Changes in the Age Composition of the Population Living with HIV/AIDS in New York State, 2002-2007

Persons Living with HIV/AIDS (PLWHA)
Background

- With effective ARV treatment available, HIV is now a treatable disease
- No cure. A chronic disease
- Dramatic increases in survival with HIV
  - Life expectancy 30-35 years, if diagnosed early, 25 yrs of age, properly treated
- High likelihood that a PLWHA may die of other causes
Persons Living with HIV/AIDS

- HIV/AIDS Registry
- Matching
  - NYS Death Registry
  - National Death Registry
Persons Living with HIV/AIDS
By Age, New York State, end of year, 2002 and 2007*

* 2007 data are provisional

(2002 N=102,464) (2007 N=120,039)

Source: NYSDOH BHAE
Persons Living with HIV/AIDS
By Age, New York State, end of year, 2002 and 2007*

* 2007 data are provisional

Source: NYSDOH BHAЕ

- 2002 (N=102,464)
  - 12 & under: 5.1%
  - 13-19: 18.2%
  - 20-24: 38.9%
  - 25-29: 26.3%
  - 30-39: 38.3%
  - 40-49: 9.2%
  - 50-59: 60+

- 2007 (N=120,039)
  - 12 & under: 5.1%
  - 13-19: 18.2%
  - 20-24: 38.9%
  - 25-29: 26.3%
  - 30-39: 38.3%
  - 40-49: 9.2%
  - 50-59: 60+
Persons Living with HIV/AIDS
By Age, New York State, end of year, 2002 and 2007*

* 2007 data are provisional

Source: NYSDOH BHAE

- 2002 (N=102,464)
  - 23.3% 12 & under
  - 35.5% 50-59
  - 60+ 60%

- 2007 (N=120,039)
  - 20-24 13-19
  - 30-39 20-24
  - 40-49 25-29
  - 50-59 30-39
  - 60+ 40-49

2007 data are provisional.
Persons Living with HIV/AIDS
By Age, New York State, end of 2007*

73.8% of PLWHA are 40 and older (88,585)

* 2007 data are provisional

Source: NYSDOH BHAE
Persons Living with HIV/AIDS Age ≥50
New York State, end of year, 2002 and 2007*

* 2007 data are provisional

Source: NYSDOH BHAE
Percent Change by Age Group
PLWHA New York State, end of year, 2002 and 2007*

* 2007 data are provisional

Source: NYSDOH BHAE
New Diagnoses among 50 and Older, NYS, 2002-2007
New HIV and AIDS Diagnoses Among Men 50Yrs. of Age and Older
New York State, 2002-2007*

Source: NYSDOH BHAE
New HIV and AIDS Diagnoses Among Women 50Yrs. of Age and Older

New York State, 2002-2007*

Source: NYSDOH BHAE
New HIV Diagnoses Among 50 Yrs. of Age and Older, by Gender
New York State, 2002-2007*

* 2007 data are provisional

Source: NYSDOH BHAE
New HIV Diagnoses Among 50 Yrs. of Age and Older, by Race/Ethnicity
New York State, 2002-2007*

* 2007 data are provisional

Source: NYSDOH BHAE
PLWHA 50 and Older, NYS, 2002-2007
PLWHA 50 Years of Age and Older, by Gender New York State, 2002-2007*

* 2007 data are provisional

Source: NYSDOH BHAE
Percent Change Among 50 and Older by Gender
PLWHA New York State, end of year, 2002 and 2007*

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>% of change</td>
<td>75%</td>
<td>69%</td>
<td>94%</td>
</tr>
</tbody>
</table>

* 2007 data are provisional

Source: NYSDOH BHAE
Service Delivery Data

- Quality of Care
- Medicaid
- AIDS Reporting System (AIRS)
NYS Quality of Care Program
Analytics Sample Demographics: Age

2007 (n=10,435)

- 13-24 years: 1.1%
- 25-49 years: 63.8%
- 50-59 years: 26.8%
- 60-69 years: 6.1%
- 70+ years: 2.3%

50 and older: 34%

Source: NYS HIV QOC Program
Medicaid, 2007

Older/Mature Patients

Medical Care*

- 40 yrs. and older: 65.5%
- 50 yrs. and older: 29%

N=64,652

COBRA (Case Management)

- 50 yrs. and older: 59%
- 50 yrs. and older: 20%

N=12,488**

* Fee-for-service only. Excludes Medicaid Managed Care
** Excludes 1,377 with unknown age
Patients Receiving Services at St. Vincent’s Hospital, 2002-2007

72% of the HIV+ patients seen at SVH in 2007 were 40 years of age or older.

Source: AIRS (AIDS Reporting System)
HIV and Other Chronic Diseases

- Diabetes
- Metabolic diseases (other than diabetes)
- Cardiovascular diseases (CVD)
- Selected cancers
- Risk factors
Diabetes Among PLWHA, NYS, 1996-2005

Per 100,000 discharges

Per 100,000 Medicaid Recipients
Metabolic Diseases Among PLWHA, NYS, 1996-2005

Metabolic Diseases
(other than Diabetes)
CVD Among PLWHA, NYS, 1996-2005

Source: SPARCS

Source: Medicaid
Lung Cancer Among PLWHA, NYS, 1994-2002

Per 100,000 HIV/AIDS discharges

Source: SPARCS
Cancers of the Larynx and Oropharynx Among PLWHA, NYS, 1994-2002

Source: SPARCS
Cancers of the Anus & Liver Among PLWHA, NYS 1994-2002

Source: SPARCS
Modifiable Risk Factors for Chronic Diseases

- Smoking
- Physical activity
- Diet

And among PLWHA...
high prevalence of HPV, HCV, HBV…
# Smoking Prevalence among PLWHA Receiving Care in NYS 2005

<table>
<thead>
<tr>
<th>Use Status</th>
<th>N</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Currently Use</td>
<td>638</td>
<td>59.2</td>
</tr>
<tr>
<td>Used in the Past</td>
<td>264</td>
<td>24.5</td>
</tr>
<tr>
<td>Never Used</td>
<td>175</td>
<td>16.3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1077</td>
<td>100</td>
</tr>
</tbody>
</table>

Tesoriero, J et al. Smoking Among HIV Positive New Yorkers: Prevalence, Frequency, and Opportunities for Cessation. AIDS Behav 2008; Sep. 7

NYS DOH AIDS Institute
Smoking Among PLWHA vs General Population in NYS

HIV +

General Pop.

Sources: Tesoriero, J et al. and BRFSS, 2006
It's time to live

HIV and Smoking

People with HIV or AIDS are living longer, healthier lives. But, a lot of people with HIV or AIDS, between 60% and 70%, still smoke cigarettes. If you have HIV or AIDS and you smoke, you put a lot of extra stress on your body. Smoking can lead to many serious health problems — like lung cancer, stroke, and heart disease. Quitting is one of the biggest steps you can take to stay healthy.

This brochure shows how HIV and smoking work together to harm your body. It explains how your health gets better as soon as you quit smoking and gives you advice on how to quit.

and every part of your body.

HIV-positive smokers get more infections and have more serious health problems.

If you want to quit, we offer free help.

Call the New York State Smokers’ Quitline at 1-866-NY-QUITS (1-866-697-8487).
Action Steps

- HIV and Aging Forum, 12/7/09
  - To elicit community-wide input into changes in policies/programs
- Retooling health care and prevention programs
- Survey of modifiable risk factors for chronic diseases among PLWHA in care
  - Physical activity
  - Diet
  - Smoking
Action Steps

- Partnerships with relevant non-HIV agencies and initiatives
  - NYS Office for the Aging
    - ACRIA trainings to HIV providers and senior citizens centers across NY
  - NYC Office of the Aging
  - AARP
- Other…