# Background

**NSW Emergency Department Data Collection**

NSW Ministry of Health

The primary purpose of collecting Emergency Department data in NSW to monitor patient presentations to, and the activity undertaken in, the Emergency Departments (EDs) of public hospitals and in scope contracted private hospitals in NSW.

Each record in the collection represents a presentation to an emergency department. An Emergency Presentation is where a person presents to the Emergency Department for emergency care and treatment. This includes patients that are transferred from another unit or ward within the facility or another facility's Emergency Department for treatment within the ED. Presentations to an Emergency Department include, but are not limited to, patients who:

Register to be seen for an ED service but did not wait for the service to be delivered

Are triaged and advised to seek alternate services, and then depart the ED

Are dead on arrival if an ED clinician certifies the death

Are provided with clinical assessment and advice via telehealth. Such services must be identified as being provided via telehealth

A patient treated in the ED who is subsequently admitted to the hospital will require the reporting of an ED presentation to the EDDC and an admitted patient record reported to the Admitted Patient Data Collection. All patients remain in-scope for this collection until they are recorded as having physically departed the emergency department

# Considerations for using EDDC in linkage studies

## Record linkage and data availability

ED data is only available from January 2005 onwards.

EDDC records are made available for linkage quarterly

The EDDC has substantial limitations. These limitations must be considered when planning a study using ED data, and in particular, when interpreting and presenting the data.

## Limitations of EDDC for linkage studies

### Ed Coverage

The EDDC commenced in 1994, but was only organised into a formal data collection from July 1996.

The number of hospitals participating in the EDDC has increased over time from approximately 52 in 1996-97 to 184 in 2016-17. The number of hospitals participating has been lower in rural Local Health Districts.

The larger EDs participate in the EDDC so a substantial proportion of the NSW population is covered, however this varies over time. To determine the proportion of total NSW ED visits captured by the NSW EDDC, use the number of ED presentations reported in the NSW Department of Health Annual Report as a denominator, as this is an independent source of information collected on all hospitals.

Only public hospital EDs are available for record linkage

### Diagnosis coding

The NSW Admitted Patient Data Collection has diagnoses coded by trained clinical information managers who choose diagnoses from the Australian clinical version of the International Classification of Diseases (ICD). The EDDC, on the other hand, has diagnoses recorded by medical, nursing or clerical personnel at the point of care. These personnel are not trained in clinical coding. The diagnoses are selected by keyword searching or tables of a limited set of diagnoses. The codes are assigned to the chosen diagnosis using tables built into the computer database program.

Other points to note are:

There are several different computer programs used in NSW EDs. Different programs use different classifications to record the diagnosis, including ICD-9-CM (Clinical Modification), ICD-10-AM (Australian Modification), or SNOMED CT (see <https://www.healthterminologies.gov.au/>) If you intend on analysing ED diagnoses, you need to determine the codes from each of these classifications that relate to the disease or symptom grouping to be studied.

Variation in computer programs and management practices at EDs may lead to variation in diagnosis coding practices. Some disease categories are not available in some programs but may be in others.

A small number of hospitals have had limited completeness of diagnosis entry over some periods of time.

You should carefully select which EDs to include in the analysis based on how long the ED has participated in the EDDC and specific diagnosis code and completeness factors.

Symptoms can be, and often are, selected as diagnoses.

Diagnoses can be very specific or very broad. For example, someone with the same symptoms might be assigned a diagnosis of "influenza" or "viral infection".

### Other limitations

The other main source of primary care in Australia is general practice services. Because of variability in GP service availability, limited consultation hours and variation in bulk billing practices, ED activity may be very sensitive to availability of GP services.

Emergency Departments have different visit types, the most common being an "Emergency Visit". The data field “Type of visit” records this, however the accuracy of this field is uncertain. Since 2007, the gradual rollout of new ED patient management software in most NSW hospitals may have led to a change in the accuracy of this field over time.

Introduction of the new ED patient management software may have led to an unpredictable change in the accuracy of the "mode of separation" field over time at some hospitals. This field records the departure status of the patient, such as "Departed following treatment", or "Admitted to a critical care ward". Some problems with this field were not identified until well after introduction of the software, and may have taken some time to correct.

## Geographical boundaries

Census year geographical boundaries, based on the patient 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.

# 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 (eg. 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 (eg. 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).

# Data custodian

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

All questions relating to this dataset should be directed to:

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# Variable information

| Variable | Description/Notes | Name[s] in dataset | Codes |
| --- | --- | --- | --- |
| Facility type | The category of the facility through which the health service is delivered. | facility\_type | See Codes: Facility type |
| Peer group | Facility peer grouping (Public Hospitals only) For more information please see: <https://www1.health.nsw.gov.au/pds/Pages/doc.aspx?dn=IB2016_013>  | peer\_group | See Codes: Peer group |
| Local Health District of Facility |  | area\_identifier | See Codes: Local Heath District (LHD) |
| Facility identifier | The specific establisment where the presentation occured. Where rnformation on specific facilities is required, specify by name. | facility\_identifier | Code lists are updated regularly. |
| Arrival date | Date at which the person presents for the service | arrival\_date |  |
| Actual departure date | For the admitted patient this refers to the date the person is either 1) transferred to a ward or other unit or 2) leaves the ED for transfer to another unit. For non-admitted patients this refers to the date at which the assessment and initial treatment is completed and/or they physically leave the department. | actual\_departure\_date |  |
| Triage category | Triage is the process used to classify patients according to the urgency of their needs for medical and nursing care  | triage\_category | See Codes: Triage category |
| Referral source | Source from which the person was referred to this service | ed\_source\_of\_referral | See Codes: Referral source |
| Mode of arrival | Mode of transport by which the person arrives | arrival\_mode | See Codes: Mode of arrival |
| Mode of separation | The status of the person at separation from the Emergency Department | mode\_of\_separation | See Codes: Mode of separation |
| Referred to on departure | Referred to at the end of the Emergency Department Contact. | referred\_to\_on\_departure\_recode | See Codes: Referred to on departure |
| Clinical codeset | An identifier to identify the classification scheme a principal diagnosis has been mapped to.  | clinical\_codeset | ICD10AM; ICD10V8; ICD9CM; SNOMEDCT |
| Principal ED Diagnosis | The diagnosis or condition established after assessment to be responsible for the person presenting to the Emergency Department. If the person is admitted as an inpatient it is the equivalent of the admission diagnosis.For Cerner FirstNet sites, this variable is captured as “Discharge Diagnosis”. For EDIS and iPM sites it is known as “Principal Diagnosis” | ed\_diagnosis\_sct, ed\_diagnosis\_code | Cerner FirstNet sites – SNOMED CT EDIS, iPM and Health-e-care – ICD9 and ICD10 |
| Sex | The biological sex of the patient. | sex | See Codes: Sex |
| Birth date | Full date of birth will only be supplied if sufficient justification is supplied that age is insufficient. Year and month may be provided | birth\_date |  |
| Country of birth |  | country\_of\_birth | [SACC 2016](https://www.abs.gov.au/ausstats/abs%40.nsf/mf/1269.0)  |
| Marital status | The marital status of the patient at time of presentation | marital\_status\_nhdd |  |
| 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 |  |
| Need for interpreter service | Need for interpreter services as perceived by the person. Whether or not an interpreter is actually provided is not relevant. | need\_interpreter\_service | ' ' = Interpreter not needed; ‘Y’ = Interpreter needed |
| Preferred language | The language (including sign language) most preferred by the person for communication | preferred\_language\_ascl | See Codes: Preferred language |
| State of residence | Indicates the Australian state of residence for the patient. | state\_of\_recidence\_recode | See Codes: State of Residence |
| LHD of residence | Local Health District of residence (2010 boundaries) | LHD\_2010\_code | See Codes: Local Heath District (LHD) |
| Primary Health Network 2015 | Primary Health Network 2015 | PHN\_2015\_Code | [PHN Boundaries](https://www1.health.gov.au/internet/main/publishing.nsf/Content/PHN-Boundaries) |
| Australian Statistical Geography Classification (ASGC) 2001 Boundaries | Statistical Local Area 2001 | SLA\_2001\_code | [ASGC 2001](https://www.abs.gov.au/AUSSTATS/abs%40.nsf/Lookup/1216.0Main%2BFeatures12001) |
| Local Government Area 2001 | LGA\_2001\_code |
| ASGC 2006 Boundaries | 2006 Statistical Local Area 2006 | SLA\_2006\_code | [ASGC 2006](https://www.abs.gov.au/AUSSTATS/abs%40.nsf/Lookup/1216.0Main%2BFeatures1Jul%202006) |
| Local Government Area 2006 | LGA\_2006\_code |
| ASGC 2011 Boundaries | Statistical Local Area 2011 | SLA\_2011\_code | [ASGC 2011](https://www.abs.gov.au/ausstats/abs%40.nsf/PrimaryMainFeatures/1216.0.15.001?OpenDocument) |
| Australian Statistical Geography Standard (ASGS) 2011 Boundaries | ASGS 2011 Statistical Area Level 2 | SA2\_2011\_code | [ASGS 2011](https://www.abs.gov.au/AUSSTATS/abs%40.nsf/Lookup/1270.0.55.001Main%2BFeatures1July%20201) |
| ASGS 2011 Statistical Area Level 3 | SA3\_2011\_code |
| Local Government Area 2011 | LGA\_2011\_code |

# Appendix – 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 |
| 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 |
| 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: Compensable status

|  |  |
| --- | --- |
| Code | Description |
| 1 | Non-compensable |
| 2 | WorkCover |
| 3 | Motor Accident Act |
| 4 | Transcover |
| 5 | Other Compensable |
| 6 | Medicare Ineligible/Overseas Visitor |
| 7 | Department of Veteran's Affairs |
| 8 | Defence Force personnel |
| 9 | Eligible Overseas Visitor |

## Codes: Referral source

|  |  |
| --- | --- |
| Code | Description |
| 1 | Self, family, friends |
| 2 | Specialist |
| 3 | Outpatient clinic |
| 4 | General Medical Practitioner or Dentist (not hospital based) |
| 5 | Residential Aged Care facility |
| 6 | Other hospital in Area Health Service |
| 7 | Other hospital outside Area Health Service |
| 8 | Other hospital outside NSW |
| 9 | Mental health |
| 10 | Department of Community Services |
| 11 | Other Community Service, other than Health |
| 12 | Prison or Justice Health |
| 14 | Occupational Health |
| 15 | Other health service |
| 16 | Community Health Service |
| 17 | After hours or co-located service |
| 18 | Hostel/group home |
| 19 | Employer |
| 99 | Other |

## Codes: ED visit type

|  |  |
| --- | --- |
| Code | Description |
| 01 | Emergency presentation |
| 02 | Return visit - planned |
| 03 | Unplanned return visit for continuing condition |
| 04 | Outpatient clinic |
| 05 | Privately referred, non-admitted person |
| 06 | Pre-arranged admission: without ED workup |
| 08 | Pre-arranged admission: with ED workup |
| 09 | Person in transit |
| 10 | Dead on arrival |
| 11 | Disaster |

## Codes: Local Heath 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: Marital Status (NHDD)

|  |  |
| --- | --- |
| Code | Description |
| 1 |  Never married |
| 2 |  Widowed |
| 3 |  Divorced |
| 4 |  Separated |
| 5 |  Married (including de facto) |
| 6 |  Not stated/inadequately described |

## 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: Mode of arrival

|  |  |
| --- | --- |
| Code | Description |
| 1 | State Ambulance vehicle |
| 2 | Community/public transport |
| 3 | Private vehicle |
| 4 | Helicopter Rescue Service |
| 5 | Air Ambulance Service |
| 6 | Internal ambulance/transport |
| 7 | Police/Correctional Services vehicle |
| 8 | Other, e.g. undertakers/contractors |
| 9 | No transport (walked in) |
| 10 | Retrieval |
| 11 | Internal bed/wheelchair |

## Codes: Mode of separation

|  |  |
| --- | --- |
| Code | Description |
| 1 | Admitted: To ward/inpatient unit, not a critical care ward |
| 2 | Admitted and discharged as inpatient within ED |
| 3 | Admitted: Died in ED |
| 4 | Departed: Treatment completed |
| 5 | Departed: Transferred to another hospital without first being admitted to the hospital transferred from |
| 6 | Departed: Did not wait |
| 7 | Departed: Left at own risk |
| 8 | Dead on arrival |
| 9 | Departed: For other clinical service location |
| 10 | Admitted: To critical care ward (including HDU/CCU/NICU) |
| 11 | Admitted: Via operating suite |
| 12 | Admitted: Transferred to another hospital |
| 13 | Admitted: Left at own risk |
| 99 | Registered in error  |

## Codes: Sex

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

## Codes: Peer group

* NSW Hospital Peer groups 2016

|  |  |
| --- | --- |
| Code | Description |
| A1 | Principal Referral |
| A2 | Paediatric Specialist |
| A3 | Ungrouped Acute - tertiary referral |
| B1 | Major Hospitals Group 1 |
| B2 | Major Hospitals Group 2 |
| C1 | District Group 1 |
| C2 | District Group 2 |
| D1a | Community with Surgery |
| D1b | Community without Surgery |
| E | Ungrouped Acute - Other |
| F1 | Psychiatric |
| F2 | Nursing Home |
| F3 | Multi-Purpose Service |
| F4 | Sub Acute |
| F5 | Palliative Care |
| F6 | Rehabilitation |
| F7 | Mothercraft |
| F8 | Other ungrouped |
| F9 | Dialysis services |

## Codes: State of usual residence

|  |  |
| --- | --- |
| Code | Description |
| AAT | Australian Antarctic Territory  |
| ACT | Australian Capital Territory  |
| NS  | Not Stated / Inadequately described  |
| NSW | New South Wales  |
| NT | Northern Territory  |
| OS | Overseas  |
| OT | Other Territories  |
| QLD | Queensland  |
| SA | South Australia  |
| TAS | Tasmania  |
| VIC | Victoria  |
| WA | Western Australia |

## Codes: Triage category

|  |  |
| --- | --- |
| Code | Description |
| 1 |  Resuscitation |
| 2 |  Emergency |
| 3 |  Urgent |
| 4 |  Semi urgent |
| 5 |  Non urgent |
| U |  Any or none |

## Codes: Referred to on departure

|  |  |
| --- | --- |
| Code | Description |
| 01 | Review in ED - Scheduled |
| 02 | Review in ED - As required' |
| 03 | Community Health (excluding Mental Health/Alcohol & Drugs) |
| 04 | Home Nursing |
| 05 | General Practitioner/LMO' |
| 06 | Outpatient Clinic' |
| 07 | Other' |
| 08 | Not referred' |
| 09 | Not known' |
| 10 | Specialist' |
| 11 | Mental Health, Alcohol and Other Drugs Inpatient Facility' |
| 12 | Mental Health, Alcohol and Other Drugs Non-Inpatient Facility |

## Codes: Preferred language

| Code | Description |
| --- | --- |
| 0000 | Not Elsewhere Classified |
| 0001 | Non Verbal, so described  |
| 0002 | Unknown, not stated  |
| 1101 | Gaelic  |
| 1102 | Irish  |
| 1103 | Welsh  |
| 1199 | Celtic, NEC |
| 1201 | English  |
| 1301 | German  |
| 1302 | Letzeburgish  |
| 1303 | Yiddish  |
| 1401 | Netherlandic  |
| 1402 | Frisian  |
| 1501 | Danish  |
| 1502 | Icelandic  |
| 1503 | Norwegian  |
| 1504 | Swedish  |
| 1599 | Scandinavian, nec  |
| 2101 | French  |
| 2201 | Greek  |
| 2301 | Catalan  |
| 2302 | Portugese  |
| 2303 | Spanish  |
| 2399 | Iberian Romance, nec  |
| 2401 | Italian  |
| 2501 | Maltese  |
| 2901 | Basque  |
| 2902 | Latin  |
| 2999 | Other Southern European Languages, nec  |
| 3101 | Latvian  |
| 3102 | Lithuanian  |
| 3201 | Estonian  |
| 3202 | Finnish  |
| 3299 | Finnic, nec  |
| 3301 | Hungarian  |
| 3401 | Belorussian  |
| 3402 | Russian  |
| 3403 | Ukranian  |
| 3501 | Bosnian  |
| 3502 | Bulgarian  |
| 3503 | Croatian  |
| 3504 | Macedonian  |
| 3505 | Serbian  |
| 3506 | Slovene  |
| 3601 | Czech  |
| 3602 | Polish  |
| 3603 | Slovak  |
| 3901 | Albanian  |
| 3902 | Armenian  |
| 3903 | Aromunian  |
| 3904 | Romanian  |
| 3999 | Other Eastern European Languages, nec  |
| 4101 |  Kurdish  |
| 4102 | Pashto  |
| 4103 |  Persian  |
| 4199 |  Iranic, nec  |
| 4201 |  Amharic  |
| 4202 |  Arabic  |
| 4203 |  Assyrian  |
| 4204 |  Hebrew  |
| 4205 |  Tigrinya  |
| 4299 |  Middle Eastern and North African Languages, nec  |
| 4301 |  Turkish  |
| 4399 |  Turkish and Central Asian Languages, nec  |
| 5101 |  Kannada  |
| 5102 |  alayalam  |
| 5103 |  Tamil  |
| 5104 |  Telugu  |
| 5199 |  Dravidian, nec  |
| 5201 |  Bengali  |
| 5202 |  Gujarati  |
| 5203 |  Hindi  |
| 5204 |  Konkani  |
| 5205 | Marathi  |
| 5206 | Nepali  |
| 5207 | Punjabi  |
| 5208 | Sindhi  |
| 5211 | Sinhalese  |
| 5212 | Urdu  |
| 5299 | Indo-Aryan, nec  |
| 6101 | Burmese  |
| 6199 | Burman, nec  |
| 6201 | Hmong  |
| 6299 | Hmong-Mien Languages, nec  |
| 6301 | Khmer  |
| 6302 | Vietnamese  |
| 6399 | Mon-Khmer, nec  |
| 6401 | Lao  |
| 6402 | Thai  |
| 6499 | Tai, nec  |
| 6501 | Bisaya  |
| 6502 | Cebuano  |
| 6503 | Ilokano  |
| 6504 | Indonesian  |
| 6505 | Malay  |
| 6506 | Tagalog (Filipino)  |
| 6507 | Tetum  |
| 6508 | Timorese  |
| 6599 | Western Austronesian Languages, nec  |
| 6999 | Other Southeast Asian Languages  |
| 7101 | Cantonese  |
| 7102 | Hakka  |
| 7103 | Hokkien  |
| 7104 | Mandarin  |
| 7105 | Teochew  |
| 7106 | Wu  |
| 7199 | Chinese, nec  |
| 7201 | Japanese  |
| 7301 | Korean  |
| 7999 | Other Eastern Asian Languages  |
| 8000 | Aboriginal dialect, nfd  |
| 8101 | Anindilyakwa  |
| 8102 | Burarra  |
| 8103 | Dhaangu  |
| 8104 | Dhayyi  |
| 8105 | Dhuwal-Dhuwala  |
| 8106 | Djinang  |
| 8107 | Karrwa  |
| 8108 | Kunwinjku  |
| 8111 | Maung  |
| 8112 | Murrinh-Patha  |
| 8113 | Ngangkikurungurr  |
| 8114 | Nunggubuyu  |
| 8115 | Rembarrnga  |
| 8116 | Ritharrngu  |
| 8117 | Tiwi  |
| 8118 | Yanyuwa  |
| 8199 | Northern Aboriginal, nec  |
| 8201 | Alyawarr  |
| 8202 | Anmatyerr  |
| 8203 | Arrernte  |
| 8204 | Bardi  |
| 8205 | Bunuba  |
| 8206 | Jaru  |
| 8207 | Kija  |
| 8208 | Kuurinji  |
| 8211 | Kukatha  |
| 8212 | Kukatja  |
| 8213 | Miriwoong  |
| 8214 | Mutpurra  |
| 8215 | Ngaatjatjara  |
| 8216 | Nyangumarta  |
| 8217 | Pintupi  |
| 8218 | Pitjantjatjara  |
| 8221 | Walmajarri  |
| 8222 | Warumungu  |
| 8223 | Warlpiri  |
| 24 | Yulparija  |
| 8225 | Yankunytjatjara  |
| 8299 | Central Aboriginal, nec  |
| 8301 | Gugu Yalanji  |
| 8302 | Guugu Yimidhirr  |
| 8303 | Kuuku-Yau  |
| 8304 | Wik-Mungkan  |
| 8399 | Cape York Peninsula Aboriginal, nec  |
| 8401 | Kalaw Lagaw Ya  |
| 8402 | Meryam Mir  |
| 8501 | Ngarluma  |
| 8502 | Nyungar  |
| 8503 | Yindjibarndi  |
| 8599 | West Coast Aboriginal, nec  |
| 8601 | Adnymathanha  |
| 8602 | Arabana  |
| 8699 | Eastern Aboriginal, nec  |
| 8701 | Kriol  |
| 8702 | Torres Strait Creole (Broken)  |
| 9101 | American Languages  |
| 9201 | Acholi  |
| 9202 | Afrikaans  |
| 9203 | Akan  |
| 9204 | Asante  |
| 9205 | Mauritian Creole  |
| 9206 | Oromo  |
| 9207 | Shona  |
| 9208 | Somali  |
| 9211 | Swahili  |
| 9212 | Yoruba  |
| 9213 | Zulu  |
| 9299 | African Languages (Excluding North Africa), nec  |
| 9301 | Fijian  |
| 9302 | Gilbertese  |
| 9303 | Maori (Cook Island)  |
| 9304 | Maori (New Zealand)  |
| 9305 | Motu  |
| 9306 | Nauruan  |
| 9307 | Niue  |
| 9308 | Samoan  |
| 9311 | Tongan  |
| 9399 | Oceanic Austronesian Languages, nec  |
| 9401 | Tok Pisin  |
| 9499 | Oceanian Pidgins and Creoles, nec  |
| 9501 | Papuan Languages  |
| 9601 | Invented Languages  |
| 9701 | Auslan  |
| 9702 | Makaton  |
| 9799 | Sign Languages, nec  |