nehta

Participation

Data Specification

Version 3.2 — 20 Jul 2011

Final

National E-Health Transition Authority Ltd

Level 25
56 Pitt Street
Sydney   NSW   2000
Australia
www.nehta.gov.au

Document Information

Document owner

Document Owner
The National Clinical Terminology and Information Service

Change history

Version	Date	Comments
1.0	30 Jun 2009	Initial public release
2.0	30 Nov 2009	The Participation specification has been extensively revised after identifying a number of specialisations of the concept that have widespread use. The following significant changes have been made, typically but not necessarily, in support of the specialisations: • Entity Identifier changed from a data group as per [SA2006a] and [SA2006b] to a UniqueIdentifier data element. • The "Location of Participation" and "Additional Demographic Data" data groups have been moved into specialisations and can now be found in "Participation Specialisations Data Specification V1.0". • Added ENTITLEMENT data group as a child of the PARTICIPANT data group. • Made explicit the distinction between a person participating in the capacity of a healthcare provider ("healthcare provider detail"), and that of a healthcare consumer or other person not acting in a healthcare provider capacity ("non healthcare provider detail"), and restructured the data hierarchy accordingly.
3.0	25 Aug 2010	The Participation model has been further revised to focus on identification of participants rather than wholesale transfer of information about participants. The following significant changes have been made: • Constrained many data elements, e.g. single Person Name, and maximum of two addresses. • Added the LOCATION OF PARTICIPATION data group. • Included additional data elements and added date accuracy indicators in the DEMOGRAPHIC DATA data group. • Added DEVICE data group as another choice child of the PARTICIPANT data group. • Added Unstructured Australian Address Line information as per [SA2006a] and [SA2006b]. • Removed "Name Usage" data groups.
3.1	29 Jun 2011	Various minor changes: • The constraint that PERSON NAME is Single has been relaxed. • The constraints that DEMOGRAPHIC DATA, Sex and DATE OF BIRTH DETAIL are Essential have been relaxed.

Version	Date	Comments
		• The conformance term MUST has been replaced with the equivalent term SHALL.
		• The conditions of use for EMPLOYER ORGANISATION have been clarified.
3.2	20 Jul 2011	The constraint that Entity Identifier is Single has been relaxed.

Related documents

Name	Version/Release Date
Data Specifications and Structured Document Templates - Guide for Use	Version 1.1, Issued September 2010
NEHTA Acronyms, Abbreviations & Glossary of Terms	Version 1.2, Issued 25 May 2005

Acknowledgements

NEHTA would like to thank the following organisations and individuals for their contribution to these data specifications:

- Standards Australia;

- Members of the Australian DataTypes Project;

- Australian Institute of Health & Welfare; and

- Ocean Informatics.

Table of Contents

1 Introduction

1.1 Purpose and Scope

The Participation Data Specification is a foundation document for the suite of data specifications that the National E-Health Transition Authority (NEHTA) is developing for the Australian health informatics community across a range of health topics. These specifications are generally agreed to be of high priority to standardise in order to achieve the benefits of semantic interoperability in the Australian healthcare setting. For information on the subject of semantic interoperability refer to Appendix B in the NEHTA Interoperability Maturity Model [NEHT2007c].

Participations are a fundamental concept within the NEHTA information model and are used extensively in NEHTA structured document templates (SDTs) and data specifications. Participations record context-specific information about relationships between participants and healthcare events. As such, Participations are only meaningful within the context in which they are used, i.e. Participation is not a stand-alone concept.

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 healthcare settings.

This document is reasonably technical in nature and so it is advisable that readers are familiar with the language of health data specifications and have some familiarity with health information standards and specifications such as HL7 CDA. Definitions and examples are provided to clarify relevant terminology usage and intent.

1.3 Definition of Participation

The primary purpose of a participation within NEHTA structured document templates is to provide sufficient information to enable a recipient of a document to identify the participant within their own systems and *not* to exchange information about that participant. Nonetheless, it is recognised that it is often necessary to send information about participants, in particular, contact details, and since much of this information is often also used in the identification of participants, this model is the natural place to include it.

The following definitions were considered in the development of the participation concept:

A participation is defined in the HL7 Version 3 Standard – Reference Information Model [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 [NEHT2007b] 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."*

In this document:

- an "actor" is represented by the PARTICIPANT data group;

- an "act" or "action" is something that occurs within the bounds of a healthcare event and includes things that may not always be considered strictly actions, such as being the recipient of information or being identified as the nominal author of a document. The kind of participation is represented by the Participation Type data element.

- the "involvement" of the actor in the act is represented by the Role data element.

In healthcare events there are many types of participant. NEHTA currently recognises these three:

- an organisation involved in the process of provision of healthcare, but not necessarily a healthcare provider;

- a person who is either a healthcare provider, a non-healthcare provider[1] (e.g. subject of care/patient), or a person related to the non-healthcare provider (e.g. carer, spouse); or

- a device (e.g. a software application) that authors, sends and/or receives (including store and forward) healthcare information.

NEHTA data specifications and structured document templates (SDTs) specify the use of the PARTICIPATION. The creation of a clinical document based on an SDT requires instantiation of a constrained, context-specific variation of the PARTICIPATION bound to specific use cases.

When the clinical document is populated by an authoring system often only certain data elements may be used within the context of particular participations. In the PARTICIPATION data group, there are data component choices that cannot be determined at design time and must be made at run-time, e.g. a document recipient may be an organisation or person.

1.4 Alignment with AS 5017 and AS 4846

This specification seeks to adopt, with appropriate variations, a number of definitions, datatypes and value domains from relevant Australian Standards. Additional data types are included where necessary. Notable differences between this specification and AS 5017 (2006) – Healthcare Client Identification [SA2006b] and AS 4846 (2006) – Healthcare Provider Identification [SA2006a] include:

Data Element	Australian Standards	This Specification
Date Range	Uses two separate data elements – i.e. a "start date" and an "end date"	Uses one data element bound to a "TimeInterval" data type.
Department / Unit within Organisation Name Detail	Not in the current [SA2006a] standard.	Used to document a lower level of an organisation as required.
Employer Organisation Details	Not in the current [SA2006a] standard.	Used to document the employer of a person.

---

[1]The term "non-healthcare provider" refers to a person not acting in a healthcare provider capacity, and *not* to a provider of "non-healthcare". "Non-healthcare provider" will be deprecated as a participation concept in future releases.

Data Element	Australian Standards	This Specification
Identifier	Represented as a data group comprising an identifier designation, a geographic area, an issuer and a type.	Defined in accordance with [ISO2008a] and represented as a UniqueIdentifier datatype. Implementers who use this specification **SHALL** populate the Identifier Root with an Object Identifier (OID) or Globally Unique Identifier (GUID) that uniquely identifies the Geographic Area/Identifier Issuer/Identifier Type.
Person	Represented in [SA2006a] as Healthcare Provider. Represented in [SA2006b] as Healthcare Client.	Single data group that combines all person related data elements.
Sequence Numbers	Associated with a data element to specify ordering – e.g. Name Title, Given Name	Sequence numbers are not used. Instead, the associated data element is shown as repeating – all repeating data elements are ordered in the definition of NEHTA datatypes.

Refer to [SA2006b] and [SA2006a] for a guide for use, verification rules and collection methods for common data elements.

1.5 Relationship to NEHTA Healthcare Identifier Services

[SA2006b] has been used to define the structure of the Individual Healthcare Identifier (IHI) including such information as name and address. [SA2006a] has been used to define the structure of the Healthcare Provider Identifier for Individuals (HPI-I) and the Healthcare Provider Identifier for Organisations (HPI-O) including such information as name and address. The Participation Data Specification aligns with the NEHTA Healthcare Identifier Services specifications ([NEHT2007a]).

Specific instructions and recommendations on using Healthcare Identifier (HI) service numbers can be found in the SDTs for each domain.

2 Participation Data Group

2.1 PARTICIPATION

Identification

Name	PARTICIPATION
Metadata Type	Data Group
Identifier	DG-10296
OID	1.2.36.1.2001.1001.101.102.10296

Definition

Definition	Identifies and describes an entity and the role it plays while partaking in a healthcare event.
Definition Source	NEHTA
Synonymous Names	
Notes	The primary purpose of a participation within a NEHTA specification is to provide sufficient information to enable a recipient of a document to identify the participant within their own systems and not to exchange information about that participant. Nonetheless, it is recognised that it is often necessary to send information about participants, in particular, contact details, and since much of this information is often also used in the identification of participants, this model is the natural place to include it.

Data Hierarchy

⊩	PARTICIPATION		
	T/T₀₁₀ Participation Type		!
	T/T₀₁₀ Role		!
	🕐 Participation Period		O
	⊩ LOCATION OF PARTICIPATION		O
		T/T₀₁₀ Location of Participation Type	!
		⊩ LOCATION OF PARTICIPATION ADDRESS	O
		✓✗ No Fixed Address Indicator	!

				C	AUSTRALIAN OR INTERNATIONAL ADDRESS	**!**
					INTERNATIONAL ADDRESS	O
				T	International Address Line	0↵
				T	International State/Province	O
				T	International Postcode	O
				T/T₀₁₀	Country	O
					AUSTRALIAN ADDRESS	O
				T	Unstructured Australian Address Line	0↵
					STRUCTURED AUSTRALIAN ADDRESS LINE	O
					T₀₁₀	Australian Unit Type	O
					T	Australian Unit Number	O
					T	Australian Address Site Name	O
					T₀₁₀	Australian Level Type	O
					T	Australian Level Number	O
					T	Australian Street Number	O
					T	Australian Lot Number	O
					T	Australian Street Name	O
					T₀₁₀	Australian Street Type	O
					T₀₁₀	Australian Street Suffix	O
					T₀₁₀	Australian Postal Delivery Type	O
					T	Australian Postal Delivery Number	O
					T/T₀₁₀	Australian Suburb/Town/Locality	O
					T₀₁₀	Australian State/Territory	O

					T₀₁₀	Australian Postcode	O
					ID	Australian Delivery Point Identifier	O
				T₀₁₀	Address Purpose		!
		PARTICIPANT					!
		ID	Entity Identifier				0↻
			ADDRESS				0↻
			✓✗	No Fixed Address Indicator			!
			C	AUSTRALIAN OR INTERNATIONAL ADDRESS			!
				INTERNATIONAL ADDRESS			O
				T	International Address Line		0↻
				T	International State/Province		O
				T	International Postcode		O
				T/T₀₁₀	Country		O
				AUSTRALIAN ADDRESS			O
				T	Unstructured Australian Address Line		0↻
				STRUCTURED AUSTRALIAN ADDRESS LINE			O
					T₀₁₀	Australian Unit Type	O
					T	Australian Unit Number	O
					T	Australian Address Site Name	O
					T₀₁₀	Australian Level Type	O
					T	Australian Level Number	O
					T	Australian Street Number	O
					T	Australian Lot Number	O

							T	Australian Street Name	O
							T₀₁₀	Australian Street Type	O
							T₀₁₀	Australian Street Suffix	O
							T₀₁₀	Australian Postal Delivery Type	O
							T	Australian Postal Delivery Number	O
						T/T₀₁₀		Australian Suburb/Town/Locality	O
						T₀₁₀		Australian State/Territory	O
						T₀₁₀		Australian Postcode	O
						ID		Australian Delivery Point Identifier	O
				T₀₁₀				Address Purpose	!
		⊨	ELECTRONIC COMMUNICATION DETAIL						0↻
			T₀₁₀	Electronic Communication Medium					!
			T₀₁₀	Electronic Communication Usage Code					O
			T	Electronic Communication Address					!
	C	PERSON OR ORGANISATION OR DEVICE							!
		⊨	DEVICE						O
			T	Device Name					!
		⊨	ORGANISATION						O
			T	Organisation Name					!
			T	Department/Unit					O
			T₀₁₀	Organisation Name Usage					O
		⊨	PERSON						O
			⊨	PERSON NAME					!↻

					T₀₁₀	Name Title		0↻
					T	Family Name		!
					T	Given Name		0↻
					T₀₁₀	Name Suffix		0↻
					✓✗	Preferred Name Indicator		O
					T₀₁₀	Person Name Usage		O
				T/T₀₁₀		Relationship to Subject of Care		O
				⊢		EMPLOYMENT DETAIL		O
					⊢	EMPLOYER ORGANISATION		0↻
					T₀₁₀	Employment Type		O
					T/T₀₁₀	Occupation		0↻
					T/T₀₁₀	Position In Organisation		O
				⊢		DEMOGRAPHIC DATA		O
					T₀₁₀	Sex		O
					⊢	DATE OF BIRTH DETAIL		O
						⌛	Date of Birth	!
						✓✗	Date of Birth is Calculated From Age	O
						⊢	DATE OF BIRTH ACCURACY INDICATOR	O
							✓✗	Date of Birth Day Accuracy Indicator	!
							✓✗	Date of Birth Month Accuracy Indicator	!
							✓✗	Date of Birth Year Accuracy Indicator	!
					⊢	AGE DETAIL		O
						⌛	Age	!

						✓✗	Age Accuracy Indicator		O
						1₂3	Birth Plurality		O
						1₂3	Birth Order		O
						⊢	DATE OF DEATH DETAIL		O
							📅	Date of Death	!
							⊢	DATE OF DEATH ACCURACY INDICATOR	O
								✓✗ Date of Death Day Accuracy Indicator	!
								✓✗ Date of Death Month Accuracy Indicator	!
								✓✗ Date of Death Year Accuracy Indicator	!
						T₀₁₀	Source of Death Notification		O
						T	Mother's Original Family Name		O
						T/T₀₁₀	Country of Birth		O
						T₀₁₀	State/Territory of Birth		O
						T₀₁₀	Indigenous Status		O
		⊢	ENTITLEMENT						0↻
			ID	Entitlement Number					!
			T/T₀₁₀	Entitlement Type					!
			🕐	Entitlement Validity Duration					O
		T	Qualifications						O

2.2 Participation Type

Identification

Name	Participation Type
Metadata Type	Data Element
Identifier	DE-10297
OID	1.2.36.1.2001.1001.101.103.10297

Definition

Definition	The categorisation of the nature of the participant's involvement in the healthcare event described by this participation.
Definition Source	NEHTA
Synonymous Names	
Data Type	CodeableText
Value Domain	*Not specified.* In the absence of national standard code sets, the code sets used **SHALL** be registered code sets, i.e. registered through the HL7 code set registration procedure with an appropriate object identifier (OID), and **SHALL** be publicly available. When national standard code sets become available, they **SHALL** be used and the non standard code sets **SHALL** be deprecated.

Usage

Examples	1. Author Originator 2. Authenticator 3. Physical Performer 4. Receiver 5. Responsible Party

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPATION	Essential		Single

2.3 Role

Identification

Name	Role
Metadata Type	Data Element
Identifier	DE-10342
OID	1.2.36.1.2001.1001.101.103.10342

Definition

Definition	The involvement or role of the participant in the related action from a healthcare perspective rather than the specific participation perspective.
Definition Source	HL7
Synonymous Names	Healthcare Role
Notes	A participant is linked to an action by a participation instance, however the professional credentials of the participant may be quite different from the role the participant is playing. A common example is interns and residents performing anesthesia or surgeries under (more or less) supervision of attending specialists. In this case, this data element (Role) should have a value of "Intern", say, and the Participation Type would be used to specify the nature of the participation.
Data Type	CodeableText
Value Domain	*Not specified.* In the absence of national standard code sets, the code sets used **SHALL** be registered code sets, i.e. registered through the HL7 code set registration procedure with an appropriate object identifier (OID), and **SHALL** be publicly available. When national standard code sets become available, they **SHALL** be used and the non standard code sets **SHALL** be deprecated.

Usage

Examples	In each of the following Role examples, the Participation Type could be "Recipient": 1. Attending physician 2. Carer 3. Clinical nurse specialist 4. Dietician 5. General practitioner 6. Performing pathologist 7. Prescriber

| | 8. Senior surgical registrar |
| | 9. Subject of care (patient) |

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPATION	Essential		Single

2.4 Participation Period

Identification

Name	Participation Period
Metadata Type	Data Element
Identifier	DE-10300
OID	1.2.36.1.2001.1001.101.103.10300

Definition

Definition	The time interval during which the participation in the health care event occurred.
Definition Source	NEHTA
Synonymous Names	
Notes	A participation period is needed when the participant's involvement in the healthcare event spans only part of the event's period. This means that the participation period indicates the time period during which certain common sub-activities occur that may not be worth recording explicitly, but which are implicitly modelled by the participation type.
	Although this data element is optional, in most contexts, it will be further constrained to either be disallowed or essential.
	For example, in a Discharge Summary:
	• Some typical contexts where Participation Period is essential are:
	• The period of time during which a doctor was responsible for a patient during a healthcare event.
	• The end of the participation period of a Document Author participation is the time associated with the completion of editing the content of a document.
	• Some typical contexts where participation period is disallowed are:
	• For a Document Recipient participation.
	• For a Facility participation.
	• For a Nominated Primary Healthcare Provider participation.
Data Type	TimeInterval

Usage

Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPATION	Optional		Single

2.5 LOCATION OF PARTICIPATION

Identification

Name	LOCATION OF PARTICIPATION
Metadata Type	Data Group
Identifier	DG-10343
OID	1.2.36.1.2001.1001.101.102.10343

Definition

Definition	Specifies the geographic site (building, room, etc) where the participation of a healthcare event occurs.
Definition Source	NEHTA
Synonymous Names	
Notes	LOCATION OF PARTICIPATION is not required where it is the same as the location at which the healthcare event has taken place. The location of participation may be distinctly different from the registered address/location of the Healthcare Provider Individual or Organisation. A healthcare 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).

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	[PARTICIPATION](#)	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	[Location of Participation Type](#)	Essential		Single
	[LOCATION OF PARTICIPATION ADDRESS](#)	Optional		Single

2.6 Location of Participation Type

Identification

Name	Location of Participation Type
Metadata Type	Data Element
Identifier	DE-10344
OID	1.2.36.1.2001.1001.101.103.10344

Definition

Definition	Specifies the type of location where the participation in the healthcare event occurred.
Definition Source	NEHTA
Synonymous Names	
Data Type	CodeableText
Value Domain	*Not specified.*
	In the absence of national standard code sets, the code sets used **SHALL** be registered code sets, i.e. registered through the HL7 code set registration procedure with an appropriate object identifier (OID), and **SHALL** be publicly available.
	When national standard code sets become available, they **SHALL** be used and the non standard code sets **SHALL** be deprecated.

Usage

Examples	1. Subject of care (patient) residence
	2. Site of accident (e.g. in the event of a natural disaster, ambulance calls)
	3. Healthcare facility responsible for treating the subject of care (patient)
	4. Remote teleconsultation setting

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	LOCATION OF PARTICIPATION	Essential		Single

2.7 LOCATION OF PARTICIPATION ADDRESS

Identification

Name	LOCATION OF PARTICIPATION ADDRESS (Reuse of ADDRESS)
Metadata Type	Data Group
Identifier	DG-20106
OID	1.2.36.1.2001.1001.101.102.20106

Definition

Definition	The description of a location where the participation occurred which is different from where the healthcare event occurred.
Definition Source	NEHTA
Synonymous Names	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	LOCATION OF PARTICIPATION	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	No Fixed Address Indicator	Essential		Single
	AUSTRALIAN OR INTERNATIONAL ADDRESS	Essential		Single
	Address Purpose	Essential		Single

2.8 PARTICIPANT

Identification

Name	PARTICIPANT
Metadata Type	Data Group
Identifier	DG-10232
OID	1.2.36.1.2001.1001.101.102.10232
External Identifier	AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	Details pertinent to the identification of an individual or organisation or device that has participated in a healthcare event/encounter/clinical interaction.
Definition Source	Standards Australia
Synonymous Names	
Notes	This may be a PERSON, ORGANISATION or DEVICE that is capable of participating through a defined Participation Type in a specified business process.

A participant in a healthcare event belongs to one of these categories:

• a person who is a healthcare provider;

• a person who is not a healthcare provider;

• an organisation (healthcare provider or otherwise); or

• a device that authors, sends or receives healthcare information. |

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	PARTICIPATION	Essential		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
ID	Entity Identifier	Optional		Multiple
⊨	ADDRESS	Optional		Multiple

Data Type	Name	Obligation	Condition	Occurrence
⊧	ELECTRONIC COMMUNICATION DETAIL	Optional		Multiple
C	PERSON OR ORGANISATION OR DEVICE	Essential		Single
⊧	ENTITLEMENT	Optional		Multiple
T	Qualifications	Optional		Single

2.9 Entity Identifier

Identification

Name	Entity Identifier
Metadata Type	Data Element
Identifier	DE-10273
OID	1.2.36.1.2001.1001.101.103.10273

Definition

Definition	A number or code issued for the purpose of identifying a participant within a healthcare context.
Definition Source	NEHTA
Synonymous Names	
Notes	Used to assist in uniquely identifying participants in a healthcare event.
	The identifier can be the national health identifier issued to uniquely identify a health consumer (IHI), health provider individual (HPI-I) or health provider organisation (HPI-O).
	Where a national health identifier is not available, organisational specific identifiers **MAY** be used, e.g. Medical Record Number (MRN) or Unit Record Number (URN).
	Refer to [NEHT2010d] for further information on HI Service numbers as UniqueIdentifiers.
Data Type	UniqueIdentifier

Usage

Conditions of Use	In using this data element, the attributes of the UniqueIdentifier data type **SHOULD** be populated from the identifiers as defined in [SA2006a] and [SA2006b] as follows:
	• *root*: a globally unique identifier (i.e. an OID or GUID) that identifies the combination of geographic area, issuer, type and optionally identifier designation. If no such OID or GUID exists, it **SHALL** be created. NEHTA recommends that an OID is implemented so that the geographic area, issuer and type can each have their own arc and therefore be clearly identified.
	• *extension*: a unique identifier within the scope of the root that is directly equivalent to the identifier designation element. This is only required where the *root* does not include the identifier designation.
	• *identifierName*: a human readable name for the namespace represented by the root that is populated with the issuer or identifier type values, or a concatenation of both as appropriate. The content of this attribute is not intended for machine processing and **SHOULD NOT** be used as such.
	The *root* attribute **SHALL** be used in the UniqueIdentifier data type.

	If a person's Medicare Number is used as the Entity Identifier, this **SHALL** also be included as an ENTITLEMENT if the ENTITLEMENT is required, i.e. the Entity Identifier **SHALL NOT** be relied on to give Medicare entitlement information.
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPANT	Optional		Multiple

2.10 ADDRESS

Identification

Name	ADDRESS
Metadata Type	Data Group
Identifier	DG-20106
OID	1.2.36.1.2001.1001.101.102.20106
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Address; AS 4846 (2006) - Healthcare Provider Identification: Address

See ADDRESS for further details.

2.11 ELECTRONIC COMMUNICATION DETAIL

Identification

Name	ELECTRONIC COMMUNICATION DETAIL
Metadata Type	Data Group
Identifier	DG-20111
OID	1.2.36.1.2001.1001.101.102.20111
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Electronic Communication; AS 4846 (2006) - Healthcare Provider Identification: Electronic Communication

Definition

Definition	The electronic communication details of entities.
Definition Source	Standards Australia
Synonymous Names	Electronic Contact Details Telecommunication Details Telephone Number Phone Number Fax Number Pager Email Address
Scope	Captures detail information on electronic communications which include telephone, pager, fax, email or website.
Scope Source	NEHTA
Notes	Examples of contact details that **MAY** be collected include telephone numbers, fax numbers, pager numbers, email addresses, URLs and other types of electronic communication mediums.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPANT	Optional		Multiple

Children

Data Type	Name	Obligation	Condition	Occurrence
T010	Electronic Communication Medium	Essential		Single
T010	Electronic Communication Usage Code	Optional		Single

Data Type	Name	Obligation	Condition	Occurrence
T	Electronic Communication Address	Essential		Single

2.12 Electronic Communication Medium

Identification

Name	Electronic Communication Medium
Metadata Type	Data Element
Identifier	DE-10228
OID	1.2.36.1.2001.1001.101.103.10228
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Electronic Communication Medium; AS 4846 (2006) - Healthcare Provider Identification: Electronic Communication Medium

Definition

Definition	A code representing a type of communication mechanism.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Electronic Communication Medium Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ELECTRONIC COMMUNICATION DETAIL	Essential		Single

2.13 Electronic Communication Medium Values

Identification

Name	Electronic Communication Medium Values
Metadata Type	Value Domain
Identifier	VD-10270
OID	1.2.36.1.2001.1001.101.104.10270
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Electronic Communication Medium; AS 4846 (2006) - Healthcare Provider Identification: Electronic Communication Medium

Definition

Definition	The set of values for the type of communication mechanism.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 (2006) - Healthcare Client Identification Electronic Communication Medium; AS 4846 (2006) - Healthcare Provider Identification Electronic Communication Medium
Permissible Values	1 Telephone (excluding mobile telephone)
	2 Mobile (cellular) telephone
	3 Facsimile machine
	4 Pager
	5 Email
	6 URL
	8 Other

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Electronic Communication Medium	Essential		Single

2.14 Electronic Communication Usage Code

Identification

Name	Electronic Communication Usage Code
Metadata Type	Data Element
Identifier	DE-10271
OID	1.2.36.1.2001.1001.101.103.10271
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Electronic Communication Usage Code; AS 4846 (2006) - Healthcare Provider Identification: Electronic Communication Usage Code

Definition

Definition	The manner of use that is applied to an electronic communication medium.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Electronic Communication Usage Code Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
╞	ELECTRONIC COMMUNICATION DETAIL	Optional		Single

2.15 Electronic Communication Usage Code Values

Identification

Name	Electronic Communication Usage Code Values
Metadata Type	Value Domain
Identifier	VD-10272
OID	1.2.36.1.2001.1001.101.104.10272
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Electronic Communication Usage Code; AS 4846 (2006) - Healthcare Provider Identification: Electronic Communication Usage Code

Definition

Definition	The set of values for the manner of use that is applied to an electronic communication medium.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 (2006) - Healthcare Client Identification Electronic Communication Usage Code; AS 4846 (2006) - Healthcare Provider Identification Electronic Communication Usage Code
Permissible Values	1 Business
	2 Personal
	3 Both Business and Personal

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Electronic Communication Usage Code	Essential		Single

2.16 Electronic Communication Address

Identification

Name	Electronic Communication Address
Metadata Type	Data Element
Identifier	DE-10229
OID	1.2.36.1.2001.1001.101.103.10229
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Electronic Communication Details; AS 4846 (2006) - Healthcare Provider Identification: Electronic Communication Details

Definition

Definition	A unique combination of characters used as input to electronic telecommunication equipment for the purpose of contacting an entity.
Definition Source	Standards Australia
Synonymous Names	
Notes	"Unique" means unique within the participation, i.e. the same phone number (or e-mail, etc.) for the same person or organisation **SHOULD NOT** be supplied more than once.
Data Type	Text

Usage

Examples	1. 08 8226 6000
	2. 0417 123 456
	3. john.citizen@isp.com.au

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ELECTRONIC COMMUNICATION DETAIL	Essential		Single

2.17 PERSON OR ORGANISATION OR DEVICE

Identification

Name	PERSON OR ORGANISATION OR DEVICE
Metadata Type	Choice
Identifier	C-10298
OID	1.2.36.1.2001.1001.101.105.10298

Definition

Definition	Represents a choice to be made at run-time between PERSON, ORGANISATION and DEVICE.
Definition Source	NEHTA
Synonymous Names	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPANT	Essential		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	DEVICE	Optional		Single
	ORGANISATION	Optional		Single
	PERSON	Optional		Single

2.18 DEVICE

Identification

Name	DEVICE
Metadata Type	Data Group
Identifier	DG-16270
OID	1.2.36.1.2001.1001.101.102.16270

Definition

Definition	Describes a device or software module of interest to, or involved in, the business of healthcare service provision.
Definition Source	NEHTA
Synonymous Names	

Usage

Conditions of Use	A device or software module is restricted to entities that author, store and forward, send, or receive healthcare information. Inclusion of the data group DEVICE is conditional upon the participant being a device or software module. • Where the participant is a device or software module (PARTICIPANT.DEVICE) then the DEVICE data group **SHALL** be included. • Where the participant is not a device or software module then the DEVICE data group **SHALL NOT** be included.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
C	PERSON OR ORGANISATION OR DEVICE	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
T	Device Name	Essential		Single

2.19 Device Name

Identification

Name	Device Name
Metadata Type	Data Element
Identifier	DE-16271
OID	1.2.36.1.2001.1001.101.103.16271

Definition

Definition	The full name of the device.
Definition Source	NEHTA
Synonymous Names	Application System
Notes	We would typically expect the full name to include items such as name, version and release. It **SHOULD** include as many of these (or similar) as are available. Device name alone cannot identify particular instances of a given device. Where a specific instance of a device needs to be identified, one or more Entity Identifiers within the parent participant **SHOULD** be provided. For example, if a device has a unique serial number, this could be recorded in the Entity Identifier.
Data Type	Text

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEVICE	Essential		Single

2.20 ORGANISATION

Identification

Name	ORGANISATION
Metadata Type	Data Group
Identifier	DG-10294
OID	1.2.36.1.2001.1001.101.102.10294
External Identifier	AS 4846 (2006) - Healthcare Provider Identification: Organization [sic]

Definition

Definition	Any organisation of interest to, or involved in, the business of healthcare service provision.
Definition Source	Standards Australia
Synonymous Names	

Usage

Conditions of Use	Inclusion of the data group ORGANISATION is conditional upon the participant being an organisation.
	• Where the participant is an organisation (PARTICIPANT.ORGANISATION) then the ORGANISATION data group **SHALL** be included.
	• Where the participant is not an organisation then the ORGANISATION data group **SHALL NOT** be included.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
C	PERSON OR ORGANISATION OR DEVICE	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
T	Organisation Name	Essential		Single

Data Type	Name	Obligation	Condition	Occurrence
T	Department/Unit	Optional		Single
T₀₁₀	Organisation Name Usage	Optional		Single

2.21 Organisation Name

Identification

Name	Organisation Name
Metadata Type	Data Element
Identifier	DE-10213
OID	1.2.36.1.2001.1001.101.103.10213
External Identifier	AS 4846 (2006) - Healthcare Provider Identification: Organization [sic] Name

Definition

Definition	The name by which an organisation is known or called.
Definition Source	Standards Australia
Synonymous Names	
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.
Data Type	Text

Usage

Examples	1. Medicare Australia
	2. Royal Adelaide Hospital
	3. Strathfield Pharmacy

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ORGANISATION	Essential		Single

2.22 Department/Unit

Identification

Name	Department/Unit
Metadata Type	Data Element
Identifier	DE-21119
OID	1.2.36.1.2001.1001.101.103.21119

Definition

Definition	The name by which a department or unit within a larger organisation is known or called.
Definition Source	NEHTA
Synonymous Names	
Data Type	Text

Usage

Examples	1. Glenside Campus
	2. Cardiac Unit

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ORGANISATION	Optional		Single

2.23 Organisation Name Usage

Identification

Name	Organisation Name Usage
Metadata Type	Data Element
Identifier	DE-16284
OID	1.2.36.1.2001.1001.101.103.16284
External Identifier	AS 4846 (2006) - Healthcare Provider Identification: Organization [sic] Name Usage

Definition

Definition	The classification that enables differentiation between recorded names for an organisation or service location.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Organisation Name Usage Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ORGANISATION	Optional		Single

2.24 Organisation Name Usage Values

Identification

Name	Organisation Name Usage Values
Metadata Type	Value Domain
Identifier	VD-16283
OID	1.2.36.1.2001.1001.101.104.16283
External Identifier	AS 4846 (2006) - Healthcare Provider Identification: Organization [sic] Name Usage Values

Definition

Definition	The set of values for the classification that enables differentiation between recorded names for an organisation or service location.
Definition Source	Standards Australia

Value Domain

Source	AS 4846 (2006) Healthcare Provider Identification: Organisation Name Usage Values
Permissible Values	1, B Organisational unit/section/division name
	2, M Service location name
	3, T Business name
	4, R Locally used name
	5, R Abbreviated name
	6, R Enterprise name
	8, R Other
	9, U Unknown

Usage

Conditions of Use	Code 1 – Organisational unit/section/division name: Used where a business unit, section or division within an organisation **MAY** have its own separate identity.
	Code 2 – Service location name: Used where the service location name is an important part of the organisation name and is used for identification purposes, e.g. Mobile Immunization Unit at Bankstown.
	Code 3 – Business name: Business name used only for trading purposes.

	Code 4 – Locally used name: Used where a local name is used, e.g. where a medical practice is known by a name that is different to the company registration name or business name.
	Code 5 – Abbreviated name: A short name or an abbreviated name by which the organisation is known.
	Code 6 – Enterprise name: Generally, the complete organisation name **SHOULD** be used to avoid any ambiguity in identification. This should usually be the same as company registration name.
	Code 8 – Other: Used when the organisation name does not fit into any one of the categories listed above.
	Code 9 – Unknown: Used when the organisation Name Usage is unknown.
	Generally, the complete organisation name **SHOULD** be used to avoid any ambiguity in identification. However, in certain circumstances (e.g. internal use), a short name (i.e. an abbreviated appellation by which the organisation is known) **MAY** be used. Further, a business unit within an organisation **MAY** have its own separate identity; this **SHOULD** be captured (as the unit name). In cases where the organisation is a sole provider, Organisation Name **MAY**(or **MAY NOT**) be the same as the personal name.
Conditions of Use Source	Standards Australia

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Organisation Name Usage	Essential		Single

2.25 PERSON

Identification

Name	PERSON
Metadata Type	Data Group
Identifier	DG-10233
OID	1.2.36.1.2001.1001.101.102.10233

Definition

Definition	An individual who is in the role of healthcare provider, who uses or is a potential user of a healthcare service, or is in some way related to, or a representative of, a subject of care (patient). An individual in the role of a healthcare provider is any person who is involved in or associated with the delivery of healthcare to a subject of care (patient), or caring for a subject of care (patient) wellbeing.
Definition Source	NEHTA
Synonymous Names	Individual

Usage

Conditions of Use	Inclusion of the data group PERSON is conditional upon the participant being a person. • Where the participant is a person (PARTICIPANT PERSON) then the PERSON data group **SHALL** be included. • Where the participant is not a person then the PERSON data group **SHALL NOT** be included.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
C	PERSON OR ORGANISATION OR DEVICE	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	PERSON NAME	Essential		Multiple
	Relationship to Subject of Care	Optional		Single
	EMPLOYMENT DETAIL	Optional		Single
	DEMOGRAPHIC DATA	Optional		Single

2.26 PERSON NAME

Identification

Name	PERSON NAME
Metadata Type	Data Group
Identifier	DG-20105
OID	1.2.36.1.2001.1001.101.102.20105
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Name; AS 4846 (2006) - Healthcare Provider Identification: Name

Definition

Definition	The appellation by which an individual may be identified separately from any other within a social context.
Definition Source	NEHTA - Adapted from Standards Australia
Synonymous Names	Patient Name
Scope	Captures the name details of a person.
Scope Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PERSON	Essential		Multiple

Children

Data Type	Name	Obligation	Condition	Occurrence
T010	Name Title	Optional		Multiple
T	Family Name	Essential		Single
T	Given Name	Optional		Multiple
T010	Name Suffix	Optional		Multiple
✓✗	Preferred Name Indicator	Optional		Single
T010	Person Name Usage	Optional		Single

2.27 Name Title

Identification

Name	Name Title
Metadata Type	Data Element
Identifier	DE-10217
OID	1.2.36.1.2001.1001.101.103.10217
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Name Title; AS 4846 (2006) - Healthcare Provider Identification: Name Title

Definition

Definition	An honorific form of address commencing a name.
Definition Source	Standards Australia
Synonymous Names	
Notes	The order is significant and **SHALL** always be maintained.
Data Type	CodedText
Value Domain	Name Title Values

Usage

Examples	1. Prof Sir [John Gregory Citizen III MP]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊢	PERSON NAME	Optional		Multiple

2.28 Name Title Values

Identification

Name	Name Title Values
Metadata Type	Value Domain
Identifier	VD-10311
OID	1.2.36.1.2001.1001.101.104.10311

Definition

Definition	The set of values for the honorific form of address commencing a name.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 (2006) - Healthcare Client Identification: Name Title; AS 4846 (2006) - Healthcare Provider Identification: Name Title

Usage

Conditions of Use	Name title **SHOULD NOT** be confused with job title.
	Mixed case **SHOULD** be used (rather than upper case only).
	An example of Name Title is 'Mr' for Mister.
	Multiple Name Titles **MAY** be recorded.
	Title of 'Master' **SHOULD** only be used for clients less than 15 years of age.
	Title of 'Doctor' and 'Professor' **SHOULD** only be applicable to clients of greater than 20 years of age.
	Titles of Dame, Miss, Mrs, Ms and Sr are only accepted for females.
	Titles of Br, Mstr, Mr and Sir are only accepted for males.
Conditions of Use Source	Standards Australia

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Name Title	Essential		Single

2.29 Family Name

Identification

Name	Family Name
Metadata Type	Data Element
Identifier	DE-10219
OID	1.2.36.1.2001.1001.101.103.10219
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Family Name; AS 4846 (2006) - Healthcare Provider Identification: Family Name

Definition

Definition	That part of a name a person usually has in common with some other members of his/her family, as distinguished from his/her given names.
Definition Source	Standards Australia
Synonymous Names	
Notes	Refer to AS 5017 for information on how to record family names in various scenarios.
Data Type	Text

Usage

Conditions of Use	If this data element is not supplied, a null flavour **SHALL** be available, and the recipient will not be able to identify the participant through the national Healthcare Identifiers Service (HI Service).
Conditions of Use Source	NEHTA
Examples	1. [Prof Sir John Gregory] Citizen [III MP]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PERSON NAME	Essential		Single

2.30 Given Name

Identification

Name	Given Name
Metadata Type	Data Element
Identifier	DE-10235
OID	1.2.36.1.2001.1001.101.103.10235
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Given Name; AS 4846 (2006) - Healthcare Provider Identification: Given Name

Definition

Definition	The person's identifying names within the family group or by which the person is uniquely socially identified.
Definition Source	Standards Australia
Synonymous Names	
Notes	All given names **SHOULD** be recorded in the correct sequence. Initials **MAY** be recorded in lieu of name.
Data Type	Text

Usage

Examples	1. [Prof Sir] John Gregory [Citizen III MP]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	PERSON NAME	Optional		Multiple

2.31 Name Suffix

Identification

Name	Name Suffix
Metadata Type	Data Element
Identifier	DE-10220
OID	1.2.36.1.2001.1001.101.103.10220
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Name Suffix; AS 4846 (2006) - Healthcare Provider Identification: Name Suffix

Definition

Definition	The additional term used following a person's name to identify that person.
Definition Source	Standards Australia
Synonymous Names	
Notes	The order is significant and **SHALL** always be maintained.
Data Type	CodedText
Value Domain	Name Suffix Values

Usage

Examples	1. [Prof Sir John Gregory Citizen] III MP

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊢	PERSON NAME	Optional		Multiple

2.32 Name Suffix Values

Identification

Name	Name Suffix Values
Metadata Type	Value Domain
Identifier	VD-10312
OID	1.2.36.1.2001.1001.101.104.10312

Definition

Definition	The set of values for the additional terms that may be used following a person's name to identify that person.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 (2006) - Healthcare Client Identification: Name Suffix; AS 4846 (2006) - Healthcare Provider Identification: Name Suffix

Usage

Conditions of Use	Multiple Name Suffixes **MAY** be recorded. Mixed case **SHOULD** be used (rather than upper case only).
Conditions of Use Source	Standards Australia

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Name Suffix	Essential		Single

2.33 Preferred Name Indicator

Identification

Name	Preferred Name Indicator
Metadata Type	Data Element
Identifier	DE-10239
OID	1.2.36.1.2001.1001.101.103.10239
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Preferred Name Indicator; AS 4846 (2006) - Healthcare Provider Identification: Preferred Name Indicator

Definition

Definition	A flag to indicate that this is the name a person has selected for use.
Definition Source	Standards Australia
Synonymous Names	
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.
Data Type	Boolean

Usage

Examples	See: [NEHT2010d]
Misuse	For the same Person, having more than one occurrence of the Person Name data group with the Preferred Name Indicator set to true.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	PERSON NAME	Optional		Single

2.34 Person Name Usage

Identification

Name	Person Name Usage
Metadata Type	Data Element
Identifier	DE-16282
OID	1.2.36.1.2001.1001.101.103.16282
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Name Usage; AS 4846 (2006) - Healthcare Provider Identification: Name Usage

Definition

Definition	The classification that enables differentiation between recorded names for a person.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Person Name Usage Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PERSON NAME	Optional		Single

2.35 Person Name Usage Values

Identification

Name	Person Name Usage Values
Metadata Type	Value Domain
Identifier	VD-16281
OID	1.2.36.1.2001.1001.101.104.16281

Definition

Definition	The set of values for classification that enables differentiation between recorded names for a person.
Definition Source	Standards Australia

Value Domain

Source	Standards Australia
Permissible Values	1, L Registered Name (Legal Name)
	2, R Reporting Name
	3, N Newborn Name
	4, B Professional or Business Name
	5, M Maiden Name (Name at birth)
	8, O Other Name (Alias)

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Person Name Usage	Essential		Single

2.36 Relationship to Subject of Care

Identification

Name	Relationship to Subject of Care
Metadata Type	Data Element
Identifier	DE-20116
OID	1.2.36.1.2001.1001.101.103.20116

Definition

Definition	The relationship of a participant to a subject of care (patient).
Definition Source	NEHTA
Synonymous Names	Relationship to Consumer Relationship to Patient
Data Type	CodeableText
Value Domain	*Not specified.* In the absence of national standard code sets, the code sets used **SHALL** be registered code sets, i.e. registered through the HL7 code set registration procedure with an appropriate object identifier (OID), and **SHALL** be publicly available. When national standard code sets become available, they **SHALL** be used and the non standard code sets **SHALL** be deprecated.

Usage

Conditions of Use	This **SHALL** only be used to identify social relationships such as relatives or friends and **SHALL NOT** be used to identify healthcare relationships - professional or otherwise - such as the usual GP or carer.
Conditions of Use Source	NEHTA
Examples	1. Biological mother 2. De facto brother 3. Spouse

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PERSON	Optional		Single

2.37 EMPLOYMENT DETAIL

Identification

Name	EMPLOYMENT DETAIL
Metadata Type	Data Group
Identifier	DG-16079
OID	1.2.36.1.2001.1001.101.102.16079

Definition

Definition	A person's occupation and employer.
Definition Source	NEHTA
Synonymous Names	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PERSON	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	EMPLOYER ORGANISATION	Optional		Multiple
T010	Employment Type	Optional		Single
T/T010	Occupation	Optional		Multiple
T/T010	Position In Organisation	Optional		Single

2.38 EMPLOYER ORGANISATION

Identification

Name	EMPLOYER ORGANISATION (Reuse of PARTICIPANT)
Metadata Type	Data Group
Identifier	DG-10232
OID	1.2.36.1.2001.1001.101.102.10232

Definition

Definition	The organisation that the individual is working for in respect to the role they are playing in the nominated participation.
Definition Source	NEHTA
Synonymous Names	

Usage

Conditions of Use	This is reuse of the PARTICIPANT data group. PERSON OR ORGANISATION OR DEVICE **SHALL** be instantiated as an ORGANISATION
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	EMPLOYMENT DETAIL	Optional		Multiple

2.39 Employment Type

Identification

Name	Employment Type
Metadata Type	Data Element
Identifier	DE-10287
OID	1.2.36.1.2001.1001.101.103.10287

Definition

Definition	The basis on which the person is employed by the employer organisation.
Definition Source	NEHTA
Synonymous Names	
Data Type	CodedText
Value Domain	*Not specified.*
	In the absence of national standard code sets, the code sets used **SHALL** be registered code sets, i.e. registered through the HL7 code set registration procedure with an appropriate object identifier (OID), and **SHALL** be publicly available.
	When national standard code sets become available, they **SHALL** be used and the non standard code sets **SHALL** be deprecated.

Usage

Examples	1. Full-time
	2. Part-time
	3. Casual

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	EMPLOYMENT DETAIL	Optional		Single

2.40 Occupation

Identification

Name	Occupation
Metadata Type	Data Element
Identifier	DE-10289
OID	1.2.36.1.2001.1001.101.103.10289
External Identifier	Person—occupation (main) (METeOR Id: 350899)

Definition

Definition	A descriptor of the class of job based on similarities in the tasks undertaken.
Definition Source	Australian Institute of Health and Welfare
Synonymous Names	Healthcare Provider Field Of Practice
Data Type	CodeableText
Value Domain	Occupation Values

Usage

Examples	1. 253111 General Medical Practitioner
	2. 254111 Midwife
	3. 251513 Retail Pharmacist

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	EMPLOYMENT DETAIL	Optional		Multiple

2.41 Occupation Values

Identification

Name	Occupation Values
Metadata Type	Value Domain
Identifier	VD-10317
OID	1.2.36.1.2001.1001.101.104.10317
External Identifier	Occupation (METeOR NHDD V14)

Definition

Definition	The set of values for the descriptor of the class of job based on similarities in the tasks undertaken.
Definition Source	Australian Institute of Health and Welfare

Value Domain

Source	1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, 2006 - METeOR 350899

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T/T₀₁₀	Occupation	Essential		Single

2.42 Position In Organisation

Identification

Name	Position In Organisation
Metadata Type	Data Element
Identifier	DE-16266
OID	1.2.36.1.2001.1001.101.103.16266

Definition

Definition	A descriptor of the job or the job role based on the management hierarchy of the organisation.
Definition Source	NEHTA
Synonymous Names	
Data Type	CodeableText
Value Domain	Position In Organisation Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	EMPLOYMENT DETAIL	Optional		Single

2.43 Position In Organisation Values

Identification

Name	Position In Organisation Values
Metadata Type	Value Domain
Identifier	VD-16265
OID	1.2.36.1.2001.1001.101.104.16265

Definition

Definition	The set of values for a descriptor of the job or the job role based on the management hierarchy of the organisation.
Definition Source	NEHTA

Value Domain

Source	1220.0 - ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, 2006 - METeOR 350899

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T/T₀₁₀	Position In Organisation	Essential		Single

2.44 DEMOGRAPHIC DATA

Identification

Name	DEMOGRAPHIC DATA
Metadata Type	Data Group
Identifier	DG-10241
OID	1.2.36.1.2001.1001.101.102.10241
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	Additional characteristics of a person that may be useful for identification or other clinical purposes.
Definition Source	Standards Australia
Synonymous Names	
Notes	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. Data elements in this group have been sourced from and aligned with AS4846 (2006) and AS5017 (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. Inclusion of Person Additional Demographic Data is conditional upon the participant being a person. Where the participant is a person (PARTICIPATION.PERSON) Person Additional Demographic Data **MAY** be included.

Usage

Conditions of Use	Each instance of this data group **SHALL** have at least one child with a value.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PERSON	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
T_{010}	Sex	Optional		Single
⊧	DATE OF BIRTH DETAIL	Optional		Single
⊧	AGE DETAIL	Optional		Single
123	Birth Plurality	Optional		Single
123	Birth Order	Optional		Single
⊧	DATE OF DEATH DETAIL	Optional		Single
T_{010}	Source of Death Notification	Optional		Single
T	Mother's Original Family Name	Optional		Single
T/T_{010}	Country of Birth	Optional		Single
T_{010}	State/Territory of Birth	Optional		Single
T_{010}	Indigenous Status	Optional		Single

2.45 Sex

Identification

Name	Sex
Metadata Type	Data Element
Identifier	DE-20107
OID	1.2.36.1.2001.1001.101.103.20107
External Identifier	AS 5017 (2006) - Healthcare Client Identification

Definition

Definition	The biological distinction between male and female. Where there is inconsistency between anatomical and chromosomal characteristics, sex is based on anatomical characteristics.
Definition Source	Standards Australia
Synonymous Names	Administrative Gender (HL7).
Data Type	CodedText
Value Domain	Sex Values

Usage

Conditions of Use	If this data element is not supplied, a null flavour **SHALL** be available, and the recipient will not be able to identify the participant through the national Healthcare Identifiers Service (HI Service).
Conditions of Use Source	NEHTA
Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

2.46 Sex Values

Identification

Name	Sex Values
Metadata Type	Value Domain
Identifier	VD-20107
OID	1.2.36.1.2001.1001.101.104.20107
External Identifier	Person–sex (METeOR id: 287316)

Definition

Definition	The set of values for the biological distinction between male and female.
Definition Source	Australian Institute of Health and Welfare

Value Domain

Source	Person–sex (METeOR id: 287316)
Permissible Values	1 Male
	2 Female
	3 Intersex or indeterminate
	9 Not stated / inadequately described

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Sex	Essential		Single

2.47 DATE OF BIRTH DETAIL

Identification

Name	DATE OF BIRTH DETAIL
Metadata Type	Data Group
Identifier	DG-16232
OID	1.2.36.1.2001.1001.101.102.16232

Definition

Definition	Details of the accuracy, origin and value of a person's date of birth.
Definition Source	NEHTA
Synonymous Names	

Usage

Conditions of Use	If this data group is not supplied, a null flavour **SHALL** be available, and the recipient will not be able to identify the participant through the national Healthcare Identifiers Service (HI Service).
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	Date of Birth	Essential		Single
	Date of Birth is Calculated From Age	Optional		Single
	DATE OF BIRTH ACCURACY INDICATOR	Optional		Single

2.48 Date of Birth

Identification

Name	Date of Birth
Metadata Type	Data Element
Identifier	DE-20108
OID	1.2.36.1.2001.1001.101.103.20108
External Identifier	AS 5017 (2006) - Healthcare Client Identification

Definition

Definition	The date of birth of the person.
Definition Source	Standards Australia
Synonymous Names	Birth Date Birth Date and Time DOB
Context	Used to capture the data of birth of a person (e.g. subject of care). Standards Australia AS 5017 (2006) - Healthcare Client Identification **RECOMMENDED** that this data item to be used in conjunction with Date Accuracy Indicator.
Context Source	NEHTA
Notes	Where the Date of Birth is not known an estimated date is permitted.
Data Type	DateTime

Usage

Conditions of Use	If this data element is not supplied, a null flavour **SHALL** be available, and the recipient will not be able to identify the participant through the national Healthcare Identifiers Service (HI Service).
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊢	DATE OF BIRTH DETAIL	Essential		Single

2.49 Date of Birth is Calculated From Age

Identification

Name	Date of Birth is Calculated From Age
Metadata Type	Data Element
Identifier	DE-16233
OID	1.2.36.1.2001.1001.101.103.16233

Definition

Definition	Indicates whether or not a person's date of birth has been derived from the value in the Age data element.
Definition Source	NEHTA
Synonymous Names	
Notes	Where the date of birth is derived from the age: 1. only the year **SHOULD** be supplied; 2. the date accuracy indicator for the year **SHOULD** be the same as the Age Accuracy Indicator; and 3. the date accuracy indicators for the month and day **SHOULD** be "false".
Data Type	Boolean

Usage

Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DATE OF BIRTH DETAIL	Optional		Single

2.50 DATE OF BIRTH ACCURACY INDICATOR

Identification

Name	DATE OF BIRTH ACCURACY INDICATOR
Metadata Type	Data Group
Identifier	DG-16234
OID	1.2.36.1.2001.1001.101.102.16234

Definition

Definition	The level of certainty or estimation of a person's date of birth.
Definition Source	NEHTA
Synonymous Names	
Notes	Provision of a date of birth is a mandatory requirement. However, at times, the actual date, or part thereof, is not known or estimated.
	This indicator is designed to flag the part, or parts, of a date that have been estimated or are unknown when a date provided is based on an approximation rather than the actual date.

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate.
	A false or negative value indicates that the information supplied is not accurate or has been estimated.
	If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DATE OF BIRTH DETAIL	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
✓✗	Date of Birth Day Accuracy Indicator	Essential		Single
✓✗	Date of Birth Month Accuracy Indicator	Essential		Single
✓✗	Date of Birth Year Accuracy Indicator	Essential		Single

2.51 Date of Birth Day Accuracy Indicator

Identification

Name	Date of Birth Day Accuracy Indicator
Metadata Type	Data Element
Identifier	DE-16236
OID	1.2.36.1.2001.1001.101.103.16236

Definition

Definition	The accuracy of the day component of a person's date of birth.
Definition Source	NEHTA
Synonymous Names	
Data Type	Boolean

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate. A false or negative value indicates that the information supplied is not accurate or has been estimated. If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DATE OF BIRTH ACCURACY INDICATOR	Essential		Single

2.52 Date of Birth Month Accuracy Indicator

Identification

Name	Date of Birth Month Accuracy Indicator
Metadata Type	Data Element
Identifier	DE-16238
OID	1.2.36.1.2001.1001.101.103.16238

Definition

Definition	The accuracy of the month component of a person's date of birth.
Definition Source	NEHTA
Synonymous Names	
Data Type	Boolean

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate.
	A false or negative value indicates that the information supplied is not accurate or has been estimated.
	If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊢	DATE OF BIRTH ACCURACY INDICATOR	Essential		Single

2.53 Date of Birth Year Accuracy Indicator

Identification

Name	Date of Birth Year Accuracy Indicator
Metadata Type	Data Element
Identifier	DE-16240
OID	1.2.36.1.2001.1001.101.103.16240

Definition

Definition	The accuracy of the year component of a person's date of birth.
Definition Source	NEHTA
Synonymous Names	
Data Type	Boolean

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate. A false or negative value indicates that the information supplied is not accurate or has been estimated. If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DATE OF BIRTH ACCURACY INDICATOR	Essential		Single

2.54 AGE DETAIL

Identification

Name	AGE DETAIL
Metadata Type	Data Group
Identifier	DG-16241
OID	1.2.36.1.2001.1001.101.102.16241

Definition

Definition	Details of the accuracy and value of a person's age.
Definition Source	NEHTA
Synonymous Names	

Usage

Conditions of Use	If age details are provided then date of birth details **SHALL** either be provided, or the date of birth details **SHALL** be calculated and indicated.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	Age	Essential		Single
	Age Accuracy Indicator	Optional		Single

2.55 Age

Identification

Name	Age
Metadata Type	Data Element
Identifier	DE-20109
OID	1.2.36.1.2001.1001.101.103.20109

Definition

Definition	The age of a person/subject of care at the time.
Definition Source	NEHTA
Synonymous Names	
Data Type	Duration

Usage

Conditions of Use	The age units are: minute; hour; day; week; month; year.
Conditions of Use Source	NEHTA
Examples	1. 6 months. 2. 67 years.
Misuse	Combining age units, for example 6 years and 3 months or 4 months and 7 days.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	AGE DETAIL	Essential		Single

2.56 Age Accuracy Indicator

Identification

Name	Age Accuracy Indicator
Metadata Type	Data Element
Identifier	DE-16279
OID	1.2.36.1.2001.1001.101.103.16279

Definition

Definition	The accuracy of a person's age.
Definition Source	NEHTA
Synonymous Names	
Data Type	Boolean

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate.
	A false or negative value indicates that the information supplied is not accurate or has been estimated.
	If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⌐	AGE DETAIL	Optional		Single

2.57 Birth Plurality

Identification

Name	Birth Plurality
Metadata Type	Data Element
Identifier	DE-16249
OID	1.2.36.1.2001.1001.101.103.16249
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Birth Plurality

Definition

Definition	An indicator of multiple birth, showing the total number of births resulting from a single pregnancy.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Number

Usage

Conditions of Use	Plurality of a pregnancy is determined by the number of live births or by the number of foetuses that remain in utero at 20 weeks gestation and that are subsequently born separately. In multiple pregnancies, or if gestational age is unknown, only live births of any birthweight or gestational age, or foetuses weighing 400 g or more, are taken into account in determining plurality. Foetuses aborted before 20 completed weeks or foetuses compressed in the placenta at 20 or more weeks are excluded.
Conditions of Use Source	Standards Australia
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

2.58 Birth Order

Identification

Name	Birth Order
Metadata Type	Data Element
Identifier	DE-16250
OID	1.2.36.1.2001.1001.101.103.16250

Definition

Definition	The sequential order of each baby of a multiple birth regardless of live or still birth.
Definition Source	NEHTA
Synonymous Names	
Data Type	Number

Usage

Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

2.59 DATE OF DEATH DETAIL

Identification

Name	DATE OF DEATH DETAIL
Metadata Type	Data Group
Identifier	DG-16251
OID	1.2.36.1.2001.1001.101.102.16251

Definition

Definition	Details of the accuracy and value of a person's date of death.
Definition Source	NEHTA
Synonymous Names	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	Date of Death	Essential		Single
	DATE OF DEATH ACCURACY INDICATOR	Optional		Single

2.60 Date of Death

Identification

Name	Date of Death
Metadata Type	Data Element
Identifier	DE-21169
OID	1.2.36.1.2001.1001.101.103.21169
External Identifier	AS 5017 (2006) - Healthcare Client Identification

Definition

Definition	The date or date and time at which a person was estimated or certified to have died.
Definition Source	Standards Australia
Synonymous Names	
Notes	Where the Date of Death is not known an estimated date is permitted.
Data Type	DateTime

Usage

Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DATE OF DEATH DETAIL	Essential		Single

2.61 DATE OF DEATH ACCURACY INDICATOR

Identification

Name	DATE OF DEATH ACCURACY INDICATOR
Metadata Type	Data Group
Identifier	DG-16252
OID	1.2.36.1.2001.1001.101.102.16252

Definition

Definition	The level of certainty or estimation of a person's date of death.
Definition Source	NEHTA
Synonymous Names	
Notes	At times, the actual date, or part thereof, is not known or estimated.
	This indicator is designed to flag the part, or parts, of a date that have been estimated or are unknown when a date provided is based on an approximation rather than the actual date.

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate.
	A false or negative value indicates that the information supplied is not accurate or has been estimated.
	If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DATE OF DEATH DETAIL	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	Date of Death Day Accuracy Indicator	Essential		Single

Data Type	Name	Obligation	Condition	Occurrence
✓✗	Date of Death Month Accuracy Indicator	Essential		Single
✓✗	Date of Death Year Accuracy Indicator	Essential		Single

2.62 Date of Death Day Accuracy Indicator

Identification

Name	Date of Death Day Accuracy Indicator
Metadata Type	Data Element
Identifier	DE-16254
OID	1.2.36.1.2001.1001.101.103.16254

Definition

Definition	The accuracy of the day component of a person's date of death.
Definition Source	NEHTA
Synonymous Names	
Data Type	Boolean

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate. A false or negative value indicates that the information supplied is not accurate or has been estimated. If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DATE OF DEATH ACCURACY INDICATOR	Essential		Single

2.63 Date of Death Month Accuracy Indicator

Identification

Name	Date of Death Month Accuracy Indicator
Metadata Type	Data Element
Identifier	DE-16256
OID	1.2.36.1.2001.1001.101.103.16256

Definition

Definition	The accuracy of the month component of a person's date of death.
Definition Source	NEHTA
Synonymous Names	
Data Type	Boolean

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate. A false or negative value indicates that the information supplied is not accurate or has been estimated. If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	DATE OF DEATH ACCURACY INDICATOR	Essential		Single

2.64 Date of Death Year Accuracy Indicator

Identification

Name	Date of Death Year Accuracy Indicator
Metadata Type	Data Element
Identifier	DE-16258
OID	1.2.36.1.2001.1001.101.103.16258

Definition

Definition	The accuracy of the year component of a person's date of death.
Definition Source	NEHTA
Synonymous Names	
Data Type	Boolean

Usage

Conditions of Use	A true or positive value indicates that the information supplied is accurate.
	A false or negative value indicates that the information supplied is not accurate or has been estimated.
	If no value is supplied, a null flavour **SHALL** be available, and the accuracy is unknown.
Conditions of Use Source	NEHTA
Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DATE OF DEATH ACCURACY INDICATOR	Essential		Single

2.65 Source of Death Notification

Identification

Name	Source of Death Notification
Metadata Type	Data Element
Identifier	DE-10243
OID	1.2.36.1.2001.1001.101.103.10243
External Identifier	AS 5017 (2006) - Healthcare Client Identification

Definition

Definition	The person, location, organisation or other originator of information relating to the date of death.
Definition Source	NEHTA
Synonymous Names	
Data Type	CodedText
Value Domain	Source of Death Notification Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

2.66 Source of Death Notification Values

Identification

Name	Source of Death Notification Values
Metadata Type	Value Domain
Identifier	VD-10314
OID	1.2.36.1.2001.1001.101.104.10314
External Identifier	AS 5017 (2006) - Healthcare Client Identification

Definition

Definition	The set of values for the person, location, organisation or other originator of information relating to the date of death.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 Source of Death Notification Data Domain
Permissible Values	1 Official death certificate or death register
	2 Healthcare provider
	3 Relative
	4 Other
	9 Unknown

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Source of Death Notification	Essential		Single

2.67 Mother's Original Family Name

Identification

Name	Mother's Original Family Name
Metadata Type	Data Element
Identifier	DE-10245
OID	1.2.36.1.2001.1001.101.103.10245
External Identifier	AS 5017 (2006) - Healthcare Client Identification

Definition

Definition	The original family name of the person's mother.
Definition Source	Standards Australia
Synonymous Names	
Notes	**MAY** be used to confirm the identity of the person.
Data Type	Text

Usage

Examples	1. Jones
	2. Smith
	3. Nguyen

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

2.68 Country of Birth

Identification

Name	Country of Birth
Metadata Type	Data Element
Identifier	DE-21139
OID	1.2.36.1.2001.1001.101.103.21139
External Identifier	AS 5017 (2006) - Healthcare Client Identification

Definition

Definition	The country in which the person was born.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodeableText
Value Domain	Country Values

Usage

Examples	1. 8104 United States of America 2. 2102 England

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

2.69 Country Values

Identification

Name	Country Values
Metadata Type	Value Domain
Identifier	VD-21139
OID	1.2.36.1.2001.1001.101.104.21139
External Identifier	AS 5017 (2006) - Healthcare Client Identification

Definition

Definition	The set of values for the country in which the person was born.
Definition Source	Standards Australia

Value Domain

Source	Australian Bureau of Statistics, Standard Australian Classification of Countries (SACC) Cat. No. 1269

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T/T_{o10}	Country of Birth	Essential		Single

2.70 State/Territory of Birth

Identification

Name	State/Territory of Birth
Metadata Type	Data Element
Identifier	DE-16262
OID	1.2.36.1.2001.1001.101.103.16262

Definition

Definition	The identifier of the Australian state or territory where a person is born.
Definition Source	NEHTA
Synonymous Names	
Data Type	CodedText
Value Domain	State/Territory of Birth Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

2.71 State/Territory of Birth Values

Identification

Name	State/Territory of Birth Values
Metadata Type	Value Domain
Identifier	VD-16262
OID	1.2.36.1.2001.1001.101.104.16262

Definition

Definition	The set of values for the identifier of the Australian state or territory where a person is born.
Definition Source	NEHTA

Value Domain

Source	AS5017 Australian State/Territory Identifier – Postal	
Permissible Values	1, NSW	New South Wales
	2, VIC	Victoria
	3, QLD	Queensland
	4, SA	South Australia
	5, WA	Western Australia
	6, TAS	Tasmania
	7, NT	Northern Territory
	8, ACT	Australian Capital Territory
	9, U	Unknown

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	State/Territory of Birth	Essential		Single

2.72 Indigenous Status

Identification

Name	Indigenous Status
Metadata Type	Data Element
Identifier	DE-16264
OID	1.2.36.1.2001.1001.101.103.16264
External Identifier	Person—Indigenous status (METeOR id: 291036)

Definition

Definition	Indigenous Status is a measure of whether a person identifies as being of Aboriginal or Torres Strait Islander origin.
Definition Source	Australian Institute of Health and Welfare
Synonymous Names	
Notes	The definition above is in accord with the first two of three components of the Commonwealth definition.

The following definition, commonly known as 'The Commonwealth Definition', was given in a High Court judgement in the case of Commonwealth v Tasmania (1983) 46 ALR 625.

> An Aboriginal or Torres Strait Islander is a person of Aboriginal or Torres Strait Islander descent who identifies as an Aboriginal or Torres Strait Islander and is accepted as such by the community in which he or she lives.

There are three components to the Commonwealth definition:

• descent;

• self-identification; and

• community acceptance.

In practice, it is not feasible to collect information on the community acceptance part of this definition in general purpose statistical and administrative collections and therefore standard questions on Indigenous status relate to descent and self-identification only. |
| **Data Type** | CodedText |
| **Value Domain** | Indigenous Status Values |

Usage

Conditions of Use	The classification for Indigenous Status has a hierarchical structure comprising two levels. There are four categories at the detailed level of the classification which

	are grouped into two categories at the broad level. There is one supplementary category for 'not stated' responses. The classification is as follows:
	Indigenous:
	• Aboriginal but not Torres Strait Islander origin;
	• Torres Strait Islander but not Aboriginal origin; or
	• both Aboriginal and Torres Strait Islander origin.
	Non-Indigenous:
	• Neither Aboriginal nor Torres Strait Islander origin.
	Not stated/ inadequately described:
	This category is not to be available as a valid answer to the questions but is intended for use:
	• primarily when importing data from other data collections that do not contain mappable data;
	• where an answer was refused; or
	• where the question was not able to be asked prior to completion of assistance because the client was unable to communicate or a person who knows the client was not available.
Conditions of Use Source	Australian Institute of Health and Welfare
Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	DEMOGRAPHIC DATA	Optional		Single

2.73 Indigenous Status Values

Identification

Name	Indigenous Status Values
Metadata Type	Value Domain
Identifier	VD-16263
OID	1.2.36.1.2001.1001.101.104.16263

Definition

Definition	The set of values that indicates whether a person identifies as being of Aboriginal or Torres Strait Islander origin.
Definition Source	Australian Institute of Health and Welfare

Value Domain

Source	Person—Indigenous status (METeOR id: 291036)
Permissible Values	1 Aboriginal but not Torres Strait Islander origin
	2 Torres Strait Islander but not Aboriginal origin
	3 Both Aboriginal and Torres Strait Islander origin
	4 Neither Aboriginal nor Torres Strait Islander origin
	9 Not stated/inadequately described

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Indigenous Status	Essential		Single

2.74 ENTITLEMENT

Identification

Name	ENTITLEMENT
Metadata Type	Data Group
Identifier	DG-16077
OID	1.2.36.1.2001.1001.101.102.16077

Definition

Definition	The entitlement or right of a participant to act in a given capacity (as defined by Entitlement Type) within a healthcare context.
Definition Source	NEHTA
Synonymous Names	Authority Benefit Concession
Notes	This data group covers a diverse range of concepts such as • the entitlement to collect or claim benefits, or • the right to carry out clinical practices, e.g. prescribing.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPANT	Optional		Multiple

Children

Data Type	Name	Obligation	Condition	Occurrence
ID	Entitlement Number	Essential		Single
T/T₀₁₀	Entitlement Type	Essential		Single
	Entitlement Validity Duration	Optional		Single

2.75 Entitlement Number

Identification

Name	Entitlement Number
Metadata Type	Data Element
Identifier	DE-16078
OID	1.2.36.1.2001.1001.101.103.16078

Definition

Definition	A number or code issued for the purpose of identifying the entitlement or right of a participant to act in a given capacity (as defined by Entitlement Type) within a healthcare context.
Definition Source	NEHTA
Synonymous Names	Authority Number Benefit Number Concession Number
Data Type	UniqueIdentifier

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ENTITLEMENT	Essential		Single

2.76 Entitlement Type

Identification

Name	Entitlement Type
Metadata Type	Data Element
Identifier	DE-16048
OID	1.2.36.1.2001.1001.101.103.16048

Definition

Definition	The description of the scope of an entitlement.
Definition Source	NEHTA
Synonymous Names	Authority Type Benefit Type Concession Type
Data Type	CodeableText
Value Domain	*Not specified.* In the absence of national standard code sets, the code sets used **SHALL** be registered code sets, i.e. registered through the HL7 code set registration procedure with an appropriate object identifier (OID), and **SHALL** be publicly available. When national standard code sets become available, they **SHALL** be used and the non standard code sets **SHALL** be deprecated.

Usage

Examples	1. Commonwealth Seniors Health Concession 2. Healthcare Benefits 3. Pensioner Concession 4. Repatriation Pharmaceutical Benefits 5. Safety Net Concession 6. Safety Net Entitlement

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ENTITLEMENT	Essential		Single

2.77 Entitlement Validity Duration

Identification

Name	Entitlement Validity Duration
Metadata Type	Data Element
Identifier	DE-16049
OID	1.2.36.1.2001.1001.101.103.16049

Definition

Definition	The time interval for which an entitlement is valid.
Definition Source	NEHTA
Synonymous Names	
Data Type	TimeInterval

Usage

Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ENTITLEMENT	Optional		Single

2.78 Qualifications

Identification

Name	Qualifications
Metadata Type	Data Element
Identifier	DE-16268
OID	1.2.36.1.2001.1001.101.103.16268

Definition

Definition	For persons and organisation: A list of professional certifications, and certificates recognising having passed a course. For devices and systems: Product certificates recognising having passed a standard or pre-determined level of quality.
Definition Source	NEHTA
Synonymous Names	
Data Type	Text

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPANT	Optional		Single

3 Address Data Group

3.1 ADDRESS

Identification

Name	ADDRESS
Metadata Type	Data Group
Identifier	DG-20106
OID	1.2.36.1.2001.1001.101.102.20106
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Address; AS 4846 (2006) - Healthcare Provider Identification: Address

Definition

Definition	The description of a location where an entity 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.
Definition Source	Standards Australia
Synonymous Names	

Usage

Conditions of Use	There **SHALL NOT** be more than two addresses (e.g. one street address and one postal address) associated with any one individual or organisation.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	PARTICIPANT	Optional		Multiple

Children

Data Type	Name	Obligation	Condition	Occurrence
	No Fixed Address Indicator	Essential		Single

Data Type	Name	Obligation	Condition	Occurrence
C	AUSTRALIAN OR INTERNATIONAL ADDRESS	Essential		Single
T₀₁₀	Address Purpose	Essential		Single

3.2 No Fixed Address Indicator

Identification

Name	No Fixed Address Indicator
Metadata Type	Data Element
Identifier	DE-10231
OID	1.2.36.1.2001.1001.101.103.10231
External Identifier	AS 5017 (2006) - Healthcare Client Identification: No Fixed Address Indicator; AS 4846 (2006) - Healthcare Provider Identification: No Fixed Address Indicator

Definition

Definition	A flag to indicate whether or not the participant has no fixed address.
Definition Source	Standards Australia
Synonymous Names	
Notes	Where an ADDRESS has No Fixed Address Indicator set to "true", then there **SHALL** be a single Unstructured Australian Address Line (in AUSTRALIAN ADDRESS) or International Address Line (in INTERNATIONAL ADDRESS) having the value of "Unknown".
Data Type	Boolean

Usage

Examples	See: [NEHT2010d]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	ADDRESS	Essential		Single

3.3 AUSTRALIAN OR INTERNATIONAL ADDRESS

Identification

Name	AUSTRALIAN OR INTERNATIONAL ADDRESS
Metadata Type	Choice
Identifier	C-10262
OID	1.2.36.1.2001.1001.101.105.10262

Definition

Definition	Represents a choice to be made at run-time between an AUSTRALIAN ADDRESS and an INTERNATIONAL ADDRESS.
Definition Source	NEHTA
Synonymous Names	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ADDRESS	Essential		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
	INTERNATIONAL ADDRESS	Optional		Single
	AUSTRALIAN ADDRESS	Optional		Single

3.4 INTERNATIONAL ADDRESS

Identification

Name	INTERNATIONAL ADDRESS
Metadata Type	Data Group
Identifier	DG-10261
OID	1.2.36.1.2001.1001.101.102.10261
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The description of a non-Australian location where an entity is located or can be otherwise reached or found.
Definition Source	Standards Australia
Synonymous Names	

Usage

Conditions of Use	The children of this data group are all optional, but at least one **SHALL** be supplied.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
C	AUSTRALIAN OR INTERNATIONAL ADDRESS	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
T	International Address Line	Optional		Multiple
T	International State/Province	Optional		Single
T	International Postcode	Optional		Single

Data Type	Name	Obligation	Condition	Occurrence
T/T_{c10}	Country	Optional		Single

3.5 International Address Line

Identification

Name	International Address Line
Metadata Type	Data Element
Identifier	DE-10222
OID	1.2.36.1.2001.1001.101.103.10222
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

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.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Text

Usage

Examples	1. 3424 Kossuth Avenue, Bronx
	2. Raddlebarn Road, Selly Oak

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	INTERNATIONAL ADDRESS	Optional		Multiple

3.6 International State/Province

Identification

Name	International State/Province
Metadata Type	Data Element
Identifier	DE-10224
OID	1.2.36.1.2001.1001.101.103.10224
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

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.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Text

Usage

Examples	1. New York
	2. Birmingham

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊧	INTERNATIONAL ADDRESS	Optional		Single

3.7 International Postcode

Identification

Name	International Postcode
Metadata Type	Data Element
Identifier	DE-10225
OID	1.2.36.1.2001.1001.101.103.10225
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The alphanumeric 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.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Text

Usage

Examples	1. 10467 2. B29 6JD

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	INTERNATIONAL ADDRESS	Optional		Single

3.8 Country

Identification

Name	Country
Metadata Type	Data Element
Identifier	DE-10227
OID	1.2.36.1.2001.1001.101.103.10227
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The country component of the address.
Definition Source	Standards Australia
Synonymous Names	
Notes	Note that this data element represents a variation on AS4846 and AS5017 which only require the code associated with the country.
Data Type	CodeableText
Value Domain	Country Values

Usage

Examples	1. 8104 - United States of America
	2. 2102 - England

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	INTERNATIONAL ADDRESS	Optional		Single

3.9 Country Values

Identification

Name	Country Values
Metadata Type	Value Domain
Identifier	VD-21139
OID	1.2.36.1.2001.1001.101.104.21139
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The set of values for the country component of the address.
Definition Source	Standards Australia

Value Domain

Source	Australian Bureau of Statistics, Standard Australian Classification of Countries (SACC) Cat. No. 1269.0

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T/T₀₁₀	Country	Essential		Single

3.10 AUSTRALIAN ADDRESS

Identification

Name	AUSTRALIAN ADDRESS
Metadata Type	Data Group
Identifier	DG-10179
OID	1.2.36.1.2001.1001.101.102.10179
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The description of an Australian location where an entity is located or can be otherwise reached or found.
Definition Source	Standards Australia
Synonymous Names	

Usage

Conditions of Use	The children of this data group are all optional, but at least one **SHALL** be supplied.
Conditions of Use Source	NEHTA

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
C	AUSTRALIAN OR INTERNATIONAL ADDRESS	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
T	Unstructured Australian Address Line	Optional		Multiple
⊩	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single
T/T₀₁₀	Australian Suburb/Town/Locality	Optional		Single

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Australian State/Territory	Optional		Single
T₀₁₀	Australian Postcode	Optional		Single
ID	Australian Delivery Point Identifier	Optional		Single

3.11 Unstructured Australian Address Line

Identification

Name	Unstructured Australian Address Line
Metadata Type	Data Element
Identifier	DE-10188
OID	1.2.36.1.2001.1001.101.103.10188
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	A composite of one or more low level standard address components describing a geographical/physical location that, used in conjunction with the other high level address components, e.g. Australian suburb/town/locality name, Australian postcode and Australian State/Territory, forms a complete geographical/physical address.
Definition Source	Standards Australia
Synonymous Names	
Context	Where the STRUCTURED ADDRESS LINE is populated, this item **SHOULD** be a combination of the following standard address data elements and **SHOULD** be concatenated in the following sequence: • 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
Context Source	Standards Australia
Data Type	Text

Usage

Examples	1. L 15 Rm 2B 27 James Street
	2. U 2A Technology Park, 4 Centre Road

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	Optional		Multiple

3.12 STRUCTURED AUSTRALIAN ADDRESS LINE

Identification

Name	STRUCTURED AUSTRALIAN ADDRESS LINE
Metadata Type	Data Group
Identifier	DG-16058
OID	1.2.36.1.2001.1001.101.102.16058

Definition

Definition	The standard low level address components describing a geographical/physical 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, form a complete geographical/physical address.
Definition Source	NEHTA
Synonymous Names	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	[AUSTRALIAN ADDRESS](#)	Optional		Single

Children

Data Type	Name	Obligation	Condition	Occurrence
T010	[Australian Unit Type](#)	Optional		Single
T	[Australian Unit Number](#)	Optional		Single
T	[Australian Address Site Name](#)	Optional		Single
T010	[Australian Level Type](#)	Optional		Single
T	[Australian Level Number](#)	Optional		Single
T	[Australian Street Number](#)	Optional		Single

Data Type	Name	Obligation	Condition	Occurrence
T	Australian Lot Number	Optional		Single
T	Australian Street Name	Optional		Single
T₀₁₀	Australian Street Type	Optional		Single
T₀₁₀	Australian Street Suffix	Optional		Single
T₀₁₀	Australian Postal Delivery Type	Optional		Single
T	Australian Postal Delivery Number	Optional		Single

3.13 Australian Unit Type

Identification

Name	Australian Unit Type
Metadata Type	Data Element
Identifier	DE-16217
OID	1.2.36.1.2001.1001.101.103.16217
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Unit Type; AS 4846 (2006) - Healthcare Provider Identification: Australian Unit Type

Definition

Definition	The specification of the type of a separately identifiable portion within a building/complex, marina etc. to clearly distinguish it from another.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Australian Unit Type Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.14 Australian Unit Type Values

Identification

Name	Australian Unit Type Values
Metadata Type	Value Domain
Identifier	VD-16215
OID	1.2.36.1.2001.1001.101.104.16215

Definition

Definition	The set of values for the specification of the type of a separately identifiable portion within a building/complex, marina etc. to clearly distinguish it from another.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 (2006) - Healthcare Client Identification: Australian Unit Type; AS 4846 (2006) - Healthcare Provider Identification: Australian Unit Type	
Permissible Values	Apt	Apartment
	Ctge	Cottage
	Dup	Duplex
	F	Flat
	Fy	Factory
	Hse	House
	Ksk	Kiosk
	Mb	Marine Berth
	Msnt Off	Maisonette Office
	Pths	Penthouse
	Rm	Room
	Se	Suite
	Shed	Shed
	Shop	Shop
	Site	Site
	Sl	Stall
	Stu	Studio

	Tnhs	Townhouse
	U	Unit
	Vlla	Villa
	Ward	Ward
	We	Warehouse

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Australian Unit Type	Essential		Single

3.15 Australian Unit Number

Identification

Name	Australian Unit Number
Metadata Type	Data Element
Identifier	DE-16218
OID	1.2.36.1.2001.1001.101.103.16218
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Unit Number; AS 4846 (2006) - Healthcare Provider Identification: Australian Unit Number

Definition

Definition	The specification of the number or identifier of a building/complex, marina etc. to clearly distinguish it from another.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Text

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.16 Australian Address Site Name

Identification

Name	Australian Address Site Name
Metadata Type	Data Element
Identifier	DE-16219
OID	1.2.36.1.2001.1001.101.103.16219
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Site Name; AS 4846 (2006) - Healthcare Provider Identification: Australian Site Name

Definition

Definition	The full name used to identify the physical building or property as part of its location.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Text

Usage

Examples	1. Treasury Building
	2. Brindabella Station

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.17 Australian Level Type

Identification

Name	Australian Level Type
Metadata Type	Data Element
Identifier	DE-16221
OID	1.2.36.1.2001.1001.101.103.16221
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Level Type; AS 4846 (2006) - Healthcare Provider Identification: Australian Level Type

Definition

Definition	Descriptor used to classify the type of floor or level of a multistorey building/complex.
Definition Source	Standards Australia
Synonymous Names	
Notes	From [SA2006a]:
	Some Australian Level identification may require the Australian Level Type plus the Australian Level Number to be recorded.
	Examples of Australian Level identification:
	• FL 1A
	• L 3
	• LG A
	...
	Some Australian Level Type entries will often have no corresponding number e.g. "Basement", "Ground", "Lower Ground", "Mezzanine" and "Upper Ground".
Data Type	CodedText
Value Domain	Australian Level Type Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.18 Australian Level Type Values

Identification

Name	Australian Level Type Values
Metadata Type	Value Domain
Identifier	VD-16220
OID	1.2.36.1.2001.1001.101.104.16220

Definition

Definition	The set of values for the descriptor used to classify the type of floor or level of a multistorey building/complex.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 (2006) - Healthcare Client Identification: Australian Level Type; AS 4846 (2006) - Healthcare Provider Identification: Australian Level Type
Permissible Values	B Basement FL Floor G Ground L Level LG Lower Ground M Mezzanine UG Upper Ground

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Australian Level Type	Essential		Single

3.19 Australian Level Number

Identification

Name	Australian Level Number
Metadata Type	Data Element
Identifier	DE-16222
OID	1.2.36.1.2001.1001.101.103.16222
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Level Number; AS 4846 (2006) - Healthcare Provider Identification: Australian Level Number

Definition

Definition	Descriptor used to identify the floor or level of a multi-storey building/complex.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Text

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.20 Australian Street Number

Identification

Name	Australian Street Number
Metadata Type	Data Element
Identifier	DE-16223
OID	1.2.36.1.2001.1001.101.103.16223
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Street Number; AS 4846 (2006) - Healthcare Provider Identification: Australian Street Number

Definition

Definition	The numeric or alphanumeric reference number of a house or property that is unique within a street name.
Definition Source	Standards Australia
Synonymous Names	
Notes	Generally, only one Australian Street Number is used. However, if the Australian Street Number includes a number range, the range of applicable numbers should be included, separated by a hyphen (-), with no spaces between numerals, i.e. 17-19. 1. Australian Street Number 1 – refers to physical Australian Street Number and for ranges is the starting number (5 numeric characters). 2. Australian Street Number suffix 1 – a single character identifying the Australian Street Number suffix (1 alphanumeric character). 3. Australian Street Number 2 – refers to a physical Australian Street Number and for ranges is the finishing number (5 numeric characters). 4. Australian Street Number suffix 2 – a single character identifying the Australian Street Number suffix (1 alphanumeric character) with no space between the numeric and the alpha characters.
Data Type	Text

Usage

Conditions of Use	Record Australian Street Number or Australian Lot Number but not both.
Conditions of Use Source	Standards Australia
Examples	1. 401A-403B Where • "401" is Australian Street Number first in range.

- "A" is Australian Street suffix 1.

- "403" is Australian Street Number last in range.

- "B" is Australian Street suffix 2.

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.21 Australian Lot Number

Identification

Name	Australian Lot Number
Metadata Type	Data Element
Identifier	DE-16224
OID	1.2.36.1.2001.1001.101.103.16224
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Lot Number; AS 4846 (2006) - Healthcare Provider Identification: Australian Lot Number

Definition

Definition	The Australian Lot reference allocated to an address in the absence of street numbering.
Definition Source	Standards Australia
Synonymous Names	
Context	The Australian Lot Number is suitable for postal purposes as well as the physical identification of addresses.
Context Source	Standards Australia
Data Type	Text

Usage

Conditions of Use	A Lot Number **SHALL** be used **ONLY** when a street number has not been specifically allocated or is not readily identifiable with the property. For identification purposes, the word 'Lot' **SHOULD** precede the lot number and be separated by a space.
Conditions of Use Source	Standards Australia
Examples	1. Lot 716 2. Lot 534A 3. Lot 716-718

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.22 Australian Street Name

Identification

Name	Australian Street Name
Metadata Type	Data Element
Identifier	DE-16225
OID	1.2.36.1.2001.1001.101.103.16225
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Street Name; AS 4846 (2006) - Healthcare Provider Identification: Australian Street Name

Definition

Definition	The name that identifies a public thoroughfare and differentiates it from others in the same suburb/town/locality.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Text

Usage

Conditions of Use	To be used in conjunction with Australian Street Type Code.
	To be used in conjunction with Australian Street Suffix Code.
	Mixed case should be used.
Conditions of Use Source	Standards Australia
Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.23 Australian Street Type

Identification

Name	Australian Street Type
Metadata Type	Data Element
Identifier	DE-16227
OID	1.2.36.1.2001.1001.101.103.16227
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Street Type Code; AS 4846 (2006) - Healthcare Provider Identification: Australian Street Type Code

Definition

Definition	A code that identifies the type of public thoroughfare.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Australian Street Type Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.24 Australian Street Type Values

Identification

Name	Australian Street Type Values
Metadata Type	Value Domain
Identifier	VD-16226
OID	1.2.36.1.2001.1001.101.104.16226

Definition

Definition	The set of values for a code that identifies the type of public thoroughfare.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 (2006) - Healthcare Client Identification: Australian Street Type Code; AS 4846 (2006) - Healthcare Provider Identification: Australian Street Type Code	
Permissible Values	Ally	Alley
	Arc	Arcade
	Ave	Avenue
	Bvd	Boulevard
	Bypa	Bypass
	Cct	Circuit
	Cl	Close
	Crn	Corner
	Ct	Court
	Cres	Crescent
	Cds	Cul-de-sac
	Dr	Drive
	Esp	Esplanade
	Grn	Green
	Gr	Grove
	Hwy	Highway
	Jnc	Junction
	Lane	Lane

Link	Link
Mews	Mews
Pde	Parade
Pl	Place
Rdge	Ridge
Rd	Road
Sq	Square
St	Street
Tce	Terrace

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Australian Street Type	Essential		Single

3.25 Australian Street Suffix

Identification

Name	Australian Street Suffix
Metadata Type	Data Element
Identifier	DE-16228
OID	1.2.36.1.2001.1001.101.103.16228
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Street Suffix; AS 4846 (2006) - Healthcare Provider Identification: Australian Street Suffix

Definition

Definition	Term used to qualify Australian Street Name used for directional references.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Australian Street Suffix Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.26 Australian Street Suffix Values

Identification

Name	Australian Street Suffix Values
Metadata Type	Value Domain
Identifier	VD-16228
OID	1.2.36.1.2001.1001.101.104.16228

Definition

Definition	The set of values for the term used to qualify Australian Street Name used for directional references.
Definition Source	Standards Australia

Value Domain

Source	AS 5017 (2006) - Healthcare Client Identification: Australian Street Suffix; AS 4846 (2006) - Healthcare Provider Identification: Australian Street Suffix
Permissible Values	CN Central
	E East
	EX Extension
	LR Lower
	N North
	NE North East
	NW North West
	S South
	SE South East
	SW South West
	UP Upper
	W West

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Australian Street Suffix	Essential		Single

3.27 Australian Postal Delivery Type

Identification

Name	Australian Postal Delivery Type
Metadata Type	Data Element
Identifier	DE-16230
OID	1.2.36.1.2001.1001.101.103.16230
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Postal Delivery Type Code; AS 4846 (2006) - Healthcare Provider Identification: Australian Postal Delivery Type Code

Definition

Definition	Identification for the channel of postal delivery.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Australian Postal Delivery Type Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.28 Australian Postal Delivery Type Values

Identification

Name	Australian Postal Delivery Type Values
Metadata Type	Value Domain
Identifier	VD-16229
OID	1.2.36.1.2001.1001.101.104.16229

Definition

Definition	The set of values for the identification for the channel of postal delivery.
Definition Source	*NEHTA*

Value Domain

Source	AS5017 Australian Postal Delivery Type Code	
Permissible Values	Care PO	Care-of Post Office (also known as Poste Restante)
	CMA	Community Mail Agent
	CMB	Community Mail Bag
	GPO Box	General Post Office Box
	Locked Bag	Locked Mail Bag Service
	PO Box	Post Office Box
	MS	Mail Service
	Care PO	Poste Restante (also known as Care-of Post Office)
	Private Bag	Private Mail Bag Service
	RSD	Roadside Delivery
	RMB	Roadside Mail Box/Bag
	RMS	Roadside Mail Service

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Australian Postal Delivery Type	Essential		Single

3.29 Australian Postal Delivery Number

Identification

Name	Australian Postal Delivery Number
Metadata Type	Data Element
Identifier	DE-16231
OID	1.2.36.1.2001.1001.101.103.16231
External Identifier	AS 5017 (2006) - Healthcare Client Identification: Australian Postal Delivery Number; AS 4846 (2006) - Healthcare Provider Identification: Australian Postal Delivery Number

Definition

Definition	Identification number for the channel of postal delivery.
Definition Source	Standards Australia
Synonymous Names	
Data Type	Text

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊢	STRUCTURED AUSTRALIAN ADDRESS LINE	Optional		Single

3.30 Australian Suburb/Town/Locality

Identification

Name	Australian Suburb/Town/Locality
Metadata Type	Data Element
Identifier	DE-10200
OID	1.2.36.1.2001.1001.101.103.10200
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The full name of the general locality contained within the specific address.
Definition Source	Standards Australia
Synonymous Names	
Notes	Australian Suburb/Town/Locality **MAY** be a town, city, suburb or commonly used location name such as a large agricultural property or Aboriginal community.
Data Type	CodeableText
Value Domain	Australian Suburb/Town/Locality Values

Usage

Examples	1. Oakhampton Heights
	2. Sulphur Creek
	3. Melbourne

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊦	AUSTRALIAN ADDRESS	Optional		Single

3.31 Australian Suburb/Town/Locality Values

Identification

Name	Australian Suburb/Town/Locality Values
Metadata Type	Value Domain
Identifier	VD-10301
OID	1.2.36.1.2001.1001.101.104.10301
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The set of values for the full name of the general locality contained within the specific address.
Definition Source	Standards Australia
Notes	Values in this data element **SHOULD** comply with descriptions in the Australia Post Postcode File

Value Domain

Source	See: *www.auspost.com.au/postcodes*[1]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T/T₀₁₀	Australian Suburb/Town/Locality	Essential		Single

---

[1] http://www.auspost.com.au/postcodes

3.32 Australian State/Territory

Identification

Name	Australian State/Territory
Metadata Type	Data Element
Identifier	DE-10302
OID	1.2.36.1.2001.1001.101.103.10302
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The identifier of the Australian state or territory.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Australian State/Territory Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	Optional		Single

3.33 Australian State/Territory Values

Identification

Name	Australian State/Territory Values
Metadata Type	Value Domain
Identifier	VD-10303
OID	1.2.36.1.2001.1001.101.104.10303

Definition

Definition	The set of values for the identifier of the Australian state or territory.
Definition Source	Australian Institute of Health and Welfare (AIHW)

Value Domain

Source	AS5017 Australian State/Territory Identifier – Postal
Permissible Values	1, NSW New South Wales
	2, VIC Victoria
	3, QLD Queensland
	4, SA South Australia
	5, WA Western Australia
	6, TAS Tasmania
	7, NT Northern Territory
	8, ACT Australian Capital Territory
	9, U Unknown

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Australian State/Territory	Essential		Single

3.34 Australian Postcode

Identification

Name	Australian Postcode
Metadata Type	Data Element
Identifier	DE-10212
OID	1.2.36.1.2001.1001.101.103.10212
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The numeric descriptor for a postal delivery area (as defined by Australia Post), aligned with locality, suburb or place for the address.
Definition Source	Standards Australia
Synonymous Names	
Notes	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.

Data in this data element **SHOULD** be verified against the locality field contained within the Australia Post Postcode book. This book is updated more than once annually as postcodes are dynamic entities and are constantly changing. |
| **Data Type** | CodedText |
| **Value Domain** | Australian Postcode Values |

Usage

Examples	1. 5091

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
⊨	AUSTRALIAN ADDRESS	Optional		Single

3.35 Australian Postcode Values

Identification

Name	Australian Postcode Values
Metadata Type	Value Domain
Identifier	VD-10304
OID	1.2.36.1.2001.1001.101.104.10304
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The set of values for the numeric descriptor for a postal delivery area (as defined by Australia Post), aligned with locality, suburb or place for the address.
Definition Source	Standards Australia
Notes	Values in this data element **SHOULD** comply with descriptions in the Australia Post Postcode File

Value Domain

Source	See: *www.auspost.com.au/postcodes*[2]

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T₀₁₀	Australian Postcode	Essential		Single

---

[2] http://www.auspost.com.au/postcodes

3.36 Australian Delivery Point Identifier

Identification

Name	Australian Delivery Point Identifier
Metadata Type	Data Element
Identifier	DE-10211
OID	1.2.36.1.2001.1001.101.103.10211
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	A unique number assigned to a postal delivery point as recorded on the Australia Post Postal Address File.
Definition Source	Standards Australia
Synonymous Names	
Notes	Australia Post maintains a Postal Address File 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). This file is made commercially available through the AMAS program and is updated quarterly.
Data Type	UniqueIdentifier

Usage

Examples	1. 87654321

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	AUSTRALIAN ADDRESS	Optional		Single

3.37 Address Purpose

Identification

Name	Address Purpose
Metadata Type	Data Element
Identifier	DE-10264
OID	1.2.36.1.2001.1001.101.103.10264
External Identifier	AS 5017 (2006) - Healthcare Client Identification; AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The purpose for which the address is being used by the entity.
Definition Source	Standards Australia
Synonymous Names	
Data Type	CodedText
Value Domain	Address Purpose Values

Usage

Examples	

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
	ADDRESS	Essential		Single

3.38 Address Purpose Values

Identification

Name	Address Purpose Values
Metadata Type	Value Domain
Identifier	VD-10265
OID	1.2.36.1.2001.1001.101.104.10265
External Identifier	AS 4846 (2006) - Healthcare Provider Identification

Definition

Definition	The set of values for the purpose for which the address is being used by the entity.
Definition Source	Standards Australia

Value Domain

Source	AS4846 Address Purpose Values
Permissible Values	1, B Business
	2, M Mailing or Postal
	3, T Temporary Accommodation
	4, R Residential (permanent)
	9, U Not Stated/Unknown/Inadequately Described

Relationships

Parents

Data Type	Name	Obligation	Condition	Occurrence
T010	Address Purpose	Essential		Single

4 UML Diagram

The following figure presents the data hierarchy using a UML 2.0 class diagram. The diagram displays data groups and data elements, together with their names, data types and multiplicities. Data groups are displayed as classes and data elements are displayed as attributes. The diagram shows the data hierarchy excluding the details of participation. The default multiplicity is 1..1. The reuse name of archetypes is represented by naming the association between the classes.

Diagrams not yet available

These diagrams are still being constructed. They will be available in a later draft of this document.

Reference List

[AIHW2009]   Australian Institute of Health and Welfare, November 2009, *AIHW's Metadata Online Registry*, accessed 3 November 2009.
http://meteor.aihw.gov.au/

[HL7RIM]   Health Level Seven, Inc., January 2010, *HL7 Version 3 Standard – Reference Information Model*, accessed 15 March 2010.
http://www.hl7.org/v3ballot/html/infrastructure/rim/rim.htm

[ISO2004a]   International Organization for Standardization, 18 March 2008, *ISO 8601:2004 - Data elements and interchange formats - Information interchange - Representation of dates and times*, Edition 3 (Monolingual), accessed 09 November 2009.
http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=40874

[ISO2008a]   International Organization for Standardization, *ISO 21090:2008 – Health Informatics – Harmonized data types for information interchange*, Edition 1 (Monolingual), accessed 09 November 2009.
http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=35646

[NEHT2005a]   National E-Health Transition Authority, 25 May 2005, *NEHTA Acronyms, Abbreviations & Glossary of Terms*, Version 1.2, accessed 09 November 2009.
http://www.nehta.gov.au/component/docman/doc_download/8-clinical-information-glossary-v12

[NEHT2007a]   National E-Health Transition Authority, 3 September 2007, *Detailed Business Requirements Unique Healthcare Identifier*, Version 2.0.
http://www.nehta.gov.au/e-health-id

[NEHT2007b]   National E-Health Transition Authority, 24 September 2007, *Interoperability Framework*, Version 2.0.
http://www.nehta.gov.au/connecting-australia/ehealth-interoperability

[NEHT2007c]   National E-Health Transition Authority, 26 March 2007, *Interoperability Maturity Model*, Version 1.0, accessed 5 November 2009.
http://www.nehta.gov.au/component/docman/doc_download/220-interoperability-maturity-model-v10

[NEHT2010d]   National E-Health Transition Authority, September 2010, *Data Specifications and Structured Document Templates - Guide for Use*, Version 1.1, accessed 13 September 2010.
http://www.nehta.gov.au/component/docman/doc_download/1120-data-specifications-and-structured-document-templates-guide-for-use-v11

[RFC2119]   Network Working Group, 1997, *RFC2119 - Key words for use in RFCs to Indicate Requirement Levels*, accessed 13 April 2010.
http://www.faqs.org/rfcs/rfc2119.html

[SA2006a]   Standards Australia, 2006, *AS 4846 (2006) – Healthcare Provider Identification*, accessed 12 November 2009.
http://infostore.saiglobal.com/store/Details.aspx?ProductID=318554

[SA2006b]   Standards Australia, 2006, *AS 5017 (2006) – Healthcare Client Identification*, accessed 12 November 2009.
http://infostore.saiglobal.com/store/Details.aspx?ProductID=320426

Appendix A. Known Issues

This appendix lists known issues with this specification at the time of publishing. NEHTA is working on solutions to these issues, but we encourage and invite comments to further assist the development of these solutions.

Reference	Description
Date Accuracy Indicators	The DateTime data type allows a time to be supplied. The date accuracy indicators do not cover the accuracy of supplied times. Implementers are advised to assume that a supplied time is accurate.
EMPLOYMENT DETAIL	This data group is not required for identification purposes, it is related to information exchange and could be modelled separately from the Participation specification.
ENTITLEMENT	As modelled, the ENTITLEMENT data group meets the current requirements of this specification and of those that depend on it. However, it does cover a wide range of concepts that may be semantically different; e.g. the entitlement to collect benefits under a specified scheme and the authority to practice in a certain clinical capacity.

Additionally, entitlements are modelled against the PARTICIPANT and this may not be appropriate for organisations. If they are appropriate, they may be semantically different from those for individuals or have different requirements. |
Indigenous Status	This data element has been included in the DEMOGRAPHIC DATA data group. There is an argument that it may be more appropriate modelling it into the ENTITLEMENT data group.
Other participants	This specification does not cover other kinds of entities, e.g. substances, or non-human living entities such as animals or bacteria.
Source of Death Notification	This data element is not required for identification purposes, it is related to information exchange and could be modelled separately from the Participation specification.
Standards Australia Sign-off	This specification is being presented to and balloted through Standards Australia as NEHTA is proposing a divergence from aspects of [SA2006b] and [SA2006a] to align with [HL7RIM] and [ISO2008a].
Address Components	There are Notes and Conditions of Use for some of the address components based on AS 5017 and AS 4846 which need adding to the relevant sections.
External Identifiers	• There are some External Identifiers missing.

• Some External Identifiers are not specific enough i.e. point only to a specification rather than a particular data element. |
| Notes and Conditions of Use | Some of the Notes should be Conditions of Use and some of the Conditions of Use should be Notes. |
| Sources | • All the sources of definitions etc need checking.

• Need to standardise how sources are referred to. |
| Participation Type | Participation Type and its relationship to HL7 concepts needs clarifying. |
| Permissible Values Formatting | Some of the lists of permissible values have a formatting issue where a code is pushed down to the next line. This is a tooling issue. |

Reference	Description
Occupation	• Should have some notes about its use as Healthcare Provider Field of Practice. • Examples should include some non-medical occupations.
Position In Organisation	Need an explanation of the difference between Position In Organisation and Occupation
Sex	• Clarification on the difference between "null flavours" and "9 - Not Stated/Inadequately Described" is needed. • Confirmation of alignment with HI value set is also needed.
Birth Plurality	Confirmation of alignment with HI value set is needed.
Date of Birth is Calculated From Age	If the value of this data element is "true", this affects the "accuracy" of the date of birth. As such, this data element should be considered as part of the "Date of Birth Accuracy" data structure. However, the current structure is a cluster that is re-used by both Date of Birth and Date of Death, so we cannot do so easily. Perhaps we could look at adding a "Derived" data element to that structure which may be of some more general use elsewhere.
ADDRESS	The occurrence of the Address data group under Participant is specified as multiple where it should be bounded at two. This is a tooling issue.
	In many scenarios particularly family histories a person's age at death will be known while their date of death is not. When these scenarios are modelled more fully we may need to add age of death to this model.
	Standard text should be added to fill the empty space in the Examples field when none are provided. This is a tooling issue.
	Some links to specific sections within the document are not very precise. This is a tooling issue.
Role Note	The example provided about interns may be misleading and requires review.
No Fixed Address Indicator	This Data Element is redundant in cases where an address values are provided. It has been suggested we should consider modelling this out in these situations.
	Data Elements like Participation Type, Role, Location of Participation Type, Relationship to Subject of Care, Employment Type, and Entitlement Type would ideally use SNOMED CT administrative content and associated reference sets.
Relationship to Subject of Care	The name of this Data Element and/or its definition should be changed to elevate the stated requirement in its Condition of Use that "This **SHALL** only be used to identify social relationships such as relatives or friends and **SHALL NOT** be used to identify healthcare relationships…"

Index