

# 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