

Appendix A: The National Health Data Committee membership

The National Health Data Committee membership as at February 2001 was:

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Mr Geoff Sims (Chair)	Head Health Division Australian Institute of Health and Welfare GPO Box 570 CANBERRA ACT 2601	(02) 6244 1168	(02) 6244 1166	geoff.sims@aihw.gov.au
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Mr Geoffrey Moore	Assistant Director Hospital Deeds and Arrangements Department of Veterans' Affairs PO Box 21 WODEN ACT 2606	(02) 6289 4896	(02) 6289 4727	geoffrey.moore@dva.gov.au
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Appendix B: Format for data element definitions— ISO/IEC 11179-based standards

All data element definitions included in the *National Health Data Dictionary* are presented in a format based on ISO/IEC Standard 11179 *Specification and Standardization of Data Elements* – the international standard for defining data elements issued by the International Organization for Standardization and the International Electrotechnical Commission. Collectively, the format describes a set of attributes for data definitions.

Starting from Version 10 of the Dictionary, when a data element does not contain information for a given attribute, that attribute heading will not be displayed.

The set of attributes for data definitions used in the *National Health Data Dictionary* are described below.

Administrative status:	The operational status (e.g. CURRENT, SUPERSEDED) of the data element or data element concept and the date from which this status is effective. For example, in the Dictionary the latest revision of ‘area of usual residence’ effective from 1 July 1997 has a ‘CURRENT’ status, replacing the previous version of this data element operational from 1 July 1995 until 30 June 1997, which now has a ‘SUPERSEDED’ status. No SUPERSEDED data elements are included in this hard copy publication of the Dictionary. However, all data elements, including SUPERSEDED data elements, are included on the Knowledgebase.
Knowledgebase ID:	A six-digit number used to identify the data element on the Knowledgebase (previously known as the National Health Information Knowledgebase or NHIK). In the Knowledgebase this number is preceded by an acronym that identifies the Registration Authority for each data element. The National Health Information Management Group (NHIMG) is the Registration Authority for all data elements included in the Dictionary. The combination of Registration Authority, Knowledgebase (or NHIK) ID and version number (see below) uniquely identifies each data element in the Knowledgebase.
Version number:	A version number for each data element, beginning with 1 for the initial version of the data element, and 2, 3 etc. for each subsequent revision. This meets the ISO/IEC Standard 11179 requirement for ‘identification of a data element specification in a series of evolving data element specifications within a registration authority’. A new version number is allocated to a data element/concept when changes have been made to one or more of the following attributes of the definition: <ul style="list-style-type: none"> - name - definition - data domain.

Identifying and definitional attributes

Name:	A single or multi-word designation assigned to a data element. This appears in the heading for each unique data definition in the Dictionary.
Data element type:	A data element may be either: <ol style="list-style-type: none"> a. a DATA ELEMENT CONCEPT – a concept which can be represented in the form of a data element, described independently of any particular representation. For example, hospital ‘admission’ is a process, which does not have any particular representation of its own, except through data elements such as ‘admission date’, ‘mode of admission’ etc.

- b. a DATA ELEMENT – a unit of data for which the definition, identification, representation and permissible values are specified by means of a set of attributes. For example, a hospital ‘admission date’ is a unit of data for which the definition, identification, representation and permissible values are specified.
- c. a DERIVED DATA ELEMENT – a data element whose values are derived by calculation from the values of other data elements. For example, the data element ‘length of stay’ is derived by calculating the number of days from ‘admission date’ to ‘separation date’ less any ‘total leave days’.
- d. a COMPOSITE DATA ELEMENT – a data element whose values represent a grouping of the values of other data elements in a specified order. For example, the data element ‘establishment identifier’ is a grouping of the data elements ‘state identifier’, ‘establishment type’, ‘region’ and ‘establishment number’ in that order.

Definition:	A statement that expresses the essential nature of a data element and its differentiation from all other data elements.
Context:	A designation or description of the application environment or discipline in which a name is applied or from which it originates. For example, the context for ‘admission date’ is ‘admitted patients’, while the context for ‘capital expenditure – gross’ is ‘health expenditure’. For the Dictionary this attribute may also include the justification for collecting the items and uses of the information.

Relational and representational attributes

Data type:	The type of symbol, character or other designation used to represent a data element. Examples include integer, numeric, alphanumeric etc. For example, the data type for ‘intended place of birth’ is a numeric drawn from a domain or codeset in which numeric characters such as 1 = hospital, 4 = home are used to denote a data domain value (see Data domain below).
Field size (minimum and maximum):	The minimum and maximum number, respectively, of storage units (of the corresponding data type) to represent the data element value. For example, a data element value expressed in dollars may require a minimum field size of one character (1) up to a maximum field size of nine characters (999,999,999). Field size does not generally include characters used to mark logical separations of values, e.g. commas, hyphens or slashes.
Layout:	The <i>representational layout</i> of characters in data element values expressed by a character string representation. Examples include ‘DDMMYYYY’ for calendar date, ‘N’ for a one-digit numeric field, and ‘\$\$\$,\$\$\$,\$\$\$’ for data elements about expenditure.
Data domain:	The set of representations of permissible instances of the data element, according to the representation form, layout, data type and maximum size specified in the corresponding attributes. The set can be specified by name (including an existing classification/code scheme such as ICD-10-AM), by reference to a source (such as the <i>ABS Directory of concepts and standards for social, labour and demographic statistics, 1995</i>), or by enumeration of the representation of the instances (for example, for ‘compensable status’ values are 1 = compensable, 2 = non-compensable).
Guide for use (optional):	Additional comments or advice on the interpretation or application of the attribute ‘data domain’ (this attribute has no direct counterpart in the ISO/IEC Standard 11179 but has been included to assist in clarification of issues relating to the classification of data elements).

Verification rules (optional):	The rules and/or instructions applied for validating and/or verifying elements occurring in actual communication and/or databases, in addition to the formal screening based on the requirements laid down in the basic attributes.
Collection methods (optional):	Comments and advice concerning the actual capture of data for the particular data element, including guidelines on the design of questions for use in collecting information, and treatment of 'not stated' or non-response (this attribute is not specified in the ISO/IEC Standard 11179 but has been added to cover important issues about the actual collection of data).
Related data (optional):	A reference between the data element (or data element concept) and any related data element/concept in the Dictionary, including the type of this relationship. Examples include: 'has been superseded by the data element...', 'is calculated using the data element...' and 'supplements the data element...'.

Administrative attributes

Source document (optional):	The document from which definitional or representational attributes originate.
Source organisation:	The organisation responsible for the source document and/or the development of the data definition (this attribute is not specified in the ISO/IEC Standard 11179 but has been added for completeness). The source organisation is not necessarily the organisation responsible for the ongoing development/maintenance of the data element definition.
National minimum data sets (optional):	The name of any national minimum data set established under the auspice of the National Health Information Agreement (NHIA) which includes the particular data element. The date of effect is also included.
Comments (optional):	Any additional explanatory remarks on the data element.

Appendix C: National Health Information Model entity definitions

Entity name	Entity definition
Accessibility factor	<p>An instance of a factor that influences, determines or affects access to services, providers and information.</p> <p>For example, privacy of records, location of persons and providers, distance from medical services.</p>
Accommodation characteristic	<p>The living arrangements of a PERSON.</p> <p>For example, the type of dwelling, age of dwelling, number of bedrooms, modification of dwelling to account for restricted movement.</p> <p>In the National Health Information Model, accommodation/housing characteristic relates to where a PERSON usually resides. If information is being collected about accommodation characteristic at an instance in time—for example, while a PERSON is in receipt of care—the data element will fall within the SETTING entity.</p>
Acute event	<p>An acute illness-related LIFE EVENT experienced by a PERSON.</p> <p>For example, the diagnosis of a disease.</p>
Address	<p>The address at which a PERSON, PARTY or ORGANISATION may be contacted/located or where an item may be located.</p> <p>Address has been modified from Version 1.0 of the National Health Information Model. Address now encompasses all those elements of an address which were previously separated in Version 1.0 such as country, State/Territory, city, postcode and street or postal address, telephone, facsimile and electronic mail addresses.</p>
Advocacy event	<p>An EVENT associated with the act of communicating, defending and recommending a cause or position or acting as an agent.</p>
Advocate role	<p>A PERSON in their role as an advocate for another PARTY.</p>
Aggregate health and wellbeing	<p>A composite measure of the health and wellbeing of a PERSON. It generally involves measures/instruments which assess the multi-dimensional factors contributing to health and wellbeing.</p> <p>For example, measures currently in use in Australia include SF-36 and SF-12 scores, quality of life measures, health expectancies.</p>
Aggregate resource item	<p>An instance of aggregate or total resources.</p> <p>For example, total nursing staff or the total budget allocated to a program or organisation.</p> <p>While the National Health Information Model recognises the individual resource items (MATERIAL, FINANCIAL, HUMAN and INFORMATION RESOURCE ITEMS) the totals of these items are most commonly used in resource management.</p>
Assessment event	<p>An EVENT associated with the gathering and analysing of information concerning a PARTY.</p> <p>For example, an assessment of home-based care requirements, a diagnosis.</p>
Attitude	<p>The attitudes of a PERSON towards health, health care, and the health and welfare systems.</p>
Availability factor	<p>An instance of a factor that influences, determines or affects availability of services for a PERSON or group.</p> <p>For example, the availability of services such as employment assistance for a PERSON with a disability.</p>
Belief	<p>The beliefs of a PERSON about health, health care, and the health and welfare systems.</p>
Benchmark	<p>A criterion against which something is measured.</p> <p>Compare with STANDARD.</p>
Birth event	<p>The EVENT of being born.</p> <p>It describes EVENTS which happen to both the baby and the mother during the birth, but does not include descriptions of the health of the baby or mother; these elements are mapped to subtypes of the STATE OF HEALTH AND WELLBEING entity.</p>
Built environment	<p>The built (manufactured) environment in which a PERSON or community lives.</p> <p>For example, quality of housing, access to appropriate sanitation systems.</p>

Entity name	Entity definition
Business agreement	<p>An agreement or contract between parties which specifies the roles and responsibilities of each in relation to a health and welfare program.</p> <p>For example, purchaser-provider agreements, employment contracts, service contracts and other funding agreements.</p>
Business program	A program conducted by a business or organisation.
Business statement	A policy statement or business plan.
Capital expenditure	<p>Expenditure on capital items incurred by a PARTY.</p> <p>For example, expenditure on land, buildings, medical equipment.</p>
Care plan	<p>A sequenced list of treatments, other services, and resources that are prescribed to improve a PARTY's STATE OF HEALTH AND WELLBEING.</p> <p>For example, a rehabilitation program for a back injury.</p> <p>A care plan is a scheme which groups and specifies the roles of material or human resources, planned events and parties in providing health and welfare services to a PERSON or group. A care plan may not always be formally notified or even documented.</p>
Carer role	<p>A PERSON in their role as a carer of another PERSON/s who are ill or disabled and unable to perform the tasks of daily living for themselves.</p> <p>For example, a PERSON providing respite care.</p>
Citizen role	<p>A PERSON, about whom information may be required, but who is not engaged in a specific role within the HEALTH AND WELFARE sector.</p> <p>For example, the identification of an individual via a Medicare number or of an individual (often anonymously) who is participating in a population-based health or welfare survey.</p>
Community event	<p>An EVENT which is initiated by or affects members of a community.</p> <p>For example, meetings of support groups (e.g. SIDA), and actions or decisions by a community to undertake or not undertake a course of action on such subjects as curfews, right to life, use of alcohol and sex education. Extreme examples include protests, demonstrations and riots.</p>
Community organisation	<p>An ORGANISATION operating for the purpose of meeting community needs.</p> <p>For example, a religious, recreational, sporting or volunteer organisation.</p>
Component health and wellbeing	<p>Component health and wellbeing is a single measure/assessment of the health and wellbeing of a PERSON.</p> <p>For example, diagnosis of illness, disease or injury, self-assessed health status, enough money to buy food, ability to look after oneself.</p>
Crisis event	An acute LIFE EVENT (such as the incidence or prevalence of disease or injury) experienced by a PERSON.
Cultural characteristic	A characteristic of a PERSON which identifies their religious, political, linguistic and ethnic affiliations.
Cultural wellbeing	Those aspects of a PERSON's or community's wellbeing that can be ascribed to cultural factors.
Death event	<p>The EVENT of death.</p> <p>Attributes of this entity would normally include such data elements as date, time and cause of death.</p> <p>The death event does not necessarily imply the end of all events relating to a PERSON, since events such as organ donation and transmission of disease may still occur.</p>
Demographic characteristic	<p>A characteristic of a PERSON which contributes to the specification of the population or sub-population to which they belong.</p> <p>For example, sex, country of birth, year of arrival in Australia, Indigenous status.</p>
Economic wellbeing	<p>Those aspects of a PERSON's or community's wellbeing that can be ascribed to economic factors.</p> <p>For example, insufficient funds to support an acceptable standard of living.</p>
Education characteristic	<p>A characteristic of a PERSON which relates to their education.</p> <p>For example, highest qualification held, age when left school.</p>
Education event	<p>The instance of a PARTY educating another PARTY about the availability, knowledge and access of health and welfare services.</p> <p>For example, school-based drug and alcohol education programs.</p>

Entity name	Entity definition
Educational system	The public or private provision of education services. For example, the availability of kindergarten, primary school, secondary school and tertiary education facilities in a locality or community.
Employment agreement	An agreement or contract for employing a PERSON and being employed by a PARTY. The employment agreement normally involves two parties, one in an employer role and the other as the employee.
Environmental event	A change in the environment which has an effect on one or more parties. Although all events occur within an 'environment', the concept of an environmental event is an event which has the environment (physical, chemical, biological, social, economic, cultural) as its principal focus. Examples of environmental events include storms, floods and droughts, riots and war, spillage of hazardous chemicals, liquids or gases, and economic recession.
Event	Something which happens to or with a PARTY. This entity reflects the emphasis in the model on events which happen, and which may trigger or influence other events. Since the model is also date/time stamped at different instances in time, the model can accommodate the development of people and their health and welfare status and wellbeing by tracking these events. Event is a major supertype entity in the National Health Information Model.
Exit/leave from service event	The instance of an exit or period of leave by a PERSON from a SERVICE DELIVERY SETTING. For example, a hospital separation, leave from a hospital/nursing home for an agreed period of time.
Expectation	The expectations of a PERSON about health, health care, and the health and welfare systems.
Expected outcome	A desired level of attainment to be achieved through one or more HEALTH AND WELFARE SERVICE EVENTS. An outcome in the National Health Information Model most commonly relates to a PERSON but may also be stated for a PARTY or ORGANISATION.
Expenditure	Expenditure on capital items (land, buildings) or indirect expenditure (patient transport, cleaning services) incurred by an ORGANISATION.
Family member role	A PERSON in their role as a family member. For example, mother, father, guardian, child. A family may or may not live within the same household.
Financial resource item	The existence of funds and budgets to undertake activities. While this entity has no subtypes in the National Health Information Model, it is a major component of health and welfare systems, and one which can and should be separately modelled.
Functional wellbeing	The ability of a person to perform the usual tasks of daily living and to carry out social roles.
Funding agreement	An agreement between parties for the provision and use of funds for a purpose.
Goal/objective	A statement of what is to be achieved in a shorter time frame, as compared with a longer term VISION/MISSION.
Health and welfare policy/plan	A statement or document which may include a vision, goals, objectives, directions for development, priorities for action, actions to be taken, expected outcomes and performance indicators in relation to health and welfare programs for particular parties, particular locations and particular periods in time. Health and welfare policy/plan is an entity subtype which reflects instances of policies and plans which are made up of components (HEALTH AND WELFARE POLICY/PLAN ELEMENTS). Other BUSINESS STATEMENTS will exist which are not created for or by the health and welfare sectors but which still impact on a PARTY's STATE OF HEALTH AND WELLBEING.
Health and welfare policy/plan element	A component part of a HEALTH AND WELFARE POLICY/PLAN.
Health and welfare program	A business program specifically created for or by the health and welfare sectors. Health and welfare program is an entity subtype which reflects instances of programs which are made up of components (HEALTH AND WELFARE PROGRAM ELEMENTS). Other BUSINESS PROGRAMS will exist which are not created for or by the health and welfare sectors but which still impact on a PARTY's STATE OF HEALTH AND WELLBEING.
Health and welfare program element	A component part of a HEALTH AND WELFARE PROGRAM.

Entity name	Entity definition
Health and welfare service event	<p>An instance of an EVENT which is part of the delivery or receipt of health and welfare services or care.</p> <p>These EVENTS include delivery of community programs, consultations with service providers, diagnoses, treatment, operations, delivery of care and rehabilitation, delivery of palliative care, counselling services and voluntary care.</p>
Health status	An instance of the state of health of an individual, group or population measured against accepted standards.
Human resource item	<p>An instance of people with capacity, capability and availability as resources to provide health and welfare services.</p> <p>This entity will represent the instances of specialist service providers, nurses etc. but can also accommodate voluntary carers and the potential to provide services, i.e. a spouse who could care for a partner who became ill. The idea of skills and expertise is also included in this entity, providing a measure of both capacity and capability.</p> <p>Data elements within this entity reflect the view of the ORGANISATION or employer as compared with data elements within the PERSON ROLE entity which reflect the view of the PERSON in their role as a specialist service provider, nurse etc.</p>
Illness event	<p>An acute or chronic LIFE EVENT experienced by a PERSON but not involving a HEALTH AND WELFARE SERVICE EVENT.</p> <p>For example, the incidence or prevalence of disease.</p>
Information resource item	<p>An instance of information or knowledge which supports the health and welfare system.</p> <p>This broad concept includes what we know about the human body from a medical and scientific perspective, what we know about drugs and interventions, what we know about other factors affecting wellbeing etc. Research is a process which generates or refines instances of this entity.</p>
Injury event	An acute LIFE EVENT experienced by a PERSON involving the occurrence of an injury but not involving a HEALTH AND WELFARE SERVICE EVENT.
Insurance/benefit characteristic	A characteristic of a PERSON which relates to their health insurance or social security status.
Judicial system	Provision, availability and access to legal services within a community.
Knowledge factor	<p>An instance of a factor that influences, determines or affects a PARTY's state of knowledge or cognisance, particularly of elements of wellbeing, health and welfare, and their services.</p> <p>For example, factors that influence 'How much a person knows about the risks from smoking', 'How much a person knows about the availability of counselling services' and 'How much a service provider knows about the latest technique for treating a particular illness'.</p>
Labour characteristic	<p>A characteristic of a PERSON which relates to the nature of their employment and labour force status. It does not include information collected about a PERSON which relates to their role as a service provider such as usual number of hours worked in a week or hours of overtime.</p> <p>For example, their occupation, industry of employment.</p>
Legal characteristic	<p>A characteristic of a PERSON, which relates to their legal status.</p> <p>For example, ward of the State, held in custody.</p>
Legal status event	<p>An EVENT which changes a PARTY's legal status.</p> <p>For example, reaching 18 years of age, marriage or the decision by a Review Board or Tribunal to change an individual from an 'involuntary' to a 'voluntary' status under the Mental Health Act.</p>
Legally constituted organisation	<p>An ORGANISATION established under law.</p> <p>Legally constituted organisations may be ORGANISATIONS in a one-to-one relationship with a statute, (e.g. the Australian Institute of Health and Welfare and the Australian Institute of Health and Welfare Act) or ORGANISATIONS that are examples of a class of ORGANISATIONS established under and regulated by a statute (e.g. hospitals, incorporated bodies).</p>
Life event	<p>An instance of an EVENT which occurs to or with a PERSON during their life.</p> <p>The life event entity provides the means of identifying those things which happen during a person's life which affect their STATE OF HEALTH AND WELLBEING and occur between their BIRTH EVENT and their DEATH EVENT. This entity does not include events identified elsewhere, e.g. HEALTH AND WELFARE SERVICE EVENTS, COMMUNITY, ENVIRONMENTAL or RESEARCH EVENTS, but does include such things as puberty, the onset of disease and the loss of employment. While the actual date and time when some of these events occur may not need or be able to be known, this entity provides a means to consistently represent this information.</p>

Entity name	Entity definition
Lifestyle characteristic	A behavioural attribute, trait or feature of a PERSON that describes an aspect of their lifestyle. For example, cigarette smoking, participation in regular physical exercise, dietary habits, use of illicit drugs.
Location	A site or position where something happens, or where a person, group or organisation is located, may be contacted, conduct their business. For example, an address or geographical region.
Material resource item	An instance of a material resource. For example, drugs, buildings, plants, operating theatres, organs, blood products.
Mental wellbeing	The wellbeing of a PERSON, based on their mental state. For example, test results, symptoms, diagnoses and self-perceived health status specific to the mental state of a PERSON.
Natural environment	The natural environment in which a PERSON or community lives. For example, the air we breathe, the quality of water, noise pollution.
Need/issue	The need for, or reason why, a PARTY is seeking access to health and welfare services. For example, the need for emergency accommodation. In the National Health Information Model this entity is not intended to represent assessed need (ASSESSMENT EVENT) as determined by a SERVICE PROVIDER. Nor does it represent a STATE OF HEALTH AND WELLBEING of a PARTY once the assessment has been made.
Non-acute event	A non-acute LIFE EVENT experienced by a PERSON but not involving a HEALTH AND WELFARE SERVICE EVENT. For example, the prevalence of chronic disease such as diabetes or asthma.
Organisation	A business or administrative concern created for particular ends.
Organisation characteristic	A characteristic of an ORGANISATION (but unrelated to business factors). For example, the nature of the business or reason for trading. This entity has been included in Version 2.0 of the National Health Information Model as a reflection of the need for descriptive information about an ORGANISATION.
Organisation role	An instance of an ORGANISATION participating in a specific role in the health and welfare sector. For example, an ORGANISATION as a receiver of services or as a provider of services.
Organisation sub-unit	A constituent part of an ORGANISATION. Organisation sub-units are normally the smaller components of organisations such as departments, divisions, units and sections. Organisation sub-units may exist in a hierarchical structure.
Organisational setting	An instance where an EVENT occurs, described in terms of the ORGANISATION. For example, a hospital, a government department.
Other agreement	A BUSINESS AGREEMENT other than a FUNDING AGREEMENT or EMPLOYMENT AGREEMENT. For example, purchaser-provider agreements, service contracts.
Other crisis event	An acute LIFE EVENT experienced by a PERSON but not involving an illness or injury, or a HEALTH AND WELFARE SERVICE EVENT. For example, emergency accommodation needs, crisis counselling.
Other enabling factor	Resources are a major 'enabling' factor in health and welfare. However, there are other important enabling factors, e.g. access, knowledge and availability, which are recognised by this entity.
Other event	An EVENT which is not a PERSON EVENT, HEALTH AND WELFARE SERVICE EVENT, COMMUNITY EVENT, LEGAL STATUS EVENT, RESEARCH EVENT or ENVIRONMENTAL EVENT.
Other health and welfare service event	A HEALTH AND WELFARE SERVICE EVENT other than a 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, SERVICE SUPPORT EVENT or PAYMENT/CONTRIBUTION EVENT.

Entity name	Entity definition
Other life event	A LIFE EVENT that a PERSON experiences other than a SELF HELP EVENT or CRISIS EVENT (such as illness or injury). For example, events relating to starting employment, beginning school, pregnancy, menstruation, adoption.
Other organisation role	An instance of an ORGANISATION ROLE within the health and welfare sector which is not a service provider, a service funder or a service purchaser.
Other person characteristic	A characteristic of a PERSON other than a DEMOGRAPHIC CHARACTERISTIC, PHYSICAL CHARACTERISTIC, LABOUR CHARACTERISTIC, LIFESTYLE CHARACTERISTIC, EDUCATION CHARACTERISTIC, SOCIAL CHARACTERISTIC, CULTURAL CHARACTERISTIC, PARENTING CHARACTERISTIC, ACCOMMODATION/HOUSING CHARACTERISTIC, INSURANCE/BENEFIT CHARACTERISTIC or LEGAL CHARACTERISTIC.
Other person role	The role of a PERSON other than as a citizen, family member, carer, advocate, service provider or as a provider of resources.
Other policy/plan element	Policy and planning elements other than those identified by the HEALTH AND WELFARE POLICY/PLAN ELEMENT subtypes (VISION/MISSION, GOAL/OBJECTIVE, PRIORITY, and PERFORMANCE INDICATORS).
Other role	A role other than a PARTY RELATIONSHIP ROLE, PERSON ROLE, PARTY GROUP ROLE, ORGANISATION ROLE, RECIPIENT ROLE, SERVICE PROVIDER ROLE or RESEARCH ROLE. An expanded list of subtypes relating to PERSONS, PARTY GROUPS and ORGANISATIONS can be found within the entities PERSON ROLE and ORGANISATION ROLE.
Other setting	An instance where, in generic terms, something happens which is not an ORGANISATIONAL SETTING or a SERVICE DELIVERY SETTING. For example, 'at home', 'on a sports field', 'at work'.
Other social environment	The social environment in which a PERSON or community lives other than the JUDICIAL SYSTEM, the EDUCATIONAL SYSTEM or a COMMUNITY ORGANISATION. For example, the political, economic and cultural environments.
Outcome	A recorded change in the wellbeing of a PARTY which is expected or presumed to be, or to have been, caused by a HEALTH AND WELFARE SERVICE EVENT.
Parenting characteristic	A characteristic of a PERSON which relates to their role as parents. For example, breastfeeding a baby, number of children, use of child care facilities.
Party	Those PERSONS, groups or ORGANISATIONS who are part of the health and welfare systems, including those who are known to the system and those who are of interest to it. Essentially this includes all PERSONS in Australia. For example, a PARTY as a recipient of services, provider of services, purchaser of services, funder of services.
Party group	An instance of a number of parties, normally PERSONS, considered as a collective unit. For example, families, communities and tribes. The Australian population, or sub-populations within it, are represented in the model as a party group.
Party group characteristic	A characteristic of a PARTY GROUP (apart from those associated with an individual or those which are derived from aggregating PERSON data). For example, the main language spoken or religious affiliation of a community. This entity has been included in Version 2.0 of the National Health Information Model as a reflection of the possible need for descriptive information about a PARTY GROUP.
Party group role	An instance of a PARTY GROUP participating in a role within the health and welfare sectors.
Party role	An instance of a PARTY participating in a role in the health and welfare sectors. The concept of party role in the National Health Information Model provides for different PERSONS, groups and ORGANISATIONS to have different roles at different times. Some of these roles refer to service delivery, planning, resource allocation or agreements.
Party relationship role	An instance of a relationship between parties which is relevant to an EVENT. Many of these relationships have been expanded in Version 2.0 of the National Health Information Model and are now found within the expanded entities PARTY ROLE, PARTY GROUP ROLE and ORGANISATION ROLE.

Entity name	Entity definition
Payment/contribution event	The instance of a PARTY making a payment or contribution as part of their involvement in a HEALTH AND WELFARE SERVICE EVENT. For example, a Medicare payment or a private health fund payment.
Performance goal	A level of performance against which the performance of a PARTY ROLE will be judged.
Performance indicator	A measure of performance. A performance indicator is used to assess performance against goals and targets. Performance indicator includes the alternate term of key performance indicators or KPIs.
Person	An individual human being. A person is identified by the role they play. Refer subtypes within the entity PERSON ROLE. A person will possess a range of characteristics and views. Refer subtypes within the entity PERSON CHARACTERISTIC and PERSON VIEW, respectively.
Person characteristic	Features which characterise a PERSON. A person characteristic is either a DEMOGRAPHIC CHARACTERISTIC, PHYSICAL CHARACTERISTIC, LABOUR CHARACTERISTIC, LIFESTYLE CHARACTERISTIC, EDUCATION CHARACTERISTIC, SOCIAL CHARACTERISTIC, PARENTING CHARACTERISTIC, ACCOMMODATION/HOUSING CHARACTERISTIC, INSURANCE/BENEFIT CHARACTERISTIC or LEGAL CHARACTERISTIC. This entity reflects the emphasis in the National Health Information Model on the PERSON.
Person event	An EVENT which happens to a PERSON which affects their STATE OF HEALTH AND WELLBEING from the time of their birth until their death.
Person role	An individual in a role as distinct from a PARTY GROUP in a role or an ORGANISATION ROLE. For example, a PERSON in a role as a receiver of services, as a provider of services, as a resource worker within the health and welfare sector. The expansion of the PERSON ROLE entity replaces PERSON IDENTIFIER as a subtype of PERSON CHARACTERISTIC from Version 1.0 of the National Health Information Model.
Person view	The attitudes, beliefs, expectations and values of a PERSON in relation to health, health care, and the health and welfare systems.
Physical characteristic	A characteristic of a PERSON which relates to their physical, chemical and biological characteristics. For example, height, weight, allergies.
Physical environment	The physical environment in which a PERSON or community lives. For example, air and water quality, noise pollution, quality of housing, sanitation.
Physical wellbeing	The wellbeing of a person based on their physical, chemical and biological state.
Planning event	The instance of a PARTY planning an EVENT.
Priority	Something given special attention, normally involving special precedence over others.
Program activity	An identified action to be taken as part of a program or plan. This is distinct from the National Health Information Model entity of EVENT, which is the actual instance or occurrence of these activities.
Program evaluation	A process to be conducted as part of a program or plan to determine the extent to which the program or plan achieved its GOAL/OBJECTIVE.
Program strategy	An intended course of action to be conducted as part of a program or plan.
Recipient role	An instance of a role, a PARTY (usually a PERSON) as a recipient of services or care, plays in EVENTS. For example, a patient, client, consumer, customer.
Recurrent expenditure	Expenditure incurred by a PARTY on a recurring basis for the provision of services, excluding CAPITAL EXPENDITURE, but including indirect expenditure.
Request for/entry into service event	An instance of a request for services or an entry into a SERVICE DELIVERY SETTING from one service provider to another.
Research event	An instance of a PARTY undertaking research of interest to the health and welfare sector.
Research role	An instance of a role a PARTY plays in research activities.

Entity name	Entity definition
Resource	The material necessary for an activity. For example, buildings, reusable and consumable items, financial resources and people, and the information or knowledge required.
Resource role	An instance of a role a PERSON plays in the management, allocation and use of RESOURCES. For example, a manager, a cleaner, a computer programmer. A PERSON in a resource role excludes individuals providing health and welfare services.
Screening event	An instance of a PARTY's involvement in a screening event. For example, mammographic screening, a pap smear.
Self help event	A PERSON actively seeking help, education or assistance, or participating in activities of interest to the health and welfare sector. For example, attending a quit smoking course, modification of one's diet.
Service delivery setting	A description of a setting where health and welfare services are delivered. For example, a birthing centre, child care centre or hospital Emergency Department.
Service funder role	An instance of a role, an ORGANISATION, as a health and welfare service funder, plays in EVENTS.
Service provider role	The instance of a role a PERSON, PARTY GROUP or ORGANISATION plays in the provision of health and welfare services, or the health and welfare services that a PERSON, PARTY GROUP or ORGANISATION provides. This includes PERSONS, PARTY GROUPS and ORGANISATIONS who are formally nominated as service providers (e.g. nurses and general practitioners), and PERSONS, PARTY GROUPS and ORGANISATIONS who provide voluntary or informal care.
Service provision event	An instance of the provision of a HEALTH AND WELFARE SERVICE EVENT by a service provider to a PERSON or PARTY GROUP. For example, treatment, conduct of tests, counselling.
Service purchaser role	An instance of a role an ORGANISATION, as a health and welfare service purchaser, plays in EVENTS.
Service support event	A planned or actual event which occurs within the domain of a service provider but which is not directly related to the care of PERSONS. For example, recruitment, building material acquisition, building maintenance.
Setting	A description of where something happens. Setting differs from LOCATION in the National Health Information Model, as an EVENT may occur at the LOCATION of 'Corner of Jones and Smith Streets, SomeCity, WA' (the LOCATION), but it may be better known and more relevant as 'a hospital' (the setting).
Social characteristic	A specific social characteristic of a PERSON. For example, marital status, language spoken in the home, next of kin.
Social environment	The social environment in which a PERSON or community lives including the JUDICIAL SYSTEM, the EDUCATIONAL SYSTEM or a COMMUNITY ORGANISATION.
Social wellbeing	The wellbeing of a PERSON, based on their interaction with other people. For example, a PERSON's experience with discrimination, racism, violence, family-related matters, gambling or drinking problems.
Specific resource item	The resources used in the production and delivery of health and welfare services, be they material, financial, human or information. The specific resource item entity provides for the actual instances of these resources.
Spiritual wellbeing	The wellbeing of a PERSON, based on their perception of or relationship to sacred or religious theory.
Standard	An accepted or approved example of something against which others are judged or measured. Compare with BENCHMARK.

Entity name	Entity definition
State of health and wellbeing	<p>The measured, assessed or perceived health and wellbeing of a PARTY (usually a PERSON) recorded in aggregate (e.g. the total wellbeing of a PARTY) or component terms (e.g. a diagnosed illness).</p> <p>For example, SF-36 instrument of health status measurement, an illness diagnosis, an injury, enough money to buy food, ability to look after oneself.</p> <p>The state of health and wellbeing entity replaces the STATE OF WELLBEING entity in Version 1.0 of the National Health Information Model.</p>
Stated outcome	<p>The information recorded by a PARTY in a role about an OUTCOME which has occurred, as distinct from an OUTCOME which was planned or expected. The stated outcome is distinguished as an entity from the EXPECTED OUTCOME.</p>
Surveillance/monitoring event	<p>The instance of a surveillance or monitoring EVENT within the health and welfare sectors.</p> <p>For example, the conduct of a national/State survey, the establishment of a cancer registry.</p>
Value	<p>The values of a PERSON about health, health care, and the health and welfare sectors.</p>
Vision/mission	<p>The highest level statement of why something is to happen or where a situation or ORGANISATION should be in a set period of time. Vision or mission statements normally contain the aspirations of those stating them.</p>

Appendix D: Cross-classificatory variables— staffing category

The following definitions of staffing categories used in the data elements 'Full-time equivalent staff' and 'Salaries and wages' are presented in an abbreviated form in Version 8.0 of the Dictionary. A more detailed list is provided in Version 6 of the *National Health Data Dictionary*.

C1: Staffing category	Definition
C1.1: Salaried medical officers	Medical officers employed by the hospital on a full-time or part-time salaried basis. This excludes visiting medical offices engaged on an honorary, sessional or fee-for-service basis. This category includes salaried medical officers who are engaged in administrative duties, regardless of the extent of that engagement (e.g. clinical superintendent and medical superintendent).
C1.2: Registered nurses	Registered nurses include persons with at least a three-year training certificate and nurses holding postgraduate qualifications. Registered nurses must be registered with the State/Territory registration board. This is a comprehensive category and includes community mental health, general nurse, intellectual disability nurse, midwife (including pupil midwife), psychiatric nurse, senior nurse, charge nurse (now unit manager), supervisory nurse and nurse educator. This category also includes nurses engaged in administrative duties no matter what the extent of their engagement, for example, directors of nursing and assistant directors of nursing.
C1.3: Enrolled nurse	Enrolled nurses are second-level nurses who are enrolled in all States except Victoria where they are registered by the State registration board to practise in this capacity. Includes general enrolled nurse and specialist enrolled nurse (e.g. mothercraft nurses in some States).
C1.4: Establishment-based student nurses	Student nurses are persons employed by the establishment currently studying in years one to three of a three-year certificate course. This includes any person commencing or undertaking a three-year course of training leading to registration as a nurse by the State or Territory registration board. This includes full-time general student nurse and specialist student nurse, such as mental deficiency nurse, but excludes practising nurses enrolled in post-basic training courses.
C1.5: Trainee/pupil nurse	Trainee/pupil nurse includes any person commencing or undertaking a one-year course of training leading to registration as an enrolled nurse on the State/Territory registration board (includes all trainee nurses).
C1.6: Other personal care staff	This category includes attendants, assistants or home assistance, home companions, family aides, ward helpers, warders, orderlies, ward assistants and nursing assistants engaged primarily in the provision of personal care to patients or residents, who are not formally qualified or undergoing training in nursing or allied health professions.
C1.7: Diagnostic and health professionals	Qualified staff (other than qualified medical and nursing staff) engaged in duties of a diagnostic, professional or technical nature (but also including diagnostic and health professionals whose duties are primarily or partly of an administrative nature). This category includes all allied health professionals and laboratory technicians (but excludes civil engineers and computing staff).
C1.8: Administrative and clerical staff	Staff engaged in administrative and clerical duties. Medical staff and nursing staff, diagnostic and health professionals and any domestic staff primarily or partly engaged in administrative and clerical duties are excluded. Civil engineers and computing staff are included in this category.
C1.9: Domestic and other staff	Domestic staff are staff engaged in the provision of food and cleaning services including domestic staff primarily engaged in administrative duties such as food services manager. Dieticians are excluded. This category also includes all staff not elsewhere included (primarily maintenance staff, tradespeople and gardening staff).

Appendix E: Establishment—activity definitions

The objective of data definitions related to the activities of health care establishments is to enable a description of health service systems, including the type of care delivered by the establishment. The unit of enumeration is a separately administered establishment. The term establishment is used in a very broad sense to mean organisational units, whether institutions, organisations or community-based services, which provide health services. Establishments are considered to be separately administered if the finances, budget and activities are managed as an independent unit. The term establishment thus covers conventional establishments such as hospitals, residential aged care facilities and community health centres, but is also used to cover organisations providing services in the community (e.g. domiciliary nursing services) or support services to other establishments (e.g. a centralised pathology laboratory service). The situation where establishment-level data for components of an area health service are not available separately at a central authority is not grounds for treating such a group of establishments as a single establishment unless such data are not available at any level in the health care system.

Two major measures of service provision are defined for each establishment. They are the recording of services by type of episode (admitted patients) and by service type (non-admitted patients). As there are no nationally agreed data definitions at the person-level for non-admitted patients or for outreach/community clients, definitions for non-admitted patient activity are based on a cost centre or functional unit approach; that is, where the service was performed rather than the procedure or the diagnosis of the patient.

The activity for acute care hospitals is represented as a count of separations and patient-days for admitted patients according to the treatment mode categories same-day and overnight-stay.

The number of separations for renal dialysis and endoscopy and related procedures are identified separately for admitted and non-admitted patients. This enables comparison of the provision of these services across institutional settings, whether these patients are admitted or treated as non-admitted patients.

Separations and patient-days for admitted patients are contrasted with an occasion of service or group session as a measure of non-admitted patient activity. It is recognised that the comparison of these as a measure of activity is not ideal but it will be used until a more comprehensive set of definitions is developed to describe patients treated and non-admitted patient activity.

The number of separations, patient days and occasions of service is the measure of activity for same-day establishments and for acute hospitals.

The definition and counting of separations and patient-days for public psychiatric and alcohol and drug treatment centres are the same as for the acute care hospitals, except that the treatment mode category is expanded to distinguish between short-stay and long-stay patients. This is to reflect the greater percentage of patients with extended lengths of stay in these institutions.

Appendix F: Establishment—resource use definitions

The use of resources (facilities, financial and human) in health services is a major focus of interest to all users of information published using the definitions contained in the *National Health Data Dictionary*. To enable a comprehensive picture of resource use to be obtained requires uniform data definitions on health care institutions of the States, Territories, the Commonwealth and the private sector. The main categories of resource data that are defined at the establishment level are:

- establishment characteristics (type and location);
- staffing data (full-time equivalent staff);
- recurrent expenditure (salary and non-salary); and
- revenue.

Significant measures of resources not included above are capital expenditure, physical details and monetary values of major buildings, facilities, equipment, plant and so on. Capital expenditure is included in the *National Health Data Dictionary* at the system level (see Appendix G), but the formation of detailed uniform data definitions to describe items relating to facilities and equipment is yet to be agreed on and implemented. The classification of the type of establishment is currently under review by a working group (Organisational Units Working Group), which is expected to report to the National Health Data Committee in 1999.

Financial aspects

The establishment of the National Minimum Data Sets was not seen as an appropriate vehicle for undertaking a review of national accounting practice. During the formation of the definitions it was inevitable that some aspects of accounting practice were discussed (e.g. offsetting practices). The *National Health Data Dictionary* makes reference to established accounting standards with Accounting Standard 17 in relation to financial and operating leases and Accounting Standard 4 in relation to the depreciation of non-current assets. The absence of completely uniform accounting standards and practices for health institutions between States and Territories, and within States and Territories, limits the comparability of financial data. The Directors of Finance of the State and Territory government health authorities are developing national expenditure reporting standards, particularly with regard to hospitals.

Standard national health expenditure definitions

The development of agreed definitions on the major areas of health expenditure is being undertaken under the National Health Information Work Program. A set of definitions has been adopted by the Australian Bureau of Statistics for use in public finance statistics and is being discussed and refined in consultation with key stakeholders, including State and Territory Government Directors of Finance.

Boundaries between capital and recurrent expenditure

Some differences exist in the practice of differentiating between capital and recurrent expenditure in the States and Territories. The definition of capital expenditure is included in the Dictionary and recurrent expenditure is implicitly defined as that part of total expenditure which is not capital expenditure. The major difference with regard to capital expenditure between the States and Territories is in regard to the level of capitalisation. The Dictionary states that 'the minimum level for capitalisation is no higher than \$5,000', and some States use \$5,000 but others use \$1,000 or even lower in some cases.

Offsetting practices

As a general rule, offsetting revenue against related expenditure is not good accounting practice and both gross revenue and gross expenditure should be reported. However, it is recognised that there are circumstances (such as hospital to hospital transfers/services) where offsetting is done to avoid the duplication of costs. Where it is difficult to identify specific costs in relation to inter-hospital transfers, the practice of bringing in revenue to inter-hospital services through recoveries is considered acceptable.

Appendix G: System-level resource definitions

System-level definitions relate to all of a particular type of establishment, such as public hospitals, or community health centres, at the State, Territory or Commonwealth level (whichever is the highest level of overall administration of the system). The data definitions in the *National Health Data Dictionary* at the system or State health authority level are related to capital expenditure and indirect health care expenditure.

Capital expenditure

A working party of the National Health Data Committee developed a new definition of capital expenditure during 1994. The National Health Information Management Group agreed that both the new definition (previously known as item S1b) and the former definition (previously known as item S1a) will be current in the Dictionary until all relevant jurisdictions have implemented accrual accounting procedures.

Indirect health care expenditure

The system-level definitions represent expenditure on health care that cannot be directly related to programs operated by a particular establishment, but can be indirectly related to the admitted patients, residents, non-admitted patients, non-residents and community/outreach patients served by that establishment. These definitions are designed to improve the overall picture of health expenditure and to assist in understanding differences in costs for similar establishments in different States and regions. They are also designed to detect differences in the extent to which support services and other services to resident/admitted patients and non-admitted patients of an establishment may be provided by the establishment itself, at a State level or by other organisations.

Glossary of terms

The following glossary of terms supports the definitions of capital expenditure:

Asset

An asset is the service potential and/or future economic benefits controlled by the reporting entity as a result of past transactions or other past events including:

Physical assets

- current physical assets
- non-current physical assets
- intangible assets.

The 'service potential' of an asset is its economic utility to the entity, based on the total benefit expected to be derived by the entity from the use and/or through subsequent disposal of the asset.

Financial asset

A financial asset is an asset that has a counterpart liability in the books of another accounting entity. For the purpose of the *National Health Data Dictionary*, financial assets are excluded.

Control

The recognition of an asset is based on the test of control rather than ownership. This may result in assets being recognised by a reporting agency that is not the registered owner (e.g. denominational/third schedule/non-profit hospitals). Control is the capacity of the entity to benefit from the asset in pursuit of the entity objectives and to deny or regulate the access of others to that benefit. Ownership of an asset occurs when the asset is purchased by or donated to an accounting entity. Acquisition means undertaking the risks and receiving the rights to future benefits, as would be conferred with ownership, in exchange for a cost of acquisition.

Note: In cases where there is a building providing public health services under government control situated on land owned by a non-profit organisation, the value of the building should be included as a public asset, but not that of the land.

Asset capitalisation

Asset capitalisation occurs when an item of expenditure meets the criteria of an asset and is:

- recorded in the books of an accounting entity;
- recorded in an asset management system and depreciated; and
- the minimum level for capitalisation is no higher than \$5,000.

Asset disposal

When an asset is considered unserviceable, obsolete or in excess of probable requirements it is disposed of using designated procedures. The asset is removed from both the accounting entity's asset management system and the book of accounts.

Asset enhancement

Expenditure on an existing asset is to be treated as an enhancement where there has been an affective and significant increase in the present or planned service potential of the asset. If the increase in service potential is incidental to some necessary maintenance and the incremental level will not be used in the foreseeable future, the expenditure would be more appropriately classified as maintenance.

Service potential has three components:

- *Service capacity*: the expenditure increases the capacity to provide services and meet increases in demand for the asset's services.
- *Service quality*: improvement in the standard of the service provided, including efficiency improvements such as cost reductions, can represent an enhancement to an existing asset.
- *Useful life*: the initial assessment of an asset's useful life will have assumed that certain maintenance expenditure (both routine and major periodic) would be necessary for the asset to achieve its anticipated useful life. An expenditure can only be accounted for as an enhancement if it increases (rather than assumes the achievement of) the asset's pre-determined useful life. This would include major work undertaken to extend the service potential of an asset, recognising that its function may change (e.g. refurbishment). It may result in a need to re-assess the life span of the asset.

Grouped assets

Most assets, particularly system assets, consist of a number of components. In principle, each component can provide service potential or future economic benefit and can therefore be classified as an asset. In practice, however, the key criterion for a separate asset is an independent operating unit whose components function as a cohesive whole to provide a common service. Such a unit is referred to as a 'grouped asset'.

For example, a computer network operates as a cohesive whole, yet it may contain individual personal computers that can also operate independently. A network of roads, a water sewerage system, an electricity distribution system and a communications network are examples of extensive and integrated components operating as part of a total asset system. Another example of a group of assets used together to provide a common service is office furniture and equipment.

Grouped assets (including network assets) should be primary units for accounting recognition because their components function as a cohesive whole to provide a common service. This is subject to the capitalisation threshold.

The threshold tests should be applied to individual assets as well as grouped assets. The cost of each item making up a set of office furniture or of each computer in a computer network may be less than the capitalisation threshold, but if the total cost of the network or grouped asset exceeds the threshold, each item should be capitalised.

Cost of acquisition

The purchase consideration (price) paid for an asset plus any costs incidental to the acquisition. The cost of an asset must include (where appropriate):

- installation
- commissioning
- transport
- customs duty
- any other incidental costs.

Interest and other finance costs incurred in acquiring the service potential embodied in an asset (e.g. exchange fluctuations on loans) should not be included in the acquisition cost of that asset.

Asset construction

The following costs should be included in relation to construction of an asset:

- costs that relate directly to the construction of an asset, including:
 - direct labour and material costs;
 - depreciation of physical non-current assets used on construction of the asset; and
 - set up costs directly related to the construction of an asset.
- costs that are reliably attributable to the construction activity and are capable of being allocated on a reasonable basis to specific assets, including:
 - purchasing administration costs;
 - insurance;
 - costs of design and technical activities; and
 - project overheads (such as direct administration and holding costs of the project).

The following costs, which are related to activities of the agency or asset construction generally, but not specific to the asset being constructed, should be excluded as they cannot be reliably attributed to the asset:

- general administration costs; and
- depreciation of plant and equipment not related to construction activities (including idle plant and equipment).

Lease

A grant or possession of an asset for a stated period of time at specified rentals and subject to various conditions. The register proprietor has certain re-entry rights if the lessee defaults by not observing the conditions of the lease or by not paying the specified rentals.

Appendix H: Data elements listed by previous ‘P’, ‘A’, ‘E’ and ‘S’ numbers

This section contains data elements from Version 6 that are included in Version 9, listed by the old ‘P’, ‘A’, ‘E’ and ‘S’ numbering system. This list does not include data element concepts, and new elements introduced since Version 7.0, as these do not have P, A, E or S numbers allocated to them.

DE #	DATA ELEMENT NAME
‘A’ Items	
A1	Separations, version 2
A4	Occasions of service, version 1
A5	Group sessions, version 1
A6	Day program attendances, version 1
A9	Type of non-admitted patient care, version 1
A10	Type of non-admitted patient care (public psychiatric, alcohol and drug), version 1
A11	Type of non-admitted patient care (residential aged care), version 1
A12	Individual/group session, version 1
‘E’ Items	
E1	Establishment type, version 1
E2	Geographic location of establishment, version 2
E3	Number of available beds for admitted patients, version 2
E4	Specialised service indicators, version 1
E5	Teaching status, version 1
E7	Full-time equivalent staff, version 2
E8	Salaries and wages, version 1
E9	Payments to visiting medical officers, version 1
E10	Superannuation employer contributions (including funding basis), version 1
E11	Drug supplies, version 1
E12	Medical and surgical supplies, version 1
E13	Food supplies, version 1
E14	Domestic services, version 1
E15	Repairs and maintenance, version 1
E16	Patient transport, version 1
E17	Administrative expenses, version 1
E18	Interest payments, version 1
E19	Depreciation, version 1
E20	Other recurrent expenditure, version 1
E21	Patient revenue, version 1
E22	Recoveries, version 1
E23	Other revenues, version 1
‘P’ Items	
P1	Establishment identifier, version 2
P1	Establishment number, version 2
P1	Establishment sector, version 2
P1	Region code, version 2

DE #	DATA ELEMENT NAME
P1	State identifier, version 2
P2	Person identifier, version 1
P3	Medicare number, version 1
P4	Sex, version 2
P5	Date of birth, version 2
P6	Country of birth, version 2
P71	Indigenous status, version 2
P81	Marital status, version 3
P9	Area of usual residence, version 3
P10	Type of usual accommodation, version 1
P12	Period of residence in Australia, version 1
P13	Need for interpreter service, version 1
P14	Employment status – public psychiatric hospital admissions, version 2
P14	Employment status – acute hospital and private psychiatric hospital admissions, version 1
P17	Aged care assessment status
P18	Compensable status, version 2
P19	Hospital insurance status, version 3
P20	Pension status – residential aged care residents, version 2
P20	Pension status – psychiatric patients, version 2
P21	Care type, version 4
P22	Level of care
P24	Admission date, version 3
P25	Number of contacts (psychiatric outpatient clinic/day program), version 1
P27a	Total leave days, version 3
P27b	Number of leave periods, version 3
P28	Type of residential aged care admission, version 1
P29	Source of referral to public psychiatric hospital, version 3
P30	Location immediately prior to admission to residential aged care, version 1
P31	Mode of separation, version 2
P32	Referral to further care (psychiatric patients), version 1
P35	Principal diagnosis, version 3
P36	Additional diagnosis, version 4
P39	External cause – admitted patient, version 4
P39	External cause – non-admitted patient, version 4
P39	External cause – human intent, version 4
P40	Place of occurrence of external cause of injury – admitted patient, version 4
P40	Place of occurrence of external cause of injury – non-admitted patient, version 3
P41	Diagnosis related group, version 1
P42	Minutes of operating theatre time, version 1
P43	Behaviour-related nursing requirements – at residential aged care admission
P44	Behaviour-related nursing requirements – at residential aged care, current status
P45	Functional profile of residential aged care resident – at admission
P46	Functional profile of residential aged care resident – current status

DE #	DATA ELEMENT NAME
P47	Continence status (faeces) of residential aged care resident – at admission
P47	Continence status (urine) of residential aged care resident – at admission
P48	Continence status (faeces) of residential aged care resident – current status
P48	Continence status (urine) of residential aged care resident – current status
P49	Specialised nursing requirements – at residential aged care admission
P50	Specialised nursing requirements – current status
P51	Infant weight, neonate, stillborn, version 3
P52	Major diagnostic category, version 1
P53	Intended length of hospital stay, version 1
P54	Inter-hospital same-day contracted patient, version 1
P55	Waiting list category, version 3
P56	Listing date, version 2
P57	Census date, version 2
P58	Patient listing status, version 3
P60	Clinical urgency, version 2
P61	Category reassignment date, version 2
P62	Overdue patient, version 3
P63	Surgical specialty, version 1
P64	Indicator procedure, version 3
P65	Scheduled admission date, version 2
P66	Reason for removal, version 2
P67	Profession labour force status of health professional, version 1
P68	Principal role of health professional, version 1
P69	Classification of health labour force job, version 1
P70	Principal area of clinical practice, version 1
P71	Type and sector of employment establishment, version 1
P72	Hours on-call (not worked) by medical practitioner, version 2
P72	Hours worked by health professional, version 2
P72	Hours worked by medical practitioner in direct patient care, version 2
P72	Total hours worked by a medical practitioner, version 2
P73	Narrative description of injury event, version 1
P74	Nature of main injury – non-admitted patient, version 1
P75	Bodily location of main injury, version 1
P76	Activity when injured, version 1
P77	State/Territory of birth, version 1
P78	Intended place of birth, version 1
P79	Actual place of birth, version 1
P80	Previous pregnancies, version 1
P81	Date of completion of last previous pregnancy, version 1
P82	Outcome of last previous pregnancy, version 1
P83	First day of the last menstrual period, version 1
P84	Gestational age, version 1
P85	Maternal medical conditions, version 2
P86	Complications of pregnancy, version 2

DE #	DATA ELEMENT NAME
P87	Onset of labour, version 1
P88	Type of labour induction, version 1
P89	Type of augmentation of labour, version 1
P90	Analgesia administered during labour, version 1
P91	Anaesthesia administered during labour, version 1
P92	Presentation at birth, version 1
P93	Method of birth, version 1
P94	Perineal status, version 1
P95	Complication of labour and delivery, version 2
P96	Postpartum complication, version 2
P97	Birth plurality, version 1
P98	Birth order, version 1
P99	Status of the baby, version 1
P100	Apgar score at 1 minute, version 1
P100	Apgar score at 5 minutes, version 1
P101	Resuscitation of baby, version 2
P102	Number of days in special/neonatal intensive care, version 2
P103	Neonatal morbidity, version 2
P104	Congenital malformations – BPA code, version 1
P105	Date of first contact, version 2 <i>(formerly Date of first contact with community nursing service)</i>
P107	Date of first delivery of service, version 2 <i>(formerly Date of first community nursing visit)</i>
P108	Date of last contact, version 2 <i>(formerly Date of last community service contact with client/family)</i>
P109	Carer availability, version 2
P110	Nursing diagnosis, version 2
P111	Goal of care, version 2
P112	Nursing Interventions, version 2
P113	Dependency in activities of daily living, version 2 <i>(formerly Client dependency)</i>
P114	Total psychiatric care days, version 2
P115	Mental health legal status, version 3
P116	Department of Veterans' Affairs file number, version 1
P119	Length of stay, version 1
'S' Items	
S1a	Capital expenditure, version 1
S1b	Capital expenditure – gross (accrual accounting), version 2
S1b	Capital expenditure – net (accrual accounting), version 2
S2	Indirect health care expenditure, version 1

Appendix I: Data elements—by Knowledgebase number

Knowledgebase ID no.	Data element name
000001	Indigenous status, version 3
000002	Activity when injured, version 2
000003	Actual place of birth, version 1
000004	Acute care episode for admitted patients, version 1 (<i>concept</i>)
000005	Additional diagnosis, version 4
000007	Admission, version 3 (<i>concept</i>)
000008	Admission date, version 4
000009	Number of days in special/neonatal intensive care, version 2
000010	Infant weight, neonate, stillborn, version 3
000011	Admitted patient, version 3 (<i>concept</i>)
000013	Anaesthesia administered during labour, version 1
000014	Analgesia administered during labour, version 1
000016	Area of usual residence, version 3
000017	Aged care assessment status, version 1
000018	Behaviour-related nursing requirements—at residential aged care admission, version 1
000019	Birth order, version 1
000020	Birth plurality, version 1
000021	Birthweight, version 1 (<i>concept</i>)
000022	Carer availability, version 2
000023	Classification of health labour force job, version 1
000024	Clinical review, version 1 (<i>concept</i>)
000025	Clinical urgency, version 2
000026	Compensable status, version 3
000027	Complication of labour and delivery, version 2
000028	Complications of pregnancy, version 2
000029	Congenital malformations—BPA code, version 1
000030	Congenital malformations, version 2
000033	Continence status (faeces) of residential aged care resident—at admission, version 2
000034	Continence status (faeces) of residential aged care resident—current status, version 2
000035	Country of birth, version 3
000036	Date of birth, version 3
000037	Date of completion of last previous pregnancy, version 1
000038	Date of first delivery of service, version 2
000039	Date of first contact, version 2
000040	Date of last contact, version 2
000042	Diagnosis related group, version 1
000043	Separation date, version 5
000046	Elective surgery, version 1 (<i>concept</i>)

Knowledgebase ID no.	Data element name
000050	Establishment identifier, version 3
000053	External cause—admitted patient, version 4
000056	First day of the last menstrual period, version 1
000057	Functional profile of residential aged care resident—at admission, version 1
000058	Functional profile of residential aged care resident—current status, version 1
000059	Gestational age, version 1 (<i>concept</i>)
000060	Gestational age, version 1
000061	Health labour force, version 1 (<i>concept</i>)
000062	Health outcome, version 1 (<i>concept</i>)
000063	Health outcome indicator, version 1 (<i>concept</i>)
000064	Hospital, version 1 (<i>concept</i>)
000065	Hospital boarder, version 1 (<i>concept</i>)
000066	Hospital census, version 1 (<i>concept</i>)
000067	Hospital waiting list, version 1 (<i>concept</i>)
000073	Indicator procedure, version 3
000075	Hospital insurance status, version 3
000076	Intended length of hospital stay, version 2
000077	Intended place of birth, version 1
000078	Intensive care unit, version 1 (<i>concept</i>)
000079	Inter-hospital contracted patient, version 2
000082	Listing date for care, version 3
000083	Live birth, version 1 (<i>concept</i>)
000084	Location immediately prior to admission to residential aged care, version 1
000085	Overdue patient, version 3
000086	Bodily location of main injury, version 1
000087	Nature of main injury—non-admitted patient, version 1
000088	Major diagnostic category, version 1
000089	Marital status, version 3
000090	Maternal medical conditions, version 2
000091	Medicare number, version 1
000092	Mental health legal status, version 5
000093	Method of birth, version 1
000094	Minutes of operating theatre time, version 1
000096	Mode of separation, version 3
000099	Narrative description of injury event, version 1
000100	Need for interpreter service, version 1
000101	Neonatal death, version 1 (<i>concept</i>)
000102	Neonatal morbidity, version 2
000103	Neonate, version 1 (<i>concept</i>)
000104	Non-admitted patient, version 1 (<i>concept</i>)
000105	Non-elective care, version 1 (<i>concept</i>)

Knowledgebase ID no.	Data element name
000107	Number of leave periods, version 3
000110	Nursing diagnosis, version 2
000111	Goal of care, version 2
000112	Nursing interventions, version 2
000113	Onset of labour, version 2
000114	Outcome of last previous pregnancy, version 1
000116	Overnight-stay patient, version 2 (<i>concept</i>)
000117	Patient, version 1 (<i>concept</i>)
000119	Length of stay, version 3
000120	Patient listing status, version 3
000124	Perinatal period, version 1 (<i>concept</i>)
000125	Perineal status, version 1
000126	Period of residence in Australia, version 1
000127	Person identifier, version 1
000131	Postpartum complication, version 2
000132	Preferred language, version 2
000133	Presentation at birth, version 1
000134	Previous pregnancies, version 1
000135	Principal area of clinical practice, version 1
000136	Principal diagnosis, version 3
000137	Procedure, version 5
000138	Principal role of health professional, version 1
000139	Previous specialised treatment, version 3
000140	Profession labour force status of health professional, version 1
000141	Number of contacts (psychiatric outpatient clinic/day program), version 1
000141	Number of service contact dates, version 2
000142	Reason for removal from elective surgery waiting list, version 3
000143	Referral to further care (psychiatric patients), version 1
000145	Resuscitation of baby, version 2
000146	Same-day patient, version 1 (<i>concept</i>)
000147	Scheduled admission date, version 2
000148	Separation, version 3 (<i>concept</i>)
000149	Sex, version 2
000150	Source of referral to public psychiatric hospital, version 3
000153	Specialised nursing requirements—at residential aged care admission, version 1
000154	Specialised nursing requirements—current status, version 1
000155	State/Territory of birth, version 1
000159	Status of the baby, version 1
000160	Stillbirth (foetal death), version 1 (<i>concept</i>)
000161	Surgical specialty, version 1
000163	Total leave days, version 3

Knowledgebase ID no.	Data element name
000164	Total psychiatric care days, version 2
000166	Type and sector of employment establishment, version 1
000167	Type of augmentation of labour, version 2
000168	Care type, version 4
000171	Type of labour induction, version 1
000172	Type of residential aged care admission, version 1
000173	Type of usual accommodation, version 1
000173	Type of accommodation, version 2
000174	Census date, version 2
000176	Waiting list category, version 3
000204	Department of Veterans' Affairs file number, version 1
000205	Separations, version 2
000206	Patient days, version 3
000208	Patients in residence at year end, version 1
000209	Occasions of service, version 1
000210	Group sessions, version 1
000211	Day program attendances, version 1
000230	Occupation of person, version 2
000231	Type of non-admitted patient care, version 1
000233	Type of non-admitted patient care (public psychiatric, alcohol and drug), version 1
000234	Type of non-admitted patient care (residential aged cares and hostels), version 1
000235	Individual/group session, version 1
000236	Payments to visiting medical officers, version 1
000237	Superannuation employer contributions (including funding basis), version 1
000238	Drug supplies, version 1
000239	Medical and surgical supplies, version 1
000240	Food supplies, version 1
000241	Domestic services, version 1
000242	Repairs and maintenance, version 1
000243	Patient transport, version 1
000244	Administrative expenses, version 1
000245	Interest payments, version 1
000246	Depreciation, version 1
000247	Other recurrent expenditure, version 1
000248	Capital expenditure, version 1
000252	Full-time equivalent staff, version 2
000254	Salaries and wages, version 1
000255	Number of available beds for admitted patients, version 2
000260	Geographical location of establishment, version 2
000294	Level of care, version 1
000295	Recoveries, version 1

Knowledgebase ID no.	Data element name
000296	Patient revenue, version 1
000309	Dependency in activities of daily living, version 2
000313	Hours worked by health professional, version 2
000317	Employment status—public psychiatric hospital admissions, version 2
000321	Specialised service indicators, version 1
000322	Teaching status, version 1
000323	Other revenues, version 1
000325	Capital expenditure—gross (accrual accounting), version 2
000326	Indirect health care expenditure, version 1
000327	Establishment type, version 1
000337	Contracted hospital care, version 1 (<i>concept</i>)
000342	Date of change to qualification status, version 1
000343	Newborn qualification status, version 2
000344	Apgar score at 1 minute, version 1
000345	Apgar score at 5 minutes, version 1
000346	Number of qualified days for newborns, version 2
000347	Emergency Department waiting time to service delivery, version 1
000348	Elective care, version 1 (<i>concept</i>)
000349	Patient presentation at Emergency Department, version 1 (<i>concept</i>)
000350	Date patient presents, version 2
000351	Time patient presents, version 1
000352	Type of visit to Emergency Department, version 2
000353	Date of triage, version 1
000354	Time of triage, version 1
000355	Triage category, version 1
000356	Date of commencement of service event, version 2
000357	Time of commencement of service event, version 2
000358	Admission time, version 2
000359	Departure status, version 1
000360	Non-salary operating costs, version 1
000361	Adult height, version 1 (<i>concept</i>)
000362	Adult height—measured, version 1
000363	Adult height—self-reported, version 1
000364	Adult weight, version 1 (<i>concept</i>)
000365	Adult weight—measured, version 1
000366	Adult weight—self-reported, version 1
000367	Adult body mass index, version 1
000368	Adult body mass index—classification, version 1
000369	Adult hip circumference, version 1 (<i>concept</i>)
000370	Adult hip circumference—measured, version 1
000371	Adult abdominal circumference, version 1 (<i>concept</i>)

Knowledgebase ID no.	Data element name
000372	Adult abdominal circumference—measured, version 1
000373	Adult abdomen to hip ratio, version 1
000374	Behaviour-related nursing requirements—at residential aged care, current status, version 1
000375	Continence status (urine) of residential aged care resident—at admission, version 2
000376	Continence status (urine) of residential aged care resident—current status, version 2
000377	Establishment number, version 3
000378	Region code, version 2
000379	Establishment sector, version 3
000380	State identifier, version 2
000381	External cause—non-admitted patient, version 4
000382	External cause—human intent, version 4
000383	Pension status—residential aged care residents, version 2
000384	Place of occurrence of external cause of injury, version 5
000385	Mode of admission, version 4
000391	Category reassignment date, version 2
000392	Hours worked by medical practitioner in direct patient care, version 2
000393	Hours on-call (not worked) by medical practitioner, version 2
000394	Total hours worked by a medical practitioner, version 2
000395	Employment status—acute hospital and private psychiatric hospital admissions, version 2
000396	Capital expenditure—net (accrual accounting), version 2
000397	Emergency Department waiting time to admission, version 1
000398	Diagnosis, version 1 (<i>concept</i>)
000399	Clinical intervention, version 1 (<i>concept</i>)
000400	Extended wait patient, version 1
000401	Service contact, version 1 (<i>concept</i>)
000402	Service contact date, version 1
000403	Tobacco smoking—consumption/quantity (cigarettes), version 1
000404	Tobacco smoking—duration (daily smoking), version 1
000405	Tobacco smoking—ever daily use, version 1
000406	Tobacco smoking—frequency, version 1
000407	Tobacco smoking—product, version 1
000408	Tobacco smoking—quit age (daily smoking), version 1
000409	Tobacco smoking—start age (daily smoking), version 1
000410	Tobacco smoking status, version 1
000411	Tobacco smoking—time since quitting (daily smoking), version 1
000412	Waiting time at a census date, version 1
000413	Waiting time at admission, version 1
000414	Medicare eligibility status, version 1
000415	Admitted patient election status, version 1
000416	Contract establishment identifier, version 1
000417	Contract procedure flag, version 1

Knowledgebase ID no.	Data element name
000418	Contract role, version 1
000419	Contract type, version 1
000420	Contracted care commencement date, version 1
000421	Department of Veterans' Affairs patient, version 1
000422	Cessation of treatment episode for alcohol and other drugs, version 2 (<i>concept</i>)
000423	Reason for cessation of treatment episode for alcohol and other drugs, version 2
000424	Date of cessation of treatment episode for alcohol and other drugs, version 2
000425	Urgency of admission, version 1
000426	Client type, version 1
000427	Commencement of treatment episode for alcohol and other drugs, version 2
000428	Contracted care completion date, version 1
000429	Total contract patient days, version 1
000430	Date of commencement of treatment episode for alcohol and other drugs, version 2
000431	Estimated date flag, version 1
000432	Injecting drug use, version 1
000433	Method of use for principal drug of concern, version 1
000434	Multi-disciplinary team status, version 1
000435	New/repeat status, version 1
000436	Non-admitted patient service event—patient present status, version 1
000437	Non-admitted patient service event count, version 1
000438	Non-admitted patient service event, version 1 (<i>concept</i>)
000439	Non-admitted patient service mode, version 1
000440	Non-admitted patient service type, version 1
000441	Organ procurement—posthumous, version 1 (<i>concept</i>)
000442	Other drugs of concern, version 1
000443	Principal drug of concern, version 1
000444	Source of referral to alcohol and other drug treatment service, version 1
000445	Episode of care, version 1 (<i>concept</i>)
000631	Anticipated patient election status, version 1
000632	Funding source for hospital patient, version 1
000633	Hospital in the home care, version 1 (<i>concept</i>)
000635	Length of stay (antenatal), version 1
000636	Length of stay (including leave days), version 1
000637	Length of stay (postnatal), version 1
000638	Main language other than English spoken at home, version 1
000639	Main treatment type for alcohol and other drugs, version 1
000640	Number of days of hospital in the home care, version 1
000641	Number of service contacts within a treatment episode for alcohol and other drug, version 1
000642	Other treatment type for alcohol and other drugs, version 1
000643	Proficiency in spoken English, version 1
000644	Separation time, version 1

Knowledgebase ID no.	Data element name
000646	Treatment delivery setting for alcohol and other drugs, version 1
000647	Treatment episode for alcohol and other drugs, version 1 (<i>concept</i>)

Appendix J: Data elements in common with other NMDSSs

Data element	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	Emergency Dept. waiting times	Health labour force	Injury surveillance	Perinatal	Public hospital establishments
Activity when injured, version 2	√									√		
Actual place of birth, version 1											√	
Additional diagnosis, version 4	√	√	√									
Administrative expenses, version 1												√
Admission date, version 4	√	√	√									
Admitted patient election status, version 1	√	√										
Area of usual residence, version 3	√	√	√		√							
Birth order, version 1											√	
Birth plurality, version 1											√	
Bodily location of main injury, version 1										√		
Capital expenditure, version 1												√
Capital expenditure—gross (accrual accounting), version 2												√
Capital expenditure—net (accrual accounting), version 2												√
Care type, version 4	√	√	√									
Category reassignment date, version 2												
Census date, version 2							√					
Classification of health labour force job, version 1							√		√			
Client type, version 1				√								
Clinical urgency, version 2							√					
Country of birth, version 3	√	√	√	√	√	√					√	

Data element	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	Emergency Dept. waiting times	Health labour force	Injury surveillance	Perinatal	Public hospital establishments
Date of birth, version 3	√	√	√	√	√				√		√	
Date of cessation of treatment episode for alcohol and other drugs, version 2				√								
Date of commencement of treatment episode for alcohol and other drugs, version 2				√								
Date of service event, version 1								√				
Date of triage, version 1								√				
Date patient presents, version 1								√				
Departure status, version 1								√				
Depreciation, version 1												√
Diagnosis related group, version 1	√	√										
Domestic services, version 1												√
Drug supplies, version 1												√
Emergency Department waiting time to service delivery, version 1								√				
Employment status—acute hospital and private psychiatric hospital admissions, version 2		√										
Employment status—public psychiatric hospital admissions, version 2		√										
Establishment identifier, version 3	√	√	√	√	√	√	√				√	√
Establishment number, version 3								√				
Establishment type, version 1	√			√								√
Extended wait patient, version 1							√					
External cause—admitted patient, version 4	√									√		
External cause—human intent, version 4										√		
First day of last menstrual period, version 1											√	

Data element	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	Emergency Dept. waiting times	Health labour force	Injury surveillance	Perinatal	Public hospital establishments
Food supplies, version 1												√
Full-time equivalent staff, version 2						√						√
Funding source for hospital patient, version 1	√	√	√									
Geographical location of establishment, version 2				√		√						√
Gestational age, version 1											√	
Group sessions, version 1												√
Hospital insurance status, version 3	√											
Hours on-call (not worked) by medical practitioner, version 2									√			
Hours worked by health professional, version 2									√			
Hours worked by medical practitioner in direct patient care, version 2									√			
Indicator procedure, version 3							√					
Indigenous status, version 3	√	√	√	√	√						√	
Indirect health care expenditure, version 1												√
Individual/group session, version 1												√
Infant weight, neonate, stillborn, version 3	√										√	
Injecting drug use, version 1				√								
Intended length of hospital stay, version 2	√											
Interest payments, version 1												√
Inter-hospital contracted patient, version 2	√											
Listing date for care, version 3							√					
Main treatment type for alcohol and other drugs, version 1				√								
Major diagnostic category, version 1	√	√										
Marital status, version 3		√			√							

Data element	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	Emergency Dept. waiting times	Health labour force	Injury surveillance	Perinatal	Public hospital establishments
Medical and surgical supplies, version 1												√
Medicare eligibility status, version 1	√											
Mental health legal status, version 5	√	√			√							
Method of birth, version 1											√	
Method of use for principal drug of concern, version 1				√								
Mode of admission, version 4	√	√	√									
Mode of separation, version 3	√	√	√									
Narrative description of injury event, version 1										√		
Nature of main injury—non-admitted patient, version 1										√		
Newborn qualification status, version 2	√											
Non-salary operating costs, version 1									√			
Number of available beds for admitted patients, version 2												√
Number of leave periods, version 3	√	√										√
Number of qualified days for newborns, version 2	√											
Number of service contact dates, version 2					√							
Number of service contacts within a treatment episode for alcohol and other drugs, version 1				√								
Occurrences of service, version 1												√
Onset of labour, version 1											√	
Other drugs of concern, version 1				√								
Other recurrent expenditure, version 1												√
Other revenues, version 1												√
Other treatment type for alcohol and other drugs, version 1				√								
Overdue patient, version 3												√

Data element	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	Emergency Dept. waiting times	Health labour force	Injury surveillance	Perinatal	Public hospital establishments
Patient days, version 3												√
Patient listing status, version 3							√					
Patient revenue, version 1												√
Patient transport, version 1												√
Payments to visiting medical officers, version 1						√						√
Person identifier, version 1	√	√	√	√	√					√		
Place of occurrence of external cause of injury, version 5	√									√		
Preferred language, version 2				√								
Previous specialised treatment, version 3		√	√									
Principal area of clinical practice, version 1									√			
Principal diagnosis, version 3	√	√	√		√							
Principal drug of concern, version 1				√								
Principal status of health professional, version 1									√			
Procedure, version 5	√											
Profession labour force status of health professional, version 1									√			
Reason for removal from Emergency Department waiting list, version 3							√					
Recoveries, version 1												√
Repairs and maintenance, version 1												√
Salaries and wages, version 1						√						√
Separation date, version 5	√	√	√								√	
Separations, version 2						√						√
Service contact date, version 1												
Sex, version 2	√	√	√	√	√	√					√	

Data element	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	Emergency Dept. waiting times	Health labour force	Injury surveillance	Perinatal	Public hospital establishments
Source of referral to alcohol and other drug treatment services, version 1				√								
Source of referral to public psychiatric hospital, version 3	√	√										√
Specialised service indicators, version 1												
State/Territory of birth, version 1											√	
Status of the baby, version 1											√	
Superannuation employer contributions (including funding basis), version 1												√
Surgical specialty, version 1							√					
Teaching status, version 1												√
Time of triage, version 1								√				
Time patient presents, version 1								√				
Total full-time equivalent staff, version 1												√
Total hours worked by medical practitioner, version 2									√			
Total leave days, version 3	√	√										
Total psychiatric care days, version 2	√	√										
Treatment delivery setting for alcohol and other drugs, version 1				√								
Triage category, version 1								√				
Type and sector of employment establishment, version 1									√			
Type of accommodation, version 2		√										
Type of non-admitted patient care (public psychiatric, alcohol and drug), version 1												√
Type of non-admitted patient care, version 1												√
Type of usual accommodation, version 1		√										
Type of visit to Emergency Department, version 2								√				

Data element	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	Emergency Dept. waiting times	Health labour force	Injury surveillance	Perinatal	Public hospital establishments
Urgency of admission, version 1	√											
Waiting list category, version 3							√					
Waiting time at a census date, version 1							√					
Waiting time at admission, version 1							√					

Appendix K: Subject/key word index to data elements

Legend: *data elements in italics font*
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