Completed Linkage Projects

2010

Second cancers among survivors of childhood cancers
Dr Lesley Ashton
Children’s Cancer Institute Australia

People with Mental Health Disorders and Cognitive Disabilities in the Criminal Justice System
Associate Professor Elizabeth Baldry
University of New South Wales

An injury profile for rear seat vehicle occupants using linked health and crash data
Dr Julie Brown
Prince of Wales Medical Research Institute

Increase completeness of Aboriginal status in the Notifiable Diseases Dataset by data linkage
Mr Mark Bartlett
NSW Department of Health

Cervical cancer screening in women born in Asia and the Middle East
Dr Karen Canfell
Cancer Council NSW

Longitudinal child health study
Professor Vaughan Carr
University of Newcastle

Relationship between best practice primary care, health status, hospitalisation and death for general practice patients with diabetes
Dr Elizabeth Comino
University of New South Wales

Modelling multiple radiotherapy treatment episodes for benchmarking and service planning
Professor Geoff Delaney
Sydney Southwest Clinical School

International comparison of hospital outcomes using ICD coding and risk standardisation
Dr Martin Gallagher
The George Institute for International Health
Mothers and gestation in custody: Data linkage study of birth and neonatal outcomes of women in prison during pregnancy
Dr Lisa Hilder
University of New South Wales

Enhancing maternity data for births in NSW in 2000-2008 with details of perinatal deaths
Dr Lisa Hilder
University of New South Wales

Evaluation of sedative drug overdose as a predictor of subsequent road traffic infringements and accidents
Professor Alison Jones
University of Newcastle

Individual-, area- and service- level contributions to indigenous health outcomes
Professor Louisa Jorm
University of Western Sydney

Deaths after admission to hospital
Professor Louisa Jorm
University of Western Sydney

Screening rates, high grade abnormalities and cervical cancer among women with a substance use hospital admission in NSW
Dr Anne Kricker
University of Sydney

Malignant gastrointestinal stromal tumours (GIST): The incidence, prevalence and outcome in NSW
Dr C K Lee
Prince of Wales Hospital, South Eastern Sydney Illawarra Area Health Service

Notifiable communicable diseases and reproductive health - a NSW population based linkage study
Dr Bette Liu
University of Western Sydney

Incidence and prognosis of metastatic breast cancer
Dr Sarah Lord
University of Sydney

Investigating the variables surrounding adverse events in NSW Hospitals - Hospital Patient Safety
Dr Blanca Gallego Luxan
Australian Institute for Health Innovation
Influenza surveillance evaluation with linked databases
Mr David Muscatello
NSW Department of Health

Referral pathways in colorectal cancer: General practitioners' patterns of referral and factors that influence referral
Prof Mark Harris
University of New South Wales

Patterns of cancer care using linked data
Professor Dianne O’Connell
Cancer Council NSW

Outcomes of children admitted to neonatal intensive care units between 1998 and 2006
Dr Julee Oei
Royal Hospital for Women, South Eastern Sydney Illawarra Area Health Service

Patterns of care and treatment outcomes associated with the use of chemotherapeutic and biologic agents in Australian veterans.
Dr Sallie-Anne Pearson
University of New South Wales

A pilot study to assess the sensitivity and specificity of using probabilistic and deterministic linkage procedures with limited patient identifiers as collected for HIV infected individuals
Dr Kathy Petoumenos
University of New South Wales

Analysing the trends of bladder cancer in Australia using CHeReL record linkage
Dr Weranja Ranasinghe
University of Newcastle

Biomarkers of adverse pregnancy outcomes
Associate Professor Christine Roberts
University of Sydney

A Validation Study: How Effective Is The Admitted Patient Data Collection (APDC) For Identifying Patients Admitted To New South Wales Hospitals With Heart Failure?
Dr Jane Robertson
University of Newcastle

Comparing the safety and effectiveness of buprenorphine and methadone
A/Prof James Bell
The Langton Centre, South Eastern Sydney Illawarra Area Health Service

Data linkage study of predictors of surgical recurrence in Crohn's disease
Prof Michael Solomon
University of Sydney
Oesophageal and gastric cancer: pre-operative and surgical care in NSW
Dr Efty Stavrou
University of New South Wales

Molecular markers of disease outcome in prostate cancer and prostatic diseases
Prof Robert Sutherland
Garvan Institute of Medical Research

Linkage of NSW Inpatient Statistics Collection to deaths
Dr Lee Taylor
NSW Department of Health

Enhanced reporting of Aboriginality in administrative health datasets using record linkage – a feasibility study
Dr Lee Taylor
NSW Department of Health

Viral hepatitis related liver cancer and mortality in NSW
Dr Hla Hla Thein
University of New South Wales

NSW cancer survival and treatment for breast, bowel, lung and ovarian cancers 1995 to 2007: An international comparison
Ms Elizabeth Tracey
Cancer Institute NSW

Risk characteristics, hospital admissions, and outcomes of patients with chronic diseases in NSW, 2005-2009
Dr Richards Matthews
NSW Department of Health

Novel and established risk factors for cardiovascular and metabolic disease - 45 and up Study data linkage project
Professor Emily Banks
National Centre for Epidemiology and Population Health

Validation of UGI cancer surgical procedural and diagnostic codes in NSW
Dr Efty Stavrou
University of New South Wales

Common conditions, health outcomes and health services use in 45 and up study participants
Professor Emily Banks
National Centre for Epidemiology and Population Health
The effect of unintentional injuries during pregnancy on child health at birth and at infancy
Dr Mary Lam
University of Sydney

Linkage of data in the NSW Central Cancer Registry, the AHS-based Clinical Cancer registries and the NSW APDC to develop a program of reporting for the NSW Cancer Registry Program
Ms Deborah Baker
Cancer Institute NSW

In-hospital and post-discharge mortality: learning about the quality of care using data linkages from Australian states (PHRN Collaboration #1)
Ms Diana Rosman
Data Linkage Unit, Department of Health Western Australia

Breastscreen linkage to the NSW Central Cancer Registry
Mrs Gordana Culjak
Cancer Institute NSW

Study of survival among Indigenous women who have breast cancer and a Breast Screen history
Dr Helen Zorbas
National Breast and Ovarian Cancer Centre

Trends of spine surgery and arthroscopy in Australia
Professor Ian Harris
Liverpool Hospital, South Western Sydney Area Health Service

Breastscreen linkage to Electoral Roll
Mrs Gordana Culjak
Cancer Institute NSW
2009

The impact of hospital based aged care and dementia services on outcomes for people with dementia admitted to hospital - a regional analysis
Professor Diane Gibson
University of Canberra

Long-term impacts of methadone maintenance treatment on offending, hepatitis C and mortality among ex-prisoners
Associate Professor Kate Dolan
National Drug and Alcohol Research Centre, University of NSW

Mental Illness and Substance Use - impact on birth and neonatal outcomes
Associate Professor Elizabeth Sullivan
University of NSW

Post-discharge outcomes of older patients hospitalised with acute illness
Dr David Basic
Liverpool Hospital NSW

Quality of reporting of Aboriginality on the NSW Midwives Data Collection
Dr Lee K Taylor
NSW Department of Health

A comparison of the scope and data in the CCR, Clinical CR and APDC data collections to inform the development of the NSW Cancer Registry Program
Professor James F Bishop
Cancer Institute NSW

The 45 and Up Study: exploring met and unmet needs for home and community care in NSW
Professor Louisa Jorm
University of Western Sydney

Data linkage for best practices in Pancreatic Cancer Study
Cancer Institute NSW
Ms Deborah Baker

Data linkage for best practices in Liver Cancer Study
Cancer Institute NSW
Ms Deborah Baker

The 45 & Up Study: Data component (death linkage)
Professor Emily Banks
Australian National University
The natural history of early breast cancer: A cohort study of women who did not receive systemic adjuvant therapy
Professor John Boyages
Western Sydney Area Health Service

Patterns of hospital use amongst individuals in NSW with drug and alcohol related problems
Dr Lucy Burns
University of NSW

Predictors of acute hospitalisation for women in NSW
Dr Julie Byles
University of Newcastle

The long term prevalence of hospitalisation in frail older people (The Hospitalisation Study)
Professor Ian Cameron
University of Sydney

Breastscreen linkage to Electoral Roll, NSW Central Cancer Registry and the Registry of Births, Deaths and Marriages death registrations
Ms Gordana Culjak
Cancer Institute NSW

Cancer incidence at Port Waratah Coal Services
Ms Maya Guest
University of Newcastle

Australian HIV Observational Database Hospitalisation linkage project
Dr Kathleen Falster
National Centre for HIV Epidemiology and Clinical Research

Descriptive epidemiology of stillbirth
Dr Adrienne Gordon
Royal Prince Alfred Hospital

Risk factors for emergency and non-emergency caesarean births among women in NSW
Dr Deborah Loxton
University of Newcastle

Concordance with national guidelines for colorectal cancer management and longer term survival in NSW
Professor Dianne O’Connell
Cancer Council NSW
Evaluating the use and impact of cancer medicines in real world clinical practice
Dr Sallie-Anne Pearson
University of New South Wales

Comprehensive linkage of maternal and infant health data for monitoring health outcomes and planning of maternity services in NSW
Kolling Institute of Medical Research, University of Sydney
Dr Christine Roberts

Investigating the effectiveness of mammography screening on survival of women diagnosed with breast cancer 1996-2006
Professor Richard Taylor
University of New South Wales

Cancer treatment and survival in NSW
Ms Elizabeth Tracey
Cancer Institute NSW
2008

Association between maternal smoking during pregnancy and risk of childhood cancer
Dr Efty Stavrou
Cancer Institute NSW

Best practice procedures and associated outcomes in oesophageal, liver, pancreas and stomach cancer
Ms Deborah Baker
Cancer Institute NSW

The role of maternal cancer history in the occurrence of stillbirth and birth defects
Ms Deborah Baker
Cancer Institute NSW

Quality of life, physical and emotional health in mid and older survivors of cancer
Dr Efty Stavrou
Cancer Institute NSW

Alcohol use in pregnancy
Dr Lucy Burns
University of NSW

Morbidity in people with hepatitis B and C in New South Wales
Ms Heather Gidding
National Centre in HIV Epidemiology and Clinical Research

Age, acculturation and mental health among overseas-born residents of NSW
Professor Louisa Jorm
University of Western Sydney

An examination of the quality and validity of mothers and babies coded data found in administrative datasets – through linking NSW Admitted Patient Data Collection (APDC) with Midwives Data Collection (MDC) and Registry of Births Deaths and Marriages (RBDM) birth registration data
Dr Mary Lam
University of Sydney

Optimal strategies to be used when linking datasets that contain a Statistical Linkage Key
Ms Sanja Lujic
Centre for Epidemiology and Research, NSW Department of Health

Validation study of recurrent postpartum haemorrhage and associated factors as reported in the Admitted Patient Data Collection and Midwives Data Collection (validated against medical records)
Dr Christine Roberts
Kolling Institute of Medical Research, University of Sydney
Improving birth statistics in New South Wales through use of record linkage
Professor Richard Madden
University of Sydney

Evaluation of novel antenatal biomarkers for the detection of adverse pregnancy outcomes: a record linkage study
Dr Christine Roberts
Kolling Institute of Medical Research, University of Sydney

Patterns of hospital health service utilisation for heart failure patients in NSW
Dr Jane Roberston
Calvary Mater Hospital, Newcastle

Temporal trends in the epidemiology of infective endocarditis in Australia
Dr Raymond Sy
University of Sydney

Quality of reporting of Aboriginality in the NSW Midwives Data Collection
Dr Lee Taylor
NSW Department of Health

Assessment of the effectiveness of a community-based faecal occult blood screening program for colorectal cancer
Dr Martin Vehsey
Gosford Hospital

Incidence of blood borne viruses and cancer, and related mortality among opioid dependent persons in pharmacotherapy, NSW 1985 to 2008
Dr Claire Vajdic
University of New South Wales
2007

**Patterns of care of people with prostate, lung, breast and colorectal cancers**
Professor Bruce Armstrong
University of Sydney

**International study of long term hazards of radiotherapy for breast cancer**
Dr Paul Jelfs
Cancer Institute NSW

**The “Drive Study”: Cohort study of risk factors for young driver injury**
Dr Rebecca Ivers
The George Institute

**TB in NSW**
Dr Jeremy McAnulty
NSW Department of Health

**Patterns of care in treatment for thyroid and pancreatic cancer**
Associate Professor Dianne O’Connell
Cancer Council NSW