



PHRN Population
Health
Research
Network



Supporting world-class research
to improve the health and wellbeing
of all Australians

Births • Perinatal Care • Hospital Admissions • Cancer Cases
Emergency Department Visits • Mental Health Services • Deaths
Infectious Diseases • Ambulance • Housing • Education

www.phrn.org.au

NCRIS 
National Research
Infrastructure for Australia
An Australian Government Initiative

Australia's National Data Linkage Infrastructure

We link population data held by state, territory and federal governments, enabling powerful research for the public benefit.

POWERFUL DATA-DRIVEN INSIGHTS

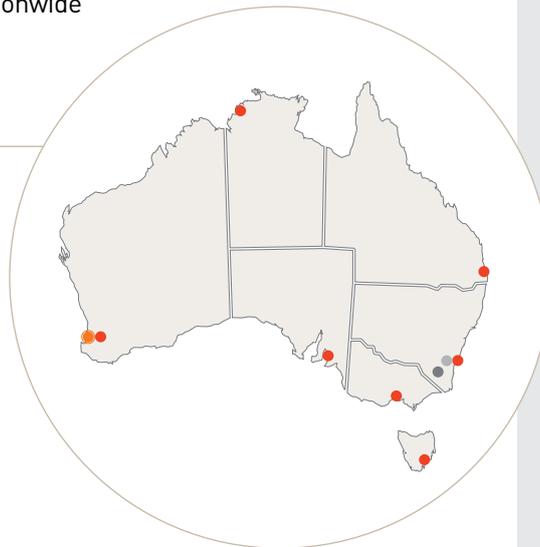
We connect pieces of information thought to relate to the same person, family, place or event. This data linkage is performed by specialist units.

A wide range of data is linked including - births, deaths, perinatal, ambulance, hospital, infectious disease, education, immunisation, justice system, housing, drug and alcohol use, child protection and aged care data in each state and nationwide



AUSTRALIA-WIDE NETWORK

Our network consists of data linkage units in every Australian state, a secure data laboratory and e-research services.



SECURE AND PRIVACY-PROTECTED

Data security and privacy protection lie at the heart of what we do. The collection and use of personal information by government agencies is bound by strict legislative and regulatory conditions, and data is stored in highly-secure environments.



REAL-WORLD IMPACT

Research enabled by our network leads to improved policy, clinical practice and medical technology. Every dollar invested in PHRN returns \$16 in benefits to Australia.



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RESEARCH EXAMPLES

CANCER

- Breast cancer
- Cancer survival
- Colorectal cancer
- Human Papillomavirus (HPV)
- Cancer in volunteer firefighters
- Asbestos health

CHILDREN'S HEALTH

- Fontan procedure benefits
- Early childhood burns and school performance
- Accidental drug poisonings

WOMEN'S HEALTH

- Postnatal diabetes screening
- Paracetamol overdose risk in women and teens
- Emergency department presentations in pregnancy
- Mental health in mothers

CARDIOVASCULAR DISEASE

- Heart surgery in octogenarians
- Stroke

HOSPITALS

- Australia's border hopping hospital hotspots
- Hospital wait times

SURGERY

- Longevity after cataract surgery
- Hip fracture
- Elective surgery to repair abdominal aortic aneurysms

PRISONER HEALTH

- Self-harm following release

OTHER

- COVID-19 response and recovery
- Body Mass Index
- Statin use and joint symptoms
- Criminology development and life course

PARTICIPANTS

