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## National Maternity Collection (MAT)

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### Data Mart Data Dictionary

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MANATŪ HAUORA

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## Introduction

### **Objectives**

The objectives of the Ministry of Health ('the Ministry') 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 Data Dictionaries are data providers, software developers, and data users.

### **Format**

All data element definitions in the 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 the appendices of this dictionary.

### **Changes to dictionary format**

A more rigorous approach to record 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 Ministry's web site (for large or dynamic code tables).

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# National Maternity Collection

<b>Purpose</b>	The National Maternity Collection (MAT) provides statistical, demographic and clinical information about selected publicly-funded maternity services up to nine months before and three months after a birth. MAT is used for strategy and policy development, supporting clinical intervention, maternity service evaluation and quality assurance, to assist clinical governance and for research.
<b>Content</b>	MAT integrates health information from two sources. MAT contains data on primary maternity services provided under Section 88 of the New Zealand Public Health and Disability Act 2000. This information is sourced from Lead Maternity Carer (LMC) claims for payment. MAT also contains inpatient and day-patient health event data during pregnancy, birth and the postnatal period for mother and baby, sourced from the National Minimum Dataset (NMDS).
<b>Coverage</b>	<p>NMDS coverage of publicly funded antenatal, delivery (mother), birth (baby) and postnatal events is complete from July 2000.</p> <p>Coverage of claims-sourced primary maternity services information is 95% of known births from July 2002 to June 2007. From July 2007, coverage is 80% of known births. Due to a funding change DHB-employed midwifery teams no longer submit claims to the Ministry of Health for the primary maternity services they provide. Coverage from July 2007 differs significantly by DHB of service.</p>
<b>Start date</b>	<p>NMDS information is complete from July 2000.</p> <p>Claims information is loaded from 1996 and is complete from July 2002.</p>
<b>Guide for use</b>	<p>Each pregnancy that results in the delivery of a live born baby or a stillborn baby of at least 20 weeks of gestation is uniquely identified in MAT through a combination of the woman's NHI number and delivery date. A woman is only assigned a unique pregnancy ID when a delivery is identified in at least one source system and a valid NHI number and full delivery date are known.</p> <p>Each live born baby is uniquely identified in MAT by NHI number.</p> <p>MAT does not contain details of stillborn babies, as most stillborn babies are not assigned a National Health Index (NHI) number at birth and are not reported to the NMDS. Information about stillbirths is included in the Mortality Collection.</p> <p>A link between mother and baby is present from January 2002 and becomes stable at 97% coverage from 2003.</p> <p>Health event information loaded from NMDS includes all maternity events in public hospitals, plus publicly-funded events in private hospitals and primary birthing units. All deliveries and births in these facilities have been reported to the Ministry of Health for the full time-period contained in MAT.</p> <p>Primary maternity services data quality is variable. The clinical meaning of claims must be inferred as the records in the source system relate to payment for a service rather than to a clinical treatment or event. An improvement in the quality of claims data is noted from July 2007.</p> <p>The changes to claim forms and claim rules resulting from the July 2002 and July 2007 revisions to the Section 88 Notice affect the scope of clinical information and primary maternity service modules in MAT. Users should interpret changes in trends of primary maternity service provision around these dates with care.</p>
<b>Contact information</b>	For further information about this collection or to request specific datasets or reports, contact the Ministry of Health Analytical Services team on ph: (04) 469 2000, fax (04) 816 2898, e-mail <a href="mailto:data-enquiries@moh.govt.nz">data-enquiries@moh.govt.nz</a> , or visit the Ministry of Health web site <a href="http://www.moh.govt.nz">www.moh.govt.nz</a> .

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<b>Collection methods</b>	<p>Primary maternity services information is reported to the Ministry of Health on standard forms by Lead Maternity Carers, GPs and specialists. This data is entered into the Ministry of Health maternity claims system. The data can also be submitted online via Online Maternity Claiming (OMC).</p> <p>Publicly-funded hospital event information is provided to the Ministry of Health in an agreed electronic file format for public and larger private hospitals. Paper forms and a cut-down electronic file format are forwarded by smaller private facilities and primary birthing units and are manually processed by the Ministry of Health.</p>
<b>Frequency of updates</b>	MAT receives weekly extracts from the NMDS, NHI and the Ministry of Health maternity claims system.
<b>Security of data</b>	<p>MAT is only accessed by authorised staff for maintenance, data quality, audit and analytical purposes.</p> <p>Requests for information can be made to the Analytical Services team using the contact information above.</p>
<b>Privacy issues</b>	<p>When a woman registers with a Lead Maternity Carer she signs a waiver that allows health data to be used for research under the Health Information Privacy Code 1994. The Ministry of Health is required to ensure that the release of information meets the conditions of any legislation related to the privacy of health information, in particular the Official Information Act 1982, the Privacy Act 1993, the Health Information Privacy Code 1994 and the Adult Adoption Information Act 1985.</p> <p>Information available to the general public is of a statistical and non-identifiable nature. Access to identifiable information is restricted. Adoption legislation places more rigorous restrictions on release of this information than standard health information privacy legislation. Each case for identifiable data release will be considered separately. In addition, researchers requiring identifiable data will usually need approval from an approved Ethics Committee.</p>
<b>National reports and publications</b>	MAT is the primary source of data for the Annual Report on Maternity produced by the Ministry of Health. This is available in hard copy and on the Ministry of Health web site <a href="http://www.moh.govt.nz">www.moh.govt.nz</a> . In addition Ministry of Health publishes selected provisional maternity data to facilitate planning and service reviews in a timely manner.
<b>Data provision</b>	<p>Customised datasets or summary reports are available on request, either electronically or on paper. Staff from the Ministry of Health Analytical Services team can help to define the specifications for a request and are familiar with the strengths and weaknesses of the data. As some data elements have been added or deleted, consistent time-series data may not be able to be provided.</p> <p>The Ministry of Health Analytical Services team also offers a peer review service to ensure that Ministry of Health data is reported appropriately when published by other organisations.</p> <p>There may be charges associated with data extracts.</p>

## MAT Birth table

<b>Table name</b>	dim_mat_birth
<b>Definition</b>	This table contains a record for each birth.
<b>Primary key</b>	dim_mat_birth_key
<b>Business key</b>	MAT birth key
<b>Guide for use</b>	
<b>Relational rules</b>	This table is linked to the following tables <ul style="list-style-type: none"><li>• MAT Pregnancy</li><li>• Fact MAT Aggregate Birth</li><li>• Fact MAT Aggregate Pregnancy</li></ul>
<b>Data content</b>	

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**Birth end date**

<b>Definition</b>	The end date of the baby perinatal period
<b>Column name</b>	birth_end_date
<b>Table name</b>	dim_mat_birth
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Date of birth + 92 days
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	This is the end of the period in which LMC services and hospital events are held for a baby in MAT
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Birth identified in BMM**

<b>Definition</b>	A flag indicating that the baby has been identified in the Baby Mother Mapping file
<b>Column name</b>	birth_identified_bmm
<b>Table name</b>	dim_mat_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	A
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	Data Management Services, MOH

**Birth identified in HBL**

<b>Definition</b>	A flag indicating that the baby has been identified in the HBL source system
<b>Column name</b>	birth_identified_hbl
<b>Table name</b>	dim_mat_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	A
<b>Data domain</b>	
<b>Guide for use</b>	HBL (Health Benefits Limited) is the legacy system in which Section 88 Claims data is housed until mid-2004.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Birth identified in NMDS**

<b>Definition</b>	A flag indicating that the baby has been identified in the NMDS and meets NMDS Birth Event criteria
<b>Column name</b>	birth_identified_nmd
<b>Table name</b>	dim_mat_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	A
<b>Data domain</b>	
<b>Guide for use</b>	Indicates baby was born in hospital or was subsequently admitted following non-hospital birth.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	



## ***Birth identified in ORD***

<b><i>Definition</i></b>	A flag indicating that the birth has been identified in the ORD (claims) system.
<b><i>Column name</i></b>	birth_identified_ord
<b><i>Table name</i></b>	dim_mat_birth
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	A
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	ORD (Operational Reporting Database) is the current system in which Section 88 Claims data is housed. ORD holds claims data from mid-2004 onwards.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

**Birth start date**

<b>Definition</b>	The start date of the baby perinatal period.
<b>Column name</b>	birth_start_date
<b>Table name</b>	dim_mat_birth
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Equal to birth date.
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	This is the start of the period in which LMC services and hospital events are held for a baby in MAT.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Date of birth**

<b>Definition</b>	Date of birth of the baby
<b>Column name</b>	date_of_birth
<b>Table name</b>	dim_mat_birth
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

***MAT birth key***

**Definition** Generated artificial key for the MAT Birth table

**Column name** dim\_mat\_birth\_key

**Table name** dim\_mat\_birth

**Data type** number(38)

**Other names**

**Context**

**Layout**

**Data domain**

**Guide for use** Uniquely identifies a baby in MAT. One to one relationship with NHI as each baby only in MAT once. Birth key can change upon MAT load so should not be used as the only unique identifier.

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

## ***MAT pregnancy key***

***Definition*** A unique key to identify a pregnancy

***Column name*** dim\_mat\_pregnancy\_key

***Table name*** dim\_mat\_birth

***Data type*** number(38)

***Other names***

***Context***

***Layout***

***Data domain***

***Guide for use*** Uniquely identifies a distinct pregnancy in MAT. May have a many-to-one relationship with NHI as a woman may have more than one pregnancy over time.

Pregnancy key is generated from NHI and delivery date but can change upon MAT load so should not be used as the only unique identifier.

Pregnancy key is held against all claim records and hospital events occurring within the pregnancy start date and pregnancy end date.

***Verification rules***

***Collection methods***

***Related data***

***Source document***

***Source organisation***

# MAT Claim Activity table

<b>Table name</b>	dim_mat_claim_activity
<b>Definition</b>	A reference table containing a list of claim activity codes and descriptions
<b>Primary key</b>	dim_mat_claim_activity_key
<b>Business key</b>	Activity Code
<b>Guide for use</b>	
<b>Relational rules</b>	
<b>Data content</b>	

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## **Activity Code**

<b>Definition</b>	Activity code is the concatenated service code and service item from Claims data.
<b>Column name</b>	activity_code
<b>Table name</b>	dim_mat_claim_activity
<b>Data type</b>	varchar2(5)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Activity code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	<p>Activity codes change at July 2007 where the Section 88 Notice was revised.</p> <p>Each claim module may generate multiple activities. An activity can be a service, a count or a record of clinical information.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Activity Description**

**Definition** Text description of Activity code.

**Column name** activity\_description

**Table name** dim\_mat\_claim\_activity

**Data type** varchar2(50)

**Other names**

**Context**

**Layout**

**Data domain** See the Activity code table on the Ministry of Health web site at <http://www.nzhis.govt.nz/moh.nsf/pagesns/47>. For further information contact Analytical Services.

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**



## MAT Claim Item Status table

<b>Table name</b>	dim_mat_claim_item_status
<b>Definition</b>	A reference table containing a list of claim status codes and item status codes including their descriptions
<b>Primary key</b>	dim_mat_claim_item_status
<b>Business key</b>	Claim status code Item status code
<b>Guide for use</b>	Used to identify and exclude claims that have not been accepted or paid.
<b>Relational rules</b>	
<b>Data content</b>	

---

**Claim status code**

<b>Definition</b>	The payment status code of the entire module claim.
<b>Column name</b>	claim_status_code
<b>Table name</b>	dim_mat_claim_item_status
<b>Data type</b>	varchar2(3)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Claim Item Status code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Claim status name**

**Definition** The payment status of the entire module claim.

**Column name** claim\_status\_name

**Table name** dim\_mat\_claim\_item\_status

**Data type** varchar2(20)

**Other names**

**Context**

**Layout**

**Data domain** See the Claim Item Status code table on the Ministry of Health web site at <http://www.nzhis.govt.nz/moh.nsf/pagesns/47>. For further information contact Analytical Services.

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

**Item status code**

<b>Definition</b>	The payment status code of items within the module claim.
<b>Column name</b>	item_status_code
<b>Table name</b>	dim_mat_claim_item_status
<b>Data type</b>	varchar2(3)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Claim Item Status code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Item status name**

<b>Definition</b>	The payment status of items within the module claim.
<b>Column name</b>	item_status_name
<b>Table name</b>	dim_mat_claim_item_status
<b>Data type</b>	varchar2(20)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Claim Item Status code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## MAT HBL Provider table

<b>Table name</b>	dim_mat_hbl_provider
<b>Definition</b>	A reference table containing provider information where the claim is held in the HBL legacy system.
<b>Primary key</b>	dim_mat_provider_type_key, dim_mat_provider_occ_key, provider_id, provider_type_id, dim_mat_hbl_provider_key
<b>Business key</b>	
<b>Guide for use</b>	Historic only (to 2004). Will not be updated.
<b>Relational rules</b>	
<b>Data content</b>	

---

## **Occupation ID**

**Definition** A unique identifier for the occupation of the provider.

**Column name** occupation\_id

**Table name** dim\_mat\_hbl\_provider

**Data type** varchar2(2)

**Other names**

**Context**

**Layout** AA

**Data domain**

AN	Anaesthetist
GP	General Practitioner
GO	GP Dip Obst
MW	Midwife
OB	Obstetrician
PD	Paediatrician
RD	Radiologist
XX	Other

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

## ***Provider ID***

### ***Definition***

<b><i>Column name</i></b>	provider_id
<b><i>Table name</i></b>	dim_mat_hbl_provider
<b><i>Data type</i></b>	varchar2(7)

### ***Other names***

### ***Context***

### ***Layout***

### ***Data domain***

### ***Guide for use***

### ***Verification rules***

### ***Collection methods***

### ***Related data***

### ***Source document***

### ***Source organisation***



## ***Provider status***

### ***Definition***

<b><i>Column name</i></b>	provider_status
<b><i>Table name</i></b>	dim_mat_hbl_provider
<b><i>Data type</i></b>	varchar2(2)

### ***Other names***

### ***Context***

### ***Layout***

### ***Data domain***

### ***Guide for use***

### ***Verification rules***

### ***Collection methods***

### ***Related data***

### ***Source document***

### ***Source organisation***

## ***Provider type ID***

### ***Definition***

<b><i>Column name</i></b>	provider_type_id
<b><i>Table name</i></b>	dim_mat_hbl_provider
<b><i>Data type</i></b>	varchar2(2)

### ***Other names***

### ***Context***

### ***Layout***

### ***Data domain***

### ***Guide for use***

### ***Verification rules***

### ***Collection methods***

### ***Related data***

### ***Source document***

### ***Source organisation***

## **MAT Pregnancy table**

<b>Table name</b>	dim_mat_pregnancy
<b>Definition</b>	This table contains a record for each unique pregnancy
<b>Primary key</b>	dim_mat_pregnancy_key
<b>Business key</b>	MAT pregnancy key
<b>Guide for use</b>	Pregnancy key is assigned on identification of a delivery in one or more source systems. Women who receive antenatal services but do not have delivery services or a known baby are not assigned a pregnancy key in MAT and can be identified in this table by HCU and a pregnancy key equal to zero.
<b>Relational rules</b>	This table is linked to the following tables <ul style="list-style-type: none"><li>• MAT Birth</li><li>• Fact MAT Aggregate Birth</li><li>• Fact MAT Aggregate Pregnancy</li></ul>

### **Data content**

---

## ***MAT pregnancy key***

**Definition** A unique key to identify a pregnancy

**Column name** dim\_mat\_pregnancy\_key

**Table name** dim\_mat\_pregnancy

**Data type** number(38)

**Other names**

**Context**

**Layout**

**Data domain**

**Guide for use** Uniquely identifies a distinct pregnancy in MAT. May have a many-to-one relationship with NHI as a woman may have more than one pregnancy over time.

Pregnancy key is generated from NHI and delivery date but can change upon MAT load so should not be used as the only unique identifier.

Pregnancy key is held against all claim records and hospital events occurring within the pregnancy start date and pregnancy end date.

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

## ***Pregnancy delivery date***

<b><i>Definition</i></b>	The actual delivery date of an identified pregnancy.
<b><i>Column name</i></b>	pregnancy_delivery_date
<b><i>Table name</i></b>	dim_mat_pregnancy
<b><i>Data type</i></b>	date
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	CCYYMMDD
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	Equal to baby date of birth.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	<p>Taken from baby date of birth where a link between mother and baby is present (includes where reported on the Section 88 Labour &amp; Birth claim module). Where this is not available, delivery date is taken to be the procedure date of a delivery procedure during the NMDS delivery event. Where this is not available, delivery date is defined as the NMDS delivery event event start date. (in order of priority).</p> <p>Delivery event is recalculated at each load, thus may change if a higher priority date source is loaded subsequently to a lower priority source.</p>
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

**Pregnancy end date**

<b>Definition</b>	The end date of the pregnancy (mother's) perinatal period
<b>Column name</b>	pregnancy_end_date
<b>Table name</b>	dim_mat_pregnancy
<b>Data type</b>	Date
<b>Other names</b>	
<b>Context</b>	Date of delivery + 42 days
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	This is the end of the period in which LMC services and hospital events are held for a pregnancy in MAT
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

***Pregnancy identified in BMM***

<b><i>Definition</i></b>	A flag indicating that the pregnancy has been identified in the Baby Mother Mapping file
<b><i>Column name</i></b>	pregnancy_identified_bmm
<b><i>Table name</i></b>	dim_mat_pregnancy
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	A
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

***Pregnancy identified in HBL***

<b><i>Definition</i></b>	A flag indicating that the pregnancy has been identified in the HBL source system
<b><i>Column name</i></b>	pregnancy_identified_hbl
<b><i>Table name</i></b>	dim_mat_pregnancy
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	A
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	HBL (Health Benefits Limited) is the legacy system in which Section 88 Claims data is housed until mid-2004.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	



## ***Pregnancy identified in NMDS***

<b><i>Definition</i></b>	A flag indicating that the pregnancy has been identified in the NMDS Data Mart
<b><i>Column name</i></b>	pregnancy_identified_nmd
<b><i>Table name</i></b>	dim_mat_pregnancy
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

## ***Pregnancy identified in ORD***

<b><i>Definition</i></b>	A flag indicating that the pregnancy has been identified in the ORD (claims) system.
<b><i>Column name</i></b>	pregnancy_identified_ord
<b><i>Table name</i></b>	dim_mat_pregnancy
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	ORD (Operational Reporting Database) is the current system in which Section 88 Claims data is housed. ORD holds claims data from mid-2004 onwards.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

## ***Pregnancy start date***

**Definition** The minimum start date of the pregnancy

**Column name** pregnancy\_start\_date

**Table name** dim\_mat\_pregnancy

**Data type** date

**Other names**

**Context** Delivery date – 308 days (44 weeks)

**Layout**

**Data domain**

**Guide for use** This is the minimum start date of the period in which LMC services and hospital events are held for a pregnancy in MAT.

Most pregnancies will have gestation periods less than 44 weeks however this date range ensures all antenatal services related to the current pregnancy are recorded.

Logic exists within MAT to manage distinct pregnancies with overlapping end and start dates. Where there is an overlap, priority is given for pregnancy end date. Because delivery date is known, the actual end date is equal to pregnancy end date in MAT (defined as 6 weeks following delivery). Actual start date (date of last menstrual period) may vary from pregnancy start date in MAT due to varying gestational periods at delivery.

For most women pregnancy start date will be 3-5 weeks earlier than last menstrual period date (LMP).

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

## **MAT Pregnancy Stage table**

**Table name** dim\_mat\_pregnancy\_stage

**Definition** A reference table containing a list of pregnancy stage codes and groupings.

**Primary key**

**Business key**

**Guide for use** Used for grouping LMC services occurring at each stage of a pregnancy – antenatal by trimester, delivery and postnatal. Not currently applied to NMDS events.

**Relational rules**

**Data content**

---

**Stage code**

<b>Definition</b>	A code classifying the stage of pregnancy
<b>Column name</b>	stage_code
<b>Table name</b>	dim_mat_pregnancy_stage
<b>Data type</b>	varchar2(5)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	A(5)
<b>Data domain</b>	See the Pregnancy Stage code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	The most granular stages - divides the antenatal period into trimesters, including aggregated second and third trimesters to enable consistent reporting over the 2002 and 2007 notice changes.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Stage description**

<b>Definition</b>	The description of the stage of pregnancy code
<b>Column name</b>	stage_description
<b>Table name</b>	dim_mat_pregnancy_stage
<b>Data type</b>	varchar2(20)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	X(20)
<b>Data domain</b>	See the Pregnancy Stage code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	The most granular stages - divides the antenatal period into trimesters, including aggregated second and third trimesters to enable consistent reporting over the 2002 and 2007 notice changes.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Stage group description**

<b>Definition</b>	A grouping of the pregnancy stages.
<b>Column name</b>	stage_group_description
<b>Table name</b>	dim_mat_pregnancy_stage
<b>Data type</b>	varchar2(20)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	X(20)
<b>Data domain</b>	See the Pregnancy Stage code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	Grouped up from stage, aggregates individual trimesters into th antenatal group.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **MAT Provider Category table**

**Table name** dim\_mat\_provider\_category

**Definition** A reference table containing a list of provider category codes and descriptions

**Primary key**

**Business key**

**Guide for use**

**Relational rules**

**Data content**

---



**Category code**

**Definition** A code classifying the type of maternity service provider

**Column name** category\_code

**Table name** dim\_mat\_provider\_category

**Data type** varchar2(5)

**Other names**

**Context**

**Layout** A(5)

**Data domain**

LMC	Lead Maternity Carer
NLMC	Non-Lead Maternity Carer
UNC	Unclassified
UNK	Unknown

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

**Category name**

**Definition** The description of the maternity provider classification

**Column name** category\_name

**Table name** dim\_mat\_provider\_category

**Data type** varchar2(30)

**Other names**

**Context**

**Layout** A(30)

**Data domain** Lead Maternity Carer  
Non-Lead Maternity Carer  
Unclassified  
Unknown

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

## **MAT Provider Occupation table**

**Table name** dim\_mat\_provider\_occupation

**Definition** A reference table containing a list of provider occupation codes and descriptions

**Primary key**

**Business key**

**Guide for use**

**Relational rules**

**Data content**

---

## **Occupation code**

<b>Definition</b>	A code representing the occupation of the provider
<b>Column name</b>	occupation_code
<b>Table name</b>	dim_mat_provider_occupation
<b>Data type</b>	varchar2(5)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	A(5)
<b>Data domain</b>	See the Provider Occupation code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Occupation name**

<b>Definition</b>	The description of the provider occupation
<b>Column name</b>	occupation_name
<b>Table name</b>	dim_mat_provider_occupation
<b>Data type</b>	varchar2(35)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	X(35)
<b>Data domain</b>	See the Provider Occupation code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services..
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## MAT Provider Type table

**Table name** dim\_mat\_provider\_type

**Definition** A reference table containing a list of provider type codes and descriptions

**Primary key**

**Business key**

**Guide for use**

**Relational rules**

**Data content**

---

**Type code**

<b>Definition</b>	A code representing the type of provider
<b>Column name</b>	type_code
<b>Table name</b>	dim_mat_provider_type
<b>Data type</b>	varchar2(5)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	A(5)
<b>Data domain</b>	CHE Crown Health Enterprise DC Dental Council MC Medical Council NC Nursing Council NHC North Health Contract ORG Organisation UNK Unknown WF College of Midwife

**Guide for use****Verification rules****Collection methods****Related data****Source document****Source organisation**

**Type name****Definition** The description of the provider type**Column name** type\_name**Table name** dim\_mat\_provider\_type**Data type** varchar2(30)**Other names****Context****Layout** A(30)**Data domain** Crown Health Enterprise  
Dental Council  
Medical Council  
Nursing Council  
North Health Contract  
Organisation  
Unknown  
College of Midwife**Guide for use****Verification rules****Collection methods****Related data****Source document****Source organisation**



## MAT Referral Reason table

<b>Table name</b>	dim_mat_referral_reason
<b>Definition</b>	A reference table containing a list of referral reason codes and descriptions
<b>Primary key</b>	
<b>Business key</b>	
<b>Guide for use</b>	Context:  Claim
<b>Relational rules</b>	
<b>Data content</b>	

---

**Level indicator****Definition****Column name** level\_ind**Table name** dim\_mat\_referral\_reason**Data type** varchar2(3)**Other names****Context****Layout****Data domain** See the Referral Reason code table on the Ministry of Health web site at <http://www.nzhis.govt.nz/moh.nsf/pagesns/47>. For further information contact Analytical Services.**Guide for use** HBL claims only**Verification rules****Collection methods****Related data****Source document****Source organisation**

**Reason code**

<b>Definition</b>	A code representing the referral reason
<b>Column name</b>	reason_code
<b>Table name</b>	dim_mat_referral_reason
<b>Data type</b>	varchar2(6)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Referral Reason code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## ***Reason description***

***Definition*** The description of the referral reason

***Column name*** reason\_description

***Table name*** dim\_mat\_referral\_reason

***Data type*** varchar2(256)

***Other names***

***Context***

***Layout***

***Data domain*** See the Referral Reason code table on the Ministry of Health web site at <http://www.nzhis.govt.nz/moh.nsf/pagesns/47>. For further information contact Analytical Services.

***Guide for use***

***Verification rules***

***Collection methods***

***Related data***

***Source document***

***Source organisation***

**Reason sub heading**

<b>Definition</b>	An adjunct of the referral reason
<b>Column name</b>	reason_sub_heading
<b>Table name</b>	dim_mat_referral_reason
<b>Data type</b>	varchar2(60)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Referral Reason code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	HBL claims only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## Severity

<b>Definition</b>	Severity adjunct of the referral reason
<b>Column name</b>	severity
<b>Table name</b>	dim_mat_referral_reason
<b>Data type</b>	varchar2(60)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Referral Reason code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	HBL claims only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Source system name**

**Definition** The source system of the reason code.

**Column name** source\_system\_name

**Table name** dim\_mat\_referral\_reason

**Data type** varchar2(30)

**Other names**

**Context**

**Layout**

**Data domain** See the Referral Reason code table on the Ministry of Health web site at <http://www.nzhis.govt.nz/moh.nsf/pagesns/47>. For further information contact Analytical Services.

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

## **MAT Service table**

<b>Table name</b>	dim_mat_service
<b>Definition</b>	A reference table containing a list of service codes and service groupings including their descriptions
<b>Primary key</b>	
<b>Business key</b>	
<b>Guide for use</b>	Service codes group claim modules and claim items into logical groups by the type of service provided.
<b>Relational rules</b>	
<b>Data content</b>	

---



**Service code**

<b>Definition</b>	A code representing the service provided
<b>Column name</b>	service_code
<b>Table name</b>	dim_mat_service
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Service code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Service description**

<b>Definition</b>	The description of the service provided
<b>Column name</b>	service_description
<b>Table name</b>	dim_mat_service
<b>Data type</b>	varchar2(30)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Service code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Service group**

<b>Definition</b>	A code representing a group of like services
<b>Column name</b>	service_group
<b>Table name</b>	dim_mat_service
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	See the Service code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## ***Service group description***

<b><i>Definition</i></b>	The description of the service group
<b><i>Column name</i></b>	service_group_description
<b><i>Table name</i></b>	dim_mat_service
<b><i>Data type</i></b>	varchar2(30)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	
<b><i>Data domain</i></b>	See the Service code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

## **MAT Source System table**

<b>Table name</b>	dim_mat_source_system
<b>Definition</b>	A reference table containing a list of source system codes and descriptions
<b>Primary key</b>	dim_mat_source_system_key
<b>Business key</b>	
<b>Guide for use</b>	Enables identification of the origin of MAT data within fields that are reported across several sources,
<b>Relational rules</b>	
<b>Data content</b>	

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**Source system description**

<b>Definition</b>	The description of the source system
<b>Column name</b>	source_system_description
<b>Table name</b>	dim_mat_source_system
<b>Data type</b>	varchar2(100)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	DIM HCU and Lookup Health Care User Data Management Service Baby Mother Mapping file HBL system NMD Data Mart ORD system Unknown
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Source system name**

<b>Definition</b>	The name of the source system
<b>Column name</b>	source_system_name
<b>Table name</b>	dim_mat_source_system
<b>Data type</b>	varchar2(30)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	HCU Baby Mother Mapping file HBL NMD Data Mart ORD UNK
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## Fact MAT Activity table

<b>Table name</b>	fact_mat_activity
<b>Definition</b>	This table contains details of all claims and hospital events for each pregnancy (woman) or birth (baby).
<b>Primary key</b>	N/a
<b>Business key</b>	
<b>Guide for use</b>	<p>This table includes services provided to women who do not get assigned a unique pregnancy key (are not known to deliver).</p> <p>Only selected claims fields are defined in this dictionary. Internally generated claim system fields (payment related) and fields sourced directly from NMDS are not defined.</p> <p>A list of hospital admissions fields is given in Appendix H. See the NMDS data dictionary for full descriptions.</p>
<b>Relational rules</b>	
<b>Data content</b>	

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**Anaesthetic service name**

<b>Definition</b>	Anaesthetic service name
<b>Column name</b>	clm_anaesthetic_service_name
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(30)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**ASA status**

<b>Definition</b>	A classification code indicating the mother's physical condition	
<b>Column name</b>	clm_asa_status	
<b>Table name</b>	fact_mat_activity	
<b>Data type</b>	varchar2(1)	
<b>Other names</b>		
<b>Context</b>	Claim	
<b>Layout</b>		
<b>Data domain</b>	1	Normal healthy woman with no systemic disease
	2	Woman with mild systemic disease which is well controlled with or without medication
	3	A woman with severe systemic disease which limits activity but is not incapacitating. (e.g. NYHA grade 3 cardiac lesions). All insulin dependent diabetics and with severely reduced respiratory function. Woman with severe pre-eclampsia requiring heavy sedation, blood pressure control, and extra monitoring.
	4	Woman with incapacitating disease which is a threat of life. This is rare and would include NYHA grade 4 cardiac lesions (also eclampics requiring intensive monitoring on heavy sedation). A very serious ante partum haemorrhage might fall into this category.
	5	Women who are expected to die in 24 hours with or without surgery. (Extremely rare).
<b>Guide for use</b>	Ends June 2007	
<b>Verification rules</b>		
<b>Collection methods</b>		
<b>Related data</b>		
<b>Source document</b>		
<b>Source organisation</b>		

**Baby condition**

<b>Definition</b>	A code indicating the condition of the baby at birth	
<b>Column name</b>	clm_baby_condition	
<b>Table name</b>	fact_mat_activity	
<b>Data type</b>	varchar2(8)	
<b>Other names</b>		
<b>Context</b>	Claim	
<b>Layout</b>		
<b>Data domain</b>	LB	Live born
	NS	Referred to neonatal (or referred to secondary care)
	ND	Neonatal death
	SB	Stillborn
	WB	Well baby (live born)/Primary post natal care
<b>Guide for use</b>		
<b>Verification rules</b>		
<b>Collection methods</b>	Reported via LMC claims The reporting of stillbirths and neonatal deaths is not verified and should not be used in analysis. Refer to the Mortality Collection for robust reporting of fetal & infant deaths.	
<b>Related data</b>		
<b>Source document</b>		
<b>Source organisation</b>		

**Baby transfer care identifier**

<b>Definition</b>	A flag indicating transfer of the baby's care
<b>Column name</b>	clm_baby_transfer_care_flag
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	A
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Body mass index**

<b>Definition</b>	Body mass index
<b>Column name</b>	clm_body_mass_index
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	Calculated from reported height & weight.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Claim code**

<b>Definition</b>	The code that identifies the service under which a fee may be claimed.
<b>Column name</b>	clm_claim_code
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(6)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	See the Claim Codes table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Claim period from**

<b>Definition</b>	The start date of the claim period
<b>Column name</b>	clm_claim_period_from
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Claim period to**

**Definition** The end date of the claim period.

**Column name** clm\_claim\_period\_to

**Table name** fact\_mat\_activity

**Data type** date

**Other names**

**Context** Claim

**Layout** CCYYMMDD

**Data domain**

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**



**Date of baby discharge**

<b>Definition</b>	The date the baby was discharged from the care of the Lead Maternity Carer
<b>Column name</b>	clm_date_baby_discharge
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	Usually 5-6 weeks from date of birth.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Date of baby transfer**

**Definition** Date baby transferred to secondary care

**Column name** clm\_date\_baby\_transfer

**Table name** fact\_mat\_activity

**Data type** date

**Other names**

**Context** Claim

**Layout**

**Data domain**

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

**Date baby transferred to WCC**

**Definition** Date when baby was transferred to Well Child Carer (WCC)

**Column name** clm\_date\_baby\_transferred\_to

**Table name** fact\_mat\_activity

**Data type** date

**Other names**

**Context** Claim

**Layout**

**Data domain**

**Guide for use** Date on which LMC referred the baby to Well Child services

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

***Date labour established***

<b><i>Definition</i></b>	The date that labour was established
<b><i>Column name</i></b>	clm_date_labour_established
<b><i>Table name</i></b>	fact_mat_activity
<b><i>Data type</i></b>	date
<b><i>Other names</i></b>	
<b><i>Context</i></b>	Claim
<b><i>Layout</i></b>	CCYYMMDD
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

**Date of referral to GP**

<b>Definition</b>	Date of referral to GP
<b>Column name</b>	clm_date_of_referral_to_gp
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	Date on which LMC referred the mother & baby to the GP (notification made at discharge from LMC care – not a true referral).
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Date of service**

<b>Definition</b>	The date on which a claim service was provided
<b>Column name</b>	clm_date_of_service
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	For use as the main date field for Claims data
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Delivery type**

<b>Definition</b>	The manner in which the baby was born.
<b>Column name</b>	clm_delivery_type
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(2)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	AA
<b>Data domain</b>	VA Normal Vaginal Delivery OV Operative Vaginal Delivery CS Caesarean Section
<b>Guide for use</b>	Not well reported. Delivery type in Fact Mat Aggregated Pregnancy should be used in preference to this field.
<b>Verification rules</b>	None
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Derived LMP date**

<b>Definition</b>	The first estimated or actual date of the beginning of the woman's last menstrual period
<b>Column name</b>	clm_derived_imp_date
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	



**Epidural provider**

<b>Definition</b>	Epidural provider
<b>Column name</b>	clm_epidural_provider
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(3)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	CHE N/A PUB PUR    CHE / Contracted PVT    Private
<b>Guide for use</b>	Not used.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## ***Epidural usage flag***

### ***Definition***

***Column name*** clm\_epidural\_usage\_flag

***Table name*** fact\_mat\_activity

***Data type*** varchar2(1)

### ***Other names***

***Context*** Claim

***Layout*** A

### ***Data domain***

***Guide for use*** Not well reported. Epidural flag in Fact Mat Aggregated Pregnancy should be used in preference to this field.

### ***Verification rules***

### ***Collection methods***

### ***Related data***

### ***Source document***

### ***Source organisation***

## **Exceptional circumstances**

<b>Definition</b>	A code indicating services were provided due to an exceptional circumstance
<b>Column name</b>	clm_exceptional_circumstances
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	9
<b>Data domain</b>	6 Transfer to Secondary Maternity 48 hours prior to Established Labour 7 Urgent non-LMC assistance to Rural LMC 8 Ambulance Transfer
<b>Guide for use</b>	Ends June 2007
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## ***Expected delivery date***

### ***Definition***

<b><i>Column name</i></b>	clm_expected_delivery_date
<b><i>Table name</i></b>	fact_mat_activity
<b><i>Data type</i></b>	date
<b><i>Other names</i></b>	Estimated delivery date, EDD
<b><i>Context</i></b>	Claim
<b><i>Layout</i></b>	CCYYMMDD
<b><i>Data domain</i></b>	The date a woman is expected to delivery if the pregnancy is carried to term. Calculated from last menstrual period date by the LMC.
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	Partial dates accepted
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	LMP
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

**First trimester**

<b>Definition</b>	A flag indicating the claim was for services in the first trimester of pregnancy
<b>Column name</b>	clm_first_trimester
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	Y N
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Gravida**

<b>Definition</b>	The total number of pregnancies a woman has experienced, including the current one. For example, a woman who has had one prior pregnancy and is currently pregnant is designated gravida 2.
<b>Column name</b>	clm_gravida
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	Number
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	NN
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Height**

<b>Definition</b>	The height of the mother
<b>Column name</b>	clm_height
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	NNN
<b>Data domain</b>	Value in centimetres
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**LMC discharge date**

<b>Definition</b>	The date the woman/caregiver was discharged from LMC care. .
<b>Column name</b>	clm_lmc_discharge_date
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	Date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	



**LMP date**

<b>Definition</b>	Date of the woman's last menstrual period
<b>Column name</b>	clm_imp_date
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	Date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Maternity fee code**

<b>Definition</b>	The 3 to 5 character code for the fee being claimed
<b>Column name</b>	clm_maternity_fee_code
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	See the Maternity Fee code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Maternity service code**

<b>Definition</b>	The 2 character code that identifies the service under which a fee may be claimed.
<b>Column name</b>	clm_maternity_service_code
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(2)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	XX
<b>Data domain</b>	See the Maternity Service code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.

**Guide for use****Verification rules****Collection methods****Related data****Source document****Source organisation**

## **Medical emergency**

<b>Definition</b>	A flag indicating whether the Single Service Episode claim was an emergency
<b>Column name</b>	clm_medical_emergency
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	A
<b>Data domain</b>	Y N
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	Type 4 SSE Claim
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Module end reason****Definition** A code indicating the reason for a module of care being ended**Column name** clm\_module\_end\_reason**Table name** fact\_mat\_activity**Data type** number**Other names****Context** Claim**Layout**

<b>Data domain</b>	1	Start of Next Module
	2	Woman moved away from area
	3	Change of Maternity Provider
	4	Spontaneous Abortion / IUD (Miscarriage)
	5	Legal Abortion (Termination)
	6	Maternal Death
	7	No reason given
	8	Transferred to Secondary Care
	9	LMC Care Completed
	10	Transferred to LMC Care
	11	Change of PHO practice

**Guide for use** Codes 6 & 7 not submitted after June 2007**Verification rules****Collection methods****Related data****Source document****Source organisation**

**Mother condition**

**Definition** A code representing the condition of the mother following birth

**Column name** clm\_mother\_condition

**Table name** fact\_mat\_activity

**Data type** varchar2(2)

**Other names**

**Context** Claim

**Layout** AA

**Data domain** PP Primary Post Natal Care  
SC Secondary / Tertiary Care  
MD Maternal Death

**Guide for use** Ends June 2007

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

**Non LMC and emergency scan****Definition****Column name** clm\_non\_lmc\_and\_emergency\_sca**Table name** fact\_mat\_activity**Data type** varchar2(1)**Other names****Context** Claim**Layout** A**Data domain** Y  
N**Guide for use****Verification rules****Collection methods****Related data****Source document****Source organisation**

## ***Normal urgent pregnancy consultation***

### ***Definition***

***Column name*** clm\_normal\_urgent\_pregnancy\_c

***Table name*** fact\_mat\_activity

***Data type*** varchar2(1)

### ***Other names***

***Context*** Claim

***Layout*** N

***Data domain*** 1-5

### ***Guide for use***

### ***Verification rules***

### ***Collection methods***

### ***Related data***

### ***Source document***

### ***Source organisation***



## **Number of visits**

<b>Definition</b>	Number of service provider visits reported for the claim module
<b>Column name</b>	clm_number_of_visits
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	number(38)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	Depending on the claim module and notice, number of visits corresponds to the following data domains: <ul style="list-style-type: none"><li>- Number of Midwife Home visits</li><li>- Number of Postnatal Inpatient Visits</li><li>- Number of 2nd and 3rd Trimester Visits</li><li>- Number of 1st Trimester Visits</li><li>- Number of 2nd Trimester Visits</li><li>- Number of 3rd Trimester Visits</li></ul>
<b>Guide for use</b>	Use with Claim code to determine module
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Parity**

<b>Definition</b>	Parity is the number of previous pregnancies that resulted in live births or stillbirths (counting twins or multiple births as one).
<b>Column name</b>	clm_parity
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Practitioner registration**

<b>Definition</b>	The registration number assigned to the <a href="#">practitioner</a> providing the service by either the Medical Council of New Zealand or the Midwifery Council of New Zealand.
<b>Column name</b>	clm_practitioner_registration
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	The Midwifery Council number is to be shown in full including hyphens e.g. 15-12345.
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Practitioner type**

<b>Definition</b>	Service provider type
<b>Column name</b>	clm_practitioner_type
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(2)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	W (i.e. Midwifery council of NZ) N (i.e. Nursing council of NZ) M (i.e. NZ Medical Council)
<b>Guide for use</b>	Currently assumed to be Nursing Council unless MCNZ is appended to Provider Id on the claim form
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Provider type of LMC service**

<b>Definition</b>	Provider type of LMC service
<b>Column name</b>	clm_provider_type_lmc_service
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(3)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Provider type of midwifery service**

<b>Definition</b>	Provider type midwifery service
<b>Column name</b>	clm_provider_type_midwifery_s
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(3)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**RVG code**

<b>Definition</b>	Relative Value Guide code														
<b>Column name</b>	clm_rvg_code														
<b>Table name</b>	fact_mat_activity														
<b>Data type</b>	varchar2(5)														
<b>Other names</b>															
<b>Context</b>	Claim														
<b>Layout</b>															
<b>Data domain</b>	<table> <tr> <td>01</td> <td>Obstetric Standby</td> </tr> <tr> <td>02</td> <td>Obstetric vaginal procedures</td> </tr> <tr> <td>03</td> <td>Obstetric epidural pain relief</td> </tr> <tr> <td>04</td> <td>Cesarean Section Ectopic Pregnancy</td> </tr> <tr> <td>05</td> <td>Evacuation of uterus (post partum or miscarriage)</td> </tr> <tr> <td>06</td> <td>Vaginal birth with General Anaesthetic</td> </tr> <tr> <td>C2(0)</td> <td>Obstetric anaesthetic consultation before labour</td> </tr> </table>	01	Obstetric Standby	02	Obstetric vaginal procedures	03	Obstetric epidural pain relief	04	Cesarean Section Ectopic Pregnancy	05	Evacuation of uterus (post partum or miscarriage)	06	Vaginal birth with General Anaesthetic	C2(0)	Obstetric anaesthetic consultation before labour
01	Obstetric Standby														
02	Obstetric vaginal procedures														
03	Obstetric epidural pain relief														
04	Cesarean Section Ectopic Pregnancy														
05	Evacuation of uterus (post partum or miscarriage)														
06	Vaginal birth with General Anaesthetic														
C2(0)	Obstetric anaesthetic consultation before labour														
<b>Guide for use</b>	Ends June 2007														
<b>Verification rules</b>															
<b>Collection methods</b>															
<b>Related data</b>															
<b>Source document</b>															
<b>Source organisation</b>															

**Scan for mother or baby**

<b>Definition</b>	Indicates for an ultrasound event whether the scan was performed for the baby or the mother/pregnancy in general
<b>Column name</b>	clm_scan_for_mother_or_baby
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(6)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	Distinguishes between ultrasound scans concerning the health of the fetus, and those concerning the health of the pregnancy and/or mother.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	



**Second trimester start date**

<b>Definition</b>	Start date of the second trimester where the second trimester is the period from the beginning of 15th week until end of 28th week after LMP.
<b>Column name</b>	clm_second_trimstr_start_date
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Service for**

<b>Definition</b>	A flag that indicates the recipient of the service
<b>Column name</b>	clm_service_for
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	A
<b>Data domain</b>	M Mother B Baby C Caregiver
<b>Guide for use</b>	
<b>Verification rules</b>	Caregiver is valid only for Registration and LMC Postnatal claims. Baby is valid only for Non-LMC Urgent Postnatal and Specialist Paediatrician claims.
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## **Specialist type**

<b>Definition</b>	The type of specialist where specialist service was provided
<b>Column name</b>	clm_specialist_type
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(20)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	Obstetrician Anaesthetist Paediatrician
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Third trimester start date**

<b>Definition</b>	The start date of the third trimester where the third trimester is the period from the beginning of 29th week from LMP until Date labour established
<b>Column name</b>	clm_third_trimstr_start_date
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

***Time labour established***

<b><i>Definition</i></b>	The time that labour was established
<b><i>Column name</i></b>	clm_time_labour_established
<b><i>Table name</i></b>	fact_mat_activity
<b><i>Data type</i></b>	varchar2(10)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	Claim
<b><i>Layout</i></b>	HHMM
<b><i>Data domain</i></b>	24 hour time e.g. established labour at 8:50pm would be submitted as 2050.
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

**Time of service**

<b>Definition</b>	The time at which a claim service was provided
<b>Column name</b>	clm_time_of_service
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(4)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	HHMM
<b>Data domain</b>	24 hour time e.g. 8:50pm would be submitted as 2050.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Transfer during labour**

**Definition** A flag indicating transfer to secondary care during labour

**Column name** clm\_transfer\_during\_labour

**Table name** fact\_mat\_activity

**Data type** varchar2(1)

**Other names**

**Context** Claim

**Layout** A

**Data domain** Y  
N

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

## ***Transfer secondary identifier***

### ***Definition***

***Column name*** clm\_transfer\_secondary\_flag

***Table name*** fact\_mat\_activity

***Data type*** varchar2(1)

### ***Other names***

***Context*** Claim

### ***Layout***

### ***Data domain***

### ***Guide for use***

### ***Verification rules***

### ***Collection methods***

### ***Related data***

### ***Source document***

### ***Source organisation***



## **Unregistered woman**

<b>Definition</b>	A flag indicating the Single Service Episode claim is being made for a woman who is not registered with a Lead Maternity Carer
<b>Column name</b>	clm_unregistered_woman
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	A
<b>Data domain</b>	Y N
<b>Guide for use</b>	Note: this field is distinct from 'Unregistered Woman at Delivery' in the Fact MAT Aggregate Pregnancy table
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Weight**

<b>Definition</b>	Weight of mother at registration
<b>Column name</b>	clm_weight
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	
<b>Data domain</b>	Value in kilograms
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Woman away from usual area**

<b>Definition</b>	A flag indicating that the woman receiving LMC/specialist services is away from usual area of domicile
<b>Column name</b>	clm_woman_away_from_usual_are
<b>Table name</b>	fact_mat_activity
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Claim
<b>Layout</b>	A
<b>Data domain</b>	Y N
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## Fact MAT Aggregate Birth table

**Table name** fact\_mat\_agg\_birth

**Definition**

**Primary key** dim\_mat\_birth\_key

**Business key** MAT birth key

**Guide for use** Context:

Baby.Demographics  
Baby.Birth  
Baby.Postnatal

**Relational rules**

**Data content**

---

**Admission to ICU in baby admission flag**

<b>Definition</b>	A flag indicating whether the baby was admitted to ICU during any postnatal admission within 92 days of birth.
<b>Column name</b>	icu_admit_in_baby_admit_flag
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Baby.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	1 Null
<b>Guide for use</b>	Refer to the field definition for Total intensive care unit (ICU) hours in the NMDS data Dictionary.
<b>Verification rules</b>	
<b>Collection methods</b>	Flagged where ICU hours is not null.
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Admission to ICU in birth event flag**

<b>Definition</b>	A flag indicating whether the baby was admitted to ICU during during birth event.
<b>Column name</b>	icu_admit_in_birth_event_flag
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Baby. Postnatal
<b>Layout</b>	A
<b>Data domain</b>	1 Null
<b>Guide for use</b>	Refer to the field definition for Total intensive care unit (ICU) hours in the NMDS data Dictionary.

**Verification rules**

**Collection methods** Flagged where ICU hours is not null.

**Related data****Source document**

**Source organisation** MOH

## ***Apgar score after 5 minutes***

<b><i>Definition</i></b>	The numerical score from 0 to 10 used to evaluate an infant's condition at five minutes after birth.
<b><i>Column name</i></b>	apgar_score_after_5_minutes
<b><i>Table name</i></b>	fact_mat_agg_birth
<b><i>Data type</i></b>	number(5)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	Baby.Birth
<b><i>Layout</i></b>	N
<b><i>Data domain</i></b>	0-10
<b><i>Guide for use</i></b>	<p>Apgar scores range from 0 to 10, and indicate the physical health of a newborn infant, determined after examination of the adequacy of respiration, hear action, muscle tone, skin colour and reflexes.</p> <p>'0' indicates stillborn and '10' indicates a fully health and reactive baby.</p>
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	Collected via Claims so only available for LMC attended births
<b><i>Related data</i></b>	Baby birth status
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	MOH

## ***Baby admissions count***

<b><i>Definition</i></b>	The total number of postnatal admissions that a baby has within 92 days of birth.
<b><i>Column name</i></b>	baby_admissions_count
<b><i>Table name</i></b>	fact_mat_agg_birth
<b><i>Data type</i></b>	number
<b><i>Other names</i></b>	Postnatal admission
<b><i>Context</i></b>	Baby.Postnatal
<b><i>Layout</i></b>	9999
<b><i>Data domain</i></b>	0001 - 9999
<b><i>Guide for use</i></b>	Number of NMDS events excluding birth event where event start date is within 92 days of birth. Includes transfers between facilities.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	MOH



## **Baby birth status**

<b>Definition</b>	A flag indicating whether the baby was live or stillborn.
<b>Column name</b>	baby_birth_status
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(8)
<b>Other names</b>	
<b>Context</b>	Baby.Birth
<b>Layout</b>	A
<b>Data domain</b>	'L' = Liveborn 'S' = Stillborn
<b>Guide for use</b>	<p>Livebirth has been given no legal definition in New Zealand, but in practice the definition recommended by the World Health Organization may be deemed to apply.</p> <p>The World Health Organization definition of a livebirth is: 'The complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy, which after such separation, breathes or shows other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. Each product of such a birth is considered liveborn.</p>
<b>Verification rules</b>	Not verified. Stillborn babies are generally not included in MAT. Refer to the Mortality Collection for robust reporting of fetal deaths.
<b>Collection methods</b>	Sourced from NMDS (birth status) and LMC Labour & Birth Claim Liveborn/Stillborn tickbox. Where birth is in NMDS, birth status can be presumed to be Liveborn as only liveborn babies are given an NMDS record.
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Baby date of birth**

<b>Definition</b>	The date of birth of the baby.
<b>Column name</b>	baby_date_of_birth
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	date
<b>Other names</b>	DOB, HCU date of birth, and Birth date
<b>Context</b>	Baby.Demographics
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	Valid dates
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Baby DHB**

<b>Definition</b>	The district health board of the baby's residential address at the time of delivery.
<b>Column name</b>	baby_dhb
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(64)
<b>Other names</b>	Health agency code, DHB Code
<b>Context</b>	Baby.Demographics
<b>Layout</b>	XXXX
<b>Data domain</b>	See the Agency code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	Historically, also known as CHE (Crown Health Enterprise), HHS (Hospitals and Health Services) and AHB (Area Health Board).
<b>Verification rules</b>	Must be a valid code in the code table.
<b>Collection methods</b>	Derived from Baby domicile
<b>Related data</b>	Baby domicile
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Baby domicile**

<b>Definition</b>	The domicile of the baby's residential address at the time of delivery.
<b>Column name</b>	baby_domicile
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(4)
<b>Other names</b>	
<b>Context</b>	Baby.Demographics
<b>Layout</b>	XXXX
<b>Data domain</b>	See the Domicile code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	Domicile code in the Aggregated Birth table is derived from one of three sources in order of priority (NMDS birth event, LMC registration claim, NHI)
<b>Verification rules</b>	Must be a valid code in the Domicile code table.
<b>Collection methods</b>	Sourced from the baby birth NMDS record, the LMC Labour & Birth Claim or the NHI Register at time of birth, in order of priority.
<b>Related data</b>	Baby TLA Mother domicile
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Baby domicile source**

**Definition** The system from which the baby's domicile was sourced.

**Column name** baby\_domicile\_source

**Table name** fact\_mat\_agg\_birth

**Data type** number(1)

**Other names**

**Context** Baby.Demographics

**Layout** N

**Data domain**  
1 = NMDS  
2 = LMC Claim  
3 = NHI Register at time of birth

**Guide for use**

**Verification rules**

**Collection methods**

**Related data** Mother domicile source

**Source document**

**Source organisation** MOH

## **Baby ethnic group**

<b>Definition</b>	Baby prioritised ethnicity grouped to Level 1
<b>Column name</b>	baby_ethnic_group
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(20)
<b>Other names</b>	Ethnicity
<b>Context</b>	Baby.Demographics
<b>Layout</b>	NN
<b>Data domain</b>	1 (European) 2 (Maori) 3 (Pacific Peoples) 4 (Asian)5 (MELAA) 6 (Other) 9 (Residual Categories)
<b>Guide for use</b>	<p>A social group whose members have one or more of the following four characteristics:</p> <ul style="list-style-type: none"> <li>- they share a sense of common origins</li> <li>- they claim a common and distinctive history and destiny</li> <li>- they possess one or more dimensions of collective cultural individuality</li> <li>- they feel a sense of unique collective solidarity.</li> </ul> <p>Because ethnicity is self-identified, it can change over time. This is why MOH collects ethnicity information for each health event, rather than relying on the data in the National Health Index (which does not include historical data).</p> <p>Refer to Appendix G: Collection of Ethnicity Data for further details.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from ethnic codes reported to NMDS birth and postnatal events, LMC Labour & Birth claims and NHI at time of birth. The 3 highest priority ethnic codes that reach a threshold proportion are stored in the Aggregated Birth table.
<b>Related data</b>	Baby prioritised ethnicity Baby ethnicity code 2 Baby ethnicity code 3
<b>Source document</b>	Smith, Anthony. 1981. The Ethnic Revival. Cambridge University Press
<b>Source organisation</b>	Statistics NZ

## **Baby ethnicity code 2**

<b>Definition</b>	Refer to Baby ethnic group for details.
<b>Column name</b>	baby_ethnicity_code2
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(2)
<b>Other names</b>	Ethnicity 2
<b>Context</b>	Baby.Demographics
<b>Layout</b>	99
<b>Data domain</b>	See the Level 2 ethnic codes table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	Baby ethnicity code 2 is optional. Baby ethnicity code 2 cannot be the same as Baby ethnicity code 1 or 3. Must be a valid code in the Ethnic code table.
<b>Collection methods</b>	Derived from ethnic codes reported to NMDS birth and postnatal events, LMC Labour & Birth claims and NHI at time of birth. The 3 highest priority ethnic codes that reach a threshold proportion are stored in the Aggregated Birth table.
<b>Related data</b>	Baby prioritised ethnicity Baby ethnicity group Baby ethnicity code 3
<b>Source document</b>	Smith, Anthony. 1981. The Ethnic Revival. Cambridge University Press
<b>Source organisation</b>	Statistics NZ

### **Baby ethnicity code 3**

<b>Definition</b>	Refer to Baby ethnic group for details.
<b>Column name</b>	baby_ethnicity_code3
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(2)
<b>Other names</b>	Ethnicity3
<b>Context</b>	Baby.Demographics
<b>Layout</b>	99
<b>Data domain</b>	See the Level 2 ethnic codes table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	
<b>Verification rules</b>	Baby ethnicity code 3 is optional. Baby ethnicity code 3 cannot be the same as Baby ethnicity code 2 or 1.
<b>Collection methods</b>	Derived from ethnic codes reported to NMDS birth and postnatal events, LMC Labour & Birth claims and NHI at time of birth. The 3 highest priority ethnic codes that reach a threshold proportion are stored in the Aggregated Birth table.
<b>Related data</b>	Baby prioritised ethnicity Baby ethnicity code 2 Baby ethnicity group
<b>Source document</b>	Smith, Anthony. 1981. The Ethnic Revival. Cambridge University Press
<b>Source organisation</b>	Statistics NZ



**Baby financial year of birth**

<b>Definition</b>	The financial year of birth of the baby.
<b>Column name</b>	baby_financial_year_of_birth
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(5)
<b>Other names</b>	
<b>Context</b>	Baby.Demographics
<b>Layout</b>	YY-YY
<b>Data domain</b>	Financial year derived from Baby date of birth
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from Baby date of birth
<b>Related data</b>	Baby date of birth
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Baby NZ deprivation decile**

<b>Definition</b>	The NZ deprivation score of the baby's residential address at the time of delivery.
<b>Column name</b>	baby_nz_deprivation_decile
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	number(2)
<b>Other names</b>	
<b>Context</b>	Baby.Demographics
<b>Layout</b>	NN
<b>Data domain</b>	1 (least deprived) to 10 (most deprived).
<b>Guide for use</b>	Mapped from domicile code.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Baby domicile
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Baby NZ deprivation quintile**

<b>Definition</b>	The NZ deprivation quintile of the Baby's mother residential address at the time of delivery.
<b>Column name</b>	baby_nz_deprivation_quintile
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	number(1)
<b>Other names</b>	New Zealand Index of Deprivation
<b>Context</b>	Baby.Demographics
<b>Layout</b>	9
<b>Data domain</b>	1 - Baby NZ deprivation decile in (1,2) 2 - Baby NZ deprivation decile in (3,4) 3 - Baby NZ deprivation decile in (5,6) 4 - Baby NZ deprivation decile in (7,8) 5 - Baby NZ deprivation decile in (9,10)
<b>Guide for use</b>	Mapped from domicile code.
<b>Verification rules</b>	
<b>Collection methods</b>	Derive from Baby NZ deprivation decile
<b>Related data</b>	Baby NZ deprivation decile
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Baby NZ resident flag**

<b>Definition</b>	The NZ residency status of the baby at the time of birth.
<b>Column name</b>	baby_nz_resident_flag
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	HCU resident status, Residency, Resident status, HCU NZ resident status
<b>Context</b>	Baby.Demographics
<b>Layout</b>	
<b>Data domain</b>	'Y' = Permanent resident (New Zealand citizen or classified as 'ordinarily resident in New Zealand') 'N' = Temporary (not a New Zealand citizen, does not have New Zealand 'ordinarily resident' status)
<b>Guide for use</b>	A permanent resident is defined as a person who: <ul style="list-style-type: none"> <li>- resides in New Zealand and</li> <li>- is not a person to whom Section 7 of the Immigration Act 1987 applies or a person obliged by or pursuant to that Act to leave New Zealand immediately or within a specified time or deemed for the purposes of that Act to be in New Zealand unlawfully.</li> </ul>
<b>Verification rules</b>	
<b>Collection methods</b>	Sourced from NHI
<b>Related data</b>	
<b>Source document</b>	Immigration Act 1987
<b>Source organisation</b>	

## ***Baby prioritised ethnicity***

<b>Definition</b>	Baby prioritised ethnicity to level 2 at the time of birth.
<b>Column name</b>	baby_prioritised_ethnicity
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(2)
<b>Other names</b>	Ethnicity
<b>Context</b>	Baby.Demographics
<b>Layout</b>	NN
<b>Data domain</b>	See the Level 2 ethnic code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	<p>A social group whose members have one or more of the following four characteristics:</p> <ul style="list-style-type: none"> <li>- they share a sense of common origins</li> <li>- they claim a common and distinctive history and destiny</li> <li>- they possess one or more dimensions of collective cultural individuality</li> <li>- they feel a sense of unique collective solidarity.</li> </ul> <p>Because ethnicity is self-identified, it can change over time. This is why MOH derives ethnicity from source systems at the time of birth, rather than relying on the data in the National Health Index (which does not include historical data).</p>
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from ethnic codes reported to NMDS birth and postnatal events, LMC Labour & Birth claims and NHI at time of birth. The 3 highest priority ethnic codes that reach a threshold proportion are stored in the Aggregated Birth table.
<b>Related data</b>	Baby ethnicity group Baby ethnicity code 2 Baby ethnicity code 3
<b>Source document</b>	
<b>Source organisation</b>	Statistics NZ

**Baby sex**

<b>Definition</b>	The sex of the baby.
<b>Column name</b>	baby_sex
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Sex type code
<b>Context</b>	Baby.Demographics
<b>Layout</b>	A
<b>Data domain</b>	M- Male F- Female U- Unknown I- Indeterminate
<b>Guide for use</b>	'I' codes are for use in cases, usually newborns, where it is not possible to determine the sex of the baby.  The term sex refers to the biological differences between males and females, while the term gender refers to a person's cultural role (masculine or feminine).
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Baby TLA**

<b>Definition</b>	The territorial local authority of the baby's residential address at the time of delivery.
<b>Column name</b>	baby_tla
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(64)
<b>Other names</b>	
<b>Context</b>	Baby.Demographics
<b>Layout</b>	
<b>Data domain</b>	See the TLA code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services..
<b>Guide for use</b>	The TLA of domicile roughly equates to local council boundaries. Populated from 1988.  Derived from domicile code.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Baby domicile
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Baby year of birth**

<b>Definition</b>	The year of birth of the baby.
<b>Column name</b>	baby_year_of_birth
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	number(4)
<b>Other names</b>	
<b>Context</b>	Baby.Demographics
<b>Layout</b>	CCYY
<b>Data domain</b>	Calendar year
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from Baby date of birth
<b>Related data</b>	Baby date of birth
<b>Source document</b>	
<b>Source organisation</b>	MOH



## **Birthweight**

<b>Definition</b>	Weight of the infant at time of birth, in grams.
<b>Column name</b>	birthweight
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(5)
<b>Other names</b>	Birth weight
<b>Context</b>	Baby.Birth
<b>Layout</b>	NNNN
<b>Data domain</b>	Value in grams
<b>Guide for use</b>	This is usually measured to the nearest 5g and obtained within one hour of birth.
<b>Verification rules</b>	
<b>Collection methods</b>	Sourced from NMDS (subject to verification rules) and from LMC Labour and Birth Claims (not subject to verification rules). Birthweights outside of 0001-9999 (and negative values) are defaulted to null in the Aggregated Birth table, but are available as reported in the Activity table.
<b>Related data</b>	Birthweight group Low birthweight flag High birthweight flag
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Birthweight group**

<b>Definition</b>	The group into which the baby's birth weight falls.
<b>Column name</b>	birthweight_group
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(15)
<b>Other names</b>	Weight Group
<b>Context</b>	Baby.Birth
<b>Layout</b>	
<b>Data domain</b>	Grouped from Birthweight: Less than 1000g 1000-1499 1500-1999 2000-2499 2500-2999 3000-3499 3500-3999 4000-4499 4500 and over
<b>Guide for use</b>	For weight grouping or bracketing reports  Note, some default values (9000, 9999) may be grouped into the above categories.
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from Birthweight
<b>Related data</b>	Birthweight
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Breastfeed 2 weeks code**

<b>Definition</b>	A code indicating the breastfeeding status of the baby at 2 weeks.
<b>Column name</b>	breastfeed_2_weeks_code
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	Baby.Postnatal
<b>Layout</b>	
<b>Data domain</b>	Exclusive Fully Partial Artificial Not reported
<b>Guide for use</b>	Infant breastfeeding status at two weeks of age as reported by LMCs providing postnatal services.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Breastfeed LMC discharge status
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Breastfeed LMC discharge status**

<b>Definition</b>	The breastfeeding status of the baby at discharge from LMC care.
<b>Column name</b>	breastfeed_lmc_dischrge_status
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	Baby.Postnatal
<b>Layout</b>	
<b>Data domain</b>	Exclusive Fully Partial Artificial Not reported
<b>Guide for use</b>	Infant breastfeeding status at discharge from LMC care as reported by LMC providing postnatal services.  Discharge from LMC care is the agreed date of transfer from the LMC to a Well Child Carer and is normally four to six weeks following birth.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Breastfeed 2 weeks code
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **CPAP during baby admission flag**

<b>Definition</b>	A flag indicating whether the baby was administered continuous positive airway pressure (CPAP) during any postnatal admission within 92 days of birth.
<b>Column name</b>	cpap_during_baby_admit_flag
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Baby.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	1 or Null
<b>Guide for use</b>	Refer to the field definition for Total hours on continuous positive airway pressure in the NMDS Data Dictionary
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Mechanical ventilation in baby admission flag
<b>Source document</b>	
<b>Source organisation</b>	MOH

## Gestational age

<b>Definition</b>	The gestational age of the baby (duration of pregnancy in completed weeks), at birth.
<b>Column name</b>	gestational_age
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(5)
<b>Other names</b>	Gestation period
<b>Context</b>	Baby.Birth
<b>Layout</b>	XX
<b>Data domain</b>	Completed weeks of pregnancy.  10 - 50 completed weeks
<b>Guide for use</b>	Calculated from the date of the first day of a woman's last menstrual period and her infant's date of birth, or derived from clinical assessment during pregnancy, or derived from an examination of the infant after birth.
<b>Verification rules</b>	Gestational ages outside 10-50 weeks are defaulted to null in the Aggregated Birth table, but are available as reported in the Activity table.
<b>Collection methods</b>	Sourced from NMDS as reported on the Baby's record, where null calculated from the mother's LMP date and baby date of birth as reported via Claims.
<b>Related data</b>	Baby date of birth Last menstrual period date
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Gestational age group**

<b>Definition</b>	The gestational age group of the baby at birth.
<b>Column name</b>	gestational_age_group
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(15)
<b>Other names</b>	
<b>Context</b>	Baby.Birth
<b>Layout</b>	
<b>Data domain</b>	Grouped from Gestational age: Less than 20 20-23 24-27 28-31 32-36 37-41 42 43 and over
<b>Guide for use</b>	For gestational grouping or bracketing reports
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from Gestational age
<b>Related data</b>	Gestational age
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **High birthweight flag**

<b>Definition</b>	A flag indicating a high birthweight (that is, above 4499g).
<b>Column name</b>	high_birthweight_flag
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Baby.Birth
<b>Layout</b>	
<b>Data domain</b>	1 if Birthweight > 4499 N if Birthweight <= 4499
<b>Guide for use</b>	For weight grouping or bracketing reports.
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from Birthweight  Calculation of full term babies or live births with a high birth-weight.
<b>Related data</b>	Birthweight
<b>Source document</b>	
<b>Source organisation</b>	MOH



**Low birthweight flag**

<b>Definition</b>	A flag indicating a low birthweight (that is, below 2500g).
<b>Column name</b>	low_birthweight_flag
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Birthweight, low Birthweight, very low Birthweight, extremely low
<b>Context</b>	Baby.Birth
<b>Layout</b>	
<b>Data domain</b>	1 if Birthweight < 2500 N if Birthweight >= 2500
<b>Guide for use</b>	For weight grouping or bracketing reports.
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from Birthweight.  Calculation of full term babies or live births with a low birth-weight
<b>Related data</b>	Birthweight
<b>Source document</b>	
<b>Source organisation</b>	MOH

***MAT birth key***

<b><i>Definition</i></b>	Generated artificial key for the MAT Birth table. Unique identifier of a baby in the Aggregated Birth table derived from birth date and NHI.
<b><i>Column name</i></b>	dim_mat_birth_key
<b><i>Table name</i></b>	fact_mat_agg_birth
<b><i>Data type</i></b>	number
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

## ***MAT pregnancy key***

***Definition*** Generated artificial key for the MAT Pregnancy table. Unique identifier of a pregnancy in the Aggregated Birth table derived from delivery date and mother NHI.

Presence of Pregnancy key in Birth table enables linking of a baby to mother.

***Column name*** dim\_mat\_pregnancy\_key

***Table name*** fact\_mat\_agg\_birth

***Data type*** number

***Other names***

***Context***

***Layout***

***Data domain***

***Guide for use***

***Verification rules***

***Collection methods***

***Related data***

***Source document***

***Source organisation***

## ***Mechanical ventilation in baby admission flag***

<b>Definition</b>	A flag indicating whether the baby was placed on mechanical ventilation during any postnatal admission
<b>Column name</b>	mechvent_in_baby_admit_flag
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Continuous positive airway pressure (CPAP)
<b>Context</b>	Baby.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	1 or Null
<b>Guide for use</b>	Refer to the field definition for Total hours on mechanical ventilation in the NMDS data Dictionary.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	CPAP during baby admission flag
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Non-LMC urgent postnatal contacts count**

<b>Definition</b>	The number of urgent non-LMC contacts that a baby has within 92 days of birth.
<b>Column name</b>	non_lmc_urg_postnat_cont_count
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Baby.Postnatal
<b>Layout</b>	
<b>Data domain</b>	0001 - 9999
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Claim code
<b>Source document</b>	
<b>Source organisation</b>	MOH

## ***Perinatal postnatal admission count***

<b><i>Definition</i></b>	The number of postnatal admissions that a baby has within 92 days of birth where principal diagnosis in ICD-10-AM is in Chapter XVI 'Certain conditions originating in the perinatal period'.
<b><i>Column name</i></b>	perinat_postnat_admit_count
<b><i>Table name</i></b>	fact_mat_agg_birth
<b><i>Data type</i></b>	number
<b><i>Other names</i></b>	
<b><i>Context</i></b>	Baby.Postnatal
<b><i>Layout</i></b>	
<b><i>Data domain</i></b>	0001 - 9999
<b><i>Guide for use</i></b>	Where diagnosis type is A (principal diagnosis) and clinical code in ICD-10-AM is between P000 and P969
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	MOH

**Preterm flag**

<b>Definition</b>	A flag indicating whether the baby was born prior to 37 completed weeks of gestation.
<b>Column name</b>	preterm_flag
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Baby.Birth
<b>Layout</b>	A
<b>Data domain</b>	1 if Gestational age < 37 Null if Gestational age ≥ 37
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from Gestational age
<b>Related data</b>	Gestational age
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Specialist paediatric consultation count**

<b>Definition</b>	The number of times a baby was referred for specialist paediatric services.
<b>Column name</b>	specialist_paed_consult_count
<b>Table name</b>	fact_mat_agg_birth
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Baby.Postnatal
<b>Layout</b>	
<b>Data domain</b>	0001 - 9999
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Claim code
<b>Source document</b>	
<b>Source organisation</b>	MOH



## Fact MAT Aggregate Pregnancy table

<b>Table name</b>	fact_mat_agg_pregnancy
<b>Definition</b>	
<b>Primary key</b>	dim_mat_pregnancy_key
<b>Business key</b>	
<b>Guide for use</b>	Context  Pregnancy.Demographics Pregnancy.Antenatal Pregnancy.Labour&Delivery Pregnancy.Postnatal
<b>Relational rules</b>	
<b>Data content</b>	

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**Amniocentesis flag**

<b>Definition</b>	A flag indicating amniocentesis was performed during a pregnancy.
<b>Column name</b>	amniocentesis_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Ends June 2007
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Antenatal admission count**

<b>Definition</b>	The total number of hospital events during the antenatal period of a pregnancy excluding the delivery event.
<b>Column name</b>	antenatal_admits_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	N
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	Total antenatal admissions may include more than one admission for the same woman, and includes transfers between facilities but excludes transfers within facilities.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Assisted breech flag**

<b>Definition</b>	A flag indicating a type of assisted birth where the birth of a baby is by the buttocks or lower limbs first rather than the head, where assistance, forceps or otherwise is required.
<b>Column name</b>	assisted_breech_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Assisted vaginal birth
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Derived from ICD-10-AM delivery procedure code reported to NMDS.  A woman may have more than one delivery type.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised Delivery Type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Augmentation flag**

<b>Definition</b>	A flag indicating whether the woman received medical or surgical augmentation of labour following onset of labour, during an NMDS delivery event.
<b>Column name</b>	augmentation_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Delivery-Related Procedures
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	
<b>Data domain</b>	Y Null
<b>Guide for use</b>	Augmentation is identified by selected ICD-10-AM obstetric procedure codes present on the delivery event.  A woman may have more than one obstetric procedure to assist delivery.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Birth at home flag**

<b>Definition</b>	A flag indicating a birth that took place in a person's home and not in a maternity facility or birthing unit; or a birth where the management of the labour starts at home and there is a documented plan to give birth at home
<b>Column name</b>	birth_at_home_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	Ends June 2007
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Birth unit services claim flag**

<b>Definition</b>	A flag indicating whether birth unit services were claimed
<b>Column name</b>	birth_unit_services_claim_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Incomplete
<b>Verification rules</b>	
<b>Collection methods</b>	Claims
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Blood transfusion flag**

<b>Definition</b>	A flag indicating whether the woman received a blood transfusion during the delivery event.
<b>Column name</b>	blood_transfusion_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	Blood transfusion is identified by selected ICD-10-AM transfusion procedure codes present on the delivery event.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



**BMI at first LMC registration**

<b>Definition</b>	The body mass index (BMI) of a woman at the time of first LMC registration for a given pregnancy.
<b>Column name</b>	bmi_at_first_lmc_registration
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	NN
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	From July 2007
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Height Weight
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Breech extraction flag**

<b>Definition</b>	A flag indicating a type of assisted birth where the birth of a baby is by the buttocks or lower limbs first rather than the head, where extraction, including forceps to aftercoming head, or otherwise, is required
<b>Column name</b>	breech_extraction_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Assisted vaginal birth
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Derived from ICD-10-AM delivery procedure code reported to NMDS.  A woman may have more than one delivery type reported.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised delivery type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Changed LMC post delivery flag**

<b>Definition</b>	A flag indicating whether the woman changed LMC following delivery.
<b>Column name</b>	changed_lmc_post_delivery_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Chorionic villous sample flag**

<b>Definition</b>	A flag indicating chorionic villus sampling (CVS) was performed during a pregnancy.
<b>Column name</b>	chorionic_villous_sample_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Ends June 2007
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Cigarettes at 2 weeks code**

<b>Definition</b>	A code indicating the number of cigarettes a woman smoked 2 weeks following delivery.
<b>Column name</b>	cigs_at_2_weeks_code
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(2)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	L = Less than 10 M = 10 - 20 H = More than 20 Null
<b>Guide for use</b>	As reported to the LMC. Only collected for women who receive LMC postnatal services.  From July 2007
<b>Verification rules</b>	
<b>Collection methods</b>	Claim
<b>Related data</b>	Smoking status at 2 weeks flag
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Cigarettes at first LMC registration count**

<b>Definition</b>	A code indicating the number of cigarettes reported smoked, per day, at the time of first LMC registration for a given pregnancy..
<b>Column name</b>	cigs_first_lmc_reg_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(5)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	L = Less than 10 M = 10 - 20 H = More than 20 Null
<b>Guide for use</b>	As reported to the LMC. Only collected for women who register with an LMC.  From July 2007
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Smoking status at first LMC registration
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Counselling tobacco use flag**

<b>Definition</b>	A flag indicating whether counselling for tobacco use was reported on the NMDS delivery event
<b>Column name</b>	counselling_tobacco_use_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	Only well reported from 2008/09.
<b>Verification rules</b>	
<b>Collection methods</b>	Collected from diagnosis codes present on the delivery event record. Only available for women delivering in hospital.
<b>Related data</b>	Current tobacco use flag
<b>Source document</b>	
<b>Source organisation</b>	

**Current tobacco use flag**

<b>Definition</b>	A flag indicating whether a mother was identified as a current tobacco user during the delivery admission.
<b>Column name</b>	current_tobacco_use_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	Only well reported from 2008/09.
<b>Verification rules</b>	
<b>Collection methods</b>	Collected from diagnosis codes present on the delivery event record. Only available for women delivering in hospital.
<b>Related data</b>	Counselling tobacco use flag
<b>Source document</b>	
<b>Source organisation</b>	



**Degree of tear**

<b>Definition</b>	A flag indicating whether the woman sustained a perineal tear and if so, the degree of tear, during an NMDS delivery event.
<b>Column name</b>	degree_of_tear
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(15)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	X(15)
<b>Data domain</b>	First Second Third Fourth Unspecified Null
<b>Guide for use</b>	<p>Degree of perineal tear is identified by selected ICD-10-AM diagnosis codes present on the delivery event.</p> <p>A woman may have more than one degree of tear reported, where this is the case, the most severe tear is flagged.</p> <p>NMDS delivery events only, all others default to Null.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Episiotomy flag Surgical repair of tear flag
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Delivery date**

<b>Definition</b>	The actual date on which the delivery took place.
<b>Column name</b>	delivery_date
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	With Mother's NHI number this forms a unique identifier for a pregnancy.
<b>Verification rules</b>	
<b>Collection methods</b>	Delivery date is the baby's date of birth where a link between mother and baby is available. Where no mother-baby match is found, delivery date is defined as the NMDS delivery procedure date.
<b>Related data</b>	Baby date of birth
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Delivery financial year**

<b>Definition</b>	The financial year in which the delivery took place.
<b>Column name</b>	delivery_financial_year
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(5)
<b>Other names</b>	
<b>Context</b>	Pregnancy. Labour&Delivery
<b>Layout</b>	YY-YY
<b>Data domain</b>	Financial year derived from Delivery date.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Delivery outcome**

<b>Definition</b>	The outcome of the delivery for this pregnancy.
<b>Column name</b>	delivery_outcome
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(50)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	X(50)
<b>Data domain</b>	<ul style="list-style-type: none"> <li>Single live birth</li> <li>Single stillbirth</li> <li>Twins (liveborn)</li> <li>Twins (live and stillborn)</li> <li>Twins (stillborn)</li> <li>Other multiple births (liveborn)</li> <li>Other multiple births (live and stillborn)</li> <li>Other multiple births (stillborn)</li> <li>Not stated</li> </ul>
<b>Guide for use</b>	Reported via LMC claims and via NMDS diagnosis codes (ICD-10-AM 'Z37'). The reporting of stillbirths is not verified and should not be used in analysis. Refer to the Mortality Collection for robust reporting of fetal deaths.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Delivery year**

<b>Definition</b>	The calendar year in which the mother's delivery occurred.
<b>Column name</b>	delivery_year
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number(4)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	CCYY
<b>Data domain</b>	Calendar year
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Elective Caesarean flag**

<b>Definition</b>	A flag indicating that a Caesarean was performed as a planned procedure before or after the onset of labour, when the decision was made before the commencement of labour.
<b>Column name</b>	elective_caesarean_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Derived from ICD-10-AM delivery procedure code reported to NMDS.  A woman may have more than one delivery type.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised delivery type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Emergency Caesarean flag**

<b>Definition</b>	A flag indicating that a Caesarean was performed as an emergency procedure before or after the onset of labour
<b>Column name</b>	emergency_caesarean_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Acute caesarean section
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Derived from ICD-10-AM delivery procedure code reported to NMDS.  A woman may have more than one delivery type.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised Delivery Type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Epidural flag**

<b>Definition</b>	A flag indicating whether the woman received an epidural during an NMDS delivery event.
<b>Column name</b>	epidural_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Delivery-Related Procedures
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	<p>Epidural is identified by selected ICD-10-AM procedure codes present on the delivery event.</p> <p>A woman may have more than one obstetric procedure to assist delivery.</p> <p>NMDS delivery events only.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



**Episiotomy flag**

<b>Definition</b>	A flag indicating whether the woman received an episiotomy during an NMDS delivery event.
<b>Column name</b>	episiotomy_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Delivery-Related Procedures
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Episiotomy is identified by selected ICD-10-AM procedure codes present on the delivery event.  A woman may have more than one obstetric procedure to assist delivery.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Estimated delivery date**

<b>Definition</b>	The date calculated by the LMC as the woman's expected date of delivery (EDD) for a pregnancy.
<b>Column name</b>	estimated_delivery_date
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	date
<b>Other names</b>	Expected Delivery Date , EDD
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	Sourced from Claims only, may be a partial date (month and year only)
<b>Related data</b>	Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Failed forceps flag**

<b>Definition</b>	A flag indicating that forceps were used during the delivery but were not the final means of delivery.
<b>Column name</b>	failed_forceps_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Assisted vaginal birth
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Failed forceps is identified by selected ICD-10-AM procedure codes present on the delivery event.  A woman may have more than one obstetric procedure to assist delivery.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised delivery type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Failed vacuum flag**

<b>Definition</b>	A flag indicating that a vacuum (ventouse) extraction was used during an NMDS delivery event but was not the final means of delivery
<b>Column name</b>	failed_vacuum_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Assisted vaginal birth
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Failed vacuum is identified by selected ICD-10-AM procedure codes present on the delivery event.  A woman may have more than one obstetric procedure to assist delivery.  NMDS delivery events only.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised delivery type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

## ***False labour flag***

<b><i>Definition</i></b>	A flag reporting whether the woman was admitted to hospital with false labour during the pregnancy.
<b><i>Column name</i></b>	false_labour_flag
<b><i>Table name</i></b>	fact_mat_agg_pregnancy
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	Pregnancy.Antenatal
<b><i>Layout</i></b>	A
<b><i>Data domain</i></b>	Y or Null
<b><i>Guide for use</i></b>	False labour is identified by selected ICD-10-AM obstetric diagnosis codes present on any antenatal event.  Reported via NMDS antenatal events only.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	MOH

**First LMC date registered**

<b>Definition</b>	The date on which the woman first registered with an LMC.
<b>Column name</b>	first_lmc_reg_date
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	Includes antenatal and postnatal first registrations.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	First LMC year registered LMC type at first LMC registration Trimester of first LMC registration
<b>Source document</b>	
<b>Source organisation</b>	MOH

**First LMC year registered**

<b>Definition</b>	The year in which the woman first registered with an LMC.
<b>Column name</b>	first_lmc_reg_year
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number(4)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	CCYY
<b>Data domain</b>	Calendar year
<b>Guide for use</b>	Derived from First LMC date registered
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	First LMC date registered
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Foetal blood sampling flag**

<b>Definition</b>	A flag indicating foetal blood sampling (FBS) was performed during a pregnancy.
<b>Column name</b>	foetal_blood_sampling_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Ends June 2007
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



**Forceps and vacuum flag**

**Definition** A flag indicating an assisted birth that required the use of both forceps and vacuum extraction

**Column name** forceps\_and\_vacuum\_flag

**Table name** fact\_mat\_agg\_pregnancy

**Data type** varchar2(1)

**Other names** Assisted vaginal birth

**Context** Pregnancy.Labour&Delivery

**Layout**

**Data domain** Y or Null

**Guide for use** Derived from ICD-10-AM delivery procedure codes reported to NMDS.

A woman may have more than one delivery type.

NMDS delivery events only

**Verification rules****Collection methods**

**Related data** Prioritised delivery type  
Delivery type

**Source document**

**Source organisation** MOH

**Forceps flag**

<b>Definition</b>	A flag indicating an assisted birth that required the use of forceps.
<b>Column name</b>	forceps_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Assisted vaginal birth
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Derived from ICD-10-AM delivery procedure codes reported to NMDS.  A woman may have more than one delivery type.  NMDS delivery events only.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised delivery type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **General anaesthesia for caesarean flag**

<b>Definition</b>	A flag indicating whether the woman received a general anaesthesia and a caesarean section during an NMDS delivery event.
<b>Column name</b>	general_anaes_for_caesar_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	<p>General anaesthesia and caesarean section are identified by selected ICD-10-AM procedure codes present on the delivery event.</p> <p>A woman may have more than one obstetric procedure to assist delivery.</p> <p>NMDS delivery events only</p>
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	<p>Emergency caesarean flag</p> <p>Elective caesarean flag</p>
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Gestational diabetes flag**

<b>Definition</b>	A flag reporting whether the woman was identified as having gestational diabetes during any antenatal hospital event or at delivery.
<b>Column name</b>	gestational_diabetes_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Gestational diabetes is identified by selected ICD-10-AM obstetric diagnosis codes present on any antenatal or delivery event.  Reported via NMDS antenatal and delivery events.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**GP notified flag**

<b>Definition</b>	A flag indicating whether the woman's GP was notified of the birth at the time of LMC discharge.
<b>Column name</b>	gp_notified_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	With consent of the mother, the GP is notified of the birth and subsequent LMC discharge at the end of postnatal LMC care.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Gravida count**

<b>Definition</b>	The number of this pregnancy for a woman
<b>Column name</b>	gravida_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	NN
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	<p>The total number of pregnancies a woman has experienced, including the current one. For example, a woman who has had one prior pregnancy and is currently pregnant is designated a gravida of 2.</p> <p>This number should include all previous pregnancies including unsuccessful pregnancies and stillbirths. However this number is self-reported and may not be accurate, since the woman may not wish to disclose the full number.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	Sourced from Claims only.
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Homebirth supplies and service claim flag**

<b>Definition</b>	A flag indicating whether the LMC claimed for homebirth supplies and services (as part of the Labour and Birth module).
<b>Column name</b>	homebirth_supl_serv_claim_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Birth at home flag
<b>Source document</b>	
<b>Source organisation</b>	MOH

**ICU admission during delivery flag**

<b>Definition</b>	A flag indicating whether the woman was admitted to an intensive care unit (ICU) during the delivery event.
<b>Column name</b>	icu_admit_during_delivery_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	1 or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	Refer to the field definition for Total intensive care unit (ICU) hours in the NMDS data Dictionary.
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



**ICU during antenatal admission flag**

<b>Definition</b>	A flag indicating the woman has been admitted to an intensive care unit (ICU) during an antenatal hospital event.
<b>Column name</b>	icu_during_antenat_admit_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	Refer to the field definition for Total intensive care unit (ICU) hours in the NMDS data Dictionary.
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**ICU during postnatal admission flag**

<b>Definition</b>	A flag indicating whether the woman was admitted to an intensive care unit (ICU) during any postnatal event.
<b>Column name</b>	icu_during_postnat_admit_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	Refer to the field definition for Total intensive care unit (ICU) hours in the NMDS data Dictionary.
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Identifier of first registered LMC**

<b>Definition</b>	The registration number of the LMC the woman was registered with at first registration.
<b>Column name</b>	lmc_ident_at_first_lmc_reg
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(50)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	The provider code of the LMC.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Identifier of LMC registered at delivery**

<b>Definition</b>	The registration number of the LMC the woman was registered with at the time of delivery.
<b>Column name</b>	lmc_ident_reg_at_delivery
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(50)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	The provider code of the LMC.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Induction flag**

<b>Definition</b>	A flag indicating whether the woman received a medical or surgical induction of labour during an NMDS delivery event.
<b>Column name</b>	induction_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Delivery-Related Procedures
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	<p>Induction is identified by selected ICD-10-AM obstetric procedure codes present on the delivery event.</p> <p>Excludes inductions performed during antenatal events (i.e where delivery does not occur), thus may be an undercount of the number of inductions performed.</p> <p>A woman may have more than one obstetric procedure to assist delivery.</p> <p>NMDS delivery events only</p>
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Last menstrual period date**

<b>Definition</b>	The date reported at the first LMC registration as the woman's last menstrual period (LMP).
<b>Column name</b>	last_menstrual_period_date
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	date
<b>Other names</b>	LMP date, LMP
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Live births count**

<b>Definition</b>	The number of live births resulting from this delivery.
<b>Column name</b>	live_births_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	X(10)
<b>Data domain</b>	1, 2, 3, ...or Not Stated
<b>Guide for use</b>	Derived from Delivery outcome
<b>Verification rules</b>	Reported via LMC claims and via NMDS diagnosis codes (ICD-10-AM 'Z37'). The reporting of stillbirths is not verified and should not be used in analysis. Refer to the Mortality Collection for robust reporting of fetal deaths.
<b>Collection methods</b>	
<b>Related data</b>	Delivery outcome
<b>Source document</b>	
<b>Source organisation</b>	MOH

**LMC 1st trimester contacts count**

<b>Definition</b>	The number of visits made by the lead maternity carer in the first trimester.
<b>Column name</b>	lmc_1st_trimester_cont_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	Reported from July 2007.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



**LMC 2nd 3rd trimester contacts count**

<b>Definition</b>	The number of visits made by the lead maternity carer in the combined second and third trimesters.
<b>Column name</b>	lmc_2nd_3rd_trimester_cont_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	Sum of LMC 2nd trimester contacts count and LMC 3rd trimester contacts count
<b>Guide for use</b>	This field enables time series reporting of number of LMC contacts across the time periods covered by both the 2002 and 2007 Notices.
<b>Verification rules</b>	
<b>Collection methods</b>	To June 2007 (2002 Notice) this was reported as a single number of LMC contacts over both trimesters.  From July 2007 (2007 Notice) this is an aggregated value of LMC 2nd and 3rd trimester contacts counts.
<b>Related data</b>	LMC 2nd trimester contacts count LMC 3rd trimester contacts count
<b>Source document</b>	
<b>Source organisation</b>	MOH

**LMC 2nd trimester contacts count**

<b>Definition</b>	The number of visits made by the lead maternity carer in the second trimester.
<b>Column name</b>	lmc_2nd_trimester_cont_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	From July 2007.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**LMC 3rd trimester contacts count**

<b>Definition</b>	The number of visits made by the lead maternity carer in the third trimester.
<b>Column name</b>	lmc_3rd_trimester_cont_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	From July 2007.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**LMC antenatal contacts count**

<b>Definition</b>	The total number of visits made by the lead maternity carer over the pregnancy.
<b>Column name</b>	lmc_antenatal_cont_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	<p>Note, this field does not report consistent data over time.</p> <p>To June 2007 (2002 Notice) this is an aggregated value of LMC second and third trimester contacts as first trimester contacts could not be reported.</p> <p>From July 2007 (2007 Notice) this is an aggregated value of LMC first, second and third trimester contacts counts.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from LMC trimester counts
<b>Related data</b>	LMC 1st trimester contacts count LMC 2nd trimester contacts count LMC 3rd trimester contacts count
<b>Source document</b>	
<b>Source organisation</b>	MOH

**LMC contacts count**

<b>Definition</b>	Total postnatal LMC contacts reported.
<b>Column name</b>	lmc_contacts_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	
<b>Data domain</b>	The sum of LMC inpatient visits count and Midwifery home visits count
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	LMC inpatient visits count Midwifery home visits count
<b>Source document</b>	
<b>Source organisation</b>	MOH

**LMC inpatient visits count**

<b>Definition</b>	The number of postnatal LMC inpatient visits reported.
<b>Column name</b>	lmc_inpatient_visits_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH

**LMC present at delivery flag**

<b>Definition</b>	A flag indicating that the woman's LMC was in attendance at the delivery.
<b>Column name</b>	lmc_present_at_delivery_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	Null where no LMC Labour & Birth Claim
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**LMC registrations count**

<b>Definition</b>	The total number of LMC registrations that are recorded for a pregnancy.
<b>Column name</b>	lmc_regs_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	Includes first registration and any changes of registration submitted during both the antenatal and postnatal periods.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



**LMC type at first LMC registration**

<b>Definition</b>	The provider type of LMC that the pregnant woman is registered with at first registration.	
<b>Column name</b>	lmc_type_at_first_lmc_reg	
<b>Table name</b>	fact_mat_agg_pregnancy	
<b>Data type</b>	varchar2(5)	
<b>Other names</b>		
<b>Context</b>	Pregnancy.Antenatal	
<b>Layout</b>	X(5)	
<b>Data domain</b>	MWF	Midwife
	GP	GP
	OBS	Obstetrician
	UNK	Other/Unknown LMC type
<b>Guide for use</b>		
<b>Verification rules</b>		
<b>Collection methods</b>		
<b>Related data</b>	First LMC registration date	
<b>Source document</b>		
<b>Source organisation</b>	MOH	

**LMC type registered with at delivery**

<b>Definition</b>	The provider type of LMC that the woman was registered with at the time of delivery.	
<b>Column name</b>	lmc_type_reg_at_delivery	
<b>Table name</b>	fact_mat_agg_pregnancy	
<b>Data type</b>	varchar2(10)	
<b>Other names</b>		
<b>Context</b>	Pregnancy.Labour&Delivery	
<b>Layout</b>	X(10)	
<b>Data domain</b>	MWF	Midwife
	GP	GP
	OBS	Obstetrician
	UNK	Other/Unknown LMC type
<b>Guide for use</b>		
<b>Verification rules</b>		
<b>Collection methods</b>		
<b>Related data</b>		
<b>Source document</b>		
<b>Source organisation</b>	MOH	

**Manual removal of placenta flag**

<b>Definition</b>	A flag indicating whether the woman had manual removal of placenta during an NMDS delivery event.
<b>Column name</b>	manual_removal_placenta_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Delivery-Related Procedures
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	<p>Manual removal of placenta is identified by selected ICD-10-AM obstetric procedure codes present on the delivery event.</p> <p>A woman may have more than one obstetric procedure to assist delivery.</p> <p>NMDS delivery events only.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## ***MAT pregnancy key***

<b><i>Definition</i></b>	Generated artificial key for the MAT Pregnancy table. Unique identifier of a pregnancy in the Aggregated Pregnancy table derived from delivery date and NHI
<b><i>Column name</i></b>	dim_mat_pregnancy_key
<b><i>Table name</i></b>	fact_mat_agg_pregnancy
<b><i>Data type</i></b>	number
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	Generated on load, may change for a woman where either NHI or delivery date are updated.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

***Mechanical ventilation in antenatal admission flag***

<b><i>Definition</i></b>	A flag indicating whether the woman was placed on mechanical ventilation during any antenatal event.
<b><i>Column name</i></b>	mechvent_in_antemat_admit_flag
<b><i>Table name</i></b>	fact_mat_agg_pregnancy
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	A
<b><i>Data domain</i></b>	Y or Null
<b><i>Guide for use</i></b>	Where NMDS Hours of Mechanical Ventilation is not null.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	

**Mechanical ventilation in postnatal admission flag**

<b>Definition</b>	A flag indicating whether the woman was placed on mechanical ventilation during any postnatal event
<b>Column name</b>	mechvent_in_postnat_admit_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	continuous positive airway pressure
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Where NMDS Hours of Mechanical Ventilation is not null.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Midwifery home visits count**

<b>Definition</b>	The number of postnatal LMC home visits reported
<b>Column name</b>	midwifery_home_visits_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Mother age**

<b>Definition</b>	The age of the mother (rounded down to a whole year) at the time of delivery.
<b>Column name</b>	mother_age
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy. Demographics
<b>Layout</b>	NN
<b>Data domain</b>	00 - 99 00 is default value if mother's age is not known
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



**Mother age group**

**Definition** The age group of the mother at the time of delivery.

**Column name** mother\_age\_group

**Table name** fact\_mat\_agg\_pregnancy

**Data type** varchar2(15)

**Other names**

**Context** Pregnancy.  
Demographics

**Layout** NN

**Data domain** Less than 16  
16-19  
20-24  
25-29  
30-34  
35-39  
40-44  
45 and over  
Not stated

**Guide for use**

**Verification rules**

**Collection methods**

**Related data** Mother age

**Source document**

**Source organisation** MOH

**Mother date of birth**

<b>Definition</b>	The date of birth of the mother.
<b>Column name</b>	mother_date_of_birth
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	date
<b>Other names</b>	
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	CCYYMMDD
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Mother DHB**

<b>Definition</b>	The district health board of the mother's residential address at the time of delivery.
<b>Column name</b>	mother_dhb
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(64)
<b>Other names</b>	Health agency code, DHB Code
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	XXXX
<b>Data domain</b>	See the Agency code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	Derived from domicile.  Historically, also known as CHE (Crown Health Enterprise), HHS (Hospitals and Health Services) and AHB (Area Health Board)..
<b>Verification rules</b>	Must be a valid code in the code table.
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Mother domicile**

<b>Definition</b>	The domicile of the mother's residential address at the time of delivery.
<b>Column name</b>	mother_domicile
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(4)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	
<b>Data domain</b>	See the Domicile code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	Domicile code in the Aggregated Pregnancy table is derived from one of three sources in order of priority (NMDS birth event, LMC registration claim, NHI)
<b>Verification rules</b>	Must be a valid code in the Domicile code table.
<b>Collection methods</b>	
<b>Related data</b>	Mother TLA
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Mother domicile source**

**Definition** The system from which the mother s domicile was sourced.

**Column name** mother\_domicile\_source

**Table name** fact\_mat\_agg\_pregnancy

**Data type** number

**Other names**

**Context** Pregnancy.Demographics

**Layout** N

**Data domain**  
1 = NMDS  
2 = LMC Claim  
3 = NHI Register

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation** MOH

## **Mother ethnic group**

<b>Definition</b>	Mother prioritised ethnicity grouped to Level 1.
<b>Column name</b>	mother_ethnic_group
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(10)
<b>Other names</b>	Ethnicity
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	N
<b>Data domain</b>	1 (European) 2 (Maori) 3 (Pacific Peoples) 4 (Asian) 5 (MELAA) 6 (Other) 9 (Residual Categories)
<b>Guide for use</b>	<p>A social group whose members have one or more of the following four characteristics:</p> <ul style="list-style-type: none"> <li>- they share a sense of common origins</li> <li>- they claim a common and distinctive history and destiny</li> <li>- they possess one or more dimensions of collective cultural individuality</li> <li>- they feel a sense of unique collective solidarity.</li> </ul> <p>From 1 July 1996 up to 3 Ethnicity codes can be collected for each healthcare user and each event. Where more than 3 Ethnicity codes are reported, the Statistics NZ prioritisation algorithm is used to report only 3 values.</p> <p>Because ethnicity is self-identified, it can change over time. This is why MOH collects ethnicity information for each health event, rather than relying on the data in the National Health Index (which does not include historical data).</p> <p>Refer to Appendix G: Collection of Ethnicity Data for further details.</p>
<b>Verification rules</b>	Ethnicity 1 is mandatory.
<b>Collection methods</b>	Derived from ethnic codes reported to NMDS birth and postnatal events, LMC Labour & Birth claims and NHI at time of delivery. The 3 highest priority ethnic codes that reach a threshold proportion are stored in the Aggregated Pregnancy table.
<b>Related data</b>	Mother prioritised ethnicity Mother ethnicity code2 Mother ethnicity code3
<b>Source document</b>	Smith, Anthony. 1981. The Ethnic Revival. Cambridge University Press
<b>Source organisation</b>	Statistics NZ

**Mother ethnicity code 2**

<b>Definition</b>	Refer to Mother ethnic group for details.
<b>Column name</b>	mother_ethnicity_code2
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(2)
<b>Other names</b>	Ethnicity 2
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	NN
<b>Data domain</b>	See the Level 2 ethnic codes table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	Refer to Mother ethnic group
<b>Verification rules</b>	Ethnicity 2 is optional.  Ethnicity 2 cannot be the same as Ethnicity 1 or 3.  Must be a valid code in the Ethnic code table.
<b>Collection methods</b>	Derived from ethnic codes reported to NMDS birth and postnatal events, LMC Labour & Birth claims and NHI at time of delivery. The 3 highest priority ethnic codes that reach a threshold proportion are stored in the Aggregated Pregnancy table.
<b>Related data</b>	Mother prioritised ethnicity Mother ethnic group Mother ethnicity code 3
<b>Source document</b>	Smith, Anthony. 1981. The Ethnic Revival. Cambridge University Press
<b>Source organisation</b>	Statistics NZ

**Mother ethnicity code 3**

<b>Definition</b>	Refer to Mother ethnic group for details.
<b>Column name</b>	mother_ethnicity_code3
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(2)
<b>Other names</b>	Ethnicity 3
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	
<b>Data domain</b>	See the Level 2 ethnic codes table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	Refer to Mother ethnic group
<b>Verification rules</b>	Ethnicity 3 is optional.  Ethnicity 3 cannot be the same as Ethnicity 2 or 1.
<b>Collection methods</b>	Derived from ethnic codes reported to NMDS birth and postnatal events, LMC Labour & Birth claims and NHI at time of delivery. The 3 highest priority ethnic codes that reach a threshold proportion are stored in the Aggregated Pregnancy table.
<b>Related data</b>	Mother prioritised ethnicity Mother ethnicity code 2 Mother ethnic group
<b>Source document</b>	Smith, Anthony. 1981. The Ethnic Revival. Cambridge University Press
<b>Source organisation</b>	Statistics NZ



**Mother NZ deprivation decile**

<b>Definition</b>	The NZ deprivation decile of the mother's residential address at the time of delivery.
<b>Column name</b>	mother_nz_deprivation_decile
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number(2)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	NN
<b>Data domain</b>	1 (least deprived) to 10 (most deprived).
<b>Guide for use</b>	Derived from Mother domicile.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Mother domicile
<b>Source document</b>	
<b>Source organisation</b>	MOH

## ***Mother NZ deprivation quintile***

<b><i>Definition</i></b>	The NZ deprivation quintile of the mother's residential address at the time of delivery.
<b><i>Column name</i></b>	mother_nz_deprivation_quintile
<b><i>Table name</i></b>	fact_mat_agg_pregnancy
<b><i>Data type</i></b>	number(1)
<b><i>Other names</i></b>	New Zealand Index of Deprivation
<b><i>Context</i></b>	Pregnancy.Demographics
<b><i>Layout</i></b>	N
<b><i>Data domain</i></b>	<p>1 if Mother NZ Deprivation Decile in (1,2 )</p> <p>2 if Mother NZ Deprivation Decile in (3,4)</p> <p>3 if Mother NZ Deprivation Decile in (5,6)</p> <p>4 if Mother NZ Deprivation Decile in (7,8)</p> <p>5 if Mother NZ Deprivation Decile in (9,10)</p> <p>Derived from Mother NZ deprivation decile</p>
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	Mother NZ deprivation decile
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	MOH

**Mother NZ resident flag**

<b>Definition</b>	The NZ residency status of the mother at the time of delivery.
<b>Column name</b>	mother_nz_resident_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	HCU resident status, Residency, Resident status, HCU NZ resident status
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	A
<b>Data domain</b>	'Y' = Permanent resident (New Zealand citizen or classified as 'ordinarily resident in New Zealand') 'N' = Temporary (not a New Zealand citizen, does not have New Zealand 'ordinarily resident' status)
<b>Guide for use</b>	A permanent resident is defined as a person who: <ul style="list-style-type: none"> <li>- resides in New Zealand and</li> <li>- is not a person to whom Section 7 of the Immigration Act 1987 applies or a person obliged by or pursuant to that Act to leave New Zealand immediately or within a specified time or deemed for the purposes of that Act to be in New Zealand unlawfully.</li> </ul>
<b>Verification rules</b>	
<b>Collection methods</b>	Sourced from the NHI
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## ***Mother prioritised ethnicity***

<b>Definition</b>	The prioritised ethnicity of the mother (to level 2 ethnicity) at the time of delivery.
<b>Column name</b>	mother_prioritised_ethnicity
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(2)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	NN
<b>Data domain</b>	See the Level 2 ethnic code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	<p>A social group whose members have one or more of the following four characteristics:</p> <ul style="list-style-type: none"> <li>- they share a sense of common origins</li> <li>- they claim a common and distinctive history and destiny</li> <li>- they possess one or more dimensions of collective cultural individuality</li> <li>- they feel a sense of unique collective solidarity.</li> </ul> <p>Because ethnicity is self-identified, it can change over time. This is why MOH derives ethnicity from source systems at the time of birth, rather than relying on the data in the National Health Index (which does not include historical data).</p>
<b>Verification rules</b>	
<b>Collection methods</b>	Derived from ethnic codes reported to NMDS birth and postnatal events, LMC Labour & Birth claims and NHI at time of delivery. The 3 highest priority ethnic codes that reach a threshold proportion are stored in the Aggregated Pregnancy table.
<b>Related data</b>	<p>Mother ethnic group  Mother ethnicity code 2  Mother ethnicity code 3</p>
<b>Source document</b>	
<b>Source organisation</b>	Statistics NZ

**Mother rural/urban status**

<b>Definition</b>	The rural/urban status of the mother's residential address at the time of delivery.
<b>Column name</b>	mother_rural_urban_status
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	N
<b>Data domain</b>	0 = Urban 1 = Semi Rural 2 = Rural 3 = Remote Rural
<b>Guide for use</b>	Derived from Mother domicile.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Mother domicile
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Mother TLA**

<b>Definition</b>	The territorial local authority of the mother's residential address at the time of delivery.
<b>Column name</b>	mother_tla
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(64)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	XXXX
<b>Data domain</b>	Refer to TLA code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	<p>Derived from Mother domicile.</p> <p>The TLA of domicile roughly equates to local council boundaries. Populated from 1988.</p> <p>Derived from the MOH mapping of Domicile code to TLA. No code table exists.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Non-LMC antenatal contacts count**

<b>Definition</b>	The total number of non-LMC contacts during the antenatal period.
<b>Column name</b>	non_lmc_antenatal_cont_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	Aggregate value of non-LMC visits.
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Non-LMC urgent postnatal care count**

<b>Definition</b>	The total number of non-LMC contacts during the postnatal period.
<b>Column name</b>	non_lmc_urg_postnat_care_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH



**Normal flag**

<b>Definition</b>	A flag indicating that the mother had a spontaneous vertex vaginal birth without obstetric assistance.
<b>Column name</b>	normal_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Spontaneous vaginal birth
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Derived from ICD-10-AM delivery procedure code reported to NMDS.  A woman may have more than one delivery type.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised delivery dype Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Obstetric antenatal admissions count**

<b>Definition</b>	The total number of hospital events with an obstetric principal diagnosis during the antenatal period of a pregnancy, excluding the delivery event.
<b>Column name</b>	obstetric_antenat_admits_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	Total obstetric antenatal admissions may include more than one admission for the same woman and includes transfers between facilities but excludes transfers within a facility.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Obstetric postnatal admissions count**

<b>Definition</b>	The total number of hospital events with an obstetric principal diagnosis during the postnatal period excluding the delivery event.
<b>Column name</b>	obstetric_postnat_admit_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	Total obstetric postnatal admissions may include more than one admission for the same woman and includes transfers between facilities but excludes transfers within a facility.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Parity count**

<b>Definition</b>	Parity is the number of previous pregnancies that resulted in live births or stillbirths (counting twins or multiple births as one).
<b>Column name</b>	parity_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Demographics
<b>Layout</b>	NN
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	This should include all previous pregnancies including stillbirths. However this number is self-reported and may not be accurate, since the woman may not wish to disclose the full number.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Placenta kept flag**

<b>Definition</b>	A flag indicating whether the woman kept the placenta following delivery.
<b>Column name</b>	placenta_kept_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	Ends June 2007.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Plurality**

<b>Definition</b>	The number of babies including stillborn babies resulting from a pregnancy.
<b>Column name</b>	plurality
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(12)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	X(12)
<b>Data domain</b>	Singleton Twin Other multiple Unspecified
<b>Guide for use</b>	An indication as to whether this pregnancy was singleton, twin or multiple birth delivery.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Postnatal admission count**

<b>Definition</b>	The total number of hospital events with during the postnatal period excluding the delivery event.
<b>Column name</b>	postnatal_admit_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	Total postnatal admissions may include more than one admission for the same woman and includes transfers between facilities but excludes transfers within a facility.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Postpartum haemorrhage flag**

<b>Definition</b>	A flag indicating whether the woman sustained a postpartum haemorrhage during an NMDS delivery event.
<b>Column name</b>	postpartum_haemorrhage_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Postpartum haemorrhage is identified by selected ICD-10-AM diagnosis codes present on the delivery event.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



**Preeclampsia/eclampsia flag**

<b>Definition</b>	A flag reporting whether the woman was identified as having preeclampsia or eclampsia during any antenatal hospital event or at delivery.
<b>Column name</b>	preeclampsia_eclampsia_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Preeclampsia or eclampsia is identified by selected ICD-10-AM obstetric diagnosis codes present on any antenatal or delivery event.  Reported via NMDS antenatal and delivery events.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Primipara flag**

<b>Definition</b>	A flag indicating a woman who reported no previous pregnancy of greater than 20 weeks
<b>Column name</b>	primipara_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or N
<b>Guide for use</b>	Derived from reported parity
<b>Verification rules</b>	
<b>Collection methods</b>	Reported via claims only
<b>Related data</b>	Parity count
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Prioritised delivery type**

<b>Definition</b>	A single prioritised delivery type for the pregnancy derived from ICD-10-AM delivery procedure codes reported to NMDS.
<b>Column name</b>	prioritised_delivery_type
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(20)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	X(20)
<b>Data domain</b>	The system stores all delivery types associated with the pregnancy and outputs a single type in priority order: <ol style="list-style-type: none"> <li>1. Emergency Caesarean</li> <li>2. Elective Caesarean</li> <li>3. Breech Extraction</li> <li>4. Assisted Breech</li> <li>5. Spontaneous Breech</li> <li>6. Forceps and Vacuum</li> <li>7. Forceps</li> <li>8. Vacuum</li> <li>9. Normal</li> <li>10. Not Stated</li> </ol>
<b>Guide for use</b>	Though in some multiple births multiple delivery types may be valid, for ease of reporting, a priority order (1 to 10 above) has been used to nominate the primary procedure.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Emergency caesarean flag Elective caesarean flag Spontaneous breech flag Assisted breech flag Forceps and vacuum flag Forceps flag Vacuum flag Normal flag
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Referrals to specialist services count**

<b>Definition</b>	The number of LMC referrals to specialist services during the postnatal period.
<b>Column name</b>	refs_specialist_services_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	Note: specialist services referrals change with subsequent notice revisions, use care and consult the Gazette for changes over time.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Delivery date
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Smoking status at 2 weeks flag**

<b>Definition</b>	The smoking status of a woman 2 weeks following delivery.
<b>Column name</b>	smoking_status_at_2_weeks_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Smoking status at first LMC registration
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Smoking status at first LMC registration**

<b>Definition</b>	The smoking status of the woman at first LMC registration.
<b>Column name</b>	smoking_status_first_lmc_reg
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(5)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	Y or N
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Specialist anaesthetist consultations count**

<b>Definition</b>	The number of specialist anaesthetic referrals during a pregnancy.
<b>Column name</b>	specialist_anaes_cons_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	Note: specialist services referrals change with subsequent notice revisions, use care and consult the Gazette for changes over time.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Specialist obstetric consultations count**

<b>Definition</b>	The the number of specialist obstetric referrals during a pregnancy.
<b>Column name</b>	specialist_obs_cons_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	Note: specialist services referrals change with subsequent notice revisions, use care and consult the Gazette for changes over time.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



## **Spontaneous breech flag**

<b>Definition</b>	A flag indicating a spontaneous breech birth, that is vaginal birth of a baby by the head first followed by the lower limbs without obstetric intervention.
<b>Column name</b>	spontaneous_breech_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Un-assisted vaginal birth
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Derived from ICD-10-AM delivery procedure code reported to NMDS.  A woman may have more than one delivery type.  NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised delivery type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Standard primipara flag**

<b>Definition</b>	A flag indicating a woman who is giving birth for the first time and who meets certain other conditions signifying a low risk pregnancy.
<b>Column name</b>	standard_primipara_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Used to group clinically similar woman.  Contact Analytical Services for more information.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Parity count Mother age Gestational age Birthweight
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Stillbirths count**

<b>Definition</b>	The number of stillbirths resulting from this delivery.
<b>Column name</b>	stillbirths_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	X(10)
<b>Data domain</b>	1, 2, 3 or Not Stated
<b>Guide for use</b>	Derived from Delivery outcome
<b>Verification rules</b>	Reported via LMC claims and via NMDS diagnosis codes (ICD-10-AM 'Z37'). The reporting of stillbirths is not verified and should not be used in analysis. Refer to the Mortality Collection for robust reporting of fetal deaths.
<b>Collection methods</b>	
<b>Related data</b>	Delivery outcome
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Supplies claim for non hospital birth flag**

<b>Definition</b>	A flag indicating whether the LMC claimed homebirth supplies and the delivery was not recorded in NMDS.
<b>Column name</b>	supl_claim_not_hosp_birth_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	For use for homebirth reporting post June 2007 when the 'Birth at Home' tickbox was removed from the Section 88 Notice. This flag uses the LMC 'Homebirth Supplies & Services' claim to approximate intention to birth at home, and uses an NMDS delivery event search to exclude subsequent hospital deliveries from this group.  Note, this is a proxy only.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Homebirth supplies and service claim flag Birth at home flag
<b>Source document</b>	
<b>Source organisation</b>	MOH

## ***Surgical repair of tear flag***

<b><i>Definition</i></b>	A flag indicating whether surgical repair of a 3rd or 4th degree perineal tear took place during an NMDS delivery event.
<b><i>Column name</i></b>	surgical_repair_of_tear_flag
<b><i>Table name</i></b>	fact_mat_agg_pregnancy
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	
<b><i>Context</i></b>	Pregnancy.Labour&Delivery
<b><i>Layout</i></b>	A
<b><i>Data domain</i></b>	Y, N or Null
<b><i>Guide for use</i></b>	Surgical repair of perineal tear is identified by selected ICD-10-AM obstetric procedure codes present on the delivery event.  NMDS delivery events only.
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	Degree of tear
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	MOH

**Threatened miscarriage/abortion flag**

<b>Definition</b>	A flag indicating threatened miscarriage or abortion during a pregnancy.
<b>Column name</b>	threat_miscarriage_abort_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Transfer to secondary care flag**

<b>Definition</b>	A flag indicating whether the woman was transferred from LMC care to secondary care during the postnatal period.
<b>Column name</b>	transfer_secondary_care_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Trimester of transfer to secondary maternity care**

<b>Definition</b>	The trimester in which the pregnant woman was transferred from LMC care to secondary care.
<b>Column name</b>	trimest_of_tfr_to_sec_mat_care
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	N
<b>Data domain</b>	1, if < 15 weeks 2, if >= 15 and < 28 weeks 3, if >= 28 weeks
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH



## **Trimester of first LMC registration**

<b>Definition</b>	The trimester in which the woman first registered with an LMC.
<b>Column name</b>	trimester_at_first_lmc_reg
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	<p>LMC Registration in first trimester of pregnancy was only possible from July 2007. Care should be taken when analysing trimester of registration data over the Notice changes.</p> <p>1 = First trimester  2 = Second trimester  3 = Third trimester  4 = First registration with LMC occurs postnatally</p>
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	<p>First LMC date registered  Estimated delivery date</p>
<b>Source document</b>	
<b>Source organisation</b>	MOH

## **Ultrasounds count**

<b>Definition</b>	The total number of ultrasounds claimed during the antenatal period of a pregnancy.
<b>Column name</b>	ultrasounds_count
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	number
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	Numeric or Null
<b>Guide for use</b>	<p>Primary maternity ultrasound only.</p> <p>See NNPAC for secondary radiology services.</p> <p>Radiologists or obstetricians with a Diploma of Diagnostic Ultrasound are allowed to claim for providing ultrasound scans, including nuchal translucency scans, following the referral of the woman by her LMC.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	Ultrasounds claimed under the Section 88 Notice. Excludes secondary care ultrasounds and fully privately funded ultrasounds.
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Unregistered woman at delivery flag**

<b>Definition</b>	A flag indicating a woman is not registered with an LMC at delivery.
<b>Column name</b>	unreg_woman_at_delivery_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Indicates whether an LMC registration has been submitted with a registration date preceding date of delivery.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Vacuum flag**

<b>Definition</b>	A flag indicating a type of assisted birth where vacuum extraction (ventouse) is required.
<b>Column name</b>	vacuum_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	Assisted vaginal birth
<b>Context</b>	Pregnancy.Labour&Delivery
<b>Layout</b>	A
<b>Data domain</b>	Y or Null
<b>Guide for use</b>	Derived from ICD-10-AM delivery procedure code reported to NMDS. A woman may have more than one delivery type. NMDS delivery events only
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Prioritised delivery type Delivery type
<b>Source document</b>	
<b>Source organisation</b>	MOH

## ***Vaginal birth post caesarean flag***

<b><i>Definition</i></b>	A flag indicating where a woman delivered vaginally following a prior (history of) caesarean section delivery.
<b><i>Column name</i></b>	vaginal_birth_post_caesar_flag
<b><i>Table name</i></b>	fact_mat_agg_pregnancy
<b><i>Data type</i></b>	varchar2(1)
<b><i>Other names</i></b>	VBAC
<b><i>Context</i></b>	Pregnancy.Labour&Delivery
<b><i>Layout</i></b>	A
<b><i>Data domain</i></b>	Y or Null
<b><i>Guide for use</i></b>	Sourced from LMC 'VBAC' claim or from ICD-10-AM obstetric diagnosis code reported to NMDS on the delivery event.
<b><i>Verification rules</i></b>	To improve data quality this field is cross checked with any NMDS delivery event and excludes deliveries that are flagged as VBAC but are reported as caesarean sections
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	MOH

**Wellchild notified flag**

<b>Definition</b>	A flag indicating whether LMC notified Wellchild services of the birth.
<b>Column name</b>	wellchild_notified_flag
<b>Table name</b>	fact_mat_agg_pregnancy
<b>Data type</b>	varchar2(1)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Postnatal
<b>Layout</b>	A
<b>Data domain</b>	Y, N or Null
<b>Guide for use</b>	<p>With consent of the mother, Wellchild services are notified of the birth and subsequent LMC discharge at the end of postnatal LMC care.</p> <p>WellChild is a health care provider that provides health education and support for babies and children as described in the Well Child Tamariki Ora National Schedule produced by the Ministry of Health.</p>
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	MOH

## Fact MAT Aggregate Ultrasound table

**Table name** fact\_mat\_agg\_ultrasound

**Definition**

**Primary key** dim\_mat\_pregnancy\_key

**Business key**

**Guide for use** Context:  
Pregnancy. Antenatal

**Relational rules**

**Data content**

---

## ***MAT pregnancy key***

<b><i>Definition</i></b>	Generated artificial key for the MAT Pregnancy table. Unique identifier of a pregnancy in the Aggregated Pregnancy table derived from delivery date and NHI
<b><i>Column name</i></b>	dim_mat_pregnancy_key
<b><i>Table name</i></b>	fact_mat_agg_pregnancy
<b><i>Data type</i></b>	number
<b><i>Other names</i></b>	
<b><i>Context</i></b>	
<b><i>Layout</i></b>	
<b><i>Data domain</i></b>	
<b><i>Guide for use</i></b>	
<b><i>Verification rules</i></b>	
<b><i>Collection methods</i></b>	
<b><i>Related data</i></b>	
<b><i>Source document</i></b>	
<b><i>Source organisation</i></b>	



**Ultrasound reason code**

<b>Definition</b>	A code representing the reason why the woman received an ultrasound.
<b>Column name</b>	ultrasound_reason_code
<b>Table name</b>	fact_mat_agg_ultrasound
<b>Data type</b>	varchar2(6)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	See the Ultrasound Reason code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	One ultrasound may have more than one ultrasound reason.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Ultrasound reason description
<b>Source document</b>	
<b>Source organisation</b>	MOH

**Ultrasound reason description**

<b>Definition</b>	Description of the ultrasound reason code
<b>Column name</b>	ultrasound_reason_description
<b>Table name</b>	fact_mat_agg_ultrasound
<b>Data type</b>	varchar2(256)
<b>Other names</b>	
<b>Context</b>	Pregnancy.Antenatal
<b>Layout</b>	
<b>Data domain</b>	See the Ultrasound Reason code table on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Guide for use</b>	One ultrasound may have more than one ultrasound reason..
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	Ultrasound reason code
<b>Source document</b>	
<b>Source organisation</b>	MOH

## Fact MAT Referral table

**Table name** fact\_mat\_referral

**Definition**

**Primary key** N/a

**Business key**

**Guide for use**

**Relational rules**

**Data content**

---

## ***Health professional***

### ***Definition***

***Column name*** health\_professional

***Table name*** fact\_mat\_referral

***Data type*** varchar2(5)

### ***Other names***

### ***Context***

### ***Layout***

### ***Data domain***

### ***Guide for use***

### ***Verification rules***

### ***Collection methods***

### ***Related data***

### ***Source document***

### ***Source organisation***

**Principal reason for referral**

<b>Definition</b>	The principal reason for the referral, from the list of referral guidelines or the ultrasound indication list
<b>Column name</b>	principal_reason_for_refe
<b>Table name</b>	fact_mat_referral
<b>Data type</b>	varchar2(80)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	See Referral Reason code tables on the Ministry of Health web site at <a href="http://www.nzhis.govt.nz/moh.nsf/pagesns/47">http://www.nzhis.govt.nz/moh.nsf/pagesns/47</a> . For further information contact Analytical Services.
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

**Referral date**

**Definition** Date the referral was made.

**Column name** referral\_date

**Table name** fact\_mat\_referral

**Data type** date

**Other names**

**Context**

**Layout**

**Data domain**

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

**Referring practitioner registration number**

**Definition** The provider number of referring service provider

**Column name** referring\_practitioner\_re

**Table name** fact\_mat\_referral

**Data type** varchar2(10)

**Other names**

**Context**

**Layout**

**Data domain**

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

**Referring practitioner type**

**Definition** A code representing the type of referring service provider

**Column name** referring\_practitioner\_ty

**Table name** fact\_mat\_referral

**Data type** varchar2(2)

**Other names**

**Context**

**Layout** A

**Data domain** W (i.e. Midwifery council of NZ)  
N (i.e. Nursing council of NZ)  
M (i.e. NZ Medical Council)

**Guide for use**

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**



**Registration number**

<b>Definition</b>	The registration number assigned to the practitioner providing the service by either the Medical Council of New Zealand or the Midwifery Council of New Zealand.
<b>Column name</b>	registration_number
<b>Table name</b>	fact_mat_referral
<b>Data type</b>	varchar2(10)
<b>Other names</b>	
<b>Context</b>	
<b>Layout</b>	
<b>Data domain</b>	
<b>Guide for use</b>	
<b>Verification rules</b>	
<b>Collection methods</b>	
<b>Related data</b>	
<b>Source document</b>	
<b>Source organisation</b>	

## Fact MAT Registration Table

**Table name** fact\_mat\_registration

**Definition**

**Primary key** N/a

**Business key**

**Guide for use**

**Relational rules**

**Data content**

---

**Registration date**

**Definition** Date of LMC registration

**Column name** registration\_date

**Table name** fact\_mat\_registration

**Data type** date

**Other names**

**Context**

**Layout**

**Data domain**

**Guide for use** Applies to first registrations and any changes of registration received.

**Verification rules**

**Collection methods**

**Related data**

**Source document**

**Source organisation**

## 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 (Appendix E) and the graphical data model are intended to assist the user in finding specific elements.

---

### 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.

**Definition** A statement that expresses the essential nature of a data element and its differentiation from all other data elements.

**Column name** The column name of the data element in the table.

**Table name** The name of the table containing the data element.

**Other names** Other names or previous names for the data element

**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.

**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.

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**Collection methods (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.

## Appendix B: Glossary

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**Note:** See the Ministry of Health website for *Appendix B: Glossary*  
<http://www.nzhis.govt.nz/moh.nsf/pagesns/241>

## Appendix C: Logical to Physical Table Mapping

The following list shows the mapping of the logical, or business, table name to the actual physical table name.

<i>Logical (Business) Table Name</i>	<i>Physical Table Name</i>
dim_mat_bdm_bmm_change_code	dim_mat_bdm_bmm_change_code
MAT Birth	dim_mat_birth
MAT Claim Activity	dim_mat_claim_activity
MAT Claim Item Status	dim_mat_claim_item_status
MAT HBL Provider	dim_mat_hbl_provider
MAT Pregnancy	dim_mat_pregnancy
MAT Pregnancy Stage	dim_mat_pregnancy_stage
MAT Provider Category	dim_mat_provider_category
MAT Provider Occupation	dim_mat_provider_occupation
MAT Provider Type	dim_mat_provider_type
MAT Referral Reason	dim_mat_referral_reason
MAT Service	dim_mat_service
MAT Source System	dim_mat_source_system
Fact MAT Activity	fact_mat_activity
Fact MAT Aggregate Birth	fact_mat_agg_birth
Fact MAT Aggregate Pregnancy	fact_mat_agg_pregnancy
Fact MAT Aggregate Ultrasound	fact_mat_agg_ultrasound
fact_mat_baby_mother_map_hist	fact_mat_baby_mother_map_hist
fact_mat_baby_mother_relation	fact_mat_baby_mother_relation
fact_mat_nmd_event_legal_stats	fact_mat_nmd_event_legal_stats
Fact MAT Referral	fact_mat_referral
Fact MAT Registration	fact_mat_registration

## Appendix D: List of Shared Dimensions

Dimension tables are the descriptive or lookup-type tables that link to fact tables. This data mart has a number of shared Dimension tables. The definitions for these dimensions are held in a separate data dictionary called "SHARED Dimensions". The table below lists the shared dimensions within this data mart.

<b><i>Dimension Table</i></b>	<b><i>Description</i></b>
<b><i>Age Band table</i></b> <b><i>(dim_age_band)</i></b>	This dimension table contains a record for each age from 0 to 115 years. The ages are also grouped into 5 and 10 year age bands, the GMS age bands and the PHO CBF Bands
<b><i>Agency Facility table</i></b> <b><i>(dim_agency_facility)</i></b>	This table stores details of organisations, institutions or groups of institutions that contract directly with the principal health service purchaser to deliver healthcare services to the community.  An agency may have a number of facilities (eg, hospita
<b><i>Clinical Code table</i></b> <b><i>(dim_clinical_code)</i></b>	A validation table and a repository of all codes contained in: - ICD-9-CM-A 2nd Edition - Australian Version of The International Classification of Diseases, 9th Revision, Clinical Modification, 2nd Edition - ICD-10-AM 1st Edition - The International Stati
<b><i>Country table</i></b> <b><i>(dim_country)</i></b>	This table holds a list of all countries. Used to provide details of the health care user's country of birth.
<b><i>Diagnosis Type table</i></b> <b><i>(dim_diagnosis_type)</i></b>	This dimension table hold the details of the diagnosis type and the associated diagnosis type description.
<b><i>DRG table</i></b> <b><i>(dim_drg)</i></b>	Dimension table of Diagnostic Related Groups (DRG).
<b><i>Ethnicity table</i></b> <b><i>(dim_ethnicity)</i></b>	This reference table lists all ethnic group codes.
<b><i>Event End Type table</i></b> <b><i>(dim_event_end_type)</i></b>	This table holds values that describe the end type to the HCU event.
<b><i>Event Type table</i></b> <b><i>(dim_event_type)</i></b>	This table holds values that describe the event type for the HCU event.
<b><i>Geo table</i></b> <b><i>(dim_geo)</i></b>	This reference table contains a geographical breakdown of New Zealand at the level of Domicile Code . Each row of the table describes a single Domicile Code, and locates it within broader geographical definitions eg DHB.
<b><i>Global Time table</i></b> <b><i>(dim_global_time)</i></b>	This table contains a record for every day between 1900 and 2050, with descriptive attributes for each day.
<b><i>HCU Identifiable table</i></b> <b><i>(dim_hcu_identifiable)</i></b>	This dimension table holds identifiable details of Health Care Users e.g.name, address, ethnicity, date of birth, NHI.
<b><i>Health Specialty table</i></b> <b><i>(dim_health_specialty)</i></b>	A classification describing the specialty or service to which a healthcare user has been assigned, which reflects the nature of the services being provided.
<b><i>Legal Status table</i></b> <b><i>(dim_legal_status)</i></b>	The legal status of a healthcare user under the appropriate section of the Mental Health (Compulsory Assessment and Treatment) Act 1992, the Alcoholism and Drug Addiction Act 1966, the Intellectual Disability (Compulsory Care and Rehabilitation) Act 2003,

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**Location table**  
**(dim\_location)**

This table holds details of the location of the facility where the outpatient event took place.

**Occupation table**  
**(dim\_occupation)**

This dimension table holds values for the occupation of the health care user.

**Provider table**  
**(dim\_provider)**

This dimension table contains a list of all healthcare providers recorded in the Healthpac CMS perorg database, and used to support claims payment activities.

Providers are identified by a number (Provider Code) allocated by a registration body e.g. Me

**Purchase Unit table**  
**(dim\_purchase\_unit)**

The purchase unit (PU) indicates what contract the event is funded under. PUs are in fact a classification system. PUs are a means of quantifying (volume) and valuing (price) a service.

**Purchaser Code table**  
**(dim\_purchaser\_code)**

This table holds values that defines the organisation or body that purchased the healthcare service provided.

## Appendix E: Index of Element Names

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## Appendix F: Data Model

Contact Analytical Services if you need a copy of the MAT data model.

## Appendix G: Collection of Ethnicity data

<b>Introduction</b>	This appendix contains information about collecting and coding ethnic group code data. To help with correct allocations of ethnicities, it includes a detailed list of ethnicities and their corresponding codes.
<b>Points to remember</b>	<ul style="list-style-type: none"> <li>• Ethnicity is self-identified and can change over time.</li> <li>• The Ministry of Health (MOH) can record up to three ethnic group codes for a healthcare user.</li> <li>• An algorithm is used to automatically prioritise ethnic group codes if more than one is reported.</li> <li>• If a person chooses not to specify their ethnicity, it should be recorded using a residual code such as '94' (Don't Know), '95' (Refused to Answer) or '99' (Not specified), not as '61' (Other).</li> <li>• The NHI database should be updated if a healthcare user provides a more specific or different specific ethnicity than that already held for that person.</li> </ul>
<b>About ethnicity</b>	<p>The term 'ethnic group' is defined as 'a group of people who have culture, language, history or traditions in common.' Ethnicity is not the same as race, ancestry, or country of birth.</p> <p>Because ethnicity is self-identified, it can change over time. This is why MOH collects ethnicity data whenever information is collected for different datasets, rather than relying on the National Health Index (which does not include historical data).</p> <p>Collecting ethnicity data has always been problematic because of the reluctance of some data providers to collect the information, the unwillingness of some healthcare users to label themselves, and the confusion between ethnicity, nationality, citizenship, and race.</p>
<b>Purpose</b>	Information about ethnicity is used extensively in planning and resourcing health services, developing and monitoring health policies, and measuring health outcomes.
<b>Collection of data</b>	<p>It is very important that the ethnicity data from the health sector is collected in the same way as the data in the Census because rates of hospitalisation are calculated by comparing the two datasets (to determine proportions of the population). The 2001 Census question is provided below as a guide.</p> <p><b>Important:</b> For MOH collections, up to three ethnic group codes can be collected for a healthcare user. Providers should make sure that healthcare users are aware of this. MOH stores all reported ethnic group codes, and also prioritises them based on a Statistics NZ algorithm.</p>

Which ethnic group do you belong to?  
Mark the space or spaces that apply to you.

New Zealand European

Māori

Samoan

Cook Island Māori

Tongan

Niuean

Chinese

Indian

other (such as DUTCH, JAPANESE, TOKELAUAN). Please state:

**Coding data**

Use the Classification of Ethnicity table below to code the healthcare user's ethnic group.

If they have ticked one or more specific ethnicities, or if they have ticked 'other' and written in an ethnicity, look on the table to find the code.

If they have written an invalid ethnicity, such as 'Kiwi' or 'Mainlander', which does not map to any item on the code table, or if they have ticked 'other' but not stated an ethnicity, you can:

- discuss this with them and encourage them to choose a valid ethnic group
- ignore it if one or more other ethnicities are provided, or
- code as '99' (Not specified).

If they write 'New Zealander', this can be coded as '11' (New Zealand European).

If they have written 'pakeha', this can be coded as '11' (New Zealand European).

**'Not Specified' and 'Other'**

If a person chooses not to answer the ethnicity question, record their ethnicity response with an appropriate residual code such as '95' (Refused to Answer) or '99' (Not specified).

**Important:** The code '61' (Other) applied to only 0.037% of the New Zealand population in the 2006 census. It is limited to about 5 ethnic groups (such as Inuit/Eskimos, North, Central or South American Indians, Seychelles Islanders, and Mauritians). It must not be used as a generic 'other' code.

Recording ethnicity as 'Other' or 'Not specified' skews statistics on rates of hospitalisation and this affects health policy. Where possible, encourage healthcare users to choose a valid ethnic group.

**Prioritisation of ethnicity**

Many National Data Collections include Prioritised ethnicity. This is the most highly prioritised ethnicity where multiple ethnicity responses have been recorded for the healthcare user (either submitted with the health event/service or extracted from the NHI as part of the data load process). Prioritisation is determined according to a

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Statistics NZ algorithm and prioritising ethnic codes simplifies analysis.

Each of the ethnic group codes is prioritised using the mappings in the table below.

<b>Ethnic code</b>	<b>Ethnic code description</b>	<b>Priority</b>
10	European not further defined	21
11	New Zealand European / Pakeha	22
12	Other European	20
21	Maori	1
30	Pacific Peoples not further defined	9
31	Samoan	7
32	Cook Island Maori	6
33	Tongan	5
34	Niuean	4
35	Tokelauan	2
36	Fijian	3
37	Other Pacific Peoples	8
40	Asian not further defined	14
41	Southeast Asian	10
42	Chinese	12
43	Indian	11
44	Other Asian	13
51	Middle Eastern	17
52	Latin American / Hispanic	15
53	African (or cultural group of African origin)	16
54	Other (retired on 01/07/2009)	19
61	Other Ethnicity	18
94	Don't Know	94
95	Refused to Answer	95
97	Response Unidentifiable	97
99	Not stated	99

#### **Detailed code table**

The codes used to report ethnicity to MOH are taken from the Statistics NZ Statistical Standard for Ethnicity 2005. This classification is a very detailed 5-digit code: only the first two digits (shown in the table below) are reported to MOH.

Use this table to code healthcare user's self-identified ethnicities.

MOH Ethnicity code	Country of Ethnicity Affiliation
37	Admiralty Islander
44	Afghani
53	African American
53	African nec
53	African nfd
12	Afrikaner
32	Aitutaki Islander
12	Albanian
51	Algerian
12	American (US)
51	Arab
52	Argentinian
12	Armenian
44	Asian nec
40	Asian nfd
51	Assyrian
32	Atiu Islander
37	Austral Islander
12	Australian
37	Australian Aboriginal
12	Austrian
37	Banaban
44	Bangladeshi
37	Belau/Palau Islander
12	Belgian
12	Belorussian
43	Bengali
37	Bismark Archipelagoan
52	Bolivian
12	Bosnian
37	Bougainvillean
52	Brazilian
12	British nec
12	British nfd
12	Bulgarian
12	Burgher
41	Burmese
12	Byelorussian
41	Cambodian
42	Cambodian Chinese
12	Canadian
37	Caroline Islander
12	Celtic nfd
61	Central American Indian
37	Chamorro
12	Channel Islander
52	Chilean
42	Chinese nec
42	Chinese nfd
52	Colombian
32	Cook Island Maori nfd
12	Cornish
12	Corsican
52	Costa Rican

Appendix G: Collection of Ethnicity data

MOH Ethnicity code	Country of Ethnicity Affiliation
52	Creole (Latin America)
53	Creole (US)
12	Croat/Croatian
12	Cypriot nfd
12	Czech
12	Dalmatian
12	Danish
12	Dutch/Netherlands
37	Easter Islander
52	Ecuadorian
51	Egyptian
12	English
53	Eritrean
12	Estonian
53	Ethiopian
44	Eurasian
10	European nfd
12	Falkland Islander/Kelper
36	Fijian (except Fiji Indian/ Indo-Fijian)
43	Fijian Indian/Indo-Fijian
41	Filipino
12	Finnish
12	Flemish
12	French
12	Gaelic
37	Gambier Islander
12	German
53	Ghanian
12	Greek (incl Greek Cypriot)
12	Greenlander
37	Guadalcanalian
37	Guam Islander/Chamorro
52	Guatemalan
43	Gujarati
52	Guyanese
37	Hawaiian
52	Honduran
42	Hong Kong Chinese
12	Hungarian
12	Icelander
37	I-Kiribati/Gilbertese
43	Indian nec
43	Indian nfd
41	Indonesian (incl Javanese/ Sundanese/Sumatran)
61	Inuit/Eskimo
51	Iranian/Persian
51	Iraqi
12	Irish
51	Israeli/Jewish/Hebrew
12	Italian
53	Jamaican
44	Japanese

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## Appendix G: Collection of Ethnicity data

MOH Ethnicity code	Country of Ethnicity Affiliation
51	Jordanian
42	Kampuchean Chinese
37	Kanaka/Kanak
53	Kenyan
41	Khmer/Kampuchean/ Cambodian
44	Korean
51	Kurd
41	Lao/Laotian
52	Latin American/Hispanic nec
52	Latin American/Hispanic nfd
12	Latvian
51	Lebanese
51	Libyan
12	Lithuanian
12	Macedonian
37	Malaitian
41	Malay/Malayan
42	Malaysian Chinese
12	Maltese
52	Malvinian (Spanish- speaking Falkland Islander)
32	Mangaia Islander
32	Manihiki Islander
37	Manus Islander
12	Manx
37	Marianas Islander
37	Marquesas Islander
37	Marshall Islander
32	Mauke Islander
61	Mauritian
52	Mexican
51	Middle Eastern nec
51	Middle Eastern nfd
32	Mitiaro Islander
51	Moroccan
37	Nauru Islander
44	Nepalese
37	New Britain Islander
12	New Caledonian
37	New Georgian
37	New Irelander
11	New Zealander
11	New Zealand European
21	New Zealand Maori
52	Nicaraguan
53	Nigerian
34	Niuean
61	North American Indian
12	Norwegian
99	Not Specified
37	Ocean Islander/Banaban
51	Omani

MOH Ethnicity code	Country of Ethnicity Affiliation
12	Orkney Islander
53	Other African nec
44	Other Asian nec
12	Other European
61	Other nec
61	Other nfd
41	Other Southeast Asian nec
37	Pacific Peoples nec
30	Pacific Peoples nfd
44	Pakistani
51	Palestinian
32	Palmerston Islander
52	Panamanian
37	Papuan/New Guinean/Irian Jayan
52	Paraguayan
32	Penrhyn Islander
52	Peruvian
37	Phoenix Islander
37	Pitcairn Islander
12	Polish
12	Portuguese
52	Puerto Rican
32	Pukapuka Islander
43	Punjabi
32	Rakahanga Islander
32	Rarotongan
12	Romanian/Rumanian
12	Romany/Gypsy
37	Rotuman/Rotuman Islander
12	Russian
31	Samoan
37	Santa Cruz Islander
12	Sardinian
12	Scottish (Scots)
12	Serb/Serbian
61	Seychelles Islander
12	Shetland Islander
43	Sikh
42	Singaporean Chinese
44	Sinhalese
12	Slavic/Slav
12	Slovak
12	Slovene/Slovenian
37	Society Islander (including Tahitian)
37	Solomon Islander
53	Somali
61	South African coloured
12	South African nec
61	South American Indian
12	South Slav (formerly Yugoslav groups) nfd
12	South Slav (formerly

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MOH Ethnicity code	Country of Ethnicity Affiliation
	Yugoslav) nec
41	Southeast Asian nfd
12	Spanish
44	Sri Lankan nec
44	Sri Lankan nfd
44	Sri Lankan Tamil
12	Swedish
12	Swiss
51	Syrian
42	Taiwanese Chinese
37	Tahitian (including Society Islander)
43	Tamil
41	Thai/Tai/Siamese
44	Tibetan
35	Tokelauan
33	Tongan
37	Torres Strait Islander/Thursday Islander
37	Tuamotu Islander
51	Tunisian
51	Turkish (incl Turkish Cypriot)
37	Tuvalu Islander/Ellice Islander
53	Ugandan
12	Ukrainian
52	Uruguayan
37	Vanuatu Islander/New Hebridean
52	Venezuelan
41	Vietnamese
42	Vietnamese Chinese
37	Wake Islander
37	Wallis Islander
12	Welsh
53	West Indian/Caribbean
37	Yap Islander
51	Yemeni
12	Zimbabwean

**nfd = Not further defined**

**nec = Not elsewhere classified**

## Appendix H: Health Event fields on Fact MAT Activity table

The health event fields on the Fact MAT Activity table are listed below. Please refer to the National Minimum Data Set (NMDS) Data Dictionary for definitions of these fields.

Fields with prefix 'dp' are from the Diagnosis/Procedure table while those with prefix 'he' are from the Health Event table.

Column Name	Name
dp_batch_id	Batch ID
dp_clinical_code	Clinical code
dp_clinical_code_system	Clinical coding system ID
dp_clinical_code_type	Clinical code type
dp_diagnosis_description	Diagnosis/procedure description
dp_diagnosis_number	Diagnosis number
dp_diagnosis_sequence	Diagnosis sequence
dp_diagnosis_type	Diagnosis type
dp_diagnosis_type_sequence	Diagnosis type sequence
dp_dim_clinical_code_key	
dp_dim_diagnosis_type_key	
dp_dim_event_end_date_key	
dp_dim_event_start_date_key	
dp_dim_procedure_acc_date_key	
dp_dim_submitted_coding_s_key	
dp_event_end_date	Event end datetime
dp_event_id	Event ID
dp_event_start_date	Event start datetime
dp_he_event_end_date	Event end datetime
dp_he_event_start_date	Event start datetime
dp_private_hospital_flag	Private hospital flag
dp_procedure_acc_date	Procedure ACC date
dp_procedure_acc_date_flag	Procedure ACC date flag
dp_submitted_system_id	Submitted system ID
dp_transaction_id	Transaction ID
he_acc_claim_number	ACC claim number
he_accident_flag	Accident flag
he_admission_source_code	Admission source code
he_admission_type	Admission type code
he_age_at_admission	Age at admission
he_age_at_discharge	Age at discharge
he_age_of_mother	Age of mother
he_agency_code	Agency code
he_batch_id	Batch ID
he_birth_status	Birth status

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Column Name	Name
he_birth_weight	Birth weight
he_ccl	Complication/co-morbidity class level
he_client_system_identifier	Client system identifier
he_cost_weight	Cost weight
he_cost_weight_code	Cost weight code
he_country_code	Country of birth code
he_date_of_birth	Date of birth
he_date_of_birth_flag	Date of birth flag
he_date_psychiatric_leave_ends	Psychiatric leave end date
he_date_surgery_decided	Date surgery decided
he_dim_admission_age_key	
he_dim_admission_source_key	
he_dim_admission_type_key	
he_dim_affiliation_key	
he_dim_birth_date_key	
he_dim_birth_location_key	
he_dim_country_key	
he_dim_discharge_age_key	
he_dim_drg_key	
he_dim_drg_v31_key	
he_dim_event_agency_key	
he_dim_event_end_date_key	
he_dim_event_end_type_key	
he_dim_event_facility_from_key	
he_dim_event_facility_key	
he_dim_event_facility_to_key	
he_dim_event_facility_type_key	
he_dim_event_start_date_key	
he_dim_event_type_key	
he_dim_exclu_purchase_uni_key	
he_dim_first_consult_date_key	
he_dim_geo_key	
he_dim_health_care_user_key	
he_dim_health_specialty_key	
he_dim_last_updated_date_key	
he_dim_mothers_age_key	
he_dim_nz_drg_key	
he_dim_occupation_key	
he_dim_psych_lv_end_date_key	
he_dim_psych_lv_end_type_key	
he_dim_purchase_unit_key	
he_dim_purchaser_code_key	
he_dim_referral_date_key	

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Column Name	Name
he_dim_surg_decided_date_key	
he_domicile_code	Domicile Code
he_drg_code_current	DRG code current
he_drg_code_v30	DRG code version 3.0
he_drg_code_v31	DRG code version 3.1
he_drg_grouper_type	DRG grouper type code
he_ethnic_code	Ethnic code
he_ethnic_code_2	Ethnic code 2
he_ethnic_code_3	Ethnic code 3
he_event_elapsed_timeinminutes	Event elapsed time in minutes
he_event_encrypted_hcu_id	Encrypted NHI number
he_event_end_date	Event end datetime
he_event_end_type	Event end type code
he_event_extra_information	Event extra information
he_event_id	Event ID
he_event_leave_days	Event leave days
he_event_local_id	Event local ID
he_event_start_date	Event start datetime
he_event_type	Event type
he_exclu_purchase_unit	Excluded purchase unit
he_facility_code	Facility code
he_facility_transfer_from	Facility transfer from
he_facility_transfer_to	Facility transfer to
he_facility_type	Facility type
he_financial_year	Financial year
he_first_consult_date	First consult date
he_gender_code	Gender code
he_gestation_period	Gestation period
he_health_specialty_code	Health specialty code
he_hours_on_cpap	Total hours on continuous positive airway pressure
he_hours_on_ventilation	Total hours on mechanical ventilation
he_last_updated_date	Date updated
he_length_of_stay	Length of stay
he_location_code	Birth location
he_mdc_code	Major diagnostic category (MDC) code
he_mdc_type	Major diagnostic category (MDC) type
he_month_of_data	Month of data
he_mothers_encrypted_hcu_id	Mother's encrypted NHI
he_nz_drg_code	NZ DRG code current
he_nz_resident_flag	NZ resident status
he_occupation_code	Occupation code
he_occupation_free_text	Occupation free-text

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<b>Column Name</b>	<b>Name</b>
he_pccl	Patient clinical complexity level
he_pms_unique_identifier	PMS unique identifier
he_principal_diag_06_clin_code	Diagnosis type
he_principal_diag_10_clin_code	Diagnosis type
he_principal_diag_11_clin_code	Diagnosis type
he_principal_diag_12_clin_code	Diagnosis type
he_principal_diag_13_clin_code	Diagnosis type
he_prioritised_ethnic_code	Prioritised ethnicity
he_private_hospital_flag	Private flag
he_psychiatric_leave_end_type	Psychiatric leave end code
he_public_birth	Public birth
he_purchase_unit	Purchase unit
he_purchaser_code	Principal health service purchaser
he_referral_date	Referral date
he_suppression_flag	Event summary suppress flag
he_surgical_priority	Surgical priority
he_tla	TLA of domicile
he_total_icu_hours	Total intensive care unit (ICU) Hours
he_total_niv_hours	Total hours on non-invasive ventilation
he_transaction_id	Transaction ID
he_weight_on_admission	Weight on admission
he_year_of_data	Year of data