

National health data dictionary

Version 7.0

The Australian Institute of Health and Welfare is an independent health and welfare statistics and information agency in the Commonwealth Health and Family Services portfolio. The Institute's mission is to inform community discussion and decision making through national leadership in the development and provision of authoritative and timely information on the health and welfare of Australians.

National health data dictionary

Version 7.0

National Health Data Committee

1998

Australian Institute of Health and Welfare
Canberra

AIHW Catalogue Number HWI 15

© Commonwealth of Australia 1998

This work is copyright. Apart from any use as permitted under the *Copyright Act 1968*, no part may be reproduced by any process without permission from AusInfo.

Requests and inquiries concerning reproduction and rights should be addressed to the Manager, Legislative Services, AusInfo, GPO Box 84, Canberra ACT 2601.

A complete list of the Institute's publications is available from the Publications Unit, Australian Institute of Health and Welfare, GPO Box 570, Canberra ACT 2601, or via the Institute's web-site at <http://www.aihw.gov.au>.

ISBN 0 642 24779 X

ISSN 1329 – 4555

Suggested citation

Australian Institute of Health and Welfare 1998. National Health Data Dictionary. Version 7.0. AIHW Catalogue no. HWI 15. Canberra: Australian Institute of Health and Welfare.

Australian Institute of Health and Welfare

Board Chair
Professor Janice Reid

Director
Dr Richard Madden

Any enquiries about or comments on this publication should be directed to:

National Information Development Unit
Australian Institute of Health and Welfare
GPO Box 570
Canberra ACT 2601

Phone: (02) 6244 1124 Fax: (02) 6244 1255

Published by the Australian Institute of Health and Welfare

Foreword

The Australian Institute of Health and Welfare (AIHW) is pleased to produce this seventh version of the *National health data dictionary*, which is a vital tool for use in ensuring the quality of Australian health data.

This edition includes a significant change in presentation, with data elements now presented according to their relationship to entities in the National Health Information Model. The data continues to be presented according to ISO/IEC International Standard 11179 *Specification and Standardization of Data Elements* – the standard for defining data elements issued by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), as these appear to have been accepted positively by users.

The dictionary was first made available in electronic form from July 1997 via the National Health Information Knowledgebase at the Institute's Internet home page (<http://www.aihw.gov.au>). The Knowledgebase has been updated to incorporate the seventh version of the dictionary. It is expected that the Knowledgebase will become the standard form of release for the dictionary and, as Internet access becomes more common, the requirement for this publication in hard copy will diminish. A downloadable copy of the dictionary is available from the Internet through the Institute's home page.

All Australian health departments, the Australian Bureau of Statistics, the AIHW, key non-government agencies, representatives of private hospitals and the private health insurance industry cooperate to produce in the dictionary a set of core definitions and data items for use in all Australian health data collections. Use of the dictionary will help ensure that data is collected uniformly from all services and jurisdictions throughout Australia and thereby improve the quality of information for community discussion and public policy debate on health issues in Australia.

Thanks are due to Joe Christensen, Jonette McDonnell, Trish Ryan, Laura Reece, Bernie Crowe and Alannah Smith of the Institute staff who have prepared the material for this seventh edition, and to all members of the National Health Data Committee who have overseen its preparation.

I urge all collectors of health-related data in Australia to use the dictionary and so improve comparability and quality of Australian health data. Dictionary content has been expanding beyond institutional health care, and many of the new data elements relate to other sectors of health care.

The National Health Data Committee, and the Institute, continue to welcome comment on the dictionary. Readers are encouraged to complete and return the feedback sheet included at the back of the dictionary. In addition, should readers have any views on future improvements to the dictionary, please contact the Institute so that the issues can be addressed.

Richard Madden
Director
Australian Institute of Health and Welfare

Contents

Foreword.....	i
Contents	iii
List of data elements	iv
Introduction.....	xi
The National Health Information Knowledgebase	xii
Objectives of the <i>National health data dictionary</i>	xii
Version 7.0 of the <i>National health data dictionary</i>	xiii
Format.....	xiii
Further information.....	xv
The National Health Information Model	xvii
Definitions of data elements related to Model entities	1
Appendix A: The National Health Data Committee Membership.....	463
Appendix B: ISO/IEC 11179-based standards	464
Appendix C: National Health Information Model entity definitions	468
Appendix D: Cross-classificatory variables – Staffing Category	479
Appendix E: Establishment – activity definitions	480
Appendix F: Establishment – resource use definitions.....	481
Appendix G: System-level resource definitions:.....	482
Appendix H: Data elements listed by previous ‘P’, ‘A’, ‘E’, and ‘S’ numbers.....	485

List of data elements

Data element name	NHIK ID no.	Page no.
Activity when injured.....	000002	280
Actual place of birth.....	000003	182
Acute care episode for admitted patients (<i>concept</i>).....	000004	296
Additional diagnosis – ICD-10-AM code [∇]	000005	94
Additional diagnosis – ICD-9-CM code.....	000005	96
Additional procedures – ICD-10-AM code [∇]	000006	344
Additional procedures – ICD-9-CM code.....	000006	346
Administrative expenses.....	000244	198
Admission date.....	000008	305
Admission time [♦]	000358	297
Admission (<i>concept</i>).....	000007	304
Admitted patient (<i>concept</i>) [∇]	000011	250
Adult abdomen to hip ratio [♦]	000373	14
Adult abdominal circumference – measured [♦]	000372	17
Adult abdominal circumference (<i>concept</i>) [♦]	000371	16
Adult body mass index [♦]	000367	20
Adult body mass index – classification [♦]	000368	23
Adult height – measured [♦]	000362	27
Adult height – self-reported [♦]	000363	31
Adult height (<i>concept</i>) [♦]	000361	26
Adult hip circumference – measured [♦]	000370	35
Adult hip circumference (<i>concept</i>) [♦]	000369	34
Adult weight – measured [♦]	000365	39
Adult weight – self-reported [♦]	000366	42
Adult weight (<i>concept</i>) [♦]	000364	38
Anaesthesia administered during labour.....	000013	348
Analgesia administered during labour.....	000014	349
Apgar score at 1 minute.....	000344	98
Apgar score at 5 minutes.....	000345	99
Area of usual residence.....	000016	162
Birth order.....	000019	274
Birth plurality.....	000020	275
Birthweight (<i>concept</i>).....	000021	100
Bodily location of main injury.....	000086	101
Capital expenditure.....	000248	190
Capital expenditure – gross (accrual accounting).....	000325	192
Capital expenditure – net (accrual accounting).....	000396	195
Carer availability [∇]	000022	458
Category reassignment date.....	000391	307
Census date.....	000174	404
Classification of health labour force job.....	000023	46

♦ Indicates a new data element

∇ Indicates a new version of a data element

Data element name	NHIK ID no.	Page no.
Clinical review (<i>concept</i>).....	000024	396
Clinical urgency.....	000025	308
Compensable status.....	000026	397
Complication of labour and delivery – ICD-10-AM code [∇]	000027	103
Complication of labour and delivery – ICD-9-CM code.....	000027	104
Complications of pregnancy – ICD-10-AM code [∇]	000028	105
Complications of pregnancy – ICD-9-CM.....	000028	106
Congenital malformations – BPA code.....	000029	107
Congenital malformations – ICD-10-AM code [∇]	000030	108
Congenital malformations – ICD-9-CM code.....	000030	109
Country of birth.....	000035	4
Date of birth.....	000036	5
Date of change to qualification status [◆]	000342	350
Date of completion of last previous pregnancy.....	000037	110
Date of first contact [∇]	000039	310
Date of first delivery of service [∇]	000038	312
Date of last contact [∇]	000040	384
Date of service event [◆]	000356	299
Date of triage [◆]	000353	314
Date patient presents [◆]	000350	315
Day program attendances.....	000211	351
Department of Veterans' Affairs file number.....	000204	252
Departure status [◆]	000359	385
Dependency in activities of daily living [∇]	000309	146
Depreciation.....	000246	199
Diagnosis related group.....	000042	113
Diagnosis (<i>concept</i>) [◆]	000398	111
Discharge date.....	000043	387
Domestic services.....	000241	200
Drug supplies.....	000238	201
Elective care (<i>concept</i>).....	000348	230
Elective surgery (<i>concept</i>).....	000046	353
Emergency Department waiting time to admission [◆]	000397	408
Emergency Department waiting time to service delivery [◆]	000347	409
Employment status – public psychiatric hospital admissions.....	000317	51
Employment status – acute hospital and private psychiatric hospital admissions.....	000395	49
Establishment identifier.....	000050	158
Establishment number.....	000377	160
Establishment sector.....	000379	170
Establishment type.....	000327	150
External cause – admitted patient – ICD-10-AM code [∇]	000053	282
External cause – admitted patient – ICD-9-CM code.....	000053	284
External cause – human intent [∇]	000382	285
External cause – non-admitted patient [∇]	000381	287
First admission for psychiatric treatment.....	000139	316

◆ Indicates a new data element

∇ Indicates a new version of a data element

Data element name	NHIK ID no.	Page no.
First day of the last menstrual period	000056	115
Food supplies.....	000240	202
Full-time equivalent staff.....	000252	203
Geographical location of establishment.....	000260	178
Gestational age	000060	117
Gestational age (<i>concept</i>).....	000059	116
Goal of care [∇]	000111	234
Group sessions.....	000210	354
Health labour force (<i>concept</i>).....	000061	454
Health outcome (<i>concept</i>).....	000062	226
Health outcome indicator (<i>concept</i>).....	000063	227
Hospital boarder (<i>concept</i>) [∇]	000065	253
Hospital census (<i>concept</i>).....	000066	405
Hospital insurance status.....	000075	84
Hospital waiting list (<i>concept</i>).....	000067	231
Hospital (<i>concept</i>)	000064	166, 240
Hours on-call (not worked) by medical practitioner	000393	264
Hours worked by health professional	000313	265
Hours worked by medical practitioner in direct patient care	000392	267
Indicator procedure - ICD-10-AM code [∇]	000073	355
Indicator procedure – ICD-9-CM code.....	000073	358
Indigenous status	000001	6
Indirect health care expenditure.....	000326	205
Individual/group session	000235	300
Infant weight, neonate, stillborn	000010	118
Intended length of hospital stay	000076	398
Intended place of birth	000077	402
Intensive care unit (<i>concept</i>).....	000078	167
Interest payments.....	000245	207
Inter-hospital same-day contracted patient.....	000079	361
Length of stay.....	000119	412
Listing date.....	000082	317
Live birth (<i>concept</i>).....	000083	120
Location immediately prior to admission to nursing home	000084	183
Major diagnostic category.....	000088	121
Marital status.....	000089	72
Maternal medical conditions – ICD-10-AM code [∇]	000090	123
Maternal medical conditions – ICD-9-CM code	000090	124
Medical and surgical supplies	000239	208
Medicare number	000091	254
Mental health legal status [∇]	000092	90
Method of birth	000093	277
Minutes of operating theatre time.....	000094	363
Mode of separation.....	000096	389
Narrative description of injury event.....	000099	289

◆ Indicates a new data element

∇ Indicates a new version of a data element

Data element name	NHIK ID no.	Page no.
Nature of main injury – non-admitted patient [∇]	000087	125
Need for interpreter service	000100	237
Neonatal death (<i>concept</i>)	000101	292
Neonatal morbidity – ICD-10-AM code [∇]	000102	128
Neonatal morbidity – ICD-9-CM code.....	000102	129
Neonate (<i>concept</i>).....	000103	2
Non-admitted patient (<i>concept</i>).....	000104	255
Non-elective care (<i>concept</i>).....	000105	364
Non-salary operating costs*	000360	209
Number of acute (qualified)/unqualified days for newborns*	000346	413
Number of available beds for admitted patients.....	000255	455
Number of contacts (psychiatric outpatient clinic/day program)	000141	365
Number of days in special/neonatal intensive care	000009	366
Number of leave periods.....	000107	391
Nursing diagnosis [∇]	000110	130
Nursing interventions [∇]	000112	368
Occasions of service	000209	414
Occupation of person	000230	59
Occupation (<i>concept</i>)	000229	242
Onset of labour.....	000113	370
Other recurrent expenditure.....	000247	211
Other revenues.....	000323	212
Outcome of last previous pregnancy.....	000114	132
Overdue patient.....	000085	416
Overnight-stay patient (<i>concept</i>).....	000116	256
Patient accommodation eligibility status.....	000118	399
Patient days	000206	417
Patient listing status.....	000120	318
Patient presentation at Emergency Department (<i>concept</i>)*	000349	320
Patient revenue	000296	213
Patient transport.....	000243	215
Patient (<i>concept</i>).....	000117	258
Patients in residence at year end.....	000208	419
Payments to visiting medical officers.....	000236	216
Pension status – nursing home residents.....	000383	86
Pension status – psychiatric patients	000121	87
Perinatal period (<i>concept</i>).....	000124	133
Perineal status.....	000125	134
Period of residence in Australia	000126	8
Person identifier	000127	260
Place of occurrence of external cause of injury – admitted patient – ICD-10-AM code [∇]	000384	184
Place of occurrence of external cause of injury – admitted patient – ICD-9-CM code	000384	185
Place of occurrence of external cause of injury – non-admitted patient.....	000128	186

◆ Indicates a new data element

∇ Indicates a new version of a data element

Data element name	NHIK ID no.	Page no.
Postpartum complication – ICD-10-AM code [∇]	000131	135
Postpartum complication – ICD-9-CM code	000131	136
Preferred language [∇]	000132	74
Presentation at birth	000133	278
Previous pregnancies	000134	137
Principal area of clinical practice	000135	63
Principal diagnosis – ICD-10-AM code [∇]	000136	139
Principal diagnosis – ICD-9-CM code	000136	141
Principal procedure – ICD-10-AM code [∇]	000137	371
Principal procedure – ICD-9-CM code	000137	373
Principal role of health professional	000138	66
Profession labour force status of health professional	000140	68
Qualification status [♦]	000343	375
Reason for removal	000142	321
Recoveries	000295	217
Referral to further care (psychiatric patients)	000143	323
Region code	000378	171
Repairs and maintenance	000242	219
Resuscitation of baby	000145	376
Salaries and wages	000254	220
Same-day patient (<i>concept</i>)	000146	261
Scheduled admission date	000147	325
Separation (<i>concept</i>)	000148	392
Separations	000205	420
Sex	000149	9
Source of referral to acute hospital or private psychiatric hospital	000385	172
Source of referral to public psychiatric hospital	000150	173
Specialised service indicators	000321	460
State identifier	000380	174
State/Territory of birth	000155	11
Status of the baby	000159	143
Stillbirth (foetal death) (<i>concept</i>)	000160	145, 293
Superannuation employer contributions (including funding basis)	000237	222
Surgical specialty	000161	269
Teaching status	000322	155
Time of service event [♦]	000357	301
Time of triage [♦]	000354	326
Time patient presents [♦]	000351	327
Total hours worked by a medical practitioner	000394	271
Total leave days	000163	393
Total psychiatric care days [∇]	000164	421
Total waiting time (census data)	000165	424
Total waiting time (throughput data)	000386	426
Triage category [♦]	000355	328
Type and sector of employment establishment	000166	176

♦ Indicates a new data element

∇ Indicates a new version of a data element

Data element name	NHIK ID no.	Page no.
Type of admitted patient care for long-stay patients – ICD-10-AM code [∇]000388		428
Type of admitted patient care for long-stay patients – ICD-9-CM code000388		429
Type of admitted patient care for overnight patients – ICD-10-AM code [∇]000387		430
Type of admitted patient care for overnight patients – ICD-9-CM code000387		432
Type of admitted patient care for same-day patients – ICD-10-AM code [∇] ...000232		434
Type of admitted patient care for same-day patients – ICD-9-CM code000232		436
Type of admitted patient care for short-stay patients – ICD-10-AM code [∇] ...000389		438
Type of admitted patient care for short-stay patients – ICD-9-CM code000389		439
Type of augmentation of labour	000167	377
Type of episode of care	000168	378
Type of labour induction	000171	382
Type of non-admitted patient care.....	000231	440
Type of non-admitted patient care (nursing homes and hostels).....	000234	444
Type of non-admitted patient care (public psychiatric, alcohol and drug)	000233	445
Type of nursing home admission	000172	330
Type of usual accommodation	000173	80
Type of visit*	000352	332
Waiting list category – ICD-10-AM code [∇]	000176	334
Waiting list category – ICD-9-CM code	000176	338
Waiting time since last category reassignment (census data)	000268	448
Waiting time since last category reassignment (throughput data)	000390	450

◆ Indicates a new data element

∇ Indicates a new version of a data element

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 signing of the National Health Information Agreement in June 1993 there have been many changes in the development and management of national health information resulting in the expansion of both the scope and content of the five subsequent versions of the *National health data dictionary*.

The National Health Data Committee (NHDC) is responsible for coordinating the development and revision of the *National health data dictionary* (see Appendix A for a list of current NHDC members). The NHDC deliberates on all data elements proposed for national collection in the health field or submitted for inclusion in the *National health data dictionary*. The National Health Information Management Group (NHIMG), which is charged with overseeing the National Health Information Work Program, endorses all data definitions included in the *National health data dictionary*.

The National Health Information Work Program incorporates health information development and review activities for agreed national priority areas that have a national focus or national implications. The activities range from developmental work on standard hospital charts of accounts, health outcome measures and new collections such as community mental health care, to improved definitions and enhancement of existing collections such as vital statistics and hospital morbidity data. One or more signatories to the agreement have accepted the role of Responsible Agency for each project listed in the work program. Many projects listed on the National Health Information Work Program contribute to the *National health data dictionary*. More information about the National Health Information Work Program is available on the National Health Information Knowledgebase (NHIK).

The range and relevance of the data definitions included in the *National health data dictionary* are dependent, to a significant extent, on the material submitted to the NHDC by the many and varied expert working groups that are actively developing data in the health field. The NHDC is required to ensure that all data submitted for consideration has undergone sufficient national consultation with recognised experts and stakeholders in the relevant field. The NHDC also has responsibility for ensuring that data definitions are documented to metadata standards compatible with existing, established standards. The NHDC does not normally undertake data development work directly. Rather, it provides a channel through which standards emerging from nationally focused data development work are documented and endorsed by the National Health Information Management Group for implementation in national data collections and made more widely available to stakeholders in the national health information arena.

The National Health Information Knowledgebase

The National Health Information Knowledgebase, or NHIK, is an electronic repository and information management environment for health metadata (data about data) and data standards. The Knowledgebase is an Internet application, accessible through any browser compatible with HTML version 3.2 or later. It has been written using Oracle's Webserver technology.

The Knowledgebase has been designed and created by the AIHW on behalf of the National Health Information Management Group. The initial release integrates and presents:

- the National Health Information Model
- the *National health data dictionary*
- a national directory of data collections
- the National Health Information Work Program.

The Knowledgebase implements internationally recognised metadata descriptors for data elements (ISO/IEC International Standard 11179 – *Specification and Standardization of Data Elements*) and facilitates the communication, development and exchange of metadata. A more detailed explanation of the metadata format used on the Knowledgebase and also in this publication is provided at Appendix B.

The integrating features of the Knowledgebase enable information managers and policy developers to query and view industry-level metadata in ways not possible with traditional paper-based records, repositories, dictionaries or manuals. For example, this assists with the identification of duplication, gaps and redundancies in metadata and/or development effort, and promotes general improvement in information management across an industry. It is envisaged that, over time, access to the *National health data dictionary* will be primarily electronic, via the Knowledgebase.

The Internet address for the National Health Information Knowledgebase is <http://www.aihw.gov.au>

Objectives of the *National health data dictionary*

The objectives of the *National health data dictionary* are to:

- establish a core set of uniform definitions relating to the full range of health services and a range of population parameters (including health status and determinants)
- promote uniformity, availability, reliability, validity, consistency and completeness in the data
- 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.

Version 7.0 of the *National health data dictionary*

This version of the dictionary contains 230 data definitions, including a number of new and revised data definitions that have been agreed by the members of the NHDC, and endorsed by the National Health Information Management Group. They will be effective from 1 July 1998. A full alphabetical listing of all data elements and data element concepts included in this version of the dictionary is provided at the front of this publication.

Definitions that have been superseded since Version 6.0 have not been retained in this publication, with the exception of those data elements that include the ICD-9-CM classification. Although the use of ICD-10-AM is now accepted as the national standard, the timetable for the implementation of ICD-10-AM varies across States and Territories. Consequently, the superseded data elements using ICD-9-CM remain acceptable data standards until 30 June 1999 and have been included in Version 7.0.

Data elements that have been superseded or rendered obsolete by new or revised data elements in Version 7.0 are available on the National Health Information Knowledgebase.

Several Version 6.0 data elements related to nursing homes have been excluded from Version 7.0 as they have become obsolete. These data elements are based on the now outdated NH5 form and Resident Classification Instrument and no longer represent national data collection standards in the nursing home sector. Replacements for these data elements will be considered as part of a broader review of the impact of recent structural reforms in residential aged care on the dictionary.

Format

As in Version 6.0, data definitions are presented in a format based on ISO/IEC International Standard 11179 *Specification and Standardization of Data Elements* – the international standard for defining data elements issued by the ISO and the IEC. This format is explained in detail in Appendix B.

Version 7.0, however, differs from previous versions of the dictionary in that all data elements and data element concepts are organised and presented according to a preliminary mapping of data elements according to their relationship to entities in the National Health Information Model. The mapping of data elements to the Model will be progressively refined following consultation with stakeholders in the national health information field. This initiative in Version 7.0 is designed to enhance the integration of the model with the data elements – thus providing a more complete framework for understanding and implementing existing definitions and for identifying areas for further data development activity. A copy of the full Model is included following this introductory section to Version 7.0.

In addition, a header page that displays the segment of the model to which the data elements relate introduces groups of data elements/concepts associated with an entity in the model. In a few cases, a data element concept has been deemed to relate to more than one entity in the model. In such cases, the data element concept definition has been included in each entity group to which it relates. To assist with understanding the relationship between the data elements/concepts and their

associated model entities, definitions of all entities in the National Health Information Model are provided at Appendix C.

With the move to using the Model as the organising principle for Version 7.0, the use of 'P', 'A', 'E' or 'S' numbers for each data element has been discontinued. Although the data definitions are no longer categorised according to whether they relate to Patient level ('P'), Establishment level ('E'), Activity level ('A') or System level ('S') data, the data definitions included in Version 7.0 still encompass this range of data. Each data element and data element concept has been mapped to that entity in the National Health Information Model to which it primarily relates. However, to assist with mapping the data elements in Version 7.0 to Version 6.0, Appendix H contains a list of all Version 7.0 data elements that were included in Version 6.0 according to their previous 'P', 'A', 'E' or 'S' numbers.

For example, the data element 'Separations' which was previously listed as 'A1' is now mapped to the sub-entity 'Performance Indicator' in the entity 'Health and Welfare Policy/Plan Element', which is, in turn, located within the super-entity 'Business Statement'. Thus, the data element 'Separations' is now grouped with those other data elements that are primarily used as performance indicators, such as, 'Patient days', 'Total waiting time (throughput data)' and 'Health outcome indicator'.

Readers of the dictionary are invited to comment on the mapping of the data elements to the Model, and on any other aspect of the dictionary, by completing and returning the feedback sheet included at the back of the dictionary.

The mapping of data elements to the Model provides a more structured view of the data contained in the *National health data dictionary* than is possible through the use of the previous categories – Patient, Activity, Establishment and System. However, to assist with understanding the history and uses of data elements that provide information about the activities and resource use of health care establishments and the system as a whole, the following information provided in Version 6.0 of the *National health data dictionary* has been updated and included in Version 7.0 as follows.

- Appendix D Staffing categories** – provides expanded information about the staffing categories used in the data elements 'Full-time equivalent staff' and 'Salaries and wages'.
- Appendix E Establishment – activity definitions** – provides information about the definition of 'establishment' in the *National health data dictionary* and activity data related to acute hospitals and public psychiatric and alcohol and drug hospital activity.
- Appendix F Establishment – resource use definitions** – provides information about data definitions related to the use of resources in health services.
- Appendix G System-level resource data definitions** – provides information about data definitions related to the entire institutional sector, such as public hospitals, or domiciliary nursing services, at the State, Territory or Commonwealth level (whichever is the highest level of overall administration of the system), including a glossary of terms that support the definitions of capital expenditure.

Further information

Further information about the *National health data dictionary*, the National Health Information Work Program, the National Health Information Model and National Minimum Data Sets and data collections is available on the National Health Information Knowledgebase on the Australian Institute of Health and Welfare (AIHW) home page – <http://www.aihw.gov.au> – or by contacting the Secretariat, National Health Data Committee at the AIHW on (02) 6244 1109, fax (02) 6244 1255.

National Health Information Model
Version 2.0
DRAFT
 Prepared by the National Information Development Unit
 Australian Institute of Health and Welfare
 GPO Box 570, Canberra ACT Australia 2601
 Phone: (06) 244 1000 Fax: (06) 244 1255

Party characteristics

PERSON CHARACTERISTIC

- DEMOGRAPHIC CHARACTERISTIC
- PHYSICAL CHARACTERISTIC
- LABOUR CHARACTERISTIC
- LIFESTYLE CHARACTERISTIC
- SOCIAL CHARACTERISTIC
- EDUCATION CHARACTERISTIC
- PARENTING CHARACTERISTIC
- ACCOMMODATION CHARACTERISTIC
- CULTURAL CHARACTERISTIC
- INSURANCE / BENEFIT CHARACTERISTIC
- LEGAL CHARACTERISTIC
- OTHER PERSON CHARACTERISTIC

STATE OF HEALTH AND WELLBEING

AGGREGATE HEALTH AND WELLBEING

COMPONENT HEALTH AND WELLBEING

HEALTH STATUS

- PHYSICAL WELLBEING
- MENTAL WELLBEING
- FUNCTIONAL WELLBEING

SOCIAL WELLBEING

ECONOMIC WELLBEING

CULTURAL WELLBEING

SPIRITUAL WELLBEING

PERSON VIEW

- ATTITUDE
- BELIEF
- EXPECTATION
- VALUE

PARTY GROUP CHARACTERISTIC

ORGANISATION CHARACTERISTIC

LOCATION

ADDRESS

SETTING

- ORGANISATIONAL SETTING
- SERVICE DELIVERY SETTING
- OTHER SETTING

EXPENDITURE

- CAPITAL EXPENDITURE
- RECURRENT EXPENDITURE

OUTCOME

- STATED OUTCOME
- EXPECTED OUTCOME

NEED / ISSUE

CARE PLAN

PARTY

- PERSON
- PARTY GROUP
- ORGANISATION
 - LEGALLY CONSTITUTED ORGANISATION
 - ORGANISATION SUB-UNIT

PARTY ROLE

- PARTY RELATIONSHIP ROLE
- PARTY GROUP ROLE
- PERSON ROLE
 - CITIZEN ROLE
 - FAMILY MEMBER ROLE
 - CARER ROLE
 - ADVOCATE ROLE
 - RESOURCE ROLE
 - OTHER PERSON ROLE
- ORGANISATION ROLE
 - SERVICE FUNDER ROLE
 - SERVICE PURCHASER ROLE
 - OTHER ORGANISATION ROLE
- RECIPIENT ROLE
- SERVICE PROVIDER ROLE
- RESEARCH ROLE
- OTHER ROLE

EVENT

PERSON EVENT

- BIRTH EVENT
- LIFE EVENT
 - SELF HELP EVENT
 - CRISIS EVENT
 - ILLNESS EVENT
 - ACUTE EVENT
 - NON-ACUTE EVENT
 - INJURY EVENT
 - OTHER CRISIS EVENT
 - OTHER LIFE EVENT
- DEATH EVENT
- LEGAL STATUS EVENT
- COMMUNITY EVENT
- ENVIRONMENTAL EVENT
- RESEARCH EVENT

HEALTH AND WELFARE SERVICE EVENT

- REQUEST FOR / ENTRY INTO SERVICE EVENT
- SERVICE PROVISION EVENT
- EXIT / LEAVE FROM SERVICE EVENT
- ASSESSMENT EVENT
- SCREENING EVENT
- EDUCATION EVENT
- ADVOCACY EVENT
- PLANNING EVENT
- SURVEILLANCE / MONITORING EVENT
- PAYMENT / CONTRIBUTION EVENT
- SERVICESTUPPORT EVENT
- OTHER HEALTH AND WELFARE SERVICE EVENT
- OTHER EVENT

Business Factors

BUSINESS STATEMENT

- HEALTH AND WELFARE POLICY / PLAN
- HEALTH AND WELFARE POLICY / PLAN ELEMENT
 - VISION / MISSION
 - GOAL / OBJECTIVE
 - PRIORITY
 - PERFORMANCE INDICATOR
 - OTHER POLICY / PLAN ELEMENT

BUSINESS PROGRAM

- HEALTH AND WELFARE PROGRAM
- HEALTH AND WELFARE PROGRAM ELEMENT
 - PROGRAM STRATEGY
 - PROGRAM ACTIVITY
 - PROGRAM EVALUATION

BUSINESS AGREEMENT

- FUNDING AGREEMENT
- EMPLOYMENT AGREEMENT
- OTHER AGREEMENT

PERFORMANCE GOAL

- BENCHMARK
- STANDARD

Enabling Factors

RESOURCE

- AGGREGATE RESOURCE ITEM
- SPECIFIC RESOURCE ITEM
 - MATERIAL RESOURCE ITEM
 - FINANCIAL RESOURCE ITEM
 - HUMAN RESOURCE ITEM
 - INFORMATION RESOURCE ITEM

OTHER ENABLING FACTOR

- KNOWLEDGE FACTOR
- ACCESSIBILITY FACTOR
- AVAILABILITY FACTOR

Environmental Factors

PHYSICAL ENVIRONMENT

- NATURAL ENVIRONMENT
- BUILT ENVIRONMENT

SOCIAL ENVIRONMENT

- JUDICIAL SYSTEM
- EDUCATIONAL SYSTEM
- COMMUNITY ORGANISATION
- OTHER SOCIAL ENVIRONMENT

NOTE: NEW ENTITIES ARE DENOTED BY A DASHED OUTLINE

