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UNIVERSITY OF MANITOBA | Manitoba Centre  
for Health Policy



## MCHP Spring Research Resources Update

*September 2014 - May 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](#)

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### Data Update

The following data files are now available for use:

#### **Manitoba Cancer Registry**

The Manitoba Cancer Registry is designed to collect, manage, and analyze a variety of population-based cancer data. Information is collected by specially trained health professionals (cancer registrars) at CancerCare Manitoba and includes patient demographics, cancer diagnosis including site, type of cancer, place, date, and method and stage at diagnosis. Also includes treatment information if surgery, chemotherapy or radiation took place. [> Learn More](#)

#### **Cardiac Surgical Database**

Winnipeg Health Region's Cardiac Science Program collects detailed surgical data from the years 1995 to 2014 and includes patient admission, history, and diagnosis data. Preoperative medication and status, and procedural and postoperative information and medication data were also collected. [> Learn More](#)

### **Health Links / Info Santé**

Records from Health Links: Info Santé - a free, confidential, information telephone referral service for the public, staffed 24 hours a day by Registered Nurses. Registered Nurses use an approved computerized program to document each call, asking a series of questions about the concern and directing the caller to the appropriate level of medical care. Data include triage, care advice, and outcome details for each call. [> 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 new 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**

- Evaluation of the Manitoba IMPRxOVE Program [> Learn More](#)
- Physician Integrated Network: A Second Look [> Learn More](#)

## **New Concepts**

### **Acute Myocardial Infarction (AMI) / Myocardial Infarction (MI)**

Provides an overview of AMI and a definition using administrative data. A list of relevant MCHP research including post-AMI management with medication is given. [> Learn More](#)

### **Asthma Care Controlled by Medication Use**

Contains information on the methods used to define and identify asthma care controlled by medication at MCHP. Includes links to relevant MCHP research. [> Learn More](#)

### **Elixhauser Comorbidity Index**

A brief overview and description of how the Index is used in MCHP research is given. Data sources, SAS code, links to relevant MCHP research, and a historical perspective over time is given. Information on how to use the Index with 3-digit codes from the Medical Services data is provided.

[> Learn More](#)

### **Grade 12 Language Arts (LA) Test Performance Outcomes by Socioeconomic Status (SES)**

Contains information which describes the two methods used by MCHP to measure the performance of grade 12 students on the Language Arts Standards Test, and how the performance relates to socioeconomic status. [> Learn More](#)

### **Grade Level Assessments**

Provides information concerning Grade Level Assessments for students in grades 3, 7, and 8, along with links to appropriate background information. Also includes descriptions of the different types of assessments and how this data has been investigated in MCHP research. A sample of MCHP developed SAS code is provided. [> Learn More](#)

### **Referral Rates for Primary-Care Physicians to Specialists**

Defines referral rate and the methods used to find the referral rate from administrative data. [> Learn More](#)

### **Routine Electrocardiography - Electrocardiogram (ACG or EKG)**

Describes the methods of defining and investigating routine electrocardiography in MCHP research. [> Learn More](#)

### **Smoking Cessation Prescriptions**

Describes the methods used to identify smoking cessation prescriptions in administrative data and provides links to related MCHP research. [> Learn More](#)

## **Recently Updated Concepts**

### **Charlson Comorbidity Index**

Added a brief description and overview of how the Index is used in MCHP research, including data sources, SAS code examples, and links to relevant MCHP research. A historical perspective over time from published research is provided, with links to relevant material and additional SAS code. Also includes information on using the Medical Services data and 3-digit ICD-9-CM codes to enhance the scope of the calculation. [> Learn More](#)

### **Childhood Immunizations**

Added information regarding the change from PCV-7 to PCV-13 in the childhood immunization schedule. [> Learn More](#)

### **ICD-10 to ICD-9-CM Conversion**

Updated content concerning why and how this conversion is done, as well as the time frame and datasets involved. [> Learn More](#)

## Concepts in Progress

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

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