

# 4 Compliance evaluation

## National summary

### Scope

The NMDS for Public Hospital Establishments is a set of establishment level data for public hospitals, including psychiatric hospitals, dental hospitals and other special purpose hospitals such as those for rehabilitation, palliative care and alcohol and drug treatment.

The NPHEd for 2003–04 covered all Australian public hospitals, except those not within the jurisdiction of a state or territory health authority (hospitals operated by the Australian Defence Force, correctional authorities and hospitals located in offshore territories).

The statistical units for this database are establishments, with data on each establishment being collected by the relevant state or territory health authority and provided to the AIHW on an annual basis. Information on hospital expenditures, revenues and occasions of service (non-admitted patient services) is collated to form a state-by-state picture of hospitals.

In 2003–04 the NPHEd covered 761 public acute care hospitals, including twenty public psychiatric hospitals, two public alcohol and drug establishments and one public hospice. States and territories define hospital establishments in their jurisdiction, and determine which hospitals are reported as public hospitals in the NPHEd. Included in the data for 2003–04 were two hospitals which had previously been reported as private hospitals and several privately operated hospitals that mainly provided public hospital services (Table 3.3).

Essentially states and territories reported to the NPHEd for all public hospitals in scope in 2003–04. For five small hospitals in Tasmania, basic data were supplied (name, location, available beds, some salary and staffing data) but financial and occasions of service information was not supplied. Two of these hospitals were privately operated, one was operated by local government, one by a community organisations and one was a newly 'public' hospital.

Victoria, and to a lesser extent South Australia, supply data at both campus and network level and so compliance was assessed at two levels.

Table 4.1 summarises coverage information by state and territory and by establishment type.

**Table 4.1: Coverage for hospitals in the National Public Hospital Establishments Database, 2003–04**

	Public acute hospitals	Public psychiatric, alcohol and drug hospitals
NSW	Complete	Complete
Vic	Complete	Complete
Qld	Complete	Complete
WA	Complete	Complete
SA	Complete	Complete
Tas	Complete	Complete
ACT	Complete	Not applicable
NT	Complete	Not applicable

Note: Complete – All establishments of this type reported data to the National Public Hospital Establishments Database.

Not applicable – There are no facilities of this type in this state or territory.

### Summary of selected NHDD terms relating to the use of hospital data

#### *Hospital*

*A health care facility established under Commonwealth, state or territory legislation as a hospital or a free-standing day procedure unit and authorised to provide treatment and/or care to patients.*

#### *Public hospital*

*A hospital controlled by a state or territory health authority. Public hospitals offer free diagnostic services, treatment, care and accommodation to all eligible patients.*

#### *Recurrent expenditure*

*Expenditure on goods and services which are used up during the year, for example, salaries and wages expenditure and non-salary expenditure such as drug supplies, food supplies and patient transport.*

#### *Non-admitted patient occasion of service*

*Occurs when a patient attends a functional unit of the hospital for the purpose of receiving some form of service, but is not admitted. A visit for administrative purposes is not an occasion of service.*

#### *Type of non-admitted patient care*

*A broad classification of occasions of service provided to non-admitted patients, services include emergency, dialysis, pathology, radiology and organ imaging, endoscopy, other medical/surgical/diagnostic, mental health, drug and alcohol, dental, pharmacy, allied health, community health, district nursing, and other outreach.*

## Use of national standard definition, domain values and NMDS scope

This is a national summary of information presented in more detail on the following pages. The NMDS contains 31 data elements plus four supporting data elements (a total of 35). Of the 35 data elements, two elements (*Individual/group session* and *Occasions of service*) supply definitions for other elements where the counts occur and hence were not assessed for compliance. Therefore 33 data elements were assessed for compliance.

Within the compliance review, the *Salaries and wages* data element and the *Type of non-admitted patient care* data element were assessed by individual category (nine salaries categories and 14 non-admitted patient categories). Thus compliance was assessed for a total of 54 data elements, including sub-categories of those elements.

Of these 54 data elements, the national standard definition was used for 41 (76%) by all states and territories. The national standard domain values were used for 47 (87%) elements. Data

was reported for all establishments, for all states and territories, for only seven (13%) elements.

**Table 4.2: National summary of the use of the *National health data dictionary* definition and domain values and NMDS scope**

Data element	NHDD definition used?		NHDD domain values used?		Provided for all establishments*?	
System level expenditure elements						
Capital expenditure - gross (accrual accounting)	Yes		Yes			No
Capital expenditure - net (accrual accounting)	Yes		Yes			No
Indirect health care expenditure	Yes		Yes			No
Establishment identification data elements						
Establishment identifier	Yes			No	Yes	
Establishment number	Yes			No	Yes	
Establishment sector	Yes			No		No
Region code	Yes		Yes			No
State/territory identifier	Yes		Yes			No
Establishment type		No	Yes		Yes	
Geographical location of establishment		No		No		No
Establishment level expenditure elements						
Administrative expenses		No	Yes			No
Interest payments		No	Yes			No
Depreciation	Yes		Yes			No
Patient transport	Yes		Yes			No
Repairs and maintenance	Yes		Yes			No
Superannuation employer contributions	Yes		Yes			No
Domestic services	Yes		Yes			No
Payments to visiting medical officers	Yes		Yes			No
Drug supplies	Yes		Yes			No
Food supplies	Yes		Yes			No
Medical and surgical supplies		No	Yes			No
Other recurrent expenditure		No		No		No
Salaries and wages						
Registered nurses		No	Yes			No
Enrolled nurses	Yes		Yes			No
Student nurses	Yes		Yes		Yes	
Trainee/pupil nurses	Yes		Yes		Yes.	
Salaried medical officers	Yes		Yes			No
Other personal care staff		No	Yes			No

(continued)

**Table 4.2 (continued): National summary of the use of the *National health data dictionary* definition and domain values and NMDS scope**

Data element	NHDD definition used?		NHDD domain values used?		Provided for all establishments*?	
	Yes	No	Yes	No	Yes	No
Diagnostic & health professionals		No	Yes			No
Administrative & clerical staff	Yes		Yes			No
Domestic & other staff		No	Yes			No
Revenue data elements						
Patient revenue		No	Yes			No
Other revenues	Yes			No		No
Recoveries	Yes			No		No
Other data elements						
Full-time equivalent staff		No	Yes			No
Specialised service indicators	Yes		Yes			No
Type of non-admitted patient care						
Accident & Emergency	Yes		Yes			No
Dialysis	Yes		Yes			No
Pathology	Yes		Yes			No
Radiology	Yes		Yes			No
Endoscopy	Yes		Yes			No
Other medical/surgical/ diagnostic	Yes		Yes			No
Mental health	Yes		Yes			No
Alcohol and drug	Yes		Yes			No
Dental	Yes		Yes			No
Pharmacy	Yes		Yes			No
Allied health	Yes		Yes			No
Community health	Yes		Yes			No
District nursing	Yes		Yes			No
Other outreach	Yes		Yes			No
Type of non-admitted patient care (public psychiatric, alcohol & drug)	Yes		Yes			No
Group sessions	Yes		Yes			No
Number of available beds for admitted patients		No	Yes		Yes	
Teaching status	Yes		Yes		Yes	

\* Provided for establishments in each state or territory

## Data element compliance summary

### System level expenditure elements

These data elements were reported using standard definitions and domain values, but data were not supplied by several states (Victoria and Western Australia for capital expenditure items; Victoria, Western Australia and Tasmania for *Indirect health care expenditure*).

### Establishment identification data elements

Overall, these data elements were well reported. Two states supplied a shortened version of establishment identifier, but overall compliance with NHDD definitions and NHDD domain values was good. There were some gaps within states' reporting of *Region code* and state and sector elements. However all states and territories supplied identifying information for all establishments. These gaps did not have a significant impact on the quality of data for establishment identification, but did mean that manual processes were required to match identifiers with those in other hospital datasets.

### Establishment level expenditure elements (non-salary items)

The NHDD definition was used for all data elements in this section by most states and territories. One state included *Interest payments* in *Administrative expenses* and several states included outsourced pathology services in *Medical and surgical supplies*. Also, one state included termination payments in *Other recurrent expenditure*.

Data was reported using NHDD domain values, apart from one state reporting a few negative values in *Other recurrent expenditure*. Victorian data were reported at 'network' rather than establishment level, one level above establishment. Tasmania did not report any non-salary expenditure for five small hospitals and Victoria did not report for most categories for one establishment (its single psychiatric hospital). This had an impact on national coverage for data in these categories and so no data elements had complete coverage. If the Tasmanian and Victorian establishments were excluded, several elements still had inadequate coverage, in particular *Interest payments* and *Depreciation*.

### Establishment level expenditure elements (salaries and wages)

Salaries and wages data element categories were not particularly well reported. Within nurses salaries and wages, several states could not distinguish between different nursing categories, although total nurses salaries was reported by all jurisdictions. *Other personal care staff* category was poorly reported, with data often allocated to other staffing categories. This then reduced the comparability of data in the other categories (*Diagnostic and health professionals* and *Domestic and other staff*).

### Revenue data elements

There were considerable gaps in these data, with incomplete data being supplied by four jurisdictions. In addition, states and territories indicated that it was difficult for them to determine whether revenue had been allocated to the correct revenue category.

## Other data elements

As was the case with *Salaries and wages*, there were difficulties with *Full-time equivalent staff* categories. The NHDD definition was not used in several instances and this reduced the quality of data in other *Full-time equivalent staff* categories. Apart from *Full-time equivalent staff* and a definitional issue for one state for *Number of Available Beds* all data elements in this section used NHDD definitions and NHDD domain values.

For all these ‘other’ data elements, data were not reported for all establishments. In particular *Non-admitted patient occasions of service* was not reported for several establishments in Western Australia and Victoria. As a result, data was provided for all establishments for only one of the 21 elements/categories (*Teaching status*).

## State and territory summary

The state and territory summary (Table 4.3) provides information on the number and proportion of data elements for which the NHDD definition and domain values were used, and the number and proportion of data elements which were reported for all separations.

**Table 4.3: State and territory summary of the use of the *National health data dictionary* definition and domain values and NMDS scope**

State/territory	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
	Number	Per cent	Number	Per cent	Number	Per cent
[Number (out of 54*) and % of data elements]						
NSW	45	83	53	98	44	81
Vic	53	98	51	94	20	37
Qld	52	96	51	94	50	93
WA	53	98	51	94	32	59
SA	46	85	54	100	48	89
Tas	50	93	54	100	25	46
ACT	53	100	53	100	51	96
NT	53	100	53	100	49	92
Australia total	41	76	47	87	7	13

\* Out of 53 for Australian Capital Territory and Northern Territory.

All states and territories used the NHDD definition in more than 76% of data elements. The Australian Capital Territory and Northern Territory used the definitions for 100% of reporting, and four states (Victoria, Western Australia, Queensland and Tasmania) used the definitions for more than 93% of reporting. All states and territories had excellent use of NHDD domain values, with more than 93% of reporting using accurate domain values. However for this NMDS most domain values are numbers, for example dollars or counts, so any number was considered valid for this purpose.

Queensland, South Australia, the Australian Capital Territory and Northern Territory had the highest data coverage, with data provided for all establishments for more than 89% of data elements/categories. Reporting from Western Australia was affected by several ‘not reported’ for the *Type of non-admitted patient occasions of service* categories. Tasmania’s coverage was reduced as data were not provided for 5 small hospitals. Victoria’s coverage was significantly reduced by not reporting most of the recurrent expenditure categories for

its single psychiatric hospital and by not reporting for some establishments for *Type of non-admitted patient occasions of service*.

## Assessment of individual data elements

This section reports on the assessment of compliance for each data element in the NMDS reported by states and territories for 2003–04. It details states' and territories' use of the national standard definition, domain values and scope. It also provides details of the use of non-standard NHDD definitions and domain values and non-standard use of scope. Information is provided on mapping required from state and territory data sets to comply with the national standard domain values, and additional comments or information from states and territories to assist in the evaluation.

Scope and definitions are as defined in the *National health data dictionary* version 12. Data listed as 'Supplied for all establishments' is data apparently supplied for all applicable establishments.

If an establishment supplied a total for any category (for example, recurrent expenditure, salaries, full-time equivalent staff, revenue) but did not supply data for individual categories (for example administrative expenses, interest payments) elements, then it was considered non-compliant. However, if data were supplied for the total, and for only some individual categories which added to the total, then other categories were assumed to be zero and so considered compliant.

If an establishment reported *Full-time equivalent staff* but not *Salaries and wages* for the corresponding category (or vice versa) then it was considered non-compliant in the non-reporting category.

The order of data elements in this section is according to how the data elements are presented in Table 4.2.

**Data element name: Capital expenditure—gross (accrual accounting)**

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000325</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> System-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 2</b>
<b>Definition:</b> Expenditure in a period on the acquisition or enhancement of an asset (excluding financial assets).		

**Use of National Standard definition, domain values and NMDS scope:**

State	NHDD definition used?		NHDD domain values used?		Provided for all states or territories?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

**Details of use of non-standard NHDD definition and domain values:**

Not applicable, NHDD definition and domain values used by all jurisdictions.

**Does the data supplied cover all establishments?**

Victoria and Tasmania did not supply *Capital expenditure – gross (accrual accounting)*.

**Was mapping required from state and territory data sets?**

No.

## Data element name: Capital expenditure—net (accrual accounting)

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000396</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> System-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 2</b>
<b>Definition:</b> Gross capital expenditure less trade-in values of replaced items and receipts from the sale of replaced or otherwise disposed items.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all states or territories?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

Victoria and Tasmania did not supply *Capital expenditure – net (accrual accounting)*.

### Was mapping required from state and territory data sets?

No.

## Data element name: Indirect health care expenditure

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003-04</b>
		<b>Knowledgebase ID: 000326</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> System-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Expenditures on health care that cannot be directly related to programs operated by a particular establishment (that is, can only be indirectly related to particular establishments). To be provided at the State level but disaggregated into patient transport services, public health and monitoring services, central and state-wide support services, central administrations and other indirect health care expenditure.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all states or territories?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

Victoria, Western Australia and Tasmania did not supply *Indirect health care expenditure*.

### Was mapping required from state and territory data sets?

No.

## Data element name: Establishment identifier

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Admitted Patient Mental Health Care Admitted Patient Palliative Care Alcohol and Other Drug Treatment Services Elective Surgery Waiting Times (census data) Elective Surgery Waiting Times (removals data) Mental Health Establishments Non-admitted Patient Emergency Department Care Outpatient Care Perinatal	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000050</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 4</b>
<b>Definition:</b> Identifier for the establishment in which episode or event occurred. Each separately administered health care establishment to have a unique identifier at the national level.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all states or territories?	
NSW	Yes		Yes		Yes	
Vic	Yes			No	Yes	
Qld	Yes		Yes		Yes	
WA	Yes			No	Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

*Establishment identifier* is a concatenation of:

- State/territory identifier (character position 1)
- Establishment sector (character position 2)
- Region identifier (character positions 3-4)
- Establishment number supplied by state/territory (character positions 5-9).

The *Establishment identifier* can be up to 9 digits. The majority of states or territories supplied an 8 number code (Northern Territory, Australian Capital Territory, South Australia and Queensland); New South Wales reported a 7 digit alphanumeric code and Tasmania a 6 number code. Western Australia supplied a 3 digit Establishment number. Victoria supplied a variety of a 4 digit 'establishment numbers' (including 'auspice' identifier and campus identifier) and the AIHW used those data and historical information to assign establishment numbers which align with the Admitted Patient Care NMDS. The AIHW combined establishment numbers with state identifiers and sector or region codes to provide an *Establishment identifier* for establishments in Western Australia and Victoria.

### **Does the data supplied cover all establishments?**

Relevant information is supplied for all establishments in all jurisdictions. However Western Australia and Victoria supply *Establishment number* rather than *Establishment identifier*.

### **Was mapping required from state and territory data sets?**

As noted above, the AIHW combined establishment number supplied with state identifiers and sector or region codes to provide complete *Establishment identifiers* for Western Australia and Victoria.

## Supporting data element name: Establishment number

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Admitted Patient Mental Health Care Admitted Patient Palliative Care Alcohol and Other Drug Treatment Services Elective Surgery Waiting Times (census data) Elective Surgery Waiting Times (removals data) Mental Health Establishments Non-admitted Patient Emergency Department Care Outpatient Care Perinatal	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000377</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 4</b>
<b>Definition:</b> An identifier for an establishment, unique within a state or territory.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all states or territories?	
NSW	Yes		Yes		Yes	
Vic	Yes			No	Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Victoria supplied a variety of a 4 digit 'establishment numbers' (including 'auspice' identifier and campus identifier) and the AIHW used those data and historical information to assign establishment numbers which align with the Admitted Patient Care NMDS.

### Does the data supplied cover all establishments?

*Establishment number* was supplied for all establishments.

**Was mapping required from state and territory data sets?**

No.

## Supporting data element name: Establishment sector

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Admitted Patient Mental Health Care Admitted Patient Palliative Care Alcohol and Other Drug Treatment Services Elective Surgery Waiting Times (census data) Elective Surgery Waiting Times (removals data) Mental Health Establishments Non-admitted Patient Emergency Department Care Outpatient Care Perinatal	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000050</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 4</b>
<b>Definition:</b> A section of the health care industry with which a health care establishment can identify.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all states or territories?	
NSW	Yes		Yes		Yes	
Vic	Yes			No		No
Qld	Yes		Yes		Yes	
WA	Yes			No		No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

**Details of use of non-standard NHDD definition and domain values:**

*Establishment sector* was not specifically supplied by Victoria and Western Australia. However, states and territories determine which hospitals are 'public hospitals' and only public hospitals are required to be reported to this NMDS.

**Does the data supplied cover all establishments?**

As above.

**Was mapping required from state and territory data sets?**

No.

## Supporting data element name: Region code

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Admitted Patient Mental Health Care Admitted Patient Palliative Care Alcohol and Other Drug Treatment Services Elective Surgery Waiting Times (census data) Elective Surgery Waiting Times (removals data) Mental Health Establishments Non-admitted Patient Emergency Department Care Outpatient Care Perinatal	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000050</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 4</b>
<b>Definition:</b> An identifier for location of health services in a defined geographic or administrative area.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all states or territories?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

**Details of use of non-standard NHDD definition and domain values:**

NHDD definition and domain values used by all jurisdictions.

**Does the data supplied cover all establishments?**

*Region code* was not supplied (as part of establishment identifier) by Western Australia or Victoria. Other states or territories may not have region codes.

**Was mapping required from state and territory data sets?**

No.

## Supporting data element name: State/territory identifier

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Admitted Patient Mental Health Care Admitted Patient Palliative Care Alcohol and Other Drug Treatment Services Elective Surgery Waiting Times (census data) Elective Surgery Waiting Times (removals data) Mental Health Establishments Non-admitted Patient Emergency Department Care Outpatient Care Perinatal	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000050</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 4</b>
<b>Definition:</b> An identifier for Australian state or territory.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all states or territories?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

**Details of use of non-standard NHDD definition and domain values:**

NHDD definition and domain values used by all jurisdictions.

**Does the data supplied cover all establishments?**

*State or territory identifier* not supplied by Western Australia or Victoria.

**Was mapping required from state and territory data sets?**

Where data was not supplied it was ascertained from the jurisdiction supplying the data.

## Data element name: Establishment type

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000327</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Type of establishment (defined in terms of legislative approval, service provided and patients treated) for each separately administered establishment.  Residential establishments are considered to be separately administered if managed as an independent unit in terms of financial, budgetary and activity statistics. The situation where establishment-level data, say for components of an area health service, were not available separately at a central authority was not grounds for treating such a group of establishments as a single establishment unless such data were not available at any level in the health care system.  Non-residential health services are classified in terms of separately administered organisations rather than in terms of the number of sites at which care is delivered. Thus, domiciliary nursing services would be counted in terms of the number of administered entities employing nursing staff rather than in terms of the number of clinic locations used by the staff.  Establishments can cater for several activities and in some cases separate staff and financial details are not available for each activity. In the cases it is necessary to classify the establishment according to its predominant residential activity (measured by costs) and to allocate all the staff and finances to that activity. Where non-residential services only are provided at one establishment, that establishment is classified according to the predominant non-residential activity (in terms of costs).		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW		? No	Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas		? No	Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

**Details of use of non-standard NHDD definition and domain values:**

All states and territories used the NHDD definition and domain values. However, in the peer grouping process (Table 4.2, *Australian hospital statistics 2003-04*) four hospitals peer grouped to 'hospice' – three in NSW and one in Tasmania – but only one NSW hospital actually reported as type R6.1.

**Does the data supplied cover all establishments?**

*Establishment type* was supplied for all establishments.

**Was mapping required from state and territory data sets?**

No.

**Additional information:**

For 2003–04 this data element was used to report 738 R1.1 public acute care hospitals, 20 R2.1 public psychiatric hospitals, two R4.1 public alcohol and drug establishments, and one R6.1 public hospice.

One establishment in Victoria with *hospice* in its name reported as type R1.1 but peer grouped to 'Other non-acute'.

## Data element name: Geographical location of establishment

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000260</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 2</b>
<b>Definition:</b> Geographical location of the establishment. For establishments with more than one geographical location, the location is defined as that of the main administrative centre.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW		No		No	Yes	
Vic	Yes		Yes		Yes	
Qld		No		No	Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

New South Wales and Queensland used Statistical Location Area (SLA) codes which are not valid in the current version, that is they used old SLA codes.

### Does the data supplied cover all establishments?

*Geographical location of establishment* was not supplied for some establishments in Tasmania.

### Was mapping required from state and territory data sets?

No.

### Additional information

Queensland has rectified this problem for 2004–05 reporting.

## Data element name: Administrative expenses

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000244</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> All expenditure incurred by establishments (but not central administrations) of a management expenses/administrative support nature such as any rates and taxes, printing, telephone, stationery and insurance (including workers compensation).		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA		No	Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

South Australia included *Interest payments* in *Administrative expenses*.

### Does the data supplied cover all establishments?

*Administrative expenses* data were supplied for all states and territories. However Tasmania did not report data for five small establishments. Victoria did not report this category for its single psychiatric hospital.

### Was mapping required from state and territory data sets?

No.

## Data element name: Interest payments

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000245</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Payments made by or on behalf of the establishment in respect of borrowings (e.g. interest on bank overdraft) provided the establishment is permitted to borrow. This does not include the cost of equity capital (i.e. dividends on shares) in respect of profit-making private establishments.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes			No
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA		No	Yes			No
Tas	Yes		Yes			No
ACT	Yes		Yes			No
NT	Yes		Yes			No

### Details of use of non-standard NHDD definition and domain values:

South Australia included *Interest payments* in *Administrative expenses*.

### Does the data supplied cover all establishments?

Reporting on interest payments is of indeterminate quality. Some variations in data reported arise from different financial and accounting systems among states and territories. In some jurisdictions public hospitals may not be permitted to borrow funds or funds may be supplied by the state treasury. Zero interest payments were reported by Victoria, Tasmania and Northern Territory. In Queensland one establishment reported interest payments by special arrangement, other establishments were generally not permitted to report interest payments. In the Australian Capital Territory only one establishment reported making interest payments. South Australia included interest payments in administrative expenses (although *Interest payments* were reported for four establishments). New South Wales reported *Interest payments* for 44% of its establishments and Western Australia reported *Interest payments* for 63% of its establishments.

**Was mapping required from state and territory data sets?**

No.

## Data element name: Depreciation

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003-04</b>
		<b>Knowledgebase ID: 000246</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Depreciation represents the expensing of a long-term asset over its useful life and is related to the basic accounting principle of matching revenue and expenses for the financial period. Depreciation charges for the current financial year only should be shown as expenditure. Where intangible assets are amortised (such as with some private hospitals) this should also be included in recurrent expenditure.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes			No
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all reporting jurisdictions.

### Does the data supplied cover all establishments?

Tasmania did not report *Depreciation* for any establishments and South Australia reported *Depreciation* for a very small subset of establishments.

### Was mapping required from state and territory data sets?

No.

## Data element name: Patient transport

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000243</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> The direct cost of transporting patients excluding salaries and wages of transport staff.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

Tasmania supplied *Patient transport* information for approximately 20% of its establishments. Victoria did not report this category for its single psychiatric hospital.

### Was mapping required from state and territory data sets?

No.

## Data element name: Repairs and maintenance

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000242</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> The costs incurred in maintaining, repairing, replacing and providing additional equipment, maintaining and renovating building and minor additional works. Expenditure of a capital nature should not be included here. Do not include salaries and wages of repair and maintenance staff. Gross expenditure should be reported with no revenue offsets (except for inter-hospital transfers).		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all reporting jurisdictions.

### Does the data supplied cover all establishments?

*Repairs and maintenance* data were supplied for all states and territories. However Tasmania did not report data for five small establishments. Victoria did not report this category for its single psychiatric hospital.

### Was mapping required from state and territory data sets?

No.

**Data element name: Superannuation employer contributions (including funding basis)**

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000237</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Contributions paid or (for an emerging cost scheme) that should be paid (as determined by an actuary) on behalf of establishment employees either by the establishment or a central administration such as a State health authority, to a superannuation fund providing retirement and related benefits to establishment employees. The following different funding bases are identified: <ul style="list-style-type: none"> <li>• paid by hospital to fully funded scheme</li> <li>• paid by Commonwealth Government or State government to fully funded scheme</li> <li>• unfunded or emerging costs schemes where employer component is not presently funded.</li> </ul> Fully funded schemes are those in which employer and employee contributions are paid into an invested fund. Benefits are paid from the fund. Most private sector schemes are fully funded. Emerging cost schemes are those in which the cost of benefits is met at the time a benefit becomes payable; that is, there is no ongoing invested fund from which benefits are paid. The Commonwealth superannuation fund is an example of this type of scheme as employee benefits are paid out of general revenue.		

**Use of National Standard definition, domain values and NMDS scope:**

State	NHDD definition used?	NHDD domain values used?	Provided for all establishments?
NSW	Yes	Yes	Yes
Vic	Yes	Yes	No
Qld	Yes	Yes	Yes
WA	Yes	Yes	Yes
SA	Yes	Yes	Yes
Tas	Yes	Yes	No
ACT	Yes	Yes	Yes
NT	Yes	Yes	Yes

**Details of use of non-standard NHDD definition and domain values:**

Not applicable, NHDD definition and domain values used by all jurisdictions.

### **Does the data supplied cover all establishments?**

*Superannuation employer contributions* data were supplied for all states and territories. However Tasmania did not report data for five small establishments. Victoria did not report this category for its single psychiatric hospital.

### **Was mapping required from state and territory data sets?**

No.

### **Additional information:**

Superannuation funding basis has never been collected. The *National health data dictionary* identifies three different funding bases:

- paid by hospital to fully funded scheme
- paid by Commonwealth, State or Territory government to fully funded scheme
- unfunded or emerging costs schemes where employer component is not presently funded.

Comments in the NHDD indicate that funding basis is required for cost comparison purposes. However this has never been utilised. In the NHDD the domain values are an Australian dollar amount, the same as for other recurrent expenditure items, and there is no information on *how* to report funding basis.

## Data element name: Domestic services

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003-04</b>
		<b>Knowledgebase ID: 000241</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> The costs of all domestic services including electricity, other fuel and power, domestic services for staff, accommodation and kitchen expenses but not including salaries and wages, food costs or equipment replacement and repair costs. Gross expenditure should be reported with no revenue offsets, except for inter-hospital transfers.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

*Domestic services* data were supplied for all states and territories. However Tasmania did not report data for five small establishments and Victoria did not report for one establishment.

### Was mapping required from state and territory data sets?

No.

## Data element name: Payments to visiting medical officers

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000236</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> All payments made by an institutional health care establishment to visiting medical officers for medical services provided to hospital (public) patients on an honorary, sessionally paid, or fee for service basis. A visiting medical officer is a medical practitioner appointed by the hospital board to provide medical services for hospital (public) patients on an honorary, sessionally paid, or fee for service basis. This category includes the same Australian Standard Classification of Occupations (ASCO) codes as the salaried medical officers category.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

*Payments to visiting medical officers* data were supplied for all states and territories. However Tasmania did not report data for five small establishments and Victoria did not report for one establishment.

### Was mapping required from state and territory data sets?

No.

## Data element name: Drug supplies

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000238</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> The cost of all drugs including the cost of containers. Gross expenditure should be reported with no revenue offsets, except for inter-hospital transfers.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

*Drug supplies* data were supplied for all states and territories. However Tasmania did not report data for five small establishments and Victoria did not report this category for its single psychiatric hospital.

### Was mapping required from state and territory data sets?

No.

## Data element name: Food supplies

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000240</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> The cost of all food and beverages but not including kitchen expenses such as utensils, cleaning materials, cutlery and crockery. Gross expenditure should be reported with no revenue offsets, except for inter-hospital transfers.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

*Food supplies* data were supplied for all states and territories. However Tasmania did not supply this information for five hospitals and Victoria did not report this category for its single psychiatric hospital.

### Was mapping required from state and territory data sets?

No.

## Data element name: Medical and surgical supplies

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000239</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> The cost of all consumables of a medical or surgical nature (excluding drug supplies) but not including expenditure on equipment repairs. Gross expenditure should be reported with no revenue offsets, except for inter-hospital transfers.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic		No	Yes			No
Qld		No	Yes		Yes	
WA	Yes		Yes		Yes	
SA		No	Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

NHDD definition and domain values were used. However Victoria, Queensland and South Australia (and possibly other jurisdictions) included outsourced or state-supplied pathology services in this category. This is a reflection of a shortcoming in recurrent expenditure categories which do not seem to have a place for pathology services.

### Does the data supplied cover all establishments?

*Medical and surgical supplies* data were supplied for all states and territories. However Tasmania did not report data for five small establishments and Victoria did not report for its single psychiatric hospital.

### Was mapping required from state and territory data sets?

No.

## Data element name: Other recurrent expenditure

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003-04</b>
		<b>Knowledgebase ID: 000247</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Other payments are all other recurrent expenditure not included elsewhere in any of the recurrent expenditure categories. Gross expenditure should be reported with no revenue offsets (except for inter-hospital transfers).		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes			No	Yes	
WA	Yes			No	Yes	
SA		No	Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

South Australia included termination payments in *Other recurrent expenditure*. Queensland and Western Australia data included negative *Other recurrent expenditure*.

### Does the data supplied cover all establishments?

Tasmania did not report *Other recurrent expenditure* data for five small hospitals and Victoria did not report this category for its single psychiatric hospital.

### Was mapping required from state and territory data sets?

No.

## Data element name: Salaries and wages

<b>Evaluation NMDs:</b> Public Hospital Establishments	<b>Other NMDs:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000254</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Salary and wage payments for all employees of the establishment (including contract staff employed by an agency, provided staffing data are also available). This is to include all paid leave (recreation, sick and long-service) and salary and wage payments relating to workers compensation leave for the following staffing categories (see below). Generally, salary data by staffing categories should be broadly consistent with full-time equivalent staffing numbers. Where staff provide services to more than one hospital, their salaries should be apportioned between all hospitals to whom services are provided on the basis of hours worked in each hospital. Salary payments for contract staff employed through an agency should be included under salaries for the appropriate staff category provided they are included in full-time equivalent staffing. If they are not, salary payments should be shown separately.		

The *Salaries and wages* data element includes nine categories:

1. registered nurses
2. enrolled nurses
3. student nurses
4. trainee/pupil nurses
5. salaried medical officers
6. other personal care staff
7. diagnostic and health professionals
8. administrative and clerical staff
9. domestic and other staff.

Information on compliance with the individual categories in this data element follows.

### Was mapping required from state and territory data sets?

Mapping was not required for any of the *Salaries and wages* categories.

## 1. Salaries and wages—Registered nurses

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
	Yes	No	Yes	No	Yes	No
NSW		No	Yes			No
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA		No	Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

NHDD definition and domain values used by all jurisdictions, except New South Wales and Western Australia (see below).

### Does the data supplied cover all establishments?

Total nurses (salaries and wages) = Registered nurses + Enrolled nurses + Student nurses + Trainee/pupil nurses.

All states and territories supplied *Total nurses salaries and wages*. However New South Wales did not split data into individual categories and therefore did not supply *Registered nurses salaries and wages*. Victoria supplied some data. However it did not cover all hospitals. For Western Australia, many hospitals were unable to provide a split between nurse categories and these have been reported as registered nurses. Nurses' salaries, either totals or categories, were not reported by Tasmania for a few establishments.

## 2. Salaries and wages—Enrolled nurses

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
	Yes	No	Yes	No	Yes	No
NSW		No	Yes			No
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

NHDD definition and domain values used by all jurisdictions, except New South Wales (see below).

### Does the data supplied cover all establishments?

Total nurses (salaries and wages) = Registered nurses + Enrolled nurses + Student nurses + Trainee/pupil nurses.

All states and territories supplied *Total nurses salaries and wages*. However New South Wales did not split data into individual categories and therefore did not supply *Enrolled nurses salaries and wages*. Victoria supplied some data. However it did not cover all hospitals. A very small number of establishments in Tasmania did not supply nurses salaries, either totals or in categories.

### 3. Salaries and wages—Student nurses

#### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		..	
Vic	Yes		Yes		..	
Qld	Yes		Yes		..	
WA	Yes		Yes		..	
SA	Yes		Yes		Yes	
Tas	Yes		Yes		..	
ACT	Yes		Yes		..	
NT	Yes		Yes		..	

.. Not applicable

#### Details of use of non-standard NHDD definition and domain values:

NHDD definition and domain values used by one reporting jurisdiction.

#### Does the data supplied cover all establishments?

Total nurses (salaries and wages) = Registered nurses + Enrolled nurses + Student nurses + Trainee/pupil nurses.

All states and territories supplied *Total nurses salaries and wages*. However only South Australia reported *Student nurses salaries and wages*, for around 30% of establishments. South Australia is the only jurisdiction to report *Student nurses salaries and wages* since 1998-99. New South Wales did not divide *Total nurses salaries and wages* into categories, and other jurisdictions indicated zero student nurses.

#### 4. Salaries and wages—Trainee/pupil nurses

##### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

##### Details of use of non-standard NHDD definition and domain values:

Not applicable; standard definitions used.

##### Does the data supplied cover all establishments?

Total nurses (salaries and wages) = Registered nurses + Enrolled nurses + Student nurses + Trainee/pupil nurses.

All jurisdictions indicated zero *Trainee/pupil nurses salaries and wages*. No data have been reported in this category since 1997-98.

## 5. Salaries and wages—Salaried medical officers

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

All states and territories supplied data for *Salaried medical officers salaries and wages*. However Tasmania did not supply salaries and wages information for a few establishments.

## 6. Salaries and wages—Other personal care staff

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
	Yes	No	Yes	No	Yes	No
NSW		No	Yes			No
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA		No	Yes			No
Tas		No	Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

New South Wales and South Australia include *Other personal care staff* in *Diagnostic and health professionals* and *Domestic and other staff*. Tasmania includes *Other personal care staff* in *Domestic and other staff*.

### Does the data supplied cover all establishments?

*Salaries and wages – other personal care staff* was not reported by five jurisdictions. Queensland, Northern Territory and Australian Capital Territory reported *Other personal care staff*. Western Australia reported *Other personal care staff* for a few establishments. New South Wales, South Australia, Tasmania and Victoria did not supply data for *Other personal care staff*.

## 7. Salaries and wages—Diagnostic and health professionals

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW		No	Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA		No	Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Although New South Wales and South Australia allocated diagnostic and health professionals to this category, they also include data from other categories. Both states include *Other personal care staff in Diagnostic and allied health professionals* and *Domestic and other staff*.

### Does the data supplied cover all establishments?

All states and territories supplied data for *Salaries and wages – diagnostic and health professionals*. Tasmania did not supply salaries and wages information for a few small establishments.

## 8. Salaries and wages—Administrative and clerical staff

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

All states and territories supplied data for *Salaries and wages – administrative and clerical staff*. Tasmania did not supply any salaries and wages information for a few small establishments.

## 9. Salaries and wages—Domestic and other staff

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
	Yes	No	Yes	No	Yes	No
NSW		No	Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA		No	Yes		Yes	
Tas		No	Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Although *Domestic and other staff* were allocated to this category, some states added extra data to this category. New South Wales and South Australia include *Other personal care staff* in *Diagnostic and allied health professionals* and *Domestic and other staff*. Tasmania includes *Other personal care staff* in *Domestic and other staff*.

### Does the data supplied cover all establishments?

All states and territories supplied data for *Salaries and wages – domestic and other staff*. Tasmania did not supply any salaries and wages information for a few small establishments.

## Data element name: Patient revenue

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003-04</b>
		<b>Knowledgebase ID: 000296</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Patient revenue comprises all revenue received by, and due to, an establishment in respect of individual patient liability for accommodation and other establishment charges. All patient revenue is to be grouped together regardless of source of payment (Commonwealth, health fund, insurance company, direct from patient) or status of patient (whether inpatient or non-inpatient, private or compensable). Gross revenue should be reported.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?	NHDD domain values used?	Provided for all establishments?
NSW	Yes	Yes	No
Vic	Yes	Yes	Yes
Qld	Yes	Yes	No
WA	Yes	Yes	Yes
SA	Yes	Yes	Yes
Tas	Yes	Yes	No
ACT	Yes	Yes	Yes
NT	Yes	Yes	Yes

### Details of use of non-standard NHDD definition and domain values:

Queensland *Patient revenue* included items such as pharmacy and ambulance which are borderline *Patient revenue* or *Recoveries*.

### Does the data supplied cover all establishments?

All states and territories supply *Patient revenue* data, but Tasmania, New South Wales and Queensland did not supply data for a small subset of hospitals in each state.

### Was mapping required from state and territory data sets?

No.

## Data element name: Other revenues

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003-04</b>
		<b>Knowledgebase ID: 000323</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> All other revenue received by the establishment that is not included under patient revenue or recoveries (but not including revenue payments received from state or territory governments). This would include revenue such as investment income from temporarily surplus funds and income from charities, bequests and accommodation provided to visitors. Gross revenue should be reported (except in relation to payments for inter-hospital transfers of goods and services).		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes			No
Vic	Yes		Yes		Yes	
Qld	Yes			No		No
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Standard definition and domain values used, except Queensland reported negative revenue for two establishments.

### Does the data supplied cover all establishments?

New South Wales, Queensland and Tasmania did not supply *Other revenue* for a subset of their establishments.

### Was mapping required from state and territory data sets?

No.

## Data element name: Recoveries

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003-04</b>
		<b>Knowledgebase ID: 000295</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> All revenue received that is in the nature of a recovery of expenditure incurred. This would include: <ul style="list-style-type: none"> <li>• income received from the provision of meals and accommodation to members of staff of the hospital (assuming it is possible to separate this from income from the provision of meals and accommodation to visitors;</li> <li>• income received from the use of hospital facilities by salaried medical officers exercising their rights of private practice and by private practitioners treating private patients in hospital; and</li> <li>• other recoveries such as those relating to inter-hospital services where the revenue relates to a range of different costs and cannot be clearly offset against any particular cost.</li> </ul> Generally, gross revenues should be reported but, where inter-hospital payments for transfers of goods and services are made, offsetting practices are acceptable to avoid double counting. Where a range of inter-hospital transfers of goods and services is involved and it is not possible to allocate the offsetting revenue against particular expenditure categories, then it is acceptable to bring that revenue in through recoveries.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?	NHDD domain values used?	Provided for all establishments?
NSW	Yes	Yes	No
Vic	Yes	Yes	Yes
Qld	Yes	Yes	Yes
WA	Yes	Yes	Yes
SA	Yes	Yes	No
Tas	Yes	Yes	No
ACT	Yes	Yes	Yes
NT	Yes	Yes	Yes

**Details of use of non-standard NHDD definition and domain values:**

Standard definition and domain values used. Queensland reported a negative value for one establishment in *Recoveries*.

**Does the data supplied cover all establishments?**

Incomplete data were supplied for New South Wales, South Australia and Tasmania.

**Was mapping required from state and territory data sets?**

No.

## Data element name: Full-time equivalent staff

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b> Mental Health Establishments	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000252</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 2</b>
<b>Definition:</b> Full time equivalent staff units are the on-job hours paid for (including overtime) and hours of paid leave of any type for a staff member (or contract employee where applicable) divided by the number of ordinary-time hours normally paid for a full-time staff member when on the job (or contract employee where applicable) under the relevant award or agreement for the staff member (or contract employee occupation where applicable). Hours of unpaid leave are to be excluded. Contract staff employed through an agency are included where the contract is for the supply of labour (e.g. nursing) rather than of products (e.g. photocopier maintenance). In the former case, the contract would normally specify the amount of labour supplied and could be reported as full-time equivalent units.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW		No	Yes			No
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA		No	Yes		Yes	
Tas		No	Yes			No
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

New South Wales and South Australia included *Other personal care staff in Diagnostic and allied health professionals* and *Domestic and other staff*. Tasmania included *Other personal care staff in Domestic and other staff*. For New South Wales, only *Total nurses FTE* was supplied.

## Does the data supplied cover all establishments?

The *Full-time equivalent (FTE) staff* data element includes nine categories:

1. registered nurses
2. enrolled nurses
3. student nurses
4. trainee/pupil nurses
5. salaried medical officers
6. other personal care staff
7. diagnostic and health professionals
8. administrative and clerical staff
9. domestic and other staff.

*Full-time equivalent staff* categories are the same as *Salaries and wages* categories, and jurisdictions are asked to ensure that data are consistent between the two data elements. Therefore most comments on compliance for *Salaries and wages* are applicable to *Full-time equivalent staff*.

*Total full-time equivalent staff* data were supplied for all states and territories, although a few small establishments in Tasmania did not supply the data. Table 4.4 shows reporting of full-time equivalent staff by states and territories.

As for *Salaries and wages*, *Other personal care staff* was patchily reported and often allocated to other categories. The Australian Capital Territory, Northern Territory and Queensland reported *Other personal care staff* FTE. New South Wales and South Australia included *Other personal care staff* in *Diagnostic and allied health professionals* and *Domestic and other staff*. Tasmania included *Other personal care staff* in *Domestic and other staff*. Western Australia supplied *Other personal care staff* FTE for just a few establishments and Victoria did not supply data for *Other personal care staff*.

In the nursing categories, all states and territories supplied *Total nurses FTE*. For New South Wales, only *Total nurses FTE* was supplied. Victoria supplied some data. However it did not cover all hospitals. For other states, *Total nurses* was split into *Enrolled nurses* and *Registered nurses*. South Australia also reported *Student nurses* FTE (for 30% of South Australia establishments) and included this data in its *Total nurses* FTE data. All other states and territories reported zero *Student nurses*, although Western Australia did supply some 'not reported'. Similarly, all states or territories reported zero *Trainee nurses*, but Western Australia supplied some 'not reported'.

## Was mapping required from state and territory data sets?

No.

**Table 4.4: Full-time equivalent staff coverage by state and territory, 2003-04**

Staffing category	NSW <sup>(a)</sup>	Vic <sup>(b)</sup>	Qld <sup>(c)</sup>	WA <sup>(d)</sup>	SA <sup>(b)</sup>	Tas <sup>(e)</sup>	ACT	NT
Salaried medical officers	✓	✓	✓	✓	✓	✓	✓	✓
Registered nurses	n.a.	n.a.	✓	✓	✓	✓	✓	✓
Enrolled nurses	n.a.	n.a.	✓	✓	✓	✓	✓	✓
Student nurses	..	..	..	..	✓	..	..	..
Trainee/pupil nurses	..	..	..	..	..	..	..	..
<b>Total nurses</b>	✓	✓	✓	✓	✓	✓	✓	✓
Other personal care staff	n.a.	n.a.	✓	✓	n.a.	n.a.	✓	✓
Diagnostic & health professionals	✓	✓	✓	✓	✓	✓	✓	✓
Administrative & clerical staff	✓	✓	✓	✓	✓	✓	✓	✓
Domestic & other staff	✓	✓	✓	✓	✓	✓	✓	✓
<b>Total staff</b>	✓	✓	✓	✓	✓	✓	✓	✓

(a) Other personal care staff are included in Diagnostic & allied health professionals and Domestic & other staff.

(b) Other personal care staff are included in Domestic & other staff.

(c) Queensland staff employed by the state pathology service not reported here.

(d) Other personal care staff for Western Australia excludes staff on retention who do not work regular hours. Many hospitals were unable to provide a split between nurse categories and these have been reported as registered nurses.

(e) Data for 2 small Tasmanian hospitals not supplied. Other personal care staff are included in Domestic & other staff.

✓ Reported

n.a. Not available (or not reported)

.. Not applicable

## Data element name: Specialised service indicators

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000321</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Specialised services provided in establishments.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes			No
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Standard definitions and domain values used.

### Does the data supplied cover all establishments?

There are specialised service indicators for 28 different units; see list below. All states and territories reported whether or not establishments have specialised service units. New South Wales had 11 establishments which indicated 'not reported': seven establishments for dental, psychiatric and drug and alcohol care and 4 very small establishments in remote areas.

### Was mapping required from state and territory data sets?

No.

**Additional Information:**

Specialised service units are as follows:

1. obstetric/maternity
2. specialist paediatric
3. psychiatric unit/ward
4. intensive care unit (level 3)
5. hospice care unit
6. nursing home unit
7. geriatric assessment unit
8. domiciliary care service
9. alcohol and drug unit
10. acute spinal cord injury unit
11. coronary care unit
12. cardiac surgery unit
13. acute renal dialysis unit
14. maintenance renal dialysis centre
15. burns unit
16. plastic/reconstructive surgery unit
17. oncology unit
18. neonatal intensive care unit
19. in-vitro fertilisation unit
20. comprehensive epilepsy centre
21. bone marrow unit
22. renal transport unit
23. heart and heart-lung transplant unit
24. pancreas transplantation unit
25. clinical genetics unit
26. sleep centre
27. neurological surgery unit
28. infectious diseases unit
29. AIDS unit
30. diabetes unit
31. rehabilitation unit.

## Data element name: Type of non-admitted patient care

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000231</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute hospitals. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, some corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> This data element identifies types of services provided to non-admitted patients in different institutional ways in different systems. It is not a summary casemix classification.		

### Does the data supplied cover all establishments?

*Type of non-admitted patient care* (also called *Occasions of service*) data counts non-admitted patient occasions of service for individuals. It is collected for 14 categories, which are examined individually on the following pages. Data are collected for R1.1 establishments, public acute hospitals. Data for non-admitted patient occasions of service for groups are collected for the same 14 categories in the *Group sessions* data element.

In all categories, it is difficult to assess compliance due to difficulties distinguishing between services 'not reported' and services which 'did not occur'. Western Australia and Victoria, in particular, did not report (that is reported 'blanks') for some categories. Other states and territories reported all zeros in some categories. However we have taken this at face value and assumed that the jurisdiction had no occasions of service for that category.

The categories of *Accident and emergency services*, *Other medical/surgical/obstetric* and *Allied health* had coverage for all states. *Pathology*, *Radiology and Organ imaging*, *Mental health*, *Pharmacy*, *Community health* and *Other outreach* also had reasonable coverage (data for at least six states/territories). *Dental* was reported by six states/territories and *District nursing* was reported by four jurisdictions. *Dialysis*, *Drug and alcohol* and *Endoscopy* were reported by just a few jurisdictions.

### Was mapping required from state and territory data sets?

Mapping was not required for any of the individual categories.

## 1. Type of non-admitted patient care—Accident and emergency services

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

All states and territories reported *Non-admitted patient accident and emergency services*. Western Australia did not report for some establishments.

## 2. Type of non-admitted patient care—Dialysis

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

NHDD definition and domain values used by reporting jurisdictions.

### Does the data supplied cover all establishments?

Western Australia did not report data for *Non-admitted patient dialysis*.

### Additional information:

Only NSW reported greater than zero occasions of service for this category, all other states and territories reported zero *Non-admitted patient dialysis occasions of service*.

### 3. Type of non-admitted patient care—Pathology

#### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes			No

#### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by reporting jurisdictions.

#### Does the data supplied cover all establishments?

Victoria, Western Australia and Northern Territory did not report *Non-admitted patient pathology services* for a subset of establishments.

#### 4. Type of non-admitted patient care—Radiology and organ imaging

##### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes			No

##### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

##### Does the data supplied cover all establishments?

The Northern Territory indicated that its *Non-admitted patient radiology and organ imaging* data are underestimated. Victoria and Western Australia did not report for some establishments.

## 5. Type of non-admitted patient care—Endoscopy and related procedures

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

NHDD definition and domain values used by reporting jurisdictions.

### Does the data supplied cover all establishments?

Western Australia did not report data for *Non-admitted patient endoscopy and related procedures* for some establishments.

### Additional information:

Only New South Wales and Queensland reported greater than zero occasions of service for this category, all other reporting states and territories reported zero *Non-admitted patient endoscopy occasions of service*.

## 6. Type of non-admitted patient care—Other medical/surgical/diagnostic

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

*Non-admitted patient other medical/surgical/diagnostic* was supplied by all jurisdictions. Western Australia and Victoria did not report for some establishments.

## 7. Type of non-admitted patient care—Mental health

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

NHDD definition and domain values used by all reporting jurisdictions.

### Does the data supplied cover all establishments?

Victoria and Western Australia did not report data for some establishments.

## 8. Type of non-admitted patient care—Alcohol and drug

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

Victoria and Western Australia did not report data for *Non-admitted patient drug and alcohol services* for some establishments.

### Additional information:

Only New South Wales and Queensland reported greater than zero occasions of service for this category, all other jurisdictions reported zero *Non-admitted patient alcohol and drug occasions of service*.

## 9. Type of non-admitted patient care—Dental

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

*Non-admitted patient dental services* were not reported by Western Australia and Victoria for some establishments.

## 10. Type of non-admitted patient care—Pharmacy

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

Western Australia and Victoria did not report *Non-admitted patient pharmacy services* for some establishments.

## 11. Type of non-admitted patient care—Allied health services

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

All jurisdictions supplied *Non-admitted patient allied health services*. Victoria and Western Australia did not report for a small number of establishments.

## 12. Type of non-admitted patient care—Community health services

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

Western Australia and Victoria did not report *Non-admitted patient community health services* for some establishments.

### 13. Type of non-admitted patient care—District nursing services

#### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

#### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

#### Does the data supplied cover all establishments?

All jurisdictions supplied *Non-admitted patient district nursing services*. Victoria and Western Australia did not report data for a small number of establishments.

#### Additional information:

Only New South Wales, Queensland and Western Australia reported greater than zero occasions of service for this category, all other states and territories reported zero *Non-admitted patient endoscopy occasions of service*.

## 14. Type of non-admitted patient care—Other outreach services

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes			No
Qld	Yes		Yes		Yes	
WA	Yes		Yes			No
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

Western Australia and Victoria did not report data for some establishments for *Non-admitted patient other outreach services*.

## Data element name: Type of non-admitted patient care (public psychiatric, alcohol and drug)

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000233</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public psychiatric hospitals and public alcohol and drug treatment centres. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> Emergency patients and outpatients are persons who receive non-admitted care. Non-admitted care is care provided to a person who receives direct care within the emergency department or other designated clinics within the hospital and who is not formally admitted at the time when the care is provided. A person who first contacts the hospital and receives non-admitted care, for example through the emergency department, and is subsequently admitted should have both components of care enumerated separately. For outreach/ community patients, care delivered by hospital employees to the patient in the home, place of work or other non-hospital site. A group is defined as two or more patients receiving a service together, where all individuals are not members of the same family. Family services are to be treated as occasions of service to an individual.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes (?)	
Vic	Yes		Yes			No
Qld	Yes		Yes			No
WA	Yes		Yes		Yes (?)	
SA	Yes		Yes			No
Tas	Yes		Yes			No
ACT	..		..		..	
NT	..		..		..	

.. Not applicable; Australian Capital Territory and Northern Territory do not have separate public psychiatric or alcohol and drug establishments.

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all states.

## Does the data supplied cover all establishments?

The Australian Capital Territory and Northern Territory do not have separate public psychiatric or alcohol and drug establishments; other states have small numbers of such establishments. This data element is reported for four non-admitted patient categories: individual emergency and outpatient, group emergency and outpatient, individual outreach and community and group outreach and community. The data coverage is summarised in Table 4.5

None of the categories had complete coverage, although the individual emergency category had reasonable coverage. Four states reported *individual emergency occasions of service*, two states reported *group emergency occasions of service*, one state reported *individual outreach occasions of service* and zero states reported *group outreach occasions of service*.

For this data element only, in Table 4.5 'no' indicates zero reported for all establishments, rather than not reported at all.

**Table 4.5: Coverage for Type of non-admitted patient care (public psychiatric, alcohol & drug), by category and by jurisdiction.**

State (number of establishments)	NAP individual emergency & outpatient		NAP group emergency & outpatient		NAP individual outreach & community		NAP group outreach & community	
	Yes	No	Yes	No	Yes	No	Yes	No
NSW (11)	Yes		Yes		Yes			No
Vic (1)	Yes			No		No		No
Qld (4)	Yes			No		No		No
WA (2)	Yes		Yes			No		No
SA (1)		No		No		No		No
Tas (3)		No		No		No		No
ACT (0)	..		..		..		..	
NT (0)	..		..		..		..	

.. Not applicable

## Was mapping required from state and territory data sets?

No.

## Data element name: Group sessions

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000210</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute hospitals only. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Public psychiatric and alcohol and drug hospitals are not included.		<b>Version number: 1</b>
<b>Definition:</b> The number of groups of patients/clients receiving services. Each group is to count once, irrespective of size or the number of staff providing services.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes			No
Vic	Yes		Yes			No
Qld	Yes		Yes			No
WA	Yes		Yes			No
SA	Yes		Yes			No
Tas	Yes		Yes			No
ACT	Yes		Yes			No
NT	Yes		Yes			No

### Details of use of non-standard NHDD definition and domain values:

NHDD definition and domain values used by all reporting jurisdictions.

### Does the data supplied cover all establishments?

Non-admitted patient group occasions of service are collected for 14 categories, the same 14 categories that are collected for non-admitted patient individual occasions of service (under *Type of non-admitted patient care*).

Data for the following categories was provided by three, four or five states and territories:

- community health
- district nursing
- other medical/surgical/diagnostic
- other outreach
- mental health
- allied health.

Only New South Wales provided data for *Group sessions* for the following categories:

- dialysis
- pathology
- drug and alcohol
- dental
- pharmacy.

No states or territories provided data for *Group sessions* for the following categories:

- emergency
- radiology
- endoscopy.

It is quite likely that for many of these categories where data is reported as 'zero', that in fact there were no occasions of service. Compliance may actually be better than it appears from Table 4.6. State by state analysis is shown in Table 4.6. New South Wales reported data for 11 out of 14 *Group sessions* categories, although numbers in some categories were very small. South Australia, Australian Capital Territory, Queensland and Western Australia each reported data for between four and six categories. Victoria supplied total *Group sessions* data but did not divide it into individual categories. Tasmania and Northern Territory did not report *Group sessions* data for any category.

### **Was mapping required from state and territory data sets?**

No.

Table 4.6: Group sessions categories coverage by state and territory, 2003-04

Group sessions	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total S/T reporting
Other outreach	✓		✓	✓	✓		✓		5
Allied health	✓		✓	✓	✓		✓		5
Mental health	✓		✓	✓(a)	✓(a)		✓		5
Other medical/surgical/diagnostic	✓		✓		✓		✓		4
Community health	✓		✓	✓					3
District nursing	✓		✓	✓					3
Dialysis	✓(a)								1
Pathology	✓(a)								1
Drug and alcohol	✓(a)								1
Dental	✓(a)								1
Pharmacy.	✓(a)								1
Emergency									0
Radiology									0
Endoscopy									0
<b>Total Group Sessions</b>	✓	✓	✓	✓	✓		✓		

✓ Data reported

✓(a) Data reported for a few establishments only.

## Data element name: Number of available beds for admitted patients

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000255</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 2</b>
<b>Definition:</b> An available bed is a bed which is immediately available to be used by an admitted patient or resident if required. A bed is immediately available for use if it is located in a suitable place for care with nursing and auxiliary staff available within a reasonable period. Inclusions: both occupied and unoccupied beds are included. Exclusions: surgical tables, recovery trolleys, delivery beds, cots for normal neonates, emergency stretchers/beds not normally authorised or funded and beds designated for same-day non-admitted patient care are excluded. Beds in wards which were closed for any reason (except weekend closures for beds/wards staffed and available on weekdays only) are also excluded.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW		No	Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

New South Wales includes cots for normal neonates in its count of *Number of available beds for admitted patients*.

**Does the data supplied cover all establishments?**

*Number of available beds for admitted patients* was supplied for all jurisdictions.

**Was mapping required from state and territory data sets?**

No.

## Data element name: Teaching status

<b>Evaluation NMDS:</b> Public Hospital Establishments	<b>Other NMDS:</b>	<b>Collection year: 2003–04</b>
		<b>Knowledgebase ID: 000322</b>
		<b>NHDD Version 12</b>
<b>Scope:</b> Establishment-level data for public acute and psychiatric hospitals, including alcohol and drug treatment centres. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included. Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not included.		<b>Version number: 1</b>
<b>Definition:</b> An indicator (yes/no) to identify the non-direct patient care activity of teaching for a particular establishment. This is where teaching (associated with a university) is a major program activity of the establishment. It is primarily intended to relate to teaching hospitals affiliated with universities providing undergraduate medical education as advised by the relevant State health authority.		

### Use of National Standard definition, domain values and NMDS scope:

State	NHDD definition used?		NHDD domain values used?		Provided for all establishments?	
NSW	Yes		Yes		Yes	
Vic	Yes		Yes		Yes	
Qld	Yes		Yes		Yes	
WA	Yes		Yes		Yes	
SA	Yes		Yes		Yes	
Tas	Yes		Yes		Yes	
ACT	Yes		Yes		Yes	
NT	Yes		Yes		Yes	

### Details of use of non-standard NHDD definition and domain values:

Not applicable, NHDD definition and domain values used by all jurisdictions.

### Does the data supplied cover all establishments?

All states and territories reported *Teaching status* for establishments.

### Was mapping required from state and territory data sets?

No.