

# What is the NSW Health HACCC MDS v2?

## *What is the NSW Health HACCC MDS v2?*

### The NSW Health HACCC MDS v2:

- is a standardised and nationally-consistent data collection about the characteristics of and the HACCC-funded services provided to HACCC-eligible clients and/or their carers; and
- facilitates consistency and comparability between HACCC and other aged, community care and health data collections.

The New South Wales Health HACCC MDSv2 data collection incorporates the mandatory HACCC MDSv2 specified by the Commonwealth, as well as the additional data elements specified in the DADHC HACCC MDSv2 which are mandatory for collection within NSW.

The NSW Health HACCC MDSv2 aims to collect standardised and nationally consistent data about the characteristics of HACCC clients and the details of the service they receive, and will facilitate consistency and comparability between HACCC and other similar data collections.

## *What is the NSW Health HACC MDS v2?*

### The NSW Health HACC MDSv2:

- includes HACC National MDS v2 data elements;
- includes NSW (DADHC) HACC MDS v2 data elements; and
- is integrated with other relevant NSW Health data collections.

The NSW Health HACC MDS v2 is based on the NSW (DADHC) HACC MDS v2 and the National HACC MDS v2 data elements with some data elements/domains being enhanced to be more relevant and useful for Health services. When NSW Health HACC MDSv2 data is received at the Department each month, this data will be mapped to DADHC HACC MDSv2 format prior to submission to DADHC.

The NSW Health HACC MDS v2 data elements and data domains have been standardised to be consistent with the following NSW Health and National Health data collections:

#### **NSW Health Community Health and Outpatient Care Information Project (CHOCIP) Minimum Data Set**

- streamline and minimise data collection and data entry
- integration/standardising community health data collections (PCOC Project)
- unit record community health data (reported at Service Event level)
- replacing DoHRS (OOS) collection
- pilots planned for GSAHS and GWAHS during 2008/09 roll-out planned for 2009/10.

#### **NSW Health Client Registration Standard**

- standard for client/patient registration across all NSW Health services.

#### **NSW Integrated Community Transport Data Set**

- inter-agency initiative between MoT, DoH and DADHC
- implement strategies to develop whole-of-Government planning and coordination of community transport services in NSW, irrespective of which agency or program funds them
- pilots planned for GWAHS, NCAHS and NSCCAHS
- roll-out planned for 2009.

#### **NSW Health Transport for Health Minimum Data Set**

- includes community transport, inter-facility transport and other non-emergency transport
- roll-out planned for 2009/10.

# Why collect the NSW Health HACCC MDS v2?

## ***Why collect the NSW Health HACCC MDS v2?***

- HACCC funding is provided for the provision of ***service outputs*** by specific service types within specific geographic regions or for specific projects.
- Collection and reporting of NSW Health HACCC MDS v2 is a condition of Commonwealth funding (approximately 60% of all HACCC funding).
- Financial penalties may be imposed for reporting non-compliance and/or for poor data quality.

HACCC MDS data is reported by AHSs, to NSW Health, then to DADHC and the Australian Government Department of Health and Ageing (DOHA).

The Commonwealth will assess data reporting for timeliness, completeness and quality. Where the Commonwealth's requirements are not met, a financial penalty may be imposed.

## ***Why collect the NSW Health HACC MDS v2?***

**HACC MDS data is also essential for:**

- **DoH, AHS and Service Managers:**
  - strategic planning, allocation of funding and service enhancements
  - performance monitoring against agreed outputs
  - facilitation of improvements in HACC-funded service delivery and community health services
  
- **HACC service providers:**
  - provision of high quality service to their clients
  - performance monitoring against agreed outputs
  - providing feedback on HACC regional planning

The new NSW Health HACC MDS v2 includes the provision of data repositories at both the AHS and NSW Health levels. The data repositories allow for the validation and storage of data, and include in-built reporting functionality to improve the use of the data by AHS and NSW Health for policy development, strategic planning, allocation of funding and service enhancements.

NSW Health HACC MDS v2 data can also be used by HACC service providers to provide high quality services to their clients by facilitating improvements in the internal management of HACC-funded service delivery.

# Summary of Changes - NSW Health HACC MDS v2

The NSW Health HACC MDS version 2, showing new and revised data elements from 1 July 2008.

SUPPORTING DATA ELEMENT CONCEPTS				
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element concept	DADHC data element concept	Data element concept modified
HACC agency (concept)	Agency (concept)		✓	
HACC client (concept)	Client (concept)		✓	✓
Carer (concept)	Carer (concept)		✓	✓
Record linkage (concept)	Record Linkage (concept)		✓	
HACC service episode (concept)	Service Episode (concept)		✓	
	Commencement of Service Episode (concept)	✓	✓	✓
HACC service event (concept)	Service Event (concept)		✓	
	Cessation of Service Episode (concept)	✓	✓	✓

ESTABLISHMENT (AGENCY) DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
Agency code	Establishment identifier (Agency code)		✓	✓		✓	
State code	State identifier (State code)						
	Establishment sector (Agency sector)	✓					
	Area Health Service code (AHS code)	✓					
Agency number	Establishment number (Agency number)						
	Establishment name (Agency name)	✓	✓				
	Establishment building/property name and component name and number	✓					
	Establishment floor/level type and number	✓					
	Establishment street name, suffix, type and number	✓					
	Establishment suburb/town/ locality name	✓					
	Establishment state abbreviation	✓					
	Establishment postcode	✓					
	Establishment location code	✓					
	Establishment transport service classification	✓					
	Establishment contact title	✓					
	Establishment contact family name/surname	✓					
	Establishment contact first given name	✓					
	Establishment contact job title	✓					
	Establishment contact telephone number	✓					
	Establishment contact mobile telephone number	✓					
	Establishment contact facsimile number	✓					
	Establishment contact e-mail address	✓					
	Establishment software	✓	✓				
	Establishment software version	✓	✓				

CLIENT DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
	Client identifier (Client code)	✓					
	Client name type flag	✓					
Family name/surname	Client family name/surname		✓				
First given name	Client first given name		✓				
Date of birth	Client date of birth		✓				
	Client date of birth status	✓	✓				
Sex	Client sex		✓				
Indigenous status	Client Aboriginal and Torres Strait Islander origin		✓		✓	✓	
Country of Birth	Client country of birth		✓		✓	✓	
	Client CALD status	✓	✓				
Main language spoken at home	Client preferred language spoken at home		✓		✓	✓	
	Client interpreter services required	✓					

SERVICE EPISODE DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
	Service Episode identifier (Episode ID)	✓					
Date of entry into HACC service episode	Date of Commencement of Service Episode		✓				
Reason for HACC client status							✓
	Letters of Name of Client Statistical Linkage Key Flag	✓					
Letters of name	Letters of Name of Client Statistical Linkage Key		✓				
	DVA card type of Client	✓	✓				
	DVA file number of Client	✓					
	Medicare number of Client	✓					
Government pension/benefit status	Government pension/benefit status of Client		✓		✓	✓	
Living arrangements	Usual living arrangements of Client		✓		✓	✓	
Accommodation setting	Usual accommodation of Client		✓		✓	✓	
	Building/property name and component name and number of usual Client residence	✓					
	Floor/level type and number of usual Client residence	✓					
	Street name, suffix, type and number of usual Client residence	✓					
Suburb/town/locality	Suburb/town/locality name of usual Client residence		✓				
Area of residence	State abbreviation of usual Client residence		✓		✓	✓	
Postcode	Postcode of usual Client residence		✓				
	Country of usual Client residence	✓					
Carer – existence of	Client – existence of Carer		✓				
Date of last assessment							✓
Date of exit from HACC service episode	Date of Cessation of Service Episode		✓				
Main reason for cessation of services	Main reason for Cessation of Service Episode		✓		✓	✓	
Accommodation setting after Cessation of services							✓

CARER DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
	Carer identifier (Carer code)	✓					
	Carer family name/surname	✓	✓				
	Carer first given name	✓	✓				
	Letters of Name of Carer Statistical Linkage Key Flag	✓					
	Letters of Name of Carer Statistical Linkage Key	✓	✓				
	Carer date of birth	✓	✓				
	Carer date of birth status	✓	✓				
	Carer sex	✓	✓				
	Carer Aboriginal and Torres Strait Islander origin	✓	✓				
	Carer country of birth	✓	✓				
	Carer CALD status	✓					
	Carer preferred language spoken at home	✓	✓				
	Carer interpreter services required	✓					
Carer residency status	Carer residency status		✓				
	Building/property name and component name and number of usual Carer residence	✓					
	Floor/level type and number of usual Carer residence	✓					
	Street name, suffix, type and number of usual Carer residence	✓					
	Suburb/town/locality name of usual Carer residence	✓	✓				
	State abbreviation of usual Carer residence	✓	✓				
	Postcode of usual Carer residence	✓	✓				
	Country of usual Carer residence	✓					
Relationship of carer to care recipient	Relationship of Carer to Client		✓			✓	
	Carer for more than one person	✓	✓				

INWARD REFERRAL DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
Source of referral	Source of referral		✓		✓	✓	
	Date of referral in	✓	✓				
	Date referral received	✓					

OUTWARD REFERRAL DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
	Target of referral	✓	✓				
	Date of referral out	✓	✓				

**KEY:**

Data elements in blue text: these data elements may be derived/populated by your information system without the need for collection by the clinician.

Data elements in brown text: these data elements require collection. Note: all Client data elements will be populated from your AHS PAS (if the Client has already been registered) and will not need to be re-collected or entered by the clinician.

Data elements in green text: these data elements are system generated/derived and are not collected by the clinician.

Data elements in red text: these HACC v1 data elements have been deleted from HACC v2.

SERVICE EVENT DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
	Service Event identifier (Event ID)	✓					
Date of receipt of assistance	Date of Service Event		✓				
Funding source category	HACC Program funding flag		✓			✓	
Primary type of assistance received	Primary type of assistance received		✓	✓	✓	✓	
	Family name/surname of attending service provider	✓					
	First given name of attending service provider	✓					
	Discipline of attending service provider	✓					
Service delivery setting	Service delivery setting		✓		✓	✓	
	Suburb/town/locality name of Service Event	✓					
	State abbreviation of Service Event	✓					
	Postcode of Service Event	✓					
	Service Event indicator	✓	✓				
	Service Event mode	✓					
	Attendance status	✓					
	Service Event start time	✓	✓				
	Service Event end time	✓	✓				
Amount of assistance received (time)	Amount of assistance received (time)		✓	✓			
Total amount of type of assistance received (time)							✓
Amount of assistance received (quantity)	Amount of assistance received (quantity)		✓	✓			
Total amount of type of assistance received (quantity)							✓
	Transport mode	✓	✓				
	Transport purpose	✓	✓				
Amount of assistance received (cost)	Amount of assistance received (cost)		✓	✓			
Total amount of type of assistance received (cost)							✓

GOODS AND EQUIPMENT DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
Assistance with goods and equipment received	Type of assistance with goods and equipment received		✓	✓	✓	✓	
Total assistance with goods and equipment received	Amount of assistance with goods and equipment received		✓	✓			

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FUNCTIONAL ASSESSMENT DATA ELEMENTS							
Data element concept (NSW Health HACC MDS v1)	Data element concept (NSW Health HACC MDS v2)	New data element	DADHC data element	Data element modified	New data domain	Data element modified	Data element deleted
	Date of Client functional assessment	✓	✓				
	Client functional status - housework	✓	✓				
	Client functional status - transport	✓	✓				
	Client functional status - shopping	✓	✓				
	Client functional status - medication	✓	✓				
	Client functional status - money	✓	✓				
	Client functional status - communication	✓	✓				
	Client functional status - dressing	✓	✓				
	Client functional status - eating	✓	✓				
	Client functional status - toileting	✓	✓				
	Client functional status - getting out of bed/moving around	✓	✓				
	Client functional status - walking	✓	✓				
	Client functional status - bathing/showering	✓	✓				
	Client functional status - memory problems/confusion	✓	✓				
	Client functional status - behavioural problems	✓	✓				
	Client functional status - transport classification	✓					

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The most significant changes between HACC MDSv1 and HACC MDSv2 are the introduction of the carer and functional assessment data elements.

**Note:**

- A data element is discrete unit of information, the values of which could be text or numeric. Examples of data elements are date of birth, sex, preferred language.
- A data domain is the unique value that may be contained within any given data element. In practice data domains are the drop down lists within your software program. For example for the data element sex, the data domain is: 1 Male, 2 Female, 9 Not stated/inadequately described.