nzhis

New Zealand Health Information Service

GENERAL MEDICAL SUBSIDY DATAMART

DATA DICTIONARY

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MINISTRY OF HEALTH

MANATŪ HAUORA

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New Zealand Health Information Service

The New Zealand Health Information Service (NZHIS) is a group within the Ministry of Health responsible for the collection and dissemination of health-related data. NZHIS has as its foundation the goal of making accurate information readily available and accessible in a timely manner throughout the health sector. The vision of NZHIS is to be recognised as a leader in the provision of health information services, and to support the health sector's ongoing effort to improve the health status of New Zealanders.

Reporting environments

Reporting environments such as Business Objects and data extracts will not necessarily contain all data described in this Data Dictionary.

Publications

A complete list of NZHIS's publications is available from New Zealand Health Information Service, PO Box 5013, Wellington, or via NZHIS's web site at http://www.nzhis.govt.nz.

Any enquiries about or comments on this publication should be directed to:

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Introduction

Objectives

The objectives of the New Zealand Health Information Service (NZHIS) Data Dictionaries are to:

- 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.

It is hoped that the greater level of detail along with clear definitions of the business rules around each element will assist with providing and using the data.

Audiences

The target audiences for NZHIS Data Dictionaries are data providers, software developers, and data users.

New format

All data element definitions in the NZHIS Data Dictionaries are presented in a format based on the Australian Institute of Health and Welfare National Health Data Dictionary. This dictionary is based on the ISO/IEC Standard 11179 *Specification and Standardization of Data Elements*—the international standard for defining data elements issued by the International Organization for Standardization and the International Electrotechnical Commission.

The format is described in detail in Appendix A of this dictionary.

Changes to dictionary format

A more rigorous approach to recording changes in the data elements has been introduced in these dictionaries along with background material on the features of time-series data for each element.

In summary, the changes to the data dictionaries include:

- standardisation of the element names so that, for instance, a healthcare user's NHI number is referred to as NHI number in all collections
- elements are listed alphabetically within each table, and the tables are organised alphabetically
- each table is described
- verification rules, historical information, and data quality information are included
- alternative names for the elements are listed
- information about how the data is collected is given
- related data, and references to source documents and source organisations are included
- an alphabetical index is included
- code tables are included with the element, or a reference given to the NZHIS web site (for large or dynamic code tables).

Table of Contents

General Medical Subsidy Datamart (GMS)

Scope

Purpose

The General Medical Subsidy Data Warehouse (GMS) is used by Ministry of Health analysts and DHBs to:

- monitor contracts with providers

- support forecasting and setting of annual budgets

- analyse health needs and assess policy effectiveness.

Content

GMS Datamart contains the fee-for-service payments made to doctors for patient visits that have been processed by the HealthPAC Proclaim system.

Start date

GMS Datamart was established in August 2003 and contains data from November 2001.

Guide for use

All data transferred from HealthPAC to the GMS Datamart is claim-related data sent by claimants.

Definitions in the GMS Datamart Data Dictionary are based on the GP Section 88 Notice.

The GMS Datamart only includes health events processed by HealthPAC. Most health events for which there are no fee claims are not included in the GMS Datamart.

Contact information

For further information about this collection or to request specific datasets or reports, contact the NZHIS Analytical Services team on ph 04 922 1800, fax 04 922 1897, or e-mail inquiries@nzhis.govt.nz, or visit the NZHIS web site www.nzhis.govt.nz.

Collection methods – guide for providers

All transactional data is sourced from HealthPAC's Proclaim system. It is loaded into the GMS Datamart via an intermediate data store (the IDS).

Frequency of updates

The GMS Datamart receives monthly extracts from HealthPAC via the IDS.

Security of data

The GMS Datamart is accessed by authorised NZHIS staff for maintenance, data quality, audit and analytical purposes.

Authorised members of the Ministry of Health and DHBs have access to the data for analytical purposes, via the Business Objects reporting tool and the secure Health Information Network (HIN). Business Objects contains a subset of the data described in the Data Dictionary.

Privacy issues

The Ministry of Health is required to ensure that the release of information recognises any legislation related to the privacy of health information, in particular the Official Information Act 1982, the Privacy Act 1993 and the Health Information Privacy Code 1994.

Information available to the general public is of a statistical and non-identifiable nature. Researchers requiring identifiable data will usually need approval from an Ethics Committee.

As at August 2003, the encrypted NHI number is stored for approximately 85 percent of records.

National reports and publications

NZHIS releases monthly reports to the DHBs on the HIN in MS Excel format.

Data provision

Customised datasets or summary reports are available on request, either electronically or on paper. Staff from the NZHIS Analytical Services team can help to define the specifications for a request and are familiar with the strengths and weaknesses of the data.

The NZHIS Analytical Services team also offers a peer review service to ensure that NZHIS data is reported appropriately when published by other organisations.

There may be charges associated with data extracts.

Age Band table

Table name: Age Band table

Name in database: dim_age_band   **Version:** 1.0   **Version date:** 31-Jul-2003

Definition: This reference table contains a record for each year from 0 to 115, grouped into 5 and 10 year age bands.

Guide for Use:

Primary Key:

Business Key:

Relational Rules:

Age in years

Administrative status

Reference ID: **Version:** 1.0   **Version date:** 31-Jul-2003

Identifying and defining attributes

Name: Age in years

Name in database: age_in_years

Other names:

Element type: Data element

Definition: The age of the healthcare user.

Context:

Relational and representational attributes

Data type: number   **Field size:** 3   **Layout:** NNN

Data domain: 0 to 115

Guide for use: '0' is used for those less than one year old.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Five year band

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 31-Jul-2003

Identifying and defining attributes

Name: Five year band

Name in database: five_year_band

Other names:

Element type: Data element

Definition: A five year range of ages, eg, 6 to 10.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* NNN to NNN

Data domain:

Guide for use: Note: The first band (0 to 5) is 6 years.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Ten year band

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 31-Jul-2003

Identifying and defining attributes

Name: Ten year band
Name in database: ten_year_band
Other names:
Element type: Data element
Definition: A ten year range of ages, eg, 11 to 20.
Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* NNN to NNN
Data domain:
Guide for use: Note: The first band (0 to 10) is 11 years.
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Claim Code table

Table name: Claim Code table

Name in database: dim_claim_code   *Version:* 1.0   *Version date:* 31-Jul-2003

Definition: This reference table contains codes that describe the patient's subsidy status at the time of the event.

Guide for Use:

Primary Key:

Business Key:

Relational Rules:

Claim code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Claim code

Name in database: claim_code

Other names:

Element type: Composite data element

Definition: A code describing the age group of the patient and whether they have a High Use Health Card and/or a Community Services Card.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* AN

Data domain: The first character is the patient category of 'A' (Adult), 'Y' (Youth) or 'J' (Junior).

                    The second is '1' (CSC use), '3' (no card presented) or 'Z' (HUHC use).

Guide for use: Claim code must be consistent with Patient category, CSC flag, and HUHC flag.

                    'A' also applied to healthcare users who are aged between 16 and 18, and are financially independent and/or married.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

CSC Flag

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: CSC Flag

Name in database: csc_flag

Other names:

Element type: Data element

Definition: Indicates whether the patient is a Community Services Card holder.

Context:

Relational and representational attributes

Data type:	varchar	*Field size:*	64	*Layout:*	A

Data domain: Y   Community Services Card used by healthcare user

                            N   Community Services Card not used by healthcare user

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Description

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Description
Name in database: description
Other names:
Element type: Data element
Definition: A text description of the claim code.
Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:*
Data domain:
Guide for use:
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

HUHC Flag

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: HUHC Flag

Name in database: huhc_flag

Other names:

Element type: Data element

Definition: Indicates whether the patient used a High Use Health Card.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* A

Data domain: Y   High Use Health Card used by healthcare user
                     N   High Use Health Card not used by healthcare user

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Patient category

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Patient category

Name in database: patient_category

Other names:

Element type: Data element

Definition: A code indicating the age group of the healthcare user.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* A

Data domain: A   Adult 18 and above
                          J   Juvenile 6 – 17 years
                          Y   Child under 6 years
                          G   GMV motor vehicle subsidy

Guide for use: Part of the claim code.

                          'A' also applies to healthcare users who are aged between 16 and 18, and are financially
                          independent and/or married.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Claim Received Date table

Table name: Claim Received Date table

Name in database: dim_claim_received_date   **Version:** 1.0   **Version date:** 31-Jul-2003

Definition: This is a view of the Global Time table, which contains a record for every day between 1900 and 2050, with descriptive attributes for each day.

Guide for Use: Used as a reference table for the date when the claim was received by HealthPAC.

Static table.

Primary Key:

Business Key:

Relational Rules:

Contract Details table

Table name: Contract Details table

Name in database: dim_contract_details *Version:* 1.0 *Version date:* 31-Jul-2003

Definition: This reference table contains a list of contract numbers and descriptions.

Guide for Use: All current contracts should be contained in the table. Any missing (historical) contracts are automatically added if referenced by a transaction, although this is limited to contract number, description and version.

Updated each month.

Primary Key:

Business Key:

Relational Rules:

Allow payment

Administrative status

Reference ID: *Version:* 1.0 *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Allow payment

Name in database: allow_payment

Other names:

Element type: Data element

Definition: A flag indicating whether services claimed under the contract are payable or not.

Context:

Relational and representational attributes

Data type: char *Field size:* 1 *Layout:* A

Data domain: Y Payment allowed
N Payment not allowed

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Contract description

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Contract description

Name in database: contract_description

Other names:

Element type: Data element

Definition: A free-text description of the contract.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 80   *Layout:*

Data domain:

Guide for use: Contains, for example, type of services, dates.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Contract expiry date

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Contract expiry date

Name in database: contract_expiry_date

Other names:

Element type: Data element

Definition: The end date on a given contract or the termination date on a contract.

Context:

Relational and representational attributes

Data type: datetime   *Field size:*   *Layout:*

Data domain:

Guide for use: If there is an end date and a termination date in HealthPAC's Contract and Monitoring System, the earlier date is extracted as the Contract expiry date.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Contract number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Contract number

Name in database: contract_number

Other names:

Element type: Data element

Definition: The number of the contract that was the basis for the funding of the service provided.

Context:

Relational and representational attributes

Data type: varchar   *Field size:*   11   *Layout:*

Data domain:

Guide for use: This is the business key for the Contract Details table.

Verification rules: HealthPAC-generated number.

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Contract type

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Contract type

Name in database: contract_type

Other names:

Element type: Data element

Definition: The type of contract, eg, a section 51 notice.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 10   *Layout:*

Data domain:

Guide for use: Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Current version

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Current version

Name in database: current_version

Other names:

Element type: Data element

Definition: The version number of the contract.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 2   *Layout:*

Data domain:

Guide for use: Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

DHB SSSG

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: DHB SSSG

Name in database: dhb

Other names:

Element type: Data element

Definition: District Health Board code allocated by Shared Support Services Group.

Context: Represents the District Health Board responsible for funding the services under the contract.

Relational and representational attributes

Data type: varchar   *Field size:* 3   *Layout:* AAA

Data domain: NLD   Northland
                 NWA   Waitemata
                 CAK   Auckland
                 SAK   Counties Manukau
                 WKO   Waikato
                 LKS   Lakes
                 BOP   Bay of Plenty
                 TRW   Tairawhiti
                 TKI   Taranaki
                 HWB   Hawkes Bay
                 WNI   Whanganui
                 MWU   MidCentral
                 HUT   Hutt
                 CAP   Capital and Coast
                 WRP   Wairarapa
                 NLM   Nelson Marlborough
                 WCO   West Coast
                 CTY   Canterbury
                 SCY   South Canterbury
                 OTA   Otago
                 SLD   Southland
                 MOH   Ministry of Health
                 OVS   Overseas

Guide for use: HealthPAC DHB codes. For completeness, the DHB SSSG code includes the Ministry of Health.

                   Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Payment days

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Payment days

Name in database: payment_days

Other names:

Element type: Data element

Definition: The number of days within which the provider is to be paid for On Demand payments.

Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*

Data domain:

Guide for use: Working days only, ie, excluding weekends and national public holidays.

                          Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Payment term code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Payment term code

Name in database: payment_term_code

Other names:

Element type: Data element

Definition: The terms of payment for the contract.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 10   *Layout:*

Data domain: 1mont
2mont
3mont
2week
6mont
1off
none

Guide for use: Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Perorg ID

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Perorg ID

Name in database: perorg_id

Other names:

Element type: Data element

Definition: The unique identifier for the person or organisation that receives payment for the work done under the contract.

Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*

Data domain:

Guide for use: Perorg is person or organisation.

In the GMS Datamart, perorgs are restricted to providers and organisations that hold a contract.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

DHB Reference table

Table name: DHB Reference table

Name in database: dim_dhb_reference   *Version:* 1.0   *Version date:* 31-Jul-2003

Definition: This reference table contains a list of DHB codes and names.

Guide for Use: There is also an entry for the Ministry of Health.

Primary Key:

Business Key:

Relational Rules:

DHB code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: DHB code

Name in database: dhb_code

Other names:

Element type: Data element

Definition: District Health Board code as defined by the Senior Advisor, DHB Services, Ministry of Health.

Context:

Relational and representational attributes

Data type: char   *Field size:* 3   *Layout:* NNN

Data domain: 011   Northland
                 021   Waitemata
                 022   Auckland
                 023   Counties Manukau
                 031   Waikato
                 042   Lakes
                 047   Bay of Plenty
                 051   Tairawhiti
                 061   Hawke's Bay
                 071   Taranaki
                 081   MidCentral
                 082   Whanganui
                 091   Capital and Coast
                 092   Hutt
                 093   Wairarapa
                 101   Nelson Marlborough
                 111   West Coast
                 121   Canterbury
                 123   South Canterbury
                 131   Otago
                 141   Southland
                 999   Overseas

Guide for use: May contain leading zeroes.

                       Derived from NZHIS geocoding of the claimant address.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

DHB ID

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: DHB ID
Name in database: dhb_id
Other names:
Element type: Data element
Definition: Statistics NZ code for District Health Boards.
Context:

Relational and representational attributes

Data type: number   *Field size:* 2   *Layout:* NN
Data domain: 1   Northland
                  2   Waitemata
                  3   Auckland
                  4   Counties Manukau
                  5   Waikato
                  6   Lakes
                  7   Bay of Plenty
                  8   Tairawhiti
                  9   Taranaki
                  10   Hawkes Bay
                  11   Whanganui
                  12   MidCentral
                  13   Hutt
                  14   Capital and Coast
                  15   Wairarapa
                  16   Nelson Marlborough
                  17   West Coast
                  18   Canterbury
                  19   South Canterbury
                  20   Otago
                  21   Southland
                  99   Overseas

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation: Statistics NZ

DHB name

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: DHB name

Name in database: dhb_name

Other names:

Element type: Data element

Definition: Legal name of the District Health Board.

Context: The DHB that paid for the service.

Relational and representational attributes

Data type: varchar   *Field size:* 40   *Layout:* Free text

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

DHB SSSG

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: DHB SSSG

Name in database: dhb_ssg

Other names:

Element type: Data element

Definition: District Health Board code allocated by Shared Support Services Group.

Context:

Relational and representational attributes

Data type: char   *Field size:* 3   *Layout:* AAA

Data domain: NLD   Northland
                     NWA   Waitemata
                     CAK   Auckland
                     SAK   Counties Manukau
                     WKO   Waikato
                     LKS   Lakes
                     BOP   Bay of Plenty
                     TRW   Tairawhiti
                     TKI   Taranaki
                     HWB   Hawkes Bay
                     WNI   Whanganui
                     MWU   MidCentral
                     HUT   Hutt
                     CAP   Capital and Coast
                     WRP   Wairarapa
                     NLM   Nelson Marlborough
                     WCO   West Coast
                     CTY   Canterbury
                     SCY   South Canterbury
                     OTA   Otago
                     SLD   Southland
                     MOH   Ministry of Health
                     OVS   Overseas

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Global Time table

Table name: Global Time table

Name in database: *Version:* 1.0   *Version date:* 31-Jul-2003

Definition: Contains a record for every day between 1900 and 2050, with descriptive attributes for each day.

Guide for Use: Static table.

Primary Key:

Business Key:

Relational Rules:

Calendar month number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Calendar month number

Name in database: calendar_month_number

Other names:

Element type: Data element

Definition: The number of the month in the calendar year in which this day falls.

Context:

Relational and representational attributes

Data type: number   *Field size:* 2   *Layout:* NN

Data domain: 1 to 12

Guide for use: For example, January is '1'.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Calendar quarter

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Calendar quarter

Name in database: calendar_quarter

Other names:

Element type: Data element

Definition: The quarter of the calendar year in which this day falls.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 6   *Layout:* AAAAAA

Data domain: first
                  second
                  third
                  fourth

Guide for use: For example, January to March is 'first'.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Calendar quarter number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Calendar quarter number

Name in database: calendar_quarter_number

Other names:

Element type: Data element

Definition: The number of the quarter of the calendar year in which this day falls.

Context:

Relational and representational attributes

Data type: number   *Field size:* 1   *Layout:* N

Data domain: 1 to 4

Guide for use: For example, January to March is '1'.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Calendar year

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Calendar year
Name in database: calendar_year
Other names:
Element type: Data element
Definition: The calendar year in which the date falls.
Context:

Relational and representational attributes

Data type: number   *Field size:* 4   *Layout:* CCYY
Data domain:
Guide for use:
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Calendar year and month

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Calendar year and month

Name in database: calendar_year_and_month

Other names:

Element type: Data element

Definition: The calendar year and month in which the date falls.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 6   *Layout:* CCYYMM

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Day of month

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Day of month
Name in database: day_of_month
Other names:
Element type: Data element
Definition: The day of the month on which this day falls.
Context:

Relational and representational attributes

Data type: number   *Field size:* 2   *Layout:* NN
Data domain: 1 to 31
Guide for use:
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Day of week

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Day of week
Name in database: day_of_week
Other names:
Element type: Data element
Definition: The name of the day of the week on which this day falls.
Context:

Relational and representational attributes

Data type: varchar   *Field size:* 3   *Layout:* AAA
Data domain: Mon to Sun
Guide for use:
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Financial month number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Financial month number

Name in database: financial_month_number

Other names:

Element type: Data element

Definition: The number of the month in the financial year on which this day falls.

Context:

Relational and representational attributes

Data type: number   *Field size:* 2   *Layout:* NN

Data domain: 1 to 12

Guide for use: For example, July is '1', August is '2', and June is '12'.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Financial quarter

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Financial quarter

Name in database: financial_quarter

Other names:

Element type: Data element

Definition: The quarter of the financial year in which this day falls.

Context:

Relational and representational attributes

Data type: varchar   *Field size:*   6   *Layout:* AAAAAA

Data domain: first
                        second
                        third
                        fourth

Guide for use: For example, July to September is 'first'.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Financial quarter number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Financial quarter number

Name in database: financial_quarter_number

Other names:

Element type: Data element

Definition: The number of the quarter of the financial year in which this day falls.

Context:

Relational and representational attributes

Data type: number   *Field size:* 1   *Layout:* N

Data domain: 1 to 4

Guide for use: For example, July to September is '1'.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Financial year

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Financial year

Name in database: financial_year

Other names:

Element type: Data element

Definition: The financial year in which the day falls, which starts from 1 July and finishes 30 June.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 7   *Layout:* CCYY/YY

Data domain:

Guide for use: For example, the financial year that begins on 1 July 2000 and ends on 30 June 2001 would be recorded as '2000/01'.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Month

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Month
Name in database: month
Other names:
Element type: Data element
Definition: The short name of the month in which the day falls.
Context:

Relational and representational attributes

Data type: varchar   *Field size:* 3   *Layout:* AAA
Data domain: Jan to Dec
Guide for use: The name of the month truncated to three characters, for example 'Oct'.
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

SQL date

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: SQL date

Name in database: sql_date

Other names:

Element type: Data element

Definition: The date of the day, held as a SQL database date field.

Context:

Relational and representational attributes

Data type: datetime   *Field size:*   *Layout:* timestamp

Data domain:

Guide for use: The presentation of this field depends on how the viewing software represents dates.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

GMS Health Event table

Table name: GMS Health Event table

Name in database: fact_gms_healthevent   *Version:* 1.0   *Version date:* 31-Jul-2003

Definition: Contains one record for each accepted claim item (ie, for each visit to a doctor for which a subsidy is claimed).

Guide for Use: This is the transaction table for the GMS.

Primary Key:

Business Key:

Relational Rules:

Amount claimed (excl GST)

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Amount claimed (excl GST)

Name in database: amt_claimed_gst_excl

Other names:

Element type: Data element

Definition: The amount claimed by the provider for the service, not including GST.

Context:

Relational and representational attributes

Data type: number   *Field size:* 11,2   *Layout:* NNNNNNNNN.NN

Data domain:

Guide for use: HealthPAC provide this value with GST included. The GMS Datamart deducts GST on load.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Amount paid (excl GST)

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Amount paid (excl GST)

Name in database: amount_paid_gst_excl

Other names:

Element type: Data element

Definition: The amount paid to the provider for the service, not including GST.

Context:

Relational and representational attributes

Data type: number   *Field size:* 11,2   *Layout:* NNNNNNNNN.NN

Data domain:

Guide for use: HealthPAC provide this value with GST included. The GMS Datamart deducts GST on load.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Invoice number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Invoice number

Name in database: invoice_number

Other names:

Element type: Data element

Definition: The invoice number generated by HealthPAC on behalf of the provider.

Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*

Data domain:

Guide for use: Used to group claims on an invoice.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Locum flag

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Locum flag

Name in database: locum_flag

Other names:

Element type: Data element

Definition: A flag indicating whether the healthcare was provided by a locum.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 1   *Layout:* A

Data domain: Y   healthcare provided by a locum
                             N   healthcare not provided by a locum

Guide for use: If 'Y', then the Provider key refers to the locum.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Original item ID

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Original item ID

Name in database: original_item_id

Other names:

Element type: Data element

Definition: Part of the unique key for HealthPAC records.

Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*

Data domain:

Guide for use: Used to identify records for updates.

                       Not unique. This is always '1'.

Verification rules: The Original message ID, Original transaction ID, and Original item ID form a unique combination.

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Original message ID

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Original message ID

Name in database: original_message_id

Other names:

Element type: Data element

Definition: Part of the key for HealthPAC records.

Context:

Relational and representational attributes

Data type: char   *Field size:* 12   *Layout:*

Data domain:

Guide for use: Used to identify records for update.

                       From the provider's point of view, this constitutes a claim.

Verification rules: The Original message ID, Original transaction ID, and Original item ID form a unique combination.

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Original transaction ID

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Original transaction ID
Name in database: original_transaction_id
Other names:
Element type: Data element
Definition: Part of the unique key for HealthPAC records.
Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*
Data domain:
Guide for use: Used to identify records for updates.

                        Not unique. Starts from '1' for each combination of Original message ID and Original item ID.
Verification rules: The Original message ID, Original transaction ID, and Original item ID form a unique combination.
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Healthcare User table

Table name: Healthcare User table

Name in database: dim_health_care_user   *Version:* 1.0   *Version date:* 31-Jul-2003

Definition: This reference table contains information about all people who have received healthcare directly from healthcare providers.

Guide for Use: Contains the encrypted NHI number and demographic details for each healthcare user referenced by the GMS Health Event table.

Sourced from the NHI Healthcare User table. Refreshed each month.

Primary Key:

Business Key:

Relational Rules:

Date of birth

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Date of birth

Name in database: date_of_birth

Other names: DOB, HCU date of birth, Birth date

Element type: Data element

Definition: The date on which the person was born.

Context: Required to derive age for demographic analyses.

Relational and representational attributes

Data type: datetime   *Field size:*   *Layout:* CCYYMMDD

Data domain: Valid dates

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Date of death

Administrative status

Reference ID: A0026   *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Date of death

Name in database: date_of_death

Other names: DOD, Death date

Element type: Data element

Definition: The date on which the person died.

Context:

Relational and representational attributes

Data type: datetime   *Field size:*   *Layout:* CCYYMMDD

Data domain: Valid dates

Guide for use:

Verification rules:

Collection method: Sourced from the Births, Deaths and Marriages Office.

Related data:

Administrative attributes

Source document:

Source organisation:

Deprivation Index

Administrative status

Reference ID: *Version:* 1.0 *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Deprivation Index

Name in database: deprivation_index

Other names:

Element type: Data element

Definition: A scale of material and social deprivation based on the 1996 census. The Deprivation Index is a combination of nine census variables covering income, transport, living space, owned home, employment, qualifications, support, and communication within a 1996 meshblock.

Context:

Relational and representational attributes

Data type: char *Field size:* 2 *Layout:* NN

Data domain: 1 to 10

Guide for use: Not used

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

DHB code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: DHB code

Name in database: dhb_code

Other names:

Element type: Data element

Definition: District Health Board code as defined by the Senior Advisor, DHB Services, Ministry of Health.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* NNN

Data domain: 011   Northland
                      021   Waitemata
                      022   Auckland
                      023   Counties Manukau
                      031   Waikato
                      042   Lakes
                      047   Bay of Plenty
                      051   Tairawhiti
                      061   Hawke's Bay
                      071   Taranaki
                      081   MidCentral
                      082   Whanganui
                      091   Capital and Coast
                      092   Hutt
                      093   Wairarapa
                      101   Nelson Marlborough
                      111   West Coast
                      121   Canterbury
                      123   South Canterbury
                      131   Otago
                      141   Southland
                      999   Overseas

Guide for use: Derived from NZHIS geocoding of the claimant address.

                      Usually but not always the same as the Funding DHB.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

DHB name

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: DHB name
Name in database: dhb
Other names:
Element type: Data element
Definition: The name of the District Health Board responsible for the domicile.
Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:*
Data domain:
Guide for use: For completeness, the table includes the Ministry of Health.
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Domicile code

Administrative status

Reference ID: A0023   *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Domicile code

Name in database: domicile_code

Other names:

Element type: Data element

Definition: Statistics NZ Health Domicile Code representing a person's usual residential address. Also used for facility addresses.

Usual residential address is defined as the address at which the person has been, or plans to be, living for 3 months or more. (Statistics NZ definition of 'usually resident'.)

If a person usually lives in a rest home or a hospital, that is considered their usual residential address.

Context:

Relational and representational attributes

Data type: char   *Field size:* 4   *Layout:* XXNN

Data domain: See the Domicile code table on the NZHIS web site at http://www.nzhis.govt.nz/documentation/codetables.html. For further information or a printed copy of the code table, contact the Publications Officer. Contact details are given at the front of this dictionary.

Guide for use: Health Domicile code 2001, which has a one-to-one correspondence to Statistics NZ census area code 2001 but has a maximum of 4 digits instead of 6 digits.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation: Statistics NZ

Domicile name

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Domicile name
Name in database: domicile_name
Other names:
Element type: Data element
Definition: Health Domicile Name (2001 boundaries).
Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* Free text
Data domain:
Guide for use: Eg, Akaroa, Pukerua Bay.
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Encrypted NHI number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name:	Encrypted NHI number
Name in database:	encrypted_hcu_id
Other names:	Encrypted HCU identifier, Encrypted NHI, etc. See other names for the NHI number under Guide for use.
Element type:	Data element
Definition:	The NHI number in encrypted form.
Context:	The NHI number is the cornerstone of NZHIS's data collections. It is a unique 7-character identification number assigned to a healthcare user by the National Health Index (NHI) database. The NHI number uniquely identifies healthcare users, and allows linking between different data collections. It is encrypted in Labs to ensure privacy of individual records.

Relational and representational attributes

Data type:	varchar	*Field size:*	11	*Layout:*	
Data domain:	System-generated				

Guide for use: THE NHI NUMBER
The NHI number is also known as National Health Index, HCU identifier, NHI, HCU, HCU Number, Healthcare User identifier, HCU identification number, NMPI number, Hospital Number, Patient Number.

When duplicate records for a healthcare user are merged, one of their NHI numbers will be deemed to be the master (or primary), and the others become event (or secondary) NHI numbers. This does not affect which NHI numbers are used in local systems.

The NHI number that is sent in by the data provider is encrypted during the loading process. Only this encrypted NHI number is stored.

For the analysis of healthcare information relating to a unique individual, the master NHI number should be used. Please contact inquiries@nzhis.co.nz for further information on how to obtain the master encrypted NHI number if you are performing your own data extraction.

The Privacy Commissioner considers the NHI number to be personally identifying information (like name and address) so, if it is linked to clinical information, it must be held securely and the healthcare user's privacy protected. The Encrypted NHI number is not considered personally identifying.

NZHIS will return data containing unencrypted NHI numbers to providers who have sent it in. Information available to the general public is of a statistical and non-identifiable nature. Researchers requiring identifiable data will usually need approval from an Ethics Committee.

VALIDATION
The first three characters of an NHI number must be alpha (but not 'I' or 'O'). The 4th to 6th characters must be numeric. The 7th character is a check digit modulus 11.

ENCRYPTION
The NHI number is encrypted using a one-way encryption algorithm. The aim is to provide an encrypted number that can be sent across public (unsecured) networks.

Verification rules: Must be registered on the NHI before use.

There is a verification algorithm which ensures that the NHI number is in the correct format and is valid.

Collection method: NHI numbers are often included on patient notes and other patient documentation. New numbers can be allocated by health providers who have direct access to the NHI Register.

Related data:

Administrative attributes

Source document: http://www.nzhis.govt.nz/nhi/ for more information on the NHI number

Source organisation: NZHIS

Ethnicity code 1

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name:	Ethnicity code 1
Name in database:	ethnicity_code_1
Other names:	Ethnic group
Element type:	Data element
Definition:	A social group whose members have one or more of the following four characteristics: - they share a sense of common origins - they claim a common and distinctive history and destiny - they possess one or more dimensions of collective cultural individuality - they feel a sense of unique collective solidarity.
Context:	The first recorded ethnicity of the healthcare user. Information on ethnicity is collected for planning and service delivery purposes and for monitoring health status across different ethnic groups. Ethnic group codes are key variables for determining the characteristics of the population that are using the health sector.

Relational and representational attributes

Data type: char   *Field size:* 2   *Layout:* NN

Data domain:	10	European not further defined
	11	NZ European
	12	Other European
	21	NZ Maori
	30	Pacific Island not further defined
	31	Samoan
	32	Cook Island Maori
	33	Tongan
	34	Niuean
	35	Tokelauan
	36	Fijian
	37	Other Paciific Island (not listed)
	40	Asian not further defined
	41	South east Asian
	42	Chinese
	43	Indian
	44	Other Asian
	51	Middle Eastern
	52	Latin American/Hispanic
	53	African
	54	Other
	99	Not stated

Guide for use:	Not used. Up to 3 Ethnic group codes can be collected for each healthcare user and each event. Where more than 3 Ethnic group codes are reported, the Statistics NZ prioritisation algorithm is used to report only 3 values. Because ethnicity is self-identified, it can change over time. This is why NZHIS collects ethnicity information for each health event, rather than relying on the data in the National Health Index (which does not include historical data).
Verification rules:	Ethnicity 1 is mandatory. Ethnicity 2 and Ethnicity 3 are optional.

Ethnicity 2 cannot be the same as Ethnicity 1 or 3. Ethnicity 3 cannot be the same as Ethnicity 2 or 1.

Must be a valid code in the Ethnicity code table.

Collection method: Use of the code '54' (Other) is limited to only about 5 ethnic groups. It must not be used as a generic 'other' code. If a person chooses not to answer the ethnicity question, record their ethnicity as 'not stated'.

Each ethnic group as maintained by Statistics NZ has a 5-digit code. NZHIS collections use only the first 2 digits.

Related data: Prioritised ethnic code
Ethnicity code 2
Ethnicity code 3

Administrative attributes

Source document: Smith, Anthony. 1981. The Ethnic Revival. Cambridge University Press.

Source organisation: Statistics NZ, modified by the National Data Policy Group

Ethnicity code 2

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 25-Aug-2003

Identifying and defining attributes

Name: Ethnicity code 2
Name in database: ethnicity_code_2
Other names:
Element type: Data element
Definition: See Ethnicity code 1.
Context: The second recorded ethnicity of the healthcare user.

Relational and representational attributes

Data type: char   *Field size:* 2   *Layout:* NN
Data domain:
Guide for use:
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Ethnicity code 3

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 25-Aug-2003

Identifying and defining attributes

Name: Ethnicity code 3

Name in database: ethnicity_code_3

Other names:

Element type: Data element

Definition: See Ethnicity code 1.

Context: The third recorded ethnicity of the healthcare user.

Relational and representational attributes

Data type: char   *Field size:* 2   *Layout:* NN

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Ethnicity description

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Ethnicity description

Name in database: ethnicity_description

Other names:

Element type: Data element

Definition: A description of the prioritised ethnic code.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 35   *Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

HHS code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: HHS code
Name in database: hhs_code
Other names:
Element type: Data element
Definition: Health and Health Services code.
Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:*
Data domain:
Guide for use: No longer used.
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

HHS name

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: HHS name

Name in database: hhs

Other names:

Element type: Data element

Definition: Health and Health Services name.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:*

Data domain:

Guide for use: No longer used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Inner group

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Inner group

Name in database: inner_group

Other names:

Element type: Data element

Definition: This is a higher level of ethnic grouping.

Context:

Relational and representational attributes

Data type: char   *Field size:* 2   *Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Inner group description

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Inner group description

Name in database: inner_group_description

Other names:

Element type: Data element

Definition: A description of the inner group, which is a higher level of ethnic grouping than the ethnicity code.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 30   *Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Locality code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Locality code

Name in database: locality_code

Other names:

Element type: Data element

Definition: Regional Health Authority locality code.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* NN

Data domain: 01   Northland
                     02   Auckland
                     03   Waikato
                     04   Bay of Plenty
                     05   Tairawhiti/Hawke's Bay
                     06   Taranaki
                     07   Wanganui/Manawatu
                     08   Wellington
                     09   Nelson/Marlborough
                     10   Canterbury/West Coast
                     11   Otago/Southland

Guide for use: The Locality Reference code table contains HFA geographic groups. These are only used for historical analysis.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation: NZHIS

Locality name

Administrative status

Reference ID: *Version:* 1.0 *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Locality name

Name in database: locality

Other names:

Element type: Data element

Definition: Regional Health Authority locality name.

Context:

Relational and representational attributes

Data type: varchar *Field size:* 64 *Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Master encrypted NHI number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Master encrypted NHI number

Name in database: master_encrypted_hcu_id

Other names: Master encrypted HCU identifier, Master encrypted NHI, etc. See other names for the NHI number under 'Guide for use' below.

Element type: Data element

Definition: The master NHI number in encrypted form.

Context: The NHI number is the cornerstone of NZHIS's data collections. It is a unique 7-character identification number assigned to a healthcare user by the National Health Index (NHI) database. The NHI number uniquely identifies healthcare users, and allows linking between different data collections. If the healthcare user has more than one NHI number, one of the NHI numbers is chosen as the master. It is encrypted in the GMS Datamart to ensure privacy of individual records.

Relational and representational attributes

Data type: varchar   *Field size:* 11   *Layout:*

Data domain: NHI number sent in as AAANNNN (ie, 7 characters). Encrypted before load.

Guide for use: THE NHI NUMBER
The NHI number is also known as National Health Index, HCU identifier, NHI, HCU, HCU Number, Healthcare User identifier, HCU identification number, NMPI number, Hospital Number, Patient Number.

When duplicate records for a healthcare user are merged, one of their NHI numbers will be deemed to be the master (or primary), and the others become event (or secondary) NHI numbers. This does not affect which NHI numbers are used in local systems.

In Imms, if an NHI number has not been merged, then the Encrypted (event) NHI number is stored in this field. This makes it easier to count individuals, as a single NHI number is stored in this field for each healthcare user.

For the analysis of healthcare information relating to a unique individual, the master NHI number should be used. Please contact an NZHIS information analyst for further information on how to obtain the master encrypted NHI number if you are performing your own data extraction.

The Privacy Commissioner considers the NHI number to be personally identifying information (like name and address) so, if it is linked to clinical information, it must be held securely and the healthcare user's privacy protected. The Encrypted NHI number is not considered personally identifying.

VALIDATION
The first three characters of an NHI number must be alpha (but not 'I' or 'O'). The 4th to 6th characters must be numeric. The 7th character is a check digit modulus 11.

ENCRYPTION
The NHI number is encrypted using a one-way encryption algorithm. The aim is to provide an encrypted number that can be sent across public (unsecured) networks.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document: http://www.nzhis.govt.nz/nhi/

Source organisation: NZHIS

Outer group

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Outer group

Name in database: outer_group

Other names:

Element type: Data element

Definition: A very high level grouping of ethnicity.

Context:

Relational and representational attributes

Data type: char   *Field size:* 2   *Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Outer group description

Administrative status

Reference ID:　　　　　　　　　　　　　　　*Version:* 1.0　　　*Version date:* 01-Jan-2003

Identifying and defining attributes

Name:　　　　　　　　Outer group description

Name in database:　outer_group_description

Other names:

Element type:　　　　Data element

Definition:　　　　　　A description of the very high level ethnic grouping.

Context:

Relational and representational attributes

Data type:　　　　　varchar　　　　*Field size:* 30　　　　*Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Prioritised ethnic code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name:	Prioritised ethnic code
Name in database:	prioritised_ethnic_code
Other names:	
Element type:	Derived data element
Definition:	The most highly prioritised ethnicity of the three ethnic groups recorded for the healthcare user, determined according to a Statistics NZ algorithm.
Context:	

Relational and representational attributes

Data type:	char *Field size:* 2 *Layout:* NN
Data domain:	See the Ethnicity code table on the NZHIS web site at http://www.nzhis.govt.nz/documentation/codetables.html. For further information or a printed copy of the code table, contact the Publications Officer. Contact details are given at the front of this dictionary.
Guide for use:	Ethnic codes are ranked on the Ethnicity code table from '1' (highest priority) to '21' (lowest priority), with '99' for not stated. Prioritised ethnic code is the healthcare user's ethnic code with the highest priority. Prioritising ethnic codes simplifies analysis.
Verification rules:	
Collection method:	
Related data:	Ethnic group code

Administrative attributes

Source document:	
Source organisation:	Statistics NZ

Region name

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Region name

Name in database: region

Other names:

Element type: Data element

Definition: Name of Regional Health Authority.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* Free text

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

RHA code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: RHA code

Name in database: rha_code

Other names:

Element type: Data element

Definition: Regional Health Authority.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* N

Data domain: 1   Northern Region
                         2   Midland Region
                         3   Central Region
                         4   Southern Region

Guide for use: Alternative to DHB, or going to the Provider table to look up geocoded fields. Still geographically
                         useful, although RHAs no longer exist.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Sex

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Sex

Name in database: gender

Other names:

Element type: Data element

Definition: The individual's biological sex.

Context:

Relational and representational attributes

Data type: char   *Field size:* 1   *Layout:* A

Data domain: M   Male
                       F   Female
                       U   Sex unknown
                       u   Person unknown

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Sub-locality code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Sub-locality code

Name in database: sub_locality_code

Other names:

Element type: Data element

Definition: Regional Health Authority sub-locality code.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* NN

Data domain: 01   Northland
                     02   North Harbour
                     03   West Auckland
                     04   Central Auckland
                     05   South Auckland
                     06   Thames Valley and Peninsula
                     07   Central and Northern Waikato
                     08   Hamilton City
                     09   South and Eastern Waikato
                     10   King Country
                     11   Western Bay of Plenty
                     12   Lakes
                     13   Eastern Bay of Plenty
                     14   Tairawhiti
                     15   Hawke's Bay
                     16   Taranaki
                     17   Wanganui
                     18   Manawatu
                     19   Porirua-Kapiti
                     20   Hutt
                     21   Wellington
                     22   Wairarapa
                     23   Nelson-Marlborough
                     24   West Coast
                     25   North Canterbury
                     26   Canterbury
                     27   Christchurch City
                     28   Mid-Canterbury
                     29   South Canterbury
                     30   Waitaki
                     31   Central Lakes
                     32   Dunedin City
                     33   Clutha
                     34   Southland
                     35   Invercargill City

Guide for use: The Sub-Locality Reference code table contains HFA geographic groups. These are only used for
                       historical analysis.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation: NZHIS

Sub-locality name

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Sub-locality name

Name in database: sub_locality

Other names:

Element type: Data element

Definition: Name of HFA sub-locality.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:* Free text

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Territorial Authority

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Territorial Authority

Name in database: ta

Other names:

Element type: Data element

Definition: NZ Statistics Territorial Local Authority name (1995 boundaries).

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 64   *Layout:*

Data domain:

Guide for use: Territorial authorities are composed of meshblocks and area units, so the area covered by the local authority can be defined at either of these levels.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Territorial Authority code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name:	Territorial Authority code
Name in database:	ta_code
Other names:	
Element type:	Data element
Definition:	NZ Statistics Territorial Local Authority number (1995 boundaries).
Context:	

Relational and representational attributes

Data type:	varchar	*Field size:*	64	*Layout:*	NN
Data domain:	00 to 99				

Guide for use: Territorial authorities are composed of meshblocks and area units, so the area covered by the local authority can be defined at either of these levels.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Payee table

Table name: Payee table

Name in database: dim_payee   *Version:* 1.0   *Version date:* 31-Jul-2003

Definition: This reference table contains a list of persons or organisations who receive payment from
                          HealthPAC for claims.

Guide for Use: Updated each month.

Primary Key:

Business Key:

Relational Rules:

Payee description

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Payee description

Name in database: payee_description

Other names:

Element type: Data element

Definition: A short description of the payee.

Context:

Relational and representational attributes

Data type:	varchar	*Field size:*	150	*Layout:*

Data domain: non-pharmacy
                         flu vaccination
                         winz office

Guide for use: Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Payee DHB

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Payee DHB

Name in database: payee_dhb

Other names:

Element type: Data element

Definition: The DHB making the claim.

Context:

Relational and representational attributes

Data type: char   *Field size:* 22   *Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Payee number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Payee number

Name in database: payee_number

Other names:

Element type: Data element

Definition: The HealthPAC payee identification number.

Context:

Relational and representational attributes

Data type: char   *Field size:* 7   *Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Payee perorg number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Payee perorg number

Name in database: payee_perorg_num

Other names:

Element type: Data element

Definition: The HealthPAC person or organisation identification number.

Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*

Data domain:

Guide for use: Perorg is person or organisation.

One person or organisation can have many payee IDs in the HealthPAC system.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Perorg legal name

Administrative status

Reference ID: *Version:* 1.0 *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Perorg legal name

Name in database: perorg_legal_name

Other names:

Element type: Data element

Definition: The full name of the person or organisation.

Context:

Relational and representational attributes

Data type: varchar *Field size:* 100 *Layout:*

Data domain:

Guide for use: Perorg is person or organisation.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Perorg name

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Perorg name

Name in database: perorg_name

Other names:

Element type: Data element

Definition: The name of the person or organisation.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 100   *Layout:*

Data domain:

Guide for use: Perorg is person or organisation.

                        Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Sequence number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Sequence number

Name in database: sequence_no

Other names:

Element type: Data element

Definition: Distinguishes between different payee IDs for a single person or organisation.

Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*

Data domain:

Guide for use: Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Payment Date table

Table name:	Payment Date table

Name in database:	dim_payment_date	***Version:*** 1.0	***Version date:*** 31-Jul-2003

Definition: This is a view of the Global Time table, which contains a record for every day between 1900 and 2050, with descriptive attributes for each day.

Guide for Use: Used as a reference table for the date when the claim was paid by HealthPAC.

Static table.

Primary Key:

Business Key:

Relational Rules:

Provider table

Table name: Provider table

Name in database: dim_provider   *Version:* 1.0   *Version date:* 31-Jul-2003

Definition: This reference table contains a list of all healthcare providers referenced by the GMS Health Event table.

Guide for Use: If the address or occupation changes, a new record is created.

                     Updated each month.

Primary Key:

Business Key:

Relational Rules:

Current practising certificate

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Current practising certificate

Name in database: current_practising_cert

Other names:

Element type: Data element

Definition: Indicates whether the provider has a current practising certificate.

Context:

Relational and representational attributes

Data type: char   *Field size:* 1   *Layout:* A

Data domain: Y   Provider has current practising certificate
                    N   Provider does not have current practising certificate

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Deregistration date

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Deregistration date

Name in database: deregistration_date

Other names:

Element type: Data element

Definition: Date the provider is deregistered.

Context:

Relational and representational attributes

Data type: datetime   *Field size:*   *Layout:* CCYYMMDD

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Health professional group code

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Health professional group code

Name in database: health_professional_group_code

Other names:

Element type: Data element

Definition: The provider's professional group.

Context:

Relational and representational attributes

Data type:	varchar	*Field size:*	5	*Layout:* AA

Data domain: MC   Medical Council of NZ
                      NC   Nursing Council of NZ
                      DC   Dental Council of NZ

Guide for use: Used to derive Provider type.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Perorg name

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Perorg name

Name in database: perorg_name

Other names:

Element type: Data element

Definition: The name of the person or organisation.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 100   *Layout:*

Data domain:

Guide for use: Perorg is person or organisation.

                        Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Perorg number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Perorg number

Name in database: perorg_number

Other names:

Element type: Data element

Definition: The HealthPAC person or organisation identification number.

Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*

Data domain:

Guide for use: Perorg is person or organisation.

                    This is the same as the Payee perorg number in the Payee table.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Pharmac provider type

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Pharmac provider type

Name in database: pharmac_provider_type

Other names:

Element type: Derived data element

Definition: The type code of the provider used by the Pharmhouse.

Context:

Relational and representational attributes

Data type: number   *Field size:* 1   *Layout:* N

Data domain: 0   Unknown
                     1   Doctor converted from Role Type MC
                     2   Temporary Doctor converted from Role Type MX
                     3   Dentist converted from Roles Types DC and DX
                     4   Private Hospital
                     5   Maternity Hospital
                     6   Approved Institution
                     7   Midwife converted from Role Type NC
                     8   Undefined

Guide for use: Derived from provider type.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Pharmac registration number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Pharmac registration number

Name in database: pharmac_registration_number

Other names:

Element type: Derived data element

Definition: Numeric version of the Provider registration number.

Context:

Relational and representational attributes

Data type: number   *Field size:*   *Layout:*

Data domain:

Guide for use:

Verification rules: Derived from Provider registration number by removing all alphabetical characters.

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Provider address

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Provider address
Name in database: provider_address
Other names:
Element type: Data element
Definition: The first line of the provider's physical address.
Context:

Relational and representational attributes

Data type: char   *Field size:* 45   *Layout:*
Data domain:
Guide for use:
Verification rules:
Collection method:
Related data:

Administrative attributes

Source document:
Source organisation:

Provider address 2

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Provider address 2

Name in database: provider_address2

Other names:

Element type: Data element

Definition: The second line of the provider's physical address.

Context:

Relational and representational attributes

Data type: char   *Field size:* 40   *Layout:*

Data domain:

Guide for use:

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Provider occupation

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Provider occupation

Name in database: provider_occupation

Other names:

Element type: Data element

Definition: The occupation of the provider.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 5   *Layout:*

Data domain:

Guide for use: Similar to Provider type, but more detailed.

                          Not well-populated (mostly 'XX' or 'GP'). Not used.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Provider registration number

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name:	Provider registration number
Name in database:	provider_registration_number
Other names:	
Element type:	Data element
Definition:	The professional registration number of the provider.
Context:	

Relational and representational attributes

Data type:	varchar	*Field size:*	10	*Layout:*	

Data domain:

Guide for use: Medical Council, Nursing Council or Dental Council registration number.

Verification rules:

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Provider type

Administrative status

Reference ID: *Version:* 1.0   *Version date:* 01-Jan-2003

Identifying and defining attributes

Name: Provider type

Name in database: provider_type

Other names:

Element type: Derived data element

Definition: A code for the registration body of the provider.

Context:

Relational and representational attributes

Data type: varchar   *Field size:* 10   *Layout:* A

Data domain: M   Medical Council of NZ
                       N   Nursing Council of NZ
                       D   Dental Council of NZ

Guide for use:

Verification rules: Derived from Health professional group code.

Collection method:

Related data:

Administrative attributes

Source document:

Source organisation:

Visit Date table

Table name: Visit Date table

Name in database: dim_visit_date   ***Version:*** 1.0   ***Version date:*** 31-Jul-2003

Definition: This is a view of the Global Time table, which contains a record for every day between 1900 and 2050, with descriptive attributes for each day.

Guide for Use: Used as a reference table for the date when the healthcare user visited the doctor.

Static table.

Primary Key:

Business Key:

Relational Rules:

Appendix A: Data Dictionary Template

Introduction	This appendix explains how data element attributes are organised in the data dictionary template.

Order of elements	Within the dictionary, elements are organised by table, and then alphabetically. An alphabetical index at the back of the data dictionary is provided to assist the user in finding specific elements.

Template	This table explains the template.

Administrative status	The operational status (eg, CURRENT, SUPERSEDED) of the data element. No SUPERSEDED data elements will be included in the Dictionaries.
Reference ID	A code that uniquely identifies the data element. If the data element is used in more than one collection, it should retain its Reference ID wherever it appears.
Version number	A version number for each data element. A new version number is allocated to a data element/concept when changes have been made to one or more of the following attributes of the definition: – name – definition – data domain, eg, adding a new value to the field. Elements with frequently updated code tables, such as the Facility code table, will not be assigned a new version for changes to data domain.
Version date	The date the new version number was assigned.

Identifying and defining attributes

Name	A single or multi-word designation assigned to a data element. This appears in the heading for each unique data definition in the Dictionaries. Previous names for the data element are included in the Guide for Use section.
Data element type	DATA ELEMENT—a unit of data for which the definition, identification, representation and permissible values are specified by means of a set of attributes. DERIVED DATA ELEMENT—a data element whose values are derived by calculation from the values of other data elements. COMPOSITE DATA ELEMENT—a data element whose values represent a grouping of the values of other data elements in a specified order.
Definition	A statement that expresses the essential nature of a data element and its differentiation from all other data elements.
Context (optional)	A designation or description of the application environment or discipline in which a name is applied or from which it originates. This attribute may also include the justification for collecting the items and uses of the information.

Relational and representational attributes

Data type	The type of field in which a data element is held. For example, character, integer, or numeric.
Field size	The maximum number of storage units (of the corresponding data type) to represent the data element value. Field size does not generally include characters used to mark logical separations of values, eg, commas, hyphens or slashes.
Layout	The representational layout of characters in data element values expressed by a character string representation. For example: - 'CCYYMMDD' for calendar date - 'N' for a one-digit numeric field - 'A' for a one-character field - 'X' for a field that can hold either a character or a digit, and - '$$$,$$$,$$$' for data elements about expenditure.
Data domain	The permissible values for the data element. The set of values can be listed or specified by referring to a code table or code tables, for example, ICD-10-AM 2nd Edition.
Guide for use (optional)	Additional comments or advice on the interpretation or application of the data element (this attribute has no direct counterpart in the ISO/IEC Standard 11179 but has been included to assist in clarification of issues relating to the classification of data elements). Includes historical information, advice regarding data quality, and alternative names for this data element.
Verification rules (optional)	The rules and/or instructions applied for validating and/or verifying elements, in addition to the formal edits.
Collection methods – Guide for providers (optional)	Comments and advice concerning the capture of data for the particular data element, including guidelines on the design of questions for use in collecting information, and treatment of 'not stated' or non-response (this attribute is not specified in the ISO/IEC Standard 11179 but has been added to cover important issues about the actual collection of data).
Related data (optional)	A reference between the data element and any related data element in the Dictionary, including the type of this relationship. Examples include: 'has been superseded by the data element…', 'is calculated using the data element…', and 'supplements the data element…'.

Administrative attributes

Source document (optional)	The document from which definitional or representational attributes originate.
Source organisation (if available)	The organisation responsible for the source document and/or the development of the data definition (this attribute is not specified in the ISO/IEC Standard 11179 but has been added for completeness). The source organisation is not necessarily the organisation responsible for the ongoing development/maintenance of the data element definition. An example of a source organisation is the National Data Policy Group (NDPG).

Appendix B: Glossary

Note: See *Appendix B: Glossary* in separate document.

Appendix C: Logical Groups of Elements

Claim
Allow payment
Amount claimed (excl GST)
Amount paid (excl GST)
Claim code
Invoice number
Original item ID
Original message ID
Original transaction ID

Contract
Contract description
Contract expiry date
Contract number
Contract type
Current version
Payment days
Payment term code

DHBs
DHB code
DHB ID
DHB name
DHB SSSG

Ethnicity
Inner group
Inner group description
Outer group
Outer group description

HCU
Age in years
CSC Flag
Date of birth
Date of death
Deprivation index
Domicile code
Encrypted NHI number
Ethnic code
Ethnicity code
Ethnicity description
HUHC Flag
Master encrypted NHI number
Patient category
Prioritised ethnic code
Sex

Payee
Payee description
Payee DHB
Payee number
Payee perorg number
Perorg ID
Perorg legal name
Perorg name
Perorg number
Sequence number

Place
Area unit
Area unit code
Domicile name
HHS
HHS code
Locality
Locality code
Region name
RHA code
Rural status code
Sub-locality code
Sub-locality name
Territorial Authority
Territorial Authority code

Provider
Current practising certificate
Deregistration date
Health professional group code
Locum flag
Pharmac provider type
Pharmac registration number
Provider address
Provider address 2
Provider occupation
Provider registration number
Provider type
Year retired

Time
Calendar month number
Calendar quarter
Calendar quarter number
Calendar year
Calendar year and month
Day of month
Day of week
Financial month number
Financial quarter
Financial quarter number
Financial year
Five year band
Month T
SQL date
Ten year band

Appendix D: Code Table Index

Code table	Location
DHB code table	See *DHB code* on pages 20 and 48.
Domicile code table	See the NHIS web site.
Ethnic group code table	See *Prioritised ethnic code* on page 69.
Health Professional Group code table	See *Health professional group code* on page 88.
Locality code table	See *Locality code* on page 63.
Patient Category code table	See *Patient category* on page 8.
Pharmac Provider Type code table	See *Pharmac provider type* on page 91.
Provider Type code table	See *Provider type* on page 97.
RHA code table	See *RHA code* on page 71.
Sub-locality code table	See *Sub-locality code* on page 73.

Code tables on web site   For code tables on the NZHIS web site go to http://www.nzhis.govt.nz/documentation/codetables.html. For further information or a printed copy of the code table, contact the Publications Officer. Contact details are given at the front of this dictionary.

Appendix E: Alphabetical Index of Data Elements