



# IDI Data Dictionary: Tertiary education data

June 2015 edition



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# 1 Purpose of this data dictionary

*IDI Data Dictionary: Tertiary education data (June 2015 edition)* documents the contents of the tertiary education datasets the Ministry of Education (MoE) provides to Statistics NZ for use in the Integrated Data Infrastructure (IDI).

This dictionary gives information on the variables contained in the datasets from 1994 – including technical information and descriptions.

Use this data dictionary if you are interested in accessing tertiary education data in the IDI.



---

## 2 About tertiary education data

Each year the Ministry of Education (MoE) provides tertiary education data to Statistics NZ. This data relates to students enrolled in courses, programmes, and qualifications at schools, tertiary education providers, and workplace-based training (industry training and modern apprentices) institutions.

### Coverage

**Reference period start:** 1994

**Reference period end:** ongoing

**Geographic coverage:** from all tertiary education organisations (TEOs) (that receive government funding) in New Zealand. Some TEOs have branches in other countries.

**Target population:** all students enrolled in formal tertiary qualifications.

**Observed population:** all students enrolled or who have completed qualifications in formal/non-formal tertiary qualifications at government-funded TEOs.

**Analysis unit:** student enrolments or completions

### Methodology

**Type of data:** unit record data collection on tertiary enrolments and completions.

**Data collector:** MoE.

**Mode of data collection:** from the system called Single Data Return (SDR). This is a data collection required by MoE and the Tertiary Education Commission for funding, monitoring performance against investment plans, publishing performance information, and reporting and researching on statistics.

**Frequency of data collection:** annual.

### Quality information

**Editing:** data is routinely reviewed and editing is undertaken. Main examples are listed in the 'other quality issues' section below.

**Missing data:** all mandatory fields must not be blank. For details of missing data for individual variables, refer to the notes section for the relevant variable within this document.

**Other quality issues:**

- **CITIZEN** – until 2007 this field took a value 'NZP' to represent those holding New Zealand permanent resident status. For these records the country of origin was not known. In 2008, a new field called **RESIDENCY** was introduced to capture the residency status. Before 2008, the field **RESIDENCY** was derived from the **CITIZEN** field (the value 'NZP'). The **CITIZEN** field was set to missing when it took the value NZP. The country of origin is not known for these records.

- LOCATION\_CODE, STUDY\_TA and STUDY\_REGION – the fields STUDY\_TA and STUDY\_REGION give the territorial authority and region where student enrol for courses. These fields are populated from the LOCATION\_CODE field that is collected at the time of enrolment. These fields have missing values. Efforts have been made to improve the accuracy.
- NZSCEDC, NZSCEDQ – known issues/errors are revised.
- NZQF\_LEVELC, NZQF\_LEVELQ – known issues/errors are revised.
- FIRST\_YR – this field is revised.

## Privacy, security, or confidentiality issues

Privacy, security, and confidentiality issues are covered by the IDI Confidentiality Rules which can be found in the *Microdata Output Guide* (available on the [Data Lab](#) web page).

## Dataset history

No.	Date	Section reference	Summary and impact of change	Contact

In the table above, record any major breaks or changes to the datasets over time:

## 3 Data dictionary for course enrolments

### Dataset description

**Contents of dataset:** Each year, MoE collects information on course enrolments and completions n. All tertiary education organisations (TEOs) that receive government funding are required to provide all enrolments and completions details. The course enrolments data gives details of all courses associated with formal qualifications that students enrolled for with a TEO. This section describes all the fields provided with the course enrolments data.

Technical notes on Tertiary Student Enrolment and Completions course enrolments data supply:

- data is revised from 2003 to 2011 for enrolments data
- the missing value codes '9', '99', '999', '9999', etc.... are not valid anymore, but valid for the INSTIT & QACC fields
- a new field called 'PBRF\_VRF' is introduced in course enrolments data. This field is introduced from 2011 and mostly
- data has been added on short courses (for years 2003–13), you should use the qual\_type variable to determine which records relate to short courses.

**Type of file:** Tab delimited text

### Summary table

IDI name	Primary key	Mandatory	Format	Classification name	Source agency variable name
moe_crs_year_nbr	Y	Y	Int		year
snz_uid		Y	Int		
snz_moe_uid		Y	Int		
moe_crs_provider_code	Y	Y	Char	Instit	instit
moe_crs_qual_code	Y	Y	Char	Qual	qual
moe_crs_course_code	Y	Y	Char		course
moe_crs_start_date_text	Y	Y	Date		srt_date
moe_crs_end_date_text		N	Date		end_date
moe_crs_withdrawal_date_text		N	Date		wtd_date
moe_crs_qual_type_code		Y	Char	qual_type	qual_type
moe_crs_age_nbr		N	Int		age

IDI name	Primary key	Mandatory	Format	Classification name	Source agency variable name
moe_crs_assistance_code		N	Char	assist	assist
moe_crs_attendance_type_code		N	Char	attend	attend
moe_crs_category_code		N	Char	category	category
moe_crs_country_code		N	Char	citizen	citizen
moe_crs_course_class_code		N	Char	class	class
moe_crs_complete_code		N	Char	complete	complete
moe_crs_complete_applies_ind		N	Char	complete_applies	complete_applies
moe_crs_credit_value_nbr		N	Int		credit
moe_crs_last_school_decile_code		N	Char	decile	decile
moe_crs_disability_code		N	Char	disable	disable
moe_crs_disability_access_code		N	Char	dis_access	dis_access
moe_crs_birth_month_nbr		N	Int		dob
moe_crs_birth_year_nbr		N	Int		dob
moe_crs_efts_consumed_nbr		Y	Float		eftsconsumed
moe_crs_efts_course_factor_nbr		Y	Float		eftsfactor
moe_crs_efts_prog_nbr		Y	Float		eftsprg
moe_crs_efts_prog_years_nbr		Y	Float		eftsyr
moe_crs_ethnic1_code		N	Char	ethnic1-ethnic3	ethnic1
moe_crs_ethnic2_code		N	Char	ethnic1-ethnic3	ethnic2
moe_crs_ethnic3_code		N	Char	ethnic1-ethnic3	ethnic3
moe_crs_exempt_ind_nbr		N	Int	exempt_indicator	exempt_indicator
moe_crs_course_fee_amt		N	Float		fee



IDI name	Primary key	Mandatory	Format	Classification name	Source agency variable name
moe_crs_compulsory_course_costs_fee_amt		N	Float		fee_cccosts
moe_crs_foreign_fee_course_amt		N	Float		fee_foreignc
moe_crs_foreign_fee_student_amt		N	Float		fee_foreigns
moe_crs_max_exempt_fee_amt		N	Float		fee_max_exempt
moe_crs_completion_finish_ind		N	Char		finish
moe_crs_first_tertiary_year_nbr		N	Int		first_yr
moe_crs_funding_srce_code		Y	Char	funding	funding
moe_crs_sex_code		Y	Char	gender	gender
moe_crs_internet_nbr		N	Char	internet	internet
moe_crs_is_domestic_ind		Y	Char	is_domestic	is_domestic
moe_crs_isced_level_code		N	Char	isced_level	isced_level
moe_crs_iwi1_code		N	Char	iwi1-iwi3	iwi1
moe_crs_iwi2_code		N	Char	iwi1-iwi3	iwi2
moe_crs_iwi3_code		N	Char	iwi1-iwi3	iwi3
moe_crs_nature_code		Y	Char	l_nature	l_nature
moe_crs_lln_indicator_ind		N	Char	lln_indicator	lln_indicator
moe_crs_provider_location_code		N	Char	location_code	location_code
moe_crs_course_nzscdc_code		N	Char	nzscdc	nzscdc
moe_crs_qual_nzscdc_code		N	Char	nzscdcq	nzscdcq
moe_crs_pbrf_course_complete_year_nbr		N	Int		pbrf_crs_comp_yr
moe_crs_pbrf_eligibility_ind		N	Char	pbrf_eligible	pbrf_eligible
moe_crs_pbrf_vrf_nbr		N	Float		pbrf_vrf
moe_crs_postal_post_code		N	Char		post_code_perm

IDI name	Primary key	Mandatory	Format	Classification name	Source agency variable name
moe_crs_study_post_code		N	Char		post_code_term
moe_crs_prior_activity_code		N	Char	prior_a	prior_a
moe_crs_qacc_code		Y	Char	qacc	qacc
moe_crs_course_level_code		N	Char	NZQF_levelc	NZQF_levelc
moe_crs_qual_level_code		N	Char	NZQF_levelq	NZQF_levelq
moe_crs_residency_status_code		Y	Char	residency	residency
moe_crs_last_school_nbr		N	Char	s_school	s_school
moe_crs_highest_sec_qual_code		N	Char	sec_qual	sec_qual
moe_crs_study_region_code		N	Char	study_region	study_region
moe_crs_study_ta_code		N	Char	study_ta	study_ta
moe_crs_study_type_code		Y	Char	study_type	study_type
moe_crs_last_school_year_nbr		N	Int		y_school

## Detailed information

---

**Variable group:** course enrolments

---

**Variable name:** year

**Definition:** year of enrolment

**Format:** integer

**Name of classification:**

**Notes:** between 2000 and latest year.

---

**Variable name:** snz\_uid

**Definition:** a global unique identifier created by Statistics NZ. There is a snz\_uid for each distinct identity in the IDI. This identifier is changed and reassigned at each refresh.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** snz\_moe\_uid

**Definition:** a local unique identifier derived by Statistics NZ from the source agency's unique identifier(s). This identifier will remain the same for an identity across refreshes. Where we receive more information during a subsequent refresh indicating that two or more identities represent the same identity, the identifier may change.

The snz\_moe\_uid represents a distinct identity in all of MoE tables in IDI.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** instit

**Definition:** numeric code to identify Tertiary Education Organisations (TEOs).

**Format:** character

**Name of classification:**

**Notes:** missing value code 9999 is valid for this field.

---

**Variable name:** qual

**Definition:** qualification code to identify the qualifications offered by TEOs.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** course

**Definition:** course code to identify courses offered.

**Format:** character

**Name of classification:**

**Notes:** the courses that students enrolled are attached to the qualifications that they are enrolled in.

---

**Variable name:** srt\_date

**Definition:** start date of the course

**Format:** date

**Name of classification:**

**Notes:**

---

**Variable name:** end\_date

**Definition:** end date of the course

**Format:** date

**Name of classification:**

**Notes:**

---

**Variable name:** wtd\_date

**Definition:** course withdrawal date

**Format:** date

**Name of classification:**

**Notes:**

---

**Variable name:** qual\_type

**Definition:** derived qualification type

**Format:** character

**Name of classification:**

**Notes:** formal and non-formal qualifications are identified by this field.

This is the field you should use to pull short courses out of your population where necessary.

---

**Variable name:** age

**Definition:** derived from date of birth

**Format:** integer

**Name of classification:**

**Notes:** age is calculated as at 1 July each year.

---

**Variable name:** assist

**Definition:** category of fees assessment for international students.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** attend

**Definition:** type of attendance – intramural/extramural

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** category

**Definition:** funding category

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** citizen

**Definition:** country of citizenship

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** class

**Definition:** four-digit code assigned by the Ministry of Education to unique group courses into subject classifications.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** complete

**Definition:** status of completing the course

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** complete\_applies

**Definition:** identifies the providers who are required to submit a complete flag.

**Format:** character

**Name of classification:**

**Notes:** providers are NOT required to submit status of completion for some courses.

---

**Variable name:** credit

**Definition:** specifies the number of credits in a course or paper contributing to a qualification.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** decile

**Definition:** 2005 Targeted Funding fo Educational Achievement decile of the secondary school last attended.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** disable

**Definition:** identifies whether the student enrolled has a disability.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** dis\_access

**Definition:** identifies whether the student had access to disability services.

**Format:** character

**Name of classification:**

**Notes:** missing for years 2000–03. Field introduced in 2004.

---

**Variable name:** moe\_crs\_birth\_month\_nbr

**Definition:** birth month of the student.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** moe\_crs\_birth\_year\_nbr

**Definition:** birth year of the student.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** eftskonsumed

**Definition:** Equivalent Full Time Student (EFTS) consumed associated with each course that a student enrolled in the current year.

**Format:** float

**Name of classification:**

**Notes:**  $\geq 0$  and  $\leq 2$

---

**Variable name:** eftsfactor

**Definition:** EFTS factor (or load) associated with a course

**Format:** float

**Name of classification:**

**Notes:**  $> 0$  and  $\leq 2$

---

**Variable name:** eftsprg

**Definition:** adjusted (imputed) EFTS consumed for the courses enrolled by students for the current year

**Format:** float

**Name of classification:**

**Notes:** > 0 and <= 2

---

**Variable name:** eftsyr

**Definition:** total EFTS required for the qualification enrolled.

**Format:** float

**Name of classification:**

**Notes:** >=0 and <= 9. Some zero values exist.

---

**Variable name:** ethnic1

**Definition:** first ethnicity

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** ethnic2

**Definition:** second ethnicity

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** ethnic3

**Definition:** third ethnicity

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** exempt\_indicator

**Definition:** an indication against any course that has been granted an exemption including the 5 percent AFML (Annual Fee Movement Limit), post-graduate study or professional masters. Course exemption from FCCM (Fee/Course Costs Maxima).



**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** fee

**Definition:** course tuition fee

**Format:** float

**Name of classification:**

**Notes:** >= 0

---

**Variable name:** fee\_cccosts

**Definition:** compulsory course costs fee

**Format:** float

**Name of classification:**

**Notes:** >= 0, missing for 2000-2003. Field introduced in 2004.

---

**Variable name:** fee\_foreignc

**Definition:** tuition fee paid by foreign fee-paying student - courses

**Format:** float

**Name of classification:**

**Notes:** >= 0, missing for 2000-2003. Field introduced in 2004.

---

**Variable name:** fee\_foreigns

**Definition:** tuition fee paid by foreign fee-paying student - qualification

**Format:** float

**Name of classification:**

**Notes:** >= 0, missing for 2000-2003. Field introduced in 2004.

---

**Variable name:** fee\_max\_exempt

**Definition:** maxima exempt fees (inclusive of GST)

**Format:** float

**Name of classification:**

**Notes:** >= 0, missing for 2000-2003. Field introduced in 2004.

---

**Variable name:** finish

**Definition:** whether student expects to complete a qualification this year

**Format:** character

**Name of classification:**

**Notes:** Y (yes) or N (no)

---

**Variable name:** first\_yr

**Definition:** first year at tertiary institution

**Format:** integer

**Name of classification:**

**Notes:** between 1930 and year

---

**Variable name:** funding

**Definition:** source of funding

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** gender

**Definition:** gender

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** Internet

**Definition:** used to indicate whether teaching and learning in each course is currently available in part or as a whole on the Internet.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** is\_domestic

**Definition:** classifies the students by international or domestic students

**Format:** character

**Name of classification:**

**Notes:** a derived field using country of citizenship, attendance, and residency statuses. Australian citizens are treated as domestic students.

---

**Variable name:** isced\_level

**Definition:** ISCED level

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** iwi1

**Definition:** first IWI affiliation

**Format:** character

**Name of classification:**

**Notes:** in the refresh dated 201410\_\_ there is an invalid code of 2111 for the Iwi variables. This should be treated as Unknown (or 9999)

---

**Variable name:** iwi2

**Definition:** second IWI affiliation

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** iwi3

**Definition:** third IWI affiliation

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** l\_nature

**Definition:** full or part-time nature of students at each TEO

**Format:** character

**Name of classification:**

**Notes:** this is different from STUDY\_TYPE field and gives the status of students based on TEOs. The status of students may differ for each TEO they are enrolled in.

---

**Variable name:** lln\_indicator

**Definition:** this field will hold a yes/no flag to indicate if the course includes embedded literacy and/or numeracy component.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** location\_code

**Definition:** geographical location of campuses attended by students

**Format:** character

**Name of classification:**

**Notes:** in the refresh dated 201410\_\_ there are a number of invalid location codes, all of which should be treated as 'unknown'. These are; FI, RO, BE, OP, AS, BI, FE, TI, ED, KA, SC, KW.

---

**Variable name:** nzscedc

**Definition:** field of study classification (National Standard Classification of Education) associated with the course.

**Format:** character

**Name of classification:**

**Notes:** for details refer to the following link.

[New Zealand Standard Classification of Education \(NZSCED\)](#)

---

**Variable name:** nzscedq

**Definition:** field of study classification (National Standard Classification of Education) associated with the qualification.

**Format:** character

**Name of classification:**

**Notes:** for details refer to the following link.

[New Zealand Standard Classification of Education \(NZSCED\)](#)

---

**Variable name:** pbrf\_crs\_comp\_yr

**Definition:** officially notified year the research component of the course (Performance-Based Research Fund (PBRF) funded) is completed.

**Format:** integer

**Name of classification:**

**Notes:** missing for 2000–06, min = year, max = year+3. Introduced in 2007 for the research courses that are funded.

---

**Variable name:** pbrf\_eligible

**Definition:** PBRF eligible course indicator – to indicate courses eligible for PBRF.

**Format:** character

**Name of classification:**

**Notes:** missing for years 2000–03. Field introduced in 2004.

---

**Variable name:** pbrf\_vrf

**Definition:** volume of research factor (VRF) for pbrf eligible courses.

**Format:** float

**Name of classification:**

**Notes:** field introduced in 2011.

---

**Variable name:** post\_code\_perm

**Definition:** permanent post code of the students

**Format:** character

**Name of classification:**

**Notes:** missing for years 2000–07. Field introduced in 2008.

---

**Variable name:** post\_code\_term

**Definition:** post code of the students during the term

**Format:** character

**Name of classification:**

**Notes:** missing for years 2000–07. Field introduced in 2008.

---

**Variable name:** prior\_a

**Definition:** main activity at 1 October in year before formal enrolment

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** qacc

**Definition:** qualification award category & Level of study

**Format:** character

**Name of classification:**

**Notes:** missing value code 99 is valid for this field.

---

**Variable name:** NZQF\_levelc

**Definition:** level of national qualification associated with the course

**Format:** character

**Name of classification:** NZQF\_levelc

**Notes:**

---

**Variable name:** NZQF\_levelq

**Definition:** level of national qualification associated with the qualification

**Format:** character

**Name of classification:**

**Notes:** when looking at level of study it is advisable to use the QACC code rather than the NZQF\_LEVELQ field. However, NZQF\_LEVELQ can be used to identify individual low level certificates (certificates 1, certificates 2, and certificates 3) which cannot be identified separately using the QACC field.

---

**Variable name:** residency

**Definition:** residency status of students

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** s\_school

**Definition:** last secondary school attended before enrolment.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** sec\_qual

**Definition:** highest secondary school qualifications before enrolment.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** study\_region

**Definition:** region where courses are offered

**Format:** character

**Name of classification:**

**Notes:** populated from 2003

---

**Variable name:** study\_ta

**Definition:** territorial local authority where courses are offered

**Format:** character

**Name of classification:**

**Notes:** populated from 2003

---

**Variable name:** study\_type

**Definition:** derived study type of students

**Format:** character

**Name of classification:**

**Notes:** an attribute of a student derived from all enrolments and differs from L\_NATURE field that depends on TEOs.

---

**Variable name:** y\_school

**Definition:** last year at secondary school

**Format:** integer

**Name of classification:**

**Notes:**

---



## 4 Data dictionary for qualification enrolments

### Dataset description

Contents of dataset:

Each year, MoE provides Statistics NZ with information on qualification enrolments by students. The information on qualifications is derived from course enrolments and gives all characteristics of each qualification that students were enrolled in. The dataset also includes other characteristics of students.

This section describes all the details in the qualification enrolments data.

Technical notes on TSEC qualification enrolments and completions data supply – 2011.

1. Data is revised from 2003 to latest year for enrolments data.
2. Data is revised from 2003 to latest year for completions data.
3. The missing value codes '9', '99', '999', '9999', etc are no longer valid, but valid for the INSTIT & QACC fields.

Type of file: tab delimited text

IDI name	Primary key	Mandatory	Format	Classification name	Source agency variable name
moe_enr_year_nbr	Y	Y	Int		year
snz_uid		Y	Int		
snz_moe_uid		Y	Int		
moe_enr_provider_code	Y	Y	Char	instit	instit
moe_enr_qual_code	Y	Y	Char	qual	qual
moe_enr_attendance_type_code		N	Char	attend	attend
moe_enr_country_code		N	Char	citizen	citizen
moe_enr_last_school_decile_code		N	Char	decile	decile
moe_enr_disability_code		N	Char	disable	disable
moe_enr_disability_access_code		N	Char	dis_access	dis_access
moe_enr_birth_month_nbr		N	Int		dob

moe_enr_birth_year_nbr		N	Int		dob
moe_enr_efts_consumed_nbr		Y	Float		eftsconsumed
moe_enr_efts_course_factor_nbr		Y	Float		eftsfactor
moe_enr_efts_prog_nbr		Y	Float		eftsprg
moe_enr_efts_prog_years_nbr		Y	Float		eftsyr
moe_enr_ethnic1_code		N	Char	ethnic1-ethnic3	ethnic1
moe_enr_ethnic2_code		N	Char	ethnic1-ethnic3	ethnic2
moe_enr_ethnic3_code		N	Char	ethnic1-ethnic3	ethnic3
moe_enr_completion_finish_ind		N	Char	finish	finish
moe_enr_prog_start_date_text		Y	Date		first_d
moe_enr_first_tertiary_year_nbr		N	Int		first_yr
moe_enr_funding_src_code		Y	Char	funding	funding
moe_enr_sex_code		Y	Char	gender	gender
moe_enr_is_domestic_ind		Y	Char	is_domestic	is_domestic
moe_enr_isced_level_code		N	Char	isced_level	isced_level
moe_enr_iwi1_code		N	Char	iwi1-iwi3	iwi1
moe_enr_iwi2_code		N	Char	iwi1-iwi3	iwi2
moe_enr_iwi3_code		N	Char	iwi1-iwi3	iwi3
moe_enr_nature_code		Y	Char	l_nature	l_nature
moe_enr_prog_end_date_text		Y	Date		last_d

moe_enr_qual_level_code		N	Char	NZQF_levelq	NZQF_levelq
moe_enr_prog_nzsced_code		N	Char	nzscedq	nzscedq
moe_enr_prior_activity_code		N	Char	prior a	prior_a
moe_enr_qacc_code		Y	Char	qacc	qacc
moe_enr_residency_status_code		Y	Char	residency	residency
moe_enr_last_school_region_code		N	Char	s_region	s_region
moe_enr_last_school_nbr		N	Char	s_school	s_school
moe_enr_highest_sec_qual_code		N	Char	sec_qual	sec_qual
moe_enr_study_region_code		N	Char	study_region	study_region
moe_enr_study_ta_code		N	Char	study_ta	study_ta
moe_enr_study_type_code		Y	Char	study_type	study_type
moe_enr_subsector_code		Y	Char	subsector	subsector
moe_enr_last_school_year_nbr		N	Int		y_school

## Detailed information

---

### Variable group: qualification enrolments

---

**Variable name:** year

**Definition:** year

**Format:** integer

**Name of classification:**

**Notes:** between 1994 to latest year

---

**Variable name:** snz\_uid

**Definition:** a global unique identifier created by Statistics NZ. There is a snz\_uid for each distinct identity in the IDI. This identifier is changed and reassigned each refresh.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** snz\_moe\_uid

**Definition:** a local unique identifier derived by Statistics NZ from the source agency's unique identifier(s). This identifier will remain the same for an identity across refreshes. Where we receive more information during a subsequent refresh that indicates that two or more identities represent the same identity, the identifier may change.

The snz\_moe\_uid represents a distinct identity in all of MoE tables in IDI.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** instit

**Definition:** numeric code to identify tertiary education organisations (TEOs)

**Format:** character

**Name of classification:**

**Notes:** 9999 is a valid code

---

**Variable name:** qual

**Definition:** qualification code to identify qualifications offered by TEOs

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** attend

**Definition:** type of attendance – intramural/extramural

**Format:** character

**Name of classification:**

**Notes:** the attendance status with the highest EFTS (associated with courses) determines the attendance status for the qualification.

---

**Variable name:** citizen

**Definition:** country of citizenship

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** decile

**Definition:** 2005 TFEA decile of the secondary school last attended

**Format:** character

**Name of classification:**

**Notes:** leading zeros added to previously numeric fields

---

**Variable name:** disable

**Definition:** identifies whether the student enrolled has any disability.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** dis\_access

**Definition:** identifies whether the student had access to disability services.

**Format:** character

**Name of classification:**

**Notes:** missing for years 1994–2003. Field introduced in 2004.

---

**Variable name:** moe\_enr\_birth\_month\_nbr

**Definition:** birth month of the student.

**Format:** date

**Name of classification:**

**Notes:**

---

**Variable name:** moe\_enr\_birth\_year\_nbr

**Definition:** birth year of the student.

**Format:** date

**Name of classification:**

**Notes:**

---

**Variable name:** eftskonsumed

**Definition:** total EFTS consumed reported for qualifications during the current year. This gives the total EFTS consumed of courses attached to each qualification

**Format:** float

**Name of classification:**

**Notes:**  $\geq 0$  and  $\leq 2$ . New field introduced from 2009

---

**Variable name:** eftsfactor

**Definition:** total EFTS factor of all unique courses associated with each qualification.

**Format:** float

**Name of classification:**

**Notes:**  $> 0$  and  $\leq 2$

---

**Variable name:** eftsprg

**Definition:** total of adjusted (imputed) EFTS consumed of courses associated with each qualification for this year only.

**Format:** float

**Name of classification:**

**Notes:**  $> 0$  and  $\leq 2$

---

**Variable name:** eftsyr

**Definition:** total EFTS value required for this qualification

**Format:** float

**Name of classification:**

**Notes:**  $\geq 0$  and  $\leq 9$ .

---

**Variable name:** ethnic1

**Definition:** first ethnicity

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** ethnic2

**Definition:** second ethnicity

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** ethnic3

**Definition:** third ethnicity

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** finish

**Definition:** whether student expects to complete a qualification this year

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** first\_d

**Definition:** programme start – this year

**Format:** date

**Name of classification:**

**Notes:**

---

**Variable name:** first\_yr

**Definition:** first year at tertiary institution

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** funding

**Definition:** source of funding

**Format:** character

**Name of classification:**

**Notes:** funding source with the highest EFTS (associated with courses) determines the funding source for the qualification.

---

**Variable name:** gender

**Definition:** gender

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** is\_domestic

**Definition:** classifies the students by international or domestic students

**Format:** character

**Name of classification:**

**Notes:** a derived field using country of citizenship, attendance, and residency status. Australian citizens are treated as domestic students.

---

**Variable name:** isced\_level

**Definition:** ISCED level

**Format:** character

**Name of classification:**



**Notes:**

---

**Variable name:** iwi1

**Definition:** first IWI affiliation

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** iwi2

**Definition:** second IWI affiliation

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** iwi3

**Definition:** third IWI affiliation

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** l\_nature

**Definition:** full- or part-time nature of students at each TEO

**Format:** character

**Name of classification:**

**Notes:** this is different from STUDY\_TYPE field and gives the status of students based on TEO. The status of students may differ for each TEO they are enrolled in.

---

**Variable name:** last\_d

**Definition:** programme end – this year

**Format:** date

**Name of classification:**

**Notes:** between year and year+2

---

**Variable name:** NZQF\_levelq

**Definition:** level of national qualification associated with the qualification

**Format:** character

**Name of classification:**

**Notes:** when looking at level of study it is advisable to use the QACC code rather than the NZQF\_LEVELQ field. However, NZQF\_LEVELQ can be used to identify individual low level certificates (certificates 1, certificates 2, and certificates 3) which cannot be identified separately using the QACC field.

---

**Variable name:** nzscdq

**Definition:** field of study classification (National Standard Classification of Education) associated with the qualification

**Format:** character

**Name of classification:**

**Notes:** for details refer to this link.

[New Zealand Standard Classification of Education \(NZSCED\)](#)

---

**Variable name:** prior\_a

**Definition:** main activity at 1 October in year before formal enrolment

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** qacc

**Definition:** qualification award category and level of study

**Format:** character

**Name of classification:**

**Notes:** missing value code 99 is valid for this field.

---

**Variable name:** residency

**Definition:** residency status of students

**Format:** character

**Name of classification:**

**Notes:** new field introduced from 2009

---

**Variable name:** s\_region

**Definition:** regional council of last school attended

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** s\_school

**Definition:** last secondary school attended

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** sec\_qual

**Definition:** highest secondary school qualifications before enrolment

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** study\_region

**Definition:** regional council where student studied (where programmes are offered by the TEO).

**Format:** character

**Name of classification:**

**Notes:**

- study region of the qualification for a specific student is determined by the region where most courses are offered (with highest EFTS).
  - populated from 2003.
- 

**Variable name:** study\_ta

**Definition:** territorial authority where student studied (where TEO offers programmes)

**Format:** character

**Name of classification:**

**Notes:**

- similar to study region, the territorial authority of the qualifications (programmes) is determined by the territorial authority where most courses are offered (with the highest EFTS).
  - populated from 2003.
- 

**Variable name:** study\_type

**Definition:** study type of students

**Format:** character

**Name of classification:**

**Notes:** this is an attribute of a student derived from all enrolments and differs from the L\_NATURE field that depends on TEOs.

---

**Variable name:** subsector

**Definition:** classifies the TEOs in subsector groups.

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** y\_school

**Definition:** last year at secondary school

**Format:** integer

**Name of classification:**

**Notes:**

---

## 5 Data dictionary for qualification completions

### Dataset description

Contents of dataset:

Each year MoE collects information on qualification completions. All tertiary education organisations (TEOs) that receive government funding are required to provide this. The data gives details of all formal qualifications completed by each student enrolled at a TEO. This section describes all the characteristics provided with the data.

Type of file: tab delimited text

IDI name	Primary key	Mandatory	Format	Classification name	Source agency variable name
moe_com_year_nbr	Y	Y	Int		year
snz_uid		Y	Int		
snz_moe_uid		Y	Int		
moe_com_provider_code	Y	Y	Char	instit	instit
moe_com_qual_code	Y	Y	Char	qual	qual
moe_com_subject1_code		N	Char	main_1	main_1
moe_com_subject2_code		N	Char	main_2	main_2
moe_com_subject3_code		N	Char	main_3	main_3
moe_com_field_main1_code		N	Char	mf1	mf1
moe_com_field_main2_code		N	Char	mf2	mf2
moe_com_field_main3_code		N	Char	mf3	mf3
moe_com_field_main4_code		N	Char	mf4	mf4
moe_com_field_main5_code		N	Char	mf5	mf5
moe_com_qual_level_code		N	Char	NZQF_levelq	NZQF_levelq
moe_com_qual_nzsced_code		N	Char	nzscedq	nzscedq
moe_com_qacc_code		Y	Char	qacc	qacc

## Detailed information

---

### Variable group: qualification completions

---

**Variable name:** year

**Definition:** year of completion

**Format:** integer

**Name of classification:**

**Notes:** between 1994 and latest year

---

**Variable name:** snz\_uid

**Definition:** a global unique identifier created by Statistics NZ. There is a snz\_uid for each distinct identity in the IDI. This identifier is changed and reassigned each refresh.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** snz\_moe\_uid

**Definition:** a local unique identifier derived by Statistics NZ from the source agency's unique identifier(s). This identifier will remain the same for an identity across refreshes. Where we receive more information during a subsequent refresh indicating that two or more identities represent the same identity, the identifier may change.

The snz\_moe\_uid represents a distinct identity in all of MoE tables in IDI.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** instit

**Definition:** numeric code to identify tertiary education organisations (TEOs)

**Format:** character

**Name of classification:** instit

**Notes:** 9999 is a valid code

---

**Variable name:** qual

**Definition:** qualification code to identify qualifications offered by TEOs

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** main\_1

**Definition:** first main subject code studied by a student

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** main\_2

**Definition:** second main subject code studied by a student

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** main\_3

**Definition:** third main subject code studied by a student

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** mf1

**Definition:** first main field code

**Format:** character

**Name of classification:**

**Notes:** this gives the NZSCED code of the qualification completed.

---

**Variable name:** mf2

**Definition:** second main field code

**Format:** character

**Name of classification:**

**Notes:** gives the NZSCED code of the qualification completed.

---

**Variable name:** mf3

**Definition:** third main field code

**Format:** character

**Name of classification:**

**Notes:** gives the NZSCED code of the qualification completed.

---

**Variable name:** mf4

**Definition:** fourth main field code

**Format:** character

**Name of classification:**

**Notes:** gives the NZSCED code of the qualification completed.

---

**Variable name:** mf5

**Definition:** fifth main field code

**Format:** character

**Name of classification:**

**Notes:** gives the NZSCED code of the qualification completed.

---

**Variable name:** NZQF\_levelq

**Definition:** level of national qualification associated with the qualification completed

**Format:** character

**Name of classification:**

**Notes:** when looking at level of study it is advisable to use the QACC code rather than the NZQF\_LEVELQ field. However, NZQF\_LEVELQ can be used to identify individual low level certificates (certificates 1, certificates 2, and certificates 3) which cannot be identified separately using the QACC field.

---

**Variable name:** nzscedq



**Definition:** field of study classification (New Zealand Standard Classification of Education) for the qualification completed

**Format:** character

**Name of classification:**

**Notes:** for details refer to this following link.

[New Zealand Standard Classification of Education \(NZSCED\)](#)

---

**Variable name:** qacc

**Definition:** qualification award category and level of study

**Format:** character

**Name of classification:**

**Notes:**

---

## 6 Data dictionary for the national student index

### Dataset description

Contents of dataset:

The national student index (NSI) is a database system maintained by the Ministry of Education (Ministry). This system is used to allocate a unique identifier – a national student number (NSN) – to every tertiary student and National Certificate of Educational Achievement (NCEA) candidate. Since 2008, ENROL (a system that records student enrolments in schools) authorisers are also creating NSNs for all students entering a New Zealand school for the first time.

The NSN is used by organisations in their reporting MoE, the New Zealand Qualifications Authority (NZQA), Tertiary Education Commission (TEC), and ENROL. Every student represented on the NSI has a unique identifier, an NSN. Once a student has an assigned NSN they retain this number even if they study at different institutions over different years.

An NSN is assigned to an individual who:

- enrolls or seeks to enrol at a tertiary education organisation
- registers for the National Certificate of Educational Achievement
- registers for a record of learning to accumulate credits on the National Qualifications Framework
- enters a New Zealand school for the first time.

Type of file: tab delimited text

Notes

IDI name	Primary key	Mandatory	Format	Classification name	Source agency variable name
snz_uid	Y	Y	Int		
snz_moe_uid		Y	Int		
moe_nsi_sex_code		Y	Char	gender	gender
moe_nsi_birth_month_nbr			Int		
moe_nsi_birth_year_nbr		Y	Int		dob
moe_nsi_verified_code		Y	Char	name_dob_verification	name_dob_verification

## Detailed information

---

### Variable group: NSI

---

**Variable name:** snz\_uid

**Definition:** a global unique identifier created by Statistics NZ. There is a snz\_uid for each distinct identity in the IDI. This identifier is changed and reassigned each refresh.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** snz\_moe\_uid

**Definition:** a local unique identifier derived by Statistics NZ from the source agency's unique identifier(s). This identifier will remain the same for an identity across refreshes. Where we receive more information during a subsequent refresh indicating that two or more identities represent the same identity, the identifier may change.

The snz\_moe\_uid represents a distinct identity in all of MoE tables in IDI.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** gender

**Definition:** gender

**Format:** character

**Name of classification:**

**Notes:**

---

**Variable name:** moe\_nsi\_birth\_month\_nbr

**Definition:** birth month of the student.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** moe\_nsi\_birth\_year\_nbr

**Definition:** birth year of the student.

**Format:** integer

**Name of classification:**

**Notes:**

---

**Variable name:** name\_dob\_verification

**Definition:** verification of name and date of birth

**Format:** character

**Name of classification:**

**Notes:**

---



---

## 7 Glossary

Term	Definition
IDI	Integrated Data Infrastructure
MOE	Ministry of Education
NSI	national student index
NSN	national student number
SDR	single data return
TEC	Tertiary Education Commission
TEO	Tertiary Education Organisation
TSEC	Tertiary Student Enrolments and Completions