

# Introduction

The *National health data dictionary* was first published as the *National minimum data set – Institutional health care* in September 1989. In March 1993 the *National health data dictionary – Institutional health care (Version 2.0)* was published. Since the establishment of the first National Health Information Agreement in June 1993, there have been many changes in the development and management of national health information. This has resulted in the expansion of both the scope and content of the subsequent versions of the *National health data dictionary*. The National Health Information Agreement was most recently renewed in 2004 for a further 5 year term.

Under the National Health Information Agreement, the *National health data dictionary* (referred to as 'the NHDD' in this publication) is the authoritative source of health data definitions used in Australia where national consistency is required.

The NHDD is designed to improve the comparability of data across the health field. It is also designed to make data collection activities more efficient by reducing duplication of effort in the field, and more effective by ensuring that information collected is appropriate to its purpose.

The objectives of the NHDD are to:

- establish a core set of uniform definitions relating to the full range of health services and a range of population variables (including health status and determinants)
- promote uniformity, availability, reliability, validity, consistency and completeness in the data collected
- accord with nationally and internationally agreed protocols and standards, wherever possible
- promote the national standard definitions by being readily available to all individuals and organisations involved in the generation, use and/or development of health and health services information
- facilitate and promote the development of integrated national data standards across all sectors, paying particular attention to core sociodemographic and economic data standards.

The Health Data Standards Committee is responsible for coordinating the development and revision of the *National health data dictionary*.

## The Health Data Standards Committee

The Health Data Standards Committee is a standing committee of the National Health Information Group (NHIG) – a body established under the National Health Information Agreement to oversee implementation of the Agreement. All data standards to be included in the NHDD must be endorsed by the NHIG.

The main role of the Health Data Standards Committee is to assess data standards proposed for inclusion in the NHDD and to make recommendations to the NHIG on revisions and additions to each successive version of these data standards. In particular, the committee's role is to ensure that the definitions in the NHDD comply with endorsed existing data

standards and that all data standards being considered for the NHDD have undergone sufficient national consultation with recognised experts and stakeholders in the relevant field.

The rules applied to each data standard are designed to ensure that each definition is clear, concise and comprehensive, and provides sufficient information to ensure that all those who collect, provide, analyse and use the data have a common understand of its meaning.

The National Health Data Committee comprises representatives of:

- the Australian Government Department of Health and Ageing
- each state and territory government health authority
- the Australian Institute of Health and Welfare
- the Australian Bureau of Statistics
- the Australian Private Hospitals' Association
- the private health insurance industry
- the Australian Government Department of Veterans' Affairs
- the National Centre for Classification in Health
- the Health Insurance Commission
- Standards Australia IT-14 Health Informatics Committee
- the Consumer's Health Forum, Australia.

A clinician provides clinical input to the decisions of the committee. The NHIG appoints the Chair of the Health Data Standards Committee. A list of committee members with their contact details is provided in the section 'Health Data Standards Committee Membership'.

The Health Data Standards Committee does not normally develop data standards directly. Rather, it provides a channel through which data standards emerging from nationally focused data development work can be documented and endorsed by the NHIG for implementation in national data collections and made more widely available to stakeholders in the national health information arena. The range and relevance of the data standards included in the NHDD depend to a significant extent on the material submitted to the National Health Data Committee by the expert working groups that are actively developing data collections in the health field.

More information about the Health Data Standards Committee and its processes is available from the Secretariat (see the address at the end of this section) or through the committee's page on the AIHW web site which can be accessed through the following Internet page:

< [www.aihw.gov.au/committees/hdsc/index.cfm](http://www.aihw.gov.au/committees/hdsc/index.cfm) >

## **METeOR**

METeOR is the Australian Institute of Health and Welfare's online metadata registry.<sup>1</sup>

METeOR is based on the 2003 version of ISO/IEC 11179, entitled *Information Technology – Metadata Registries (MDR)*. This standard was applied to provide a detailed registry architecture in which data standards can be better defined, navigated and managed throughout the data development life cycle.

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<sup>1</sup> The previous electronic registry was called the Knowledgebase.

METeOR includes the following tools:

- data search and browse tools allowing navigation of data standards at varying levels of development and across the health, community services and housing assistance sectors
- data view, collation and download tools
- data development tools including areas in which multiple data developers may collaborate on the development of data standards
- tools which enable data developers to submit draft data standards for consideration as a national standards
- tools to manage the registration status of data standards under the authority of one or more registration authorities
- comprehensive guidelines for metadata development and review.

As Australia's online metadata registry of national health data standards, METeOR provides Internet-based access to the data standards currently endorsed by NHIG, as well as to the data standards that are still being developed or are no longer current.

METeOR also contains data standards endorsed for national use by endorsement bodies equivalent to NHIG in the community services and housing assistance sectors: the National Community Services Information Management Group (NCSIMG) and the National Housing Data Agreement Management Group (NHDAMG).

METeOR is an Internet-based application accessible through the below Internet address.

To view the national health data standards endorsed by NHIG, go to:

[meteor.aihw.gov.au](http://meteor.aihw.gov.au)

Most available web browser software lets you drop the 'http:/' from the front end of the URL.

Click **Find metadata** on the top navigation bar.

Select the **Health** 'registration authority' and press **Search**.

## Differences between the *National health data dictionary* and METeOR

All data definitions that are included in this latest version of the *National health data dictionary* as well as previous versions of the NHDD are available on METeOR. The main differences between data standards in this version of the NHDD and METeOR are:

- METeOR is more up to date: it reflects the most recent committee decisions, whereas the NHDD contains the decisions of the NHIG as at 1 April 2006.
- METeOR contains all current, past and proposed data standards, whereas the NHDD contains only current standards as at 1 April 2006.
- METeOR permits data standards to be browsed by name or searched on a number of criteria, whereas the data collections included in the NHDD are ordered alphabetically.
- Although the format of both the NHDD and METeOR are based on ISO/IEC 11179, the NHDD presents metadata in a format that is less technical than what can be found in METeOR. The NHDD version is shorter and more user-friendly.

## **Feedback**

Please feel free to contact the AIHW by any of the means listed below.

## **National Data Development and Standards Unit**

For further information about the *National health data dictionary* and for any comments and suggestions about national standards development processes, please contact the National Data Development and Standards Unit at the Australian Institute of Health and Welfare.

Contact: Data Development Hotline

Phone: (02) 6244 1222

## **Secretariat**

For further information about the Health Data Standards Committee and its processes, please look up the committee's page on the AIHW web site ([www.aihw.gov.au/committees/hdsc/index.cfm](http://www.aihw.gov.au/committees/hdsc/index.cfm)) or contact the Health Data Standards Committee Secretariat.

e-mail: HDSCsec@aihw.gov.au

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c/- Australian Institute of Health & Welfare  
GPO Box 570  
Canberra ACT 2601

# **The *National health data dictionary***

## **Version 13**

### **Format**

The publication format for Version 13 differs from the previous version of the NHDD in that:

- This is the first published version of the NHDD presenting data elements based on the metadata format outlined in the 2nd edition (2003) of ISO/IEC 11179.
- All data elements that existed in Version 12 and Version 12 Supplement of the NHDD have been re-engineered into the new data standard format.
- All new data elements are also described using this new format. An overview of the new data standard format is explained in the 'Metadata standards' section.
- This publication is presented as a single volume, paper-based book and a CD-ROM that contains the data elements and supporting data standards endorsed by the NHIG as at 1 April 2006.
- Supporting data standards including object class, property and classification scheme, as well as a glossary are included.
- Each data element in the NHDD is presented with its associated data element concept and value domain.
- Information about data elements specific to particular data set specifications can now be found in the attribute 'Implementation in data set specifications'. Previously data set specific information was interspersed throughout various data element attributes.

### **Changes in Version 13**

Version 13 contains the following changes:

- the addition of two new non-mandatory Data Set Specifications (DSSs): Computer Assisted Telephone Interview (CATI) demographic module DSS, and Health Care Provider Identification DSS.
- the addition of two new mandatory data set specifications or NMDSs: Mental Health Establishments NMDS and Outpatient Care NMDS
- the modification of five Data Set Specifications: Community mental health care NMDS, Non-Admitted Patient Emergency Department Care NMDS, Perinatal NMDS, Residential Mental Health Care NMDS and Health Care Client Identification DSS.
- the addition of 105 new data elements
- the modification of 69 data elements
- the retirement of three obsolete metadata items

These modifications have been endorsed by the NHIG.

The full version of the NHDD and individual DSSs are also available from the AIHW web site at [www.aihw.gov.au/publications/index.cfm](http://www.aihw.gov.au/publications/index.cfm) .

## Summary of changes

The tables below identify the data set specifications and the data elements that are new to this edition of the NHDD or that have undergone change in content since the last version of the NHDD (Version 12 Supplement).

All existing data set specifications and data elements have undergone some change as a result of the new metadata format based on ISO/IEC 11179:2003. These items have not been specifically identified as having undergone a change.

Any metadata newly endorsed or modified before the METeOR launch in May 2005 have been assigned the default registration status date (date of endorsement as a national standard) of 1 March 2005. All others have the date on which they were endorsed by the NHIG. All the data set specifications and data elements that were previously available in the Knowledgebase have hyperlinks, in METeOR only, to the archived Knowledgebase versions.

### Data set specifications

The data set specifications in Table 1 have been endorsed by the NHIG as new national standards. The Mental Health Establishments NMDS and the Outpatient Care NMDS have been agreed on for mandatory collection and reporting at a national level. The Computer Assisted Telephone Interview (CATI) demographic module DSS and the Health Care Provider Identification DSS are recommended (but are not mandatory) for national collection.

**Table 1: New data set specifications and the date of NHIG endorsement as national standards**

| <b>Data set specification name</b>                                  | <b>Date of endorsement</b> |
|---|----------------------------|
| Computer Assisted Telephone Interview (CATI) demographic module DSS | 04/05/2005                 |
| Health Care Provider Identification DSS                             | 04/05/2005                 |
| Mental Health Establishments NMDS                                   | 07/12/2005                 |
| Outpatient Care NMDS  | 04/05/2005                 |

The data set specifications in Table 2 have been modified since the Version 12 Supplement. The Community Mental Health Care NMDS, the Non-Admitted Patient Emergency Department Care NMDS, the Perinatal NMDS and the Residential Mental Health Care NMDS have been agreed on for mandatory collection and reporting at a national level. The Health Care Client Identification DSS is recommended for national collection.

**Table 2: Modified data set specifications and the date of NHIG endorsement as national standards**

| <b>Data set specification name</b>                  | <b>Date of endorsement</b> |
|---|----------------------------|
| Community Mental Health Care NMDS                   | 08/12/2004                 |
| Health Care Client Identification DSS               | 04/05/2005                 |
| Non-Admitted Patient Emergency Department Care NMDS | 07/12/2005                 |
| Perinatal NMDS                                      | 07/12/2005                 |
| Residential Mental Health Care NMDS                 | 01/03/2005                 |

## New data elements

The following data elements have been endorsed by the NHIG as national standards since the last version of the NHDD (Version 12 Supplement).

**Table 3: New data elements in commonly used name order**

| Commonly used name  | Technical name  | Date of approval |
|---|---|------------------|
| Accommodation services grants to non-government organisations               | Specialised mental health service organisation—accommodation services grants to non-government organisations, total Australian currency N[N(8)] | 8/12/2004        |
| Accrued mental health care days   | Establishment—accrued mental health care days, total N[N(7)]  | 8/12/2004        |
| Address line (service provider organisation)                                | Service provider organisation (address)—address line, text [X(180)]   | 4/05/2005        |
| Address type (service provider organisation)                                | Service provider organisation (address)—address type, code N  | 4/05/2005        |
| Address—country identifier (person)   | Person (address)—country identifier, code (SACC 1998) NNNN  | 4/05/2005        |
| Address—country identifier (service provider organisation)                  | Service provider organisation (address)—country identifier, code (SACC 1998) NNNN   | 4/05/2005        |
| Advocacy services grants to non-government organisations                    | Specialised mental health service organisation—advocacy services grants to non-government organisations, total Australian currency N[N(8)]      | 8/12/2004        |
| Age   | Person—age, total years N[NN]   | 4/05/2005        |
| Age range   | Person—age range, code NN   | 4/05/2005        |
| Australian state/territory identifier (service provider organisation)       | Service provider organisation—Australian state/territory identifier, code N   | 4/05/2005        |
| Building/complex sub-unit type—abbreviation (service provider organisation) | Service provider organisation (address)—building/complex sub-unit type, code A[AAA]   | 4/05/2005        |
| Building/property name (service provider organisation)                      | Service provider organisation (address)—building/property name, text [X(30)]  | 4/05/2005        |
| Carer participation arrangements—regular discussion groups                  | Specialised mental health service organisation—carer participation arrangements status (regular discussion groups), code N                      | 8/12/2004        |
| Carer participation arrangements—carer consultants employed                 | Specialised mental health service organisation—carer participation arrangements status (carer consultants employed), code N                     | 8/12/2004        |
| Carer participation arrangements—carer satisfaction surveys                 | Specialised mental health service organisation—carer participation arrangements status (carer satisfaction surveys), code N                     | 8/12/2004        |
| Carer participation arrangements—formal complaints mechanism                | Specialised mental health service organisation—carer participation arrangements status (formal complaints mechanism), code N                    | 8/12/2004        |

(continued)

**Table 3: New data elements in commonly used name order**

| <b>Commonly used name</b>  | <b>Technical name</b>   | <b>Date of approval</b> |
|--|---|-------------------------|
| Carer participation arrangements—formal participation policy                         | Specialised mental health service organisation—carer participation arrangements status (formal participation policy), code N  | 8/12/2004               |
| Co-location status of mental health service  | Specialised mental health service—co-location with acute care hospital, code N  | 8/12/2004               |
| Community awareness/health promotion services grants to non-government organisations | Specialised mental health service organisation—community awareness/health promotion services grants to non-government organisations (financial year), total Australian currency N[N(8)] | 8/12/2004               |
| Consumer participation arrangements—consumer consultants employed                    | Specialised mental health service organisation—consumer participation arrangements (consumer consultants employed), code N  | 8/12/2004               |
| Consumer participation arrangements—consumer satisfaction surveys                    | Specialised mental health service organisation—consumer participation arrangements (consumer satisfaction surveys), code N  | 8/12/2004               |
| Consumer participation arrangements—formal complaints mechanism                      | Specialised mental health service organisation—consumer participation arrangements (formal complaints mechanism), code N  | 8/12/2004               |
| Consumer participation arrangements—formal participation policy                      | Specialised mental health service organisation—consumer participation arrangements (formal participation policy), code N  | 8/12/2004               |
| Consumer participation arrangements—regular discussion groups                        | Specialised mental health service organisation—consumer participation arrangements (regular discussion groups), code N  | 8/12/2004               |
| Date accuracy indicator  | Date—accuracy indicator, code AAA   | 4/05/2005               |
| Electronic communication address (person)  | Person (address)—electronic communication address, text [X(250)]  | 4/05/2005               |
| Electronic communication address (service provider organisation)                     | Service provider organisation (address)—electronic communication address, text [X(250)]   | 4/05/2005               |
| Electronic communication medium (person)   | Person (address)—electronic communication medium, code N  | 4/05/2005               |
| Electronic communication medium (service provider organisation)                      | Service provider organisation (address)—electronic communication medium, code N   | 4/05/2005               |
| Electronic communication usage code (person)   | Person (address)—electronic communication usage, code N   | 4/05/2005               |
| Emergency department date of commencement of service event                           | Non-admitted patient emergency department service episode—service commencement date, DDMMYYYY   | 7/12/2005               |

*(continued)*

**Table 3: New data elements in commonly used name order**

| <b>Commonly used name</b>   | <b>Technical name</b>  | <b>Date of approval</b> |
|---|--|-------------------------|
| Emergency department departure date                                     | Emergency department stay—physical departure date, DDMMYYYY  | 24/03/2006              |
| Emergency department departure time                                     | Emergency department stay—physical departure time, hhmm  | 24/03/2006              |
| Emergency department episode end date                                   | Non-admitted patient emergency department service episode—episode end date, DDMMYYYY                             | 24/03/2006              |
| Emergency department episode end time                                   | Non-admitted patient emergency department service episode—episode end time, hhmm                                 | 24/03/2006              |
| Emergency department time of commencement of service event              | Non-admitted patient emergency department service episode—service commencement time, hhmm                        | 7/12/2005               |
| Floor/level number (service provider organisation)                      | Service provider organisation (address)—floor/level identifier, [NNNA]   | 4/05/2005               |
| Floor/level type (service provider organisation)                        | Service provider organisation (address)—floor/level type, code A[A]  | 4/05/2005               |
| Full-time equivalent staff (carer consultants)                          | Establishment—full-time equivalent staff (paid) (carer consultants), average N[NNN{.N}]                          | 7/12/2005               |
| Full-time equivalent staff (consultant psychiatrists and psychiatrists) | Establishment—full-time equivalent staff (paid) (consultant psychiatrists and psychiatrists), average N[NNN{.N}] | 7/12/2005               |
| Full-time equivalent staff (consumer consultants)                       | Establishment—full-time equivalent staff (paid) (consumer consultants), average N[NNN{.N}]                       | 7/12/2005               |
| Full-time equivalent staff (occupational therapists)                    | Establishment—full-time equivalent staff (paid) (occupational therapists), average N[NNN{.N}]                    | 7/12/2005               |
| Full-time equivalent staff (other diagnostic and health professionals)  | Establishment—full-time equivalent staff (paid) (other diagnostic and health professionals), average N[NNN{.N}]  | 7/12/2005               |
| Full-time equivalent staff (other medical officers)                     | Establishment—full-time equivalent staff (paid) (other medical officers), average N[NNN{.N}]                     | 7/12/2005               |
| Full-time equivalent staff (psychiatry registrars and trainees)         | Establishment—full-time equivalent staff (paid) (psychiatry registrars and trainees), average N[NNN{.N}]         | 7/12/2005               |
| Full-time equivalent staff (psychologists)                              | Establishment—full-time equivalent staff (paid) (psychologists), average N[NNN{.N}]                              | 7/12/2005               |
| Full-time equivalent staff (social workers)                             | Establishment—full-time equivalent staff (paid) (social workers), average N[NNN{.N}]                             | 7/12/2005               |
| Given name sequence number  | Person (name)—given name sequence number, code N   | 4/05/2005               |
| House/property number (service provider organisation)                   | Service provider organisation (address)—house/property identifier, text [X(12)]                                  | 4/05/2005               |
| Household annual gross income range                                     | Household—gross income (annual), dollar range code N   | 4/05/2005               |

*(continued)*

**Table 3: New data elements in commonly used name order**

| <b>Commonly used name</b>   | <b>Technical name</b>   | <b>Date of approval</b> |
|---|---|-------------------------|
| Household annual gross income range (\$10,000 range)                                    | Household—gross income (annual), ten thousand dollar range code N[N]  | 4/05/2005               |
| Independent living skills support services grants to non-government organisations       | Specialised mental health service organisation—-independent living skills support services grants to non-government organisations, total Australian currency N[N(8)]  | 8/12/2004               |
| Lot/section number (service provider organisation)                                      | Service provider organisation (address)—lot/section identifier, N[X(14)]  | 4/05/2005               |
| Mental health service contact duration  | Mental health service contact—service contact duration, total minutes NNN   | 8/12/2004               |
| Mental health service contact—patient/client participation indicator                    | Mental health service contact—patient/client participation indicator, yes/no code N   | 8/12/2004               |
| Mental health service contact—session type  | Mental health service contact—session type, code N  | 8/12/2004               |
| Mental health services grants to non-government organisations by non-health departments | State or Territory Government—mental health services grants to non-government organisations by non-health departments, total Australian currency N[N(8)]              | 7/12/2005               |
| Name suffix sequence number   | Person (name)—name suffix sequence number, code N   | 4/05/2005               |
| Name title sequence number  | Person (name)—name title sequence number, code N  | 4/05/2005               |
| Name type (service provider organisation)   | Service provider organisation (name)—name type, code N  | 4/05/2005               |
| National standards for mental health services review status                             | Specialised mental health service unit—implementation of National standards for mental health services status, code N   | 8/12/2004               |
| Non-Australian state/province (person)  | Person (address)—non-Australian state/province, text [X(40)]  | 4/05/2005               |
| Non-Australian state/province (service provider organisation)                           | Service provider organisation (address)—non-Australian state/province, text [X(40)]   | 4/05/2005               |
| Number of episodes of residential care  | Episode of residential care—number of episodes of residential care, total N[NNN]  | 8/12/2004               |
| Organisation end date   | Service provider organisation—organisation end date, DDMMYYYY   | 4/05/2005               |
| Organisation name   | Service provider organisation (name)—organisation name, text [X(200)]   | 4/05/2005               |
| Organisation start date   | Service provider organisation—organisation start date, DDMMYYYY   | 4/05/2005               |
| Other and unspecified mental health services grants to non-government organisations     | Specialised mental health service organisation—other and unspecified mental health services grants to non-government organisations, total Australian currency N[N(8)] | 8/12/2004               |

*(continued)*

**Table 3: New data elements in commonly used name order**

| <b>Commonly used name</b>  | <b>Technical name</b>  | <b>Date of approval</b> |
|--|--|-------------------------|
| Outpatient clinic type   | Establishment—outpatient clinic type, code N[N]  | 4/05/2005               |
| Postal delivery point identifier (service provider organisation)                       | Service provider organisation (address)—postal delivery point identifier, {N(8)}   | 4/05/2005               |
| Postcode—Australian (service provider organisation)                                    | Service provider organisation (address)—Australian postcode, code (Postcode datafile) {NNNN}   | 4/05/2005               |
| Postcode—international (person)  | Person (address)—international postcode, text [X(10)]  | 4/05/2005               |
| Postcode—international (service provider organisation)                                 | Service provider organisation (address)—international postcode, text [X(10)]   | 4/05/2005               |
| Pre-vocational training services grants to non-government organisations                | Specialised mental health service organisation—pre-vocational training services grants for non-government organisations, total Australian currency N[N(8)] | 8/12/2004               |
| Provider occupation category (self-identified)   | Individual service provider—occupation (self-identified), code (ASCO 2nd edn) N[NNN]{-NN}  | 4/05/2005               |
| Provider occupation end date   | Individual service provider—occupation end date, DDMMYYYY  | 4/05/2005               |
| Provider occupation start date   | Individual service provider—occupation start date, DDMMYYYY  | 4/05/2005               |
| Psychosocial support services grants to non-government organisations                   | Specialised mental health service organisation—psychosocial support services grants for non-government organisations, total Australian currency N[N(8)]    | 8/12/2004               |
| Recreation services grants to non-government organisations                             | Specialised mental health service organisation—recreation services grants to non-government organisations, total Australian currency N[N(8)]               | 8/12/2004               |
| Referral destination to further care (from specialised mental health residential care) | Episode of residential care (mental health care)—referral destination, code N  | 8/12/2004               |
| Residual expenditure (mental health)—academic positions                                | Specialised mental health service—residual expenditure (mental health research), total Australian currency N[N(8)]   | 8/12/2004               |
| Residual expenditure (mental health)—education and training                            | Specialised mental health service—residual expenditure (academic positions), total Australian currency N[N(8)]   | 8/12/2004               |
| Residual expenditure (mental health)—insurance   | Specialised mental health service—residual expenditure (education and training), total Australian currency N[N(8)]   | 8/12/2004               |
| Residual expenditure (mental health)—mental health promotion                           | Specialised mental health service—residual expenditure (insurance), total Australian currency N[N(8)]  | 8/12/2004               |

*(continued)*

**Table 3: New data elements in commonly used name order**

| <b>Commonly used name</b>  | <b>Technical name</b>   | <b>Date of approval</b> |
|--|---|-------------------------|
| Residual expenditure (mental health)—mental health research                      | Specialised mental health service—residual expenditure (mental health promotion), total Australian currency N[N(8)]   | 8/12/2004               |
| Residual expenditure (mental health)—other indirect expenditure                  | Specialised mental health service—residual expenditure (other indirect expenditure), total Australian currency N[N(8)]                                      | 8/12/2004               |
| Residual expenditure (mental health)—patient transport services                  | Specialised mental health service—residual expenditure (patient transport services), total Australian currency N[N(8)]                                      | 8/12/2004               |
| Residual expenditure (mental health)—program administration                      | Specialised mental health service—residual expenditure (program administration), total Australian currency N[N(8)]  | 8/12/2004               |
| Residual expenditure (mental health)—property leasing costs                      | Specialised mental health service—residual expenditure (property leasing costs), total Australian currency N[N(8)]  | 8/12/2004               |
| Residual expenditure (mental health)—superannuation                              | Specialised mental health service—residual expenditure (superannuation), total Australian currency N[N(8)]  | 8/12/2004               |
| Residual expenditure (mental health)—support services                            | Specialised mental health service—residual expenditure (support services), total Australian currency N[N(8)]  | 8/12/2004               |
| Residual expenditure (mental health)—workers compensation                        | Specialised mental health service—residual expenditure (workers compensation), total Australian currency N[N(8)]  | 8/12/2004               |
| Respite services grants to non-government organisations                          | Specialised mental health service organisation—respite services grants to non-government organisations, total Australian currency N[N(8)]                   | 8/12/2004               |
| Self-help support groups services grants for non-government organisations        | Specialised mental health service organisation—self-help support groups services grants for non-government organisations, total Australian currency N[N(8)] | 8/12/2004               |
| Specialised mental health service consumer committee representation arrangements | Specialised mental health service organisation—consumer committee representation arrangements, code N   | 8/12/2004               |
| Specialised mental health service—hours staffed                                  | Specialised mental health service—number of hours staffed, average hours NN   | 8/12/2004               |
| Specialised mental health service—program type                                   | Specialised mental health service—admitted patient care program type, code N  | 8/12/2004               |
| Specialised mental health service—setting  | Specialised mental health service—service setting, code N   | 8/12/2004               |
| Specialised mental health service—supported public housing places                | Specialised mental health service—number of supported public housing places, total N[N(5)]  | 8/12/2004               |

*(continued)*

**Table 3: New data elements in commonly used name order**

| <b>Commonly used name</b>                                 | <b>Technical name</b>   | <b>Date of approval</b> |
|---|---|-------------------------|
| Specialised mental health service—target population       | Specialised mental health service—target population group, code N               | 8/12/2004               |
| Street name (service provider organisation)               | Service provider organisation (address)—street name, text [A(30)]               | 4/05/2005               |
| Street suffix code (service provider organisation)        | Service provider organisation (address)—street suffix, code A[A]                | 4/05/2005               |
| Street type code (service provider organisation)          | Service provider organisation (address)—street type, code A[AAA]                | 4/05/2005               |
| Suburb/town/locality name (service provider organisation) | Service provider organisation (address)—suburb/town/locality name, text [A(50)] | 4/05/2005               |
| Year of arrival in Australia                              | Person (overseas born)—year of first arrival in Australia, date YYYY            | 4/05/2005               |

## Modified data elements

The data elements in Table 4 have undergone content change since the publication of the Version 12 Supplement. Data elements which replace outdated data elements are identified by the 'Supersedes' relationship documented in the attribute 'Related metadata references'. Comparisons between two data elements can be viewed by clicking on the 'Compare items' hyperlink within METeOR. Comparisons between different versions of the same data element can be viewed within METeOR by clicking on the 'Compare versions' hyperlink.

In previous versions of the NHDD, some data elements were published as a single data element but resulted in a number of discrete pieces of data based on a table within the 'Guide for use'. For example, the version 12 data element **Salaries and wages** required the collection of the expenditure for each of the following groups; salaried medical officers, registered nurses, enrolled nurses, student nurses, trainee/pupil nurses, other personal care staff, diagnostic and health professionals, administrative and clerical staff, and domestic and other staff in the one data element. Other similar data elements are **Capital expenditure**, **Capital expenditure – gross (accrual accounting)**, **Capital expenditure – net (accrual accounting)** and **Indirect health care expenditure**. The Version 12 data element **Occasions of service** is also similar but goes a little further in its modification. It has been modified based on two themes: group session occasions of service and individual session occasions of service for each functional unit of an establishment. In Version 12 these units were not enumerated.

In METeOR each of these pieces of data has been made into a discrete data element, such as **Recurrent expenditure – salaries and wages (registered nurses)**. These are not considered as having undergone any change. However, where additions have been made to the existing categories, these have been classed as modifications and appear in Table 4.

**Table 4: Modified data elements in commonly used name order**

| Commonly used name  | Technical name   | Date of approval |
|---|--|------------------|
| Activity when injured                                       | Injury event—activity type, code (ICD-10-AM 5th edn) ANNNN                             | 7/12/2005        |
| Additional diagnosis  | Episode of care—additional diagnosis, code (ICD-10-AM 5th edn) ANN{.N[N]}              | 7/12/2005        |
| Address line (person)                                       | Person (address)—address line, text [X(180)]   | 4/05/2005        |
| Address type (person)                                       | Person (address)—address type, code N  | 4/05/2005        |
| Anaesthesia administered for operative delivery of the baby | Birth event—anaesthesia administered, code N   | 7/12/2005        |
| Analgesia administered for labour                           | Birth event—analgesia administered, code N   | 7/12/2005        |
| Apgar score at 1 minute                                     | Birth—Apgar score (at 1 minute), code NN   | 7/12/2005        |
| Apgar score at 5 minutes                                    | Birth—Apgar score (at 5 minutes), code NN  | 7/12/2005        |
| Area of usual residence                                     | Person—area of usual residence, geographical location code (ASGC 2005) NNNNN           | 21/03/2006       |
| Australian state/territory identifier                       | Person—Australian state/territory identifier, code N                                   | 4/05/2005        |
| Cancer treatment—target site (ICD-10-AM)                    | Cancer treatment—target site for cancer treatment, code (ICD-10-AM 5th edn) ANN{.N[N]} | 7/12/2005        |

(continued)

**Table 4: Modified data elements in commonly used name order**

| <b>Commonly used name</b>                                   | <b>Technical name</b>  | <b>Date of approval</b> |
|---|--|-------------------------|
| Complication of labour and delivery                         | Birth event—complication, code (ICD-10-AM 5th edn) ANN{.N[N]}                        | 7/12/2005               |
| Complications of pregnancy                                  | Pregnancy (current)—complication, code (ICD-10-AM 5th edn) ANN{.N[N]}                | 7/12/2005               |
| Congenital malformations                                    | Person—congenital malformation, code (ICD-10-AM 5th edn) ANN{.N[N]}                  | 7/12/2005               |
| Date of birth   | Person—date of birth, DDMMYYYY   | 4/05/2005               |
| Date of death   | Person—date of death, DDMMYYYY   | 4/05/2005               |
| Emergency department service episode end status             | Non-admitted patient emergency department service episode—episode end status, code N | 24/03/2006              |
| Establishment sector  | Establishment—sector, code N   | 1/03/2005               |
| External cause (admitted patient)                           | Injury event—external cause, code (ICD-10-AM 5th edn) ANN{.N[N]}                     | 7/12/2005               |
| Family name   | Person (name)—family name, text X[X(39)]   | 4/05/2005               |
| Full-time equivalent staff (mental health establishments)   | Establishment (mental health)—full-time equivalent staff (paid), total N[NNN{.N}]    | 8/12/2004               |
| Geographical location of establishment                      | Establishment—geographical location, code (ASGC 2005) NNNNN                          | 21/03/2006              |
| Geographical location of service delivery outlet            | Service delivery outlet—geographic location, code (ASGC 2005) NNNNN                  | 21/03/2006              |
| Given name(s)   | Person (name)—given name, text [X(40)]   | 4/05/2005               |
| Indicator procedure   | Elective surgery waiting list episode—indicator procedure, code NN                   | 7/12/2005               |
| Indigenous status   | Person—Indigenous status, code N   | 4/05/2005               |
| Individual/group session indicator                          | Service contact—group session status, individual/group session indicator code ANN.N  | 4/05/2005               |
| Interpreter services required                               | Person—interpreter service required, yes/no code N                                   | 8/02/2006               |
| Living arrangement  | Person—living arrangement, health sector code N                                      | 14/06/2005              |
| Main language other than English spoken at home             | Person—main language other than English spoken at home, code (ASCL 2005) NN{NN}      | 8/02/2006               |
| Marital status  | Person—marital status, code N  | 4/05/2005               |
| Maternal medical conditions                                 | Female (pregnant)—maternal medical condition, code (ICD-10-AM 5th edn) ANN{.N[N]}    | 7/12/2005               |
| Name context flag   | Person (name)—name conditional use flag, code N                                      | 4/05/2005               |
| Name title  | Person (name)—name title, text [A(12)]   | 4/05/2005               |
| Neonatal morbidity  | Admitted patient (neonate)—neonatal morbidity, code (ICD-10-AM 5th edn) ANN{.N[N]}   | 7/12/2005               |
| Person identifier   | Person—person identifier, XXXXXX[X(14)]  | 4/05/2005               |
| Place of occurrence of external cause of injury (ICD-10-AM) | Injury event—place of occurrence, code (ICD-10-AM 5th edn) ANN{.N[N]}                | 7/12/2005               |

*(continued)*

**Table 4: Modified data elements in commonly used name order**

| <b>Commonly used name</b>   | <b>Technical name</b>   | <b>Date of approval</b> |
|---|---|-------------------------|
| Postal delivery point identifier (person)   | Person (address)—postal delivery point identifier, {N(8)}   | 4/05/2005               |
| Postcode—Australian (person)  | Person (address)—Australian postcode, code (Postcode datafile) {NNNN}   | 4/05/2005               |
| Postpartum complication   | Birth event—complication (postpartum), code (ICD-10-AM 5th edn) ANN{.N[N]}  | 7/12/2005               |
| Preferred language  | Person—preferred language, code (ASCL 2005) NN{NN}  | 8/02/2006               |
| Primary site of cancer (ICD-10-AM code)   | Person with cancer—primary site of cancer, code (ICD-10-AM 5th edn) ANN{.N[N]}  | 7/12/2005               |
| Principal diagnosis   | Episode of care—principal diagnosis, code (ICD-10-AM 5th edn) ANN{.N[N]}  | 7/12/2005               |
| Procedure   | Episode of admitted patient care—procedure, code (ACHI 5th edn) NNNNN-NN  | 7/12/2005               |
| Quality accreditation/certification standard—Australian Council on Healthcare Standards EQulP                   | Establishment—quality accreditation/certification standard indicator (Australian Council on Healthcare Standards EQulP), code N                           | 12/09/2005              |
| Quality accreditation/certification standard—Australian Quality Council   | Establishment—quality accreditation/certification standard indicator (Australian Quality Council), code N   | 12/09/2005              |
| Quality accreditation/certification standard—International Organisation for Standardisation 9000 quality family | Establishment—quality accreditation/certification standard indicator (International Organisation for Standardisation 9000 quality family), code N         | 12/09/2005              |
| Quality accreditation/certification standard—Quality Improvement Council  | Establishment—quality accreditation/certification standard indicator (Quality Improvement Council), code N  | 12/09/2005              |
| Recurrent expenditure (mental health)—non-salary operating costs  | Establishment (mental health)—recurrent expenditure (non-salary operating costs) (financial year), total Australian currency N[N(8)]                      | 8/12/2004               |
| Recurrent expenditure (mental health)—salaries and wages  | Establishment (mental health)—recurrent expenditure (total salaries and wages) (financial year), total Australian currency N[N(8)]                        | 8/12/2004               |
| Recurrent expenditure (salaries and wages)—carer consultants  | Establishment—recurrent expenditure (salaries and wages) (carer consultants) (financial year), total Australian currency N[N(8)]                          | 8/12/2004               |
| Recurrent expenditure (salaries and wages)—consultant psychiatrists and psychiatrists                           | Establishment—recurrent expenditure (salaries and wages) (consultant psychiatrists and psychiatrists) (financial year), total Australian currency N[N(8)] | 8/12/2004               |
| Recurrent expenditure (salaries and wages)—consumer consultants   | Establishment—recurrent expenditure (salaries and wages) (consumer consultants) (financial year), total Australian currency N[N(8)]                       | 8/12/2004               |
| Recurrent expenditure (salaries and wages)—occupational therapists  | Establishment—recurrent expenditure (salaries and wages) (occupational therapists) (financial year), total Australian currency N[N(8)]                    | 8/12/2004               |
| Recurrent expenditure (salaries and wages)—other diagnostic and health professionals                            | Establishment—recurrent expenditure (salaries and wages) (other diagnostic and health professionals) (financial year), total Australian currency N[N(8)]  | 8/12/2004               |

*(continued)*

**Table 4: Modified data elements in commonly used name order**

| Commonly used name  | Technical name   | Date of approval |
|---|--|------------------|
| Recurrent expenditure (salaries and wages)—other medical officers             | Establishment—recurrent expenditure (salaries and wages) (other medical officers) (financial year), total Australian currency N[N(8)]            | 8/12/2004        |
| Recurrent expenditure (salaries and wages)—psychiatry registrars and trainees | Establishment—recurrent expenditure (salaries and wages) (psychiatry registrars and trainees)(financial year), total Australian currency N[N(8)] | 8/12/2004        |
| Recurrent expenditure (salaries and wages)—psychologists                      | Establishment—recurrent expenditure (salaries and wages) (psychologists) (financial year), total Australian currency N[N(8)]                     | 8/12/2004        |
| Recurrent expenditure (salaries and wages)—social workers                     | Establishment—recurrent expenditure (salaries and wages) (social workers) (financial year), total Australian currency N[N(8)]                    | 8/12/2004        |
| Recurrent expenditure—National Mental Health Strategy funded expenditure      | Establishment—recurrent expenditure (National Mental Health Strategy funded), total Australian currency N[N(8)]                                  | 8/12/2004        |
| Recurrent expenditure—other Commonwealth Government funded expenditure        | Establishment—recurrent expenditure (other Commonwealth Government funded expenditure), total Australian currency N[N(8)]                        | 8/12/2004        |
| Recurrent expenditure—other revenue funded expenditure                        | Establishment—recurrent expenditure (other revenue funded expenditure), total Australian currency N[N(8)]  | 8/12/2004        |
| Recurrent expenditure—other state or territory funded expenditure             | Establishment—recurrent expenditure (other state or territory funded expenditure), total Australian currency N[N(8)]                             | 8/12/2004        |
| Recurrent expenditure—payments to visiting medical officers                   | Establishment—recurrent expenditure (visiting medical officer payments) (financial year), total Australian currency N[N(8)]                      | 8/12/2004        |
| Recurrent expenditure—recoveries funded                                       | Establishment—recurrent expenditure (recoveries funded expenditure), total Australian currency N[N(8)]   | 8/12/2004        |
| Sex   | Person—sex, code N   | 4/05/2005        |
| Suburb/town/locality name (person)  | Person (address)—suburb/town/locality name, text [A(50)]   | 4/05/2005        |
| Surgical treatment procedure for cancer                                       | Cancer treatment—surgical procedure for cancer, procedure code (ACHI 5th edn) NNNNN-NN   | 7/12/2005        |
| Waiting list category   | Elective care waiting list episode—elective care type, code N  | 7/12/2005        |

### Retired metadata items

The following metadata items have been retired. These items were declared obsolete.

| Name  | Metadata type | Date retired |
|---|---------------|--------------|
| Neonate   | Object Class  | 02/05/2005   |
| Person—Australian state/territory identifier, Health care client code N | Data Element  | 01/09/2005   |
| Quality standards accreditation status code N                           | Value Domain  | 15/12/2005   |

