ACT Notifiable Diseases Management System (NDMS)

# Dataset Information

| **Aspect** |  | **Comment** |
| --- | --- | --- |
| Dataset Description |  | Under the Public Health Act 1997, laboratories, hospitals, medical practitioners in the ACT must notify ACT Health of diagnoses of certain infectious diseases and conditions. These notifications are compiled into the Notifiable Diseases Management System which is held by the Communicable Disease Control Section at the Health Protection Service.  For a condition to be notified, a patient must seek medical help, be diagnosed with the condition, have the appropriate laboratory tests, and then the diagnosis must be reported to ACT Health.  Any requests for notifiable diseases data in the ACT must comply with the requirements of the data ACT Health Data Release Policy 2007. Please note that the release of notifiable diseases data is subject to data custodian approval, ethics approval (where required) and possibly other data caveats (such as limitations on the publication of small data sets). |
| Data Quality Statement | Scope & inclusions | Data from 1/1/2000 has been incorporated into the Master Linkage Key, therefore studies wishing to use NDMS data may request data from then onwards. Notifiable diseases are generally under-reported in the NDMS – this should be taken into consideration when reporting results of studies using these data. |
| Clinical systems | The data held in the CHeReL MLK currently covers all mandatory notifications held in the NDMS from January 2000 to 30 June 2022. Supply of this data was interrupted when the CDC implemented a new management system (WorldCare) to handle the notification and reporting of notifiable diseases in the ACT. The WorldCare data model is significantly more complicated but efforts have been made to harmonise data across the two systems to create a continuous dataset for research purposes. |
| Links & Resources | ACT notifiable diseases | https://www.act.gov.au/health/providing-health-care-in-the-act/treatment-and-clinical-information/reporting-notifiable-diseases |

# Variable Information

## Category: Demography

|  | **Column** | **Column Description** | **Datatype** | **Code** | **Code Description** |
| --- | --- | --- | --- | --- | --- |
| ◆ | ATSIStatus | Aboriginal and Torres Strait Islander status | INT | 1 | Indigenous - Aboriginal but not Torres Strait Islander |
| 2 | Indigenous - Torres Strait Islander but not aboriginal |
| 3 | Indigenous - Aboriginal and Torres Strait Islander |
| 4 | Not Aboriginal |
| 9 | Not Stated |
|  | AgeDays | Age in days where age in years is 0 | INT |  |  |
|  | AgeYrs | Age at onset, in years | INT |  |  |
| ▲ | DateofBirth | Date of birth | DATETIME |  |  |
|  | Sex | Sex | INT | 1 | Male |
| 2 | Female |
| 3 | Indeterminate |
| 9 | Unknown |
| ▲ | Degree of granularity subject to disclosure risk assessment |
| ◆ | Availability may be subject to AHMRC approval |

## Category: Presentation details

|  | **Column** | **Column Description** | **Datatype** | **Code** | **Code Description** |
| --- | --- | --- | --- | --- | --- |
|  | Condition | Notifiable condition | VARCHAR |  |  |
|  | Died | Died of condition | INT | 1 | Yes |
| 2 | No |
| 3 | Contributing factor |
| 9 | Unknown |
|  | Hospitalised | Hospitalised | INT | 1 | Yes |
| 2 | No |
| 9 | Unknown |
|  | OrganismSubtype | Organism subtype (derived) | VARCHAR |  |  |
|  | Outcome | Outcome follow this illness | INT | 1 | Survived |
| 2 | Died |
| 9 | Unknown |
|  | PregnancyStatus | Pregnancy status | INT | 1 | Yes |
| 2 | No |
| 9 | Unknown |
|  | SpecimenDate | Date of specimen collection (Earliest) | DATETIME |  |  |

## Category: Dates & times (events)

|  | **Column** | **Column Description** | **Datatype** | **Code** | **Code Description** |
| --- | --- | --- | --- | --- | --- |
| ▲ | NotificationDate | Date notification recorded on NDMS (auto-completed) | DATETIME |  |  |
| ▲ | Degree of granularity subject to disclosure risk assessment |

# General Enquiries

**Population Health Informatics**

Epidemiology Section

Data Analytics Branch

ACT Health Directorate

|  |  |
| --- | --- |
| **Email:**  | healthinfo@act.gov.au |
| **Linkage request submission portal:**  | <https://act-health.atlassian.net/servicedesk/customer/portal/20> |

# Acknowledgment of Country

We acknowledge the Ngunnawal people as traditional custodians of the ACT and recognise any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

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