

# NSW Admitted Patient Data Collection

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Legacy Data dictionary for data to 30 June 2023

October 2023

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# Background

The NSW Admitted Patient Data Collection (APDC) records all inpatient separations (discharges, transfers, and deaths) from all public hospitals, public psychiatric hospitals, multi-purpose services, private hospitals, and private day procedure centres in NSW. Approximately 400 facilities contribute to the data collection, which includes patient demographic information, diagnoses, procedures, and administrative information such as dates of admission and separation, source of referral to the service, service referred to on separation, and patient health insurance status.

Public hospital APDC data are recorded in terms of episodes of care (EOC). An episode of care ends with the patient ending a period of stay in hospital (e.g. by discharge, transfer or death) or by becoming a different “type” of patient within the same period of stay. The categories of types of care are listed under the variable “Episode of care type”. For private hospitals, each APDC record represents a complete hospital stay. Private hospitals can be selected using the hospital type variable (private hospitals are coded as 2 or 4).

APDC records are counted based on the date of separation (discharge) from hospital and do not include patients who have been admitted but not discharged from hospital.

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## Changes to data collection – July 2023

On 1 July 2023 NSW Health launched a new centralised data warehouse known as EDWARD: a contemporary system to ensure our data and information is high quality, integrated, accessible and utilised.

This data dictionary document and variable lists describes the content and form of data collected in the previous system and are applicable for data relating Admitted Patient episodes of care prior to 1 July 2023.

CHEREL services will continue with NSW APDC data to June 2023 in their current format.

Additional information on the timelines and detail regarding the structure, format and availability of APDC data relating to Admitted Patient episodes of care on or after 1 July 2023 for linked data projects be made available once confirmed.

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# Considerations for using APDC in linkage studies

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## Record Linkage and data availability

- APDC data is only available from July 2001 onwards.
- Records from Northern Beaches Hospital (Opened in October 2018) are not yet available for linkage
- Patient names are not generally available for admissions to private hospitals prior to 1 July 2014. While the CHeReL is able to link these records based on other demographic details, the linkage is likely to be less accurate. Caution must therefore be exercised in interpreting results where private hospital data are involved.

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## Diagnosis and procedure information

- Diagnosis information is classified according to the International Statistical Classification of Diseases and Related Health Problems, Tenth Revision, Australian Modification (ICD-10-AM)
  - Procedures and interventions are classified according to the Australian Classification of Health Interventions (ACHI).
  - The Australian Coding Standards (ACS) specifies coding standards that provide guidelines to assist users of the classifications in obtaining consistency in clinical coding nationally. Public and private hospitals in Australia use ICD-10-AM/ACHI/ACS to classify episodes of admitted patient care. These classifications are currently updated every two years to ensure they are fit for purpose and remain clinically current.
  - Descriptions of the ICD-10-AM/ACHI/ACS codes are not provided. You can access descriptions from [Independent Hospital Pricing authority](#) .
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## Changes to NSW Admissions Policy

From 15 June 2017, emergency department (ED)-only episodes of care are no longer included in admitted patient data. Consideration should be given to excluding ED-only episodes of care from analyses to provide consistency with historical data. See the [HealthStats NSW Statistical methods paper](#) for more detail.

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## Geographical boundaries

- Census year geographical boundaries (based on the patient's residential address at the time of admission) are available for all years and for all records. When considering which version(s) of a boundary to select, you should consider which boundary versions are used in the relevant area-level data for the project (e.g. population data, SEIFA, or ARIA indices, other data source in a linked data project).
  - Postcode is not considered a geographical boundary.
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## Facility identifier variables

The APDC includes fields that refer to individual facilities, including:

- Facility identifier
- Facility transferred to
- Facility transferred from

For private hospitals, these fields can be supplied to researchers in three different ways: masked, consistently (Table 1)

Table 1 Example of facility identifier options

Hospital sector	Actual		Masked		Consistently Encrypted		Identified	
	Code	Label	Code	Label	Code	Label	Code	Label
Public	X124	Hosp. A	X124	Hosp. A	X124	Hosp. A	X124	Hosp. A
Private	X351	Hosp. B	PRIV	PRIV	XX32	Blank	X351	Hosp. B
Private	X352	Hosp. C	PRIV	PRIV	XX34	Blank	X352	Hosp. C

Unless specifically requested, only the masked facility identifier fields will be supplied to investigators. Access to consistently encrypted facility identifier fields is contingent on the following factors:

- There is a strong and clear justification for having access to a field that could potentially re-identify private hospitals within the data collection.
- The Data Custodian explicitly supports the request for that version of the facility identifier field.

Investigators seeking access to the identified version of the facility identifier fields should also ensure that the project documentation contains a clear explanation of why the aims of the study could not be met using consistently encrypted facility identifiers.

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## Variables for describing patient journey and transfers

The following variables are recommended for use in analyses that seek to describe the patient journey (accounting for patient transfers between hospitals):

- Facility identifier
  - Stay number
  - Episode sequence number
  - Episode start date and time
  - Episode end date and time
  - Episode of care type
  - Facility transferred to
  - Facility transferred from
  - Mode of separation
- 

## Variables for linkage with NSW Emergency Department Data Collection (EDDC)

The following APDC variables are recommended for use in analyses that seek to link the NSW APDC with any corresponding EDDC records:

- Facility identifier
  - Emergency department status
  - Source of referral
  - Episode start date and time
  - Episode end date and time
- 

## Versions of Classification systems

Versions of classification systems change over time. We recommend using the appropriate version identifier to assist with interpretation:

- Australian Refined Diagnosis Related Group (AR-DRG) and Major Diagnostic Category: use AR DRG version
- Service Related Group (SRG): use SRG version
- Diagnosis codes, procedure codes and block numbers: use clinical codeset

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# Costing Admitted Patient Data

The Australian Refined Diagnosis Related Groups (AR DRG) classification system provides the health care industry with a consistent method of classifying types of patients, their treatment and associated costs.

The Independent Hospital Pricing Authority (IHPA) collects and maintains the National Hospital Cost Data Collection (NHCCDC) for the public and private sectors of the Health Care Industry. IHPA publish cost reports for each financial year which include cost weight information by DRG and average costs per DRG. Separate cost reports are available for the private and public sector.

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## Availability of cost information within the NSW Admitted Patient Data Collection

The AR-DRG classification is recorded for Public Hospital Admitted Patient Data Collection (APDC) episodes of care. For private hospitals, the AR-DRG is recorded for the stay for records until June 30 2014. In 2014/15 a new system was rolled out to collect data from private hospitals. As a result, the AR-DRG classification is no longer recorded for private hospital separations.

For research involving analysis or comparisons of costs, it will generally be sufficient to request the AR-DRG classification and AR-DRG version for APDC records. The classifications can be mapped to average costs using the cost reports produced by IHPA.

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## Access to information on Aboriginal and Torres Strait Islander peoples

An application to the Aboriginal Health and Medical Research Council (AH&MRC) ethics committee should be made for research projects for which one or more of the following apply:

- The experience of Aboriginal people is an explicit focus of all or part of the research
- Data collection is explicitly directed at Aboriginal peoples
- Aboriginal peoples, as a group, are to be examined in the results
- The information has an impact on one or more Aboriginal communities
- Aboriginal health funds are a source of funding

Research that is not specifically directed at Aboriginal people or communities, such as for the total population or a sub-population (e.g., rural NSW, people over 50 years old) can still potentially impact on Aboriginal people.

However, an application for such research need only be made to the Committee if any one of the following applies:

- Any of the five factors listed above are present: or
- Aboriginal people are known, or are likely, to be significantly over-represented in the group being studied (e.g., compared to the 2.1% of the total NSW population as shown in the 2006 Census); or
- The Aboriginal experience of the medical condition being studied is known, or is likely, to be different from the overall population; or
- There are Aboriginal people who use the services being studied in distinctive ways, or who have distinctive barriers that limit their access to the services; or

- It is proposed to separately identify data relating to Aboriginal people in the results.

The AH&MRC ethics committee have some specific requirements, including evidence of community engagement in the research. Relevant documents can be found on the AH&MRC website at: <http://www.ahmrc.org.au>. If you are unsure whether an application to the AH&MRC Ethics Committee is required, please seek the advice of the Ethics Committee secretariat (T: 02 9212 4777)

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## Data Custodian

Executive Director, System Information and Analytics, NSW Ministry of Health.

CHeReL organises data custodian sign-off for NSW APDC data on behalf of the researcher. To arrange sign-off, please contact:

Research Project Manager

Centre for Health Record Linkage

NSW Ministry of Health

1 Reserve Road

ST LEONARDS NSW 2065

Post: Locked Mail Bag 961

North Sydney NSW 2059

Phone: 02 9391 9924

Fax: 02 9391 9686

Email: [MOH-CHeReL@health.nsw.gov.au](mailto:MOH-CHeReL@health.nsw.gov.au)

# Variable list

The variable list below is valid for data to June 2023 only.

Variable	Description/Notes	Name[s] in dataset	Codes
Hospital type	Flag to indicate if facility is public or private- based on the source system.	hospital_type	<u>Codes: Hospital Type / Source system</u>
Facility type	The category of the facility through which the health service is delivered.	facility_type	<u>Codes: Facility Type</u>
Peer group	Facility peer grouping (Public Hospitals only) For more information please see: <a href="https://www1.health.nsw.gov.au/pds/Pages/doc.aspx?dn=IB2016_013">https://www1.health.nsw.gov.au/pds/Pages/doc.aspx?dn=IB2016_013</a>	peer_group	<u>Codes: Peer group</u>
Acute Hospital Flag	Indicates whether or not the patient received the service at an acute facility.	acute_flag	
Recognised public hospital flag	Flag to identify whether the patient attended a facility that was a public hospital recognised by the Commonwealth Government under the Medicare Agreement.	recognised_ph_flag	
Local Health District of Facility		area_identifier	<u>Codes: Local Heath District (LHD)</u>
Facility identifier	The specific hospital, nursing home or day procedure centre reporting the inpatient episode of care. Where information on specific facilities is required, specify by name.	facility_identifier_recode	Code lists are updated regularly.
Stay number (encrypted)	The stay number for each period of stay [encrypted]	stay_number_e	
Episode sequence number	The sequence number of an episode during a period of stay.	episode_sequence_number	
Episode start date	The date on which an admitted patient commences an episode of care, by either a formal admission to the hospital or a type change to a subsequent episode within the one stay in hospital. Full date will only be supplied if sufficient justification is supplied. Date may	episode_start_date	

Variable	Description/Notes	Name[s] in dataset	Codes
	otherwise be supplied as year, year and month, or year, month and day of the week only		
Episode start time	The time at which an admitted patient commences an episode of care, by either a formal admission to the hospital or a type change to a subsequent episode within the one stay in hospital.	episode_start_time	
Episode end date	The date on which an admitted patient completes an episode of care, by either a formal discharge from the hospital or by a statistical type change to a subsequent episode. Full date will only be supplied if sufficient justification is supplied. Date may otherwise be supplied as year, year and month, or year, month and day of the week only	episode_end_date	
Episode end time	The time at which an admitted patient completes an episode of care, by either a formal discharge from the hospital or by a statistical type change to a subsequent episode.	episode_end_time	
Episode day stay length of stay in hours	The number of hours a patient who is admitted and separated on the same day is admitted to the hospital. From 2014-15 only available for public hospitals	episode_day_stay_los_rec ode.	
Episode leave days total	The total number of days the patient was not at the hospital between the date of admission and separation. Periods of leave may be up to 7 days, however there is no limit to the number of periods of leave a patient can take during an episode of care. A large number of leave days are common for psychiatric patients.	episode_leave_days_total	
Episode length of stay	The number of days the patient spends in the hospital. From 2014-15 only available for public hospitals	episode_length_of_stay	(episode end date – episode start date – leave days)
Episode of care type	This item is used to record the principal clinical intent or treatment goal of the care provided to the patient for the episode of care.	episode_of_care_type	<u>Codes: Episode of Care Type</u>
Mode of separation	The method (discharge, death, transfer, etc) by which the patient separates from the episode of care	mode_of_separation_reco de	<u>Codes: Mode of separation</u>
DRG mode of separation	Status at separation of person (discharge / transfer / death) and place to which the person is released. From 2014-15 only available for public hospitals..	drg_mode_of_separation	<a href="https://meteor.aihw.gov.au/content/index.phtml/itemId/270094">https://meteor.aihw.gov.au/content/index.phtml/itemId/270094</a>
Contract status	An indication whether or not the admitted patient service being provided during this stay in hospital is being performed under a	contract_status_public	<u>Codes: Contract Status</u>

Variable	Description/Notes	Name[s] in dataset	Codes
	contractual agreement with another facility or health service. (Formerly known as 'contract')		
Mode of separation	The status of the person at separation from the Emergency Department	contract_status_private	<u>Codes: Mode of separation</u>
Facility transferred from	The hospital, nursing home or day procedure centre the patient was transferred from.	facility_trans_from_recode	
Facility transferred to	The hospital, nursing home or day procedure centre the patient was transferred to.	facility_trans_to_recode	
Emergency status	Urgency of admission. Indicates whether or not, in the opinion of the treating clinician, the admission was an emergency: that is, care or treatment was required within 24 hours. Applies to public hospital data only	emergency_status_recode	<u>Codes: Emergency Status</u>
Emergency Department Status	A flag that indicates whether a patient during an episode of care has been treated within the emergency department, and if so, whether they were also admitted to a ward.	ed_status	<u>Codes: ED Status</u>
Referred to on separation	This variable records the service to which the patient was referred on separation from this episode of care (re-coded by adding a leading zero to values 1-9)	referred_to_on_separation_recode	<u>Codes: Referred to on Separation</u>
Source of referral	The source from which the person was referred to the hospital (re-coded, by adding a leading zero to values 0-9). Refer to data custodian for codes for historical years of data	source_of_referral_recode	<u>Codes: Source of Referral</u>
Unit type on admission	The designation of each bed, in terms of type of care or group of patients, which the patient is accommodated in during his/her stay in hospital. From 2014-15 this variable is only available for public hospitals.	unit_type_on_admission	<u>Codes: Unit Type on Admission</u>
Hours in ICU	The number of hours the patient spent in a designated intensive care unit for this episode of care.	hours_in_icu	
Hours on mechanical ventilation	The total number of completed hours that the patient has spent on mechanical ventilation during the episode of care.	hours_on_mech_ventilation	
Involuntary days in psychiatric unit	The sum of the number of days or part days of the episode of care that the person was an involuntary patient under the Mental	involuntary_days_in_psycho	

Variable	Description/Notes	Name[s] in dataset	Codes
	Health Act, minus the sum of leave days occurring during the episode within the designated unit.		
Last psychiatric admission date	Where the person has had a previous admission to a designated psychiatric unit in any facility, the year that the person was last separated from the designated psychiatric unit. From 2014-15 only available for public hospitals. Full date will only be supplied if sufficient justification is supplied. Date may otherwise be supplied as year, year and month, or year, month and day of the week only	last_psych_admission_date	
Days in Psychiatric Unit	If a patient has been admitted to a designated psychiatric unit at any time during the episode of care, enter the number of days the patient was accommodated in the designated psychiatric unit.	days_in_psych_unit	
Qualified bed days	Used in the calculation of Unqualified/Qualified Baby Bed Days.	qualified_bed_days_record	
Unqualified baby bed days	The number days a newborn was unqualified under the Health Insurance Act.	unqual_baby_bed_days	
Australian Refined Diagnosis Related Group	From 2014-15 ARDRG is available for public hospitals only	ar_drg	<a href="https://www.iHPA.gov.au/admitted-acute-care/ar-drg-classification-system">https://www.iHPA.gov.au/admitted-acute-care/ar-drg-classification-system</a>
	Version number of the ARDRG codeset (essential for interpreting ar_drg)	ar_drg_version	
Major Diagnostic Category	Major Diagnostic Category (MDC) for the ARDRG	MDC	<u>Codes: Major Diagnostic Category</u>
Service Related Group	Classifies patients according to the type of speciality service they principally receive. From 2014-15 only available for public hospitals	SRG	<u>Codes: Service Related Groups</u>
	SRG version (essential for interpreting SRG)	SRG_version	
Clinical codeset	The classification scheme used to code a procedure or diagnosis (clinical_codeset is essential for interpreting diagnosis and procedure codes)	clinical_codeset	
Condition onset flags	A qualifier for each coded diagnosis indicating the onset of the condition relative to the beginning of the episode of care.. Available from 1 July 2008	condition_onset_flagP, condition_onset_flag1- condition_onset_flag50	<u>Codes: Condition Onset</u>

Variable	Description/Notes	Name[s] in dataset	Codes
Diagnosis codes	Diagnoses for the episode of care coded according to ICD-10-AM edition current at the end of the episode. Principal diagnosis has 'P' suffix	diagnosis_codeP, diagnosis_code1- diagnosis_code50	ICD-10-AM
Procedure codes	The ACHI code specific to each procedure undertaken during an episode of care, defining what was performed during the associated episode/event. Principal (or first listed) procedure has 'P' suffix.	procedure_codeP, procedure_code1- procedure_code50	ICD-10-AM ACHI
Procedure block number	The ACHI block specific to each procedure code	procedure_blockP, procedure_block1- procedure_block50	ICD-10-AM ACHI
Procedure location	The location where the procedure was delivered.	procedure_locationP, procedure_location1- procedure_location49	
Health insurance on admission	Indicates whether the person receiving the inpatient service is insured with top cover or basic cover, or not insured at the time of admission. This variable is not intended to indicate whether or not the person utilises hospital benefit entitlements.	health_insurance_on_adm it	<u>Codes: Health Insurance on Admission</u>
Payment status on separation	Indicates the payment status of the patient.	payment_status_on_sep	<u>Codes: Payment Status on Separation</u>
Department of Veterans Affairs card type	Indicates the type of Veterans Affairs card	DVA_card_type	1 = White Card; 2 = Gold Card; 3 = Orange Card
Financial class	This information should be determined by the hospital based on the patient's Medicare eligibility, election to be treated by a hospital or hospital doctor, election of single or private room accommodation, compensable status, DVA status, same day/overnight status, etc. This variable is available for public hospitals only.	financial_class	<u>Codes: Financial Class</u>
Financial program	The code used to represent the financial program recorded for an episode of care to indicate the type of service under which the episode was categorised. This variable is available for public hospitals only.	financial_program	<u>Codes: Financial Program</u>

Variable	Description/Notes	Name[s] in dataset	Codes
Financial sub program	A code to identify the various components of the mental health financial program to aid in the identification of service specific activities, and where the primary episode of care costs were incurred. Available for public hospitals only.	financial_sub_program	<u>Codes: Financial Sub-program</u>
Sex	The biological sex of the patient.	sex	<u>Codes: Sex</u>
Age	The age in years of the patient (derived)	age_recode	(episode start date – date of birth)
Age group	Five year age group, derived from re-coded age	age_grouping_recode	<u>Codes: Age group</u>
Birth date	Full date of birth will only be supplied if sufficient justification is supplied that age in years is insufficient. Year and month may be provided	birth_date	
Country of birth (SACC)	Coding for this variable in private data may not be according to the SACC 2016	country_of_birth_SACC	<u>SACC 2016</u>
Country of usual residence	Coding for this variable in private data may not be according to the SACC 2 <sup>nd</sup> Edition	country_of_usual_residence	<u>SACC 2nd edition</u>
Marital status	The marital status of the patient on admission to the episode of care	marital_status	<u>Codes: Marital Status</u>
Indigenous status	Whether the person is Aboriginal or Torres Strait Islander, based on the person's own self-report. See notes above regarding access to this variable.	indigenous_status	<u>Codes: Indigenous Status</u>
Primary Health Network 2015	Primary Health Network 2015	PHN_2015_Code	<u>PHN Boundaries</u>
Australian Statistical Geography Classification (ASGC) 2001 Boundaries	Statistical Local Area 2001	SLA_2001_code	<u>ASGC 2001</u>
	Local Government Area 2001	LGA_2001_code	
ASGC 2006 Boundaries	2006 Statistical Local Area 2006	SLA_2006_code	<u>ASGC 2006</u>
	Local Government Area 2006	LGA_2006_code	
ASGC 2011 Boundaries	Statistical Local Area 2011	SLA_2011_code	<u>ASGC 2011</u>
	ASGS 2011 Statistical Area Level 2	SA2_2011_code	<u>ASGS 2011</u>

Variable	Description/Notes	Name[s] in dataset	Codes
Australian Statistical Geography Standard (ASGS) 2011 Boundaries	ASGS 2011 Statistical Area Level 3	SA3_2011_code	
	ASGS 2011 Statistical Area Level 4	SA4_2011_code	
	Local Government Area 2011	LGA_2011_code	
ASGS 2016 Boundaries	ASGS 2016 Statistical Area Level 2	SA2_2016_code	<u>ASGS 2016</u>
	ASGS 2016 Statistical Area Level 3	SA3_2016_code	
	ASGS 2016 Statistical Area Level 4	SA4_2016_code	
	Local Government Area 2016	LGA_2016_code	
	ASGS 2016 Statistical Area Level 3	SA3_2016_code	
	ASGS 2016 Statistical Area Level 4	SA4_2016_code	
	Local Government Area 2016	LGA_2016_code	

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## Code lists

### Codes: Facility Type

Code	Description
1	Public Hospital, Oncology/Cancer Outpatient Department
2	Screening Service (DoHRS Financial)
3	Community Health Centre, Dental Service
4	Public Hospital, Drug & Alcohol Unit
5	Public Hospital, Non-Psych Ward or Unit
9	Not Applicable
A	NSW Area Health Services
AHD	NSW Area Health Service Sub-Divisions
B	Linen Services (DOHRS Financial)
BIR	Public Hospital, Brain Injury Rehabilitation Unit
C	Public Hospital, Privately Managed under Contract
CAD	Community Residential, Confused and Disturbed Elderly unit
CAP	Community Acute & Post Acute Care (CAPAC)
CDA	Community Health Centre, Drug & Alcohol Service
CMH	Mental Health, Community Residential Facility
CMN	Mental Health, CAMHSNET Service
COM	Community Health Centre, Public Facility
COU	Justice Health, Courts
CRC	Community Residential Care Facility, NEC
CTC	Community Residential Transitional Care Service
D	Private Day Procedure Centre
DEN	Public Hospital, Outpatient Dental Facility
DOH	NSW Health Department
E	Biomedical engineering services (DOHRS Financial)
ERR	Record created in Error - Not to be used for Reporting
F	Food services (DoHRS Financial)
FLO	Inter-State & Intra-State Patient Flows
G	Area Program Services (DOHRS Financial)
GRP	Mental Health, Community Residential Group Home
H	Public hospital, Recognised (Non-Psych), NSW
HED	Public hospital, Emergency Department, NSW
HIT	Public Hospital, Hospital in the Home Service
HOP	Public hospital Outpatient Clinic, NFD
HPC	Community Residential Hospice

Code	Description
HWM	Public hospital, Psych Admitting Ward or Unit
I	Information and Information technology services (DoHRS Financial)
J	Medical Imaging Services
JAD	Justice Health, D&A, Admitting Ward or Unit
JAH	Justice Health, Admitting Entity
JAM	Justice Health, Ambulatory Care Facility, NFD
JCH	Justice Health, Community Health Centre
JDA	Justice Health, D&A service
JDU	Justice Health, Dental Unit
JOP	Justice Health, Outpatient Department or Clinic
JST	Justice Health, Outpatient Service Team
K	Financial business units (DoHRS Financial)
L	Pathology business unit, Not Further defined
LBH	Pathology Laboratory, In Public Hospital
LBO	Pathology Laboratory, Non-Hospital, Public
LBP	Pathology Laboratory, Private Sector, NSW
LBU	Pathology Business Unit (DOHRS Financial)
LIV	Community Health Centre, Living Skills Service
LOC	Service Point Location (Other than Mental Health)
M	Public Multi-Purpose Service, Admitting Entity
MHH	Mental Health, Community Hostel
MHL	Mental Health, Service Locations
MHN	Mental Health Service, NEC
MPA	Public Multi-Purpose Service, D&A Service
MPR	Public Residential Aged Care Facility within MP' = 'S
N	Private Residential Aged Care Facility (Nursing Home)
NGA	Non-Govt Organisations, D&A Service
NGO	Non-Government Organisations, NEC
NUC	Nuclear Medicine unit
O	Other Type of Facility, Not Elsewhere Classified
OBS	Obsolete Facility of Former Area Structure
OVS	Overseas Health Authority or Health Service Provider
P	Private hospital, Admitting Entity
PAM	Private Sector, Ambulatory Care Facility, NEC
PCH	Private Community Health Service
PDA	Private Hospital, Drug & Alcohol Service
PHA	Pharmacy
POU	Private Hospital, Outpatient Department or Unit

Code	Description
Q	Community Health Centre, NFD as Public or Private
R	Public Residential Aged Care Facility (Nursing Home)
REH	Community Health Centre, Rehabilitation Service
RFD	Royal Flying Doctor Service
S	Mental Health, Public Psychiatric hospital
SDA	Mental Health, Public Psychiatric Hospital D&A Unit
SSS	NSW State-Wide or Shared Service
SVU	Service Unit, NFD
SWD	Mental Health, Public Psychiatric Hospital Admitting Ward or Unit
T	Inter State / Territory Health Authority
TLC	Community Health Transitional Living Unit
TLH	Public Hospital, Brain Injury Transitional Living Unit
U	Material Business Units (DOHRS Financial)
V	Capital Works Business Units
W	Community Residential Care Facility, NFD
X	NSW Public Health Units
XXX	Unallocated Facility Type (To be Determined)
Y	Justice Health, Correctional Centre
Z	Private Sleep Disorder Centre, Admitting Entity

### Codes: Financial Class

Code	Description
12	Department of Veterans Affairs Claim - General Overnight
23	Department of Veterans Affairs Claim - Same Day Band 2
24	Department of Veterans Affairs Claim - Same Day Band 3
25	Department of Veterans Affairs Claim - Same Day Band 4
32	Department of Veterans Affairs Claim - Nursing Home Type
56	Department of Veterans Affairs Claim - Same Day Band 1a
57	Department of Veterans Affairs Claim - Same Day Band 1b
58	Department of Veterans Affairs Claim - Same Day Band 1c
AC	Residential Aged Care - General - Shared Ward
AD	Residential Aged Care - Department of Veterans Affairs
AO	Residential Aged Care - Other Compensable
AS	Residential Aged Care - General - Single Room
AT	Residential Aged Care - Transcover Compensation
AV	Residential Aged Care - NSW Motor Accident Authority Compensation
AW	Residential Aged Care - Workers Compensation
BD	Brain Dead Organ Donor - Procurement

Code	Description
BO	Boarder (Other than Self Contained Unit)
BS	Boarder (Self Contained Unit)
C1	Other Compensable - Critical - Same Day
C2	Other Compensable - Non-Critical - Same Day
C3	Other Compensable - Critical - Overnight
C4	Other Compensable - Non-Critical - Overnight
CU	Resident - Confused & Disturbed Elderly (CADE) Bed/Unit
DC	Deferred Classification
DO	Organ Donor - Overseas Visitor
E2	Medicare Card Holder - Elected Doctor - General - Same Day Band 2
E3	Medicare Card Holder - Elected Doctor - General - Same Day Band 3
E4	Medicare Card Holder - Elected Doctor - General - Same Day Band 4
EA	Medicare Card Holder - Elected Doctor - General - Same Day Band 1a
EB	Medicare Card Holder - Elected Doctor - General - Same Day Band 1b
EC	Medicare Card Holder - Elected Doctor - General - Same Day Band 1c
EN	Medicare Card Holder - Elected Doctor - Nursing Home Type - Shared Ward Election
ER	Medicare Card Holder - Elected Doctor - Nursing Home Type - Single Room Election
ES	Medicare Card Holder - Elected Doctor - General - Single Room Election
EW	Medicare Card Holder - Elected Doctor - General - Overnight - Shared Ward Election
HO	Resident - Hostel
M2	Medicare Card Holder - Hospital Doctor - General - Same Day Band 2
M3	Medicare Card Holder - Hospital Doctor - General - Same Day Band 3
M4	Medicare Card Holder - Hospital Doctor - General - Same Day Band 4
MA	Medicare Card Holder - Hospital Doctor - General - Same Day Band 1a
MB	Medicare Card Holder - Hospital Doctor - General - Same Day Band 1b
MC	Medicare Card Holder - Hospital Doctor - General - Same Day Band 1c
MN	Medicare Card Holder - Hospital Doctor - Nursing Home Type - Shared Ward Election
MW	Medicare Card Holder - Hospital Doctor - General - Overnight - Shared Ward Election
ND	Overseas Visitor - Norfolk Island - Same Day
NO	Overseas Visitor - Norfolk Island - Overnight
OA	Overseas Visitor - Asylum Seeker - Overnight
OD	Overseas Visitor - Other - Same Day
OO	Overseas Visitor - Other - Overnight
OS	Overseas Visitor - Asylum Seeker - Same Day
PD	Prisoner - Hospital Doctor - Same Day
PO	Prisoner - Hospital Doctor - Overnight
R2	Overseas Visitor - Reciprocal - Hospital Doctor - Same Day Band 2

Code	Description
R3	Overseas Visitor - Reciprocal - Hospital Doctor - Same Day Band 3
R4	Overseas Visitor - Reciprocal - Hospital Doctor - Same Day Band 4
RA	Overseas Visitor - Reciprocal - Hospital Doctor - Same Day Band 1a
RB	Overseas Visitor - Reciprocal - Hospital Doctor - Same Day Band 1b
RC	Overseas Visitor - Reciprocal - Hospital Doctor - Same Day Band 1c
RN	Overseas Visitor - Reciprocal - Hospital Doctor - Nursing Home Type
RP	Drug Trial / Research Patient
RW	Overseas Visitor - Reciprocal - Hospital Doctor - General - Overnight
S1	Psychiatric Hospital - Interstate Resident - Same Day
S2	Psychiatric Hospital - Interstate Resident - Overnight
S3	Psychiatric Hospital - Overseas Visitor - Same Day
S4	Psychiatric Hospital - Overseas Visitor - Overnight
SD	Psychiatric Hospital - NSW Resident - Same Day
SO	Psychiatric Hospital - NSW Resident - Overnight
T1	TransCover Compensation - Critical - Same Day
T2	TransCover Compensation - Non-Critical - Same Day
T3	TransCover Compensation - Critical - Overnight
T4	TransCover Compensation - Non-Critical - Overnight
TD	Overseas Visitor - Tuberculosis - Hospital Doctor - Same Day
TO	Overseas Visitor - Tuberculosis - Hospital Doctor - Overnight - Shared Ward Election
U1	Medicare Card Holder - Unqualified Newborn of Public Patient - Same Day
U2	Medicare Card Holder - Unqualified Newborn of Public Patient - Overnight
U3	Medicare Card Holder - Unqualified Newborn of Private Patient - Same Day
U4	Medicare Card Holder - Unqualified Newborn of Private Patient - Overnight
U5	Overseas Visitor - Reciprocal - Unqualified Newborn - Same Day
U6	Overseas Visitor - Reciprocal - Unqualified Newborn - Overnight
U7	Overseas Visitor - Other - Unqualified Newborn - Same Day
U8	Overseas Visitor - Other - Unqualified Newborn - Overnight
V1	NSW Motor Accident Authority Compensation - Critical - Same Day
V2	NSW Motor Accident Authority Compensation - Non-Critical - Same Day
V3	NSW Motor Accident Authority Compensation - Critical - Overnight
V4	NSW Motor Accident Authority Compensation - Non-Critical - Overnight
VD	Overseas Visitor - Victim of Crime - Hospital Doctor - Same Day
VO	Overseas Visitor - Victim of Crime - Hospital Doctor - Overnight - Shared Ward Election
W1	Workers Compensation - Critical Care - Same Day
W2	Workers Compensation - Non-Critical Care - Same Day
W3	Workers Compensation - Critical Care - Overnight

Code	Description
W4	Workers Compensation - Non-Critical Care - Overnight
OTHER	Invalid Data

### Codes: Unit Type on Admission

Code	Description	Type	Sub category
01	General-Mixed	Admitted patient	Overnight
02	Rehabilitation	Admitted patient	Overnight
03	Palliative	Admitted patient	Overnight
04	Psychiatric Acute Care	Admitted patient	Designated psychiatric
05	Psychiatric Rehabilitation	Admitted patient	Designated psychiatric
06	Psychiatric Secure	Admitted patient	Designated psychiatric
07	Drug and Alcohol	Admitted patient	Overnight
08	Brain Injury Rehabilitation	Admitted patient	Overnight
12	Psychiatric Intensive Care	Admitted patient	Designated psychiatric
13	Post Natal Depression	Admitted patient	Designated psychiatric
15	General Intensive Care	Admitted patient	Overnight
16	Neonate Special Care Nursery	Admitted patient	Overnight
17	Emergency Department - Level 4 and Above	Admitted patient	Virtual
18	Mother Craft	Admitted patient	Overnight
20	Psychiatric Extended Care	Admitted patient	Designated psychiatric
21	Neuro-Psychiatry	Admitted patient	Designated psychiatric
22	Dual Diagnosis	Admitted patient	Designated psychiatric
24	Confused and Disturbed Elderly (CADE): Psychiatric Not used after 20170701	Admitted patient	Designated psychiatric
25	Hospital in the Home - General	Admitted patient	Virtual
26	Hospital in the Home - Drug and Alcohol	Admitted patient	Virtual
28	Hospital in the Home - Mental Health NOT CURRENTLY IN USE	Admitted patient	Virtual
29	Collaborative Care Service Provider - General	Admitted patient	Virtual
30	Collaborative Care Service Provider - Drug and Alcohol	Admitted patient	Virtual
32	Collaborative Care Service Provider - Mental Health	Admitted patient	Virtual
33	Coronary Care	Admitted patient	Overnight
34	High Dependency Care	Admitted patient	Overnight
37	Neonatal Intensive Care	Admitted patient	Overnight
38	Transplant	Admitted patient	State-wide specialist units
39	Same Day Renal Dialysis	Admitted patient	Same day

Code	Description	Type	Sub category
40	Specialist Spinal Injury	Admitted patient	State-wide specialist units
41	Severe Burns	Admitted patient	State-wide specialist units
42	Dental Service	Admitted patient	State-wide specialist units
43	Paediatric	Admitted patient	Overnight
46	Medical	Admitted patient	Overnight
47	Surgical	Admitted patient	Overnight
48	Medical Oncology	Admitted patient	Overnight
49	Obstetrics	Admitted patient	Overnight
50	Psychiatric Medium Secure NOT CURRENTLY IN USE	Admitted patient	Designated psychiatric
53	Brain Injury Transitional Living	Admitted patient	Overnight
58	Emergency Department - Level 1 and 2	Admitted patient	Virtual
59	Emergency Medical	Admitted patient	Overnight
60	Bassinet	Other	
61	Detoxification	Admitted patient	Overnight
62	CAMHS Supported Paediatric	Admitted patient	Designated psychiatric
63	CAMHS Supported Psychiatric	Admitted patient	Designated psychiatric
64	CAMHS Acute	Admitted patient	Designated psychiatric
65	CAMHS Non-Acute	Admitted patient	Designated psychiatric
66	Delivery Suite	Other	
67	Operating Theatre/Recovery	Other	
68	Mobile Service	Admitted patient	Same day
69	Stroke	Admitted patient	Overnight
71	Same Day Chemotherapy	Admitted patient	Same day
72	Sleep Disorder (<24 hour care)	Admitted patient	Same day
73	Same Day Mental Health	Admitted patient	Same day
74	Same Day Drug and Alcohol	Admitted patient	Same day
75	Same Day Not Elsewhere Classified	Admitted patient	Same day
76	Transit Lounge	Other	
79	Gynaecology	Admitted patient	Overnight
80	Same Day Medical	Admitted patient	Same day
81	Same Day Surgical	Admitted patient	Same day
82	Extended Short Stay Surgical (<24 hrs)	Admitted patient	Same day
85	Psychiatric Emergency	Admitted patient	Designated psychiatric
87	Medical Assessment Unit	Admitted patient	Overnight

## Codes: Local Health District (LHD)

Code	Description
X700	Sydney LHD
X710	South Western Sydney LHD
X720	South Eastern Sydney LHD
X730	Illawarra Shoalhaven LHD
X740	Western Sydney LHD
X750	Nepean Blue Mountains LHD
X760	Northern Sydney LHD
X770	Central Coast LHD
X800	Hunter New England LHD
X810	Northern NSW LHD
X820	Mid North Coast LHD
X830	Southern NSW LHD
X840	Murrumbidgee LHD
X850	Western NSW LHD
X860	Far West LHD
X630	Sydney Children's Hospitals Network
X690	St Vincent's Health Network
X180	Forensic Mental Health Network
X170	Justice Health
X910	NSW not further specified
X920	Victoria
X921	Albury (Victoria in-reach)
X930	Queensland
X940	South Australia
X950	Western Australia
X960	Tasmania
X970	Northern Territory
X980	Australian Capital Territory
X990	Other Australian Territories
X997	Overseas Locality
X998	No Fixed Address
9999	Missing

## Codes: Indigenous Status

Code	Description
1	Aboriginal
2	Torres Strait Islander
3	Aboriginal and Torres Strait Islander origin
4	Neither Aboriginal nor Torres Strait Islander
5	Indigenous – not further specified
8	Declined to respond
9	Unknown

## Codes: Hospital Type / Source system

Code	Description
1	Public Hospital
2	Private Hospital (data prior to 2014-15)
4	Private Hospital (data from 2014-15)

## Codes: Age group

Code	Description
1	0 - 4 years
2	5 - 9 years
3	10 - 14 years
4	15 - 19 years
5	20 - 24 years
6	25 - 29 years
7	30 - 34 years
8	35 - 39 years
9	40 - 44 years
10	45 - 49 years
11	50 - 54 years
12	55 - 59 years
13	60 - 64 years
14	65 - 69 years
15	70 - 74 years
16	75 - 79 years
17	80 - 84 years
18	85+ years
19	Missing / invalid data

## Codes: Episode of Care Type

Code	Description
1	Acute Care
2	Rehabilitation Care
3	Palliative Care
4	Maintenance Care
5	Newborn Care
6	Other Care
7	Geriatric Evaluation and Management
8	Psychogeriatric Care
9	Organ Procurement - Posthumous
0	Hospital Boarder
M	Mental Health

## Codes: Mode of separation

Code	Description
0	Discharge on leave
1	Discharged by hospital
2	Discharged at own risk
3	Transferred to nursing home
4	Transferred to psychiatric hospital
5	Transferred to other hospital
6	Died (autopsy)
7	Died (no autopsy)
8	Transferred other accommodation
9	Type change separation
10	Discharge on leave
11	Transferred to palliative care unit/hospice

## Codes: Sex

Code	Description
1	Male
2	Female
3	Indeterminate/Intersex
4	Transgender
9	Not stated/inadequately described/unknown

## Codes: Peer group

See [NSW Hospital Peer groups 2016](#)

### Codes: State of usual residence

Code	Description
0	Overseas / No fixed address / Not stated
1	New South Wales
2	Victoria
3	Queensland
4	South Australia
5	Western Australia
6	Tasmania
7	Northern Territory
8	Australian Capital Territory
9	Other Territories

### Codes: Contract Status

Code	Description
0	Single Facility Admitted Patient Care
1	Contract Service Provided at this Facility
2	Not a Contract Service Provided at this Facility
3	Full Care Purchased from a Private Facility
4	Part Care Purchased from a Private Facility
5	Part Care Obtained from another Public Facility
7	Part Care Provided for another Public Facility
8	Part Care Provided for a Private Facility
R	Community Residential

### Codes: Emergency Status

Code	Description
1	Emergency
2	Non-Emergency/Planned
3	Urgency Not Assigned
4	Maternity/Newborn
5	Regular Same Day Planned Admissions

### Codes: ED Status

Code	Description
1	Entire episode within ED (for Level $\geq 3$ ) only
2	Episode includes ED (for Level $\geq 3$ ) and ward
3	Episode with no ED involvement
4	Entire episode within ED (for Level 1 or 2) only
5	Episode includes ED (for Level 1 or 2) and ward

Code	Description
9	Not assigned

### Codes: Referred to on Separation

Code	Description
01	Outpatients excluding Mental Health/Alcohol & Other Drugs Non-Inpatient Facility
02	Community Health excluding Mental Health/Alcohol & Other Drugs Non-Inpatient Facility
03	District Nursing
04	Medical Practitioner other than Psychiatric
05	Group Home
06	Palliative Care
07	Other
08	Not Referred
09	Not Known
10	Private Psychiatric Practice
11	Mental Health/Alcohol and Other Drugs Inpatient Facility
12	Mental Health/Alcohol and Other Drugs Non-Inpatient Facility
13	Community Treatment Order

### Codes: Source of Referral

Code	Description
00	Born in Hospital
01	Emergency Department
02	Community Health
03	Outpatients
04	Hospital in same Health Service
05	Other Hospital/Day Procedure Centre
06	Nursing Home/ Residential Aged Care Facility
07	Medical Practitioner other than Private Psychiatric Practice
08	Other Agency
09	Type Change Admission
10	Private Psychiatric Practice
11	Law Enforcement Agency
12	Mental Health Crisis Team
13	Relative
14	Self
15	Unknown
16	Collaborative Care Facility

## Codes: Major Diagnostic Category

Code	Description
1	Nervous System
2	Eye
3	Ear, Nose and Throat
4	Respiratory System
5	Circulatory System
6	Digestive System
7	Hepatobiliary System and Pancreas
8	Musculoskeletal System and Connective Tissues
9	Skin, Subcutaneous Tissue and Breast
10	Endocrine, Nutritional and Metabolic
11	Kidney and Urinary Tract
12	Male Reproductive System
13	Female Reproductive System
14	Pregnancy, Childbirth and the Puerperium
15	Newborns/Neonates with conditions originating in perinatal period
16	Blood & Blood Forming Organs & Immunity
17	Myeloproliferative Disorders & Poorly Differentiated Neoplasms
18	Infectious and Parasitic Diseases
19	Mental Diseases and Disorders
20	Substance Use & Substance Induced Organic Mental Disorders
21	Injury, Poisoning and Toxic Effects of Drugs
22	Burns
23	Factors Influencing Health Status & Other Contacts with Health Services
OTHER	Invalid Data

## Codes: Service Related Groups

Code	Description
11	Cardiology
12	Interventional Cardiology
13	Dermatology
14	Endocrinology
15	Gastroenterology
16	Diagnostic GI Endoscopy
17	Haematology
18	Immunology & Infections
19	Medical Oncology
20	Chemotherapy

Code	Description
21	Neurology
22	Renal Medicine
23	Renal Dialysis
24	Respiratory Medicine
25	Rheumatology
26	Pain Management
27	Non Subspecialty Medicine
41	Breast Surgery
42	Cardiothoracic Surgery
43	Colorectal Surgery
44	Upper GIT Surgery
45	Head & Neck Surgery
46	Neurosurgery
47	Dentistry
48	Ear, Nose & Throat
49	Orthopaedics
50	Ophthalmology
51	Plastic & Reconstructive Surgery
52	Urology
53	Vascular Surgery
54	Non Subspecialty Surgery
61	Transplantation
62	Extensive Burns
63	Tracheostomy
71	Gynaecology
72	Obstetrics
73	Qualified Neonate
74	Unqualified Neonate
75	Perinatology
81	Drug & Alcohol
82	Psychiatry - Acute
83	Psychiatry - Non Acute
84	Rehabilitation
85	Non Acute Geriatric
86	Palliative Care
87	Maintenance
99	Unallocated

## Codes: Condition Onset

Code	Description
1	Condition with onset during the episode of care
2	Condition not noted as arising during the episode of care
9	Not reported

## Codes: Health Insurance on Admission

Code	Description
0	No cover – private patient
1	Full cover – private patient
2	Basic cover – private patient
3	No cover
4	Ancillary cover only – private patient
5	No cover – public patient
6	Full cover – public patient
7	Basic cover – public patient
8	Ancillary cover only – public patient
9	Unknown/Not stated
Other	invalid data

## Codes: Payment Status on Separation

Code	Description
	Missing
20	Public Patient - General and Psychiatric
21	Public Patient - Nursing Home Type with current NH5
22	Public Patient - Nursing Home Type without current NH5
23	Public Patient - Overseas Eligible
24	Public Patient - Other Eligible
25	Public Patient - Contract (Private Facilities Only)
30	Private Patient - General and Psychiatric (Private Facilities Only)
31	Private Patient - Same Day Band 1
32	Private Patient - Same Day Band 2
33	Private Patient - Same Day Band 3
34	Private Patient - Same Day Band 4
35	Private Patient - Overnight Shared Ward
36	Private Patient - Overnight Single Room
37	Private Patient - Nursing Home Type
38	Private Patient - Overseas Eligible
39	Private Patient - Other Eligible

Code	Description
40	Compensable - NSW Workers Compensation
41	Compensable - NSW Motor Vehicle Accident
42	Compensable - Other
45	Unqualified Newborn of Public Patient
46	Unqualified Newborn of Private Patient
50	Veterans Affairs - General
51	Veterans Affairs - Residential Aged Care
52	Residential Aged Care - Other
55	Defence Force
60	Other Ineligible

### Codes: Financial Program

Code	Description
2	Primary & Community Based Services
4	Emergency Services
5	Acute Services
8	Mental Health Services
9	Rehabilitation & Extended Care

### Codes: Financial Sub-program

Code	Description
B	Child & Adolescent Care
C	General & Adult Care
D	Older People Psychiatric Care
E	Forensic Psychiatric Care

### Codes: Marital Status

Code	Description
0	Missing
1	Married (including de facto)
2	Never married
3	Widowed
4	Divorced
5	Separated
6	Unknown
8	Declined to respond

