Bending the Curve
An Important Milestone in Ending the AIDS Epidemic

Decreasing new HIV infections to reduce the number of persons living with HIV in New York State for the first time.
The nation, as a whole, has seen no decrease in the number of HIV diagnoses.

New York State
- 40 percent reduction over the last decade.
- Decreases seen in HIV incidence across all races and risk groups.
| HIV | • Transmission via blood products – ELIMINATED.  
|     | • Mother to child transmission - ELIMINATED (per CDC's definition) in 2013.  
|     | • Injection drug use-related HIV DECREASED 90% since 1990s.  
|     | • To bend the curve, a 3-point program to reduce continuing HIV transmission is needed. |
Bending the Curve

Reduction in new HIV infections

• Reduce from 3,000 to 750 new HIV infections per year by 2020;
• Decrease the number of New Yorkers living with HIV for the first time.
BENDING THE CURVE
3-POINT PROGRAM

1. Identify all persons with HIV who remain undiagnosed and link them to health care.
2. Link and retain those with HIV in health care, to treat them with anti-HIV therapy to maximize virus suppression so they remain healthy and prevent further transmission.
3. Provide Pre-Exposure Prophylaxis (PrEP) for high risk persons to keep them HIV negative.

**Diagnosis Gap:**

154,000 estimated HIV infected persons

132,000 persons diagnosed with HIV

22,000 undiagnosed persons need to be diagnosed and linked to care.

**Treatment Gap:**

132,000 estimated HIV infected persons

68,000 virally suppressed

64,000 persons currently diagnosed need therapy to achieve viral suppression

**Total Gap:**

86,000 persons needing diagnosis and treatment
**BENDING THE CURVE:**
**KEY POLICIES ALREADY ENACTED**

<table>
<thead>
<tr>
<th>Identify all persons with HIV who remain undiagnosed and link them to health care.</th>
<th>2014 amendment to the NYS HIV Testing Law (PHL 2781) that allows the elimination of written consent for HIV testing to promote routine screening.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Link and retain all persons diagnosed with HIV in health care to maximize virus suppression so they remain healthy and prevent further transmission.</td>
<td>2014 amendment to the NYS HIV Testing Law (PHL 2135) that allows for enhanced data sharing between health departments and current health care providers for purposes of patient linkage and retention in care.</td>
</tr>
<tr>
<td></td>
<td>30% rent cap to maintain 10,000 HIV infected persons in stable housing resulting in increased retention and adherence in care.</td>
</tr>
</tbody>
</table>
Investment and Outcomes

- Medicaid has successfully **negotiated supplemental rebates** with three pharmaceutical companies representing 70% of the HIV market to enable the State to stay within the Global Cap.

- Increased HIV medication costs will **pay for themselves** over time.

- Each **infection averted** saves almost $400,000 in **lifetime medical costs**.

- Bending the curve saves the state an **additional $317 million** by 2020.

- Prevent 3,420 new cases of HIV.
BENDING THE CURVE

Total New Yorkers living with HIV/AIDS:
- 150,000

New HIV infections:
- 3,000

HIV/AIDS deaths:
- 750

Year
- 2000
- 2014
- 2020
- 2025
CHANGING THE HEADLINES:

“New York State, where AIDS Began, Bends the Curve for the first time”

First Report of AIDS (1981): “During the past 30 months, Kaposi’s sarcoma (KS), an uncommonly reported malignancy in the United States, has been diagnosed in 26 homosexual men (20 in New York City (NYC))...” (July 3, 1981)