



What is the NSW Human Services Dataset?

The Human Services Dataset is unprecedented in scale in NSW, bringing together data from across government. Records in the Human Services Dataset contain de-identified information from all NSW residents born on or after 1 January 1990 (the Primary Cohort) who have received at least one of the NSW services included in the dataset, and their relatives (i.e. family members, guardians and carers – the Secondary Cohort).

The Human Services Dataset provides a single longitudinal dataset of key NSW Government service use and outcomes. This effectively provides a cross-agency view of how families have interacted with government services over their lifetime.

Data Partners include:

- NSW Department of Communities and Justice, including the NSW Bureau of Crime Statistics and Research and Youth Justice NSW
- NSW Registry of Births, Deaths and Marriages
- Legal Aid NSW
- NSW Police Force
- NSW Ministry of Health
- NSW Department of Education
- NSW Education Standards Authority
- Revenue NSW.

Data in the Human Services Dataset are de-identified, meaning all records are anonymous, with names, addresses and any other identifying information removed to protect the privacy of NSW citizens. The data are linked by the Centre for Health Record Linkage (CHeReL) in NSW and stored securely with the NSW Data Analytics Centre.



For more information on the Human Services Dataset and other key resources, please visit [our website](#).



What are the benefits of the NSW Human Services Dataset?

The Human Services Dataset is a valuable asset for understanding more about vulnerable populations in NSW and for developing strategies to improve their life outcomes.

The Human Services Dataset is not a static resource and will be regularly updated with new data.

Providing access to the Human Services Dataset supports the DCJ Research Strategy's aim of enabling actionable research insights that improve policy, service delivery and client outcomes.



Who has access to the NSW Human Services Dataset?

The Human Services Dataset is available to researchers both inside and outside of government.

Access to the Human Services Dataset is controlled by the *Public Interest Direction* and *Health Public Interest Direction*, under which access is only granted to approved analysts and approved users (e.g. data administrators) specifically for approved purposes. The integrated data can only be accessed by approved analysts once personal information is removed.

The data are protected by laws and other measures that guard privacy, including a comprehensive framework of security controls and standards. These laws, controls and standards ensure that data are held securely.

For more information about accessing the Human Services Dataset for your projects, refer to the Access and User Guidelines. The document provides detail on the types of data available and the request and approval processes.

What does the NSW Human Services Dataset include?

The Human Services Dataset includes information about all individuals born on or after 1 January 1990 who have received a service from at least one of the NSW services included in the dataset, as well as their parents, other family members, guardians or carers. Data are available up to **30 June 2019**.

The Human Services Dataset provides comprehensive coverage of service streams, outcomes and life events including:



Child protection

- Concern reports
- Risk of Significant Harm (ROSH) reports
- Safety Assessment, Risk Assessment and Risk Reassessment (SARA)
- Out of Home Care placements and type
- Restoration



Police

- Victims
- Persons of interest
- AOD related events
- Domestic violence safety assessment



Health

- Public hospital admissions
- Private hospital admissions
- Emergency department presentations
- Ambulance patient contact events
- Childbirth
- Opiate treatment program



Customer service and Revenue

- Births, deaths & marriages
- Penalty/fines notices
- Enforcement of fines
- Work Development Orders



Mental health

- Hospital admission for mental health
- NSW Ambulatory mental health



Parental risk indicators

- Parent in custody
- Parent interaction with justice
- Proven alcohol and other drugs related offence or hospital admission
- Proven domestic violence related offence or victim of domestic violence
- Treatment for mental health in NSW hospital or ambulatory services



Housing

- Social housing tenancies and waitlist
- Private rental assistance
- Homelessness services



Alcohol and other drugs (AOD)

- Hospital admission for alcohol and other drugs
- Proven alcohol and other drug offences



Justice

- Custody
- Community supervision
- Court finalisations
- Cautions
- Youth conferences
- Legal Aid



Education

- National Assessment Program — Literacy and Numeracy (NAPLAN) year 3 and year 7 results
- Attendance, enrolment and suspension
- HSC completion
- Unexpected government school moves
- Smart, Skilled & Hired program
- Enrolment in funded training
- Resource Allocation Model equity loadings



Commonwealth services*

- Welfare payments
- Medical Benefits Scheme
- Pharmaceutical Benefits Scheme
- Income and taxation
- Census data

*The Human Services Dataset is currently in the process of being linked to Commonwealth MADIP data (including: Census, Taxation, Medicare & Pharmaceutical, Education and Welfare datasets) for Investment Modelling work.

How do I access the NSW Human Services Dataset?



How has the NSW Human Services Dataset been used?

So far the Human Services Dataset has been used to:

- Provide a cross-agency view of how individuals in NSW interact with government agencies – their service usage and outcome pathways.
- Build models of past service usage to predict future government service usage by individuals up to the age of 40.
- Provide specific identifications of trends and gaps in government service usage and delivery.
- Deliver clear evidence on service, support and program effectiveness and a detailed view of resource allocation and gaps.
- Provide valuable information for research and planning of government supports and services.



Requests to use the NSW Human Services Dataset

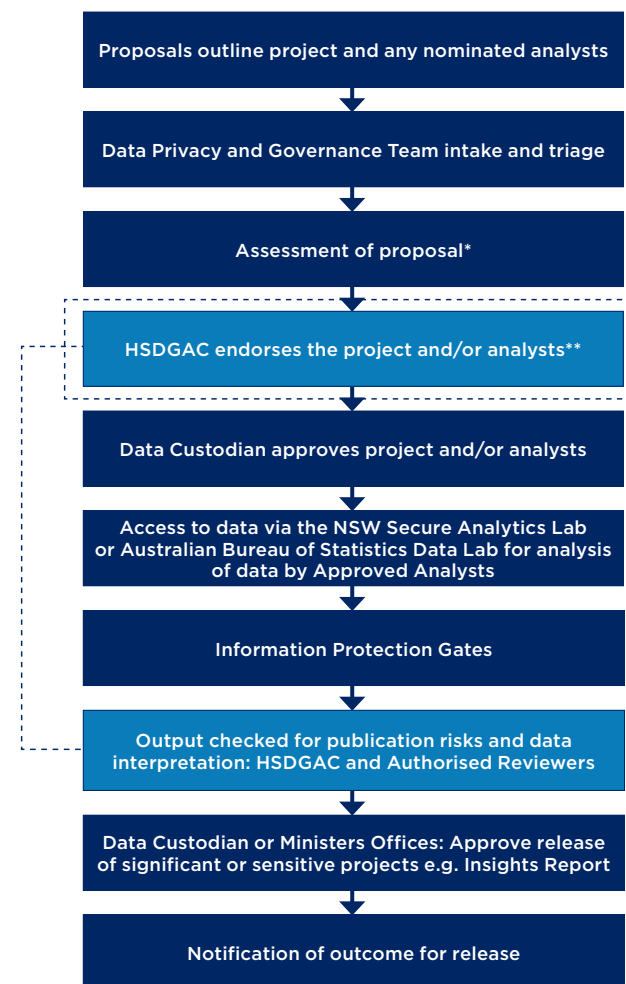
Access to the Human Services Dataset is controlled by the [Public Interest Direction](#) and [Health Public Interest Direction](#), under which access is only granted to approved analysts and approved users. Use of the Human Services Dataset must be for approved purposes only – to help ensure that effort and funding across government is focused on interventions that will improve long-term outcomes for vulnerable children or young persons and their families at the earliest opportunity. To this end, the Human Services Dataset is used to design and deliver better government services for the cohort.

To learn more about how to access the Human Services Dataset, visit [our website](#) for application forms, ethics approval requirements and the approval process.

Researchers may wish to nominate analysts and researchers with their project proposal for consideration. Where researchers do not have staff with suitable skills, please speak with our team regarding the availability of analysts.



Approval process



*If ethics approval is required, it must be obtained before seeking Data Custodian Approval

**Human Services Dataset Governance Advisory Committee (HSDGAC) members to indicate Authorised Reviewer involvement in output checking (case by case)



To learn more about the Human Services Dataset please visit Human Services Dataset Hub on the [DCJ website](#)

For queries regarding the Human Services Dataset email HSDS@facns.nsw.gov.au