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MCHP Summer Research Resources Update

May 2015 - September 2015

The following describes new and recently updated resources available to users of the MCHP data repository. Previous updates are available on the MCHP external website. [> Learn More](#)

Data Update

The following data files are now available for use:

Diagnostic Services Manitoba - Immunology and Hematology

Diagnostic Services Manitoba Immunology and Hematology data include information on laboratory testing in some of Manitoba's hospitals, including basic patient demography, requesting source, processing lab, test type, and results. [> Learn More](#)

National Ambulatory Care Reporting System (NACRS)

The NACRS database contains information on all hospital and community-based ambulatory care services, including day surgery, outpatient clinics, and emergency department visits. Data includes patient demographics, reporting facility, and patient assessment. [> Learn More](#)

University of Manitoba Student Data

The University of Manitoba's Student Data includes demographic, course-related, and administrative details for all students who have applied to or attended the University since 1947. Since 2006, this

information has been managed using the Aurora system. [> Learn More](#)

Data Repository Documentation

Data repository documentation has been developed to assist researchers and external agencies in their understanding of data repository activities and resources. [> Learn More](#)

Dataflow Diagram

Illustrates the flow of data into MCHP. [> Learn More](#)

Data Years Chart

Offers a visual representation of all data held in the repository. [> Learn More](#)

Repository Growth

View how the repository has grown each year starting in 1991. [> Learn More](#)

Data List

MCHP's data list identifies the years of availability and source agencies of all repository data. A webpage that can be filtered by category has replaced the previous list. Clicking the print button produces a print-ready colour-coded list similar to earlier versions. Embedded links lead to MCHP's data descriptions webpage. Descriptions include a summary of the data, a list of studies that have used the data in some capacity, a link to related concepts, and a number of additional fields that describe the data. [> Learn More](#)

New Deliverable Concepts & Glossary Terms

- The Cost of Smoking: A Manitoba Study [> Learn More](#)
- The Educational Outcomes of Children in Care in Manitoba [> Learn More](#)

New Concepts

Hospital Newborn-to-Mother Link Registry

Contains information on the Newborn-to-Mother Registry in the MCHP Data Repository, and how the file is developed and maintained. Suggested uses of the data are given, including cautions and limitations. [> Learn More](#)

Binge Drinking - Measuring Prevalence

Describes how binge drinking is calculated and measured in MCHP research using survey data. Links to related MCHP research are given. [> Learn More](#)

Bootstrapping Methods

Contains information on how bootstrapping is used in MCHP research, including a definition, and links to the MCHP bootstrap SAS macro and SAS code from two research projects. [> Learn More](#)

Children in Care (CIC) and Educational Outcomes

Contains information on the investigation, methodology, and findings on educational outcomes for children in care from The Educational Outcomes of Children in Care in Manitoba deliverable. Links to related glossary terms and relevant findings from the report are included. > [Learn More](#)

Diabetes in Pregnancy: Differentiating Between Maternal Pre-Gestational Diabetes and Gestational Diabetes

Provides a definition for pre-gestational diabetes and gestational diabetes, and describes the method of differentiating the two. > [Learn More](#)

Fractures: Case Definitions Using Administrative Data

Identifies and describes different fracture case definitions developed in research using administrative data. Includes trauma indicator codes for use with Hospital Abstracts data. > [Learn More](#)

Identifying Obstructive Sleep Apnea (OSA) and Non-OSA Matched Cohorts

Contains the method used for identifying obstructive sleep apnea conditions in Thomas Mutter's thesis, "Serious postoperative cardiovascular and respiratory complications in obstructive sleep apnea patients: Matched cohort analysis of clinical and administrative data". > [Learn More](#)

Infant Health Measures and Health at Birth

Provides an introduction to both terms, which are used interchangeably in research using MCHP data. Three definitions are given, as well as links to MCHP research that uses these types of measures. > [Learn More](#)

Measuring Continuity of Care

Contains a definition of Continuity of Care and information on how it has been measured historically in MCHP research. Links to related MCHP research and SAS code are given. > [Learn More](#)

Physical Activity During Leisure Time - Measuring Prevalence

Provides information on how to measure prevalence of physical activity during leisure time from survey data. Includes related tables from The Cost of Smoking: A Manitoba Study deliverable. > [Learn More](#)

Residence

Describes how residence is defined and measured in MCHP research, including data sources, geographic measures to categorize residence over time, and limitations. > [Learn More](#)

Risk Set Sampling (Matching) with Replacement

Describes the methods for risk set sampling/matching with replacement, including SAS code and data cautions. > [Learn More](#)

Recently Updated Concepts

Adjusted Clinical Groups (ACG) - Overview

Describes the methods used to identify major illness in children and congenital/perinatal conditions using ACG and ICD coding. > [Learn More](#)

Ambulatory Visits - Physician

Describes a new methodology of identifying ambulatory visits from Medical Services data using the Manitoba Grouping Code. > [Learn More](#)

Children in Care (CIC) - Overview of Terminology and Characteristics

Data sources, terminology, characteristics investigated, and links to findings from The Educational Outcomes of Children in Care in Manitoba deliverable have been added. > [Learn More](#)

Conduct Disorder

A brief definition is provided, as well as the ICD coding used to identify the three subtypes of Conduct Disorder in the Birth Cohort Registry research project. > [Learn More](#)

Education Indices

Information describing the three education indices used in MCHP research are given, including how these indices have been validated. > [Learn More](#)

Income Quintiles - Child Health Income Quintiles

Supporting documents containing yearly tables of minimum and maximum values for rural and urban income quintiles are given. > [Learn More](#)

Measuring Majority of Care

Defines Majority of Care and how it has been used in MCHP research over time. Links to related MCHP research are given. > [Learn More](#)

Patient Allocation: Assigning Patients to Physicians, Physician Groups or Clinics

Contains information on the general approach and considerations for patient allocation. Three major approaches used historically in MCHP research are given, in addition to related measures and links to related MCHP research. > [Learn More](#)

Prenatal Care Visits

Content includes tariff codes from Medical Services data that require a diagnosis of pregnancy in order for the tariff to be considered a prenatal visit. > [Learn More](#)

Siblings

Contains information on the methods used to identify siblings in MCHP data. Also has information on the limitations and cautions that MCHP encountered in the Birth Cohort Registry research project. > [Learn More](#)

Standards Tests / Achievement Tests - Test Performance and Outcomes

Provides an introduction and background information on Standards Tests / Achievement Tests. Data sources, the methodological approach, and outcome measures used in MCHP research are given. Also includes data cautions and limitations. > [Learn More](#)

Concepts in Progress

Keep up to date on future concepts and those currently under development. > [Learn More](#)

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