



Participation Specialisations

Data Specification

Version 1.0 - 20091130

Draft for Comment

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The National Clinical Terminology and Information Service

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Related documents

Name	Version/Release/Date
<i>HL7 Clinical Document Architecture (CDA)</i> ¹ A document mark-up standard that specifies the structure and semantics of "clinical documents" containing clinical observations and services for the purpose of exchange.	Release 2.0
<i>NEHTA Acronyms, Abbreviations & Glossary of Terms</i> ² A listing of relevant acronyms and abbreviations, and a glossary of terms.	Version No.: 1.2, Issued: 25 May 2005
<i>NEHTA Data Specification and Structured Document Template Guide for Use</i> ³ This guide describes the generic data structures, data types, keywords and icons used within this Data Specification.	Version No.: 1.0, Issued: 7 August 2009
<i>NEHTA Participation Data Specification</i> ⁴ Specification of the generic Participation data group.	Version No.: 2.0, Issued 30 November 2009

1 http://www.hl7.org/v3ballot2008may/html/infrastructure/cda/cda.htm#CDA_Overview

2 http://www.nehta.gov.au/component/docman/doc_download/8-clinical-information-glossary-v12

3 http://www.nehta.gov.au/component/docman/doc_download/771-data-specifications-and-sdt-guide-for-use-20090807

4 <http://www.nehta.gov.au/connecting-australia/clinical-terminologies/clinical-information-mi>

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1 Introduction

1.1 Purpose and Scope

The Participation Specialisations data specification forms part of a suite of data specifications that the National E-Health Transition Authority (NEHTA) is developing for the Australian health informatics community. The suite comprises specifications for a range of health topics (represented as “data groups”). These data groups are generally agreed to be of high priority to standardise in order to achieve the benefits of (semantic) interoperability in the Australian health care setting. For information on the subject of (semantic) interoperability refer to Appendix B in the NEHTA *Interoperability Maturity Model* [NEHT2007a].

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

This document extends the NEHTA *Participation Data Specification* [NEHT2009b] by detailing a number of common usage patterns of the PARTICIPATION data group. These patterns are context specific and have been developed to allow restriction of participation instantiation at design time in support of the implementation of NEHTA SDTs.

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 Background

There are several e-health priority areas to be addressed by NEHTA specifications. One area of priority is identification of the data to be communicated along with its structure and meaning. NEHTA is addressing this through data specifications which detail the data elements per clinical concept (e.g. Prescribed Item) or administrative concept (e.g. Document Author) and their associated value domains.

Based on priorities identified by jurisdictions and clinicians, data specifications have been developed:

- to define collections of related information, i.e. event summaries and data groups;
- to identify and define required data elements including constraints that apply to the context of use;
- to allow for expansion and extension as electronic systems mature;
- so they are 'human readable' (with information enhanced by the use of hierarchical structures);
- to incorporate clinical examples of use to enhance utility and adoption; and
- to provide a structure for clinical terminologies to be used, and may or may not include specific terminology reference sets.

1.4 Definition of Participation Specialisations

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 (RIM) [HL72009a] specification as

“An association between an Act and a Role. The Entity playing the Role is the actor”.

The associated HL7 class

“expresses the context for an Act in terms of who performed it, for whom it was done, where it was done etc”.

The NEHTA Interoperability Framework v2.0 [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 process.... With respect to a given action, an entity can be related to the action ... as an actor”.

NEHTA data specifications and SDTs specify the use of the PARTICIPATION data group, and the creation of a clinical document requires instantiation of one or more of the following instances of a participation specialisation.

In this document, an “actor” is represented by the PARTICIPANT data group and an “action” is something that occurs within the bounds of a healthcare event and is defined by a role represented by the Participation Type data element. Participation, then, is defined as a participant acting in a role - i.e. performing the action⁵ defined by that role - at some time during or in relation to a healthcare event.

In the National Clinical Terminology and Information Service (NCTIS) specification documents, a specialisation is generally an extension to an existing data group to satisfy a limited set of use cases. Usage constraints are specified for the data groups used within SDTs. This differs from the HL7 usage where a specialisation is a refinement that constrains an existing data group.

In healthcare events the participant is either:

- An organisation involved in the process of provision of healthcare, but not necessarily a healthcare provider; or
- a person who is either a healthcare provider, a non healthcare provider [e.g. subject of care/patient], or a person related to the non healthcare provider [e.g. carer, spouse].

This document extends the Participation Data Specification by specifying context specific specialisations and variants of the Participation Data Group that have been identified as common patterns.

The various participation specialisations that follow allow design-time choices of the participation instantiations to be bound to specific use cases, i.e. when the clinical document is populated by an authoring system only certain data elements may be used within the context of particular participations. A generic participation means that at run-time a choice is made between the specific

⁵ Note that “actions” as defined in this document include 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.

variants of a participant (e.g. organisation, healthcare provider person, non healthcare provider person, non healthcare provider person with demographics, plus the "located" variants).

1.5 Using this Document

Each of the following sections contains a data hierarchy that provides a logical representation of the data structure of the PARTICIPATION information components. The data hierarchies are constrained views of the PARTICIPATION data hierarchy, with extensions and with constrained obligations. The data hierarchy is not intended to represent how the data contents are visually displayed in an authoring application or a clinical desktop environment.

In navigating the PARTICIPATION data hierarchy, there are "Choice" data types that represent a selection decision depending on the different types of participation within the healthcare context, e.g. PERSON or ORGANISATION. The PERSON data group is the structure that holds the details of the PERSON; similarly for ORGANISATION. This choice provides a means of identifying all the relevant data components for a particular instance of the participation, e.g. PERSON. This choice also ensures exclusion of the data components of the other instances of the participation, e.g. ORGANISATION.

Definition of the table layout used is contained in the NEHTA *Data Specification and Structured Document Templates Guide for Use* [NEHT2009a].

When not specified in this document, the full specification of the details of each section, data group and data element within each data hierarchy is detailed in [NEHT2009b]. To reduce the size of the data hierarchies, data groups that are not changed from the Participation data specification are denoted by the name followed by an ellipsis, e.g. "ADDRESS..." which indicates that the full hierarchy is detailed in [NEHT2009b].

Within this document, information components in upper case are sections and data groups, while information components in lower case are individual data elements.

1.6 Terminology

While NEHTA's delivery of a national standard clinical terminology is based on the Systematised Nomenclature of Medicine - Clinical Terms® (SNOMED CT®)⁶ as the foundational resource, local variations and customisation of terms relevant to the Australian healthcare sector will be incorporated.

NEHTA, through the National Clinical Terminology and Information Service (NCTIS), is defining a national approach to clinical terminology. Consistent and accurate articulation and interpretation of clinical terms is critical to the process of safe information exchange.

SNOMED CT has been recommended by NEHTA and endorsed by the Australian Federal, state and territory governments as the preferred clinical terminology for Australia. It is available for e-health software developers to use in their Australian products under International Health Terminology Standards Development Organisation (IHTSDO) licensing arrangements.

SNOMED CT Australian Release (SNOMED CT-AU) contains the Australian extension to SNOMED CT - the integrated national release of SNOMED CT for implementation in Australian deployed clinical IT systems.

NEHTA also releases the Australian Medicines Terminology (AMT) as the designated clinical terminology for medicines available in Australia. The AMT will

⁶ SNOMED CT® is a registered trademark of the International Health Terminology Standards Development Organisation.

provide a consistent approach to the identification and naming of medicines to support medicines management and related activity across the Australian healthcare domain. A business case examining AMT integration with SNOMED CT-AU will be complete in the near future.

For further information regarding terminology and the development of reference sets please visit <http://www.nehta.gov.au/connecting-australia/clinical-terminologies> and direct your questions or feedback to terminologies@nehta.gov.au.










1.7 Questions and Feedback

This release is intended to inform and seek feedback. NEHTA values your questions, comments and suggestions about this document. Please direct your questions or feedback to clinicalinfo@nehta.gov.au.

2 PARTICIPATION BY HEALTHCARE PROVIDER (PERSON)

PARTICIPATION BY HEALTHCARE PROVIDER (PERSON) is used where the participant is a person who is participating in the role of a healthcare provider, e.g. document author, health professional at discharge, medication item authoriser, nominated primary healthcare provider or prescriber.

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 subject of care (patient) wellbeing.

	PARTICIPATION		
	T/T ₀₁₀	Participation Type	!
	T/T ₀₁₀	Healthcare Role	o
		Participation Period	o
		PARTICIPANT	
		ID Entity Identifier	o ↻
		 ADDRESS...	o ↻
		 ELECTRONIC COMMUNICATION DETAIL...	o ↻
		 PERSON	!
		 PERSON NAME...	! ↻
		 HEALTHCARE PROVIDER DETAIL...	!
		 ENTITLEMENT...	o ↻

The following figure is a UML 2.0 class diagram that represents the data elements with their names, data types, multiplicities and groupings into data groups. Data elements are modelled as attributes and data groups as classes.

A data specification is constructed from data groups.

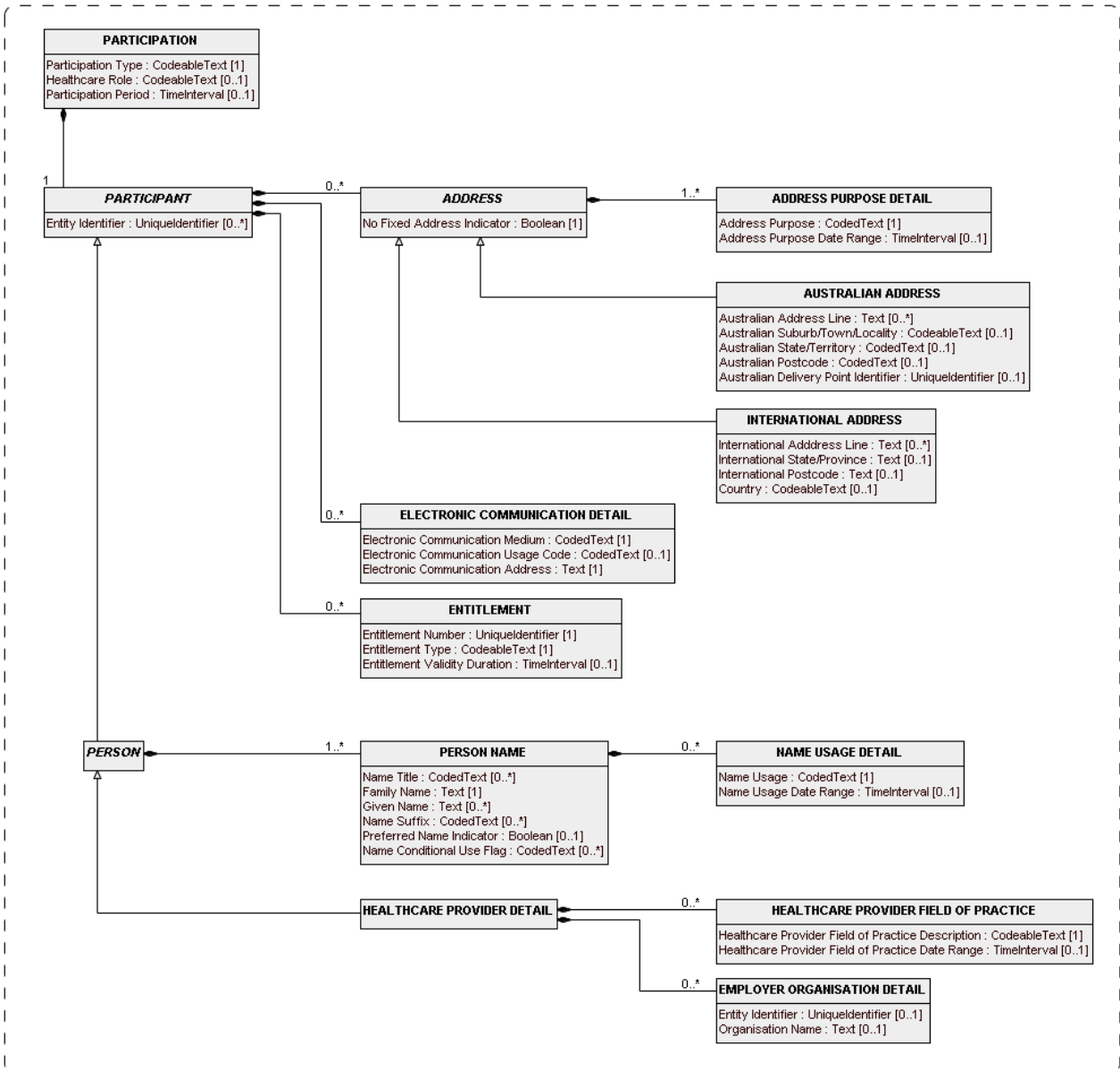











Figure 1 PARTICIPATION BY HEALTHCARE PROVIDER (PERSON) UML Model

3 PARTICIPATION BY NON-HEALTHCARE PROVIDER (PERSON)

PARTICIPATION BY NON-HEALTHCARE PROVIDER (PERSON) is used where the participant is a person who is not participating in the role of a healthcare provider, e.g. carer, document recipient related to the subject of care (patient), recipient of a recommendation.

This specialisation details additional information about a person who uses or is a potential user of a healthcare service or an individual who is a relative of, or represents, the subject of care. The role of these persons is neither a healthcare provider nor a subject of care.

	PARTICIPATION		
	T/T ₀₁₀	Participation Type	!
	T/T ₀₁₀	Healthcare Role	o
		Participation Period	o
		PARTICIPANT	!
		ID Entity Identifier	o ↻
		 ADDRESS...	o ↻
		 ELECTRONIC COMMUNICATION DETAIL...	o ↻
		 PERSON	!
		 PERSON NAME...	! ↻
		 NON HEALTHCARE PROVIDER DETAIL ...	!
		 ENTITLEMENT...	o ↻

The following figure is a UML 2.0 class diagram that represents the data elements with their names, data types, multiplicities and groupings into data groups. Data elements are modelled as attributes and data groups as classes.

A data specification is constructed from data groups.

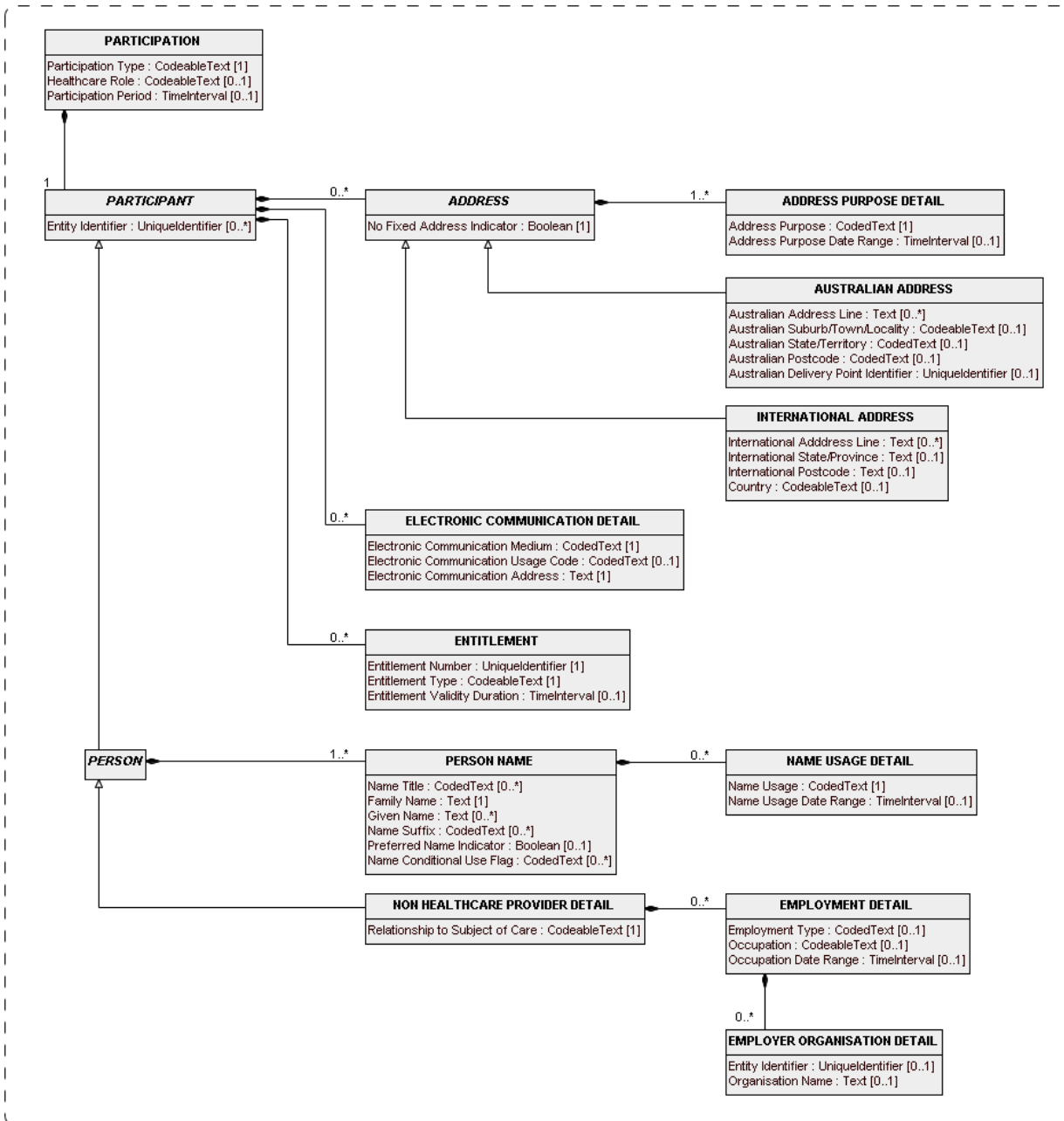


Figure 2: PARTICIPATION BY NON-HEALTHCARE PROVIDER (PERSON) UML Model














4 PARTICIPATION BY NON-HEALTHCARE PROVIDER (PERSON) WITH DEMOGRAPHICS

PARTICIPATION BY NON-HEALTHCARE PROVIDER (PERSON) WITH DEMOGRAPHICS is used where the participant is a person who is:

- participating in the role of a receiver or potential user of a healthcare service,
- is not participating in a role that is a healthcare provider, and
- where additional information including demographics of a person is required.


This data group is most often used for a subject of care (patient), and may also be used in other circumstances, e.g. to identify relatives of a subject of care (patient) when documenting family history.

This specialisation details additional information about a person who uses or is a potential user of a healthcare service, and also includes individuals who are relatives of or represent the subject of care. All of these persons are in a role that is not a healthcare provider.

	PARTICIPATION		
	T/T ₀₁₀	Participation Type	!
	T/T ₀₁₀	Healthcare Role	o
		Participation Period	o
	PARTICIPANT		!
	ID	Entity Identifier	o ↻
		ADDRESS...	o ↻
		ELECTRONIC COMMUNICATION DETAIL...	o ↻
		PERSON	!
		PERSON NAME...	! ↻
		NON HEALTHCARE PROVIDER DETAIL WITH DEMOGRAPHIC DETAIL	!
	T/T ₀₁₀	Relationship to Subject of Care	!
		EMPLOYMENT DETAIL...	o ↻
		DEMOGRAPHIC DATA	!
	T ₀₁₀	Sex	o
		Date of Birth	o
		Date of Death	o
	T ₀₁₀	Source of Death Notification	o
	T	Mothers Original Family Name	o
	T/T ₀₁₀	Country of Birth	o
	T	Identification Notes	o
		ENTITLEMENT...	o ↻

4.1 NON HEALTHCARE PROVIDER DETAIL WITH DEMOGRAPHIC DETAIL

Identification

 Name	NON HEALTHCARE PROVIDER DETAIL WITH DEMOGRAPHIC DETAIL
Metadata Type	Data Group
Identifier	DG-16045
Version	1.0


Definition

Definition	Information including demographics of an individual who uses or is a potential user of a healthcare service, and is in a role that is not a healthcare provider.
Source	[AS2006b] , [AS2006a]
Synonymous Names	
Notes	Used where the participant is a subject of care (patient). Use of this data group appears in NEHTA specifications as: <ul style="list-style-type: none"> • Document Recipient • Patient • Recipient of Proposed Service • Recipient of Recommendation • Subject of Care • Supplementary Information Recipient


Relationships

Children

See NON HEALTHCARE PROVIDER DETAIL data group within [\[NEHT2009b\]](#).

Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Essential		Single

Parent

Type	Name	Obligation	Condition	Occurrence
	PERSON	Essential		Single

4.2 DEMOGRAPHIC DATA

Identification



Name	Demographic Data
Metadata Type	Data Group
Identifier	To be allocated.
Version	1.0

Definition


Definition	Represents other characteristics of a Non Healthcare Provider (person) that may be useful for identification or other clinical purposes.
Source	NEHTA
Synonymous Names	Additional Demographic Data Demographic Details Personal Details
Notes	<p>This data group may contain other required demographic details not related to the person name or address. The requirement to supply each of these items will vary within participant instances.</p> <p>Data elements in this group have been sourced from and aligned with [AS2006a] and [AS2006b]. However, the group only includes those elements currently in use within NEHTA data specifications and therefore do not include birth order or birth plurality.</p>

Relationships

Children

Type	Name	Obligation	Condition	Occurrence
T ₀₁₀	Sex	Optional		Single
	Date of Birth	Optional		Single
	Date of Death	Optional		Single
T ₀₁₀	Source of Death Notification	Optional		Single
T	Mothers Original Family Name	Optional		Single
T/T ₀₁₀	Country of Birth	Optional		Single
T	Identification Notes	Optional		Single

Parent

Type	Name	Obligation	Condition	Occurrence
	NON HEALTHCARE PROVIDER DETAIL WITH DEMOGRAPHIC DETAIL	Essential		Single

4.3 Sex

Identification

T₀₁₀

Name	Sex
Metadata Type	Data Element
Identifier	DE-20107

Definition


Definition	Sex is a biological distinction between male and female. Where there is inconsistency between anatomical and chromosomal characteristics, sex is based on anatomical characteristics.
Source	[AS2006b]
Synonymous Names	Gender
Notes	See [AS2006b] for use of this data element for intersex participants.
Datatype	CodedText
Value Domains	Person–sex (METeOR id: 287316)

Usage

Values	Code	Description
	1	Male
	2	Female
	3	Intersex or indeterminate
	9	Not stated / inadequately described

Relationships

Parent

Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

4.4 Date of Birth

Identification



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

Definition

Definition	The date of birth of the person.
Source	[AS2006b]
Notes	Where the Date of Birth is not known an estimated date is permitted.
Datatype	DateTime

Usage

Examples	See: [NEHT2009a]
-----------------	----------------------------------


Relationships

Parent

Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

4.5 Date of Death

Identification

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

Definition


Definition	The date of death of the person.
Source	[AS2006b]
Notes	Where the participant is known to be deceased and an accurate Date of Death is not known an estimated date is permitted.
Datatype	DateTime

Usage

Examples	See: [NEHT2009a]
-----------------	----------------------------------

Relationships

Parent

Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

4.6 Source of Death Notification

Identification

T₀₁₀

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

Definition


Definition	Describes the source of death information relating to the date of death.
Source	[AS2006b]
Notes	
Datatype	CodedText
Value Domain	[AS2006b] Source of Death Notification Data Domain

Usage

Values	Code	Description
	1	Official death certificate or death register
	2	Healthcare provider
	3	Relative
	4	Other
	5	Unknown

Relationships

Parent

Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

4.7 Mothers Original Family Name

Identification

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

Definition


Definition	The original family name of the person's mother.
Source	[AS2006b]
Notes	May be used to help confirm the identity of the person.
Datatype	Text

Usage

Example	1. Jones
----------------	----------

Relationships

Parent

Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

4.8 Country of Birth

Identification

T/T ₀₁₀	Name	Country of Birth
	Metadata Type	Data Element
	Identifier	DE-21139

Definition


Definition	The country in which the person was born.
Source	[AS2006b]
Notes	
Datatype	CodeableText
Value Domain	Australia Bureau of Statistics, Standard Australian Classification of Countries (SACC) Cat. No. 1269

Usage

Example	<ol style="list-style-type: none"> 1. 8104 United States of America 2. 2102 England
----------------	---

Relationships

Parent

Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

4.9 Identification Notes

Identification

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

Definition


Definition	Notes which may be used to assist in distinguishing between two or more persons with the same or similar demographic information.
Source	[AS2006b]
Notes	Should only be used for the stated purpose, and should not contain comments about a person's character.
Datatype	Text

Usage

Example	<ol style="list-style-type: none"> 1. Double check spelling of family name 2. Confirm date of birth
----------------	---

Relationships








Parent

Type	Name	Obligation	Condition	Occurrence
	DEMOGRAPHIC DATA	Optional		Single

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5 PARTICIPATION BY ORGANISATION

PARTICIPATION BY ORGANISATION is used where the participant is a non-person entity of interest to, or involved in, the business of healthcare event provision.

	PARTICIPATION		
	T/T ₀₁₀	Participation Type	!
	T/T ₀₁₀	Healthcare Role	o
		Participation Period	o
	PARTICIPANT		!
	ID	Entity Identifier	o ↻
		ADDRESS...	o ↻
		ELECTRONIC COMMUNICATION DETAIL...	o ↻
		ORGANISATION...	!
		ENTITLEMENT...	o ↻

The following figure is a UML 2.0 class diagram that represents the data elements with their names, data types, multiplicities and groupings into data groups. Data elements are modelled as attributes and data groups as classes.

A data specification is constructed from data groups.

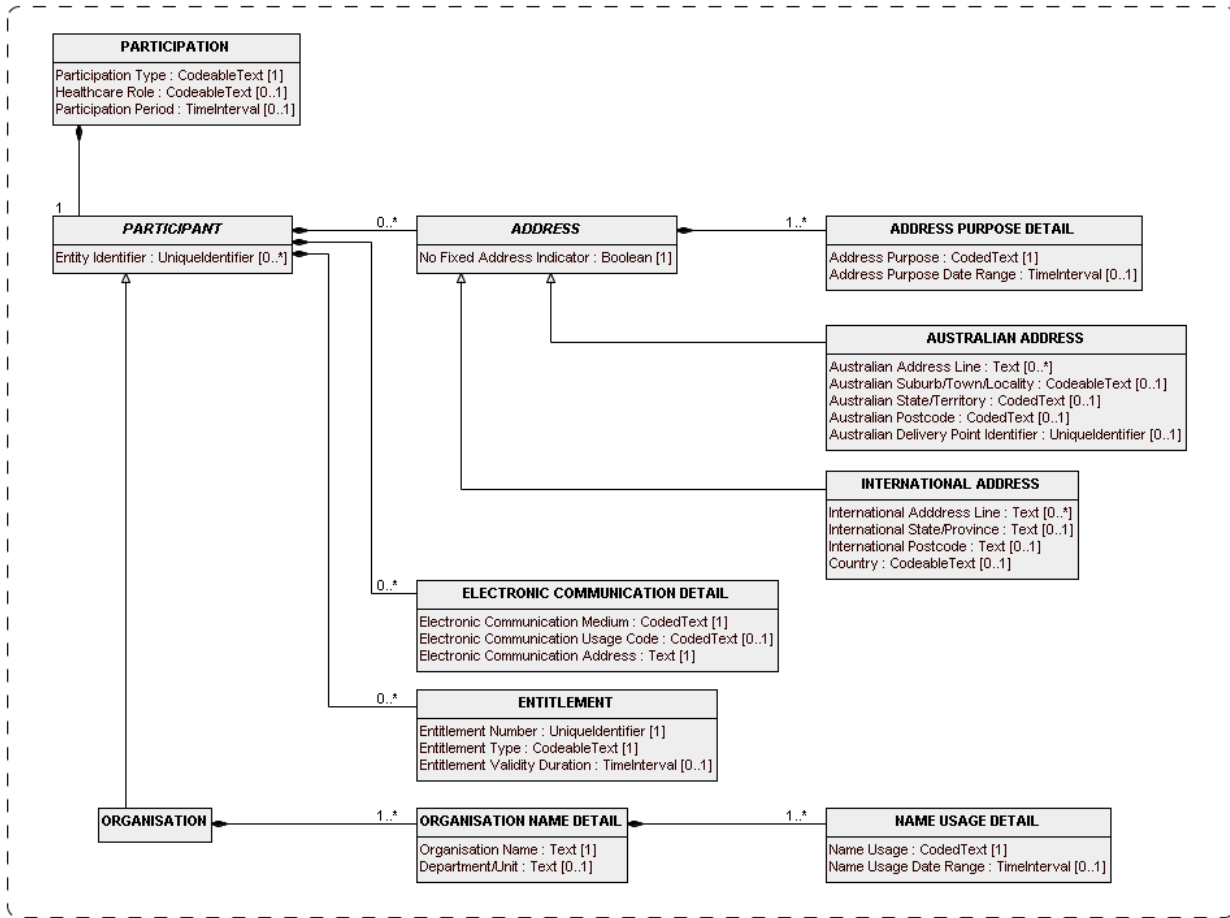













Figure 4: PARTICIPATION BY ORGANISATION UML Model

6 LOCATED PARTICIPATION BY HEALTHCARE PROVIDER (PERSON)

LOCATED PARTICIPATION BY HEALTHCARE PROVIDER (PERSON) is used where the location of the person participating in the event is different to the location of the participation of the encompassing healthcare event.

For example, a specialist provides a remote teleconsultation to a subject of care (patient) sitting in a GP's consulting room. In this example, the location of the participation of the encompassing healthcare event is the location of the subject of care (patient) i.e. the GP's consulting room and the specialist's participation, which is a use of the participation with location specialisation, is the specialist's consultation room elsewhere.

	PARTICIPATION		
	T/T ₀₁₀	Participation Type	!
	T/T ₀₁₀	Healthcare Role	o
		Participation Period	o
	LOCATION OF PARTICIPATION		!
	T/T ₀₁₀	Location of Participation Type	!
		LOCATION OF PARTICIPATION ADDRESS...	o
	PARTICIPANT		!
	ID	Entity Identifier	o ↻
		ADDRESS...	o ↻
		ELECTRONIC COMMUNICATION DETAIL...	o ↻
		PERSON	!
		PERSON NAME...	! ↻
		HEALTHCARE PROVIDER DETAIL...	!
		ENTITLEMENT...	o ↻

The following figure is a UML 2.0 class diagram that represents the data elements with their names, data types, multiplicities and groupings into data groups. Data elements are modelled as attributes and data groups as classes.

A data specification is constructed from data groups.

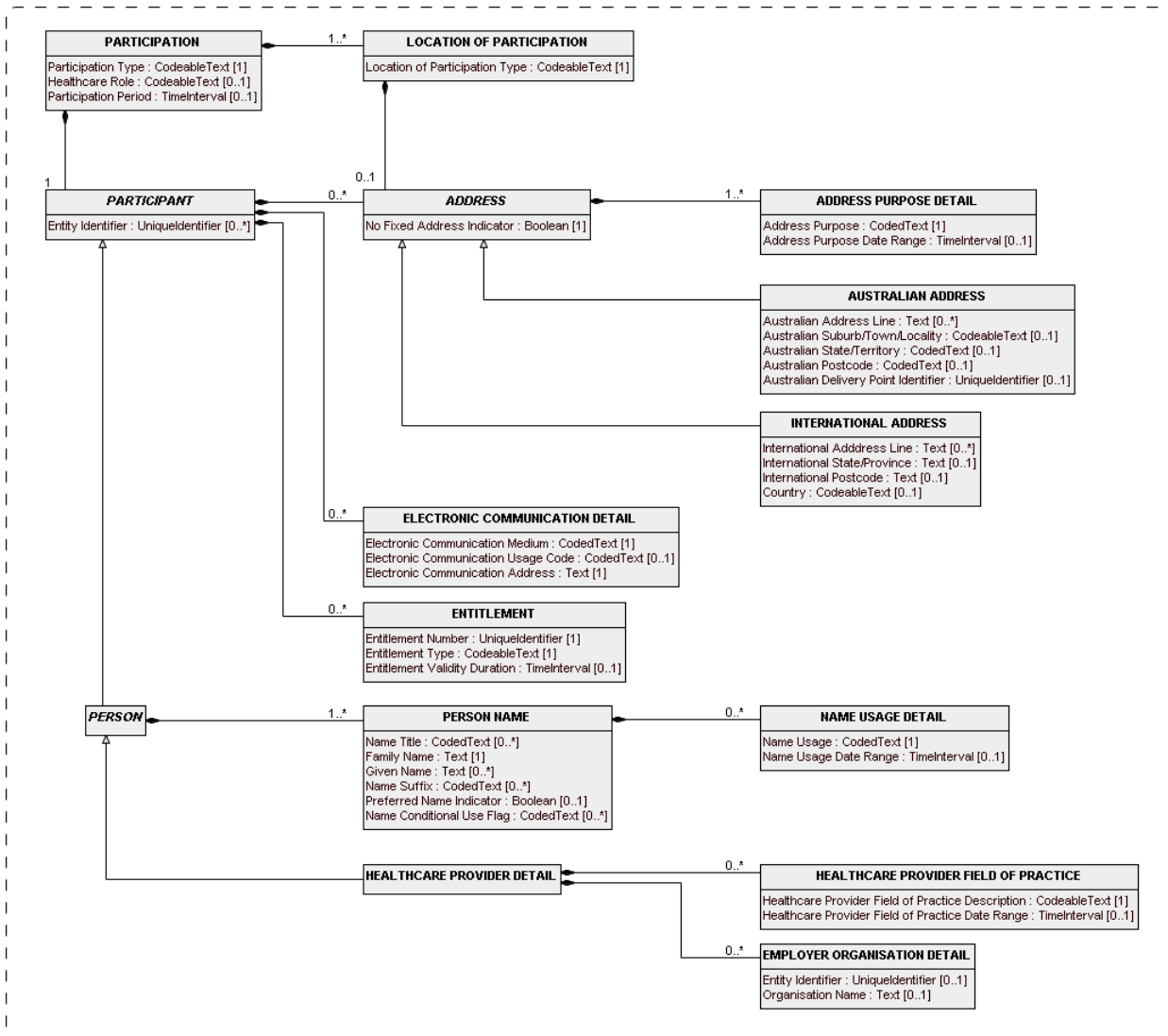



Figure 5: LOCATED PARTICIPATION BY HEALTHCARE PROVIDER (PERSON) UML Model

6.1 LOCATED PARTICIPATION

Identification

 Name	LOCATED PARTICIPATION
Metadata Type	Data Group
Identifier	DG-10296
Version	2.0


Definition

Definition	An association between an Act and an entity (person or organisation) in a Healthcare Role in particular where the location of the participation is different to that of the encompassing healthcare event.
Source	[HL72009a]
Notes	This specialisation extends the generic PARTICIPATION data group defined in [NEHT2009b] .

Relationships


Children

See PARTICIPATION data group within [\[NEHT2009b\]](#).

Type	Name	Obligation	Condition	Occurrence
	LOCATION OF PARTICIPATION	Essential		Multiple

6.2 LOCATION OF PARTICIPATION

Identification



 Name	LOCATION OF PARTICIPATION
Metadata Type	Data Group
Identifier	DG-10343
Version	2.0

Definition


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

Relationships

Children

Type	Name	Obligation	Condition	Occurrence
 T/T ₀₁₀	Location of Participation Type	Essential		Single
	LOCATION OF PARTICIPATION ADDRESS	Optional		Single

Parent

Type	Name	Obligation	Condition	Occurrence
	LOCATED PARTICIPATION	Essential		Multiple

6.3 Location of Participation Type

Identification

T/T ₀₁₀	Name	Location of Participation Type
	Metadata Type	Data Element
	Identifier	DE-10344

Definition


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

Usage

Example	<ol style="list-style-type: none"> 1. Subject of Care (Patient) residence 2. Site of accident (e.g. in event of natural disaster, ambulance calls) 3. Health care facility responsible for treating patient 4. Remote teleconsultation setting
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Relationships

Parent

Type	Name	Obligation	Condition	Occurrence
	LOCATION OF PARTICIPATION	Essential		Multiple

6.4 LOCATION OF PARTICIPATION ADDRESS

Identification

 Name	LOCATION OF PARTICIPATION ADDRESS
Metadata Type	Data Group
Identifier	DG-20106
Version	2.0

Definitions

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

Usage


Conditions of Use	This is a reuse of the Address data group. On this reuse, no additional constraints apply.
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Relationships

Children

See ADDRESS data group within [\[NEHT2009b\]](#).

Parent

Type	Name	Obligation	Condition	Occurrence
	LOCATION OF PARTICIPATION	Essential		Single

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