuku
Tawa College	TKKM O Whakarewa I Te Reo Ki
Te Aroha College	Tokomairiro High School
Te Aute College	Tokoroa High School
Te Awamutu College	Tolaga Bay Area School
Te Kao School	Tongariro High School
Te Kauwhata College	Tongariro School
Te Kuiti High School	Totara College Of Accelerated
Te Kura Kaupapa Maori O Hoani Waititi	Trident High School
Te Kura Kaupapa Maori O Huiarau	Tuakau College
Te Kura Kaupapa Maori O Kaikohe	Tuatapere Community College
Te Kura Kaupapa Maori O Mangere	Turakina Maori Girls' College
Te Kura Kaupapa Maori O Ruamata	Twizel Area School
Te Kura Kaupapa Maori O Tamaki Nui A Rua	Tyndale Park Christian School
Te Kura Kaupapa Maori O Te Koutu	Unlimited Paenga Tawhiti
Te Kura Kaupapa Maori O Te Rawhiti Roa	Upper Hutt College
Te Kura Kaupapa Maori O Te Rito	Van Asch Deaf Education Centre
Te Kura Kaupapa Maori O Te Whanau Tahurangi	Verdon College
Te Kura Kaupapa Maori O Waitaha	Villa Maria College
Te Kura Kaupapa Maori O Whakawatea	Waiheke High School
Te Kura Kaupapa Motuhake O Tawhiuau	Waihi College
Te Kura Maori o Nga Tapuwae	Waikato Diocesan School For Girls
Te Kura Maori-a-Rohe o Waiohau	Waikohu College
Te Kura o Hirangi	Waimate High School
Te Kura Taumata O Panguru	Waimate North Christian School
Te Puke High School	Waimea College
Te Rangi Aniwanuiwa	Wainuiomata Christian College
Te Waha O Rerekohu Area School	Wainuiomata College

Appendix One: School Names (Continued)

Wainuiomata High School	Wellington High School & Com Ed
Waiopahu College	Wesley College
Wairarapa College	West City Christian College
Wairau Valley School	Westbridge Residential School
Wairoa College	Western Heights High School
Waitaha Learning Centre	Western Springs College
Waitakere College	Westlake Boys' High School
Waitaki Boys' High School	Westlake Girls' High School
Waitaki Girls' High School	Westland High School
Waitaki Valley School	Westminster Christian School
Waitara High School	Westmount School
Waiuku College	Whakatane High School
Wakatipu High School	Whakatipuria Teen Parent Unit
Wanganui City College	Whangamata Area School
Wanganui Collegiate School	Whangarei Boys' High School
Wanganui Girls' College	Whangarei Girls' High School
Wanganui High School	Whangaroa College
Waverley High School	William Colenso College
Wellington College	Wilson School
Wellington Diocesan School For Girls	Woodford House
Wellington East Girls' College	Zayed College for Girls
Wellington Girls' College	

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