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Uptake of preventive services by Metis people living in Manitoba – what are the predictors in a population- based study?

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Profile of Metis Health Status and Healthcare Utilization in Manitoba

Research Team

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Chapter outline

- Chapter 1: Introduction & Methods
- Chapter 2: MMF Wellness Framework
- Chapter 3: Demographics
- Chapter 4: Population health status & mortality
- Chapter 5: Prevalence of physical illnesses
- Chapter 6: Prevalence of mental illness (age 10+)
- Chapter 7: Preventive & Other Services**
- Chapter 8: Child Health
- Chapter 9: Use of Physician Services
- Chapter 10: Use of Hospital Services
- Chapter 11: High Profile Surgical & Diagnostic Services
- Chapter 12: Use of Home Care and PCH
- Chapter 13: Prescription Use
- Chapter 14: Quality of Primary Care
- Chapter 15: Health Practices & Personal Characteristics (CCHS)
- Chapter 16: Education and Social Services



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Methods

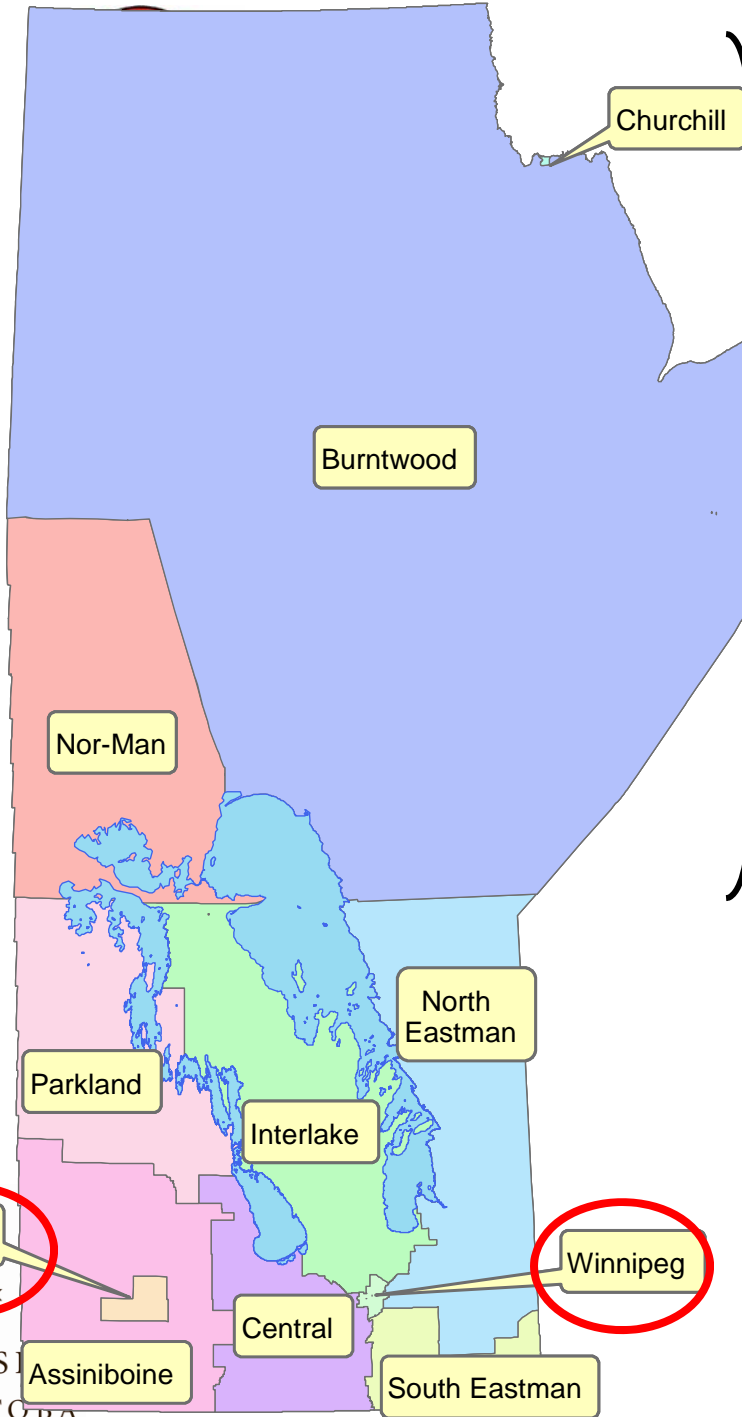
- **Population Health Research Data Repository, housed at MCHP, including the Metis identifier**
 - contains **anonymized** administrative data for all Manitobans
 - Age-adjusted rates, generalized linear model (GLM) for rates;
 - Logistic regression models for further regression including individual and area characteristics
 - **Good continuity of care: at least 50% of a person's ambulatory visits from the same physician over a two-year period**
 - **Mammography (breast cancer detection)**
 - Women aged 50-69 years inclusive; at least one mammography in the two-year period 2005/06-2006/07
 - Provincial mammography screening program since 1995, including rural mobile screening program
 - **Pap (Papanicolaou) test (cervical cancer screening)**
 - Women aged 18-69 years inclusive; at least one Pap test in the three-year period 2004/05-2006/07; excluded women with a complete hysterectomy
 - During the dates of this study, no provincial screening program



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The eleven regional health authorities (RHAs) of Manitoba grouped into aggregate areas

“North” =
Nor-Man, Burntwood,
Churchill

“Mid” =
Parkland, Interlake,
North Eastman

“South” =
Assiniboine, Central,
South Eastman



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The seven MMF Regions of Manitoba



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The seven MMF Metis
Regions of Manitoba



How did we build our cohort?

- Linkage with the MMF Registry files
 - Problems: these are ‘voting’ files, so don’t include children, nor Metis who choose not to register
 - Undercounted, and not reflective of the population
- Added to through
 - CCHS and NPHS self-identification
 - Going “up” and “down” the generations
 - Not perfect, but a better face validity of PMR
- **n= 90,916 across time**
 - n=73,016 for the year 2006
 - **note: 2006 Census says 71,805 were Metis by identity**





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