



IDI Data Dictionary: B4 School Check data

February 2017 edition



Crown copyright ©

This work is licensed under the [Creative Commons Attribution 4.0 International](https://creativecommons.org/licenses/by/4.0/) licence. You are free to copy, distribute, and adapt the work, as long as you attribute the work to Statistics NZ and abide by the other licence terms. Please note you may not use any departmental or governmental emblem, logo, or coat of arms in any way that infringes any provision of the [Flags, Emblems, and Names Protection Act 1981](https://www.legislation.govt.nz/act/public/1981/0049/01.01.01/). Use the wording 'Statistics New Zealand' in your attribution, not the Statistics NZ logo.

Liability

While all care and diligence has been used in processing, analysing, and extracting data and information in this publication, Statistics New Zealand gives no warranty it is error free and will not be liable for any loss or damage suffered by the use directly, or indirectly, of the information in this publication.

Citation

Statistics New Zealand (2017). *IDI Data Dictionary: B4 School Check data (February 2017 edition)*. Available from www.stats.govt.nz.

ISSN 2537-754X (online)

Published in February 2017 by

Statistics New Zealand
Tatauranga Aotearoa
Wellington, New Zealand

Contact

Statistics New Zealand Information Centre: info@stats.govt.nz
Phone toll-free 0508 525 525
Phone international +64 4 931 4600
www.stats.govt.nz



Contents

- 1 Purpose of this data dictionary.....4**
 - Background.....4
- 2 About the B4 School Check data.....5**
 - Coverage5
 - Methodology5
 - Quality information.....5
 - Privacy, security, or confidentiality issues.....5
 - Dataset history.....6
- 3 Data dictionary for B4 School Check data.....7**
 - Dataset description7
 - Detailed information.....9



1 Purpose of this data dictionary

IDI Data Dictionary: B4 School Check data (February 2017 edition) documents the content of this dataset that the Ministry of Health (MOH) provides to Statistics New Zealand to use in the Integrated Data Infrastructure (IDI).

This dictionary gives information on the variables contained in the dataset from 2011 – including technical information and descriptions.

Use this data dictionary if you are interested in understanding and accessing the B4 School Check dataset in the IDI for your research.

Background

The MOH seeks to improve, promote, and protect the health of New Zealanders. It does this through its sector leadership of New Zealand's health and disability system by:

- advising the Minister of Health, and government as a whole, on health issues
- directly purchasing a range of important national health and disability support services
- providing health sector information and payment services for the benefit of all New Zealanders.

The objectives of the MOH's data and metadata are to:

- measure and describe the information available within the National Collections
- promote uniformity, availability, and consistency across the National Collections
- support the use of nationally agreed protocols and standards wherever possible
- promote national standard definitions and make them available to users.



2 About the B4 School Check data

Coverage

Reference period start: 2011

Reference period end: 2016

Geographic coverage: New Zealand

Target population: 4-year-olds, prior to them starting school in New Zealand

Observed population: Coverage increased to 91 percent of 4-year-olds nationally in 2013/14.

Analysis unit: Child who receives a B4 School Check.

Methodology

Type of data: Administrative data capture

Data collector: Collected by Ministry of Health, from District Health Boards (DHBs), but the person entering the data differs by DHB – for instance, nurses at GP offices, specialists (eg hearing and vision specialists do some of the checks), and Plunket nurses.

Mode of data collection: Data-capture differs by DHB, but in general either data is entered straight on to a web form, or collected on paper and then entered by an administrative clerk on to the web form.

Frequency of data collection: Data is captured by the web form, the Health data mart (where they store their data) is updated daily at around midnight. Data which is captured on paper first is somewhat delayed in being input in to the system.

Quality information

Missing data: The dataset includes checks that have not yet being completed, are still in progress, or have been partly completed and abandoned. Use `check_status` to differentiate between these.

Privacy, security, or confidentiality issues

Privacy, security, and confidentiality issues are covered in chapters 2 and 5 of [Microdata output guide](#).

The B4 School Check table that is accessible to researchers does not contain any name or address information to identify an individual. All researchers who have access to the B4 School Check data have had their research proposals assessed using Statistics NZ's microdata access protocols. Only approved researchers who have been granted access by Statistics NZ and the Ministry of Health may view the population cohort name and demographics data.

[Read Statistics NZ's microdata access protocols.](#)

All outputs produced from population cohort name and demographics data must be aggregated and counts suppressed if the underlying unrounded count is fewer than six.

Dataset history

No.	Date	Section Reference	Summary and Impact of change	Contact
1	2013/2014		90 percent coverage reached for first time.	
2	2011/2012		80 percent coverage reached for first time. Before this coverage is much lower.	

3 Data dictionary for B4 School Check data

Dataset description

Contents of dataset

The purpose of the B4 School Check is to promote health and well-being in four-year-olds, and to identify and address any health, behavioural, social, or developmental concerns that could affect a child's ability to get the most benefit from school, such as a hearing problem or communication difficulty. The B4 School Check is the 13th wellness check for children enrolled in the [Well Child Tamariki Ora programme](#).

This dataset shows the results of the B4 School Check for each individual who undergoes the checks. It also includes basic information about individuals whose parents have declined for them to undergo the checks.

For information about how these checks are carried out, and more information about what the results of these checks mean, please see section 5 of the [Well Child/Tamariki Ora Programme Practitioner Handbook 2013, Revised 2014](#), on the Ministry of Health website.

IDI variable name	Primary key	Mandatory	Format	Classification name	Source agency variable name
snz_uid	Y	Y	Char, 7		
snz_moh_uid			Varchar, 100		
moh_bsc_birth_month_nbr			Varchar, 100		Date of birth
moh_bsc_birth_year_nbr			ddmmyyyy		Date of birth
moh_bsc_sex_code			Varchar, 7		Sex
moh_bsc_check_status_text		Y	Varchar, 27	check_status	check_status_text
moh_bsc_check_consent_text			Varchar, 3		check_consent_text
moh_bsc_check_date			ddmmyyyy		check_date
moh_bsc_check_dhb_text			Varchar, 18		check_dhb_text
moh_bsc_general_outcome_text			Varchar, 29	general_outcome	general_outcome_text
moh_bsc_general_date			ddmmyyyy		general_date
moh_bsc_general_grommets_text			Varchar, 3		general_grommets_text
moh_bsc_general_glasses_text			Varchar, 5		general_glasses_text
moh_bsc_vision_outcome_text			Varchar, 16	vision_outcome	vision_outcome_text
moh_bsc_vision_date			ddmmyyyy		vision_date
moh_bsc_vision_score_l_text			Varchar, 5		vision_score_l_text
moh_bsc_vision_score_r_text			Varchar, 5		vision_score_r_text
moh_bsc_hearing_outcome_text			Varchar, 29	hearing_outcome	hearing_outcome_text
moh_bsc_hearing_date			ddmmyyyy		hearing_date

IDI variable name	Primary key	Mandatory	Format	Classification name	Source agency variable name
moh_bsc_hearing_audiometry_l_text			Varchar, 5		hearing_audiometry_l_text
moh_bsc_hearing_audiometry_r_text			Varchar, 5		hearing_audiometry_r_text
moh_bsc_hearing_tympanometry_l_text			Varchar, 11		hearing_tympanometry_l_text
moh_bsc_hearing_tympanometry_r_text			Varchar, 11		hearing_tympanometry_r_text
moh_bsc_growth_outcome_text			Varchar, 29	growth_outcome	growth_outcome_text
moh_bsc_growth_date			ddmmyyyy		growth_date
moh_bsc_growth_height_nbr			Integer		growth_height_nbr
moh_bsc_growth_weight_nbr			Integer		growth_weight_nbr
moh_bsc_dental_outcome_text			Varchar, 30	dental_outcome	dental_outcome_text
moh_bsc_dental_date			ddmmyyyy		dental_date
moh_bsc_dental_decay_nbr			Integer		dental_decay_nbr
moh_bsc_imms_outcome_text			Varchar, 24	imms_outcome	imms_outcome_text
moh_bsc_imms_date			ddmmyyyy		imms_date
moh_bsc_peds_outcome_text			Varchar, 29	peds_pedsoutcome	peds_outcome_text
moh_bsc_peds_date			ddmmyyyy		peds_date
moh_bsc_peds_pathway_code			Char, 1		peds_pathway_code
moh_bsc_peds_shaded_nbr			Integer		peds_shaded_nbr
moh_bsc_peds_unshaded_nbr			Integer		peds_unshaded_nbr
moh_bsc_sdqp_outcome_text			Varchar, 29	sdqp_outcome	sdqp_outcome_text
moh_bsc_sdqp_date			ddmmyyyy		sdqp_date
moh_bsc_sdqp_behaviour_nbr			Integer		sdqp_behaviour_nbr
moh_bsc_sdqp_conduct_nbr			Integer		sdqp_conduct_nbr
moh_bsc_sdqp_emotional_nbr			Integer		sdqp_emotional_nbr
moh_bsc_sdqp_hyperactive_nbr			Integer		sdqp_hyperactive_nbr
moh_bsc_sdqp_peer_prob_nbr			Integer		sdqp_peer_prob_nbr
moh_bsc_sdqt_outcome_text			Varchar, 29	sdqt_outcome	sdqt_outcome_text
moh_bsc_sdqt_date			ddmmyyyy		sdqt_date
moh_bsc_sdqt_behaviour_nbr			Integer		sdqt_behaviour_nbr
moh_bsc_sdqt_conduct_nbr			Integer		sdqt_conduct_nbr
moh_bsc_sdqt_emotional_nbr			Integer		sdqt_emotional_nbr
moh_bsc_sdqt_hyperactive_nbr			Integer		sdqt_hyperactive_nbr
moh_bsc_sdqt_peer_prob_nbr			Integer		sdqt_peer_prob_nbr

Detailed information

IDI 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:

IDI variable name: snz_moh_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_moh_uid represents a distinct identity in all of MoH tables in IDI.

Format: Integer

Name of classification:

Notes:

IDI variable name: moh_bsc_birth_month_nbr

Definition: Child's birth month

Format: Int

Name of classification:

Notes:

IDI variable name: moh_bsc_birth_year_nbr

Definition: Child's birth year

Format: Int

Name of classification:

Notes:

IDI variable name: moh_bsc_sex_code

Definition: Child's reported gender

Format: Varchar, 7

Name of classification:

Notes:

IDI variable name: moh_bsc_check_status_text

Definition: Short description of check progress

Format: Varchar, 27

Name of classification: check_status

Notes: The dataset includes checks which have not yet being completed, are still in progress, and have been partly completed and abandoned. Use check_status to differentiate between these.

IDI variable name: moh_bsc_check_consent_text

Definition: Indicates whether the child's caregiver has given permission for the check to be completed.

Format: Varchar, 3

Name of classification:

Notes: This is for the overall check. Individual components may still be declined.

IDI variable name: moh_bsc_check_date

Definition: The date the check was first completed or closed.

Format: Date, ddmmyyyy

Name of classification:

Notes: The B4 School Check year runs to the 7th of the month to allow DHBs to submit their paperwork. Children with check_date completed up to a week after the end of December will have had their checks completed by the end of December.

IDI variable name: moh_bsc_check_dhb_text

Definition: The DHB the check was completed in.

Format: Varchar, 18

Name of classification:

Notes: This can be different from the DHB the child normally lives in, ie DHB of Domicile. If check components were completed in multiple DHBs, this is the DHB where the last check component was completed.

IDI variable name: moh_bsc_general_outcome_text

Definition: A short description of the result of the General check component.

Format: Varchar, 29

Name of classification: general_outcome

Notes:

IDI variable name: moh_bsc_general_date

Definition: The date the General check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_general_grommets_text

Definition: Indicates if the child has grommets (tympanostomy tubes).

Format: Varchar, 3

Name of classification:

Notes:

IDI variable name: moh_bsc_general_glasses_text

Definition: Indicates if the child normally wears glasses.

Format: Varchar, 5

Name of classification:

Notes:

IDI variable name: moh_bsc_vision_outcome_text

Definition: A short description of the result of the Vision check component.

Format: Varchar, 16

Name of classification: vision_outcome

Notes:

IDI variable name: moh_bsc_vision_date

Definition: The date the Vision check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_vision_score_l_text

Definition: The visual acuity of the child's left eye, given in metres.

Format: Varchar, 5

Name of classification:

Notes:

Details for testing, scoring etc can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#), available as downloadable PDF. To prevent Excel converting the data to dates an underscore has been used to replace the normal slash, ie 6_6 instead of 6/6.

IDI variable name: moh_bsc_vision_score_r_text

Definition: The visual acuity of the child's right eye, given in metres.

Format: Varchar, 5

Name of classification:

Notes:

Details for testing, scoring etc. can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#). To prevent Excel converting the data to dates an underscore has been used to replace the normal slash, i.e. 6_6 instead of 6/6.

IDI variable name: moh_bsc_hearing_outcome_text

Definition: A short description of the result of the Hearing check component.

Format: Varchar, 29

Name of classification: hearing_outcome

Notes:

IDI variable name: moh_bsc_hearing_date

Definition: The date the Hearing check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_hearing_audiometry_l_text

Definition: The result from conducting an audiometry test on the child's left ear.

Format: Varchar, 5

Name of classification:

Notes: Details for testing, scoring etc. can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#).

IDI variable name: moh_bsc_hearing_audiometry_r_text

Definition: The result from conducting an audiometry test on the child's right ear.

Format: Varchar, 5

Name of classification:

Notes: Details for testing, scoring etc can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#).

IDI variable name: moh_bsc_hearing_tympanometry_l_text

Definition: The result from conducting a test tympanometry on the child's left ear.

Format: Varchar, 11

Name of classification:

Notes: Details for testing, scoring etc can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#).

IDI variable name: moh_bsc_hearing_tympanometry_r_text

Definition: The result from conducting a test tympanometry on the child's right ear.

Format: Varchar, 11

Name of classification:

Notes: Details for testing, scoring etc can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#).

Variable name: growth_outcome

IDI variable name: moh_bsc_growth_outcome_text

Definition: A short description of the result of the Growth check component.

Format: Varchar, 29

Name of classification: growth_outcome

Notes:

IDI variable name: moh_bsc_growth_date

Definition: The date the Growth check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_growth_height_nbr

Definition: Child's height in centimetres.

Format: Int, 8

Name of classification:

Notes: Details of how this is measured can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#).

IDI variable name: moh_bsc_growth_weight_nbr

Definition: Child's weight in kilograms.

Format: Int, 8

Name of classification:

Notes: Details of how this is measured can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#).

IDI variable name: moh_bsc_dental_outcome_text

Definition: A short description of the result of the Dental check component.

Format: Varchar, 30

Name of classification: dental_outcome

Notes:

IDI variable name: moh_bsc_dental_date

Definition: The date the Dental check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_dental_decay_nbr

Definition: The result from conducting the 'Lift the Lip' dental examination.

Format: Int, 8

Name of classification:

Notes: Details for testing, scoring etc. can be found in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#).

IDI variable name: moh_bsc_imms_outcome_text

Definition: A short description of the result of the Immunisation (Imms) check component

Format: Varchar, 24

Name of classification: imms_outcome

Notes:

IDI variable name: moh_bsc_imms_date

Definition: The date the Immunisation check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_peds_outcome_text

Definition: A short description of the result of the Parents' Evaluation of Developmental Status (PEDS) check component.

Format: Varchar, 29

Name of classification: peds_pedsoutcome

Notes:

IDI variable name: moh_bsc_peds_date

Definition: The date the PEDS check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_peds_pathway_code

Definition: The child's 'pathway' as determine by the Parents' Evaluation of Developmental Status (PEDS) questionnaire.

Format: Char, 1

Name of classification: peds_pedspathway

Notes:

IDI variable name: moh_bsc_peds_shaded_nbr

Definition: The score for significant difficulties identified.

Format: Int, 8

Name of classification:

Notes: Refer to the PEDS scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#).

IDI variable name: moh_bsc_peds_unshaded_nbr

Definition: The score for non-significant difficulties identified.

Format: Int, 8

Name of classification:

Notes: Refer to the PEDS scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqp_outcome_text

Definition: A short description of the result of the Strengths and Difficulties Questionnaire – Caregiver Completed (SDQP) check component.

Format: Varchar, 29

Name of classification: sdqp_outcome

Notes:

IDI variable name: moh_bsc_sdqp_date

Definition: The date the SDQP check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_sdqp_behaviour_nbr

Definition: The score for the 'Pro-Social Behaviour' subscale of the SDQP.

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqp_conduct_nbr

Definition: The score for the 'Conduct Problems' subscale of the SDQP

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqp_emotional_nbr

Definition: The score for the 'Emotion Symptoms' subscale of the SDQP

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqp_hyperactive_nbr

Definition: The score for the 'Hyperactivity' subscale of the SDQP

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqp_peer_prob_nbr

Definition: The score for the 'Peer Problems' subscale of the SDQP.

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the B4SC handbook for more detail.

IDI variable name: moh_bsc_sdqt_outcome_text

Definition: A short description of the result of the Strengths and Difficulties Questionnaire – Teacher Completed (SDQT) check component.

Format: Varchar, 29

Name of classification: sdqt_outcome

Notes:

IDI variable name: moh_bsc_sdqt_date

Definition: The date the SDQT check component was completed.

Format: Date, ddmmyyyy

Name of classification:

Notes:

IDI variable name: moh_bsc_sdqt_behaviour_nbr

Definition: The score for the 'Pro-Social Behaviour' subscale of the SDQT.

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqt_conduct_nbr

Definition: The score for the 'Conduct Problems' subscale of the SDQT.

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqt_emotional_nbr

Definition: The score for the 'Emotion Symptoms' subscale of the SDQT.

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqt_hyperactive_nbr

Definition: The score for the 'Hyperactivity' subscale of the SDQT.

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.

IDI variable name: moh_bsc_sdqt_peer_prob_nbr

Definition: The score for the 'Peer Problems' subscale of the SDQT

Format: Int, 8

Name of classification:

Notes: Refer to the SDQ scoring form in the [Well Child/ Tamariki Ora Programme Practitioner Handbook 2013 – Revised 2014](#) for more detail.
