

### Definition/Description:

Crude and standardized rates for the number of antibiotic prescriptions dispensed to those who received at least one antibiotic prescription during the two-year period.

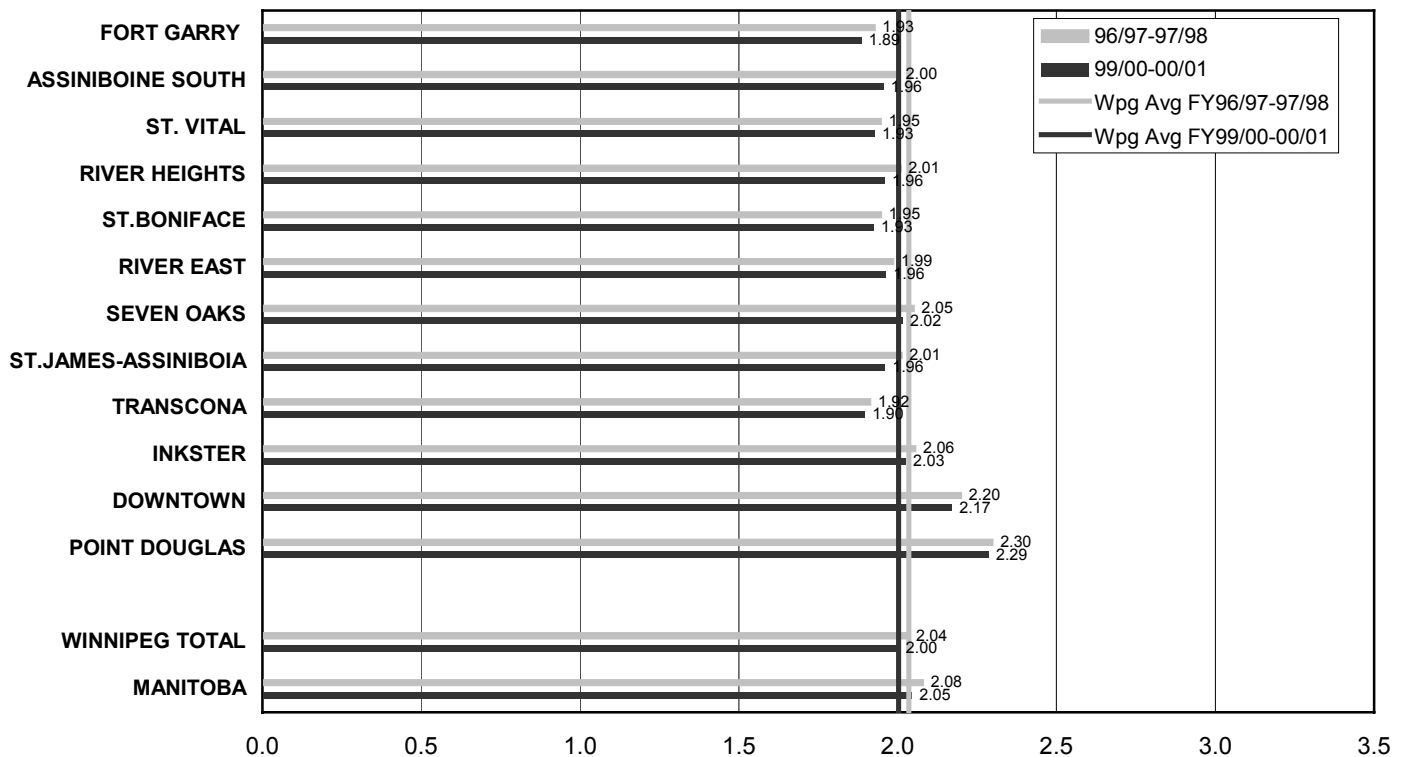
### Source:

The Need to Know Project, Manitoba Centre for Health Policy, 2003

### Findings:

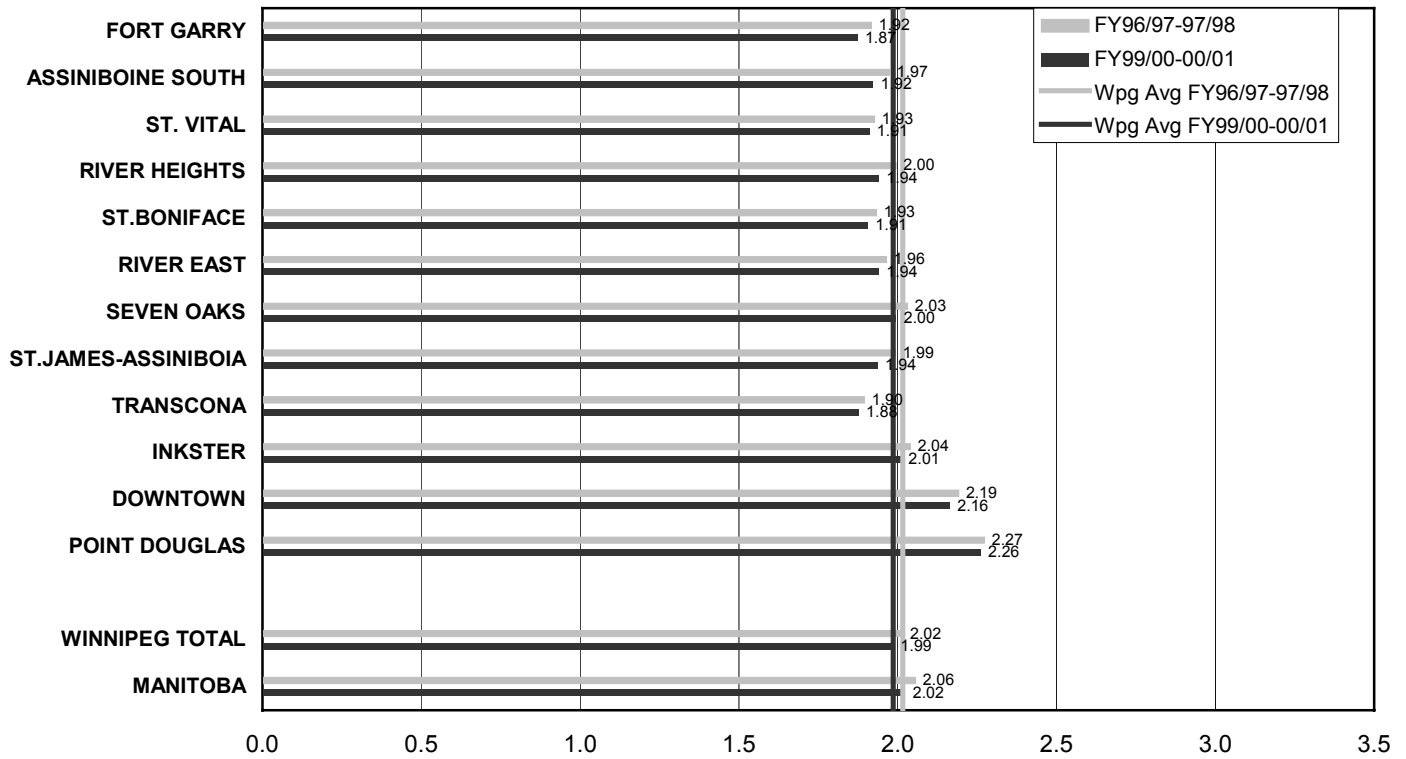
### Number of Antibiotic Prescriptions per User by CA

Crude Average number of Antibiotic perscriptions in a two year period (among those with at least one)



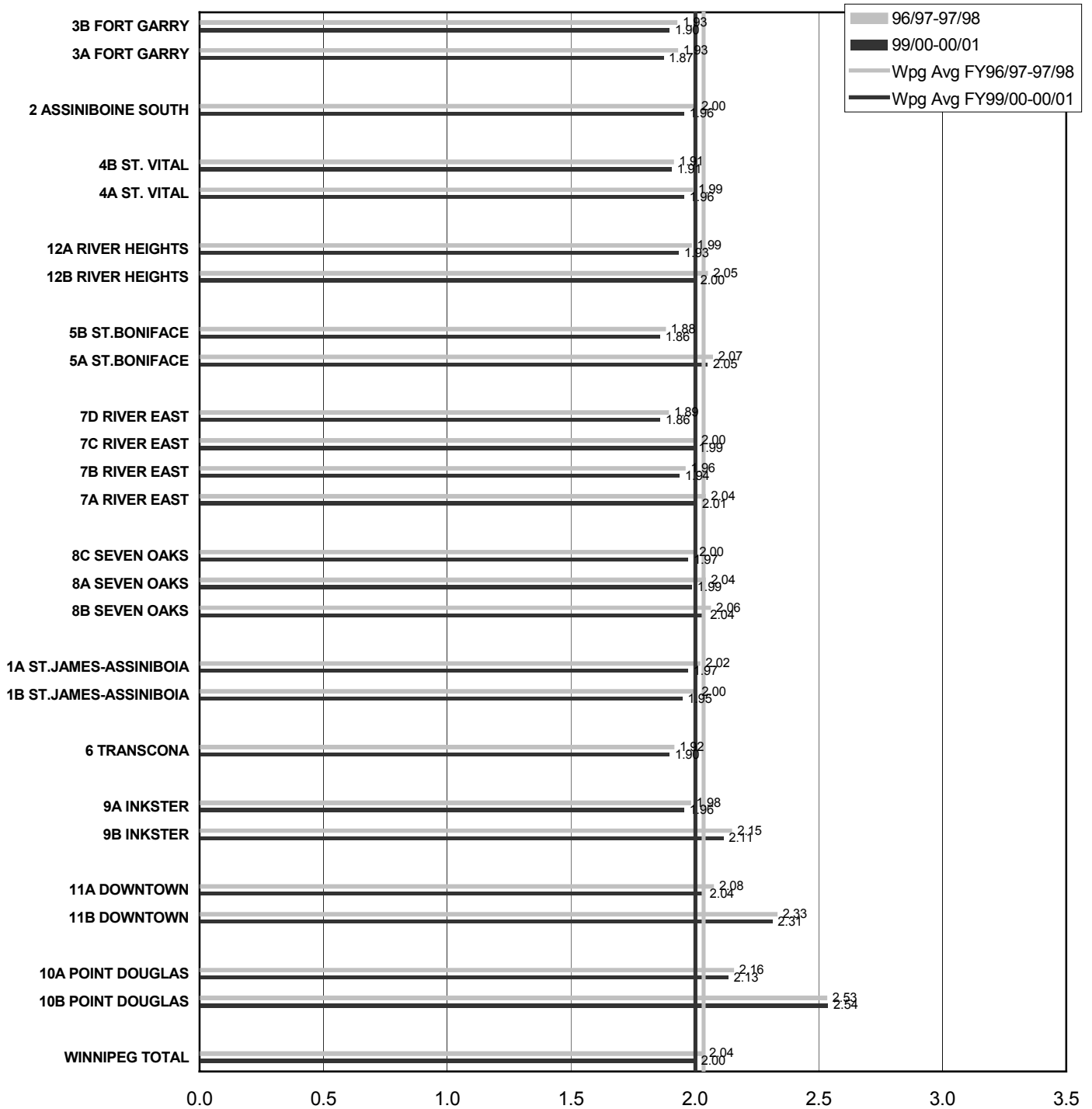
### Number of Antibiotic Prescriptions per User by CA

Age- & sex-adjusted average number of antibiotic prescription in two year period (among those with at least one)



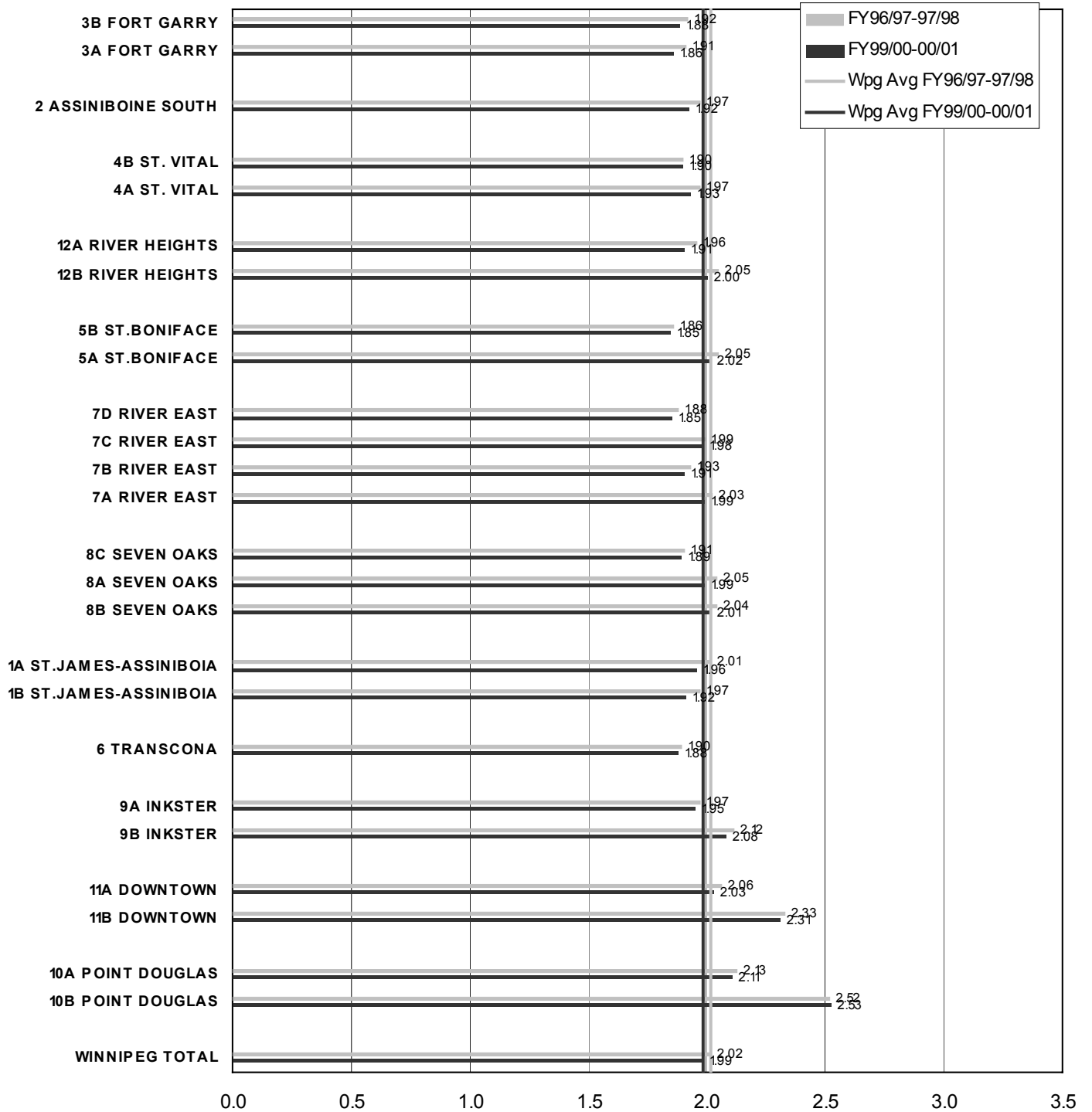
### Number of Antibiotic Prescriptions per User by NC

Crude Average number of Antibiotic perscriptions in a two year period (among those with at least one)



### Number of Antibiotic Prescriptions per User by NC

Age- & sex-adjusted average number of antibiotic prescription in two year period (among those with at least one)



## Highlights:

### Regional Rates:

- Contradicting the increase in overall prescription dispensing, Antibiotic prescription dispensing shows a slight drop from 1996-1998 to 1999-2001. In the last period, Winnipeg residents' average number of antibiotic prescriptions per user was 2.0, which is down from 2.04 in the previous period.
- Winnipeg's average is slightly lower than the Manitoba average.
- Adjusting for age and sex had minimal effect on the rates.

### Community Area Rates:

- Most community areas are close to the Winnipeg average of 2.0. The two areas that show antibiotic prescription to be higher than that of the region are Downtown and Point Douglas at 2.17 and 2.29 respectively. The lowest is Fort Garry at 1.89 prescriptions per 1000 residents.
- After adjusting for age and sex, most community areas are close to the adjusted Winnipeg average of 1.9. The two areas that show antibiotic prescriptions to be higher than that of the region are Downtown and Point Douglas at 2.16 and 2.26 respectively. The lowest is Fort Garry at 1.87.

### Neighbourhood Cluster Rates:

- Most neighborhoods are close to the Winnipeg average of 2.0 in the last period shown. The neighborhood that shows antibiotic prescription use to be highest is Point Douglas 10B at 2.54 prescriptions per resident in the last period. St. Boniface 5B and River East 7D share the lowest rate of 1.86 antibiotic prescriptions per 1000 residents.
- After adjusting for age and sex, most neighbourhoods are close to the Winnipeg adjusted average of 1.9 antibiotic prescriptions per 1000 residents. The area that shows the highest adjusted rate for antibiotic prescriptions is Point Douglas 10B at 2.53 in the last period. St. Boniface 5B and River East 7D share the lowest adjusted rate of 1.85.