

Quality of Routinely Collected Data represented in the CHReL Master Linkage Key

This document lists publications and reports that provide information on the validity of data collections that are represented in the Centre for Health Record Linkage (CHReL) Master Linkage Key.

	Publication	Data collection
1.	<p>Australian Institute of Health and Welfare. <i>Expenditures on health services for Aboriginal and Torres Strait Islander people, 1998–99</i>. AIHW cat. no. IHW 7. Canberra: AIHW, 2001.</p> <p>This report estimates that Indigenous status was under-reported by 30% (range 26%-34%) in the NSW APDC in 1998-1999.</p>	APDC
2.	<p>Taylor LK, Travis S, Pym M, Olive E, Henderson-Smart DJ. How useful are hospital morbidity data for monitoring conditions occurring in the perinatal period? <i>ANZ J Obstet Gynaecol</i> 2005;45(1):36-41.</p>	APDC
3.	<p>Centre for Epidemiology and Research. NSW Department of Health. New South Wales Mothers and Babies 2004. <i>N S W Public Health Bull</i> 2005;16(S-4).</p> <p>Results of a validation study are presented in Chapter 13 of the report <i>How useful are hospital morbidity data for monitoring conditions occurring in the perinatal period?</i> The results of this study were originally published in the <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> (see 1.3 above). The chapter includes additional and extended tables of results. The report may be found on the Department of Health website at: www.health.nsw.gov.au/pubs/2005/mdc04.html.</p>	APDC
4.	<p>Ford JB, Roberts CL, Algert C, Bowen JR, Bajuk B, Henderson-Smart DJ. The validity of Hospital Discharge Data for Determining Neonatal Morbidity and Mortality. <i>BMC Health Serv Res</i> 2007;7:188.</p>	APDC
5.	<p>Roberts CL, Bell JC, Ford JB, Hadfield RM, Algert CS, Morris JM. The accuracy of reporting of the hypertensive disorders of pregnancy in population health data. <i>Hypertens Pregn</i> 2008;27(3):285-97.</p>	APDC, MDC
6.	<p>Hadfield RM, Lain SJ, Cameron CA, Bell JC, Morris JM, Roberts CL. The prevalence of maternal medical conditions during pregnancy and a validation of their reporting in hospital discharge data. <i>Aust N Z J Obstet Gynaecol</i> 2008;48(1):78-82.</p>	APDC
7.	<p>Roberts CL, Ford JB, Lain S, Algert CS, Sparks CJ. Use and accuracy of reporting of general anaesthesia for childbirth: a validation study. <i>Anaesth Intensive Care</i> 2008;36(3):418-24.</p>	APDC, MDC
8.	<p>Bell JC, Ford JB, Cameron CA, Roberts CL. The accuracy of population health data for monitoring trends and</p>	APDC, MDC

	Publication	Data collection
	outcomes among women with diabetes in pregnancy. <i>Diabetes Res Clin Pract</i> 2008;81(1):105-9.	
9.	Roberts C, Lain S, Hadfield R. Quality of population health data reporting by mode of delivery (letter). <i>Birth</i> 2007;34(3):274-5.	APDC, MDC
10.	Roberts C, Algert C. Antenatal transfer of rural women: how does the NSW Inpatient Statistics Collection compare with an audit of hospital records? <i>Aust Health Rev</i> 2000;23(3):78-82, 2000.	APDC
11.	Comino EJ, Titmuss A, Harris E, Craig P, Pulver LJ. Identification of Aboriginal infants at an urban hospital. <i>J Paediatr Child Health</i> 2007;43(9):623-6.	APDC
12.	Roberts CL, Bell JC, Ford JB, Morris JM. Monitoring the quality of maternity care: how well are labour and delivery events reported in population health data? <i>Paediatr Perinat Epidemiol</i> 2009;23(2):144-52.	APDC, MDC
13.	Centre for Epidemiology and Research. NSW Department of Health. New South Wales Mothers and Babies 1998. <i>N S W Public Health Bull</i> 2007;9(S-2). Chapter 8 of the report <i>Validation study—NSW Midwives Data Collection 1998</i> presents the results of a validation study carried out on a random sample of 1,680 records from the 1998 MDC. Information collected on the MDC record was compared with the medical record. Percentage agreement, kappa statistics, sensitivity and specificity for each variable are presented. The report may be found on the Department of Health website at: www.health.nsw.gov.au/pubs/2000/mdc98.html .	MDC
14.	Centre for Epidemiology and Research. NSW Department of Health. New South Wales Mothers and Babies 2005. <i>N S W Public Health Bull</i> 2007;18(S-1). Records of births reported to the Midwives Data Collection (MDC) are linked to birth registration records from the NSW Registry of Births, Deaths and Marriages to examine the quality of reporting of Aboriginality to the MDC. This information is published annually in the NSW Mothers and Babies Report.	MDC
15.	Australian Bureau of Statistics. <i>Information paper: Census data enhancement - Indigenous mortality quality study</i> . ABS Cat. No. 4723.0. Canberra: ABS, 2008. Available at www.abs.gov.au/ausstats/abs@nsf/mf/4723.0 .	ABS mortality data
16.	Australian Bureau of Statistics. <i>Information Paper: External Causes of Death, Data Quality, 2005</i> . ABS Cat No. 3317.0.55.001. Canberra: ABS, 2007. Available at: www.abs.gov.au/ausstats/abs@.nsf/mf/3317.0.55.001 .	ABS mortality data

References

1. APDC: NSW Admitted Patient Data Collection
MDC: NSW Midwives Data Collection