Glossary

For further information on the terms used in this report, refer to the definitions in use in 1998–99 in the *National Health Data Dictionary* Version 7.0.

Aboriginal or Torres Strait Islander status Aboriginal or Torres Strait Islander status of the person according to the following definition:

An Aboriginal or Torres Strait Islander is a person of Aboriginal or Torres Strait Islander descent who identifies as an Aboriginal or Torres Strait Islander and is accepted as such by the community with which he or she lives.

Acute

Having a short and relatively severe course.

Acute care hospitals

Establishments which provide at least minimal medical, surgical or obstetric services for admitted patient treatment and/or care, and which provide round-the-clock comprehensive qualified nursing service as well as other necessary professional services. They must be licensed by the State or Territory health department, or controlled by government departments. Most of the patients have acute conditions or temporary ailments and the average stay per admission is relatively short. Public acute hospitals are funded by the State or Territory health authority.

Additional diagnoses

Diagnoses or conditions that affect a person's care in terms of

requiring therapeutic treatment, clinical evaluation, diagnostic procedure, extended length of hospital stay or increased nursing care and/or monitoring. Additional diagnoses include comorbid conditions (co-existing conditions) and/or complications

(conditions that arose during the episode of care).

Administrative and clerical staff

Staff engaged in administrative and clerical duties. Civil engineers and computing staff are included in this category. Medical staff and nursing staff, diagnostic and health professionals, and any domestic staff primarily or partly engaged in administrative and clerical duties are excluded.

Administrative expenditure

All expenditure incurred by establishments (but not central administrations) of a management expense/administrative support nature such as any rates and taxes, printing, telephone, stationery and insurance expenses (including workers' compensation).

Admitted patient
Admitted patient cost
proportion

A patient who undergoes a hospital's formal admission process. The ratio of admitted patient costs to total hospital costs, also known as the inpatient fraction or IFRAC.

Australian Refined Diagnosis Related Groups (AR-DRGs) An Australian system of Diagnosis Related Groups (DRGs). DRGs provide a clinically meaningful way of relating the number and type of patients treated in a hospital (that is, its casemix) to the resources required by the hospital. Each AR-DRG represents a class of patients with similar clinical conditions requiring similar hospital services.

Available beds

Beds immediately available for use by admitted patients as required.

Average length of stay The average number of patient days for admitted patient episodes.

Patients admitted and separated on the same day are allocated a

length of stay of one day.

Boarder A person who is receiving food and/or accommodation but for

whom the hospital does not accept responsibility for treatment and/or care. A boarder is not admitted to the hospital, although a

hospital may register a boarder.

Compensable patients Those patients entitled to, or who have been paid, compensation,

damages, or other benefits in respect of the injury, illness or disease for which they have received care or treatment. More information is

contained in the National Health Data Dictionary Version 7.0.

Cost weights Cost weights represent the costliness of an AR-DRG relative to all

other AR-DRGs such that the average cost weight for all

separations is 1.00. A separation for an AR-DRG with a cost weight of 5.0 therefore, on average, costs 10 times as much as a separation with a cost weight of 0.5. There are separate cost weights for AR-DRGs in the public and private sectors, reflecting the differences in the range of costs in the different sectors. The cost weights used in this report are 1998–99 national cost weights for AR-DRGs

v4.0/4.1.

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.

Domestic and other staff

Staff engaged in the provision of food and cleaning services. They include domestic staff, such as food services managers, primarily engaged in administrative duties. This category also includes all staff not elsewhere included (primarily maintenance staff, tradespersons and gardening staff).

Domestic services expenditure

The costs of all domestic services including electricity, other fuel and power, domestic services for staff, accommodation and kitchen expenses but not including salaries and wages, food costs or equipment replacement and repair costs.

Drug supplies expenditure

The cost of all drugs including the cost of containers.

Error DRGs Seven AR-DRGs to which separations are grouped if their records contain clinically inconsistent or invalid information.

Eligible Department of Veterans' Affairs patient An eligible person whose charges for the hospital admission are met by the Department of Veterans' Affairs. These data are as supplied by the States and Territories and the eligibility to receive hospital treatment as a Department of Veterans' Affairs patient may not necessarily have been confirmed by the Department.

Eligible other patient

An eligible person who does not meet the criteria to be an eligible public, private or Department of Veterans' Affairs patient. This category includes compensable patients, patients with Australian Defence Force personnel entitlements and common law cases.

Eligible person

Under the Australian Health Care Agreements (formerly the Medicare agreements), an eligible person means a person who resides in Australia and whose stay in Australia is not subject to any limitation as to time imposed by law. Except where they are covered by reciprocal health care agreements, foreign diplomats, their families and persons visiting Australia are excluded.

Eligible private patient

An eligible person who:

- on admission to a public hospital or soon after, elects to be a
 private patient treated by a medical practitioner of his or her
 choice, or elects to occupy a bed in a single room. Such a
 private patient is responsible for meeting certain hospital
 charges as well as the professional charges raised by any
 treating medical or dental practitioner; or
- chooses to be admitted to a private hospital. Such a private patient is responsible for meeting all hospital charges as well as the professional charges raised by any treating medical or dental practitioner.

Eligible public patient

An eligible person who, on admission to a public hospital or soon after, elects to be a public patient, or an eligible public patient whose treatment is contracted to a private hospital. A public patient is entitled to receive care and treatment without charge.

Enrolled nurses

Second-level nurses who are enrolled in all States and Territories except Victoria where they are registered by the State registration board to practise in this capacity. Includes general enrolled nurses and specialist enrolled nurses (e.g. mothercraft nurses in some States and Territories).

Episode of care

An episode of care is a phase of treatment for an admitted patient. It may correspond to a patient's entire hospital stay, or the hospital stay may be divided into separate episodes of care of different types. See *Separation*.

External cause

Environmental event, circumstance and/or condition as the cause of injury, poisoning and/or other adverse effect.

Food supplies expenditure

The cost of all food and beverages but not including kitchen expenses such as utensils, cleaning materials, cutlery and crockery.

Full time equivalent staff

Full time equivalent units are on-job hours worked and hours of paid leave (sick, recreation, long service, workers' compensation) by/for a staff member (or contract employee where applicable) divided by the number of hours normally worked by a full time staff member when on the job (or contract employee where applicable) under the relevant award or agreement.

HASAC

For hospitals where the IFRAC was not available or was clearly inconsistent with the data, the admitted patient costs are estimated by Health and Allied Services Advisory Council (HASAC) ratio (see Appendix 5).

IFRAC

The ratio of admitted patient costs to total hospital costs, also known as the admitted patient cost proportion.

Ineligible patient

A patient who is not eligible under the Australian Health Care Agreements (formerly the Medicare agreements).

Interest payments

Payments made by or on behalf of the establishment in respect of borrowings (e.g. interest on bank overdraft) provided the

establishment is permitted to borrow.

Length of stay The length of stay of a patient is calculated by subtracting the date

the patient is admitted from the date of separation. All leave days, including the day the patient went on leave, are excluded. A same

day patient is allocated a length of stay of one day.

Major Diagnostic Categories (MDCs)

A high level of groupings of patients used in the AR-DRG

classification.

Medical and surgical supplies expenditure

The cost of all consumables of a medical or surgical nature (excluding drug supplies) but not including expenditure on

equipment repairs.

Newborn episodes of

A newborn episode of care is assigned for all patients who are admitted aged 9 days or less. Newborn episodes of care comprise qualified days (see below) only, separations with a mixture of qualified and unqualified days and separations with unqualified days only. Separations comprising only qualified days are considered to be the equivalent of episodes of acute care.

Non-admitted patient occasion of service

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

Non-admitted patients

Patients who receive care from a recognised non-admitted patient

service/clinic of a hospital.

Not published (n.p.)

Not available for separate publication but included in the totals where applicable.

Other personal care staff

This category includes attendants, assistants or home assistants, home companions, family aides, ward helpers, wards persons, 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.

Other recurrent expenditure
Other revenue

Recurrent expenditure not included elsewhere in any of the recurrent expenditure categories.

All other revenue received by the establishment that is not included under patient revenue or recoveries (but not including revenue payments received from State or Territory Governments). This would include revenue such as investment income from temporarily surplus funds and income from charities, bequests and

accommodation provided to visitors.

Patient days

The number of full or partial days' stay for patients who were admitted for an episode of care and who underwent separation during the reporting period. A patient who is admitted and separated on the same day is allocated one patient day. Further information on patient days is included in Appendix 3.

Patient revenue

Revenue received by, and due to, an establishment in respect of individual patient liability for accommodation and other establishment charges.

Patient transport

The direct cost of transporting patients excluding salaries and wages of transport staff.

Payments to visiting medical officers

All payments made to visiting medical officers for medical services provided to hospital (public patients) on a sessionally paid or feefor-service basis.

Place of occurrence of external cause

The place where the external cause of injury, poisoning or violence occurred.

Pre-MDC

Eight AR-DRGs to which separations are grouped, regardless of their principal diagnoses, if they involved procedures that are particularly resource intensive (transplants, tracheostomies or extra-corporeal membrane oxygenation without cardiac surgery).

Principal diagnosis

The diagnosis established after study to be chiefly responsible for occasioning the patient's episode of care in hospital.

Principal procedure

The most significant procedure that was performed for treatment of the principal diagnosis. If no procedure is performed for treatment of the principal diagnosis, other procedures can be reported as the principal procedure. In order, these are a procedure performed for treatment of an additional diagnosis, a diagnostic/exploratory procedure related to the principal diagnosis or a diagnostic/exploratory procedure related to an additional

diagnosis.

Private hospital

A privately owned and operated institution, catering for patients who are treated by a doctor of their own choice. Patients are charged fees for accommodation and other services provided by the hospital and relevant medical and paramedical practitioners. Acute care and psychiatric hospitals are included.

Psychiatric hospitals

Institutions which provide treatment and care for patients with psychiatric, mental or behavioural disorders.

Qualified days

Days within *Newborn* episodes of care are either qualified or unqualified. Days are qualified if the patient is the second or subsequent live-born infant of a multiple birth, whose mother is an admitted patient, is admitted to an intensive care facility in a hospital, or is admitted to, or remains in hospital without its mother.

Recoveries

All revenue received that is in the nature of a recovery of expenditure incurred. This would include:

- income received from the use of hospital facilities by salaried medical officers exercising their rights of private practice and by private practitioners treating private patients in hospital;
 and
- other recoveries such as those relating to inter-hospital services where the revenue relates to a range of different costs and cannot be clearly offset against any particular cost.

Recurrent expenditure

Expenditure which recurs continually or frequently (e.g. salaries). It may be contrasted with capital expenditure, such as the cost of hospital buildings and diagnostic equipment, for which expenditure is made infrequently.

Region – Rural, Remote and Metropolitan

- Capital cities: statistical division
- Other metropolitan centres: urban centres with a population greater than or equal to 100,000
- **Large rural centres** (index of remoteness < 10.5): urban centres with a population between 25,000 and 99,000
- **Small rural centres** (index of remoteness < 10.5): urban centres with a population between 10,000 and 24,999
- **Other rural areas** (index of remoteness < 10.5): urban centres with a population less than 10,000
- **Remote centres** (index of remoteness > 10.5): urban centres with a population greater than 4,999
- Other remote areas (index of remoteness > 10.5): urban centres with a population less than 5,000.

For more information see *Rural*, *Remote and Metropolitan Areas Classification*, 1991 Census Edition (DPIE & DHSH 1994).

Registered nurses

Nurses with at least a 3-year training certificate and nurses holding postgraduate qualifications. Registered nurses must be registered with a State or Territory registration board.

Repairs and maintenance expenditure

The costs incurred in maintaining, repairing, replacing and providing additional equipment, maintaining and renovating building and minor additional works.

Salaried medical officers

Medical officers engaged by the hospital on a full time or part time salaried basis.

Same day patients

Same day patients are admitted patients who are admitted and separate on the same date.

Separation

The term used to refer to the episode of care, which can be a total hospital stay (from admission to discharge, transfer or death), or a portion of a hospital stay beginning or ending in a change of type of care (for example, from acute to rehabilitation). 'Separation' also means the process by which an admitted patient completes an episode of care by being discharged, dying, transferring to another hospital or changing type of care.

Specialised service

A facility or unit dedicated to the treatment or care of patients with particular conditions or characteristics.

Statistical Division

A general purpose spatial unit, it is the largest and most stable unit within the Australian Standard Geographical Classification (ASGC). This classification has been developed by the Australian Bureau of Statistics and covers all of Australia without gaps or overlaps or crossing of State or Territory boundaries.

Student nurses

Nurses employed by the establishment currently studying in years 1 to 3 of a 3-year certificate course. This includes any person commencing or undertaking a 3-year course of training leading to registration as a nurse by the State or Territory registration board. This includes full time general student nurses and specialist student nurses, such as mental deficiency nurses, but excludes practising nurses enrolled in post-basic training courses.

Superannuation payments

Contributions paid or (for an emerging cost scheme) that should be paid (as determined by an actuary) on behalf of establishment employees either by the establishment or a central administration such as a State or Territory health authority, to a superannuation fund providing retirement and related benefits to establishment employees.

Trainee/pupil nurses

Nurses that are commencing or undertaking a 1-year course of training leading to registration as an enrolled nurse on the State or Territory registration board (includes all trainee nurses).

Type of admitted patient episode

A classification of admitted patient episodes into broad groups based on principal diagnosis, principal procedure or status as a nursing home type or rehabilitation patient.

Type of non-admitted patient occasion of service

A broad classification of services provided to non-admitted patients. See data element 231 in the *National Health Data Dictionary* Version 7.0 for further details.

Visiting medical officer

A medical practitioner appointed by the hospital board to provide medical services for hospital (public) patients on an honorary, sessionally paid, or fee-for-service basis.

References

Aisbet C 1998. Formal casemix comparison of hospitals. In: Tenth Casemix Conference in Australia, conference proceedings. Canberra: Commonwealth Department of Health and Family Services.

Australian Bureau of Statistics (ABS) 1999. Public Finance Database 1999. Cat. No. 5512.0 and 5501.0. Canberra: ABS.

Australian Bureau of Statistics (ABS) 2000. Private hospitals Australia 1998–99. Cat. No. 4390.0. Canberra: ABS.

Australian Council on Healthcare Standards (ACHS) 1999. Annual report 1998–99. Sydney: ACHS.

Australian Institute of Health and Welfare (AIHW) & Department of Health and Family Services (DHFS) 1997. First report on national health priority areas 1996. Canberra: AGPS.

Australian Institute of Health and Welfare (AIHW) 1997a. Australian hospital statistics, 1993–95: an overview. Health Services Series no. 9. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 1997b. Australian hospital statistics, 1995–96. Health Services Series no. 10. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 1998. Australian hospital statistics, 1996–97. Health Services Series no. 11. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 1999a. Australian hospital statistics, 1997–98. Health Services Series no. 12. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 1999b. Nursing labour force 1998. National Health Labour Force Series no. 15. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 2000a. Medical labour force 1998. National Health Labour Force Series no. 16. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 2000b. Australia's health services expenditure to 1998–99. Health Expenditure Bulletin No. 16. Health and Welfare Expenditure Series. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 2000c. Pharmacy labour force 1998. National Health Labour Force Series no. 17. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 2000d. Waiting times for elective surgery in Australia 1997–98. Health Services Series no. 14. Canberra: AIHW.

Australian Institute of Health and Welfare (AIHW) 2000e. Australia's health 2000: the seventh biennial health report of the Australian Institute of Health and Welfare. Canberra: AIHW.

Committee for the Review of Commonwealth/State Service Provision (SCRCSSP) 2000. Report on government services Volume 1. Melbourne: Industry Commission.

Commonwealth of Australia 1998. National mental health report 1997. Canberra: Department of Health and Family Services.

Day P, Sullivan EA, & Lancaster P 1999. Australia's mothers and babies 1997. (Perinatal Statistics Series No. 9. Sydney: AIHW National Perinatal Statistics Unit.

Department of Health and Aged Care (DHAC) 1999. Report on National hospital cost data collection 1997-98. Canberra: DHAC.

Department of Health and Aged Care 1998. Australian Refined Diagnosis Related Groups, version 4.1 Definitions Manual. Canberra: Department of Health and Aged Care.

Department of Primary Industries and Energy (DPIE) & Department of Human Services and Health (DHSH) 1994. Rural, remote and metropolitan areas classification, 1991 Census edition. Canberra: AGPS.

Diers D, Eason M, Aisbet C, Heard D, Bettigole M & Boyle S 1998. Casemix vs hospitals characteristics for comparative analysis. In: Tenth Casemix Conference in Australia, conference proceedings. Canberra: Commonwealth Department of Health and Family Services.

Duckett SJ & Jackson TJ 1998. Do the elderly cost more? Casemix funding for elderly patients in acute patient settings. Nursing Older People: Issues and Innovations. MacLennan and Petty.

Gillett S & O'Connor-Cox D 1996. Exceptional case policy and paying for long stay patients in acute hospitals. Eighth Casemix Conference in Australia, Conference Proceedings. Canberra: Commonwealth Department of Human Services and Health.

Hindle D 1999. Product costing in Australia hospitals. A background guide to national costing work. Canberra: DHAC.

National Centre for Classification in Health (NCCH) 1997. ICD-10-AM implementation kit. Sydney: university of Sydney.

National Centre for Classification in Health (NCCH) 1998. The International Statitsical Classification of Diseases and Related Health Problems, 10 revision, Australian modeification (IDC-10-AM). 1st edition. Sydney: University of Sydney.

National Coding Centre 1996. The Australian version of the International Classification of Diseases, 9th revision, clinical modification (ICD-9-CM) 2nd ed. Sydney: University of Sydney.

National Health Data Committee (NHDC) 1998. National health data dictionary version 7 Canberra: AIHW.

National Health Ministers' Benchmarking Working Group (NHMBWG) 1996. First national report on health sector performance indicators: public hospitals – the state of play. Canberra: AIHW.

National Health Ministers' Benchmarking Working Group (NHMBWG) 1998. Second national report on health sector performance indicators. Canberra: Department of Health and Family Services.

National Health Ministers' Benchmarking Working Group (NHMBWG) 1999. Third national report on health sector performance indicators. Canberra: Department of Health and Aged Care.

NSW Health 1998. Casemix standards for NSW. Sydney: NSW Health.

NSW Health 1999. NSW public hospitals comparison data book 1997–98. Sydney: NSW Health .

Organisation for Economic Co-operation and Development (OECD) 1999. OECD health data 99: a software for the comparative analysis of 29 Countries (CD-Rom). Paris: OECD.

Steering Committee for the Review of Commonwealth/State Service Provision (SCRCSSP) 1999. Report on government services Volume 1. Melbourne: Industry Commission. Steering

Strong K, Trickett P, Titulaer I, Bhatia K 1998. Health in rural and remote Australia. Canberra: AIHW.

Victorian Hospitals' Association (VHA) 1996. Hospital Comparative Data 1994–1995.

Index

\boldsymbol{A}	Discharge, type	58
Aboriginal and Torres Strait Islander status77, 78	E	
Aboriginal and Torres Strait Islander, data quality	Eligible (Medicare) patients	52
79	Episode of care	
Acute care53	definition	53
Admitted patients by public hospital program areas	Episode of care, type of	56
41	Expenditure	24, 26
Admitted patients by sector and hospital type	External causes for admitted patients	
Average cost weight	Activity of injured	178
Average length of stay40	Age & sex, separations	177
Patient days39	classification & coding	176
Same day separations37	definition	176
Separation rates	Place of occurence	178
Separations	Principal diagnosis	179
Age77, 78	Sector, separations	177
Age group78	State & Territories, separations	177
Area of usual residence55	F	
Australian Council on Healthcare Standards8	Further information	257
Australian Refined Diagnosis Related Groups (AR-		201
DRGs)	H	
Cost weights See Appendix 4	Hospital	
Definition 188	Definitions	221
Error DRGs. 193	Private included	
Major diagnostic categories	Hospital accreditation.	
Version 4.0/4.1, features of	Hospital beds	
Version 4.0/4.1, leatures of	Hospital networks	
	Hospital size	
Average lengths of stay for the top 10 AP DRC 10	Hospitals	
Average lengths of stay for the top 10 AR-DRGs10	types reporting	36
Average salaries and wages expenditure7	Hospitals	
В	Hospitals contributing to this report	
Beds, regional distribution22		233
-	I	
\boldsymbol{c}	ICD-10-AM3, 94	1, 95, 139
Capital expenditure	Categories used	230
Compensable status52, 55	Classification	226
Cost per casemix-adjusted separation6	Mapping from ICD-9-AM	233
Cost weight, average54	Summary of changes from ICD-9-CM.	228
Country of birth	ICD-9-CM	3, 139
D	Insurance status	
D	Inter-hospital contracted patient status	58
Data limitations26, 79	Internet tables	4, 99
Data presentation	L	
Date of birth77	_	
Department of Veterans' Affairs (DVA) patients52, 54	Limitations of the data	.4, 26, 79
Depreciation	M	
Diagnosis codes	Medical officers	23

Medical practitioners24	Private free-standing day hospital facilities	
Mode of separation58	Private hospital	3, 4, 21
N	Private patients	52, 54
1 🔻	Private psychiatric hospitals	2
National Health Data Dictionary Version 7.01	Procedure codes	142
National Health Priority Areas96	Procedures	139, 144
National Hospital Morbidity Database2	Public acute hospitals	1
National Minimum Data Set for Institutional	Public hospital peer groups	267
Health Care3	Classification table	270
National Public Hospital Establishments Database 2	Definition	270
Newborn episode of care	Existing classification	267
Non-acute care53	Public hospitals	1, 2
Non-admitted patients in public hospitals41	Public Hospitals	21
Nurses	Public patients	52, 54
o	Public psychiatric hospitals	1
Other care	Q	
Overview of activity in Australian hospitals36	Quality of establishments data	26
P	R	
Palliative care53	Recurrent expenditure	24
Patient accommodation status54	Rehabilitation care	53
Patient accomodation status	Revenue	25
definition52	S	
Population estimates		
Population rates	Salaried medical officers	
Principal diagnosis	Sentinel procedures	
Principal procedure	Separation rates for selected procedures	8
definition	Sex	78
Principal procedures	Source of referral	57
age & sex	Specialised services	23
by age group & sex	Staffing	
by sector	State or Territory of usual residence	53, 55
by States and Territories		