National health data dictionary

Version 13

The Australian Institute of Health and Welfare is Australia's national health and welfare statistics and information agency. The Institute's mission is *better health and wellbeing for Australians through better health and welfare statistics and information.*

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Health Data Standards Committee

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Foreword

The Australian Institute of Health and Welfare (AIHW) is pleased to produce the thirteenth version of the *National health data dictionary* ('the NHDD'), which is a vital tool in the collection and processing of Australian health data.

The NHDD is a national resource which health jurisdictions use to ensure the consistency and comparability of all data collected under the National Health Information Agreement. In this time of change, it is imperative that the health care community continues to standardise the meaning and representation of data used for both clinical purposes and statistical analysis. The use of the NHDD is an important step in this process.

Through the cooperation and consensus of Australia's health sector it is possible to produce a set of core definitions and data elements for use in any Australian health data collection. All Australian health departments, the Australian Bureau of Statistics, the AIHW, the National Centre for Classification in Health, the Department of Veterans' Affairs, the Health Insurance Commission, the Australian Private Hospitals Association, and representatives of the private health insurance industry, consumers and clinicians cooperate in this endeavour.

With the comparability of data collected based on definitions in the NHDD, information collected by jurisdictions throughout Australia can provide meaningful input to community discussion and public policy debate on health issues in Australia. The aim of such discussion is to improve the quality and safety of health care for all Australians.

The format of the data elements in Version 13 of the NHDD is different from that of previous versions. All metadata in this version are based on the 2003 edition (the latest edition) of the international standard ISO/IEC 11179. This edition of the international standard provides a more rigorous approach to the development of data definitions, thereby ensuring greater uniformity and less ambiguity in data definitions. Our implementation of this standard can be found in METeOR, the web-based metadata registry for storing national data standards used by the health, housing and community services sectors. Version 13 of the NHDD presents health data standards in a user-friendly and less technical format than what is available through METeOR.

Thanks are due to Trish Ryan, Meera Rajendran, Robyn Kingham Edwards, Alison Tong Lee, Shubhada Shukla and David Neilsen, AIHW staff who have prepared the material for this edition. Thanks are also due to all members of the Health Data Standards Committee who have overseen its preparation.

I urge all collectors of health-related data in Australia to use the NHDD and so improve the quality of Australian health data.

Penny Allbon

Director

Australian Institute of Health and Welfare

How to use this book and the CD

The number of items in the *National health data dictionary* has grown significantly since the last full version published in 2004 (Version 12 with Supplement). This prohibits its cost-effective publication in hardcopy form. Also, the number of volumes of a hardcopy book would be such that it would be extremely cumbersome to personally carry around.

This thirteenth version of the NHDD contains all of the existing, new and modified nationally endorsed data standards in a new format based on the international standard ISO/IEC 11179 (see section on Metadata standards at the back of the book for more details).

With this in mind, the *National health data dictionary Version 13* consists of a single volume book and a CD-ROM.

The book

The book does not contain individual metadata items.

The book confines itself to:

- a table of contents for metadata items that may be found on the CD-ROM
- information about the governance of data standards in Australia
- a summary of the changes to the NHDD since its last publication
- details of the data collections (mandatory and non-mandatory) that use these standards
- ancillary information about the data standards
- a glossary of terms used in the book and the CD.

The CD-ROM

The CD-ROM contains the same information that is available in the book as well as detailed information about all of the metadata items that have been endorsed as 'Standard' by the National Health Information Group.

To use the CD-ROM:

- Insert the CD into your computer.
- It should automatically open to a start page.
- Click START.

The document is in PDF format.

Pages are searchable using the Adobe functions.

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Glycoprotein IIb/IIIa receptor antagonist therapy (status)	Person—glycoprotein IIb/IIIa receptor antagonist status, code NN	653
Glycosylated haemoglobin level (measured)	Person—glycosylated haemoglobin level (measured), percentage N[N].N	655
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Grants to non-government organisations by non-health departments—mental health services	State or Territory Government—mental health services grants to non-government organisations by non-health departments, total Australian currency N[N(8)]	670
Grants to non-government organisations—accommodation services	Specialised mental health service organisation—accommodation services grants to non-government organisations, total Australian currency N[N(8)]	660
Grants to non-government organisations—advocacy services	Specialised mental health service organisation—advocacy services grants to non-government organisations, total Australian currency N[N(8)]	662
Grants to non-government organisations—community awareness/health promotion services	Specialised mental health service organisation—community awareness/health promotion services grants to non-government	664

Commonly used name	Technical name	CD-ROM page no.
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Grants to non-government organisations—other and unspecified mental health services	Specialised mental health service organisation—other and unspecified mental health services grants to non-government organisations, total Australian currency N[N(8)]	672
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Grants to non-government organisations—psychosocial support services	Specialised mental health service organisation—psychosocial support services grants for non-government organisations, total Australian currency N[N(8)]	677
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Gross capital expenditure (accrual accounting)—equipment	Establishment—gross capital expenditure (accrual accounting) (equipment) (financial year), total Australian currency N[N(8)]	697
Gross capital expenditure (accrual accounting)—information technology	Establishment—gross capital expenditure (accrual accounting) (information technology) (financial year), total Australian currency N[N(8)]	701
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Gross capital expenditure (accrual accounting)—transport	Establishment—gross capital expenditure (accrual accounting) (transport) (financial year), total Australian currency N[N(8)]	711
Gross capital expenditure—computer equipment/installations	Establishment—gross capital expenditure (computer equipment/installations) (financial year), total Australian currency N[N(8)]	713
Gross capital expenditure—intangible assets	Establishment—gross capital expenditure (intangible assets) (financial year), total Australian currency N[N(8)]	715
Gross capital expenditure—land and buildings	Establishment—gross capital expenditure (land and buildings) (financial year), total Australian currency N[N(8)]	717
Gross capital expenditure—major medical equipment	Establishment—gross capital expenditure (major medical equipment) (financial year), total Australian currency N[N(8)]	719
Gross capital expenditure—other	Establishment—gross capital expenditure (other capital expenditure) (financial year), total Australian currency N[N(8)]	721
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Group sessions (public psychiatric, alcohol and drug hospital)—outreach and community	Establishment (public psychiatric or alcohol and drug hospital)—number of group session occasions of service for non-admitted patients (outreach and community), total N[NNNNNN]	769
Group sessions—alcohol and other drug	Establishment—number of group session occasions of service for non-admitted patients (alcohol and drug), total N[NNNNN]	725
Group sessions—allied health services	Establishment—number of group session occasions of service for non-admitted patients (allied health services), total N[NNNNN]	728
Group sessions—community health services	Establishment—number of group session occasions of service for non-admitted patients (community health services), total N[NNNNN]	731

Commonly used name	Technical name	CD-ROM page no.
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Group sessions—dialysis	Establishment—number of group session occasions of service for non-admitted patients (dialysis), total N[NNNNN]	737
Group sessions—district nursing services	Establishment—number of group session occasions of service for non-admitted patients (district nursing services), total N[NNNNN]	740
Group sessions—emergency services	Establishment—number of group session occasions of service for non-admitted patients (emergency services), total N[NNNNN]	743
Group sessions—endoscopy and related procedures	Establishment—number of group session occasions of service for non-admitted patients (endoscopy and related procedures), total N[NNNNN]	746
Group sessions—mental health	Establishment—number of group session occasions of service for non-admitted patients (mental health), total N[NNNNN]	749
Group sessions—other medical/surgical/diagnostic	Establishment—number of group session occasions of service for non-admitted patients (other medical/surgical/diagnostic), total N[NNNNN]	752
Group sessions—other outreach services	Establishment—number of group session occasions of service for non-admitted patients (other outreach services), total N[NNNNN]	755
Group sessions—pathology	Establishment—number of group session occasions of service for non-admitted patients (pathology), total N[NNNNN]	758
Group sessions—pharmacy	Establishment—number of group session occasions of service for non-admitted patients (pharmacy), total N[NNNNN]	761
Group sessions—radiology and organ imaging	Establishment—number of group session occasions of service for non-admitted patients (radiology and organ imaging), total N[NNNNN]	764
Health professionals attended (diabetes mellitus)	Person—health professionals attended for diabetes mellitus (last 12 months), code N	771
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Heart rhythm type	Person—heart rhythm type, code N[N]	776
Height (measured)	Person—height (measured), total centimetres NN[N].N	778
Height (self-reported)	Person—height (self-reported), total centimetres NN[N]	784
Hip circumference (measured)	Person—hip circumference (measured), total centimetres NN[N].N	787
Histopathological grade	Person with cancer—histopathological grade, code N	791

Commonly used name	Technical name	CD-ROM page no.
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Hours worked by health professional	Health professional—hours worked (in all jobs), total NNN	797
Hours worked by medical practitioner in direct patient care	Medical practitioner—hours worked (in direct patient care), total NNN	799
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House/property number (service provider organisation)	Service provider organisation (address)—house/property identifier, text [X(12)]	803
Household annual gross income range	Household—gross income (annual), dollar range code N	805
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Indigenous status	Person—Indigenous status, code N	820
Individual sessions (public psychiatric, alcohol and drug hospital)—emergency and outpatient	Establishment (public psychiatric or alcohol and drug hospital)—number of individual session occasions of service for non-admitted patients (emergency and outpatient), total N[NNNNNN]	866
Individual sessions (public psychiatric, alcohol and drug hospital)—outreach and community	Establishment (public psychiatric or alcohol and drug hospital)—number of individual session occasions of service for non-admitted patients (outreach and community), total N[NNNNNN]	868
Individual sessions—alcohol and drug	Establishment—number of individual session occasions of service for non-admitted patients (alcohol and drug), total N[NNNNNN]	826
Individual sessions—allied health services	Establishment—number of individual session occasions of service for non-admitted patients (allied health services), total N[NNNNNN]	829
Individual sessions—community health services	Establishment—number of individual session occasions of service for non-admitted patients (community health services), total N[NNNNNN]	831
Individual sessions—dental	Establishment—number of individual session occasions of service for non-admitted patients (dental), total N[NNNNNN]	834
Individual sessions—dialysis	Establishment—number of individual session occasions of service for non-admitted patients (dialysis), total N[NNNNNN]	837

Commonly used name	Technical name	CD-ROM page no.
Individual sessions—district nursing services	Establishment—number of individual session occasions of service for non-admitted patients (district nursing services), total N[NNNNNN]	840
Individual sessions—emergency services	Establishment—number of individual session occasions of service for non-admitted patients (emergency services), total N[NNNNNN]	843
Individual sessions—endoscopy and related procedures	Establishment—number of individual session occasions of service for non-admitted patients (endoscopy and related procedures), total N[NNNNNN]	846
Individual sessions—mental health	Establishment—number of individual session occasions of service for non-admitted patients (mental health), total N[NNNNNN]	849
Individual sessions—other medical/surgical/diagnostic	Establishment—number of individual session occasions of service for non-admitted patients (other medical/surgical/diagnostic), total N[NNNNNN]	852
Individual sessions—other outreach services	Establishment—number of individual session occasions of service for non-admitted patients (other outreach services), total N[NNNNNN]	855
Individual sessions—pathology	Establishment—number of individual session occasions of service for non-admitted patients (pathology), total N[NNNNNN]	858
Individual sessions—pharmacy	Establishment—number of individual session occasions of service for non-admitted patients (pharmacy), total N[NNNNNN]	861
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Individual/group session indicator	Service contact—group session status, individual/group session indicator code ANN.N	825
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Initial visit indicator (diabetes mellitus)	Patient—initial visit since diagnosis indicator (diabetes mellitus), code N	875
Injecting drug use status	Client—injecting drug use status, code N	877
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Intended place of birth	Birth event—setting of birth (intended), code N	881
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Leave days from residential care	Episode of residential care—number of leave days, total N[NN]	896
Length of non-admitted patient emergency department service episode	Non-admitted patient emergency department service episode—service episode length, total minutes NNNNN	898
Length of stay	Episode of admitted patient care—length of stay (excluding leave days), total N[NN]	900
Length of stay (antenatal)	Episode of admitted patient care (antenatal)—length of stay (including leave days), total N[NN]	902
Length of stay (including leave days)	Episode of admitted patient care—length of stay (including leave days), total N[NN]	904
Length of stay (postnatal)	Episode of admitted patient care (postnatal)—length of stay (including leave days), total N[NN]	906
Lipid-lowering therapy status	Person—lipid-lowering therapy status, code NN	908
Listing date for care	Elective care waiting list episode—listing date for care, DDMMYYYY	910
Living arrangement	Person—living arrangement, health sector code N	912
Lot/section number (person)	Person (address)—lot/section identifier, N[X(14)]	914
Lot/section number (service provider organisation)	Service provider organisation (address)—lot/section identifier, N[X(14)]	916
Lower limb amputation due to vascular disease	Person—lower limb amputation due to vascular disease, code N	918
Main language other than English spoken at home	Person—main language other than English spoken at home, code (ASCL 2005) NN{NN}	920
Main occupation of person	Person—occupation (main), code (ASCO 2nd edn) N[NNN]{-NN}	923
Main treatment type for alcohol and other drugs	Episode of treatment for alcohol and other drugs—treatment type (main), code N	925
Major diagnostic category	Episode of admitted patient care—major diagnostic category, code (AR-DRG v5.1) NN	928
Marital status	Person—marital status, code N	931
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Medicare card number	Person—government funding identifier, Medicare card number N(11)	937
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Commonly used name	Technical name	CD-ROM page no.
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Mental health service contact duration	Mental health service contact—service contact duration, total minutes NNN	947
Mental health service contact—patient/client participation indicator	Mental health service contact—patient/client participation indicator, yes/no code N	949
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Method of use for principal drug of concern	Client—method of drug use (principal drug of concern), code N	955
Microalbumin level—albumin/creatinine ratio (measured)	Person—microalbumin level (measured), albumin/creatinine ratio N[NN].N	966
Microalbumin level—micrograms per minute (measured)	Person—microalbumin level (measured), total micrograms per minute N[NNN].N	968
Microalbumin level—milligrams per 24 hour (measured)	Person—microalbumin level (measured), total milligrams per 24 hour N[NNN].N	970
Microalbumin level—milligrams per litre (measured)	Person—microalbumin level (measured), total milligrams per litre N[NNN].N	972
Microalbumin—upper limit of normal range (albumin/creatinine ratio)	Laboratory standard—upper limit of normal range for microalbumin, albumin/creatinine ratio N[NN].N	957
Microalbumin—upper limit of normal range (micrograms per minute)	Laboratory standard—upper limit of normal range for microalbumin, total micrograms per minute N[NN].N	960
Microalbumin—upper limit of normal range (milligrams per 24 hour)	Laboratory standard—upper limit of normal range for microalbumin, total milligrams per 24 hour N[NN].N	962
Microalbumin—upper limit of normal range (milligrams per litre)	Laboratory standard—upper limit of normal range for microalbumin, total milligrams per litre N[NN].N	964
Minutes of operating theatre time	Admitted patient hospital stay—operating theatre time, total minutes NNNN	974
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Mode of separation	Episode of admitted patient care—separation mode, code N	978
Morphology of cancer	Person with cancer—morphology of cancer, code (ICDO-3) NNNN/N	980
Most valid basis of diagnosis of cancer	Person with cancer—most valid basis of diagnosis of a cancer, code N	983
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Multi-disciplinary team status	Non-admitted patient service event—multi-disciplinary team status, code N	988
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Name context flag	Person (name)—name conditional use flag, code N	991

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Name suffix sequence number	Person (name)—name suffix sequence number, code N	995
Name title	Person (name)—name title, text [A(12)]	997
Name title sequence number	Person (name)—name title sequence number, code N	999
Name type	Person (name)—name type, code N	1001
Name type (service provider organisation)	Service provider organisation (name)—name type, code N	1004
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Nature of main injury (non-admitted patient)	Injury event—nature of main injury, non-admitted patient code NN{.N}	1011
Neonatal morbidity	Admitted patient (neonate)—neonatal morbidity, code (ICD-10-AM 5th edn) ANN{.N[N]}	1014
Net capital expenditure (accrual accounting)—buildings and building services	Establishment—net capital expenditure (accrual accounting) (buildings and building services) (financial year), total Australian currency N[N(8)]	1015
Net capital expenditure (accrual accounting)—constructions	Establishment—net capital expenditure (accrual accounting) (constructions) (financial year), total Australian currency N[N(8)]	1017
Net capital expenditure (accrual accounting)—equipment	Establishment—net capital expenditure (accrual accounting) (equipment) (financial year), total Australian currency N[N(8)]	1019
Net capital expenditure (accrual accounting)—information technology	Establishment—net capital expenditure (accrual accounting) (information technology) (financial year), total Australian currency N[N(8)]	1021
Net capital expenditure (accrual accounting)—intangible assets	Establishment—net capital expenditure (accrual accounting) (intangible assets) (financial year), total Australian currency N[N(8)]	1023
Net capital expenditure (accrual accounting)—land	Establishment—net capital expenditure (accrual accounting) (land) (financial year), total Australian currency N[N(8)]	1025
Net capital expenditure (accrual accounting)—major medical equipment	Establishment—net capital expenditure (accrual accounting) (major medical equipment) (financial year), total Australian currency N[N(8)]	1027
Net capital expenditure (accrual accounting)—other equipment	Establishment—net capital expenditure (accrual accounting) (other equipment) (financial year), total Australian currency N[N(8)]	1029
Net capital expenditure (accrual accounting)—transport	Establishment—net capital expenditure (accrual accounting) (transport) (financial year), total Australian currency N[N(8)]	1031
New/repeat status	Non-admitted patient service event—	1033

Commonly used name	Technical name	CD-ROM page no.
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Non-Australian state/province (service provider organisation)	Service provider organisation (address)—non-Australian state/province, text [X(40)]	1036
Number of available beds for admitted patients	Establishment—number of available beds for admitted patients/residents, average N[NNN]	1038
Number of contacts—psychiatric outpatient clinic/day program	Patient—number of psychiatric outpatient clinic/day program attendances (financial year), total days N[NN]	1040
Number of days in special/neonatal intensive care	Episode of admitted patient care—length of stay (special/neonatal intensive care), total days N[NN]	1042
Number of days of hospital-in-the-home care	Episode of admitted patient care—number of days of hospital-in-the-home care, total {N[NN]}	1044
Number of episodes of residential care	Episode of residential care—number of episodes of residential care, total N[NNN]	1046
Number of leave periods	Episode of admitted patient care—number of leave periods, total N[N]	1048
Number of qualified days for newborns	Episode of admitted patient care (newborn)—number of qualified days, total N[NNNN]	1050
Number of service contact dates	Person—number of service contact dates, total N[NN]	1052
Number of service contacts within a treatment episode for alcohol and other drug	Episode of treatment for alcohol and other drugs—number of service contacts, total N[NN]	1054
Number of service events (non-admitted patients)	Establishment—number of non-admitted patient service events, total N[NNNNNN]	1056
Nursing diagnosis—other	Episode of care—nursing diagnosis (other), code (NANDA 1997-98) N.N[{.N}{.N}{.N}{.N}]	1058
Nursing diagnosis—principal	Episode of care—nursing diagnosis (principal), code (NANDA 1997-98) N.N[{.N}{.N}{.N}{.N}]	1060
Nursing interventions	Community nursing service episode—nursing intervention, code N	1062
Occasions of service (residential aged care)—outpatient	Establishment (residential aged care service)—number of occasions of service (outpatient), total N[NN]	1066
Occasions of service (residential aged care)—outreach/community	Establishment (residential aged care service)—number of occasions of service (outreach/community), total N[NN]	1068
Oestrogen receptor assay status	Person with cancer—oestrogen receptor assay results, code N	1070
Onset of labour	Birth event—labour onset type, code N	1072
Ophthalmological assessment outcome (left retina)	Person—ophthalmological assessment outcome (left retina) (last 12 months), code N	1074
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Ophthalmoscopy performed indicator	Person—ophthalmoscopy performed indicator (last 12 months), code N	1080

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Organisation name	Service provider organisation (name)—organisation name, text [X(200)]	1084
Organisation start date	Service provider organisation—organisation start date, DDMMYYYY	1086
Other drug of concern	Episode of treatment for alcohol and other drugs—drug of concern (other), code (ASCDC 2000 extended) NNNN	1088
Other treatment type for alcohol and other drugs	Episode of treatment for alcohol and other drugs—treatment type (other), code [N]	1090
Outcome of initial treatment	Cancer treatment—outcome of treatment, code N.N	1092
Outcome of last previous pregnancy	Pregnancy (last previous)—pregnancy outcome, code N	1094
Outpatient clinic type	Establishment—outpatient clinic type, code N[N]	1096
Overdue patient	Elective surgery waiting list episode—overdue patient status, code N	1103
Patient days	Establishment—number of patient days, total N[N(7)]	1105
Patient listing status	Elective surgery waiting list episode—patient listing status, readiness for care code N	1107
Patient present status (non-admitted patient)	Non-admitted patient service event—patient present status, code N	1109
Patients in residence at year end	Establishment—patients/clients in residence at year end, total N[NNN]	1110
Perineal status	Female (mother)—postpartum perineal status, code N	1112
Period of residence in Australia	Person—period of residence in Australia, years code NN	1114
Peripheral neuropathy (status)	Person—peripheral neuropathy indicator, code N	1116
Peripheral vascular disease in feet (status)	Person—peripheral vascular disease indicator (foot), code N	1120
Person identifier	Person—person identifier, XXXXXX[X(14)]	1123
Person identifier type (health care)	Person (identifier)—identifier type, geographic/administrative scope code A	1125
Physical activity sufficiency status	Person—physical activity sufficiency status, code N	1127
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]}	1130
Place of occurrence of external cause of injury (non-admitted patient)	Injury event—place of occurrence, non-admitted patient code N[N]	1132
Postal delivery point identifier (person)	Person (address)—postal delivery point identifier, {N(8)}	1134
Postal delivery point identifier (service provider organisation)	Service provider organisation (address)—postal delivery point identifier, {N(8)}	1136
Postal delivery service number	Person (address)—postal delivery service type	1138

Commonly used name	Technical name	CD-ROM page no.
	identifier, [X(11)]	
Postal delivery service type - abbreviation	Person—postal delivery service type, code AA[A(9)]	1140
Postcode - Australian (person)	Person (address)—Australian postcode, code (Postcode datafile) {NNNN}	1142
Postcode - Australian (service provider organisation)	Service provider organisation (address)—Australian postcode, code (Postcode datafile) {NNNN}	1145
Postcode - international (person)	Person (address)—international postcode, text [X(10)]	1147
Postcode - international (service provider organisation)	Service provider organisation (address)—international postcode, text [X(10)]	1149
Postpartum complication	Birth event—complication (postpartum), code (ICD-10-AM 5th edn) ANN{.N[N]}	1151
Preferred language	Person—preferred language, code (ASCL 2005) NN{NN}	1153
Pregnancy—current status	Female—pregnancy indicator (current), code N	1155
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Previous pregnancies—ectopic	Female—number of previous pregnancies (ectopic), total NN	1161
Previous pregnancies—induced abortion	Female—number of previous pregnancies (induced abortion), total NN	1163
Previous pregnancies—live birth	Female—number of previous pregnancies (live birth), total NN	1165
Previous pregnancies—spontaneous abortion	Female—number of previous pregnancies (spontaneous abortion), total NN	1167
Previous pregnancies—stillbirth	Female—number of previous pregnancies (stillbirth), total NN	1169
Previous specialised treatment	Patient—previous specialised treatment, code N	1171
Primary site of cancer (ICD-10-AM code)	Person with cancer—primary site of cancer, code (ICD-10-AM 5th edn) ANN{.N[N]}	1176
Primary site of cancer (ICDO-3 code)	Person with cancer—primary site of cancer, code (ICDO-3) ANN{.N[N]}	1174
Principal area of clinical practice	Health professional—area of clinical practice (principal), code ANN	1178
Principal diagnosis	Episode of care—principal diagnosis, code (ICD-10-AM 5th edn) ANN{.N[N]}	1181
Principal drug of concern	Episode of treatment for alcohol and other drugs—drug of concern (principal), code (ASCDC 2000 extended) NNNN	1184
Principal role of health professional	Health professional—principal role, code N	1186
Procedure	Episode of admitted patient care—procedure, code (ICD-10-AM 5th edn) NNNNN-NN	1189
Profession labour force status of health professional	Health professional—labour force status, code N{.N}	1191

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Progesterone receptor assay results	Person with cancer—progesterone receptor assay results, code N	1198
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Establishment — number of day centre attendances, total N[NNNN]	Day program attendances	415
Establishment — number of group session occasions of service for non-admitted patients (alcohol and drug), total N[NNNNN]	Group sessions — alcohol and other drug	725
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Establishment—number of individual session occasions of service for non-admitted patients (alcohol and drug), total N[NNNNNN]	Individual sessions—alcohol and drug	826
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Establishment—number of individual session occasions of service for non-admitted patients (community health services), total N[NNNNNN]	Individual sessions—community health services	831
Establishment—number of individual session occasions of service for non-admitted patients (dental), total N[NNNNNN]	Individual sessions—dental	834
Establishment—number of individual session occasions of service for non-admitted patients (dialysis), total N[NNNNNN]	Individual sessions—dialysis	837
Establishment—number of individual session occasions of service for non-admitted patients (district nursing services), total N[NNNNNN]	Individual sessions—district nursing services	840
Establishment—number of individual session occasions of service for non-admitted patients (emergency services), total N[NNNNNN]	Individual sessions—emergency services	843
Establishment—number of individual session occasions of service for non-admitted patients (endoscopy and related procedures), total N[NNNNNN]	Individual sessions—endoscopy and related procedures	846
Establishment—number of individual session occasions of service for non-admitted patients (mental health), total N[NNNNNN]	Individual sessions—mental health	849
Establishment—number of individual session occasions of service for non-admitted patients (other medical/surgical/diagnostic), total N[NNNNNN]	Individual sessions—other medical/surgical/diagnostic	852
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Establishment—number of non-admitted patient service events, total N[NNNNNN]	Number of service events (non-admitted patients)	1056
Establishment—number of occasions of service, total N[NNNNNN]	Total occasions of service	1552
Establishment—number of patient days, total N[N(7)]	Patient days	1105
Establishment—number of separations (financial year), total N[NNNNN]	Separations	1391
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Establishment—organisation identifier (state/territory), NNNNN	Establishment number	520
Establishment—outpatient clinic type, code N[N]	Outpatient clinic type	1096
Establishment—patients/clients in residence at year end, total N[NNN]	Patients in residence at year end	1110
Establishment—quality accreditation/certification standard indicator (Australian Council on Healthcare Standards EQuIP), code N	Quality accreditation/certification standard—Australian Council on Healthcare Standards EQuIP	1210
Establishment—quality accreditation/certification standard indicator (Australian Quality Council), code N	Quality accreditation/certification standard—Australian Quality Council	1212
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Establishment—recurrent expenditure (financial year), total Australian currency N[N(8)]	Recurrent expenditure—total	1329
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Establishment—recurrent expenditure (indirect health care) (public health and monitoring services) (financial year), total Australian currency N[N(8)]	Recurrent expenditure (indirect health care)—public health and monitoring services	1239
Establishment—recurrent expenditure (interest payments) (financial year), total Australian currency N[N(8)]	Recurrent expenditure—interest payments	1297
Establishment—recurrent expenditure (medical and surgical supplies) (financial year), total Australian currency N[N(8)]	Recurrent expenditure—medical and surgical supplies	1299
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Establishment—recurrent expenditure (other Commonwealth Government funded expenditure), total Australian currency N[N(8)]	Recurrent expenditure—other Commonwealth Government funded expenditure	1308
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Establishment—recurrent expenditure (other recurrent expenditure) (financial year), total Australian currency N[N(8)]	Recurrent expenditure—other	1306
Establishment—recurrent expenditure (other revenue funded expenditure), total Australian currency N[N(8)]	Recurrent expenditure—other revenue funded expenditure	1312
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Establishment—recurrent expenditure (patient transport cost) (financial year), total Australian currency N[N(8)]	Recurrent expenditure—patient transport	1316
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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>

METeOR

METeOR is the Australian Institute of Health and Welfare's online metadata registry.[1]

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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[1] 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

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) or contact the Health Data Standards Committee Secretariat.

e-mail: HDSCsec@aihw.gov.au

phone: 02 6244 1000

Post: HDSC Secretariat
                 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 .

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

Data set specification name	Date of endorsement
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

Data set specification name	Date of endorsement
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

Commonly used name	Technical name	Date of approval
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)

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Table 3: New data elements in commonly used name order

Commonly used name	Technical name	Date of approval
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

Commonly used name	Technical name	Date of approval
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

Commonly used name	Technical name	Date of approval
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

Commonly used name	Technical name	Date of approval
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

Commonly used name	Technical name	Date of approval
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)

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Table 4: Modified data elements in commonly used name order

Commonly used name	Technical name	Date of approval
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, XXXXX[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

Commonly used name	Technical name	Date of approval
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 EQuIP	Establishment—quality accreditation/certification standard indicator (Australian Council on Healthcare Standards EQuIP), 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

Endorsed standards

National minimum data sets

A national minimum data set (NMDS) is a set of data elements agreed on by the National Health Information Group for mandatory collection and reporting at a national level.

An NMDS is contingent upon a national agreement to collect uniform data and to supply it as part of the national collection, but it does not preclude agencies and service providers from collecting additional data to meet their own specific needs. One NMDS may include data elements that are also included in another NMDS.

The *National health data dictionary* contains definitions of data elements that are included in NMDS collections in the health sector, including data elements used to derive some of the performance indicators required under Australian Health Care Agreements (bilateral agreements between the Australian and state/territory governments about funding and delivery of health services). The NHDD also contains some data elements that are not currently included in any agreed on NMDS collection but have been developed and endorsed as appropriate national standards. That is, data elements used in all NMDSs are included in the NHDD, but not all data elements in the NHDD are included in NMDSs.

Admitted patient care NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	334023
Registration status:	NHIG, Standard 07/12/2005
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	Episodes of care for admitted patients in all public and private acute and psychiatric hospitals, free standing day hospital facilities and alcohol and drug treatment centres in Australia. Hospitals operated by the Australian Defence Force, corrections authorities and in Australia's off-shore territories may also be included. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included.
	Hospital boarders and still births are not included as they are not admitted to hospital. Organ procurement episodes are also not included.

Collection and usage attributes

Collection methods:	Data are collected at each hospital from patient administrative and clinical record systems. Hospitals forward data to the relevant state or territory health authority on a regular basis (e.g. monthly).
	National reporting arrangements
	State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.
	Periods for which data are collected and nationally collated
	Financial years ending 30 June each year.
Statistical unit:	Episodes of care for admitted patients
Implementation date for this version of the DSS:	1 July 2006
Comments:	*Scope links with other NMDS*
	Episodes of care for admitted patients which occur partly or fully in designated psychiatric units of public acute hospitals or in public psychiatric hospitals:
	• Admitted patient mental health care NMDS.
	Episodes of care for admitted patients where care type is palliative care:
	• Admitted patient palliative care NMDS.

Glossary items

Some previous Knowledgebase data element concepts are available in the METeOR glossary. Glossary items are available online through links in the relevant metadata items. In addition links to the glossary terms that are relevant to this National minimum data set are listed below.

Admission

Diagnosis

Episode of acute care

Hospital boarder

Hospital-in-the-home care

Live birth

Neonate

Newborn qualification status

Organ procurement—posthumous

Same-day patient

Separation

Source and reference attributes

Origin: National Health Information Management Group

Relational attributes

Related metadata references: Supersedes Admitted patient care NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Activity when injured	Mandatory	1
-	Additional diagnosis	Mandatory	1
-	Area of usual residence	Mandatory	1
-	Australian state/territory identifier (establishment)	Mandatory	1
-	External cause (admitted patient)	Mandatory	1
-	Place of occurrence of external cause of injury (ICD-10-AM)	Mandatory	99
-	Principal diagnosis	Mandatory	1
-	Procedure	Mandatory	1
-	Weight in grams (measured)	Mandatory	1
-	Admission date	Mandatory	1
-	Admitted patient election status	Mandatory	1
-	Care type	Mandatory	1

-	Country of birth	Conditional	1
-	Date of birth	Mandatory	1
-	Diagnosis related group	Mandatory	1
-	Establishment number	Mandatory	1
-	Establishment sector	Mandatory	99
-	Funding source for hospital patient	Mandatory	1
-	Hospital insurance status	Mandatory	1
-	Indigenous status	Mandatory	1
-	Intended length of hospital stay	Mandatory	1
-	Inter-hospital contracted patient	Mandatory	1
-	Major diagnostic category	Mandatory	1
-	Medicare eligibility status	Mandatory	1
-	Mental health legal status	Mandatory	1
-	Mode of admission	Mandatory	1
-	Mode of separation	Mandatory	1
-	Number of days of hospital-in-the-home care	Mandatory	1
-	Number of qualified days for newborns	Conditional	1
-	Person identifier	Mandatory	1
-	Region code	Mandatory	1
-	Separation date	Mandatory	1
-	Sex	Mandatory	1
-	Source of referral to public psychiatric hospital	Mandatory	1
-	Total leave days	Mandatory	1
-	Total psychiatric care days	Mandatory	99
-	Urgency of admission	Mandatory	1

Admitted patient mental health care NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	334031
Registration status:	NHIG, Standard 07/12/2005
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	The scope of this minimum data set is restricted to admitted patients receiving care in psychiatric hospitals or in designated psychiatric units in acute hospitals. The scope does not currently include patients who may be receiving treatment for psychiatric conditions in acute hospitals who are not in psychiatric units.

Collection and usage attributes

Collection methods: Data are collected at each hospital from patient administrative and clinical record systems. Hospitals forward data to the relevant state or territory health authority on a regular basis (for example, monthly).

National reporting arrangements

State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.

Periods for which data are collected and nationally collated

Financial years ending 30 June each year.

Statistical unit: Episodes of care for admitted patients

Implementation date for this version of the DSS: 1 July 2006

Comments: Number of days of hospital in the home care data will be collected from all states and territories except Western Australia from 1 July 2001. Western Australia will begin to collect data from a later date.

Scope links with other NMDS

Episodes of care for admitted patients which occur partly or fully in designated psychiatric units of public acute hospitals or in public psychiatric hospitals:

- Admitted patient care NMDS
- Admitted patient palliative care NMDS

Glossary items

Some previous Knowledgebase data element concepts are available in the METeOR glossary. Currently the metadata search in METeOR does not cover glossary items however

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these items are available through links in the relevant metadata items. In addition links to the glossary terms that are relevant to this National minimum data set are included here.

Resident

Residential mental health care service

Same-day patients

Separation

Source and reference attributes

Submitting organisation: National Health Information Group

Relational attributes

Related metadata references: Supersedes Admitted patient mental health care NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Additional diagnosis	Mandatory	1
-	Area of usual residence	Mandatory	1
-	Employment status (admitted patient)	Mandatory	1
-	Principal diagnosis	Mandatory	1
-	Admission date	Mandatory	1
-	Care type	Mandatory	1
-	Country of birth	Conditional	1
-	Date of birth	Mandatory	1
-	Diagnosis related group	Mandatory	1
-	Employment status—public psychiatric hospital admissions	Mandatory	1
-	Establishment identifier	Mandatory	1
-	Indigenous status	Mandatory	1
-	Major diagnostic category	Mandatory	1
-	Marital status	Conditional	1
-	Mental health legal status	Mandatory	1
-	Mode of separation	Mandatory	1
-	Person identifier	Mandatory	1
-	Previous specialised treatment	Mandatory	1
-	Referral destination to further care (psychiatric patients)	Mandatory	1
-	Separation date	Mandatory	1
-	Sex	Mandatory	1

-	Source of referral to public psychiatric hospital	Mandatory	1
-	Total leave days	Mandatory	1
-	Total psychiatric care days	Mandatory	1
-	Type of accommodation	Mandatory	1
-	Type of usual accommodation	Mandatory	1

Admitted patient palliative care NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	334050
Registration status:	NHIG, Standard 07/12/2005
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	The scope of this data set is admitted patients receiving palliative care in all public and private acute hospitals, and free standing day hospital facilities. Hospitals operated by the Australian Defence Force, correctional authorities and Australia's external territories are not currently included.
	Palliative care patients are identified by the data element *Hospital service – care type, code N[N].N.*

Collection and usage attributes

Collection methods:	*National reporting arrangements*
	State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.
	Periods for which data collected and collated nationally
	Financial years ending 30 June each year.
Statistical unit:	Episodes of care for admitted patients.
Implementation date for this version of the DSS:	1 July 2006
Comments:	Number of days of hospital in the home care data will be collected from all states and territories except Western Australia from 1 July 2001. Western Australia will begin to collect data from a later date.
	Scope links with other NMDSs
	Episodes of care for admitted patients which occur partly or fully in designated psychiatric units of public acute hospitals or in public psychiatric hospitals:
	• Admitted patient care NMDS, version 2.
	• Admitted patient mental health care NMDS, version 2.

Source and reference attributes

Submitting organisation:	National Health Information Group

Relational attributes

Related metadata references:	Supersedes Admitted patient palliative care NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Additional diagnosis	Mandatory	1
-	Area of usual residence	Mandatory	1
-	Date of birth	Conditional	1
-	Indigenous status	Mandatory	1
-	Person identifier	Mandatory	1
-	Principal diagnosis	Mandatory	1
-	Sex	Mandatory	1
-	Admission date	Mandatory	1
-	Care type	Mandatory	1
-	Country of birth	Conditional	1
-	Establishment identifier	Mandatory	1
-	Funding source for hospital patient	Mandatory	1
-	Mode of admission	Mandatory	1
-	Mode of separation	Mandatory	1
-	Number of days of hospital-in-the-home care	Mandatory	1
-	Previous specialised treatment	Mandatory	1
-	Separation date	Mandatory	1

Alcohol and other drug treatment services NMDS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METeOR identifier: 334288

Registration status: NHIG, Standard 21/03/2006

Data Set Specification type: National Minimum Data Set (NMDS)

Scope: This metadata set is nationally mandated for collection and reporting.

Publicly funded government and non-government agencies providing alcohol and/or drug treatment services. Including community-based ambulatory services and outpatient services.

The following services are currently not included in the coverage:

- services based in prisons and other correctional institutions;

- agencies that provide primarily accommodation or overnight stays such as 'sobering-up shelters' and 'half-way houses';

- agencies that provide services concerned primarily with health promotion;

- needle and syringe programs;

- agencies whose sole function is to provide prescribing and/or dosing of methadone; and

- acute care and psychiatric hospitals, or alcohol and drug treatment units that report to the admitted patient care National Minimum Data Set and do not provide treatment to non-admitted patients.

Clients who are on a methadone maintenance program may be included in the collection where they also receive other types of treatment.

Collection and usage attributes

Collection methods: Data to be reported in each agency on completed treatment episode and then forwarded to state/territory authorities for collation.

National reporting requirements

State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.

Financial years ending 30 June each year.

Statistical unit:	Completed treatment episodes for clients who participate in a treatment type as specified in the data element Episode of treatment for alcohol and other drugs—treatment type (main), code N.
Implementation date for this version of the DSS:	1 July 2006

Source and reference attributes

Submitting organisation:	National Health Information Group

Relational attributes

Related metadata references:	Supersedes Alcohol and other drug treatment services NMDS NHIG, Superseded 21/03/2006

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Geographical location of service delivery outlet	Mandatory	1
-	Method of use for principal drug of concern	Conditional	1
-	Client type (alcohol and other drug treatment services)	Mandatory	1
-	Country of birth	Mandatory	1
-	Date of birth	Mandatory	1
-	Date of cessation of treatment episode for alcohol and other drugs	Mandatory	1
-	Date of commencement of treatment episode for alcohol and other drugs	Mandatory	1
-	Establishment identifier	Mandatory	1
-	Indigenous status	Mandatory	1
-	Injecting drug use status	Conditional	1
-	Main treatment type for alcohol and other drugs	Mandatory	1
-	Other drug of concern	Conditional	4
-	Other treatment type for alcohol and other drugs	Mandatory	4
-	Person identifier	Mandatory	1
-	Preferred language	Mandatory	1
-	Principal drug of concern	Conditional	1
-	Reason for cessation of treatment episode for alcohol and other drugs	Mandatory	1
-	Sex	Mandatory	1
-	Source of referral to alcohol and other drug treatment service	Mandatory	1
-	Treatment delivery setting for alcohol and other drugs	Mandatory	1

Community mental health care NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	334069
Registration status:	NHIG, Standard 07/12/2005
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	This NMDS includes data about service contacts provided by specialised mental health services for patients/clients, other than those admitted to psychiatric hospitals or designated psychiatric units in acute care hospitals, and those resident in 24 hour staffed specialised residential mental health services.

Collection and usage attributes

Statistical unit:	Mental health service contact
Implementation date for this version of the DSS:	1 July 2006
Comments:	*Glossary items*
	Some previous Knowledgebase data element concepts are available in the METeOR glossary. Currently the metadata search in METeOR does not cover glossary items however these items are available through links in the relevant metadata items. In addition links to the glossary terms that are relevant to this National minimum data set are included here.
	Resident
	Residential mental health care service
	Separation

Source and reference attributes

Submitting organisation:	National Health Information Group

Relational attributes

Related metadata references:	Supersedes Community mental health care NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Area of usual residence	Mandatory	1
-	Australian state/territory identifier (establishment)	Mandatory	1
-	Country of birth	Conditional	1

-	Date of birth	Mandatory	1
-	Establishment identifier	Mandatory	1
-	Establishment number	Mandatory	1
-	Establishment sector	Mandatory	1
-	Indigenous status	Mandatory	1
-	Marital status	Mandatory	1
-	Mental health legal status	Mandatory	1
-	Mental health service contact date	Mandatory	1
-	Mental health service contact duration	Mandatory	1
-	Mental health service contact—patient/client participation indicator	Mandatory	1
-	Mental health service contact—session type	Mandatory	1
-	Person identifier	Mandatory	1
-	Principal diagnosis	Mandatory	1
-	Region code	Mandatory	1
-	Sex	Mandatory	1

Community mental health establishments NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	334281
Registration status:	NHIG, Standard 21/03/2006
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	Data required for reporting by specialised psychiatric services that deliver ambulatory services, in both institutional and community settings and/or community-based residential care. It does not extend to services provided to patients who are in general (non-specialised) care who may be receiving treatment or rehabilitation for psychiatric conditions.
	The data provided through the National Minimum Data Set (NMDS)—Community Mental Health Establishments supplements that reported for psychiatric and acute care hospitals through the NMDS-Admitted Patient Mental Health Care.

Collection and usage attributes

Collection methods:	*National reporting arrangements*
	State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.
	Periods for which data are collected and nationally collated
	Financial years ending 30 June each year.
Statistical unit:	Establishment-level data.
Implementation date for this version of the DSS:	1 July 2006

Source and reference attributes

Submitting organisation:	National Health Information Group

Relational attributes

Related metadata references:	Supersedes Community mental health establishments NMDS NHIG, Superseded 21/03/2006

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Geographical location of establishment	Mandatory	1
-	Specialised mental health service setting	Mandatory	1

-	Establishment identifier	Mandatory	1
-	Full-time equivalent staff—average	Mandatory	1
-	Number of available beds for admitted patients	Conditional	1
-	Recurrent expenditure (salaries and wages)—total	Mandatory	1
-	Recurrent expenditure—non-salary operating costs (excluding depreciation)	Mandatory	1
-	Separations	Mandatory	1

Elective surgery waiting times (census data) NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	335002
Registration status:	NHIG, Standard 07/12/2005
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	The scope of this minimum data set is patients on waiting lists for elective surgery (as defined in the Waiting list category data element) which are managed by public acute hospitals. This will include private patients treated in public hospitals, and may include public patients treated in private hospitals.

Hospitals may also collect information for other care (as defined in the Waiting list category data element), but this is not part of the National Minimum Data Set (NMDS) for Elective surgery waiting times.

Patients on waiting lists managed by hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not currently included.

Census data:

Data are collected for patients on elective surgery waiting lists who are yet to be admitted to hospital or removed for another reason. The scope is patients on elective surgery waiting lists on a census date who are 'ready for care' as defined in the Elective surgery waiting list episode— patient listing status, readiness for care code N data element.

Collection and usage attributes

Collection methods:	Elective care waiting list episode—category reassignment date, DDMMYYYY is not required for reporting to the NMDS, but is necessary for the derivation of Elective surgery waiting list episode—waiting time (at a census date), total days N[NNN]. Elective care waiting list episode—elective care type, code N and Elective surgery waiting list episode—patient listing status, readiness for care code N are not required for reporting to the NMDS, but are necessary for determining whether patients are in scope for the NMDS. These data elements should be collected at the local level and reported to state and territory health authorities as required.

National reporting arrangements

State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.

Periods for which data are collected and nationally collated

Census dates are 30 September, 31 December, 31 March and 30 June.

Statistical unit:	Patients on waiting lists on census dates.
Implementation date for this version of the DSS:	30th September 2006
Comments:	There are two different types of data collected for this national minimum data set (census data and removals data) and the scope and list of data elements associated with each is different.

For the purposes of this NMDS, public hospitals include hospitals which are set up to provide services for public patients (as public hospitals do), but which are managed privately.

The inclusion of public patients removed from elective surgery waiting lists managed by private hospitals will be investigated in the future.

Source and reference attributes

Submitting organisation: National Health Information Management Group

Relational attributes

Related metadata references: Supersedes Elective surgery waiting times (census data) NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Census date	Mandatory	1
-	Clinical urgency	Mandatory	1
-	Establishment identifier	Mandatory	1
-	Extended wait patient	Mandatory	1
-	Indicator procedure	Mandatory	1
-	Listing date for care	Mandatory	1
-	Overdue patient	Mandatory	1
-	Surgical specialty	Mandatory	1
-	Waiting time at a census date	Mandatory	1

Elective surgery waiting times (removals data) NMDS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METeOR identifier: 335007

Registration status: NHIG, Standard 07/12/2005

Data Set Specification type: National Minimum Data Set (NMDS)

Scope: The scope of this minimum data set is patients removed from waiting lists for elective surgery (as defined in the Waiting list category data element) which are managed by public acute hospitals. This will include private patients treated in public hospitals, and may include public patients treated in private hospitals.

Hospitals may also collect information for other care (as defined in the Waiting list category data element), but this is not part of the National Minimum Data Set (NMDS) for elective surgery waiting times.

Patients removed from waiting lists managed by hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not currently included.

Removals data:

Data are collected for patients who have been removed from an elective surgery waiting list (for admission or another reason). Patients who were 'ready for care' and patients who were 'not ready for care' at the time of removal are included.

Collection and usage attributes

Collection methods: Elective care waiting list episode—category reassignment date, DDMMYYYY is not required for reporting to the NMDS, but is necessary for the derivation of Elective surgery waiting list episode—waiting time (at a census date), total days N[NNN]. Elective care waiting list episode—elective care type, code N and Elective surgery waiting list episode—patient listing status, readiness for care code N are not required for reporting to the NMDS, but are necessary for determining whether patients are in scope for the NMDS. These data elements should be collected at the local level and reported to state and territory health authorities as required.

National reporting arrangements

State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.

Periods for which data are collected and nationally collated

Financial years ending 30 June each year for removals data.

Statistical unit:	Patients removed from waiting lists (for admission or other reason) during each financial year.
Implementation date for this version of the DSS:	1 July 2006
Comments:	There are two different types of data collected for this national minimum data set (census data and removals data) and the scope and list of data elements associated with each is different.
	For the purposes of this NMDS, public hospitals include hospitals which are set up to provide services for public patients (as public hospitals do), but which are managed privately.
	The inclusion of public patients removed from elective surgery waiting lists managed by private hospitals will be investigated in the future.

Source and reference attributes

Submitting organisation:	National Health Information Group

Relational attributes

Related metadata references:	Supersedes Elective surgery waiting times (removals data) NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Indicator procedure	Mandatory	1
-	Clinical urgency	Mandatory	1
-	Establishment identifier	Mandatory	1
-	Extended wait patient	Mandatory	1
-	Listing date for care	Mandatory	1
-	Overdue patient	Conditional	1
-	Reason for removal from elective surgery waiting list	Mandatory	1
-	Removal date	Mandatory	1
-	Surgical specialty	Mandatory	1
-	Waiting time at removal from elective surgery waiting list	Mandatory	1

Health labour force NMDS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METeOR identifier: 273041

Registration status: NHIG, Standard 01/03/2005

Data Set Specification type: National Minimum Data Set (NMDS)

Scope: The scope of this set of data elements is all health occupations. National collections using this data set have been undertaken for the professions of medicine, nursing, dentistry, pharmacy, physiotherapy and podiatry, using labour force questionnaires in the annual renewal of registration to practice.

Collection and usage attributes

Collection methods: *National reporting arrangements*

State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.

Periods for which data are collected and nationally collated

Financial years ending 30 June each year.

Statistical unit: A health professional's labourforce data

Implementation date for this version of the DSS: 1 July 2006

Source and reference attributes

Submitting organisation: National Health Information Group

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Classification of health labour force job	Mandatory	1
-	Date of birth	Mandatory	1
-	Hours on-call (not worked) by medical practitioner	Mandatory	1
-	Hours worked by health professional	Mandatory	1
-	Hours worked by medical practitioner in direct patient care	Mandatory	1
-	Principal area of clinical practice	Mandatory	1
-	Principal role of health professional	Mandatory	1
-	Profession labour force status of health professional	Mandatory	1
-	Total hours worked by a medical practitioner	Mandatory	1
-	Type and sector of employment establishment	Mandatory	1

Injury surveillance NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	334072
Registration status:	NHIG, Standard 07/12/2005
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	The scope of this minimum data set is patient level data from selected emergency departments of hospitals and other settings.

Collection and usage attributes

Collection methods:	*National reporting arrangements*
	State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.
	Periods for which data are collected and nationally collated
	Financial years ending 30 June each year.
Implementation date for this version of the DSS:	1 July 2006

Source and reference attributes

Submitting organisation:	National Health Information Group

Relational attributes

Related metadata references:	Supersedes Injury surveillance NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Activity when injured	Mandatory	1
-	External cause (admitted patient)	Mandatory	99
-	Place of occurrence of external cause of injury (ICD-10-AM)	Mandatory	1
-	Activity when injured (non-admitted patient)	Mandatory	1
-	Bodily location of main injury	Mandatory	1
-	External cause—human intent	Mandatory	1
-	Narrative description of injury event	Mandatory	1
-	Nature of main injury (non-admitted patient)	Mandatory	1
-	Place of occurrence of external cause of injury (non-admitted patient)	Mandatory	1

Mental health establishments NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	334283
Registration status:	NHIG, Standard 21/03/2006
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	All specialised mental health services managed or funded by State or Territory health authorities.

The statistical units are specialised mental health services. These are the specialised mental health components of the State and Territory health authorities, and of regions within states and territories; specialised mental health service organisations; service units within those organisations; and private hospital and non-government residential service units funded by specialised mental health services.

Non-government residential mental health services and specialised mental health services provided by private hospitals that receive State or Territory government funding are included as service units for this NMDS.

In addition, information on funding of non-government organisations by non-health departments for the provision of mental health services is collected through a specific data element.

Ambulatory services managed by non-government organisations are not defined as statistical units for this NMDS.

The data elements relevant to each of these types of statistical unit differ, as detailed below.

States and Territories determine the organisational units that will report as 'regions', 'organisations', and 'service units' for this NMDS. However, as a minimum, each hospital reported to the Public Hospital Establishments NMDS should be defined as a service unit for the purposes of this NMDS and should use the same establishment identifiers in this NMDS as are used in the National Public Hospital Establishments NMDS. In addition, as a minimum, 24 hour staffed residential services and non-24 hour staffed residential services should be defined as separate service units.

Collection and usage attributes

Collection methods:	*National reporting arrangements*
	State and Territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.
	Periods for which data are collected and nationally collated
	Financial years ending 30 June each year.
Statistical unit:	Specialised mental health services.
Implementation date for this version of the DSS:	1 July 2006
Comments:	*Private hospitals and non-government organisation residential services*

Only the following data elements are mandatory for non-government organisation residential mental health services and specialised mental health services provided by private hospitals that receive State or Territory government funding: Accrued mental health care days, Co-location status of mental health service, Geographical location of establishment, Establishment identifier, Number of available beds for admitted patients, Number of episodes of residential care, Separations, Specialised mental health services—hours staffed and Total recurrent expenditure.

For these services it is not mandatory to disaggregate data elements by Specialised mental health services program type or Specialised mental health services target population where specified.

Non-residential non-government organisation mental health services

Information on the total expenditure ($) on non-residential non-government organisation mental health services (i.e. the 'grants to non-government organisations' data elements) by service type (e.g. accommodation services) is to be reported where available, but is also not mandatory.

Glossary items

Some previous Knowledgebase data element concepts are available in the METeOR glossary. Currently the metadata search in METeOR does not cover glossary items however these items are available through links in the relevant metadata items. In addition links to the glossary terms that are relevant to this National minimum data set are included here.

Episode of residential care end

Episode of residential care start

Mental health-funded non-government organisation

Residential mental health care service

Source and reference attributes

Submitting organisation: National Health Information Group

Relational attributes

Related metadata references: Supersedes Mental health establishments NMDS NHIG,
                                      Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Accrued mental health care days	Mandatory	1
-	Australian state/territory identifier (establishment)	Mandatory	1
-	Carer participation arrangements—carer consultants employed	Mandatory	1
-	Carer participation arrangements—carer satisfaction surveys	Conditional	1
-	Carer participation arrangements—formal complaints mechanism	Conditional	1
-	Carer participation arrangements—formal participation policy	Conditional	1
-	Carer participation arrangements—regular discussion groups	Conditional	1
-	Co-location status of mental health service	Conditional	1
-	Consumer committee representation arrangements	Mandatory	1
-	Consumer participation arrangements—consumer consultants employed	Conditional	1
-	Consumer participation arrangements—consumer satisfaction surveys	Conditional	1
-	Consumer participation arrangements—formal complaints mechanism	Conditional	1
-	Consumer participation arrangements—formal participation policy	Conditional	1
-	Consumer participation arrangements—regular discussion groups	Conditional	1
-	Establishment identifier	Mandatory	1
-	Establishment number	Mandatory	1
-	Establishment sector	Mandatory	1
-	Full-time equivalent staff (mental health)—all staff	Conditional	1
-	Full-time equivalent staff—administrative and clerical staff	Mandatory	1
-	Full-time equivalent staff—carer consultants	Mandatory	1

-	Full-time equivalent staff—consultant psychiatrists and psychiatrists	Mandatory	1
-	Full-time equivalent staff—consumer consultants	Mandatory	1
-	Full-time equivalent staff—diagnostic and health professionals	Mandatory	1
-	Full-time equivalent staff—domestic and other staff	Mandatory	1
-	Full-time equivalent staff—enrolled nurses	Mandatory	1
-	Full-time equivalent staff—occupational therapists	Mandatory	1
-	Full-time equivalent staff—other diagnostic and health professionals	Mandatory	1
-	Full-time equivalent staff—other medical officers	Mandatory	1
-	Full-time equivalent staff—other personal care staff	Mandatory	1
-	Full-time equivalent staff—psychiatry registrars and trainees	Mandatory	1
-	Full-time equivalent staff—psychologists	Mandatory	1
-	Full-time equivalent staff—registered nurses	Mandatory	1
-	Full-time equivalent staff—salaried medical officers	Optional	1
-	Full-time equivalent staff—social workers	Mandatory	1
-	Geographical location of establishment	Mandatory	1
-	Grants to non-government organisations—accommodation services	Mandatory	1
-	Grants to non-government organisations—advocacy services	Conditional	1
-	Grants to non-government organisations—community awareness/health promotion services	Conditional	1
-	Grants to non-government organisations—counselling services	Conditional	1
-	Grants to non-government organisations—independent living skills support services	Mandatory	1
-	Grants to non-government organisations—other and unspecified mental health services	Mandatory	1
-	Grants to non-government organisations—pre-vocational training services	Mandatory	1
-	Grants to non-government organisations—psychosocial support services	Conditional	1
-	Grants to non-government organisations—recreation services	Mandatory	1
-	Grants to non-government organisations—respite services	Mandatory	1
-	Grants to non-government organisations—self-help support group services	Mandatory	1
-	Mental health services grants to non-government organisations by non-health departments	Mandatory	1

-	National standards for mental health services review status	Mandatory	1
-	Number of available beds for admitted patients	Conditional	1
-	Number of episodes of residential care	Mandatory	1
-	Recurrent expenditure (mental health)—non-salary operating costs	Conditional	1
-	Recurrent expenditure (mental health)—salaries and wages	Optional	1
-	Recurrent expenditure (salaries and wages)—administrative and clerical staff	Conditional	1
-	Recurrent expenditure (salaries and wages)—carer consultants	Conditional	1
-	Recurrent expenditure (salaries and wages)—consultant psychiatrists and psychiatrists	Conditional	1
-	Recurrent expenditure (salaries and wages)—consumer consultants	Conditional	1
-	Recurrent expenditure (salaries and wages)—diagnostic and health professionals	Conditional	1
-	Recurrent expenditure (salaries and wages)—domestic and other staff	Conditional	1
-	Recurrent expenditure (salaries and wages)—enrolled nurses	Conditional	1
-	Recurrent expenditure (salaries and wages)—occupational therapists	Conditional	1
-	Recurrent expenditure (salaries and wages)—other diagnostic and health professionals	Conditional	1
-	Recurrent expenditure (salaries and wages)—other medical officers	Conditional	1
-	Recurrent expenditure (salaries and wages)—other personal care staff	Conditional	1
-	Recurrent expenditure (salaries and wages)—psychiatry registrars and trainees	Conditional	1
-	Recurrent expenditure (salaries and wages)—psychologists	Conditional	1
-	Recurrent expenditure (salaries and wages)—registered nurses	Conditional	1
-	Recurrent expenditure (salaries and wages)—salaried medical officers	Conditional	1
-	Recurrent expenditure (salaries and wages)—social workers	Conditional	1
-	Recurrent expenditure—administrative expenses	Conditional	1
-	Recurrent expenditure—Department of Veterans' Affairs funded	Mandatory	1
-	Recurrent expenditure—depreciation	Conditional	1
-	Recurrent expenditure—domestic services	Conditional	1

-	Recurrent expenditure — drug supplies	Conditional	1
-	Recurrent expenditure — food supplies	Conditional	1
-	Recurrent expenditure — interest payments	Conditional	1
-	Recurrent expenditure — medical and surgical supplies	Conditional	1
-	Recurrent expenditure — National Mental Health Strategy funded	Conditional	1
-	Recurrent expenditure — other Commonwealth Government funded	Conditional	1
-	Recurrent expenditure — other patient revenue funded	Conditional	1
-	Recurrent expenditure — other recurrent expenditure	Conditional	1
-	Recurrent expenditure — other revenue funded	Conditional	1
-	Recurrent expenditure — other State or Territory funded	Conditional	1
-	Recurrent expenditure — patient transport	Conditional	1
-	Recurrent expenditure — payments to visiting medical officers	Conditional	1
-	Recurrent expenditure — recoveries funded	Conditional	1
-	Recurrent expenditure — repairs and maintenance	Conditional	1
-	Recurrent expenditure — State or Territory health authority funded	Conditional	1
-	Recurrent expenditure — superannuation employer contributions	Conditional	1
-	Recurrent expenditure — total	Conditional	1
-	Region code	Conditional	1
-	Residual expenditure (mental health service) — academic positions	Mandatory	1
-	Residual expenditure (mental health service) — education and training	Mandatory	1
-	Residual expenditure (mental health service) — insurance	Mandatory	1
-	Residual expenditure (mental health service) — mental health promotion	Mandatory	1
-	Residual expenditure (mental health service) — mental health research	Mandatory	1
-	Residual expenditure (mental health service) — other indirect expenditure	Mandatory	1
-	Residual expenditure (mental health service) — patient transport services	Mandatory	1
-	Residual expenditure (mental health service) — program administration	Mandatory	1
-	Residual expenditure (mental health service) — property leasing costs	Mandatory	1

-	Residual expenditure (mental health service)—superannuation	Mandatory	1
-	Residual expenditure (mental health service)—support services	Mandatory	1
-	Residual expenditure (mental health service)—workers compensation	Mandatory	1
-	Separations	Mandatory	1
-	Specialised mental health service program type	Mandatory	1
-	Specialised mental health service setting	Mandatory	1
-	Specialised mental health service target population	Mandatory	1
-	Specialised mental health service—hours staffed	Conditional	1
-	Specialised mental health service—supported public housing places	Mandatory	1

Non-admitted patient emergency department care NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	322655
Registration status:	NHIG, Standard 24/03/2006
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	This metadata set is nationally mandated for collection and reporting.

The scope of this National Minimum Data Set (NMDS) is non-admitted patients registered for care in emergency departments in selected public hospitals that are classified as either Peer Group A or B in the Australian Institute of Health and Welfare's Australian Hospital Statistics publication from the preceding financial year.
The care provided to patients in emergency departments is, in most instances, recognised as being provided to 'non-admitted' patients. Patients being treated in emergency departments may subsequently become 'admitted'. The care provided to non-admitted patients who are treated in the emergency department prior to being admitted is included in this NMDS.

Care provided to patients who are being treated in an emergency department site as an admitted patient (e.g. in an observation unit, short-stay unit, 'emergency department ward' or awaiting a bed in an admitted patient ward of the hospital) are excluded from the emergency department care NMDS since the recording of the care provided to these patients is part of the scope of the Admitted patient care NMDS.

Collection and usage attributes

Collection methods:

National reporting arrangements

State and territory health authorities provide the NMDS data to the Australian Institute of Health and Welfare for national collation, on an annual basis within 3 months of the end of a reporting period.

The Institute and the Commonwealth Department of Health and Ageing will agree on a data quality and timeliness protocol. Once cleaned, a copy of the data and a record of the changes made will be forwarded by the Institute to the Commonwealth Department of Health and Ageing.

A copy of the cleaned data for each jurisdiction should also be returned to that jurisdiction on request.

Periods for which data are collected and nationally collated

Financial years, ending 30 June each year. Extraction of data for a financial year should be based on the date of the end of the non-admitted emergency department service episode.

Statistical unit:	Non-admitted patient emergency department service episodes.
Implementation date for this version of the DSS:	1 July 2006
Comments:	*Scope links with other metadata sets*
	Episodes of care for admitted patients are reported through the Admitted patient care NMDS.

Source and reference attributes

Submitting organisation:	National Health Information Group

Relational attributes

Related metadata references:	Supersedes Non-admitted patient emergency department care NMDS NHIG, Superseded 24/03/2006

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Area of usual residence	Mandatory	1
-	Date of triage	Mandatory	1
-	Emergency department date of commencement of service event	Mandatory	1
-	Emergency department time of commencement of service event	Mandatory	1
-	Time of triage	Mandatory	1
-	Compensable status	Mandatory	1
-	Country of birth	Conditional	1
-	Date of birth	Mandatory	1
-	Date patient presents	Mandatory	1
-	Department of Veterans' Affairs patient	Mandatory	1
-	Emergency department arrival mode—transport	Mandatory	1
-	Emergency department departure date	Mandatory	1
-	Emergency department departure time	Mandatory	1
-	Emergency department episode end date	Mandatory	1
-	Emergency department episode end time	Mandatory	1

-	Emergency department service episode end status	Mandatory	1
-	Establishment identifier	Mandatory	1
-	Indigenous status	Mandatory	1
-	Length of non-admitted patient emergency department service episode	Mandatory	1
-	Non-admitted patient emergency department service episode—triage category, code N	Mandatory	1
-	Person identifier	Mandatory	1
-	Sex	Mandatory	1
-	Time patient presents	Mandatory	1
-	Type of visit to emergency department	Mandatory	1

Outpatient care NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	290728
Registration status:	NHIG, Standard 04/05/2005
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	The scope of this National Minimum Data Set (NMDS) is for services provided to non-admitted, non-emergency patients registered for care in outpatient clinics of public hospitals that are classified as either Peer Group A or B (Principal referral and specialist women's and children's hospitals and Large hospitals) as reported in the Australian Institute of Health and Welfare's Australian Hospital Statistics publication from the preceding financial year.

Hospitals use the term 'clinic' to describe various arrangements under which they deliver services to non-admitted non-emergency department patients. Clinic services should be interpreted as encompassing services provided through specific organisational units staffed to administer and provide a certain range of outpatient care:

- in defined locations;
- at regular or irregular times; and
- where one or more specialist providers deliver care to booked patients.

Generally, in such clinics, a booking system is administered and patient records are maintained to document patient attendances and care provided.

The scope includes all arrangements made to deliver specialist care to non-admitted patients whose treatment has been funded through the hospital, regardless of the source from which the hospital derives these funds. In particular, Department of Veterans' Affairs, compensable and other patients **funded through the hospital** (including Medicare ineligible patients) are included.

The scope also includes Outreach Services which are funded through acute hospitals, and provided to the patient in the home, place of work or other non-hospital site.

Excluded from scope are:

- Outreach services which are not funded through the acute hospital and/or which deliver non- clinical care (Activities such as home cleaning, meals on wheels, home maintenance); and

- All Private specialist services delivered under private practice arrangements which are not funded through the hospital, regardless of whether or how these services may be funded by third party arrangements.
- All services covered by NMDS for:

    Admitted Patient Care,

    Admitted patient mental health care,

    Alcohol and other drug treatment services,

    Community mental health care,

    Non-admitted patient emergency department.

Though admitted patient services are excluded from scope, outpatient services booked for reasons independent of or distinct from the admitted patient episode are in scope.

Collection and usage attributes

Collection methods:	*National reporting arrangements:*
	State and territory Health authorities provide the data to the Department of Health and Ageing and Australian Institute of Health and Welfare on an annual basis by 31 December each calendar year, for the previous financial year.
	Periods for which data are collected and nationally collated:
	Each financial year ending 30 June.
Statistical unit:	Occasions of service.
	Group sessions.
	Within the scope as defined, and subject to specific counting rules, occasions of service to be counted include outreach clinic services, services delivered in a multidisciplinary mode and services delivered in group sessions.
Implementation date for this version of the DSS:	1 July 2006

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Establishment identifier	Mandatory	1
-	Outpatient clinic type	Mandatory	1
-	Total number of group sessions	Mandatory	1
-	Total occasions of service	Mandatory	1

Perinatal NMDS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METeOR identifier: 290828

Registration status: NHIG, Standard 07/12/2005

Data Set Specification type: National Minimum Data Set (NMDS)

Scope: The scope of this minimum data set is all births in Australia in hospitals, birth centres and the community. The data set includes information on all births, both live and stillborn, of at least 20 weeks gestation or 400 grams birth weight.

Collection and usage attributes

Collection methods: *National reporting arrangements*

State and territory health authorities provide the data to the Australian Institute of Health and Welfare National Perinatal Statistics Unit for national collation, on an annual basis.

Periods for which data are collected and nationally collated

Calendar years ending 31 December each year.

Implementation date for this version of the DSS: 1 January 2007

Source and reference attributes

Submitting organisation: National Health Information Group

Relational attributes

Related metadata references: Supersedes Perinatal NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Apgar score at 5 minutes	Mandatory	1
-	Date of birth	Mandatory	1
-	Indigenous status	Mandatory	1
-	Person identifier	Conditional	1
-	Sex	Mandatory	1
-	Actual place of birth	Mandatory	1
-	Birth order	Conditional	1
-	Birth plurality	Mandatory	1
-	Country of birth	Mandatory	1

-	Establishment identifier	Conditional	1
-	Gestational age	Mandatory	1
-	Infant weight, neonate, stillborn	Mandatory	1
-	Method of birth	Conditional	1
-	Onset of labour	Mandatory	1
-	Separation date	Mandatory	1
-	State/territory of birth	Mandatory	1
-	Status of the baby	Mandatory	1

Public hospital establishments NMDS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	334285
Registration status:	NHIG, Standard 21/03/2006
Data Set Specification type:	National Minimum Data Set (NMDS)
Scope:	The scope of this dataset is establishment-level data for public acute and psychiatric hospitals, including hospitals operated for or by the Department of Veterans' Affairs, and alcohol and drug treatment centres.

From version 9 Patient level data remains in the new National Minimum Data Set (NMDS) called Admitted patient care. This new NMDS replaces the version 8 NMDS called Institutional health care.

Similar data for private hospitals and free standing day hospital facilities is collected by the Australian Bureau of Statistics in the Private Health Establishments Collection.

Hospitals operated by the Australian Defence Force, corrections authorities and Australia's external territories are not currently included. Hospitals specialising in dental, ophthalmic aids and other specialised acute medical or surgical care are included.

Collection and usage attributes

Collection methods: Data are collected at each hospital from patient administrative and clinical record systems. Hospitals forward data to the relevant state or territory health authority on a regular basis (for example, monthly).

National reporting arrangements

State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collation, on an annual basis.

Periods for which data are collected and nationally collated

Financial years ending 30 June each year.

Statistical unit: Public hospital establishments.

Implementation date for this version of the DSS: 1 July 2006

Comments: *Scope links with other NMDSs*

Episodes of care for admitted patients which occur partly or fully in designated psychiatric units of public acute hospitals or in public psychiatric hospitals:

- Admitted patient care NMDS, version 1
- Admitted patient mental health care NMDS, version 1
- Admitted patient palliative care NMDS, version 1

Source and reference attributes

Submitting organisation: National Health Information Group

Relational attributes

Related metadata references: Supersedes Public hospital establishments NMDS NHIG,
Superseded 21/03/2006

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Establishment identifier	Mandatory	1
-	Establishment type	Conditional	1
-	Full-time equivalent staff—administrative and clerical staff	Mandatory	1
-	Full-time equivalent staff—diagnostic and health professionals	Mandatory	1
-	Full-time equivalent staff—domestic and other staff	Mandatory	1
-	Full-time equivalent staff—enrolled nurses	Mandatory	1
-	Full-time equivalent staff—other personal care staff	Mandatory	1
-	Full-time equivalent staff—registered nurses	Mandatory	1
-	Full-time equivalent staff—salaried medical officers	Mandatory	1
-	Full-time equivalent staff—student nurses	Mandatory	1
-	Full-time equivalent staff—trainee/pupil nurses	Mandatory	1
-	Geographical location of establishment	Mandatory	1
-	Gross capital expenditure (accrual accounting)—buildings and building services	Conditional	1
-	Gross capital expenditure (accrual accounting)—constructions	Conditional	1
-	Gross capital expenditure (accrual accounting)—equipment	Conditional	1
-	Gross capital expenditure (accrual accounting)—information technology	Mandatory	1
-	Gross capital expenditure (accrual accounting)—intangible assets	Mandatory	1
-	Gross capital expenditure (accrual accounting)—land	Mandatory	1
-	Gross capital expenditure (accrual accounting)—major medical equipment	Mandatory	1
-	Gross capital expenditure (accrual accounting)—other equipment	Mandatory	1

-	Gross capital expenditure (accrual accounting)—transport	Mandatory	1
-	Gross capital expenditure—computer equipment/installations	Mandatory	1
-	Gross capital expenditure—intangible assets	Mandatory	1
-	Gross capital expenditure—land and buildings	Mandatory	1
-	Gross capital expenditure—major medical equipment	Mandatory	1
-	Gross capital expenditure—other	Mandatory	1
-	Gross capital expenditure—plant and other equipment	Mandatory	1
-	Group sessions (public psychiatric, alcohol and drug hospital)—outreach and community	Mandatory	1
-	Group sessions—alcohol and other drug	Mandatory	1
-	Group sessions—allied health services	Mandatory	1
-	Group sessions—community health services	Mandatory	1
-	Group sessions—dental	Mandatory	1
-	Group sessions—dialysis	Mandatory	1
-	Group sessions—district nursing services	Mandatory	1
-	Group sessions—emergency services	Mandatory	1
-	Group sessions—endoscopy and related procedures	Mandatory	1
-	Group sessions—mental health	Mandatory	1
-	Group sessions—other medical/surgical/diagnostic	Mandatory	1
-	Group sessions—other outreach services	Mandatory	1
-	Group sessions—pathology	Mandatory	1
-	Group sessions—pharmacy	Mandatory	1
-	Group sessions—radiology and organ imaging	Mandatory	1
-	Individual sessions (public psychiatric, alcohol and drug hospital)—emergency and outpatient	Mandatory	1
-	Individual sessions (public psychiatric, alcohol and drug hospital)—outreach and community	Mandatory	1
-	Individual sessions—alcohol and drug	Mandatory	1
-	Individual sessions—allied health services	Mandatory	1
-	Individual sessions—community health services	Mandatory	1
-	Individual sessions—dental	Mandatory	1
-	Individual sessions—dialysis	Mandatory	1
-	Individual sessions—district nursing services	Conditional	1
-	Individual sessions—emergency services	Mandatory	1
-	Individual sessions—endoscopy and related procedures	Mandatory	1
-	Individual sessions—mental health	Mandatory	1
-	Individual sessions—other medical/surgical/diagnostic	Mandatory	1
-	Individual sessions—other outreach services	Mandatory	1

-	Individual sessions—pathology	Mandatory	1
-	Individual sessions—pharmacy	Mandatory	1
-	Individual sessions—radiology and organ imaging	Mandatory	1
-	Net capital expenditure (accrual accounting)—buildings and building services	Mandatory	1
-	Net capital expenditure (accrual accounting)—constructions	Mandatory	1
-	Net capital expenditure (accrual accounting)—equipment	Mandatory	1
-	Net capital expenditure (accrual accounting)—information technology	Mandatory	1
-	Net capital expenditure (accrual accounting)—intangible assets	Mandatory	1
-	Net capital expenditure (accrual accounting)—land	Mandatory	1
-	Net capital expenditure (accrual accounting)—major medical equipment	Mandatory	1
-	Net capital expenditure (accrual accounting)—other equipment	Mandatory	1
-	Net capital expenditure (accrual accounting)—transport	Mandatory	1
-	Number of available beds for admitted patients	Mandatory	1
-	Recurrent expenditure (indirect health care)— (public health and monitoring services	Mandatory	1
-	Recurrent expenditure (indirect health care)—central administrations	Mandatory	1
-	Recurrent expenditure (indirect health care)—central and statewide support services	Mandatory	1
-	Recurrent expenditure (indirect health care)—other	Mandatory	1
-	Recurrent expenditure (indirect health care)—patient transport services	Mandatory	1
-	Recurrent expenditure (salaries and wages)—administrative and clerical staff	Mandatory	1
-	Recurrent expenditure (salaries and wages)—diagnostic and health professionals	Mandatory	1
-	Recurrent expenditure (salaries and wages)—domestic and other staff	Mandatory	1
-	Recurrent expenditure (salaries and wages)—enrolled nurses	Mandatory	1
-	Recurrent expenditure (salaries and wages)—other personal care staff	Mandatory	1
-	Recurrent expenditure (salaries and wages)—registered nurses	Mandatory	1
-	Recurrent expenditure (salaries and wages)—salaried medical officers	Mandatory	1

-	Recurrent expenditure (salaries and wages)—student nurses	Mandatory	1
-	Recurrent expenditure (salaries and wages)—total	Mandatory	1
-	Recurrent expenditure (salaries and wages)—trainee/pupil nurses	Mandatory	1
-	Recurrent expenditure—administrative expenses	Mandatory	1
-	Recurrent expenditure—depreciation	Mandatory	1
-	Recurrent expenditure—domestic services	Mandatory	1
-	Recurrent expenditure—drug supplies	Mandatory	1
-	Recurrent expenditure—food supplies	Mandatory	1
-	Recurrent expenditure—interest payments	Mandatory	1
-	Recurrent expenditure—medical and surgical supplies	Mandatory	1
-	Recurrent expenditure—other recurrent expenditure	Mandatory	1
-	Recurrent expenditure—patient transport	Mandatory	1
-	Recurrent expenditure—payments to visiting medical officers	Mandatory	1
-	Recurrent expenditure—repairs and maintenance	Mandatory	1
-	Recurrent expenditure—superannuation employer contributions	Mandatory	1
-	Revenue—other	Mandatory	1
-	Revenue—patient	Mandatory	1
-	Revenue—recoveries	Mandatory	1
-	Specialised service indicators—acquired immune deficiency syndrome unit	Mandatory	1
-	Specialised service indicators—acute renal dialysis unit	Mandatory	1
-	Specialised service indicators—acute spinal cord injury unit	Mandatory	1
-	Specialised service indicators—alcohol and drug unit	Mandatory	1
-	Specialised service indicators—bone marrow transplantation unit	Mandatory	1
-	Specialised service indicators—burns unit (level III)	Mandatory	1
-	Specialised service indicators—cardiac surgery unit	Mandatory	1
-	Specialised service indicators—clinical genetics unit	Mandatory	1
-	Specialised service indicators—comprehensive epilepsy centre	Mandatory	1
-	Specialised service indicators—coronary care unit	Mandatory	1
-	Specialised service indicators—diabetes unit	Mandatory	1
-	Specialised service indicators—domiciliary care service	Mandatory	1
-	Specialised service indicators—geriatric assessment unit	Mandatory	1

-	Specialised service indicators—heart, lung transplantation unit	Mandatory	1
-	Specialised service indicators—hospice care unit	Mandatory	1
-	Specialised service indicators—in-vitro fertilisation unit	Mandatory	1
-	Specialised service indicators—infectious diseases unit	Mandatory	1
-	Specialised service indicators—intensive care unit (level III)	Mandatory	1
-	Specialised service indicators—liver transplantation unit	Mandatory	1
-	Specialised service indicators—maintenance renal dialysis centre	Mandatory	1
-	Specialised service indicators—major plastic/reconstructive surgery unit	Mandatory	1
-	Specialised service indicators—neonatal intensive care unit (level III)	Mandatory	1
-	Specialised service indicators—neuro surgical unit	Mandatory	1
-	Specialised service indicators—nursing home care unit	Mandatory	1
-	Specialised service indicators—obstetric/maternity	Mandatory	1
-	Specialised service indicators—oncology unit, cancer treatment	Mandatory	1
-	Specialised service indicators—pancreas transplantation unit	Mandatory	1
-	Specialised service indicators—psychiatric unit/ward	Mandatory	1
-	Specialised service indicators—rehabilitation unit	Mandatory	1
-	Specialised service indicators—renal transplantation unit	Mandatory	1
-	Specialised service indicators—sleep centre	Mandatory	1
-	Specialised service indicators—specialist paediatric	Mandatory	1
-	Teaching status	Mandatory	1
-	Type of non-admitted patient care (public psychiatric, alcohol and drug individual session) (emergency and outpatient)	Mandatory	1

Residential mental health care NMDS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METeOR identifier: 334067

Registration status: NHIG, Standard 07/12/2005

Data Set Specification type: National Minimum Data Set (NMDS)

Scope: Episodes of residential care for residents in all government-funded residential mental health care services in Australia, except those residential care services that are in receipt of funding under the Aged Care Act and subject to Commonwealth reporting requirements (i.e. report to the System for the payment of Aged Residential Care (SPARC) collection).

Collection and usage attributes

Collection methods: Data are collected at each service from resident administrative and care related record systems. Services forward data to the relevant state or territory health authority on a regular basis (e.g. monthly).

National reporting arrangements

State and territory health authorities provide the data to the Australian Institute of Health and Welfare for national collection, on an annual basis.

Western Australia will be able to only collect data for 2004-05 for those data elements that were included in the *National Health Data Dictionary version 12.*

Government-operated services that employ mental health trained staff on-site 24 hours per day are to be included from 1 July 2004.

Government-funded, non-government operated services and non 24-hour staffed services can be included from 1 July 2004, optionally.

For non 24-hour staffed services to be included they must employ mental health-trained staff on-site at least 50 hours per week with at least 6 hours staffing on any single day.

Periods for which data are collected and nationally collated

Financial years ending 30 June each year. The reference period starts on 1 July and ends on 30 June each year.

Statistical unit: Episodes of residential care.

Statistical units are entities from or about which statistics are collected, or in respect of which statistics are compiled, tabulated or published.

Implementation date for this version of the DSS:	1 July 2006
Comments:	Some admitted patient care services may meet the definition of a residential mental health service. However, as they are admitted patient care services, relevant data on their patients are reported to the National Minimum Data Set for Admitted Patient Care.
	Glossary items
	Some previous Knowledgebase data element concepts are available in the METeOR glossary. Currently the metadata search in METeOR does not cover glossary items however these items are available through links in the relevant metadata items. In addition links to the glossary terms that are relevant to this National minimum data set are included here.
	Episode of residential care end
	Episode of residential care start
	Resident
	Residential mental health care service

Relational attributes

Related metadata references:	Supersedes Residential mental health care NMDS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Additional diagnosis	Mandatory	1
-	Area of usual residence	Mandatory	1
-	Principal diagnosis	Mandatory	1
-	Australian state/territory identifier (establishment)	Mandatory	1
-	Country of birth	Conditional	1
-	Date of birth	Mandatory	1
-	Episode of residential care end date	Mandatory	1
-	Episode of residential care end mode	Mandatory	1
-	Episode of residential care start date	Mandatory	1
-	Episode of residential care start mode	Mandatory	1
-	Establishment identifier	Mandatory	1
-	Establishment number	Mandatory	1
-	Establishment sector	Mandatory	1
-	Indigenous status	Mandatory	1
-	Leave days from residential care	Mandatory	1
-	Marital status	Mandatory	1

-	Mental health legal status	Mandatory	1
-	Person identifier	Mandatory	1
-	Referral destination to further care (from specialised mental health residential care)	Mandatory	1
-	Region code	Mandatory	1
-	Residential stay start date	Mandatory	1
-	Sex	Mandatory	1

Other data set specifications

Acute coronary syndrome (clinical) DSS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	319741
Registration status:	NHIG, Standard 07/12/2005
Data Set Specification type:	Data Set Specification (DSS)
Scope:	The collection of acute coronary syndrome core data (ACS-Data) is a voluntary data collection with individual hospitals or health service areas developing collection methods and policies appropriate for their service.

Acute coronary syndromes reflect the spectrum of coronary artery disease resulting in acute myocardial ischaemia, and span unstable angina, non-ST segment elevation myocardial infarction (NSTEMI) and ST-segment elevation myocardial infarction (STEMI). Clinically these diagnoses encompass a wide variation in risk, require complex and time urgent risk stratification and represent a large social and economic burden.

The definitions used in this data set specification are designed to underpin the data collected by health professionals in their day-to-day acute care practice. They relate to the realities of an acute clinical consultation for patients presenting with chest pain/ discomfort and the need to correctly identify, evaluate and manage patients at increased risk of a coronary event.

The data elements specified in this metadata set provide a framework for:

1. promoting the delivery of evidenced-based acute coronary syndrome management care to patients;
2. facilitating the ongoing improvement in the quality and safety of acute coronary syndrome management in acute care settings in Australia and New Zealand;
3. improving the epidemiological and public health understanding of this syndrome; and
4. supporting acute care services as they develop information systems to complement the above.

This is particularly important as the scientific evidence supporting the development of the data elements within the ACS data set specification indicate that accurate identification of the evolving myocardial infarction patient or the high/intermediate risk patient leading to the

implementation of the appropriate management pathway impacts on the patient's outcome. Having a nationally recognised set of definitions in relation to defining a patient's diagnosis, risk status and outcomes is a prerequisite to achieving the above aims.

The ACS data set specification is based on the American College of Cardiology (ACC) Data Set for Acute Coronary Syndrome as published in the Journal of the American College of Cardiology in December 2001 (38:2114-30) as well as more recent scientific evidence around the diagnosis of myocardial infarction. The data elements are alphabetically listed and grouped in a similar manner to the American College of Cardiology's data set format. These features of the Australian ACS data set should ensure that the data is internationally comparable.

The data elements described here have been identified as high priority for inclusion in the NHDD for the collection of data relating to ACS management, along with supporting elements already existing within the NHDD (as listed). It is recommended that other data elements be collected as best practice - however, these are not listed here, as they are considered to be of a secondary priority. Such data elements include date of Coronary Artery Bypass Grafting (CABG), Percutaneous Coronary Intervention (PCI) and diagnostic cardiac catheterisation/angiography and recording the number of units of blood transfused.

However, the working group will approach the Australian Institute of Health and METeOR website.

Many of the data elements in this data set specification may also be used in the collection of other cardiovascular clinical information.

Where appropriate, it may be useful if the data definitions in this data set specification were used to address data definition needs in non-clinical environments such as public health surveys etc. This could allow for qualitative comparisons between data collected in, and aggregated from, clinical settings (i.e. using application of the ACS data set specification), with that collected through other means (e.g. public health surveys, reports).

A set of core ACS data elements and standardised definitions can inform the development and conduct of future registries at both the national and local level.

The working group formed under the National Heart Foundation of Australia (NHFA) and the Cardiac Society of Australia and New Zealand (CSANZ) initiative was diverse and included representation from the following organizations: the NHFA, the CSANZ, the Australasian College of Emergency Medicine, the Australian Institute of

Health and Welfare, the Australasian Society of Cardiac & Thoracic Surgeons, Royal Australian College of Physicians (RACP), RACP—Towards a Safer Culture, National Centre for Classification in Health (Brisbane), the NSW Aboriginal Health & Medical Research Council, the George Institute for International Health, the School of Population Health at the University of Western Australia and the National Cardiovascular Monitoring System Advisory Committee.

To ensure the broad acceptance of the data set, the working group also sought consultation from the heads of cardiology departments, other specialist professional bodies and regional key opinion leaders in the field of acute coronary syndromes.

Collection and usage attributes

Collection methods: This data set specification is primarily concerned with the clinical use of ACS-Data. Acute care environments such as hospital emergency departments, coronary care units or similar acute care areas are the settings in which implementation of the core ACS data set specification should be considered. A wider range of health and health related establishments that create, use or maintain, records on health care clients, could also use it.

Implementation date for this version of the DSS: 31 March 2006

Relational attributes

Related metadata references: Supersedes Acute coronary syndrome (clinical) DSS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Acute coronary syndrome procedure type	Mandatory	1
-	Acute coronary syndrome stratum	Mandatory	1
-	Angiotensin converting enzyme (ACE) inhibitors therapy status	Mandatory	1
-	Aspirin therapy status	Mandatory	1
-	Beta-blocker therapy status	Mandatory	1
-	Bleeding episode using TIMI criteria (status)	Mandatory	1
-	Blood pressure—diastolic (measured)	Mandatory	1
-	Blood pressure—systolic (measured)	Mandatory	1
-	Chest pain pattern category	Mandatory	1
-	Cholesterol—HDL (measured)	Mandatory	1
-	Cholesterol—LDL (calculated)	Mandatory	1

-	Cholesterol—total (measured)	Mandatory	1
-	Clinical evidence of chronic lung disease (status)	Mandatory	1
-	Clinical evidence of heart failure (status)	Mandatory	1
-	Clinical evidence of peripheral arterial disease (status)	Mandatory	1
-	Clinical evidence of sleep apnoea syndrome (status)	Mandatory	1
-	Clinical evidence of stroke (status)	Mandatory	1
-	Clinical procedure timing (status)	Conditional	1
-	Clopidogrel therapy status	Mandatory	1
-	Concurrent clinical condition (on presentation)	Mandatory	1
-	Country of birth	Mandatory	1
-	Creatine kinase MB isoenzyme level (index code)	Mandatory	1
-	Creatine kinase MB isoenzyme level (international units)	Mandatory	1
-	Creatine kinase MB isoenzyme level (kCat per litre)	Optional	1
-	Creatine kinase MB isoenzyme level (micrograms per litre)	Optional	1
-	Creatine kinase MB isoenzyme level (nanograms per decilitre)	Optional	1
-	Creatine kinase MB isoenzyme level (percentage)	Mandatory	1
-	Creatine kinase MB isoenzyme—upper limit of normal range (index code)	Mandatory	1
-	Creatine kinase MB isoenzyme—upper limit of normal range (international units)	Optional	1
-	Creatine kinase MB isoenzyme—upper limit of normal range (kCat per litre)	Optional	1
-	Creatine kinase MB isoenzyme—upper limit of normal range (micrograms per litre)	Optional	1
-	Creatine kinase MB isoenzyme—upper limit of normal range (nanograms per decilitre)	Conditional	1
-	Creatine kinase MB isoenzyme—upper limit of normal range (percentage)	Mandatory	1
-	Creatinine serum level (measured)	Optional	1
-	Date creatine kinase MB isoenzyme measured	Optional	1
-	Date of birth	Mandatory	1
-	Date of first angioplasty balloon inflation or stenting	Conditional	0
-	Date of intravenous fibrinolytic therapy	Mandatory	1
-	Date of referral to rehabilitation	Mandatory	1
-	Date of triage	Mandatory	1
-	Date patient presents	Mandatory	1
-	Date troponin measured	Mandatory	1
-	Diabetes status	Mandatory	1

-	Electrocardiogram change location	Conditional	1
-	Electrocardiogram change type	Mandatory	1
-	Fibrinolytic drug used	Mandatory	1
-	Fibrinolytic therapy status	Mandatory	1
-	Functional stress test element	Mandatory	1
-	Functional stress test ischaemic result	Mandatory	1
-	Glycoprotein IIb/IIIa receptor antagonist (status)	Mandatory	1
-	Heart rate	Mandatory	1
-	Heart rhythm type	Mandatory	1
-	Height (self-reported)	Mandatory	1
-	Indigenous status	Mandatory	1
-	Killip classification code	Mandatory	1
-	Lipid-lowering therapy status	Mandatory	1
-	Mode of separation	Mandatory	1
-	Myocardial infarction (history)	Mandatory	1
-	Non-admitted patient emergency department service episode—triage category, code N	Optional	1
-	Person identifier	Mandatory	1
-	Premature cardiovascular disease family history (status)	Mandatory	1
-	Reason for readmission—acute coronary syndrome	Mandatory	1
-	Separation date	Mandatory	1
-	Sex	Mandatory	1
-	Time creatine kinase MB isoenzyme measured	Optional	1
-	Time of first angioplasty balloon inflation or stenting	Mandatory	1
-	Time of intravenous fibrinolytic therapy	Mandatory	1
-	Time of triage	Mandatory	1
-	Time patient presents	Mandatory	1
-	Time troponin measured	Mandatory	1
-	Tobacco smoking status	Mandatory	1
-	Triglyceride level (measured)	Mandatory	1
-	Troponin assay type	Mandatory	1
-	Troponin assay—upper limit of normal range (micrograms per litre)	Optional	1
-	Troponin level (measured)	Mandatory	1
-	Type of visit to emergency department	Mandatory	1
-	Vascular history	Mandatory	1
-	Weight (self-reported)	Mandatory	1

Cancer (clinical) DSS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METeOR identifier: 334019

Registration status: NHIG, Standard 07/12/2005

Data Set Specification type: Data Set Specification (DSS)

Scope: This Cancer (clinical) data set specification is not mandated for collection but is recommended as best practice if cancer clinical data are to be collected.

The Cancer (clinical) data set underpins the evaluation of cancer treatment services and this can occur at a number of levels; the individual clinician, the health care institution, at state or territory level and ultimately at a national level.

Clinicians use such data for ongoing patient management and the ability to link patient management to outcomes allows treatments or outcomes to be identified and assessed. Institutions can monitor through-put in their centres for planning and resource allocation purposes to obtain optimum return for cancer expenditure. End-points can be monitored to ensure that objectives are being met.

The principal aim of good-quality and consistent data is to provide information that can lead to improved quality and length of life for all patients by providing a systematic foundation for evidence-based medicine, informing quality assurance and improvement decisions and guiding successful planning and evaluation of cancer control activities.

Collection and usage attributes

Collection methods: This data set is primarily concerned with the clinical use of cancer data. It can also be used by a wider range of health and health-related establishments that create, use, or maintain records on health-care clients.

Implementation date for this version of the DSS: 24th March 2006

Source and reference attributes

Submitting organisation: National Cancer Control Initiative (NCCI)

Relational attributes

Related metadata references: Supersedes Cancer (clinical) DSS NHIG, Superseded 07/12/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Address line (person)	Mandatory	1
-	Cancer initial treatment completion date	Mandatory	1
-	Cancer initial treatment starting date	Mandatory	1
-	Cancer staging—M stage code	Mandatory	1
-	Cancer staging—N stage code	Mandatory	1
-	Cancer staging—T stage code	Mandatory	1
-	Cancer staging—TNM stage grouping code	Mandatory	1
-	Cancer treatment type	Mandatory	1
-	Cancer treatment—target site (ICD-10-AM)	Mandatory	1
-	Cancer treatment—target site (ICDO-3)	Mandatory	1
-	Date of birth	Mandatory	1
-	Date of death	Mandatory	1
-	Date of diagnosis of cancer	Mandatory	1
-	Date of diagnosis of first recurrence	Mandatory	1
-	Date of surgical treatment for cancer	Mandatory	1
-	Establishment number	Mandatory	1
-	Family name	Mandatory	1
-	Given name(s)	Mandatory	1
-	Histopathological grade	Mandatory	1
-	Intention of treatment for cancer	Mandatory	1
-	Laterality of primary cancer	Conditional	1
-	Medicare card number	Mandatory	1
-	Morphology of cancer	Conditional	0
-	Most valid basis of diagnosis of cancer	Conditional	1
-	Oestrogen receptor assay status	Mandatory	1
-	Outcome of initial treatment	Mandatory	1
-	Person identifier	Mandatory	1
-	Primary site of cancer (ICD-10-AM code)	Mandatory	1
-	Primary site of cancer (ICDO-3 code)	Conditional	1
-	Progesterone receptor assay results	Conditional	1
-	Radiotherapy treatment type	Mandatory	1
-	Received radiation dose	Mandatory	1
-	Region of first recurrence	Mandatory	1
-	Regional lymph nodes examined	Mandatory	1
-	Regional lymph nodes positive	Conditional	1
-	Sex	Mandatory	1

-	Staging basis of cancer	Mandatory	1
-	Staging scheme source	Mandatory	1
-	Staging scheme source edition number	Mandatory	1
-	Surgical treatment procedure for cancer	Mandatory	1
-	Systemic therapy agent name	Mandatory	1
-	Tumour size at diagnosis (solid tumours)	Mandatory	1
-	Tumour thickness at diagnosis (melanoma)	Mandatory	1

Cardiovascular disease (clinical) DSS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METeOR identifier: 273052

Registration status: NHIG, Standard 01/03/2005

Data Set Specification type: Data Set Specification (DSS)

Scope: The collection of cardiovascular data (CV-Data) in this metadata set is voluntary.

The definitions used in CV-Data are designed to underpin the data collected by health professionals in their day-to-day practice. They relate to the realities of a clinical consultation and the ongoing nature of care and relationships that are formed between doctors and patients in clinical practice.

The data elements specified in this metadata set provide a framework for:

- promoting the delivery of high quality cardiovascular disease preventive and management care to patients,

- facilitating ongoing improvement in the quality of cardiovascular and chronic disease care predominantly in primary care and other community settings in Australia, and

- supporting general practice and other primary care services as they develop information systems to complement the above.

This is particularly important as general practice is the setting in which chronic disease prevention and management predominantly takes place. Having a nationally recognised set of definitions in relation to defining a patient's cardiovascular behavioural, social and biological risk factors, and their prevention and management status for use in these clinical settings, is a prerequisite to achieving these aims.

Many of the data elements in this metadata set are also used in the collection of diabetes clinical information.

Where appropriate, it may be useful if the data definitions in this metadata set were used to address data definition needs for use in non-clinical environments such as public health surveys etc. This could allow for qualitative comparisons between data collected in, and aggregated from clinical settings (i.e. using application of CV-Data), with that collected through other means (e.g. public health surveys).

Collection and usage attributes

Collection methods: This metadata set is primarily concerned with the clinical use of CV-data. It could also be used by a wider range of health and health related establishments that create, use or maintain, records on health care clients.

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Alcohol consumption frequency (self reported)	Mandatory	1
-	Alcohol consumption in standard drinks per day (self reported)	Mandatory	1
-	Behaviour-related risk factor intervention—purpose	Mandatory	5
-	Behaviour-related risk factor intervention purpose	Mandatory	8
-	Blood pressure—diastolic (measured)	Mandatory	1
-	Blood pressure—systolic (measured)	Mandatory	1
-	Cholesterol—HDL (measured)	Mandatory	1
-	Cholesterol—LDL (calculated)	Mandatory	1
-	Cholesterol—total (measured)	Mandatory	1
-	Country of birth	Mandatory	1
-	Creatinine serum level (measured)	Mandatory	1
-	CVD drug therapy—condition	Mandatory	1
-	Date of birth	Mandatory	1
-	Date of diagnosis	Mandatory	1
-	Date of referral to rehabilitation	Conditional	1
-	Diabetes status	Mandatory	1
-	Diabetes therapy type	Mandatory	1
-	Division of General Practice number	Mandatory	1
-	Fasting status	Mandatory	1
-	Formal community support access status	Mandatory	1
-	Height (measured)	Mandatory	1
-	Indigenous status	Mandatory	1
-	Informal carer availability	Mandatory	1
-	Labour force status	Mandatory	1
-	Living arrangement	Mandatory	1
-	Person identifier	Mandatory	1
-	Physical activity sufficiency status	Mandatory	1
-	Postcode—Australian (person)	Mandatory	1
-	Preferred language	Mandatory	1

-	Premature cardiovascular disease family history (status)	Mandatory	1
-	Proteinuria status	Mandatory	1
-	Renal disease therapy	Mandatory	1
-	Service contact date	Mandatory	99
-	Sex	Mandatory	1
-	Tobacco smoking status	Mandatory	1
-	Tobacco smoking—consumption/quantity (cigarettes)	Mandatory	1
-	Triglyceride level (measured)	Mandatory	1
-	Vascular history	Mandatory	1
-	Vascular procedures	Mandatory	1
-	Waist circumference (measured)	Mandatory	1
-	Weight in kilograms (measured)	Mandatory	1

Computer Assisted Telephone Interview demographic module DSS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	291112
Registration status:	NHIG, Standard 04/05/2005
Data Set Specification type:	Data Set Specification (DSS)
Scope:	Key demographic set for use in Computer Assisted Telephone Interviewing (CATI) health surveys. It is intended to be used by anyone conducting population health surveys using the CATI mode, such as state/territory government health agencies. This data set is to standardise demographic collection in all CATI surveys of health topics, such as CATI asthma and CATI diabetes surveys.
	The standardisation of the collection of health survey data is a major focus of the National Public Health Partnership (NPHP) work plan. The CATI demographic module DSS is not mandated for collection but recommended as best practice.

Collection and usage attributes

Collection methods:	Population health surveys conducted by CATI
Implementation date for this version of the DSS:	5th April 2006

Source and reference attributes

Submitting organisation:	National Public Health Information Working Group.

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Age	Optional	1
-	Age range	Optional	1
-	Country of birth	Optional	1
-	Date of birth	Optional	1
-	Household annual gross income range	Optional	1
-	Household annual gross income range ($ 10,000 range)	Optional	1
-	Indigenous status	Optional	1
-	Marital status	Optional	1
-	Postcode—Australian (person)	Optional	1
-	Sex	Optional	1
-	Suburb/town/locality name (person)	Optional	1
-	Year of arrival in Australia	Optional	1

Diabetes (clinical) DSS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METeOR identifier: 304865

Registration status: NHIG, Standard 21/09/2005

Data Set Specification type: Data Set Specification (DSS)

Scope: The use of this standard is voluntary.

However, if data is to be collected the Diabetes (clinical) Data Set Specification (DSS) aims to ensure national consistency in relation to defining, monitoring and recording information on patients diagnosed with diabetes.

The Diabetes (clinical) DSS relates to the clinical status of, the provision of services for, and the quality of care delivered to individuals with diabetes, across all health care settings including:

- General Practitioners;
- Divisions of General Practice;
- Diabetes Centres'
- Specialists in private practice; and
- Community Health Nurses and Diabetes Educators.

The Diabetes (clinical) DSS:

- provides concise, unambiguous definitions for items/conditions related to diabetes quality care, and
- aims to ensure standardised methodology of data collection in Australia.

The expectation is that collection of this data set facilitates good quality of care, contributes to preventive care and has the potential to enhance self-management by patients with diabetes.

The underlying goal is improvement of the length and quality of life of patients with diabetes, and prevention or delay in the development of diabetes related complications.

Collection and usage attributes

Collection methods: This metadata set is primarily concerned with the clinical use of Diabetes data. It could/should be used by health and health related establishments that create, use or maintain, records on health care clients.

One methodology is for data to be collected over a 1-month period of all diabetes patients presenting at sites

participating in the collection. The information is de-identified to protect the privacy of individuals. The participation is voluntary. An individual Benchmarking report is provided. The results provide a snapshot of care of people with diabetes.

Implementation date for this version of the DSS:	31 March 2006
Comments:	Statistical units are entities from or about which statistics are collected or in respect of which statistics are compiled, tabulated or published.
	Scope links with other Metadata sets
	Cardiovascular disease (clinical) DSS.

Source and reference attributes

Submitting organisation:	National Diabetes Data Working Group

Relational attributes

Related metadata references:	Supersedes Diabetes (clinical) DSS NHIG, Superseded 21/09/2005

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Blindness (diabetes complication)	Mandatory	1
-	Blood pressure—diastolic (measured)	Mandatory	1
-	Blood pressure—systolic (measured)	Mandatory	1
-	Cardiovascular medication (current)	Mandatory	1
-	Cataract—history	Mandatory	4
-	Cerebral stroke due to vascular disease (history)	Mandatory	1
-	Cholesterol—HDL (measured)	Mandatory	1
-	Cholesterol—total (measured)	Mandatory	1
-	Coronary artery disease—history of intervention or procedure	Mandatory	1
-	Creatinine serum level (measured)	Mandatory	1
-	Date of birth	Mandatory	1
-	Diabetes status	Mandatory	1
-	Diabetes therapy type	Mandatory	1
-	Dyslipidaemia treatment indicator	Mandatory	1
-	Erectile dysfunction	Mandatory	1
-	Fasting status	Mandatory	1
-	Foot deformity	Mandatory	1
-	Foot lesion (active)	Mandatory	1

-	Foot ulcer (history)	Mandatory	1
-	Foot ulcer (current)	Mandatory	1
-	Glycosylated haemoglobin level (measured)	Mandatory	1
-	Glycosylated Haemoglobin—upper limit of normal range (percentage)	Mandatory	1
-	Health professionals attended (diabetes mellitus)	Mandatory	1
-	Height (measured)	Mandatory	1
-	Hypertension—treatment	Mandatory	1
-	Hypoglycaemia - severe	Mandatory	1
-	Indigenous status	Mandatory	1
-	Initial visit indicator—diabetes mellitus	Mandatory	1
-	Lower limb amputation due to vascular disease	Mandatory	1
-	Microalbumin level—albumin/creatinine ratio (measured)	Conditional	1
-	Microalbumin level—micrograms per minute (measured)	Conditional	1
-	Microalbumin level—milligrams per 24 hour (measured)	Conditional	1
-	Microalbumin level—milligrams per litre (measured)	Conditional	1
-	Microalbumin level—upper limit of normal range (albumin/creatinine ratio)	Conditional	1
-	Microalbumin level—upper limit of normal range (micrograms per minute)	Conditional	1
-	Microalbumin level—upper limit of normal range (milligrams per 24 hour)	Conditional	1
-	Microalbumin level—upper limit of normal range (milligrams per litre)	Conditional	1
-	Myocardial infarction (history)	Mandatory	1
-	Ophthalmological assessment—outcome (left retina)	Mandatory	1
-	Ophthalmological assessment—outcome (right retina)	Mandatory	1
-	Ophthalmoscopy performed indicator	Mandatory	1
-	Peripheral neuropathy (status)	Mandatory	1
-	Peripheral vascular disease in feet (status)	Mandatory	1
-	Pregnancy—current status	Mandatory	1
-	Referred to ophthalmologist (diabetes mellitus)	Mandatory	1
-	Renal disease—end-stage (diabetes complication)	Mandatory	1
-	Service contact date	Mandatory	1
-	Sex	Mandatory	1
-	Tobacco smoking status (diabetes mellitus)	Mandatory	1
-	Triglyceride level (measured)	Mandatory	1

-	Visual acuity (left eye)	Mandatory	1
-	Visual acuity (right eye)	Mandatory	1
-	Weight in kilograms (measured)	Mandatory	1
-	Year insulin started	Mandatory	1
-	Year of diagnosis of diabetes mellitus	Mandatory	1

Health care client identification DSS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	288765
Registration status:	NHIG, Standard 04/05/2005
Data Set Specification type:	Data Set Specification (DSS)
Scope:	Scope

The data elements specified in this metadata set provide a framework for improving the positive identification of persons in health care organisations. This metadata set applies in respect of all potential or actual clients of the Australian health care system. It defines demographic and other identifying data elements suited to capture and use for person identification in health care settings.

The objectives in collecting the data elements in this metadata set are to promote uniformly good practice in:

- identifying individuals

- recording identifying data so as to ensure that each individual's health records will be associated with that individual and no other.

The process of positively identifying people within a health care service delivery context entails matching data supplied by those individuals against data the service provider holds about them. The positive and unique identification of health care clients is a critical event in health service delivery, with direct implications for the safety and quality of health care.

There are many barriers to successfully identifying individuals in health care settings, including variable data quality; differing data capture requirements and mechanisms; and varying data matching methods. These definitions provide a base for improving the confidence of health service providers and clients alike that the data being associated with any given individual, and upon which clinical decisions are made, is appropriately associated.

Collection and usage attributes

Collection methods: This metadata set is primarily concerned with the clinical use of Health care client identification data. It should be used by health and health-related establishments that create, use or maintain, records on health care clients.

Establishments should use this metadata set, where appropriate, for collecting data when registering health care

clients or potential health care clients.

The collection of data based on this metadata set is voluntary.

National reporting arrangements

Collectors of this metadata set should refer to relevant privacy legislation, codes of fair information practice and other guidelines so as not to breach personal privacy in their collection, use, storage and disclosure of health care client information. There is no comprehensive privacy legislation covering both the public and private sectors across Australia so users need to consider their particular set of circumstances (i.e. location and sector) and whether privacy legislation covers those circumstances.

A Commonwealth legislative scheme applies to the private sector. Users may refer to the Federal Privacy Commissioner's web site for assistance in complying with their privacy obligations. In the public sector, in instances where no legislation, code of fair information practice or other guidelines covers the particular circumstances, users should refer to AS 4400 Personal privacy protection in health care information systems.

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Address line (person)	Mandatory	1
-	Address type (person)	Mandatory	1
-	Address—country identifier (person)	Mandatory	1
-	Australian state/territory identifier	Conditional	0
-	Birth order	Mandatory	1
-	Birth plurality	Mandatory	1
-	Building/complex sub-unit number (person)	Mandatory	1
-	Building/complex sub-unit type—abbreviation (person)	Mandatory	1
-	Building/property name (person)	Mandatory	1
-	Centrelink customer reference number	Mandatory	1
-	Country of birth	Mandatory	1
-	Date accuracy indicator	Mandatory	1
-	Date of birth	Mandatory	1
-	Electronic communication address (person)	Mandatory	1
-	Electronic communication medium (person)	Mandatory	1
-	Electronic communication usage code (person)	Mandatory	1
-	Establishment identifier	Mandatory	1
-	Establishment number	Mandatory	1

-	Establishment sector	Mandatory	1
-	Family name	Mandatory	1
-	Floor/level number (person)	Mandatory	1
-	Floor/level type (person)	Mandatory	1
-	Given name sequence number	Mandatory	1
-	Given name(s)	Mandatory	1
-	House/property number (person)	Mandatory	1
-	Indigenous status	Conditional	1
-	Lot/section number (person)	Mandatory	1
-	Medicare card number	Mandatory	1
-	Mother's original family name	Mandatory	1
-	Name context flag	Mandatory	1
-	Name suffix	Mandatory	1
-	Name suffix sequence number	Mandatory	1
-	Name title	Mandatory	1
-	Name title sequence number	Mandatory	1
-	Name type	Mandatory	1
-	Non-Australian state/province (person)	Mandatory	1
-	Person identifier	Mandatory	1
-	Person identifier type—health care (person)	Mandatory	1
-	Postal delivery point identifier (person)	Mandatory	1
-	Postcode—Australian (person)	Mandatory	1
-	Postcode—international (person)	Mandatory	1
-	Region code	Mandatory	1
-	Sex	Mandatory	1
-	State/territory of birth	Mandatory	1
-	Street name (person)	Mandatory	1
-	Street suffix code (person)	Mandatory	1
-	Street type code (person)	Mandatory	1
-	Suburb/town/locality name (person)	Mandatory	1

Health care provider identification DSS

Identifying and definitional attributes

Metadata item type:	Data Set Specification
METeOR identifier:	289061
Registration status:	NHIG, Standard 04/05/2005
Data Set Specification type:	Data Set Specification (DSS)
Scope:	The scope of these data elements includes identification of individual and organisation health care providers. The data elements also allow for identification of an individual in a health care organisation. The definition of health care provider is:

'any person or organisation who is involved in or associated with the delivery of healthcare to a client, or caring for client wellbeing'.

The data elements have been defined to enable a common, best practice approach to the way data are captured and stored, to ensure that records relating to a provider will be associated with that individual and/or organisation and no other. The definitions are proposed for clinical and administrative data management purposes.

The ability to positively identify health care providers and locate their relevant details is an important support to the provision of speedy, safe, high quality, comprehensive and efficient health care. Unambiguous identification of individual health care providers is necessary for:

- Requesting and reporting of orders, tests and results (e.g. pathology, diagnostic imaging)
- Other communications and referrals between health care providers regarding ongoing care of patients (e.g. a referral from a GP to a specialist, a hospital discharge plan)
- Reporting on health care provision to statutory authorities (e.g. reporting of hospital patient administration systems data to state/territory government health agencies)
- Payments to providers
- Registration of providers
- Directories or lists of providers and their service locations for consumer information.

Collection and usage attributes

Collection methods:	Collected at point of entry to health care for the purposes of the identification of the provider of that health care.

Implementation date for this version of the DSS:	22nd March 2006		

Comments: There are many barriers to successfully identifying individuals in health care settings, including variable data quality; differing data capture requirements and mechanisms; and varying data matching methods. This data set specification provides a framework for improving the confidence that the data being associated with any given individual or organisation, is appropriately associated.

Source and reference attributes

Submitting organisation: Standards Australia Inc Health Informatics Committee (IT-014)

Reference documents: Health care client identification DSS

The Australian Standard AS4846 Health Care Provider Identification identifies other data that should be collected. These data are collections of free text information and as such are not capable of standardisation as a national health data standard. Within AS4846 however they form part of the data collection necessary for the complete identification of a heath care provider.

These data elements are identified in the section Standardised elsewhere section below.

If these data elements are collected in conjunction with those of the Data set specification they form a collection equivalent to that of the Australian Standard AS4846.

Metadata items in this Data Set Specification

Seq No.	Metadata item	Obligation	Max occurs
-	Address line (person)	Mandatory	1
-	Address line (service provider organisation)	Mandatory	1
-	Address type (person)	Mandatory	1
-	Address type (service provider organisation)	Mandatory	1
-	Address—country identifier (person)	Mandatory	1
-	Australian state/territory identifier	Mandatory	1
-	Australian state/territory identifier (Service provider organisation)	Mandatory	1
-	Building/complex sub-unit number (person)	Mandatory	1
-	Building/complex sub-unit number (service provider organisation)	Mandatory	1
-	Building/complex sub-unit type—abbreviation (person)	Mandatory	1
-	Building/complex sub-unit type—abbreviation (service provider organisation)	Mandatory	1
-	Building/property name (person)	Mandatory	1

-	Building/property name (service provider organisation)	Mandatory	1
-	Date accuracy indicator	Mandatory	1
-	Date of birth	Mandatory	1
-	Date of death	Mandatory	1
-	Electronic communication address (person)	Mandatory	1
-	Electronic communication address (service provider organisation)	Mandatory	1
-	Electronic communication medium (person)	Mandatory	1
-	Electronic communication medium (service provider organisation)	Mandatory	1
-	Electronic communication usage code (person)	Mandatory	1
-	Family name	Mandatory	1
-	Floor/level number (person)	Mandatory	1
-	Floor/level number (service provider organisation)	Mandatory	1
-	Floor/level type (person)	Mandatory	1
-	Floor/level type (service provider organisation)	Mandatory	1
-	Given name sequence number	Mandatory	1
-	Given name(s)	Mandatory	1
-	House/property number (person)	Mandatory	1
-	House/property number (service provider organisation)	Mandatory	1
-	Lot/section number (person)	Mandatory	1
-	Lot/section number (service provider organisation)	Mandatory	1
-	Name context flag	Mandatory	1
-	Name suffix	Mandatory	1
-	Name suffix sequence number	Mandatory	1
-	Name title	Mandatory	1
-	Name title sequence number	Mandatory	1
-	Name type	Mandatory	1
-	Name type (Service provider organisation)	Mandatory	1
-	Non-Australian state/province (person)	Mandatory	1
-	Non-Australian state/province (service provider organisation)	Mandatory	1
-	Organisation end date	Mandatory	1
-	Organisation name	Mandatory	1
-	Organisation start date	Mandatory	1
-	Person identifier	Mandatory	1
-	Postal delivery point identifier (person)	Mandatory	1
-	Postal delivery point identifier (service provider organisation)	Mandatory	1

-	Postcode—Australian (person)	Mandatory	1
-	Postcode—Australian (Service provider organisation)	Mandatory	1
-	Postcode—international (person)	Mandatory	1
-	Postcode—international (service provider organisation)	Mandatory	1
-	Provider occupation category (self identified)	Mandatory	1
-	Provider occupation end date	Mandatory	1
-	Provider occupation start date	Mandatory	1
-	Sex	Mandatory	1
-	Street name (person)	Mandatory	1
-	Street name (service provider organisation)	Mandatory	1
-	Street suffix code (person)	Mandatory	1
-	Street suffix code (service provider organisation)	Mandatory	1
-	Street type code (person)	Mandatory	1
-	Street type code (service provider organisation)	Mandatory	1
-	Suburb/town/locality name (person)	Mandatory	1
-	Suburb/town/locality name (service provider organisation)	Mandatory	1

Metadata on the CD-ROM

The following metadata items may be found on the CD-ROM included with this book or may be accessed online through

http://meteor.aihw.gov.au

- Data elements
- Object classes
- Property
- Classification scheme
- Glossary item

Data elements included in National minimum data sets—Commonly used name order

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Accrued mental health care days											✔					
Activity when injured	✔									✔						
Activity when injured (non-admitted patient)										✔						
Actual place of birth														✔		
Additional diagnosis	✔	✔	✔													✔
Admission date	✔	✔	✔													
Admitted patient election status	✔															
Apgar score at 5 minutes														✔		
Area of usual residence	✔	✔	✔		✔							✔				✔
Australian state/territory identifier (establishment)	✔				✔						✔					✔

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Birth order														✔		
Birth plurality														✔		
Bodily location of main injury										✔						
Care type	✔	✔	✔													
Carer participation arrangements—carer consultants employed											✔					
Carer participation arrangements—carer satisfaction surveys											✔					
Carer participation arrangements—formal complaints mechanism											✔					
Carer participation arrangements—formal participation policy											✔					
Carer participation arrangements—regular discussion groups											✔					
Census date							✔									
Classification of health labour force job									✔							
Client type (alcohol and other drug treatment services)				✔												
Clinical urgency							✔	✔								
Co-location status of mental health service											✔					
Compensable status												✔				

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Consumer committee representation arrangements											✔					
Consumer participation arrangements—consumer consultants employed											✔					
Consumer participation arrangements—consumer satisfaction surveys											✔					
Consumer participation arrangements—formal complaints mechanism											✔					
Consumer participation arrangements—formal participation policy											✔					
Consumer participation arrangements—regular discussion groups											✔					
Country of birth	✔	✔	✔	✔	✔							✔		✔		✔
Date of birth	✔	✔	✔	✔	✔				✔			✔		✔		✔
Date of cessation of treatment episode for alcohol and other drugs				✔												
Date of commencement of treatment episode for alcohol and other drugs				✔												
Date of triage												✔				
Date patient presents												✔				
Department of Veterans' Affairs patient												✔				
Diagnosis related group	✔	✔														
Emergency department arrival mode—transport												✔				

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Emergency department date of commencement of service event												✔				
Emergency department service episode end status												✔				
Emergency department time of commencement of service event												✔				
Employment status—admitted patient		✔														
Employment status—public psychiatric hospital admissions		✔														
Episode of residential care end date																✔
Episode of residential care end mode																✔
Episode of residential care start date																✔
Episode of residential care start mode																✔
Establishment identifier		✔	✔	✔	✔	✔	✔	✔			✔	✔	✔	✔	✔	✔
Establishment number	✔				✔						✔					✔
Establishment sector	✔				✔						✔					✔
Establishment type															✔	
Extended wait patient							✔	✔								
External cause (ICD-10-AM)	✔									✔						

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
External cause—human intent										✔						
Food supplies (expenditure)											✔				✔	
Full-time equivalent staff (mental health establishments)											✔					
Full-time equivalent staff—administrative and clerical staff											✔				✔	
Full-time equivalent staff—average						✔										
Full-time equivalent staff—carer consultants											✔					
Full-time equivalent staff—consultant psychiatrists and psychiatrists											✔					
Full-time equivalent staff—consumer consultants											✔					
Full-time equivalent staff—diagnostic and health professionals											✔				✔	
Full-time equivalent staff—domestic and other staff											✔				✔	
Full-time equivalent staff—enrolled nurses											✔				✔	
Full-time equivalent staff—occupational therapists											✔					
Full-time equivalent staff—other diagnostic and health professionals											✔					
Full-time equivalent staff—other medical officers											✔					
Full-time equivalent staff—other personal care staff											✔				✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Full-time equivalent staff—psychiatry registrars and trainees											✔					
Full-time equivalent staff—psychologists											✔					
Full-time equivalent staff—registered nurses											✔				✔	
Full-time equivalent staff—salaried medical officers											✔				✔	
Full-time equivalent staff—social workers											✔					
Full-time equivalent staff—student nurses															✔	
Full-time equivalent staff—trainee/pupil nurses															✔	
Funding source for hospital patient	✔		✔													
Geographical location of establishment						✔					✔				✔	
Geographical location of service delivery outlet				✔												
Gestational age														✔		
Grants for non-government organisations—self-help support groups services											✔					
Grants to non-government organisations by non-health departments—mental health services											✔					
Grants to non-government organisations—accommodation services											✔					
Grants to non-government organisations—advocacy services											✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Grants to non-government organisations—community awareness/health promotion services											✔					
Grants to non-government organisations—counselling services											✔					
Grants to non-government organisations—independent living skills support services											✔					
Grants to non-government organisations—other and unspecified mental health services											✔					
Grants to non-government organisations—pre-vocational training services											✔					
Grants to non-government organisations—psychosocial support services											✔					
Grants to non-government organisations—recreation services											✔					
Grants to non-government organisations—respite services											✔					
Gross capital expenditure (accrual accounting)—buildings and building services															✔	
Gross capital expenditure (accrual accounting)—constructions															✔	
Gross capital expenditure (accrual accounting)—equipment															✔	
Gross capital expenditure (accrual accounting)—information technology															✔	
Gross capital expenditure (accrual accounting)—intangible assets															✔	
Gross capital expenditure (accrual accounting)—land															✔	
Gross capital expenditure (accrual accounting)—major medical equipment															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Gross capital expenditure (accrual accounting)—other equipment															✔	
Gross capital expenditure (accrual accounting)—transport															✔	
Gross capital expenditure—computer equipment/installations															✔	
Gross capital expenditure—intangible assets															✔	
Gross capital expenditure—land and buildings															✔	
Gross capital expenditure—major medical equipment															✔	
Gross capital expenditure—other															✔	
Gross capital expenditure—plant and other equipment															✔	
Group sessions (public psychiatric, alcohol and drug hospital)—emergency and outpatient															✔	
Group sessions (public psychiatric, alcohol and drug hospital)—outreach and community															✔	
Group sessions—alcohol and other drug															✔	
Group sessions—allied health services															✔	
Group sessions—community health services															✔	
Group sessions—dental															✔	
Group sessions—dialysis															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Group sessions—district nursing services															✔	
Group sessions—emergency services															✔	
Group sessions—endoscopy and related procedures															✔	
Group sessions—mental health															✔	
Group sessions—other medical/surgical/diagnostic															✔	
Group sessions—other outreach services															✔	
Group sessions—pathology															✔	
Group sessions—pharmacy															✔	
Group sessions—radiology and organ imaging															✔	
Hospital insurance status	✔															
Hours on-call (not worked) by medical practitioner									✔							
Hours worked by health professional									✔							
Hours worked by medical practitioner in direct patient care									✔							
Indicator procedure							✔	✔								
Indigenous status	✔	✔	✔	✔	✔							✔		✔		✔

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Individual sessions (public psychiatric, alcohol and drug hospital)—emergency and outpatient															✔	
Individual sessions (public psychiatric, alcohol and drug hospital)—outreach and community															✔	
Individual sessions—alcohol and drug															✔	
Individual sessions—allied health services															✔	
Individual sessions—community health services															✔	
Individual sessions—dental															✔	
Individual sessions—dialysis															✔	
Individual sessions—district nursing services															✔	
Individual sessions—emergency services															✔	
Individual sessions—endoscopy and related procedures															✔	
Individual sessions—mental health															✔	
Individual sessions—other medical/surgical/diagnostic															✔	
Individual sessions—other outreach services															✔	
Individual sessions—pathology															✔	
Individual sessions—pharmacy															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Individual sessions—radiology and organ imaging															✔	
Infant weight, neonate, stillborn														✔		
Injecting drug use status				✔												
Intended length of hospital stay	✔															
Inter-hospital contracted patient	✔															
Leave days from residential care																✔
Length of non-admitted patient emergency department service episode												✔				
Listing date for care							✔	✔								
Main treatment type for alcohol and other drugs				✔												
Major diagnostic category	✔	✔														
Marital status		✔			✔											✔
Medicare eligibility status	✔															
Mental health legal status	✔	✔			✔											✔
Mental health service contact date					✔											
Mental health service contact duration					✔											

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Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Mental health service contact—patient/client participation indicator					✔											
Mental health service contact—session type					✔											
Method of birth														✔		
Method of use for principal drug of concern				✔												
Mode of admission	✔		✔													
Mode of separation	✔	✔	✔													
Narrative description of injury event										✔						
National standards for mental health services review status											✔					
Nature of main injury (non-admitted patient)										✔						
Net capital expenditure (accrual accounting)—buildings and building services															✔	
Net capital expenditure (accrual accounting)—constructions															✔	
Net capital expenditure (accrual accounting)—equipment															✔	
Net capital expenditure (accrual accounting)—information technology															✔	
Net capital expenditure (accrual accounting)—intangible assets															✔	
Net capital expenditure (accrual accounting)—land															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Net capital expenditure (accrual accounting)—major medical equipment															✔	
Net capital expenditure (accrual accounting)—other equipment															✔	
Net capital expenditure (accrual accounting)—transport															✔	
Number of available beds for admitted patients						✔					✔				✔	
Number of days of hospital-in-the-home care	✔		✔													
Number of episodes of residential care											✔					
Number of qualified days for newborns	✔															
Onset of labour														✔		
Other drug of concern				✔												
Other treatment type for alcohol and other drugs				✔												
Outpatient clinic type													✔			
Overdue patient							✔	✔								
Person identifier	✔	✔	✔	✔	✔							✔		✔		✔
Place of occurrence of external cause of injury (ICD-10-AM)	✔									✔						
Place of occurrence of external cause of injury (non-admitted patient)										✔						

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Preferred language				✔												
Previous specialised treatment		✔	✔													
Principal area of clinical practice									✔							
Principal diagnosis	✔	✔	✔		✔											✔
Principal drug of concern				✔												
Principal role of health professional									✔							
Procedure	✔															
Profession labour force status of health professional									✔							
Reason for cessation of treatment episode for alcohol and other drugs				✔												
Reason for removal from elective surgery waiting list								✔								
Recurrent expenditure (indirect health care)—central administrations															✔	
Recurrent expenditure (indirect health care)—central and statewide support services															✔	
Recurrent expenditure (indirect health care)—other															✔	
Recurrent expenditure (indirect health care)—patient transport services															✔	
Recurrent expenditure (indirect health care)—public health and monitoring services															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Recurrent expenditure (mental health)—non-salary operating costs						✔										
Recurrent expenditure (mental health)—salaries and wages											✔					
Recurrent expenditure (salaries and wages)—administrative and clerical staff											✔				✔	
Recurrent expenditure (salaries and wages)—carer consultants											✔					
Recurrent expenditure (salaries and wages)—consultant psychiatrists and psychiatrists											✔					
Recurrent expenditure (salaries and wages)—consumer consultants											✔					
Recurrent expenditure (salaries and wages)—diagnostic and health professionals											✔				✔	
Recurrent expenditure (salaries and wages)—domestic and other staff											✔				✔	
Recurrent expenditure (salaries and wages)—enrolled nurses											✔				✔	
Recurrent expenditure (salaries and wages)—occupational therapists											✔					
Recurrent expenditure (salaries and wages)—other diagnostic and health professionals											✔					
Recurrent expenditure (salaries and wages)—other medical officers											✔					
Recurrent expenditure (salaries and wages)—other personal care staff											✔				✔	
Recurrent expenditure (salaries and wages)—psychiatry registrars and trainees											✔					
Recurrent expenditure (salaries and wages)—psychologists											✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Recurrent expenditure (salaries and wages)—registered nurses											✔				✔	
Recurrent expenditure (salaries and wages)—salaried medical officers											✔				✔	
Recurrent expenditure (salaries and wages)—social workers											✔					
Recurrent expenditure (salaries and wages)—student nurses															✔	
Recurrent expenditure (salaries and wages)—total						✔									✔	
Recurrent expenditure (salaries and wages)—trainee/pupil nurses															✔	
Recurrent expenditure—administrative expenses											✔				✔	
Recurrent expenditure—Department of Veterans' Affairs funded											✔					
Recurrent expenditure—depreciation											✔				✔	
Recurrent expenditure—domestic services											✔				✔	
Recurrent expenditure—drug supplies											✔				✔	
Recurrent expenditure—interest payments											✔				✔	
Recurrent expenditure—medical and surgical supplies											✔				✔	
Recurrent expenditure—National Mental Health Strategy funded expenditure											✔					
Recurrent expenditure—non-salary operating costs (excluding depreciation)											✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Recurrent expenditure—other											✔				✔	
Recurrent expenditure—other Commonwealth Government funded expenditure											✔					
Recurrent expenditure—other patient revenue funded expenditure											✔					
Recurrent expenditure—other revenue funded expenditure											✔					
Recurrent expenditure—other State or Territory funded expenditure											✔					
Recurrent expenditure—patient transport											✔				✔	
Recurrent expenditure—payments to visiting medical officers											✔				✔	
Recurrent expenditure—recoveries funded											✔					
Recurrent expenditure—repairs and maintenance											✔				✔	
Recurrent expenditure—State or Territory health authority funded											✔					
Recurrent expenditure—superannuation employer contributions											✔				✔	
Recurrent expenditure—total											✔					
Referral destination to further care (from specialised mental health residential care)																✔
Referral destination to further care (psychiatric patients)		✔														
Region code	✔				✔						✔					✔

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Removal date								✔								
Residential stay start date																✔
Residual expenditure (mental health)—academic positions											✔					
Residual expenditure (mental health)—education and training											✔					
Residual expenditure (mental health)—insurance											✔					
Residual expenditure (mental health)—mental health promotion											✔					
Residual expenditure (mental health)—mental health research											✔					
Residual expenditure (mental health)—other indirect expenditure											✔					
Residual expenditure (mental health)—patient transport services											✔					
Residual expenditure (mental health)—program administration											✔					
Residual expenditure (mental health)—property leasing costs											✔					
Residual expenditure (mental health)—superannuation											✔					
Residual expenditure (mental health)—support services											✔					
Residual expenditure (mental health)—workers compensation											✔					
Revenue—other															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Revenue—patient															✔	
Revenue—recoveries															✔	
Separation date	✔	✔	✔											✔		
Separations						✔					✔					
Sex	✔	✔	✔	✔	✔							✔		✔		✔
Source of referral to alcohol and other drug treatment service				✔												
Source of referral to public psychiatric hospital	✔	✔														
Specialised mental health service—hours staffed											✔					
Specialised mental health service—program type											✔					
Specialised mental health service—setting						✔					✔					
Specialised mental health service—supported public housing places											✔					
Specialised mental health service—target population											✔					
Specialised service indicators—acquired immune deficiency syndrome unit															✔	
Specialised service indicators—acute renal dialysis unit															✔	
Specialised service indicators—acute spinal cord injury unit															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Specialised service indicators—alcohol and drug unit															✔	
Specialised service indicators—bone marrow transplantation unit															✔	
Specialised service indicators—burns unit (level III)															✔	
Specialised service indicators—cardiac surgery unit															✔	
Specialised service indicators—clinical genetics unit															✔	
Specialised service indicators—comprehensive epilepsy centre															✔	
Specialised service indicators—coronary care unit															✔	
Specialised service indicators—diabetes unit															✔	
Specialised service indicators—domiciliary care service															✔	
Specialised service indicators—geriatric assessment unit															✔	
Specialised service indicators—heart, lung transplantation unit															✔	
Specialised service indicators—hospice care unit															✔	
Specialised service indicators—infectious diseases unit															✔	
Specialised service indicators—intensive care unit (level III)															✔	
Specialised service indicators—in-vitro fertilisation unit															✔	

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Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Specialised service indicators—liver transplantation unit															✔	
Specialised service indicators—maintenance renal dialysis centre															✔	
Specialised service indicators—major plastic/reconstructive surgery unit															✔	
Specialised service indicators—neonatal intensive care unit (level III)															✔	
Specialised service indicators—neuro surgical unit															✔	
Specialised service indicators—nursing home care unit															✔	
Specialised service indicators—obstetric/maternity															✔	
Specialised service indicators—oncology unit, cancer treatment															✔	
Specialised service indicators—pancreas transplantation unit															✔	
Specialised service indicators—psychiatric unit/ward															✔	
Specialised service indicators—rehabilitation unit															✔	
Specialised service indicators—renal transplantation unit															✔	
Specialised service indicators—sleep centre															✔	
Specialised service indicators—specialist paediatric															✔	
State/territory of birth														✔		

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Status of the baby														✔		
Surgical specialty							✔	✔								
Teaching status															✔	
Time of triage												✔				
Time patient presents												✔				
Total hours worked by a medical practitioner									✔							
Total leave days	✔	✔														
Total number of group sessions													✔			
Total occasions of service													✔			
Total psychiatric care days	✔	✔														
Treatment delivery setting for alcohol and other drugs				✔												
Triage category												✔				
Type and sector of employment establishment									✔							
Type of accommodation		✔														
Type of usual accommodation		✔														

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Type of visit to emergency department												✔				
Urgency of admission	✔															
Waiting time at a census date							✔									
Waiting time at removal from elective surgery waiting list								✔								
Weight in grams (measured)	✔															

Data elements included in National minimum data sets—Technical name order

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Birth event—birth plurality, code N														✔		
Birth event—delivery method, code N														✔		
Birth event—labour onset type, code N														✔		
Birth event—setting of birth (actual), code N														✔		
Birth event—state/territory of birth, code N														✔		
Birth—Apgar score (at 5 minutes), code NN														✔		
Birth—birth order, code N														✔		
Birth—birth status, code N														✔		
Birth—birth weight, total grams NNNN														✔		
Client—injecting drug use status, code N				✔												

Data element name	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Client—method of drug use (principal drug of concern), code N				✔												
Elective care waiting list episode—listing date for care, DDMMYYYY							✔	✔								
Elective surgery waiting list episode—clinical urgency, code N							✔	✔								
Elective surgery waiting list episode—extended wait patient indicator, code N							✔	✔								
Elective surgery waiting list episode—indicator procedure, code NN							✔	✔								
Elective surgery waiting list episode—overdue patient status, code N							✔	✔								
Elective surgery waiting list episode—reason for removal from a waiting list, code N								✔								
Elective surgery waiting list episode—surgical specialty (of scheduled doctor), code NN							✔	✔								
Elective surgery waiting list episode—waiting list removal date, DDMMYYYY								✔								
Elective surgery waiting list episode—waiting time (at a census date), total days N[NNN]							✔									
Elective surgery waiting list episode—waiting time (at removal), total days N[NNN]								✔								
Episode of admitted patient care (mental health care)—referral destination, code N		✔														
Episode of admitted patient care (newborn)—number of qualified days, total N[NNNN]	✔															
Episode of admitted patient care—admission date, DDMMYYYY	✔	✔	✔													
Episode of admitted patient care—admission mode, code N	✔		✔													

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Episode of admitted patient care—admission urgency status, code N	✔															
Episode of admitted patient care—diagnosis related group, code (AR-DRG v5.1) ANNA	✔	✔														
Episode of admitted patient care—elected accommodation status, code N	✔															
Episode of admitted patient care—intended length of hospital stay, code N	✔															
Episode of admitted patient care—inter-hospital contracted patient status, code N	✔															
Episode of admitted patient care—major diagnostic category, code (AR-DRG v5.1) NN	✔	✔														
Episode of admitted patient care—number of days of hospital-in-the-home care, total {N[NN]}	✔		✔													
Episode of admitted patient care—number of leave days, total N[NN]	✔	✔														
Episode of admitted patient care—procedure, code (ICD-10-AM 5th edn) NNNNN-NN	✔															
Episode of admitted patient care—referral source, public psychiatric hospital code NN	✔	✔														
Episode of admitted patient care—separation date, DDMMYYYY	✔	✔	✔											✔		
Episode of admitted patient care—separation mode, code N	✔	✔	✔													
Episode of care—additional diagnosis, code (ICD-10-AM 5th edn) ANN{.N[N]}	✔	✔	✔													✔
Episode of care—expected principle source of funding, hospital code NN	✔		✔													
Episode of care—funding eligibility indicator (Department of Veterans Affairs), code N												✔				

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Episode of care—mental health legal status, code N	✔	✔			✔											✔
Episode of care—number of psychiatric care days, total N[NNNN]	✔	✔														
Episode of care—principal diagnosis, code (ICD-10-AM 5th edn) ANN{.N[N]}	✔	✔	✔		✔											✔
Episode of residential care (mental health care)—referral destination, code N																✔
Episode of residential care—episode end date, DDMMYYYY																✔
Episode of residential care—episode end mode, code N																✔
Episode of residential care—episode start date, DDMMYYYY																✔
Episode of residential care—episode start mode, code N																✔
Episode of residential care—number of episodes of residential care, total N[NNN]											✔					
Episode of residential care—number of leave days, total N[NN]																✔
Episode of treatment for alcohol and other drugs—cessation reason, code N[N]				✔												
Episode of treatment for alcohol and other drugs—client type, code N				✔												
Episode of treatment for alcohol and other drugs—drug of concern (other), code (ASCDC 2000 extended) NNNN				✔												
Episode of treatment for alcohol and other drugs—drug of concern (principal), code (ASCDC 2000 extended) NNNN				✔												
Episode of treatment for alcohol and other drugs—referral source, code NN				✔												

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Episode of treatment for alcohol and other drugs—service delivery setting, code N				✔												
Episode of treatment for alcohol and other drugs—treatment cessation date, DDMMYYYY				✔												
Episode of treatment for alcohol and other drugs—treatment commencement date, DDMMYYYY				✔												
Episode of treatment for alcohol and other drugs—treatment type (main), code N				✔												
Episode of treatment for alcohol and other drugs—treatment type (other), code [N]				✔												
Establishment (community mental health)—recurrent expenditure (non-salary operating costs) (financial year), total Australian currency N[N(8)]						✔										
Establishment (mental health)—full-time equivalent staff (paid), total N[NNN{.N}]											✔					
Establishment (mental health)—recurrent expenditure (non-salary operating costs) (financial year), total Australian currency N[N(8)]											✔					
Establishment (mental health)—recurrent expenditure (total salaries and wages) (financial year), total Australian currency N[N(8)]											✔					
Establishment (public psychiatric or alcohol and drug hospital)—number of group session occasions of service for non-admitted patients (emergency and outpatient), total N[NNNNNN]															✔	
Establishment (public psychiatric or alcohol and drug hospital)—number of group session occasions of service for non-admitted patients (outreach and community), total N[NNNNNN]															✔	
Establishment (public psychiatric or alcohol and drug hospital)—number of individual session occasions of service for non-admitted patients (emergency and outpatient), total N[NNNNNN]															✔	
Establishment (public psychiatric or alcohol and drug hospital)—number of individual session occasions of service for non-admitted patients (outreach and community), total N[NNNNNN]															✔	
Establishment—accrued mental health care days, total N[N(7)]											✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—Australian state/territory identifier, code N	✔				✔						✔					✔
Establishment—establishment type, sector and services provided code AN.N{.N}															✔	
Establishment—full-time equivalent staff (paid) (administrative and clerical staff), average N[NNN{.N}]											✔				✔	
Establishment—full-time equivalent staff (paid) (carer consultants), average N[NNN{.N}]											✔					
Establishment—full-time equivalent staff (paid) (consultant psychiatrists and psychiatrists), average N[NNN{.N}]											✔					
Establishment—full-time equivalent staff (paid) (consumer consultants), average N[NNN{.N}]											✔					
Establishment—full-time equivalent staff (paid) (diagnostic and health professionals), average N[NNN{.N}]											✔				✔	
Establishment—full-time equivalent staff (paid) (domestic and other staff), average N[NNN{.N}]											✔				✔	
Establishment—full-time equivalent staff (paid) (enrolled nurses), average N[NNN{.N}]											✔				✔	
Establishment—full-time equivalent staff (paid) (occupational therapists), average N[NNN{.N}]											✔					
Establishment—full-time equivalent staff (paid) (other diagnostic and health professionals), average N[NNN{.N}]											✔					
Establishment—full-time equivalent staff (paid) (other medical officers), average N[NNN{.N}]											✔					
Establishment—full-time equivalent staff (paid) (other personal care staff), average N[NNN{.N}]											✔				✔	
Establishment—full-time equivalent staff (paid) (psychiatry registrars and trainees), average N[NNN{.N}]											✔					

Data element name	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
											National minimum data set					
Establishment—full-time equivalent staff (paid) (psychologists), average N[NNN{.N}]											✔					
Establishment—full-time equivalent staff (paid) (registered nurses), average N[NNN{.N}]											✔				✔	
Establishment—full-time equivalent staff (paid) (salaried medical officers), average N[NNN{.N}]											✔				✔	
Establishment—full-time equivalent staff (paid) (social workers), average N[NNN{.N}]											✔					
Establishment—full-time equivalent staff (paid) (student nurses), average N[NNN{.N}]															✔	
Establishment—full-time equivalent staff (paid) (trainee/pupil nurses), average N[NNN{.N}]															✔	
Establishment—full-time equivalent staff (paid), average N[NNN{.N}]						✔										
Establishment—geographical location, code (ASGC 2005) NNNNN						✔					✔				✔	
Establishment—gross capital expenditure (accrual accounting) (buildings and building services) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (accrual accounting) (constructions) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (accrual accounting) (equipment) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (accrual accounting) (information technology) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (accrual accounting) (intangible assets) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (accrual accounting) (land) (financial year), total Australian currency N[N(8)]															✔	

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Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—gross capital expenditure (accrual accounting) (major medical equipment) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (accrual accounting) (other equipment) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (accrual accounting) (transport) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (computer equipment/installations) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (intangible assets) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (land and buildings) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (major medical equipment) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (other capital expenditure) (financial year), total Australian currency N[N(8)]															✔	
Establishment—gross capital expenditure (plant and other equipment) (financial year), total Australian currency N[N(8)]															✔	
Establishment—net capital expenditure (accrual accounting) (buildings and building services) (financial year), total Australian currency N[N(8)]															✔	
Establishment—net capital expenditure (accrual accounting) (constructions) (financial year), total Australian currency N[N(8)]															✔	
Establishment—net capital expenditure (accrual accounting) (equipment) (financial year), total Australian currency N[N(8)]															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—net capital expenditure (accrual accounting) (information technology) (financial year), total Australian currency N[N(8)]															✔	
Establishment—net capital expenditure (accrual accounting) (intangible assets) (financial year), total Australian currency N[N(8)]															✔	
Establishment—net capital expenditure (accrual accounting) (land) (financial year), total Australian currency N[N(8)]															✔	
Establishment—net capital expenditure (accrual accounting) (major medical equipment) (financial year), total Australian currency N[N(8)]															✔	
Establishment—net capital expenditure (accrual accounting) (other equipment) (financial year), total Australian currency N[N(8)]															✔	
Establishment—net capital expenditure (accrual accounting) (transport) (financial year), total Australian currency N[N(8)]															✔	
Establishment—number of available beds for admitted patients/residents, average N[NNN]						✔					✔				✔	
Establishment—number of group session occasions of service for non-admitted patients (alcohol and drug), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (allied health services), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (community health services), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (dental), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (dialysis), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (district															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
nursing services), total N[NNNNN]																
Establishment—number of group session occasions of service for non-admitted patients (emergency services), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (endoscopy and related procedures), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (mental health), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (other medical/surgical/diagnostic), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (other outreach services), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (pathology), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (pharmacy), total N[NNNNN]															✔	
Establishment—number of group session occasions of service for non-admitted patients (radiology and organ imaging), total N[NNNNN]															✔	
Establishment—number of group sessions, total N[NNNNN]													✔			
Establishment—number of individual session occasions of service for non-admitted patients (alcohol and drug), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (allied health services), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (community health services), total N[NNNNNN]															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—number of individual session occasions of service for non-admitted patients (dental), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (dialysis), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (district nursing services), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (emergency services), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (endoscopy and related procedures), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (mental health), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (other medical/surgical/diagnostic), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (other outreach services), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (pathology), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (pharmacy), total N[NNNNNN]															✔	
Establishment—number of individual session occasions of service for non-admitted patients (radiology and organ imaging), total N[NNNNNN]															✔	
Establishment—number of occasions of service, total N[NNNNNN]													✔			
Establishment—number of separations (financial year), total N[NNNNN]						✔					✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—organisation identifier (Australian), NNX[X]NNNNN		✔	✔	✔	✔	✔	✔	✔			✔	✔	✔	✔	✔	✔
Establishment—organisation identifier (state/territory), NNNNN	✔				✔						✔					✔
Establishment—outpatient clinic type, code N[N]													✔			
Establishment—recurrent expenditure (administrative expenses) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (Department of Veterans' Affairs funded), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (depreciation) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (domestic services) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (drug supplies) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (food supplies) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (indirect health care) (central administrations) (financial year), total Australian currency N[N(8)]															✔	
Establishment—recurrent expenditure (indirect health care) (central and statewide support services) (financial year), total Australian currency N[N(8)]															✔	
Establishment—recurrent expenditure (indirect health care) (other) (financial year), total Australian currency N[N(8)]															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—recurrent expenditure (indirect health care) (patient transport services) (financial year), total Australian currency N[N(8)]															✔	
Establishment—recurrent expenditure (indirect health care) (public health and monitoring services) (financial year), total Australian currency N[N(8)]															✔	
Establishment—recurrent expenditure (interest payments) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (medical and surgical supplies) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (National Mental Health Strategy funded), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (other Commonwealth Government funded expenditure), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (other patient revenue funded expenditure), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (other recurrent expenditure) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (other revenue funded expenditure), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (other state or territory funded expenditure), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (patient transport cost) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (recoveries funded expenditure), total Australian currency N[N(8)]											✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (salaries and wages) (administrative and clerical staff) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (salaries and wages) (carer consultants) (financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (salaries and wages) (consultant psychiatrists and psychiatrists) (financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (salaries and wages) (consumer consultants) (financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (salaries and wages) (diagnostic and health professionals) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (salaries and wages) (domestic and other staff) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (salaries and wages) (enrolled nurses) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (salaries and wages) (financial year), total Australian currency N[N(8)]						✔									✔	
Establishment—recurrent expenditure (salaries and wages) (occupational therapists) (financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (salaries and wages) (other diagnostic and health professionals) (financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (salaries and wages) (other medical officers) (financial year), total Australian currency N[N(8)]											✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—recurrent expenditure (salaries and wages) (other personal care staff) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (salaries and wages) (psychiatry registrars and trainees)(financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (salaries and wages) (psychologists) (financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (salaries and wages) (registered nurses) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (salaries and wages) (salaried medical officers) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (salaries and wages) (social workers) (financial year), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (salaries and wages) (student nurses) (financial year), total Australian currency N[N(8)]															✔	
Establishment—recurrent expenditure (salaries and wages) (trainee/pupil nurses) (financial year), total Australian currency N[N(8)]															✔	
Establishment—recurrent expenditure (state or territory health authority funded), total Australian currency N[N(8)]											✔					
Establishment—recurrent expenditure (superannuation employer contributions) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—recurrent expenditure (visiting medical officer payments) (financial year), total Australian currency N[N(8)]											✔				✔	
Establishment—region identifier, X[X]	✔				✔						✔					✔
Establishment—revenue (other revenue) (financial year), total Australian currency N[N(8)]															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—revenue (patient) (financial year), total Australian currency N[N(8)]															✔	
Establishment—revenue (recoveries) (financial year), total Australian currency N[N(8)]															✔	
Establishment—sector, code N	✔				✔						✔					✔
Establishment—specialised service indicator (acquired immune deficiency syndrome unit), yes/no code N															✔	
Establishment—specialised service indicator (acute renal dialysis unit), yes/no code N															✔	
Establishment—specialised service indicator (acute spinal cord injury unit), yes/no code N															✔	
Establishment—specialised service indicator (alcohol and drug unit), yes/no code N															✔	
Establishment—specialised service indicator (bone marrow transplantation unit), yes/no code N															✔	
Establishment—specialised service indicator (burns unit (level III)), yes/no code N															✔	
Establishment—specialised service indicator (cardiac surgery unit), yes/no code N															✔	
Establishment—specialised service indicator (clinical genetics unit), yes/no code N															✔	
Establishment—specialised service indicator (comprehensive epilepsy centre), yes/no code N															✔	
Establishment—specialised service indicator (coronary care unit), yes/no code N															✔	
Establishment—specialised service indicator (diabetes unit), yes/no code N															✔	
Establishment—specialised service indicator (domiciliary care service), yes/no code N															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—specialised service indicator (geriatric assessment unit), yes/no code N															✔	
Establishment—specialised service indicator (heart, lung transplantation unit), yes/no code N															✔	
Establishment—specialised service indicator (hospice care unit), yes/no code N															✔	
Establishment—specialised service indicator (infectious diseases unit), yes/no code N															✔	
Establishment—specialised service indicator (intensive care unit (level III)), yes/no code N															✔	
Establishment—specialised service indicator (in-vitro fertilisation unit), yes/no code N															✔	
Establishment—specialised service indicator (liver transplantation unit), yes/no code N															✔	
Establishment—specialised service indicator (maintenance renal dialysis centre), yes/no code N															✔	
Establishment—specialised service indicator (major plastic/reconstructive surgery unit), yes/no code N															✔	
Establishment—specialised service indicator (neonatal intensive care unit (level III)), yes/no code N															✔	
Establishment—specialised service indicator (neuro surgical unit), yes/no code N															✔	
Establishment—specialised service indicator (nursing home care unit), yes/no code N															✔	
Establishment—specialised service indicator (obstetric/maternity), yes/no code N															✔	
Establishment—specialised service indicator (oncology unit) (cancer treatment), yes/no code N															✔	
Establishment—specialised service indicator (pancreas transplantation unit), yes/no code N															✔	

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Establishment—specialised service indicator (psychiatric unit/ward), yes/no code N															✔	
Establishment—specialised service indicator (rehabilitation unit), yes/no code N															✔	
Establishment—specialised service indicator (renal transplantation unit), yes/no code N															✔	
Establishment—specialised service indicator (sleep centre), yes/no code N															✔	
Establishment—specialised service indicator (specialist paediatric), yes/no code N															✔	
Establishment—teaching status (university affiliation), code N															✔	
Female (pregnant)—estimated gestational age, total weeks NN														✔		
Health professional—area of clinical practice (principal), code ANN									✔							
Health professional—establishment type (employment), industry code NN									✔							
Health professional—hours worked (in all jobs), total NNN									✔							
Health professional—labour force status, code N{.N}									✔							
Health professional—occupation, code ANN									✔							
Health professional—principal role, code N									✔							
Health service event—presentation date, DDMMYYYY												✔				
Health service event—presentation time, hhmm												✔				

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Hospital census (of elective surgery waitlist patients)—census date, DDMMYYYY							✔									
Hospital service—care type, code N[N].N	✔	✔	✔													
Injury event—activity type, code (ICD-10-AM 5th edn) ANNNN	✔									✔						
Injury event—activity type, non-admitted patient code N[N]										✔						
Injury event—external cause, code (ICD-10-AM 5th edn) ANN{.N[N]}	✔									✔						
Injury event—external cause, text [X(100)]										✔						
Injury event—human intent of injury, code NN										✔						
Injury event—nature of main injury, non-admitted patient code NN{.N}										✔						
Injury event—place of occurrence, code (ICD-10-AM 5th edn) ANN{.N[N]}	✔									✔						
Injury event—place of occurrence, non-admitted patient code N[N]										✔						
Medical practitioner—hours on-call, total NNN									✔							
Medical practitioner—hours worked (in direct patient care), total NNN									✔							
Medical practitioner—hours worked, total NNN									✔							
Mental health service contact—patient/client participation indicator, yes/no code N					✔											
Mental health service contact—service contact date, DDMMYYYY					✔											

Data element name	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
											National minimum data set					
Mental health service contact—service contact duration, total minutes NNN					✔											
Mental health service contact—session type, code N					✔											
Non-admitted patient emergency department service episode—patient departure status, code N												✔				
Non-admitted patient emergency department service episode—service commencement date, DDMMYYYY												✔				
Non-admitted patient emergency department service episode—service commencement time, hhmm												✔				
Non-admitted patient emergency department service episode—service episode length, total minutes NNNNN												✔				
Non-admitted patient emergency department service episode—transport mode (arrival), code N												✔				
Non-admitted patient emergency department service episode—triage category, code N												✔				
Non-admitted patient emergency department service episode—triage date, DDMMYYYY												✔				
Non-admitted patient emergency department service episode—triage time, hhmm												✔				
Non-admitted patient emergency department service episode—type of visit to emergency department, code N												✔				
Patient—compensable status, code N												✔				
Patient—hospital insurance status, code N	✔															
Patient—previous specialised treatment, code N		✔	✔													

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Person—accommodation type (prior to admission), code N		✓														
Person—accommodation type (usual), code N[N]		✓														
Person—area of usual residence, geographical location code (ASGC 2005) NNNNN	✓	✓	✓		✓							✓				✓
Person—bodily location of main injury, code NN										✓						
Person—country of birth, code (SACC 1998) NNNN	✓	✓	✓	✓	✓							✓		✓		✓
Person—date of birth, DDMMYYYY	✓	✓	✓	✓	✓				✓			✓		✓		✓
Person—eligibility status, Medicare code N	✓															
Person—Indigenous status, code N	✓	✓	✓	✓	✓							✓		✓		✓
Person—labour force status, acute hospital and private psychiatric hospital admission code N		✓														
Person—labour force status, public psychiatric hospital admission code N		✓														
Person—marital status, code N		✓			✓											✓
Person—person identifier, XXXXXX[X(14)]	✓	✓	✓	✓	✓							✓		✓		✓
Person—preferred language, code (ASCL 2005) NN{NN}				✓												
Person—sex, code N	✓	✓	✓	✓	✓							✓		✓		✓
Person—weight (measured), total grams NNNN	✓															

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Residential stay—episode start date, DDMMYYYY																✔
Service delivery outlet—geographic location, code (ASGC 2005) NNNNN				✔												
Specialised mental health service organisation—accommodation services grants to non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—advocacy services grants to non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—carer participation arrangements status (carer consultants employed), code N											✔					
Specialised mental health service organisation—carer participation arrangements status (carer satisfaction surveys), code N											✔					
Specialised mental health service organisation—carer participation arrangements status (formal complaints mechanism), code N											✔					
Specialised mental health service organisation—carer participation arrangements status (formal participation policy), code N											✔					
Specialised mental health service organisation—carer participation arrangements status (regular discussion groups), code N											✔					
Specialised mental health service organisation—community awareness/health promotion services grants to non-government organisations (financial year), total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—consumer committee representation arrangements, code N											✔					
Specialised mental health service organisation—consumer participation arrangements (consumer consultants employed), code N											✔					
Specialised mental health service organisation—consumer participation arrangements (consumer satisfaction surveys), code N											✔					

| | National minimum data set | | | | | | | | | | | | | | | |
Data element name	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Specialised mental health service organisation—consumer participation arrangements (formal complaints mechanism), code N											✔					
Specialised mental health service organisation—consumer participation arrangements (formal participation policy), code N											✔					
Specialised mental health service organisation—consumer participation arrangements (regular discussion groups), code N											✔					
Specialised mental health service organisation—counselling services grants to non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—independent living skills support services grants to non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—other and unspecified mental health services grants to non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—pre-vocational training services grants for non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—psychosocial support services grants for non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—recreation services grants to non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—respite services grants to non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service organisation—self-help support groups services grants for non-government organisations, total Australian currency N[N(8)]											✔					
Specialised mental health service unit—implementation of National standards for mental health services status, code N											✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Specialised mental health service—admitted patient care program type, code N											✔					
Specialised mental health service—co-location with acute care hospital, code N											✔					
Specialised mental health service—number of hours staffed, average hours NN											✔					
Specialised mental health service—number of supported public housing places, total N[N(5)]											✔					
Specialised mental health service—residual expenditure (academic positions), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (education and training), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (insurance), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (mental health promotion), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (mental health research), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (other indirect expenditure), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (patient transport services), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (program administration), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (property leasing costs), total Australian currency N[N(8)]											✔					

Data element name	National minimum data set															
	Admitted patient care	Admitted patient mental health care	Admitted patient palliative care	Alcohol and other drug treatment services	Community mental health care	Community mental health establishments	Elective surgery waiting times (census data)	Elective surgery waiting times (removals data)	Health labour force	Injury surveillance	Mental health establishments	Non admitted patient emergency dept care	Outpatient	Perinatal	Public hospital establishments	Residential mental health care
Specialised mental health service—residual expenditure (superannuation), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (support services), total Australian currency N[N(8)]											✔					
Specialised mental health service—residual expenditure (workers compensation), total Australian currency N[N(8)]											✔					
Specialised mental health service—service setting, code N						✔					✔					
Specialised mental health service—target population group, code N											✔					
State or Territory Government—mental health services grants to non-government organisations by non-health departments, total Australian currency N[N(8)]											✔					

Metadata standards

The NHDD is based on the 2003 version of the ISO/IEC 11179 standard for metadata registries. In this standard, a data element is specified in a number of sub-components. These are:

- data element concept
- value domain
- object class
- property.

METeOR and the NHDD also use 'Classification scheme' which is another subcomponent of the standard, but it is used in a slightly different way from that envisaged by the standard.

In METeOR and the NHDD, these types of metadata (data that describe other data) are applied to the specification of data standards. It was found that an extension (an addition that does not contravene the existing standard) to the standard was required in order to accommodate other types of metadata used in the NHDD. This extension was required for 'glossary items' and 'data set specifications'.

The structure underlying a data element in the NHDD is illustrated in Figure 1 (differences from the ISO/IEC standard are shown with dashed lines).
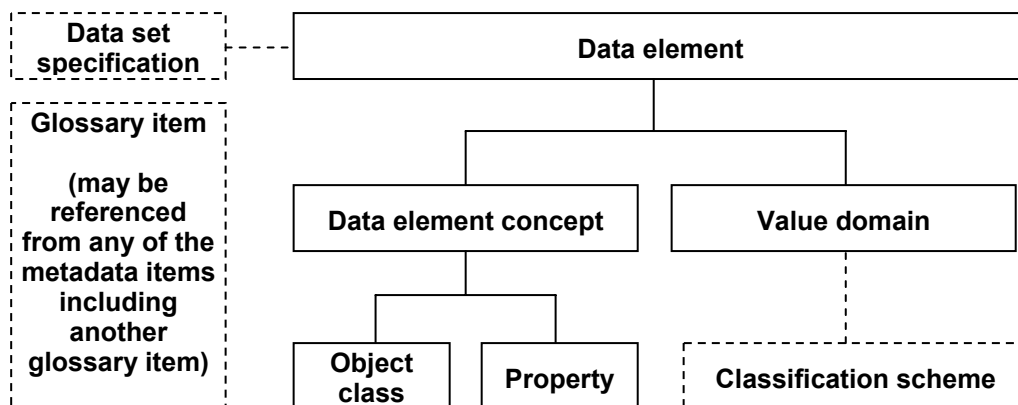

Figure 1: Types of data standards described in this NHDD and METeOR

Data elements are used to standardise the meaning and representation of data, so as to ensure consistency of the data collected.

The conceptual meaning of the data element is captured within the data element concept. The representation of the data element is captured within the value domain. A data element is composed of only one data element concept and only one value domain. That is, a data element is the union of one data element concept and one value domain.

An object class describes the entity (the 'thing') about which we want to collect data. A property describes the particular characteristic or attribute of that entity. As can be seen from Figure 1, the union of one object class with one property specifies what is to be described.

Depending on what information we want to know, broadly defined object classes (such as Person, Service provider or Service event) or more specific object classes (such as Admitted patient or Nurse) may be used. For example, if the pregnancy status of a woman is of interest, then the specialised object class Female would be joined with the property Pregnancy status. This specialised object class is appropriate as only women can carry fetuses.

A value domain specifies the representation of the data element. It specifies how something is to be represented. A value domain can specify:

- the range of permitted values, for example, a measure of weight in grams represented by 3 numeric characters; or

- all permissible values as a set of codes, for example, Code 1 Female, Code 2 Male; or

- by referencing the values documented in a nationally or internationally-endorsed classification, such as all codes in the Australian standard classification of languages 2005, or all activity codes listed in the International statistical classification of diseases and related health problems, Tenth revision, Australian modification, 5th edition.

Data elements may be grouped for a specific purpose within a data set specification. A data set specification is either prescribed for national collection and reporting as a national minimum data set (NMDS) or endorsed as the recommended collection in a data set specification (DSS).

A glossary item defines the meaning of a term within a specific context. Within METeOR examples of glossary items include 'Adoption' and 'Family'. These things of interest are not currently defined as object classes but their meaning must be understood for data to be collected. For example, to collect data on the number of female pregnancies which result in a live birth, we must understand the meaning of the term 'live birth'. There is no specific data collected about 'Live birth' and so it is not necessary to define any object class or property to the concept. In this instance it is used as a defining term that allows the correct data about a pregnancy to be collected in 'Female—number of previous pregnancies (live birth), total NN'. A glossary item can be linked to any other metadata item type. In the example above, the data element definition contains a link to the glossary item Live birth. Glossary items are not specified in ISO/IEC 11179.

Metadata attributes

The templates for describing data elements, object classes, properties, classification schemes and glossary items are described below.

Common name, for example, Height—measured

Identifying and definitional attributes

Metadata item type:	The name of the type of data standard, that is:
	Data element
Technical name:	The name of the type of data standard following strict naming conventions, for example:
	Person—height (measured), total centimetres NN[N].N
Synonymous name:	A synonym or list of synonyms for the name within the specified context.
	This attribute may be left blank.
METeOR identifier:	A unique identifier within METeOR, for example:
	270361
Registration status:	A status value for the data standard indicating its stage in the registration process, for example:
	NHIG, Standard 01/03/2005
	Explanation: NHIG approved this data element as a national standard on 1 March 2005.
Definition:	A concise statement that expresses the essential nature of the data standard and its differentiation from other data standards, for example:
	A person's measured height.
Context:	A designation and/or description of the application, environment or discipline in which the definition and representation of the data element are valid.
	This could be a field of clinical practice (for example, debates or intensive care), or it could be a whole sector of health care (for example, admitted patient care) or it could be more general, covering the whole of the health sector, or across service sectors.
	For example, the context for data on admissions would be 'admitted patient care'. The concept of an 'admission' is not used in community care and such a context would probably not be valid.
	This attribute may be left blank.
Data element concept:	A hyperlink to the data element concept implemented in this data element, for example:
	Person—height
	Explanation: This data element describes the union of the object class 'Person' and the property 'Height'.

Value domain:	A hyperlink to the value domain implemented in this data element, for example:
	Total centimetres [N]NN.N
	Explanation: This data element is a measurement in centimetres, which accepts numeric values in the format of 'NN.N' or 'NNN.N'.

Collection and usage attributes

Guide for use:	Comments, advice, or instructions for the interpretation or application of the data standard, for example:
	In order to ensure consistency in measurement, the measurement protocol described under 'Collection methods' should be used.
Collection methods:	Comments, advice, or instructions for the actual capture of data, for example:
	All equipment should be checked before each measurement to ensure that both the headboard and floor are at 90 degrees to the vertical rule.
Comments:	Any additional information that adds to the understanding of the data standard, for example:
	It may be desirable to present height data in categories. It is recommended that 5 cm groupings are used for this purpose.

Source and reference attributes

Submitting organisation:	The full name of each organisation responsible for the submission of the data standard for endorsement as a national standard, for example:
	Australian Institute of Health and Welfare
Steward:	The full name of the organisation that has accepted responsibility and been approved by a registration authority to provide on-going maintenance and management of a data standard, for example:
	Australian Institute of Health and Welfare
Origin:	Any document(s) (including web-sites), organisation(s) or committee(s) from which any content of the metadata item originates, using AIHW referencing guidelines.
	This attribute may be left blank.
Reference documents:	The reference to any document that contributed to the development of the data standard which were not cited above, using AIHW referencing guidelines.

Relational attributes

Related metadata:	An indicator of relationships between data standards within a given sector: Health, Community services or Housing Assistance, for example:

Supersedes 🔴 Height—measured, version 2, DE, NHDD, NHIG, Superseded 01/03/2005.pdf (28.7 KB) NHIG, Standard 01/03/2005

Is used in the formation of Adult—body mass index (measured), ratio [N]NN.N[N] NHIG, Standard 01/03/2005

Explanation: This data element replaced the old version of this data element as of 1 March 2005. It is used in the calculation of body mass index, which was also approved as a standard on the same date.

Implemented in data set specifications:

A list of the data set specifications that include this data element, given the view permissions of the user, including any further requirements specific to this data set, for example:

Diabetes (clinical) NHIG, Standard 01/03/2005

Information specific to this data set:

Zero filled, right justified.

Explanation: This data element is included in the Diabetes (clinical) data set specification, which was approved as a standard by NHIG on 1 March 2005. Within this DSS only, height should be recorded in the hundreds, for example, '099.9'.

Name, for example, Diabetes (clinical)

Identifying and definitional attributes

Metadata item type:	The name of the type of data standard, that is:
	Data set specification
METeOR identifier:	A unique identifier within METeOR, for example:
	270361
Registration status:	A status value for the data standard indicating its stage in the registration process, for example:
	NHIG, Standard 01/03/2005
	Explanation: NHIG approved this data element as a national standard on 1 March 2005.
DSS type:	The type of data set specification: data set specification (DSS) or national minimum data set (NMDS), for example:
	DSS
Scope:	A description of the program underlying the collection, the purpose of the data collection, funding arrangements, the type of data collected and the types of data elements included, for example:
	The Diabetes (clinical) DSS relates to the clinical status of, the provision of services for, and the quality of care delivered to individuals with diabetes, across all health care settings.

Collection and usage attributes

Collection methods:	Comments, advice, or instructions for the actual capture of data, for example:
	Data are collected over a 1-month period of all diabetes patients presenting at sites participating in the collection. The information is de-identified to protect the privacy of individuals. The participation is voluntary. An individual benchmarking report is provided. The results provide a snapshot of care of people with diabetes.
Statistical unit:	The entities about which data will be collected and/or reported nationally, for example:
	Health status of and care provided to patients diagnosed with diabetes
Implementation date for this version of the DSS:	The date on which the version of the data set specification first became valid for collection of data on a national basis.

For prescribed collections of data (that is, NMDSs) this is usually either 1 July or 1 January of the year following endorsement.

For other DSSs it is usually the date of endorsement.

Comments: Any additional information that adds to the understanding of the data standard.

This attribute may be left blank.

Source and reference attributes

Submitting organisation: The full name of each organisation responsible for the submission of the data standard for endorsement as a national standard, for example:

Australian Institute of Health and Welfare

Steward: The full name of the organisation that has accepted responsibility and been approved by a registration authority to provide on going maintenance and management of a data standard, for example:

Australian Institute of Health and Welfare

Origin: Any document(s) (including websites), organisation(s) or committee(s) from which any content of the metadata item originates, using AIHW referencing guidelines.

This attribute may be left blank.

Reference documents: The reference to any documents that contributed to the development of the data standard which were not cited above, using AIHW referencing guidelines.

This attribute may be left blank.

Metadata items in the data set specification

Sequence number	Technical name	Obligation	Maximum
The order of the data element or data set specification within the data collection or transmission	A list of the data standards, either data elements or data set specifications, which are included in this data set specification	Whether the metadata item is mandatory, optional or conditional for the data collection or transmission	The maximum number of occurrences of the metadata item within the data set (99 means an infinite number of occurrences are possible)
-	Person—body height (measured), total centimetres NN[N].N	Mandatory	1
-	Person with diabetes—diabetes therapy type, code NN	Mandatory	99
-	Patient—insulin start date, YYYY	Mandatory	1

Explanation: This data set specification includes three data elements. Each of these data elements must be reported once, and in no particular order

Health Data Standards Committee membership

Role	Representative	Address
Chair	Mr Ken Tallis (present) Dr Ching Choi (previous)	Australian Institute of Health and Welfare GPO Box 570 CANBERRA ACT 2601
Australian Bureau of Statistics representative	Mr John Sant (present) Mr David Hunter (previous)	Australian Bureau of Statistics PO Box 10 BELCONNEN ACT 2616
Australian Capital Territory representative	Ms Louise Edmonds (present) Mr Ian Bull (previous)	ACT Health GPO Box 825 CANBERRA ACT 2601
Australian Institute of Health and Welfare representative	Ms Jenny Hargreaves	Hospitals and Mental Health Services Unit GPO Box 570 CANBERRA ACT 2601
Australian Private Hospital Association representative	Mr George Neale	Australian Private Hospital Association PO Box 291 ERINDALE CENTRE ACT 2903
Australian Government Department of Veterans' Affairs representative	Mr Will Hanham	Department of Veterans' Affairs PO Box 21 WODEN ACT 2606
Australian Government Department of Health and Ageing representative	Mr Gordon Tomes	Acute Care Development Branch, Acute Care Division Department of Health and Ageing GPO Box 9848 CANBERRA ACT 2601
Australian Government Department of Health and Ageing representative	Mr Peter Callanan	Private Health Services Reform Section Department of Health and Ageing GPO Box 9848 CANBERRA ACT 2601
Health Insurance Commission representative	Mr Gary Kennedy (present) Ms Vicki Bennett (previous)	Health Insurance Commission PO Box 1001 TUGGERANONG ACT 2901
National Centre for Classification in Health representative	Ms Margaret Campbell (present) Ms Sue Walker (previous)	National Centre for Classification in Health Queensland University of Technology Victoria Park Road KELVIN GROVE QLD 4059
Northern Territory representative	Ms Kristine Luke	Department of Health & Community Services PO Box 40596 CASUARINA NT 0811

Role	Representative	Address
Australian Health Insurance Association representative	Mr Wayne Adams	Australian Health Insurance Association 4 Campion Street DEAKIN ACT 2600
Queensland representative	Ms Sue Cornes	Queensland Department of Health GPO Box 48 BRISBANE QLD 4001
South Australia representative	Ms Julie Mitchell	Department of Human Services (SA) PO Box 287, Rundle Mall ADELAIDE SA 5001
Tasmania representative	Mr Peter Mansfield	Department of Health and Human Services GPO Box 125B HOBART TAS 7001
Department of Human Services Victoria representative	Mr Andrew Brown	Department of Human Services GPO Box 4057 MELBOURNE VIC 3001
Western Australia representative	Mr Tony Satti	Health Department of WA PO Box 8172 PERTH WA 6849
New South Wales representative	Mr David Baty	NSW Health Locked Mail Bag 961 NORTH SYDNEY NSW 2059
Clinical informatician representative (Standards Australia IT14 Health Informatics Committee)	Professor Evelyn Hovenga	School of Information Systems Faculty of Informatics and Communication Central Queensland University NORTH ROCKHAMPTON QLD 4702
Clinician representative	Dr Paul Magnus (present) Dr Lynette Lee (previous)	
Consumer representative	Ms Heather Grain	Consumer's Health Forum PO Box 3099 MANUKA ACT 2603
NDDSU representative (registrar)	Ms Meera Rajendran (present) Ms Trish Ryan (previous)	National Data Development and Standards Unit Australian Institute of Health and Welfare GPO Box 570 CANBERRA ACT 2601
Secretariat	Ms Margaret Blood Ms Joanne Maples	Australian Institute of Health and Welfare GPO Box 570 CANBERRA ACT 2601