

Definition/Description:

Influenza Immunization

Influenza vaccinations are the most effective preventive measure to prevent influenza and the complications arising from it in high-risk populations, such as seniors. The Canadian National Advisory Committee on Immunization (1999) recommends influenza vaccination for people at high risk. This includes people aged 65 and above, adults and children with certain chronic medical conditions, nursing home residents, health care workers who are in contact with people in the high-risk groups, and household contacts of people at risk who either cannot be vaccinated or may respond inadequately to vaccination. Influenza vaccination is available free of charge in Manitoba for the target groups identified by the National Advisory Committee on Immunization. For this report, influenza vaccinations were defined as the presence of any of ICD-9-CM 87.91, 87.92, or 87.99 in the diagnosis field.

Method

WHR residents age 65 years and over as of December 31, 2000 were selected from one year of physician claims (2000/01). The denominator consisted of the WHR population age 65 and over from the same time period. Region of residence was calculated as of the first-occurring record.

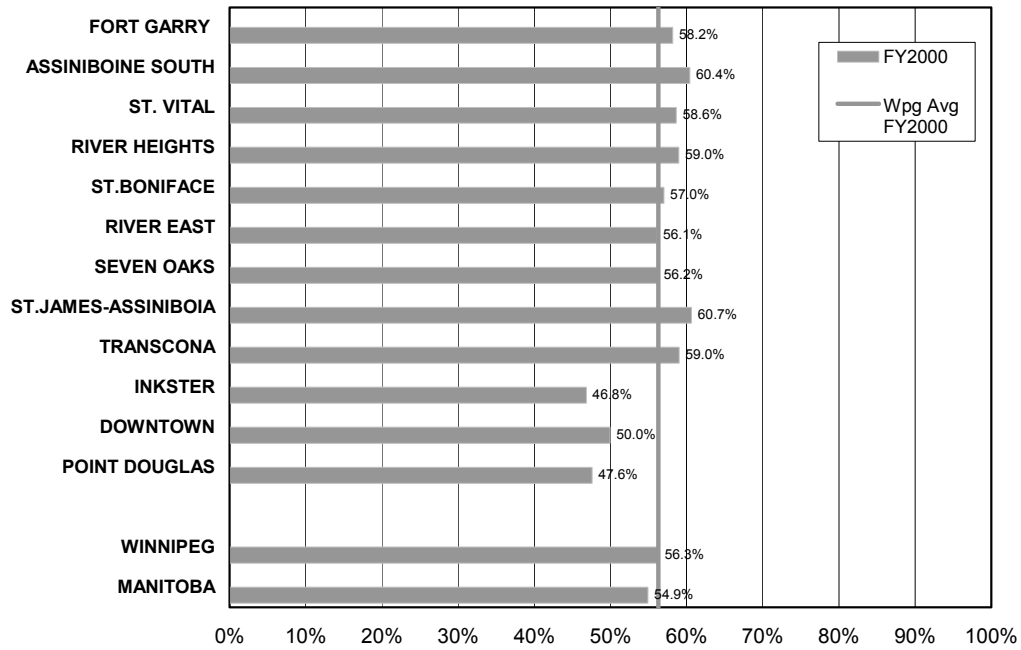
Source:

The Need to Know Project, Manitoba Centre for Health Policy, 2003. All numerical values, tables, and figures (including spatial analyses) were generated by the Population Health and Health System Analysis Unit, Winnipeg Regional Health Authority.

Findings:

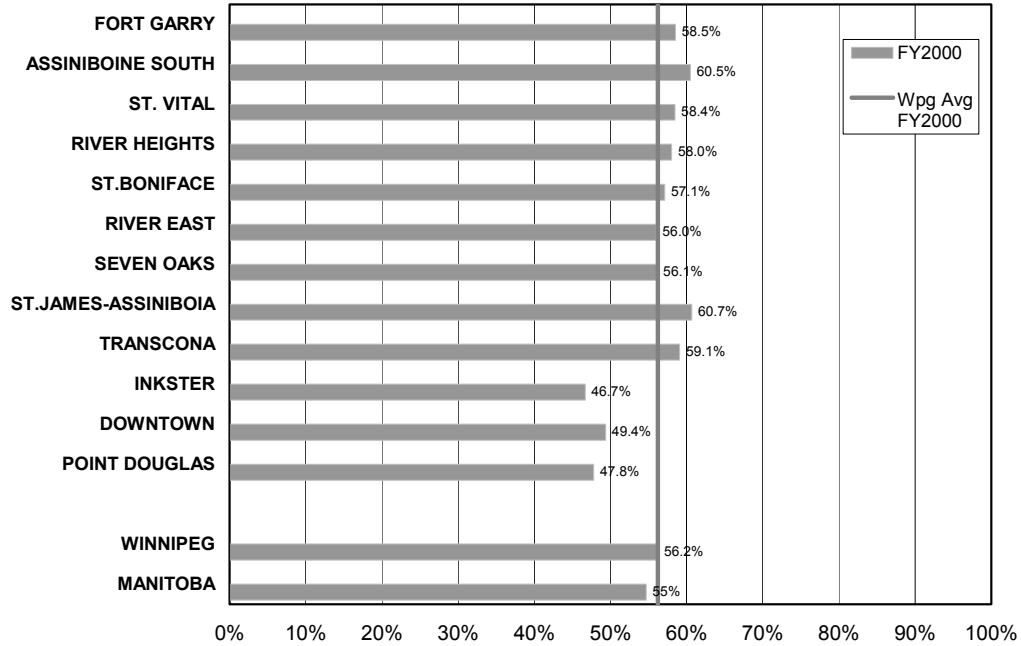
Influenza Immunization: Crude Rates by CA

Percentage of residents age 65+ that received a flu shot in fiscal year 2000-01



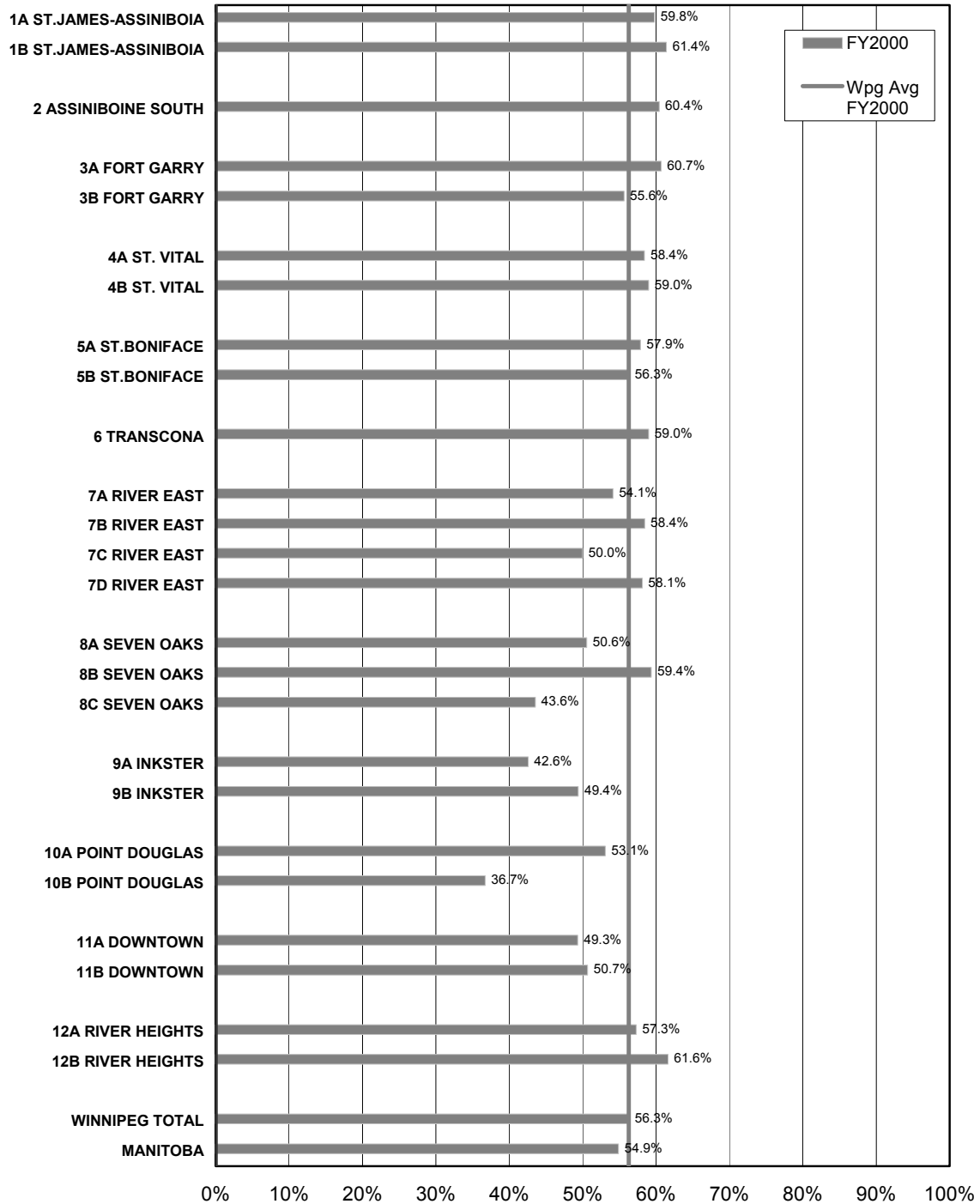
Influenza Immunization: Age-adjusted Rates by CA

Age- & sex-adjusted percentage of residents age 65+ that received a flu shot



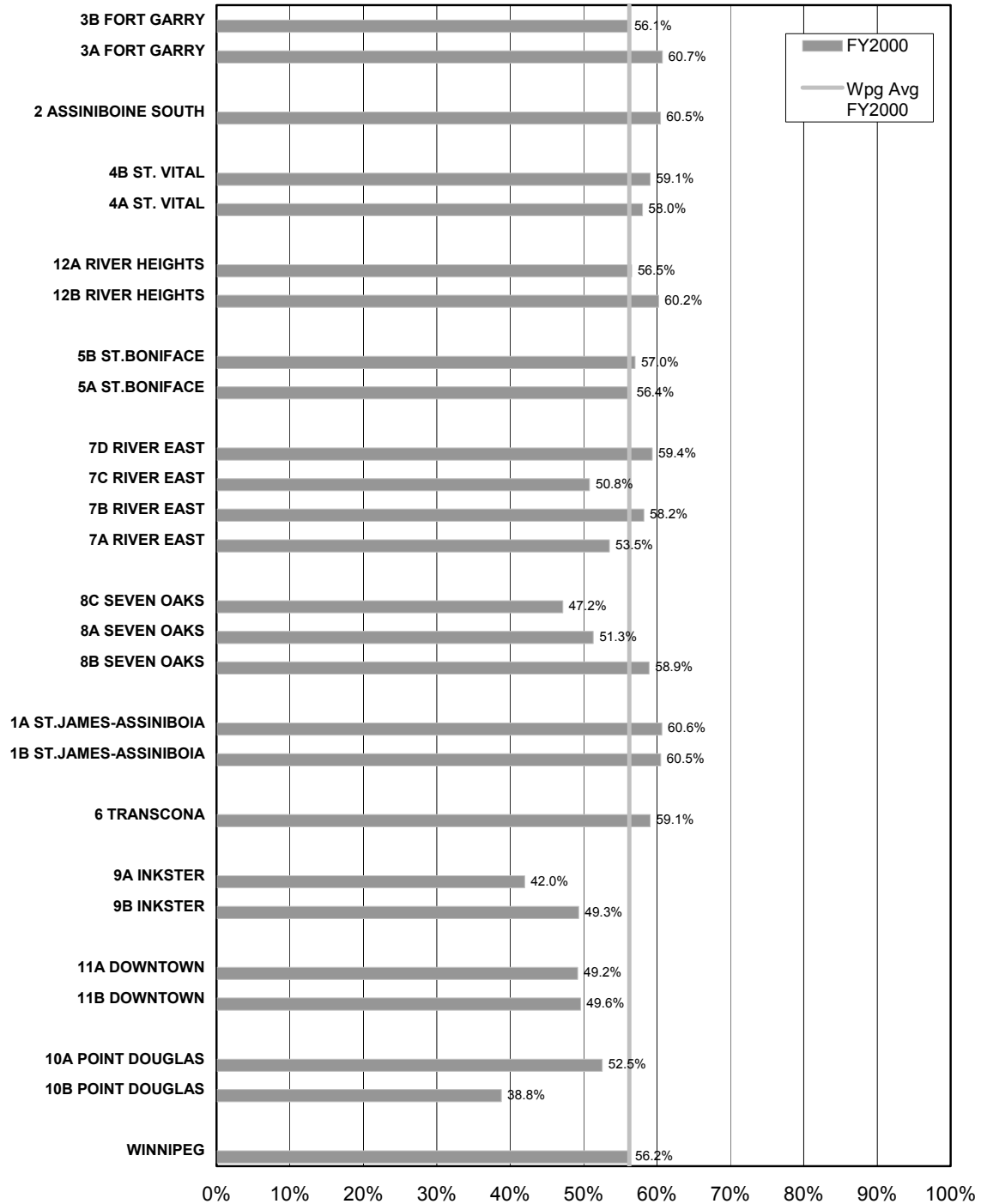
Influenza Immunization: Crude Rates by NC

Percentage of residents age 65+ that received a flu shot in fiscal year 2000-01



Influenza Immunization: Age-adjusted Rates by NC

Age- & sex-adjusted percentage of residents age 65+ that received a flu shot



Highlights:

- In the WHR, 56.3% of the population 65 years and older received immunization for influenza in 2000-01 (fiscal year). This is slightly higher than the rate for Manitoba at 54.9%.
- The percentage receiving influenza immunization is fairly consistent for most of the community areas. The exceptions include: Inkster Community Area, Point Douglas Community Area, and the Downtown Community Area. All of which have rates of influenza immunization that are lower than that of the WHR.
- At the neighbourhood cluster-level, a similar pattern is seen. Most neighbourhood clusters meet or exceed the rate of influenza immunization for the WHR. Exceptions to this are found in the following neighbourhood clusters: River East 7A and 7C, Seven Oaks 8A and 8C, Inkster 9A and 9B, Point Douglas 10 A and 10B, and Downtown 11A and 11B. All of these neighbourhood clusters have rates of influenza immunization that are lower than that of the WHR.
- Adjusting the rates of immunization for the underlying age and sex distribution of the population had little effect on the rates.