

## HIV PREVALENCE, INCIDENCE, MOTHER-TO-CHILD TRANSMISSION AMONG AFRICAN, CARIBBEAN, AND BLACK POPULATIONS AS OF 2008

### Demographic profile of African, Caribbean and Black (ACB) populations in Canada:

- According to the 2006 Canadian Census, there were **783,795** Black people living in Canada, representing **2.5%** of the country's population.
- Black people comprised **3.9%** (or **473,765**) of the population of Ontario (n=12,028,895). Therefore, **60%** of Canada's Black population resided in Ontario.

### From the *Ontario HIV Surveillance Report*:

- An estimated **26,627** people were living with HIV in Ontario as of December 2008
- Of this number, **4,878** people living with HIV were in the HIV-endemic category (i.e. born in sub-Saharan Africa or the Caribbean and no other risk factors), representing **18%** of HIV-infected persons.
- Of the 4,878, men constitute roughly **60%** (n=2,910) and women **40%** (n=1,968)
- Only an estimated **56%** of people in the HIV-endemic category living with HIV have been diagnosed.
- **137** HIV-infected infants were born in Canada from 1984 to 2008. To date, **57%** (n=74) of infected infants born in Canada were born to (HIV-infected) mothers from HIV-endemic countries.
- **1,620** people represented newly infected cases overall in 2008.
- Of the 1,620, **29%** (n=465) were in the HIV-endemic category.
- From 2003 to 2008, HIV prevalence (i.e. the number of HIV-infected persons) increased by **62%** among people from HIV-endemic countries.

### From the *Laboratory Enhancement Program*:

- **1,068** persons were newly diagnosed with HIV from January 2009 to October 2010
  - Of these, **24%** (n=233) were Black and **18%** (n=189) were in the HIV-endemic category
  - Of the 233 Blacks, **65%** (n=151) were HIV-endemic, **19%** (n=48) MSM and **8%** (n=18) in the heterosexual category
  - Of HIV-endemic cases with known race/ethnicity, **92%** were Black
  - Of MSM with known race/ethnicity, **11%** were Black
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### **Other (non-ACB specific) statistics:**

- In the years from 2003 to 2008, overall HIV prevalence increased 31% or 5.6% annually
- Of the 26,627 living with HIV in Ontario as of 2008, MSM represent 15,070, HIV-endemic persons represent 4,878, and others infected by heterosexual transmission reflect 3,920.
- The number of HIV diagnoses among MSM increased by 8.3% from 2003 to 2008
- Of the 1,620 persons newly infected with HIV in Ontario in 2008, nearly half were among MSM (745 new infections) This reflects nearly a 70% increase since 1996 (when new infections represented 438 cases)
- 8,788 AIDS cases have been reported in Ontario since the beginning of the epidemic
- The number of reported AIDS cases decreased dramatically in the past decade
- In 2008, adjusted AIDS incidence was 398
- prenatal HIV testing uptake in Ontario was 94% in 2008
- Overall, 860 HIV-infected women who delivered in Canada have given birth to 137 HIV-infected infants.

### **References**

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