



HIV in British Columbia: Recent Trends

Presentation for the Pacific AIDS Network

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HIV Testing and Newly Identified Infections (Source: BCCDC HIV Surveillance)

What we know from HIV surveillance data:

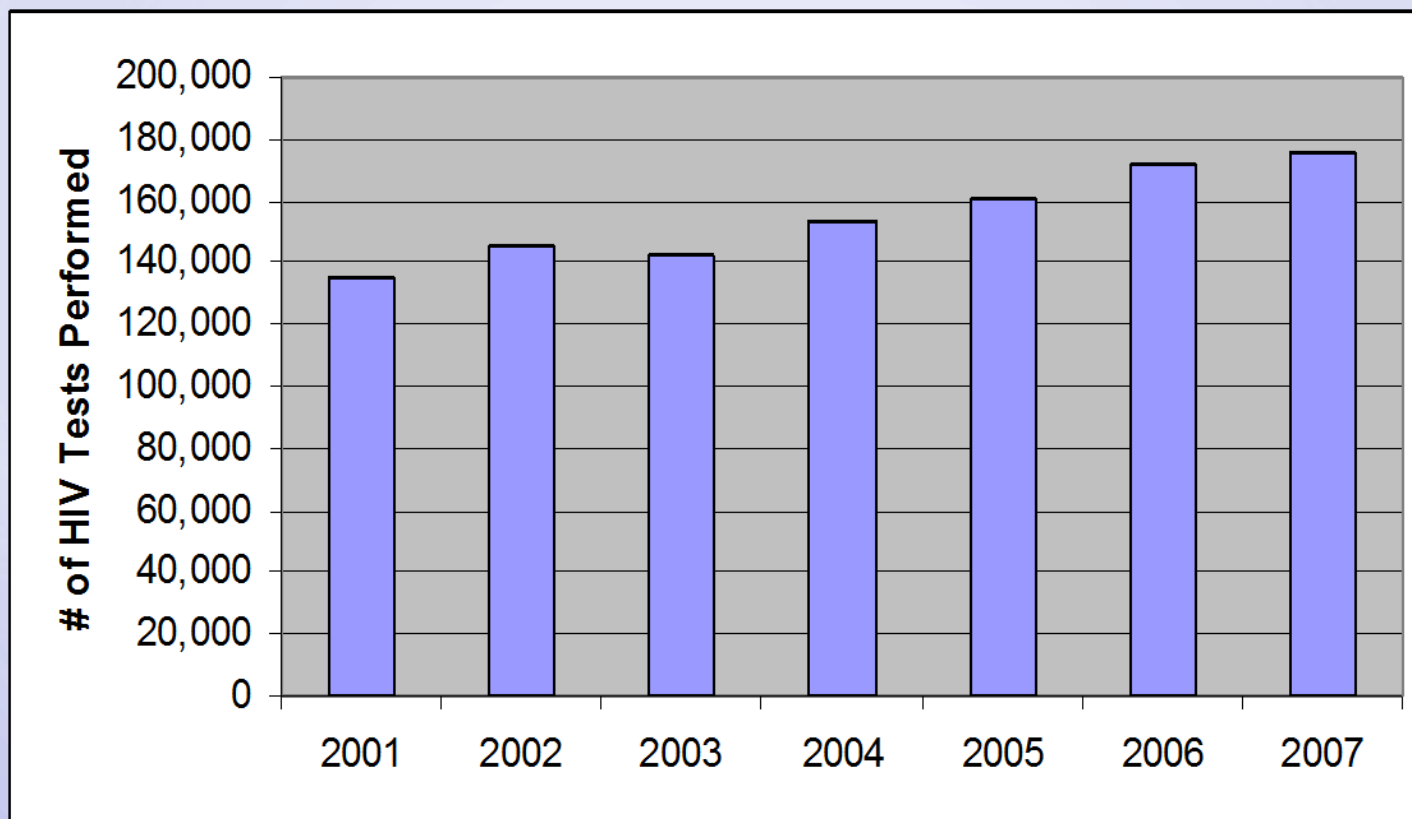
- How many people tested positive for HIV within BC;
- In most cases, what health region most of these people live in;
- In most cases, gender, age range, ethno-cultural background;
- In most cases, how they believe they became infected.

What we don't know from HIV surveillance data:

- Which are incident infections and which are prevalent infections;
- How many undiagnosed infections there are in BC;
- How many people are living with HIV in BC at present.

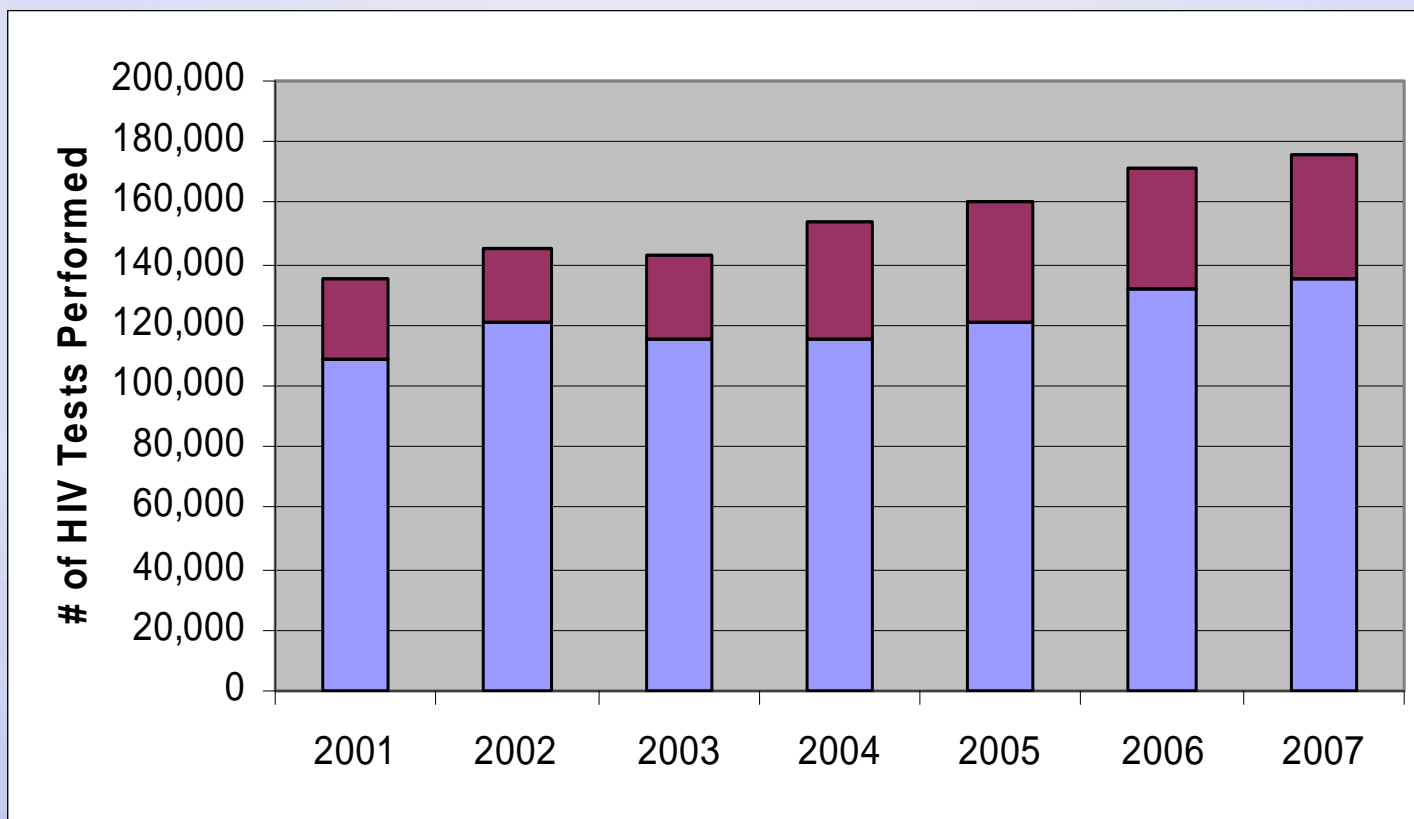


Number of HIV Tests Performed in BC, 2001-2007



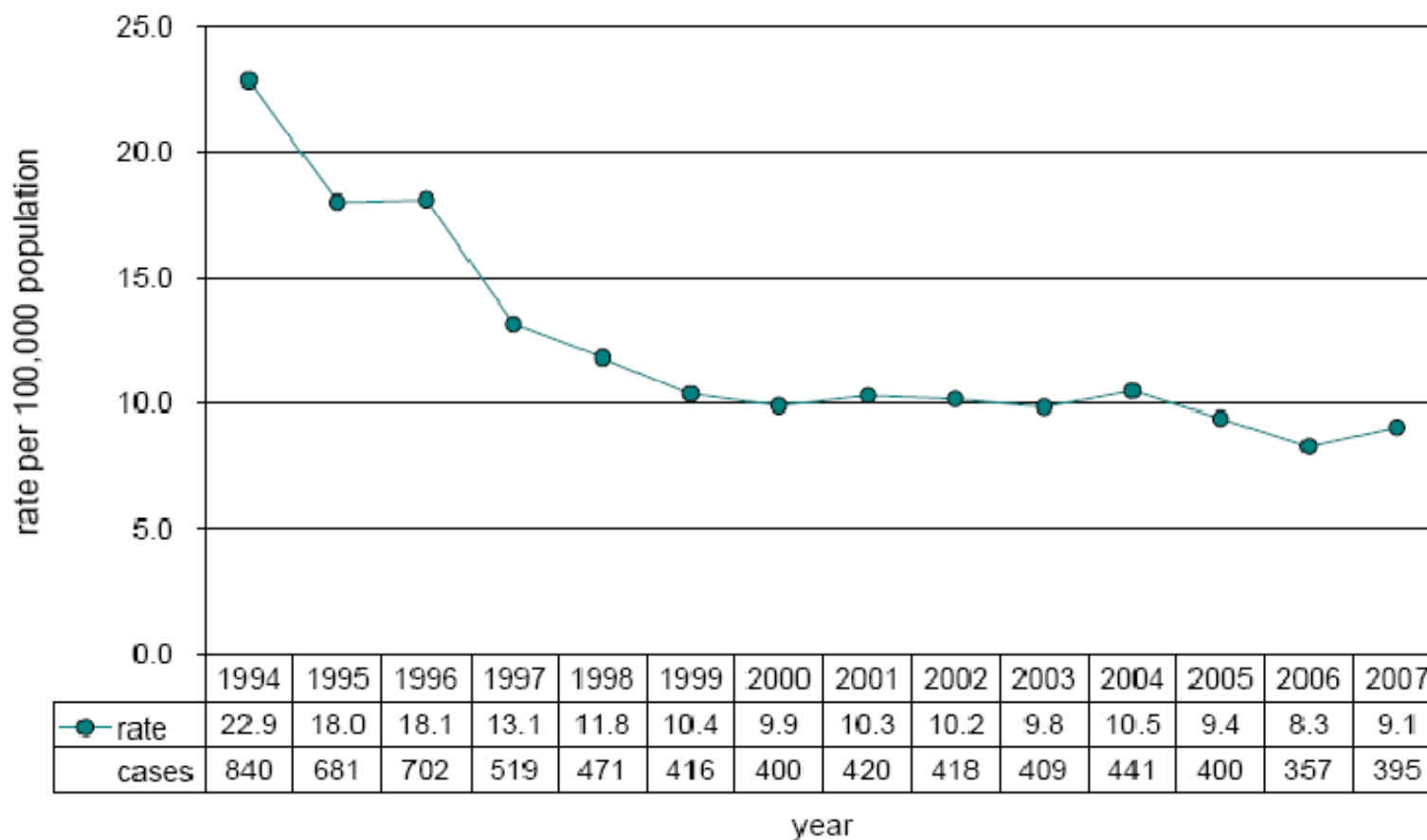


Number of HIV Tests Performed in BC, 2001-2007 Proportion Attributable to Prenatal Screening



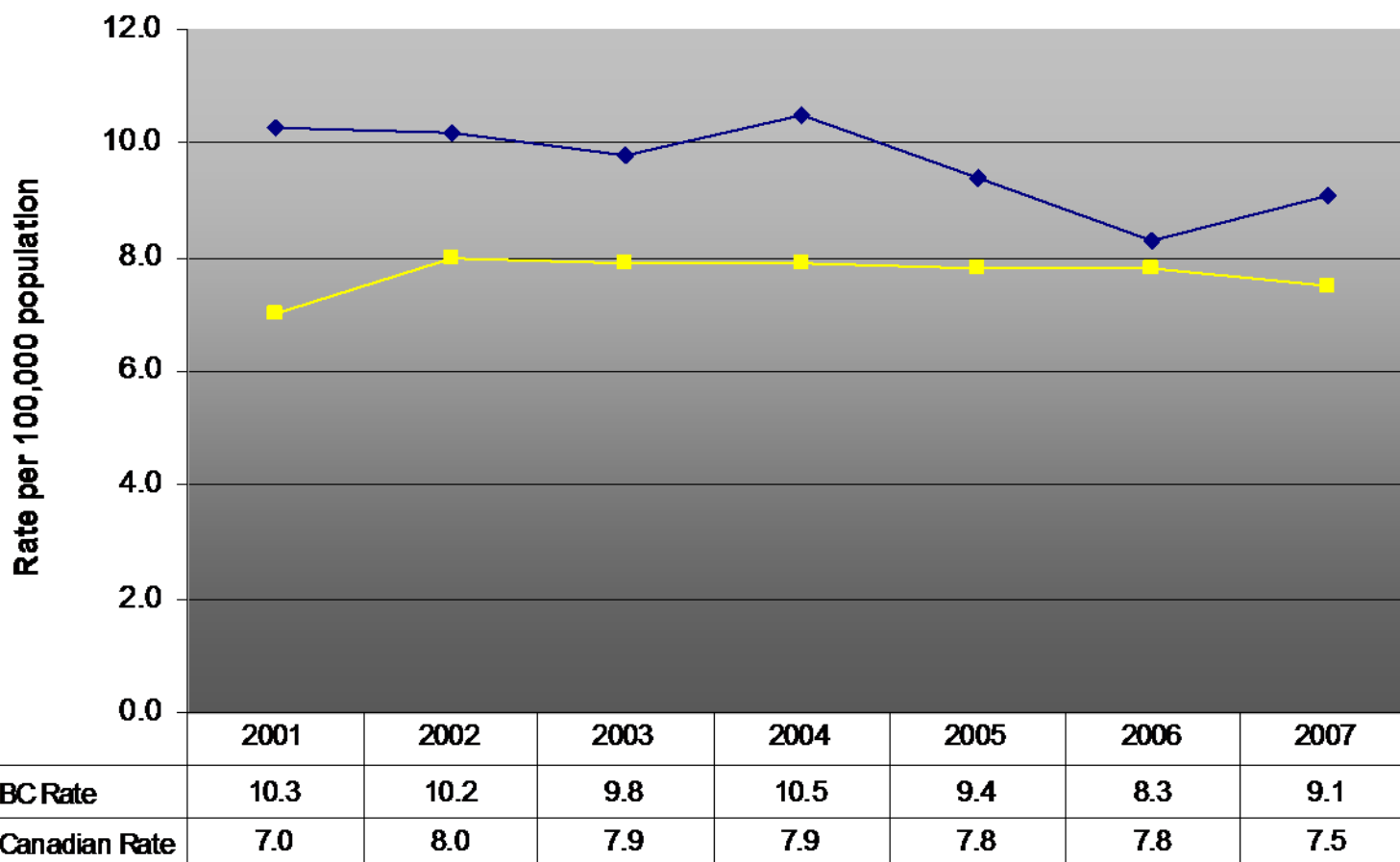


Persons Testing Newly Positive for HIV in BC by YEAR OF TESTING, 1994 to 2007



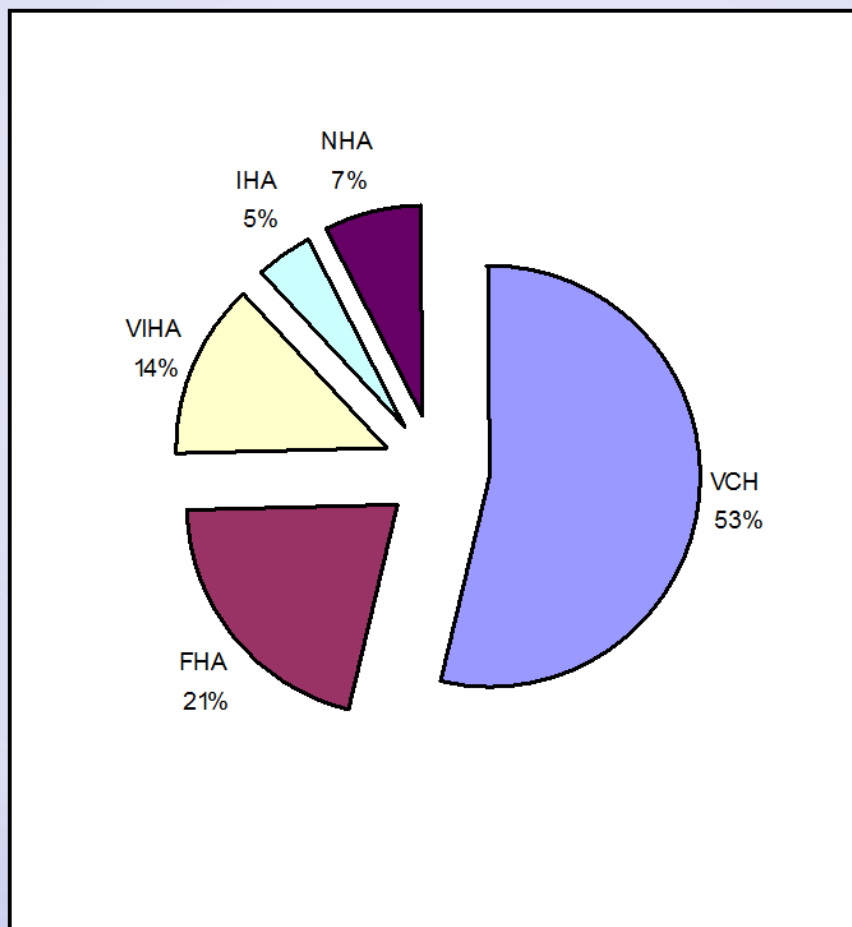


Rate of Persons Testing Newly Positive for HIV in BC and Canada, 2001-2007



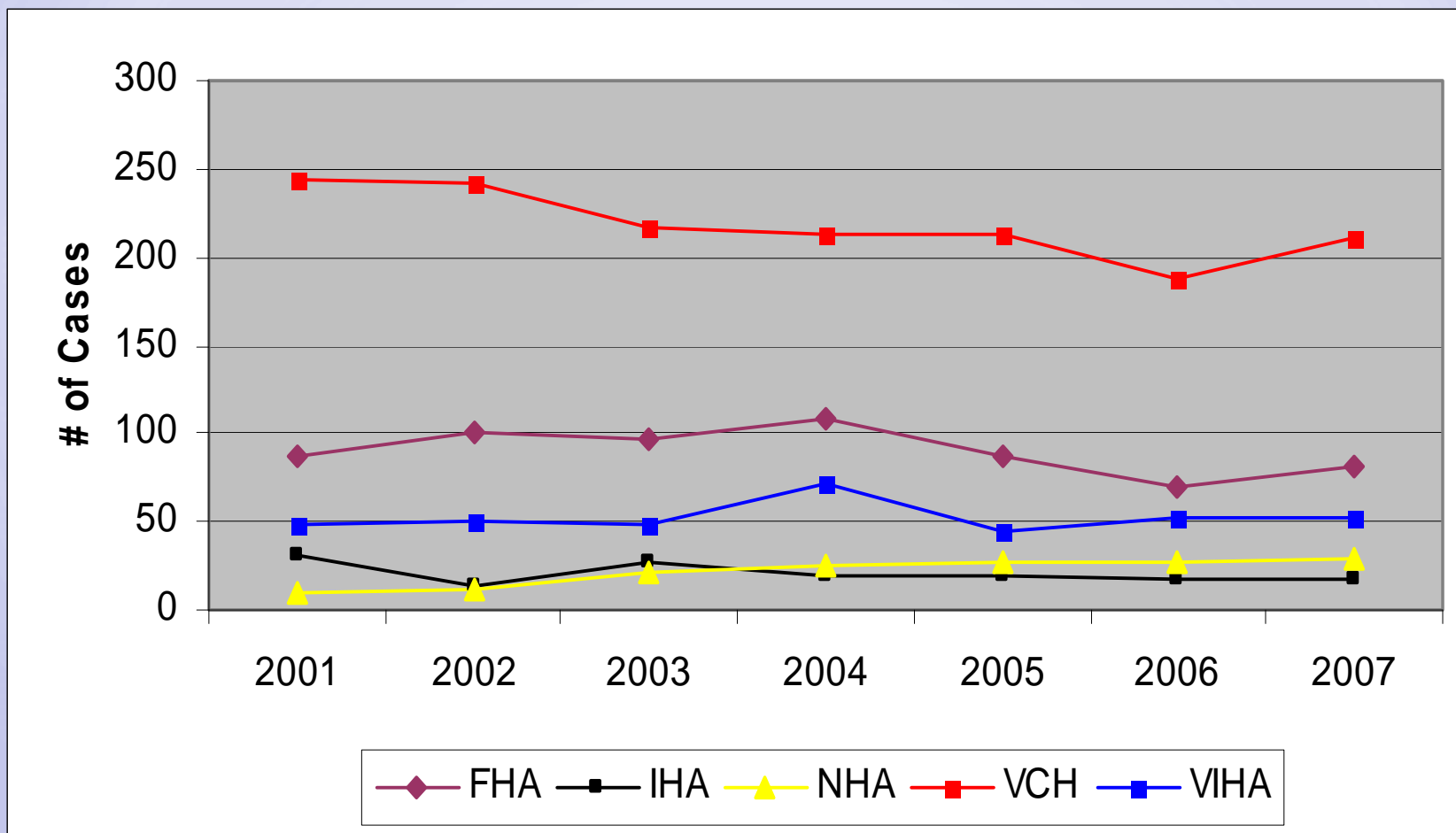


Percentage of Newly Reported HIV Infections by Health Region - 2007



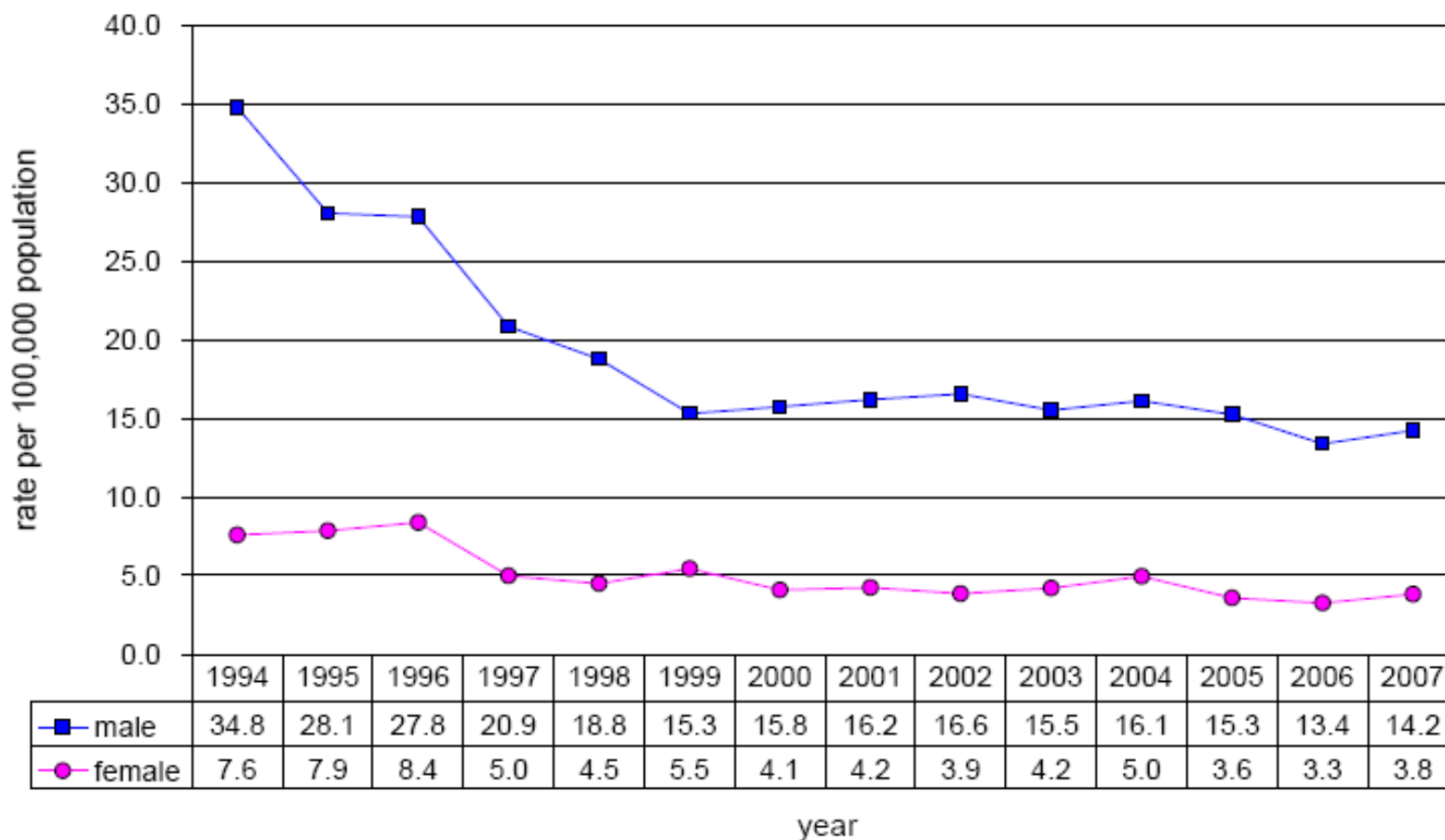


Number of People Testing Newly Positive for HIV by Health Authority, 2001-2007



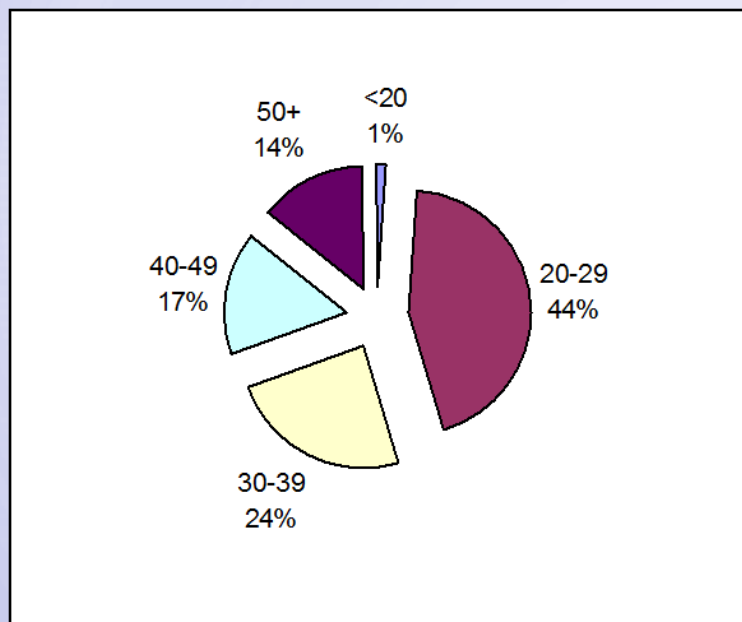


Persons Testing Newly Positive for HIV in BC by GENDER and YEAR OF TESTING, 1994 to 2007

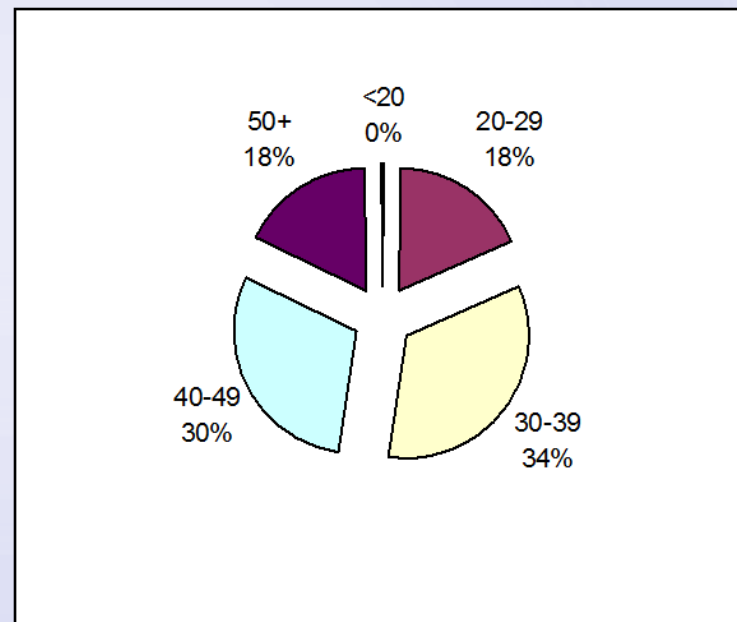




Persons Testing Newly Positive for HIV in BC by Age and Gender, 2007



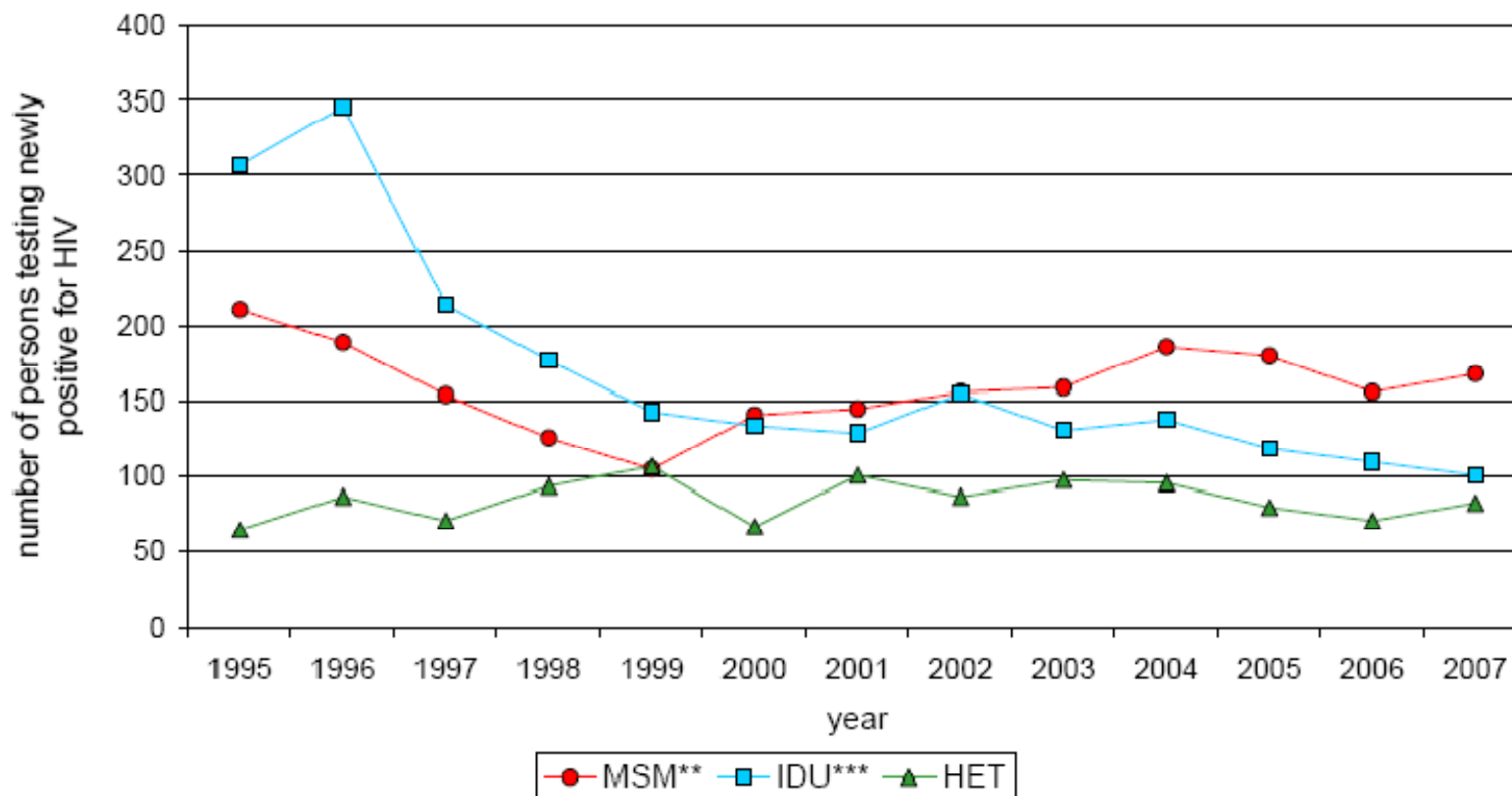
Females – 55% >29



Males – 82% >29



Persons Testing Newly Positive for HIV in BC by MAJOR RISK CATEGORY and YEAR OF TESTING, 1995 to 2007*



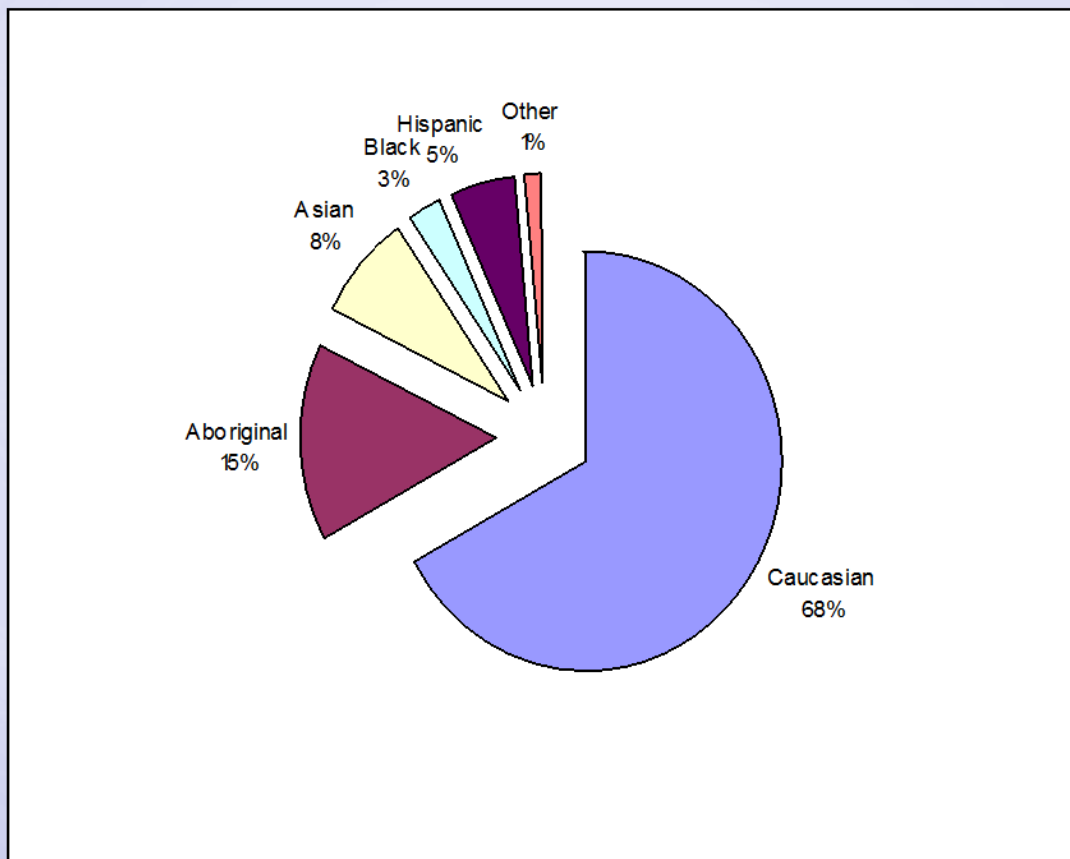
* 2007 numbers may change as case follow-up is completed.

** MSM includes MSM/IDU

*** IDU includes STW/IDU and W SW/IDU

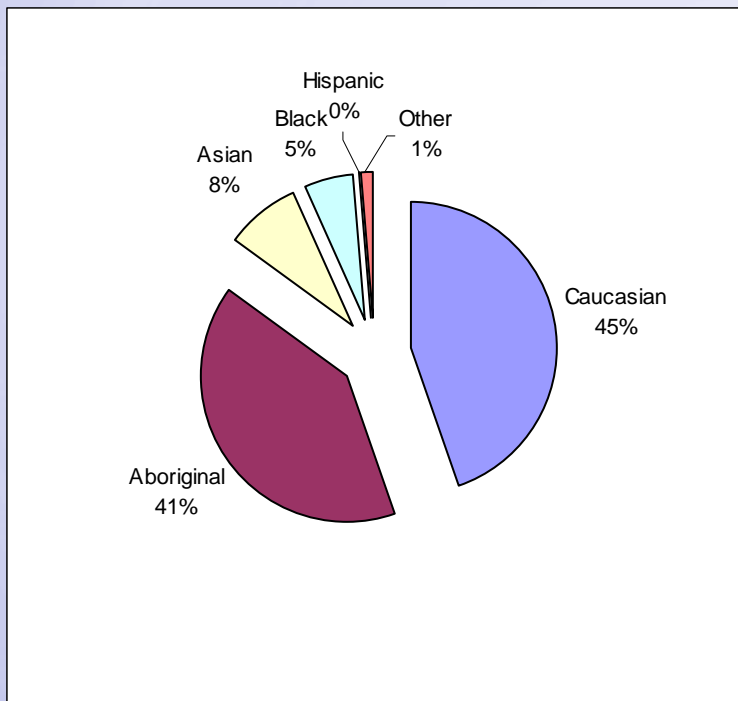


Newly Reported HIV Infections by Ethno-cultural Categories, 2007

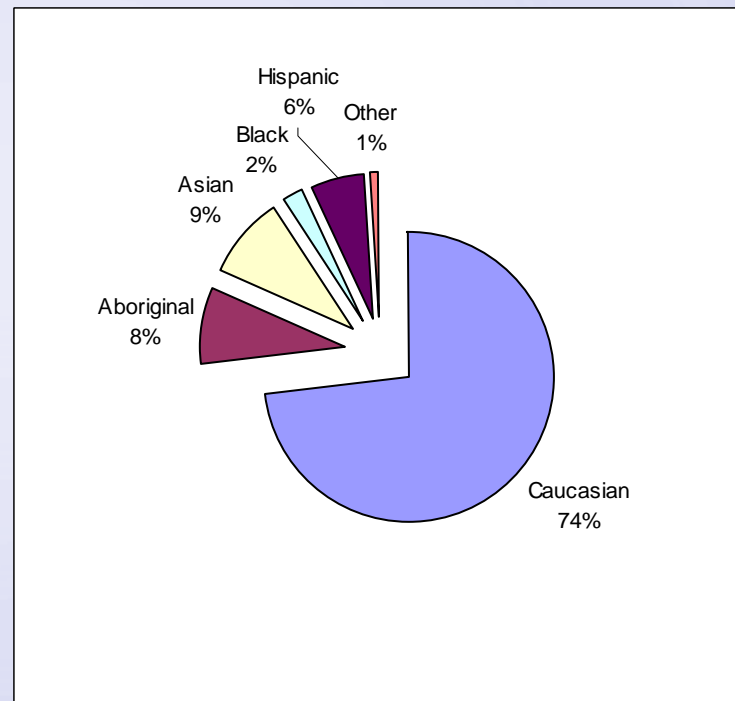




Newly Reported Infections by Ethno-cultural Categories and Gender, 2007



Females



Males



HIV Treatment Data

(Source: BC HIV Drug Treatment Program – BCCfE)

What we know from treatment data:

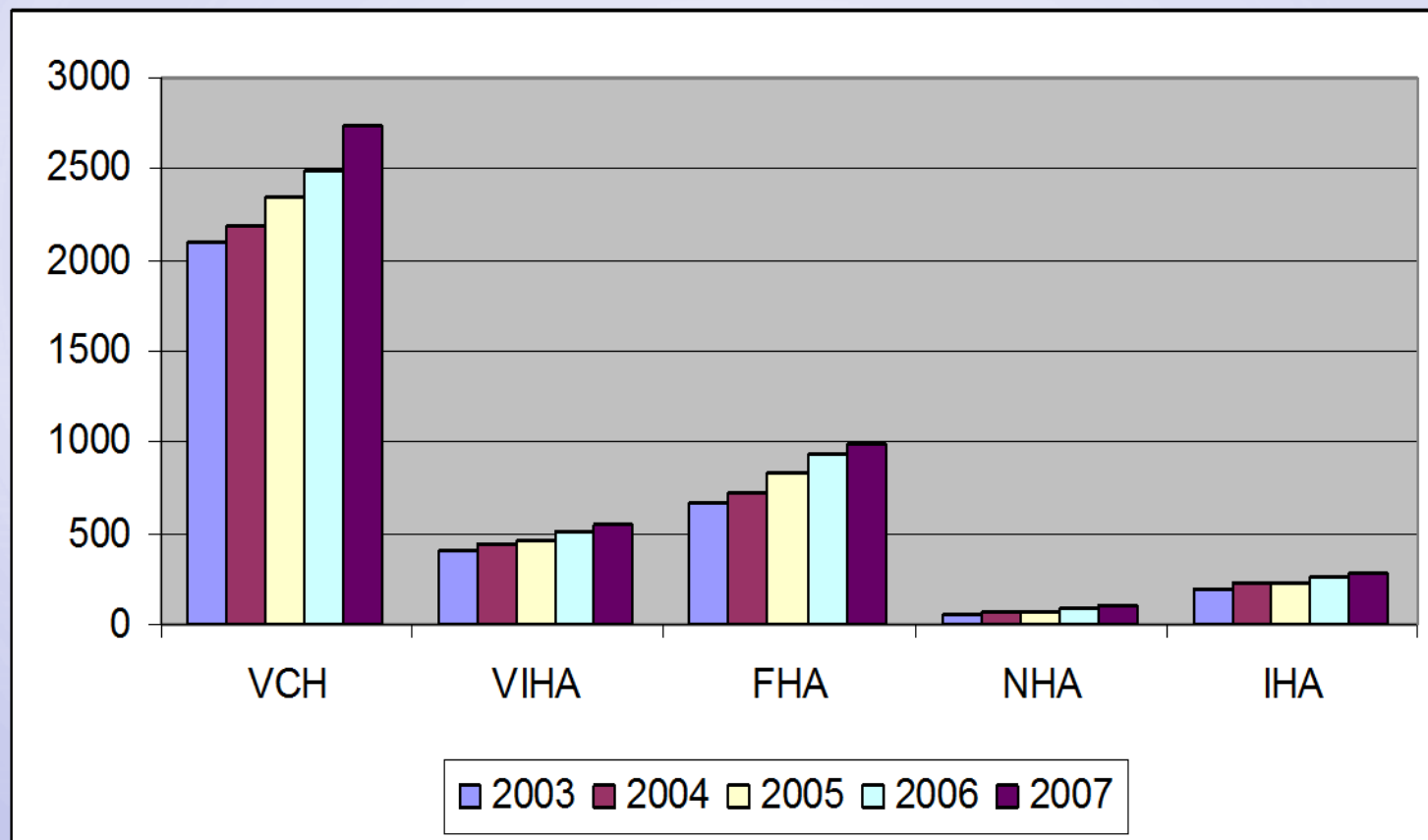
- The number of people actively on HAART in BC and accessing treatment through the BC HIV DTP;
- The number of people who are DTP participants but not actively on HAART;
- The number of people taking various combinations of ARVs;
- Median viral load counts for DTP participants;
- Median CD4 counts for DTP participants;
- Some characteristics such as gender, ethno-cultural background, etc.;
- Some level of access to care.

What we don't know from HIV treatment data:

- Who may need treatment but not have access to it.

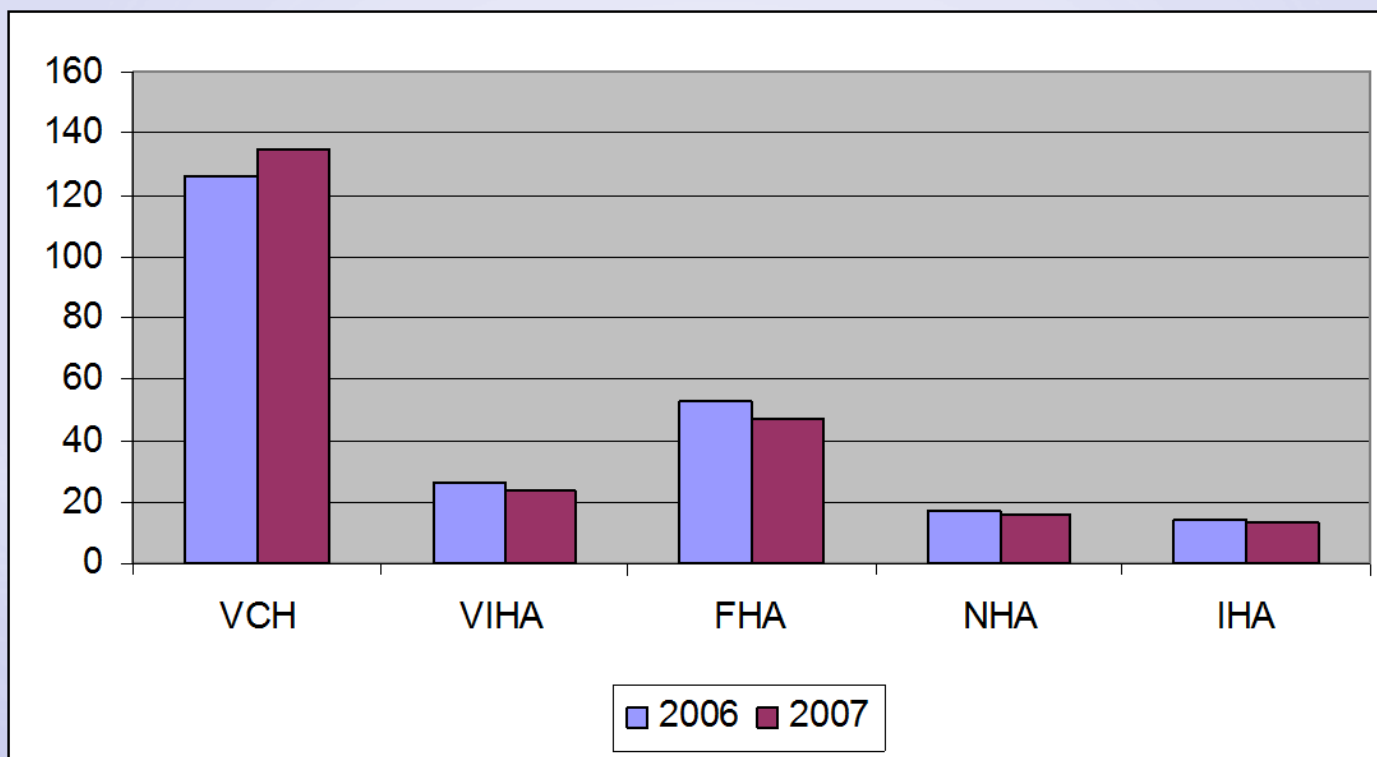


Number of Drug Treatment Program Participants on ARV Treatment by Health Authority of Residence, 2003-2007





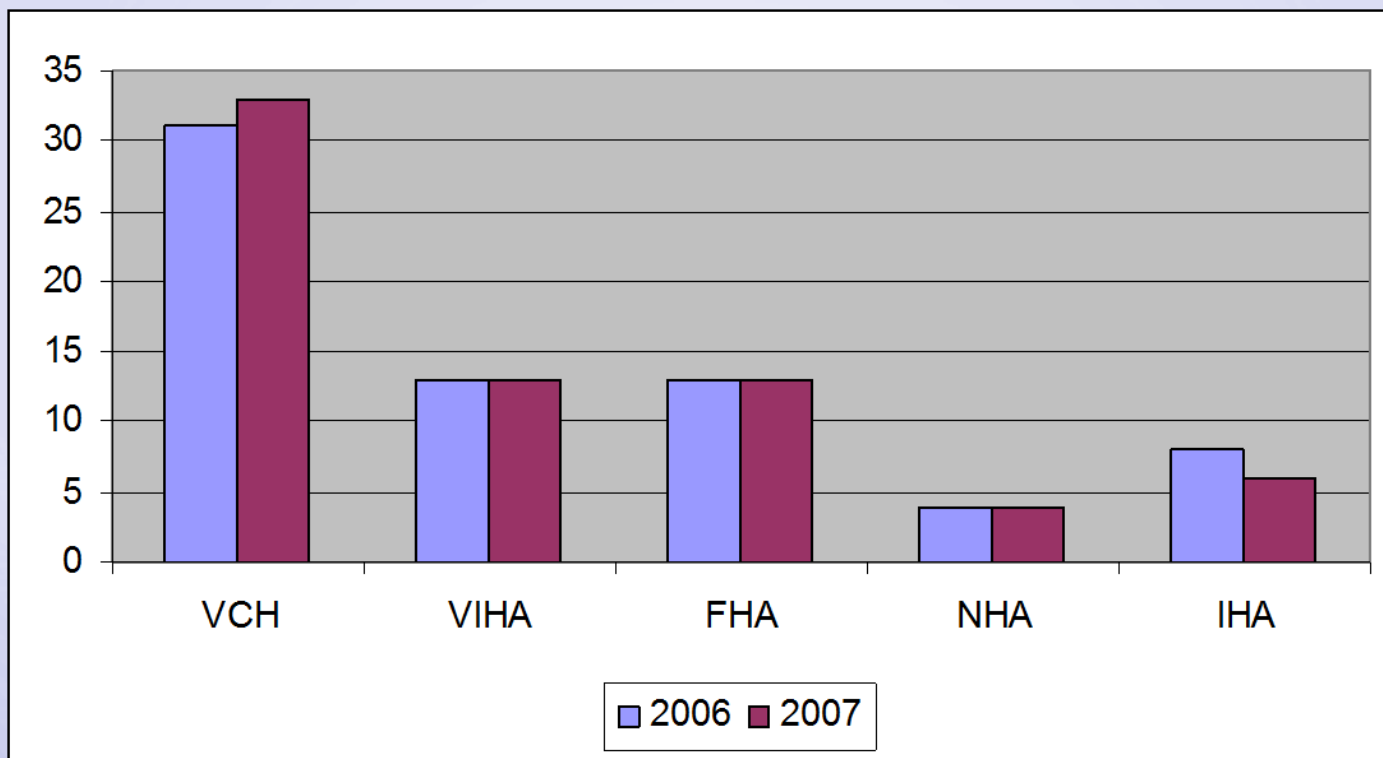
Number of Aboriginal HIV Drug Treatment Program Participants on ARV Treatment by Health Authority of Residence, 2006 & 2007



Males



Number of Aboriginal HIV Drug Treatment Program Participants on ARV Treatment by Health Authority of Residence, 2006 & 2007



Females