



Participation

Data Specification

Version 1.0 - 30/06/2009

Draft for Comment

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1 Introduction

1.1 Purpose and Scope

The role of Clinical Information Structured Reporting ("CISR") within NEHTA is to specify the Logical Record Architecture to be used for clinical information, and to specify interchange formats that can be used to communicate this logical model. A logical record architecture is defined in *A NHS Logical Health Record Architecture: Vision, Objectives and Success Criteria* as:

*"...a set of integrated and internally consistent abstract data and semantic definitions linked to specific health records business requirements and objectives.... It determines what data is shared across multiple applications within a single enterprise, as well as how it is to be managed, accessed and stored."*¹

The Participation data group specification forms part of a suite of data specifications that together comprise the clinical information logical record architecture.

Participations are meaningful only within the context of an information model where they record context-specific relationships between participants and events. In this respect, the Participation data model has been used extensively in NEHTA structured document templates.

This document is closely aligned with the following national and international projects:

- Australian Standards (IT-014-02 committee) revision of [\[AS 5017-2006\]](#) and [\[AS4846-2006\]](#). These standards are currently being revised to align more closely with international standards.
- Development of [112H\[ISO21090- 2008\]: Health Informatics – Harmonized data types for information exchange](#). This draft standard is currently being balloted and is likely to become a full standard in mid-2009.

As such, this document is subject to change in the short term to medium term. It's initial release is to provide information to support other NEHTA specifications and also to invite stakeholder feedback into the review process.

1.2 Intended Audience

This document is intended to be read by jurisdictional ICT managers, clinicians involved in Clinical Information System specifications, software architects and developers, and implementers of Clinical Information Systems in various health care settings.

It is reasonably technical in nature and expects the audience to be familiar with the language of health data specification and have some familiarity with health information standards and specifications. Definitions and examples are provided to clarify relevant terminology usage and intent.

1.3 Readers Guide

Data Specifications – Guide for Use [\[DS-GUIDE\]](#) - this guide describes the generic data structures, data types, keywords and icons used within this Data Specification.

¹ [NPFIT-FNT-TO-SCG-0019.04], p.4 and p.6

1.4 Definition of Participation

A participation is defined in the HL7 Reference Information Model (RIM) [HL7RIM] specification as “An association between an Act and a Role. The Entity playing the Role is the actor.” The associated HL7 class “expresses the context for an act in terms of who performed it, for whom it was done, where it was done etc.”

The *NEHTA Interoperability Framework v2.0* [NEHTAIF-2007] defines the concept of “actions” and “actors” as follows:

“The concept of action is defined as ‘something that happens’.... Examples in the organisational perspective are actions performed by clinicians or IT systems, possibly as part of a more complex business processes.... With respect to a given action, an entity can be related to the action ... as an actor”.

The primary actors in the health sector are healthcare clients and healthcare providers. The demographic information required to enable identification of these actors are defined in the following Australian Standards:

- [AS5017-2006](#) *Health Care Client Identification*
- [AS4846-2006](#) *Health Care Provider Identification*

This participation data specification aligns the concepts described above into a single information model. It contains a model to describe the individuals, organisations and IT systems that operate within healthcare domains (participants) and the roles that they may play within those domains.

1.5 Alignment with AS 5017 and AS 4846

This specification seeks to adopt, with appropriate variations, a number of relevant definitions, data type and value domains from related Australian Standards. Additional data types are included where necessary. Examples include:

Data Element	Australian Standards	This Specification
Date Range	Uses two separate data elements – i.e. a ‘start date’ and an ‘end date’	One data element bound to a ‘TimeInterval’ data type used.
Date Accuracy Indicator	Used by a number of date data elements	Dates defined in accordance with ISO8601 which allows approximate dates
Sequence Numbers	Associated with a data element to specify ordering – e.g. Name Title, Given Name	Sequence numbers not used. Instead, the associated data element is shown as repeating– all repeating data elements are ordered by implication.
Address Line	Specifies each atomic component of an address line	Only allows for a text based address line to be provided
Department / Unit within Organisation Name Detail	Not in the current AS4846-2006 standard.	Included to generate discussion on the need to recognise lower level areas within an organisation that requires distinct identification.

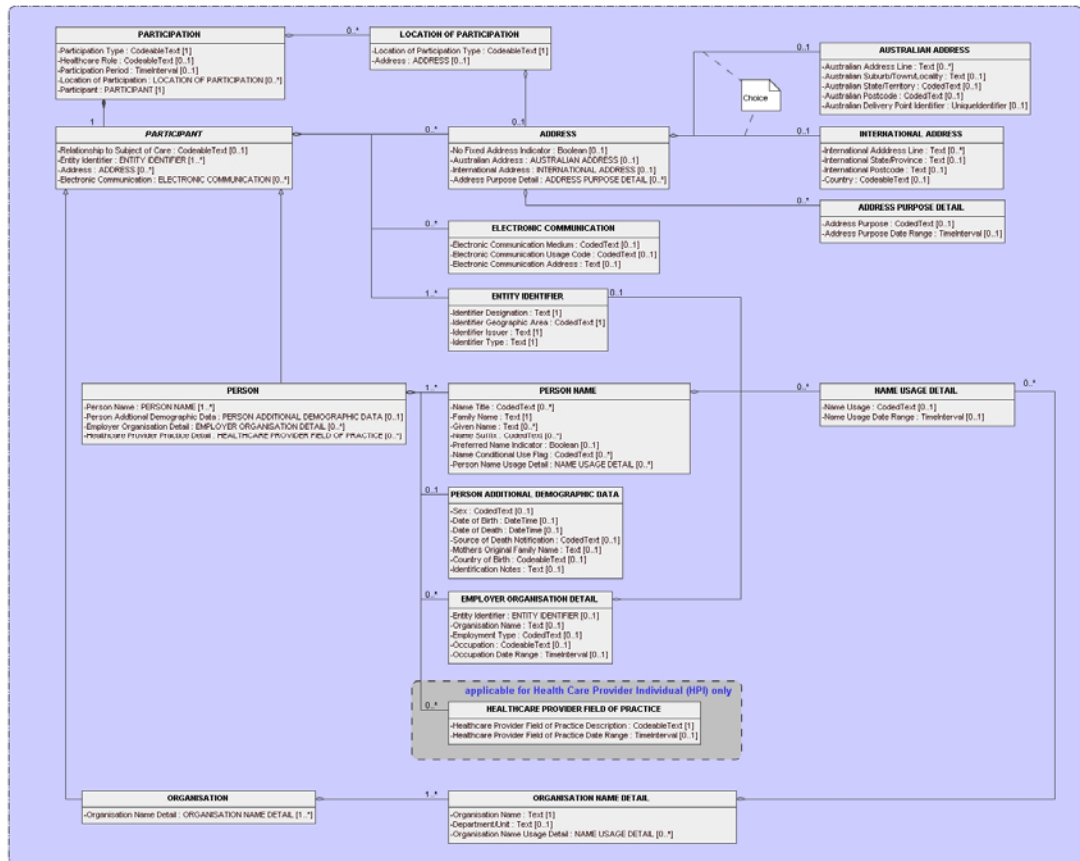
Data Element	Australian Standards	This Specification
Person	Represented in AS4846 as Health Care Provider. Represented in AS5017 as Health Care Client.	Single data group that combines all Person related data elements where Health Care Client or Health Care Provider is defined by the optional Healthcare Role.
Birth Plurality	AS5017 – Health Care Client Additional Demographic Data	Omitted - only includes those elements currently in use within NEHTA data specifications.
Birth Order	AS5017 – Health Care Client Additional Demographic Data	Omitted - only includes those elements currently in use within NEHTA data specifications.
Employer Organisation Details	Not in the current AS4846-2006 standard.	Included to generate discussion on the need to identify the relationship between an individual provider and an organisation related to a specific event.

AS5017 and AS4846 contain a guide for use, verification rules and collection methods for common data elements and should be referred to for this information.

1.6 Relationship to NEHTA e-Health ID Services













AS5017 has been used to define the structure of the Individual Healthcare Identifier (IHI) name and address and that AS4846 has been used to define the structure of the Healthcare Provider Identifier (HPI) name and address (*UHI Detailed Business Requirements v2.0 3/09/2007 [DBRUHI-2007]*). This means that this data specification will be able to demonstrate alignment with the NEHTA e-Health ID Services when they become available.

2 UML Diagram










3 Data Hierarchy

The data hierarchy provides a visual representation of the content and logical layout of the Participation data structure.

 PARTICIPATION (applicable to all participations)				
	PARTICIPATION			
	T/T ₀₁₀	Participation Type		!
	T/T ₀₁₀	Healthcare Role		o
		Participation Period		o
		LOCATION OF PARTICIPATION		o ↻
		T/T ₀₁₀	Location of Participation Type	!
			Location of Participation Address (Reuse of ADDRESS)	o
		PARTICIPANT		!
		T/T ₀₁₀	Relationship to Subject of Care	o
			ENTITY IDENTIFIER	! ↻
		T	Identifier Designation	!
		T ₀₁₀	Identifier Geographic Area	!
		T	Identifier Issuer	!
		T	Identifier Type	!
			ADDRESS	o ↻
			No Fixed Address Indicator	o
			AUSTRALIAN ADDRESS	<i>a→b</i>
		T	Australian Address Line	o ↻
		T	Australian Suburb/Town/Locality	o
		T ₀₁₀	Australian State/Territory	o
		T ₀₁₀	Australian Postcode	o
		ID	Australian Delivery Point Identifier	o
			INTERNATIONAL ADDRESS	<i>a→b</i>
		T	International Address Line	o ↻
		T	International State/Province	o
		T	International Postcode	o
		T/T ₀₁₀	Country	o
			ADDRESS PURPOSE DETAIL	o ↻

				T ₀₁₀	Address Purpose	o
					Address Purpose Date Range	o
			ELECTRONIC COMMUNICATION DETAILS			o ↻
			T ₀₁₀	Electronic Communication Medium		o
			T ₀₁₀	Electronic Communication Usage Code		o
			T	Electronic Communication Address		o
PERSON OR ORGANISATION (A choice depending on whether the Participant is a Person or an Organisation)						
			PERSON			a→b
				PERSON NAME		! ↻
				T ₀₁₀	Name Title	o ↻
				T	Family Name	!
				T	Given Name	o ↻
				T ₀₁₀	Name Suffix	o ↻
				✓x	Preferred Name Indicator	o
				T ₀₁₀	Name Conditional Use Flag	o ↻
					NAME USAGE DETAIL	o ↻
				T ₀₁₀	Name Usage	o
					Name Usage Date Range	o
				PERSON ADDITIONAL DEMOGRAPHIC DATA		o
				T ₀₁₀	Sex	o
					Date of Birth	o
					Date of Death	o
				T ₀₁₀	Source of Death Notification	o
				T	Mothers Original Family Name	o
				T/T ₀₁₀	Country of Birth	o
				T	Identification Notes	o
				EMPLOYER ORGANISATION DETAIL		o ↻
				ENTITY IDENTIFIER		a→b
				T	Identifier Designation	!
				T ₀₁₀	Identifier Geographic Area	!
				T	Identifier Issuer	!
				T	Identifier Type	!

				T	Organisation Name	<i>a→b</i>
				T ₀₁₀	Employment Type	O
				T/T ₀₁₀	Occupation	O
					Occupation Date Range	O
Applicable for Health Care Provider Individual (HPI-I) only						
				HEALTHCARE PROVIDER FIELD OF PRACTICE		<i>a→b</i> ↻
				T/T ₀₁₀	Healthcare Provider Field of Practice Description	!
					Healthcare Provider Field of Practice Date Range	O
			ORGANISATION			<i>a→b</i>
				ORGANISATION NAME DETAIL		! ↻
				T	Organisation Name	!
				T	Department/Unit	O
				ORGANISATION NAME USAGE DETAIL		O ↻
				T ₀₁₀	Name Usage	O
					Name Usage Date Range	O

4 Data Specifications

The following part of the document expands on the details for each Section, Data Group and Data Element shown in the Data Hierarchy. The tables below illustrate the layout and define what each of the components is and in some cases the Metadata type it is applicable to.

Identification

T/T₀₁₀

Name	Item Name
Metadata Type	Metadata type e.g. Section, Data Group or Data Element
Identifier	NEHTA internal Identifier.
Version	Item Version number used to track structural changes to published versions of data groups. This provides a pointer to the applicable data group within the NEHTA data library repository. Note that the applicable data group within a Structured Document Template may not be the latest published version. Applicable only to data groups.

Definition

Definition	The definition of the item. For data groups used in a particular context the definition may be a refinement of the generic data group definition.
Synonymous Names	List of any names the item may also be known as. Implementers may prefer to use synonymous names to refer to the item in specific contexts.
Notes	Informative text further describing the item. The purpose of the notes section is to include extra information that further describes the item, adds context or assists in the understanding of how the data item can be used.
Datatype	The datatype of the data element. E.g. DateTime or Text. Applicable only to data elements. The document "NEHTA Data Types" [NEHTA-DT] contains detailed specifications for each of these datatypes.
Value Domain	Contains the name and identifier of the defined value domain, or a statement describing what values to use in the absence of a defined value domain for the related data element. Applicable only to CodedText and CodeableText data elements.

Usage

Example

The usage section displays one or more examples of the data that is catered for by the data element. In the SDT, examples are only included for Data Elements. Implementation guides may contain examples for how data groups should be populated and how they relate to each other.

Where a data element has an associated value domain examples representative of that domain are used where possible. Where the value domain is yet to be determined an indicative example is provided.

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
Icon illustrating the Metadata or Datatype	Item Name	Version of the item – only applicable for Data Groups	Obligation of this child item to the item described on this page	The conditions that must be met to include this child data element. Only applicable for elements with a Conditional obligation	The number of instances of this child item that must occur as determined by the obligation and multiplicity.

Parent

Type	Name	Version	Obligation	Condition	Occurrence
Icon illustrating the Metadata or Datatype	Item Name	Version of the item – only applicable for Data Groups	Obligation of the item described on this page to this parent item.	The conditions that must be met to include the data element. Only applicable for elements with a Conditional obligation	The number of instances of the item described on this page that must occur as determined by the obligation and multiplicity.

For Participation data groups the following child table is provided.

Type	Name	Condition	Occurrence
Icon illustrating the Metadata or Datatype	Item name	<p>For Healthcare Role Healthcare Role.description="The Healthcare Role of the participant individual or organisation".</p> <p>For data groups Statement of reasons and/or conditions for inclusion of this data group.</p>	Number of instances of this item that must occur.

4.1 PARTICIPATION

Identification






Name	PARTICIPATION
Metadata Type	Data Group
Identifier	DG-10296
Version	1.0

Definition

Definition	An association between an Act and an entity (person or organisation) in a Healthcare Role.
Source	[HL7RIM]
Notes	<p>The Entity playing the Healthcare Role is the participant. The associated HL7 Participation class “expresses the context for an act in terms of who performed it, for whom it was done, where it was done etc”.</p> <p>An Act is ‘something that happens’ and in the healthcare sector are often performed by clinicians or IT systems as part of more complex business processes.</p>

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
T/T ₀₁₀	Participation Type		Essential		1
T/T ₀₁₀	Healthcare Role		Optional		0..1
	Participation Period		Optional		0..1
	LOCATION OF PARTICIPATION	1.0	Optional		0..*
	PARTICIPANT	1.0	Essential		1

4.2 Participation Type

Identification

T/T₀₁₀

Name	Participation Type
Metadata Type	Data Element
Identifier	DE-10297

Definition


Definition	A code specifying the kind of Participation or involvement the Entity playing the Role associated with the Participation has with regard to the associated Act.
Source	[HL7RIM]
Notes	
Datatype	CodeableText
Value Domain	Not specified - Use existing reference sets until NEHTA determines a suitable common reference set.

Usage

Example	Author Authoriser (of prescription, pathology report, etc) Prescriber Information (e.g. discharge summary) recipient, etc
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPATION	1.0	Essential		1

4.3 Healthcare Role

Identification



Name	Healthcare Role
Metadata Type	Data Element
Identifier	DE-10342

Definition


Definition	Describes the involvement of the participant in the related action.
Synonymous Names	Role Name
Source	[HL7RIM]
Notes	<p>A participant is linked to an action by one participation instance. The kind of involvement is specified by the Healthcare Role. The professional credentials of the participant may be quite different from the role the participant is playing in the specific act, e.g. an intern performing surgery under the supervision of an attending specialist.</p> <p>The role of an entity determines the permissions allowable in the health care participation, i.e. the type of health care services/procedure permitted and/or the type of health information that can be accessed by the entity in the role.</p>
Datatype	CodeableText
Value Domain	Not specified - Use existing reference sets until NEHTA determines a suitable common reference set.

Usage

Example	Performing Pathologist Prescriber Subject of Care (Patient) General practitioner Senior surgical registrar Attending physician Clinical nurse specialist Dietician Carer
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPATION	1.0	Optional		0..1

4.4 Participation Period

Identification



Name	Participation Period
Metadata Type	Data Element
Identifier	DE-10300

Definition


Definition	The valid time interval during which the participation occurred.
Source	
Notes	
Datatype	TimeInterval

Usage

Example

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPATION	1.0	Optional		0..1

4.5 LOCATION OF PARTICIPATION

Identification



Name	LOCATION OF PARTICIPATION
Metadata Type	Data Group
Identifier	DG-10343
Version	1.0

Definition

Definition	Specifies the geographic site (building, room, etc) where the participation of a healthcare event occurs.
Source	
Notes	<p>The "Location of Participation" may be distinctly different from the registered address/location of the Healthcare Provider Individual or Organisation.</p> <p>A health care event participation may occur in a single location (as in the cases of face-to-face healthcare consultation, ED encounter, inpatient event), or may occur over multiple locations (as in the case of telemedicine).</p>

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
T/T ₀₁₀	Location of Participation Type		Essential		1
	Location of Participation Address	1.0	Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPATION	1.0	Optional		0..*

4.6 Location of Participation Type

Identification

T/T₀₁₀

Name	Location of Participation Type
Metadata Type	Data Element
Identifier	DE-10344

Definition


Definition	A code specifying the type of location where the participation of health care event occurred
Source	
Notes	
Datatype	CodeableText
Value Domain	Not specified - Use existing reference sets until NEHTA determines a suitable common reference set.

Usage

Example	<p>Subject of Care (Patient) residence</p> <p>Site of accident (e.g. in event of natural disaster, ambulance calls)</p> <p>Health care facility responsible for treating patient</p> <p>Remote teleconsultation setting</p>
----------------	---


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	LOCATION OF PARTICIPATION	1.0	Essential		1

4.7 Location of Participation Address

Identification


 Name	LOCATION OF PARTICIPATION ADDRESS (Reuse of ADDRESS)
Metadata Type	Data Group
Identifier	DG-20106
Version	1.0

Definition




Definition	The description of a location where the Participation occurred.
Source	
Notes	Not required, e.g. when the address is the same as the Subject of Care's (Patient's) residence or health care facility responsible for treating the Subject of Care (Patient)

Relationships

Parent


Type	Name	Version	Obligation	Condition	Occurrence
	LOCATION OF PARTICIPATION	1.0	Essential		0..1

Children

Type	Name	Version	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	1.0	Conditional	This is used only when the address is within Australia	0..1
	INTERNATIONAL ADDRESS	1.0	Conditional	This is used only when the address is outside Australia	0..1
	ADDRESS PURPOSE DETAIL	1.0	Optional		0..*

4.8 PARTICIPANT

Identification







 Name	PARTICIPANT
Metadata Type	Data Group
Identifier	DG-10232
Version	1.0

Definition


Definition	Details pertinent to the identification of an individual or organisation or system that has participated in a healthcare event/encounter/clinical interaction.
Source	
Notes	<p>This may be a person (PARTICIPANT.PERSON), organisation (PARTICIPANT.ORGANISATION) or IT system (PARTICIPANT) that is capable of participating through a defined Healthcare Role in a specified business process.</p> <p>A Participant in a Healthcare event belong to these categories:</p> <ul style="list-style-type: none"> ▪ Person who is a Healthcare Provider ▪ Person who is not a Healthcare Provider ▪ Organisation that is a Healthcare Provider ▪ IT System

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
	Relationship to Subject of Care		Optional		0..1
	ENTITY IDENTIFIER	1.0	Essential		1..*
	ADDRESS	1.0	Optional		0..*
	ELECTRONIC COMMUNICATION DETAILS	1.0	Optional		0..*
	PERSON	1.0	Conditional	This is used only when the Participant is a Person	0..1
	ORGANISATION	1.0	Conditional	This is used only when the Participant is an Organisation	0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPATION	1.0	Essential		1

4.9 Relationship to Subject of Care

Identification



Name	Relationship to Subject of Care
Metadata Type	Data Element
Identifier	DE-20116

Definition


Definition	Descriptor that specifies the relationship of a participant to the Subject of Care in the Participation.
Source	
Synonymous Names	Relationship to Patient
Notes	Not required if Participant is the Subject of Care (Patient)
Datatype	CodeableText
Value Domain	Not specified - Use existing reference sets until NEHTA determines a suitable common reference set.

Usage

Example	<p>Nominated primary care provider</p> <p>Nominated information (e.g. discharge summary) recipient</p> <p>Nominated agent (e.g. for purpose of collecting dispensed medications from community pharmacy)</p> <p>Biological mother</p> <p>Defacto brother</p> <p>Primary healthcare provider</p> <p>Spouse</p>
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPANT	1.0	Optional		0..1

4.10 ENTITY IDENTIFIER

Identification



Name	ENTITY IDENTIFIER
Metadata Type	Data Group
Identifier	DG-10273
Version	1.0

Definition

Definition	A data group to hold identifiers to uniquely identify a person, organisation or other participant entity.
Source	
Notes	<p>There may be multiple identifiers collected for any one participant. Together, the four children of this data group make up one identifier.</p> <p>The participants IHI, HPI-I or HPO-I (if available) are representable in this data group and should be included if known. This data group may also be used to carry other identifiers for the participant.</p>

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
T	Identifier Designation		Essential		1
T ₀₁₀	Identifier Geographic Area		Essential		1
T	Identifier Issuer		Essential		1
T	Identifier Type		Essential		1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPANT	1.0	Essential		1..*
	EMPLOYER ORGANISATION DETAIL	1.0	Conditional	Must be present if Organisation Name is not present	0..1

4.11 Identifier Designation

Identification

T	Name	Identifier Designation
	Metadata Type	Data Element
	Identifier	DE-10274

Definition


Definition	A number or code assigned to a participant by an organisation, establishment or agency in order to uniquely identify that participant.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	Text

Usage

Example	The actual NEHTA UHI would be captured in this data element as a 16 character string, e.g. 8036000000000002
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ENTITY IDENTIFIER	1.0	Essential		1

4.12 Identifier Geographic Area

Identification

T₀₁₀

Name	Identifier Geographic Area
Metadata Type	Data Element
Identifier	DE-10275

Definition


Definition	A code representing a type of geographical or administrative area within which the individual or organisation identifier is applicable.
Source	[AS 5017-2006]
Notes	This data element would be set to '4' for a NEHTA UHI.
Datatype	CodedText
Value Domain	AS 5017 Health Care Client Geographic Area

Usage

Values	<ul style="list-style-type: none"> 1 Local Identifier 2 Area/Region/District Identifier 3 State or Territory Identifier 4 National Identifier
---------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ENTITY IDENTIFIER	1.0	Essential		1

4.13 Identifier Issuer

Identification

T	Name	Identifier Issuer
	Metadata Type	Data Element
	Identifier	DE-10277

Definition


Definition	The organisation that allocates an identifier which uniquely identifies an individual or organisation.
Source	[AS 5017-2006], [AS4846-2006]
Notes	NEHTA is currently considering a proposal to standardise the way the Identifier Issuer is captured across all healthcare domains.
Datatype	Text

Usage

Example	<ul style="list-style-type: none"> • Medicare Australia • Royal Melbourne Hospital • urn:xm1-gov-au:nehta:data • Australian Taxation Office
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ENTITY IDENTIFIER	1.0	Essential		1

4.14 Identifier Type

Identification

T

Name	Identifier Type
Metadata Type	Data Element
Identifier	DE-10278

Definition


Definition	The name/label of an identifier that is allocated by the issuer, which indicates the type of identifier.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	Text

Usage

Example	<ul style="list-style-type: none"> • Medicare Card Number • Medical Record Number • Australian Business Number (ABN) • Licence Number
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ENTITY IDENTIFIER	1.0	Essential		1

4.15 ADDRESS

Identification





 Name	ADDRESS
Metadata Type	Data Group
Identifier	DG-20106
Version	1.0

Definition



Definition	The description of a location where an entity (person or organisation) is located or can be otherwise reached or found and a description of the purpose for which that address is primarily used by that entity.
Source	[AS 5017-2006], [AS4846-2006]
Notes	The address may be an Australian or an International address. There may be multiple addresses associated with any one individual or organisation.

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
	No Fixed Address Indicator		Optional		0..1
	AUSTRALIAN ADDRESS	1.0	Conditional	This is used only when the address is within Australia	0..1
	INTERNATIONAL ADDRESS	1.0	Conditional	This is used only when the address is outside Australia	0..1
	ADDRESS PURPOSE DETAIL	1.0	Optional		0..*

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPANT	1.0	Optional		0..*
	LOCATION OF PARTICIPATION	1.0	Optional		0..1

4.16 No Fixed Address Indicator

Identification



Name	No Fixed Address Indicator
Metadata Type	Data Element
Identifier	DE-10231

Definition

Definition	A flag to indicate whether the entity has no fixed address.
Source	[AS 5017-2006]
Notes	If an entity has no fixed address then there should be no address recorded with an address purpose of residential, although there may be temporary or mailing addresses. ([AS 5017-2006])
Datatype	Boolean


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ADDRESS	1.0	Optional		0..1

4.17 AUSTRALIAN ADDRESS

Identification

	Name	AUSTRALIAN ADDRESS
	Metadata Type	Data Group
	Identifier	DG-10179
	Version	1.0

Definition


Definition	The description of an Australian location where an entity (person or organisation) is located or can be otherwise reached or found.
Source	
Notes	

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
T	Australian Address Line		Optional		0..*
T	Australian Suburb/Town/Local ity		Optional		0..1
T ₀₁₀	Australian State/Territory		Optional		0..1
T ₀₁₀	Australian Postcode		Optional		0..1
ID	Australian Delivery Point Identifier		Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ADDRESS	1.0	Conditional	This is used only when the address is within Australia	0..1

4.18 Australian Address Line

Identification

T

Name	Australian Address Line
Metadata Type	Data Element
Identifier	DE-10188

Definition


Definition	A composite of one or more standard address components that describes a low level of geographical/physical description of a location that, used in conjunction with the other high-level address components, i.e. Australian suburb/town/locality name, Australian postcode and Australian State/Territory, forms a complete geographical/physical address.
Source	[AS 5017-2006], [AS4846-2006]
Notes	<p>This item is a combination of the following standard address data elements that may be concatenated in the Australian Address line in the following sequence:</p> <ul style="list-style-type: none"> ▪ Australian Unit Type ▪ Australian Unit Number ▪ Australian Address Site Name ▪ Australian Level Type ▪ Australian Level Number ▪ Australian Street Number ▪ Australian Lot Number ▪ Australian Street Name ▪ Australian Street Type Code ▪ Australian Street Suffix Code ▪ Australian Postal Delivery Type ▪ Australian Postal Delivery Number <p>See [AS 5017-2006] and/or [AS4846-2006] for a full specification of these data elements.</p>
Datatype	Text

Usage

Example	L 15 Rm 2B 27 James Street U 2A Technology Park, 4 Centre Road
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	1.0	Optional		0..*

4.19 Australian Suburb/Town/Locality

Identification

T

Name	Australian Suburb/Town/Locality
Metadata Type	Data Element
Identifier	DE-10200

Definition


Definition	The full name of the general locality contained within the specific address.
Source	[AS 5017-2006], [AS4846-2006]
Notes	<p>Australian Suburb/Town/Locality may be a town, city, suburb or commonly used location name such as a large agricultural property or Aboriginal community.</p> <p>Data in this data element should be verified against the locality field contained within the Australia Post Postcode File (see www.auspost.com.au/postcodes) ([AS 5017-2006], [AS4846-2006])</p>
Datatype	Text
Value Domain	Values in this data element should comply with descriptions in the Australia Post Postcode File (see www.auspost.com.au/postcodes)

Usage

Example	<p>Oakhampton Heights</p> <p>Sulphur Creek</p> <p>Melbourne</p>
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	1.0	Optional		0..1

4.20 Australian State/Territory

Identification

T₀₁₀

Name	Australian State/Territory
Metadata Type	Data Element
Identifier	DE-10302

Definition


Definition	An identifier of the Australian State or Territory.
Source	[AS 5017-2006], [AS4846-2006]
Notes	Note that the value domain specified is a variation on the AS4846/AS5017 standards. The ABS standard has been adopted by the AIHW (DE-286919)
Datatype	CodedText
Value Domain	Australian Bureau of Statistics Australian Standard Geographical Classification (ASGC). Cat No. 1216.0

Usage

Values	Code	Description
	1	New South Wales
	2	Victoria
	3	Queensland
	4	South Australia
	5	Western Australia
	6	Tasmania
	7	Northern Territory
	8	Australian Capital Territory
	9	Other territories (Cocos (Keeling) Islands, Christmas Island and Jervis Bay Territory)

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	1.0	Optional		0..1

4.21 Australian Postcode

Identification

T₀₁₀

Name	Australian Postcode
Metadata Type	Data Element
Identifier	DE-10212

Definition


Definition	The numeric descriptor for a postal delivery area (as defined by Australia Post), aligned with locality, suburb or place for the address.
Source	[AS 5017-2006], [AS4846-2006]
Notes	<p>Postcode is an important part of a postal address and facilitates written communication. It is one of a number of geographic identifiers that can be used to determine a geographic location. Postcode may also assist with uniquely identifying a person or organisation.</p> <p>Data in this data element should be verified against the locality field contained within the Australia Post Postcode book (see www.auspost.com.au/postcodes).</p> <p>This book is updated more than once annually as postcodes are dynamic entities and are constantly changing.</p> <p>([AS 5017-2006], [AS4846-2006])</p>
Datatype	CodedText
Value Domain	Australia Post Postcode book. Reference through: http://www.auspost.com/postcodes/

Usage

Example	5091
----------------	------

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	1.0	Optional		0..1

4.22 Australian Delivery Point Identifier

Identification

ID	Name	Australian Delivery Point Identifier
	Metadata Type	Data Element
	Identifier	DE-10211

Definition


Definition	A unique number assigned to a postal delivery point as recorded on the Australia Post Postal Address File (PAF).
Source	[AS 5017-2006], [AS4846-2006]
Notes	<p>Australia Post maintains a Postal Address File (PAF) database which contains over 9.4 million Australian postal delivery addresses and their corresponding 8 character unique identification number known as an Australian Delivery Point Identifier (ADPID).</p> <p>This file is made commercially available through the AMAS program and is updated quarterly.</p> <p>([AS 5017-2006], [AS4846-2006])</p>
Datatype	UniqueIdentifier
Value Domain	Australia Post Postcode book. Reference through: http://www.auspost.com/postcodes/

Usage

Example	87654321
----------------	----------


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	1.0	Optional		0..1

4.23 INTERNATIONAL ADDRESS

Identification

	Name	INTERNATIONAL ADDRESS
	Metadata Type	Data Group
	Identifier	DG-10261
	Version	1.0

Definition

Definition	The description of a non-Australian location where an entity (person or organisation) is located or can be otherwise reached or found.
Source	
Notes	

Usage


Example	<ol style="list-style-type: none"> 3424 Kossuth Avenue, Bronx, New York, 10467, United States of America Raddlebarn Road, Selly Oak, Birmingham, B29 6JD, England
----------------	---

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
T	International Address Line		Optional		0..*
T	International State/Province		Optional		0..1
T	International Postcode		Optional		0..1
T/T ₀₁₀	Country		Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ADDRESS	1.0	Conditional	This is used only when the address is outside Australia	0..1

4.24 International Address Line

Identification

T

Name	International Address Line
Metadata Type	Data Element
Identifier	DE-10222

Definition


Definition	A composite of address details comprising a low level geographical/physical description of a location that, used in conjunction with the other high-level address components, i.e. international state/province, international postcode and country, forms a complete geographic/physical address.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	Text

Usage

Example	<ol style="list-style-type: none"> 3424 Kossuth Avenue, Bronx Raddlebarn Road, Selly Oak
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	INTERNATIONAL ADDRESS	1.0	Optional		0..*

4.25 International State/Province

Identification

T

Name	International State/Province
Metadata Type	Data Element
Identifier	DE-10224

Definition


Definition	The designation applied to an internal, political or geographic division of a country other than Australia that is officially recognised by that country.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	Text

Usage

Example	<ol style="list-style-type: none"> 1. New York 2. Birmingham
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	INTERNATIONAL ADDRESS	1.0	Optional		0..1

4.26 International Postcode

Identification

T

Name	International Postcode
Metadata Type	Data Element
Identifier	DE-10225

Definition


Definition	The numeric descriptor for a postal delivery area (as defined by the postal service of a country other than Australia) aligned with locality, suburb or place for an address.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	Text

Usage

Example	<ol style="list-style-type: none"> 10467 B29 6JD
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	INTERNATIONAL ADDRESS	1.0	Optional		0..1

4.27 Country

Identification



Name	Country
Metadata Type	Data Element
Identifier	DE-10227

Definition


Definition	The country component of the address.
Source	[AS 5017-2006], [AS4846-2006]
Notes	Note that this data element represents a variation on AS4846 and AS5017 which only require the code associated with the country.
Datatype	CodeableText
Value Domain	Australia Bureau of Statistics, Standard Australian Classification of Countries (SACC) Cat. No. 1269

Usage

Example	8104 United States of America 2102 England
----------------	---


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	INTERNATIONAL ADDRESS	1.0	Optional		0..1

4.28 ADDRESS PURPOSE DETAIL

Identification



	Name	ADDRESS PURPOSE DETAIL
	Metadata Type	Data Group
	Identifier	DG-10263
	Version	1.0

Definition


Definition	This data group contains data elements which provide details on the relationship between the address and the entity to which it relates.
Source	[AS 5017-2006], [AS4846-2006]
Notes	

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
	Address Purpose		Optional		0..1
	Address Purpose Date Range		Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ADDRESS	1.0	Optional		0..*

4.29 Address Purpose

Identification

T₀₁₀

Name	Address Purpose
Metadata Type	Data Element
Identifier	DE-10264

Definition


Definition	Indicates the purpose for which the address is being used by the entity.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	CodedText
Value Domain	AS4846 Address Purpose Values

Usage

Values	Code	Descriptor	Alternative Code
	1	Business	B
	2	Mailing or Postal	M
	3	Temporary Accommodation	T
	4	Residential (permanent)	R
	9	Not Stated/Unknown/Inadequately Described	U

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ADDRESS PURPOSE DETAIL	1.0	Optional		0..1

4.30 Address Purpose Date Range

Identification



Name	Address Purpose Date Range
Metadata Type	Data Element
Identifier	DE-10266

Definition


Definition	A date range that specifies the date on which the address purpose is first applicable and the date on which the address purpose is no longer applicable.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	TimeInterval

Usage

Example	10/12/1995; 30/01/1996
----------------	------------------------


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ADDRESS PURPOSE DETAIL	1.0	Optional		0..1

4.31 ELECTRONIC COMMUNICATION DETAILS

Identification




	Name	ELECTRONIC COMMUNICATION DETAILS
	Metadata Type	Data Group
	Identifier	DG-20111
	Version	1.0

Definition


Definition	This data group contains data elements used to capture and store the electronic communication details of entities.
Source	
Synonymous Names	Electronic Contact Details
Notes	Examples of contact details that may be collected include telephone numbers, fax numbers, pager numbers, email address, URL and other types of electronic communication mediums.

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
	Electronic Communication Medium		Optional		0..1
	Electronic Communication Usage Code		Optional		0..1
	Electronic Communication Address		Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPANT	1.0	Optional		0..*

4.32 Electronic Communication Medium

Identification

T₀₁₀

Name	Electronic Communication Medium
Metadata Type	Data Element
Identifier	DE-10228

Definition


Definition	Indicates the type of electronic communication medium.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	CodedText
Value Domain	Values from [AS 5017-2006], [AS4846-2006]

Usage

Values	<ul style="list-style-type: none"> 1 Telephone (excluding mobile telephone) 2 Mobile (cellular) telephone 3 Facsimile machine 4 Pager 5 Email 6 URL 8 Other
---------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ELECTRONIC COMMUNICATION DETAILS	1.0	Optional		0..1

4.33 Electronic Communication Usage Code

Identification

T₀₁₀

Name	Electronic Communication Usage Code
Metadata Type	Data Element
Identifier	DE-10271

Definition


Definition	A code representing the manner of use that is applied to an electronic communication medium.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	CodedText
Value Domain	[AS 5017-2006], [AS4846-2006] Electronic Communication Usage Code Values

Usage

Values	<ul style="list-style-type: none"> 1 Business 2 Personal 3 Both business and personal use
---------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ELECTRONIC COMMUNICATION DETAILS	1.0	Optional		0..1

4.34 Electronic Communication Address

Identification

T

Name	Electronic Communication Address
Metadata Type	Data Element
Identifier	DE-10229

Definition


Definition	A unique combination of characters used as input to electronic telecommunication equipment for the purpose of contacting an entity.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	Text

Usage

Example	<ul style="list-style-type: none"> • 08 8226 6000 • 0417 123 456 • John.citizen@isp.com.au
----------------	--


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ELECTRONIC COMMUNICATION DETAILS	1.0	Optional		0..1

4.35 PERSON

Identification





	Name	PERSON
	Metadata Type	Data Group
	Identifier	DG-10233
	Version	1.0

Definition


Definition	<p>An individual who uses or is a potential user of a healthcare service, or is in the role of health care provider.</p> <p>A health care provider is any person who is involved in or associated with the delivery of health care to a Subject of Care (Patient), or caring for Subject of Care (Patient) wellbeing.</p>
Source	
Synonymous Names	Individual
Notes	<p>Inclusion of the data group PERSON is conditional upon the participant being a person.</p> <ul style="list-style-type: none"> Where the participant is a person (PARTICIPANT.PERSON) then the PERSON data group must be included. Where the participant is not a person then the PERSON data group must not be included.

Relationships

Children


Type	Name	Version	Obligation	Condition	Occurrence
	PERSON NAME	1.0	Essential		1..*
	PERSON ADDITIONAL DEMOGRAPHIC DATA	1.0	Optional		0..1
	EMPLOYER ORGANISATION DETAIL	1.0	Optional		0..*
	HEALTHCARE PROVIDER FIELD OF PRACTICE	1.0	Conditional	This is used only when the Person is a healthcare provider individual	0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPANT	1.0	Conditional	This is used only when the Participant is a Person	0..1

4.36 PERSON NAME

Identification

 Name	PERSON NAME
Metadata Type	Data Group
Identifier	DG-20105
Version	1.0

Definition









Definition	The appellation by which an individual may be identified separately from any other within a social context.
Source	
Notes	Captures the name details of a person. A person may have more than one name recorded.

Usage


Example	Prof Sir John Gregory Citizen III MP
---------	--------------------------------------

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
 T ₀₁₀	Name Title		Optional		0..*
 T	Family Name		Essential		1
 T	Given Name		Optional		0..*
 T ₀₁₀	Name Suffix		Optional		0..*
 ✓x	Preferred Name Indicator		Optional		0..1
 T ₀₁₀	Name Conditional Use Flag		Optional		0..*
 	NAME USAGE DETAIL	1.0	Optional		0..*

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON	1.0	Essential		1..*

4.37 Name Title

Identification

T₀₁₀

Name	Name Title
Metadata Type	Data Element
Identifier	DE-10217

Definition


Definition	An honorific form of address commencing a name and the order of the honorific form of address.
Source	[AS 5017-2006], [AS4846-2006]
Notes	The order is significant and must always be maintained.
Scope Source	
Datatype	CodedText
Value Domain	[AS4590- 2006] – Table A1 : Name Abbreviations

Usage

Example	Prof Sir <i>[John Gregory Citizen III MP]</i>
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON NAME	1.0	Optional		0..*

4.38 Family Name

Identification

T	Name	Family Name
	Metadata Type	Data Element
	Identifier	DE-10219

Definition


Definition	The name a person has in common with other members of his/her family, as distinguished from her/his first given name.
Source	[AS 5017-2006], [AS4846-2006]
Notes	Refer to AS 5017 for information on how to record family names in various scenarios.
Datatype	Text

Usage

Example	<i>[Prof Sir John Gregory] Citizen [III MP]</i>
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON NAME	1.0	Essential		1

4.39 Given Name

Identification

T	Name	Given Name
	Metadata Type	Data Element
	Identifier	DE-10235

Definition


Definition	The person's identifying names within the family group or by which the person is uniquely socially identified.
Source	[AS 5017-2006], [AS4846-2006]
Notes	All given names should be recorded in the correct sequence. Initials may be recorded in lieu of name.
Datatype	Text

Usage

Example	[Prof Sir] John Gregory [Citizen III MP]
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON NAME	1.0	Optional		0..*

4.40 Name Suffix

Identification

T₀₁₀

Name	Name Suffix
Metadata Type	Data Element
Identifier	DE-10220

Definition


Definition	Additional term used following a person's name to identify that person.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	CodedText
Value Domain	[AS4590- 2006] – Table A2 : Name Suffix Abbreviations

Usage

Example	[Prof Sir John Gregory Citizen] III MP
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON NAME	1.0	Optional		0..*

4.41 Preferred Name Indicator

Identification



Name	Preferred Name Indicator
Metadata Type	Data Element
Identifier	DE-10239

Definition

Definition	A flag to indicate that this is the name a person has selected for use.
Source	[AS 5017-2006], [AS4846-2006]
Notes	Preferred Name Indicator will apply to one iteration of the PERSON NAME at any given point in time, although the value may be changed over time.
Datatype	Boolean

Usage

Example

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON NAME	1.0	Optional		0..1

4.42 Name Conditional Use Flag

Identification

T₀₁₀

Name	Name Conditional Use Flag
Metadata Type	Data Element
Identifier	DE-10240

Definition


Definition	An indicator of specific conditions that should be applied to a particular health care client name.
Source	[AS 5017-2006], [AS4846-2006]
Notes	A single name may have multiple name conditional use flags associated with it.
Datatype	CodedText
Value Domain	HL7 Table 0099 : VIP Indicator Flag

Usage

Values	<ul style="list-style-type: none"> 1 Unreliable information 2 Name not to be used 3 Special privacy / security arrangement 4 Temporary name
---------------	---


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON NAME	1.0	Optional		0..*

4.43 NAME USAGE DETAIL

Identification



	Name	NAME USAGE DETAIL
	Metadata Type	Data Group
	Identifier	DG-10279
	Version	1.0

Definition


Definition	A data group that enables differentiation between recorded names and the periods of time for which those names were applicable.
Source	[AS 5017-2006], [AS4846-2006]
Notes	The obligation for this data group is stated in both [AS 5017-2006] and [AS4846-2006] is optional however the Guide for use in both standards contradicts this by stating that each name must have one or more Name Usages associated with it. For the purpose of this specification name usage has been set as optional.

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
	Name Usage		Optional		0..1
	Name Usage Date Range		Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON NAME	1.0	Optional		0..*

4.44 Name Usage

Identification

T₀₁₀

Name	Name Usage
Metadata Type	Data Element
Identifier	DE-10280

Definition


Definition	A classification that enables differentiation between recorded names for a person.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	CodedText
Value Domain	AS5017-2006 Name usage codes (alternate codes)

Usage

Example	L - Registered Name (Legal Name) R - Reporting Name N - Newborn Name
----------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	NAME USAGE DETAIL	1.0	Optional		0..1

4.45 Name Usage Date Range

Identification



Name	Name Usage Date Range
Metadata Type	Data Element
Identifier	DE-10282

Definition

Definition	The date range which indicates the beginning and end of the period during which a person commences to be known by a particular name.
Source	[AS 5017-2006], [AS4846-2006]
Notes	
Datatype	TimeInterval

Usage

Example


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	NAME USAGE DETAIL	1.0	Optional		0..1

4.46 PERSON ADDITIONAL DEMOGRAPHIC DATA

Identification








	Name	PERSON ADDITIONAL DEMOGRAPHIC DATA
	Metadata Type	Data Group
	Identifier	DG-10241
	Version	1.0

Definition


Definition	This data group contains additional data elements that represent other characteristics of a person that may be useful for identification or other clinical purposes.
Source	[AS 5017-2006], [AS4846-2006]
Notes	<p>Any other required demographic details not related to the person name or address may be contained within this data group. The requirement to supply each of these items will vary within participant instances.</p> <p>Data elements in this group have been sourced from and aligned with [AS4846-2006] and [AS 5017-2006]. However, the group only includes those elements currently in use within NEHTA data specifications and therefore do not include birth order or birth plurality.</p> <p>Inclusion of Person Additional Demographic Data is conditional upon the participant being a person. Where the participant is a person (PARTICIPANT.PERSON) Person Additional Demographic Data may be included.</p>

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
	Sex		Optional		0..1
	Date of Birth		Optional		0..1
	Date of Death		Optional		0..1
	Source of Death Notification		Optional		0..1
	Mothers Original Family Name		Optional		0..1
	Country of Birth		Optional		0..1
	Identification Notes		Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON	1.0	Optional		0..1

4.47 Sex

Identification

T₀₁₀

Name	Sex
Metadata Type	Data Element
Identifier	DE-20107

Definition


Definition	Sex is a biological distinction between male and female. Where there is inconsistency between anatomical and chromosomal characteristics, sex is based on anatomical characteristics.
Source	[AS 5017-2006]
Notes	
Datatype	CodedText
Value Domains	Person–sex (METeOR id: 287316)

Usage

Values	<ul style="list-style-type: none"> 1 Male 2 Female 3 Intersex or indeterminate 9 Not stated / inadequately described
---------------	--

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON ADDITIONAL DEMOGRAPHIC DATA	1.0	Optional		0..1

4.48 Date of Birth

Identification



Name	Date of Birth
Metadata Type	Data Element
Identifier	DE-20108

Definition

Definition	The date of birth of the person.
Source	[AS 5017-2006]
Notes	Where the Date of Birth is not known an estimated date is permitted. The DateTime data type includes a flag that explicitly states whether or not the value is an estimation.
Datatype	DateTime

Usage

Example


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON ADDITIONAL DEMOGRAPHIC DATA	1.0	Optional		0..1

4.49 Date of Death

Identification

	Name	Date of Death
	Metadata Type	Data Element
	Identifier	DE-21169

Definition


Definition	The date of death of the person.
Source	[AS 5017-2006]
Notes	Where the Date of Death is not known an estimated date is permitted.
Datatype	DateTime

Usage

Example

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON ADDITIONAL DEMOGRAPHIC DATA	1.0	Optional		0..1

4.50 Source of Death Notification

Identification

T₀₁₀

Name	Source of Death Notification
Metadata Type	Data Element
Identifier	DE-10243

Definition


Definition	Describes the source of death information relating to the date of death.
Source	[AS 5017-2006]
Notes	
Datatype	CodedText
Value Domain	AS 5017 Source of Death Notification Data Domain

Usage

Values	<ul style="list-style-type: none"> 1 Official death certificate or death register 2 Healthcare provider 3 Relative 4 Other 9 Unknown
---------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON ADDITIONAL DEMOGRAPHIC DATA	1.0	Optional		0..1

4.51 Mothers Original Family Name

Identification

T	Name	Mothers Original Family Name
	Metadata Type	Data Element
	Identifier	DE-10245

Definition


Definition	The original family name of the person's mother.
Source	[AS 5017-2006]
Notes	May be used to confirm the identity of the person.
Datatype	Text

Usage

Example	Jones
----------------	-------

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON ADDITIONAL DEMOGRAPHIC DATA	1.0	Optional		0..1

4.52 Country of Birth

Identification



Name	Country of Birth
Metadata Type	Data Element
Identifier	DE-21139

Definition


Definition	The country in which the person was born.
Source	[AS 5017-2006]
Notes	
Datatype	CodeableText
Value Domain	Australia Bureau of Statistics, Standard Australian Classification of Countries (SACC) Cat. No. 1269

Usage

Example	8104 United States of America 2102 England
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON ADDITIONAL DEMOGRAPHIC DATA	1.0	Optional		0..1

4.53 Identification Notes

Identification

T	Name	Identification Notes
	Metadata Type	Data Element
	Identifier	DE-10247

Definition


Definition	Notes which may be used to assist in distinguishing between two or more persons with the same or similar demographic information.
Source	[AS 5017-2006]
Notes	Should only be used for the stated purpose, and should not contain comments about a person's character,
Datatype	Text

Usage

Example	<ul style="list-style-type: none"> • Double check spelling of family name • Confirm date of birth
----------------	---


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON ADDITIONAL DEMOGRAPHIC DATA	1.0	Optional		0..1

4.54 EMPLOYER ORGANISATION DETAIL

Identification

 Name	EMPLOYER ORGANISATION DETAIL
Metadata Type	Data Group
Identifier	DG-10286
Version	1.0

Definition



Definition	This data group contains details of the organisation that the individual is working for in respect to the role they are playing in the nominated participation.
Source	
Notes	

Usage


Example

Relationships

Children

Type	Name	Condition	Occurrence
	ENTITY IDENTIFIER	Must be present if Organisation Name is not present	0..1
T	Organisation Name	Must be present if ENTITY IDENTIFIER is not present	0..1
T ₀₁₀	Employment Type		0..1
T/T ₀₁₀	Occupation		0..1
	Occupation Date Range		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON	1.0	Optional		0..*

4.55 Organisation Name

Identification

T	Name	Organisation Name
	Metadata Type	Data Element
	Identifier	DE-10213

Definition


Definition	The name by which the organisation is known or called.
Source	
Notes	Generally, the complete organisation name should be used to avoid any ambiguity in identification. This should usually be the same as company registration name and/or ABN (AS4846). However, a short name or locally used name (e.g. where a medical practice/trading name that is different to the company registration name) can be used.
Datatype	Text

Usage

Example	<ul style="list-style-type: none"> • Medicare Australia • Royal Adelaide Hospital • Strathfield Pharmacy
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	EMPLOYER ORGANISATION DETAIL	1.0	Conditional	Must be present if ENTITY IDENTIFIER not present	0..1

4.56 Employment Type

Identification

T₀₁₀

Name	Employment Type
Metadata Type	Data Element
Identifier	DE-10287

Definition


Definition	The basis on which the person is employed by the employer organisation.
Source	
Notes	
Datatype	CodedText
Value Domain	Not specified - Use existing reference sets until NEHTA determines a suitable common reference set.

Usage

Example	Full-time Part-time Casual
----------------	----------------------------------

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	EMPLOYER ORGANISATION DETAIL	1.0	Optional		0..1

4.57 Occupation

Identification



Name	Occupation
Metadata Type	Data Element
Identifier	DE-10289

Definition

Definition	A descriptor of the class of job based on similarities in the tasks undertaken.
Source	METeOR (NHDD V14)
Notes	
Datatype	CodeableText
Value Domain	1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, 2006 - METeOR 350899

Usage

Example	253111 General Medical Practitioner 254111 Midwife 251513 Retail Pharmacist
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	EMPLOYER ORGANISATION DETAIL	1.0	Optional		0..1

4.58 Occupation Date Range

Identification



Name	Occupation Date Range
Metadata Type	Data Element
Identifier	DE-10291

Definition

Definition	The time period for which an individual health care provider practised in an identified occupation.
Source	
Notes	
Datatype	TimeInterval

Usage

Examples


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	EMPLOYER ORGANISATION DETAIL	1.0	Optional		0..1

4.59 HEALTHCARE PROVIDER FIELD OF PRACTICE

Identification

 Name	HEALTHCARE PROVIDER FIELD OF PRACTICE
Metadata Type	Data Group
Identifier	DG-10292
Version	1.0

Definition



Definition	Describes the field that an individual healthcare provider identifies as being their field of practice, i.e. the skill or knowledge in a particular area practised by that provider, and the period of time associated with that field of practice. [AS4846-2006]
Source	
Synonymous Names	Healthcare Provider Practice Detail
Notes	Inclusion of this data group is conditional upon the participant being an individual healthcare provider.

Usage


Example	253111 General Medical Practitioner, 02/02/1980; 01/01/1999
----------------	--

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
	Healthcare Provider Field of Practice Description		Essential		1
	Healthcare Provider Field of Practice Date Range		Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PERSON	1.0	Conditional	Where the participant is an individual healthcare provider Healthcare Provider Practice Detail may be included. Where the participant is not an individual healthcare provider Health Provider Practice Detail must not be included.	0..*

4.60 Healthcare Provider Field of Practice Description

Identification

T/T₀₁₀

Name	Healthcare Provider Field of Practice Description
Metadata Type	Data Element
Identifier	DE-10249

Definition


Definition	The description of the field of practice that an individual health care provider identifies as being their field of practice i.e. the skill or knowledge in a particular area practised by that provider.
Source	[AS4846-2006]
Notes	
Datatype	CodeableText
Value Domain	1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, 2006 - METeOR 350899

Usage

Example	253111 General Medical Practitioner 254111 Midwife 251513 Retail Pharmacist
----------------	---

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	HEALTHCARE PROVIDER FIELD OF PRACTICE	1.0	Essential		1

4.61 Healthcare Provider Field of Practice Date Range

Identification



Name	Healthcare Provider Field of Practice Date Range
Metadata Type	Data Element
Identifier	DE-10293

Definition


Definition	The date range which indicates the beginning and end of the period during which the health care provider practised in a field of practice.
Source	[AS4846-2006]
Notes	
Datatype	TimeInterval

Usage

Examples	02/02/1980; 01/01/1999
-----------------	------------------------


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	HEALTHCARE PROVIDER FIELD OF PRACTICE	1.0	Optional		0..1

4.62 ORGANISATION

Identification

 Name	ORGANISATION
Metadata Type	Data Group
Identifier	DG-10294
Version	1.0

Definition


Definition	Describes one or more organisations of interest to, or involved in, the business of health care service provision.
Source	[AS4846-2006]
Notes	<p>Inclusion of the data group ORGANISATION is conditional upon the participant being an organisation.</p> <ul style="list-style-type: none"> • Where the participant is an organisation (PARTICIPANT.ORGANISATION) then the ORGANISATION data group must be included. • Where the participant is not an organisation then the ORGANISATION data group must not be included.

Usage


Example

Relationships

Children


Type	Name	Version	Obligation	Condition	Occurrence
	ORGANISATION NAME DETAIL	1.0	Essential		1..*

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	PARTICIPANT	1.0	Conditional	This is used only when the Participant is an Organisation	0..1

4.63 ORGANISATION NAME DETAIL

Identification

 Name	ORGANISATION NAME DETAIL
Metadata Type	Data Group
Identifier	DG-10295
Version	1.0

Definition


Definition	This data group contains data elements commonly used to identify organisations that exist within healthcare domains.
Source	[AS4846-2006]
Notes	

Usage


Example	<ul style="list-style-type: none"> Royal Adelaide Hospital Cardiac Unit
----------------	---

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
T	Organisation Name		Essential		1
T	Department/Unit		Optional		0..1
	ORGANISATION NAME USAGE DETAIL	1.0	Optional		0..*

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ORGANISATION	1.0	Essential		1..*

4.64 Organisation Name

Identification

T	Name	Organisation Name
	Metadata Type	Data Element
	Identifier	DE-10213

Definition


Definition	The name by which an organisation is known or called.
Source	[AS4846-2006]
Notes	
Datatype	Text

Usage

Example	Royal Adelaide Hospital
----------------	-------------------------

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ORGANISATION NAME DETAIL	1.0	Essential		1

4.65 Department/Unit

Identification

T	Name	Department / Unit
	Metadata Type	Data Element
	Identifier	DE-21119

Definition


Definition	The name by which a department or unit within an organisation is known or called.
Source	
Notes	This is a new data element added to the ORGANISATION NAME DETAIL data group as a means of recognising lower level areas within an organisation that require distinct identification.
Datatype	Text

Usage

Example	Glenside Campus Cardiac Unit
----------------	---------------------------------

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ORGANISATION NAME DETAIL	1.0	Optional		0..1

4.66 ORGANISATION NAME USAGE DETAIL

Identification



Name	ORGANISATION NAME USAGE DETAIL (Reuse of NAME USAGE DETAIL)
Metadata Type	Data Group
Identifier	DG-10279
Version	1.0

Definition



Definition	A data group that enables differentiation between recorded names for an organisation and the periods of time for which those names were applicable.
Source	
Notes	

Usage


Example

Relationships

Children

Type	Name	Version	Obligation	Condition	Occurrence
 T ₀₁₀	Name Usage		Optional		0..1
	Name Usage Date Range		Optional		0..1

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ORGANISATION NAME DETAIL	1.0	Essential		1..*

4.67 Name Usage

Identification

T₀₁₀

Name	Name Usage
Metadata Type	Data Element
Identifier	DE-10280

Definition


Definition	A classification that enables differentiation between recorded names for an organisation or service location.
Source	[AS4846-2006]
Notes	
Datatype	CodedText
Value Domain	[AS4846-2006] Health Care Provider Organisation Name Usage Data Domain

Usage

Values	<ol style="list-style-type: none"> 1 Organisational unit/section/division name 2 Service location name 3 Business name 4 Locally used name 5 Abbreviated name 6 Enterprise name 8 Other 9 Unknown
---------------	---


Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ORGANISATION NAME USAGE DETAIL	1.0	Optional		0..1

4.68 Name Usage Date Range

Identification

	Name	Name Usage Date Range
	Metadata Type	Data Element
	Identifier	DE-10282

Definition


Definition	The date range which indicates the beginning and end of the period during which an organisation or service location is known by a particular name.
Source	[AS4846-2006]
Notes	
Datatype	TimeInterval

Usage

Example

Relationships

Parent

Type	Name	Version	Obligation	Condition	Occurrence
	ORGANISATION NAME USAGE DETAIL	1.0	Optional		0..1

Reference List

[REF]	Document Name	Publisher	Repository
[AS 5017-2006]	AS 5017 (2006) – Healthcare Client Identification	Standards Australia	http://www.e-healthstandards.org.au Accessed 7 April 2008
[AS4590-2006]	AS 4590 (2006) – Interchange of Client Information	Standards Australia	http://www.saiglobal.com/online/ Accessed 8 September 2008
[AS4846-2006]	AS 4846 (2006) – Healthcare Provider Identification	Standards Australia	http://www.e-healthstandards.org.au Accessed 7 April 2008
[DBRUHI-2007]	Detailed Business Requirements Unique Healthcare Identifier Version 2.0 – 3 September 2007	NEHTA	http://www.nehta.gov.au/e-health-id Accessed 29 January 2009
[DS-GUIDE]	NEHTA Data Specification and Structured Document Template Guide for Use – V0.4, Issued 25 March 2009	NEHTA	http://www.nehta.gov.au/clinical-information-mi Accessed 29 June 2009
[HL7RIM]	HL7 Version 3 Standard – Reference Information Model	HL7	http://www.hl7.org/v3ballot/html/welcome/environment/index.htm Accessed 29 January 2009
[ISO21090-2008]	ISO 21090:2008 – Health Informatics – Harmonized data types for information interchange	International Organisation for Standardization	http://www.iso.org Accessed 16 December 2008
[ISO8601-2004]	ISO 8601:2004 – Data elements and interchange formats – Information interchange – Representation of dates and times, Edition 3	ISO	http://www.iso.org Accessed 7 April 2008
[NEHTA-DT]	Data Types in NEHTA Specifications Version 0.2 – 14/11/2008	NEHTA	https://www.nehta.net.au/confluence/download/attachments/27459815/NEHTA+Data+Types.doc?version=1 Accessed 16 December 2008
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