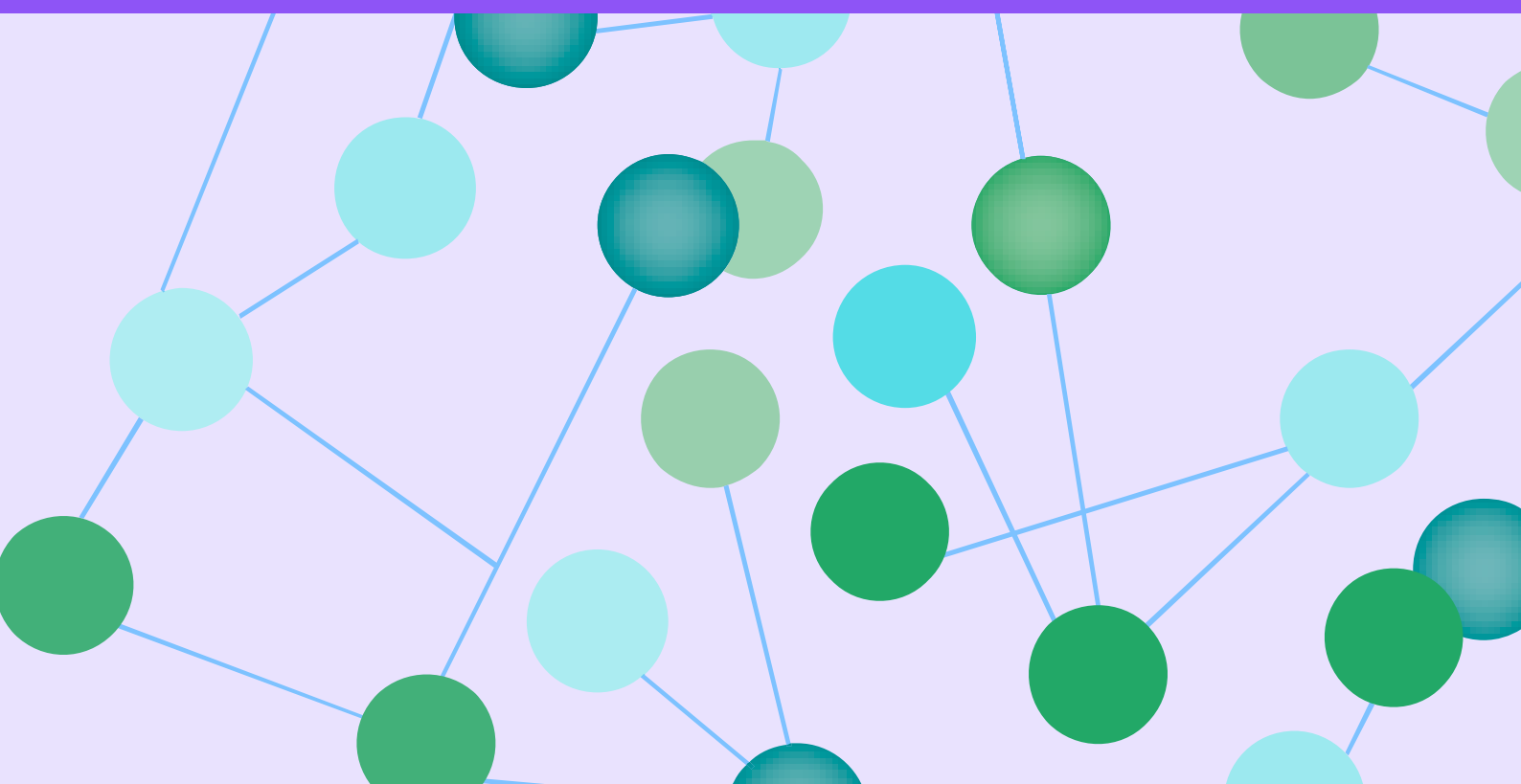


Centre for Epidemiology and Evidence

Services and Programs



Each year, the Centre for Epidemiology and Evidence:

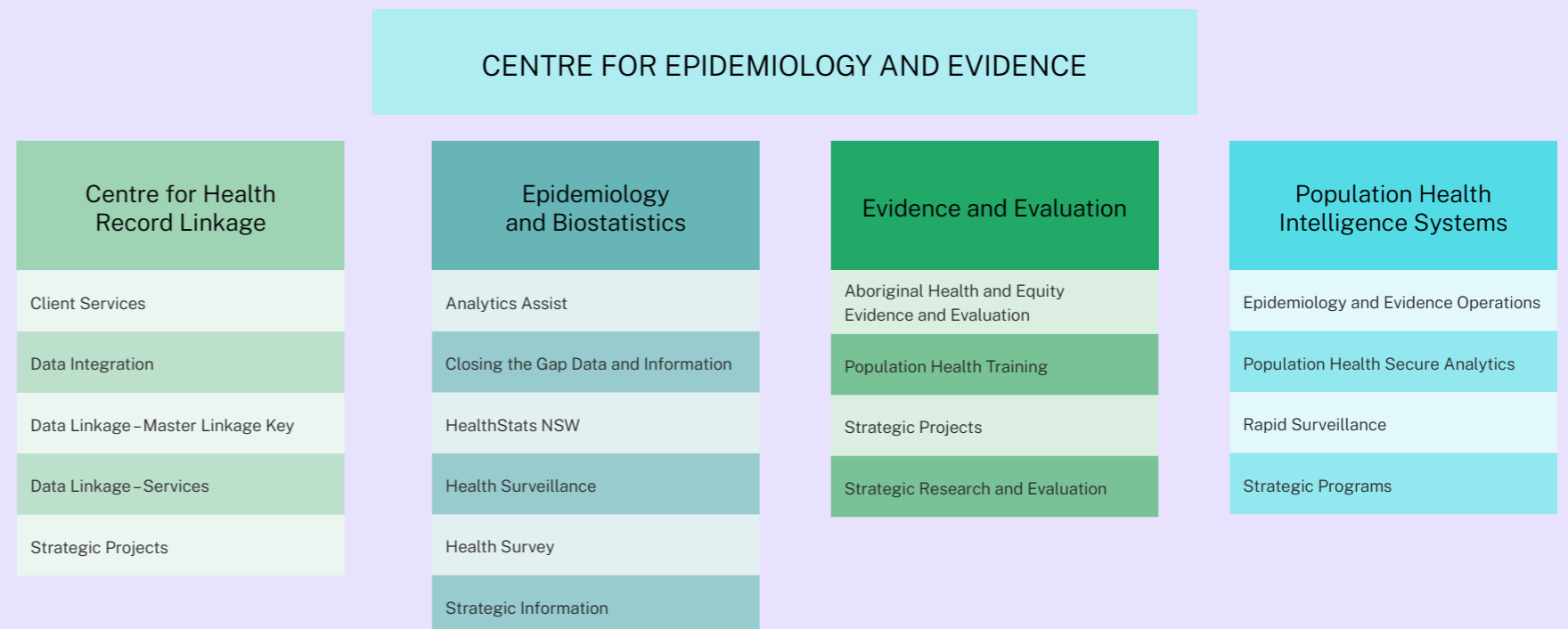
- supports over 47,000 users to access information on the health of the population through [HealthStats NSW](#)
- updates over 175 indicators on HealthStats NSW
- updates and makes over [30 datasets](#) available for research and government analytics using the Centre for Health Record Linkage's Master Linkage Key
- provides over 100 record linkage services, with over 6 billion unique anonymised records released for research and government use
- monitors more than 40 diagnosis-based emergency department surveillance syndromes and 30 Ambulance call problems, to look for threats to public health
- publishes the [NSW Mothers and Babies report](#), a comprehensive summary of the health of pregnant women and their babies' birth outcomes, with data available to download
- supports monitoring and evaluation of priority programs in the Population and Public Health Division of the NSW Ministry of Health
- collects health status and behaviour data from over 13,000 participants of the [NSW Population Health Survey](#)
- responds to over 85 requests for access to information and data through the [Analytics Assist service](#),* including requests from Aboriginal organisations and communities through the [NSW Data Connector Service](#)
- publishes [research and evaluation practice guides](#), which have been downloaded over 10,000 times
- trains more than 275 staff in program logic, monitoring and evaluation
- supports the development of the public health workforce through the [Public Health, Biostatistics](#) and [Aboriginal Population Health](#) training programs. Since the training programs commenced, the Centre has trained over 220 public health officers and over 120 biostatisticians, and supported around 50 Aboriginal population health trainees.

* For internal users

Who we are

The Centre sits in the Population and Public Health Division of the NSW Ministry of Health. The Centre is focused on the collection, linkage, analysis, synthesis, interpretation and communication of complex data and research and evaluation evidence, to support population policy and program implementation, monitoring and evaluation. The Centre aims to support more equitable access to health services and improved health outcomes for people in NSW.

The Centre is made up of four teams:



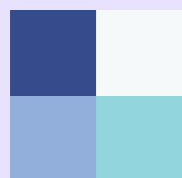
What we do

The Centre collaborates with a broad range of partners across the Population and Public Health Division of the NSW Ministry of Health, local health districts, and other health and social service agencies to progress work related to population health data, information, reporting and evidence to inform service delivery, policy development and program implementation.

Our portfolio includes program monitoring and evaluation, population-based analytics, population data synthesis and reporting, data linkage, population health information and surveillance systems, and public health workforce and data capability building.

Current focus areas include maternity and early childhood development (the first 2000 days), Aboriginal health, alcohol and other drugs, and oral health.

HealthStats NSW



[HealthStats NSW](#) is an open data website bringing together data from many sources to provide statistical information about the health of the NSW population.

Users can view and download data that provide insights into a wide range of health determinants and outcomes.

Aboriginal Population Health Training Initiative (APHTI)



The Centre coordinates this postgraduate

[training program](#), which provides workplace-based training for Aboriginal people who have an undergraduate health-related qualification. Trainees gain public health experience through supervised workplace learning and part-time study towards a Master of Public Health degree. The program is delivered through partnerships between the Ministry and NSW Health services.

NSW Biostatistics Training Program



This postgraduate [training program](#) provides

workplace-based training for people who have completed undergraduate study in statistics and are committed to a career in biostatistics. Trainees gain experience through supervised workplace learning and part-time study towards a Master of Biostatistics at the University of Sydney.

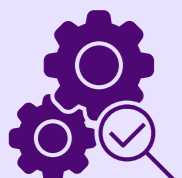
NSW Public Health Training Program



This postgraduate [training program](#) provides

workplace-based training for people who have completed postgraduate studies in public health. Trainees develop public health competencies and professional networks while addressing strategic and operational priorities of the health system and working to improve the health of the people of NSW.

Program monitoring, evaluation and research



The Centre supports the [evaluation](#) of flagship initiatives across the Ministry. The Centre also provides [training and guidance](#) to build the monitoring

and evaluation capability of the NSW Health workforce, and funds research groups that conduct strategic policy and program relevant research. Core funding is provided to the Sax Institute which aims to promote the use of research evidence in health policy. Evidence translation is also a key requirement for [Prevention Research Support Program](#) recipients.

Centre for Health Record Linkage (CHeReL)



The [Centre for Health Record Linkage](#) (the CHeReL) is dedicated to helping researchers, planners and policy makers access linked data about people

in NSW and the ACT. The CHeReL provides comprehensive advisory services and a secure, high-performing data linkage service that enables high-quality research and service monitoring and evaluation to inform policy and program decisions.

Maternity, perinatal and early childhood data and analytics



The Centre supports the collection and annual reporting of the NSW Perinatal Data Collection and Register of Congenital Conditions, including through the [NSW Mothers and Babies Report](#). The

Centre also supports the Maternal and Child Health Register, and analysis and reporting on population health risk factors during pregnancy and early childhood. The Centre provides information to support delivery of effective population preventive approaches in maternity and early childhood services.

SAPHaRI platform



[Secure Analytics for Population Health Intelligence and Research*](#) (SAPHaRI) is an analytics platform designed

for statistical analysis of population-health data. Teams within NSW Health are enabled to use unit record data while minimising privacy risks, to support delivery of insights that drive innovation in health care, policy and planning.

* For internal users

Aboriginal health and equity evidence and evaluation



The Centre supports the [monitoring and evaluation of Aboriginal Health programs](#)

and the consideration of equity more broadly, especially for work with a population health focus. The Aboriginal Health and Equity Evidence and Evaluation team supports Closing the Gap program reporting, and works to improve population health outcomes for Aboriginal people, including through maternity and early childhood services.

Rapid surveillance – PHREDSS



The Rapid Surveillance team provides timely

ambulance, emergency department, mortality, and drug and alcohol intelligence to inform policy, program development and research. The team operates the [PHREDSS system](#), with capability to generate daily syndrome signals, investigate and respond rapidly to emerging public health issues, and provide timely advice and support to public health teams as incidents emerge.

Analytics Assist



Analytics Assist connects people, data and information. It is a one-stop-shop for people seeking access to NSW Health information, combining an

[Open Data internet portal](#), an [information centre for internal staff](#),* and an [analytics advisory service](#).* Analytics Assist makes it easy for NSW Health staff to find key reports, open data, applications, platforms, training and analytics experts.

* For internal users

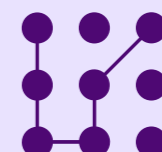
The NSW Population Health Survey



The [NSW Population Health Survey](#) collects information about the health and health-related risk factors of NSW residents. The Survey targets around 13,000

respondents each year.

NSW Data Connector Service



This initiative under the National Agreement on Closing the Gap Priority Reform 4 ensures Aboriginal and Torres Strait Islander people can access and use relevant data to monitor efforts to close the gap.

The [NSW Data Connector Service](#) provides a centralised contact for data requests to empower NSW Aboriginal communities.

Centre for Epidemiology and Evidence
NSW Ministry of Health
Locked Mail Bag 961
North Sydney NSW 2060

Copyright © NSW Ministry of Health 2024

This work is copyright. It may be reproduced in whole or in part for study and training purposes subject to the inclusion of an acknowledgement of the source. It may not be reproduced for commercial usage or sale. Reproduction for purposes other than those included above requires written permission from the NSW Ministry of Health.

SHPN (CEE) 240922

Suggested citation:

Centre for Epidemiology and Evidence. Centre for Epidemiology and Evidence: Services and Programs. Sydney: NSW Ministry of Health, 2024.

