



Ending the HIV Epidemic: A local perspective from Baltimore

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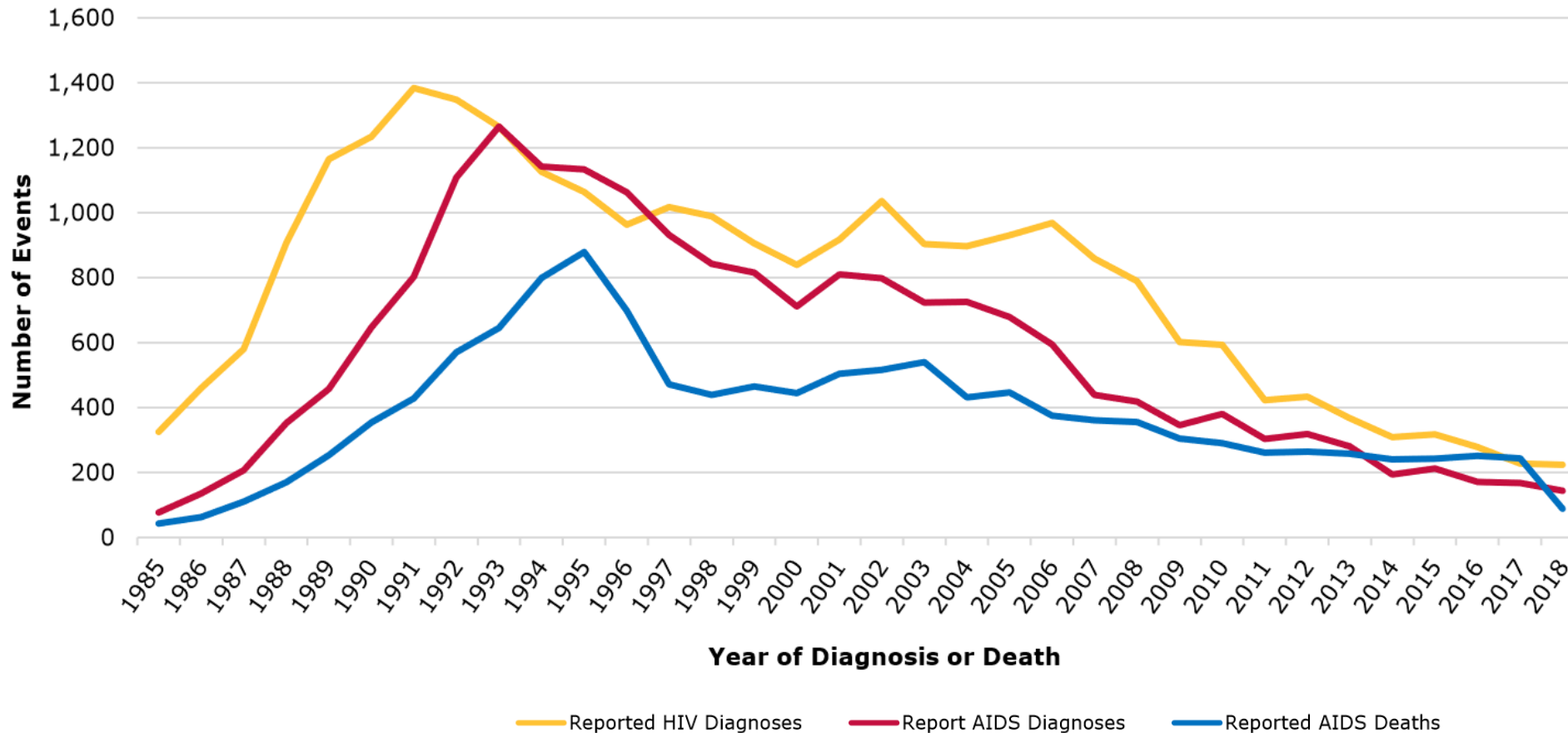
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HIV Diagnoses, Baltimore 1985 - 2018



- 80% decrease new infections
- 1,831 people living with HIV per 100,000 population
- 1 in 33 men and 1 in 73 women in Baltimore are living with HIV
- 36.6% new infections <30 years old



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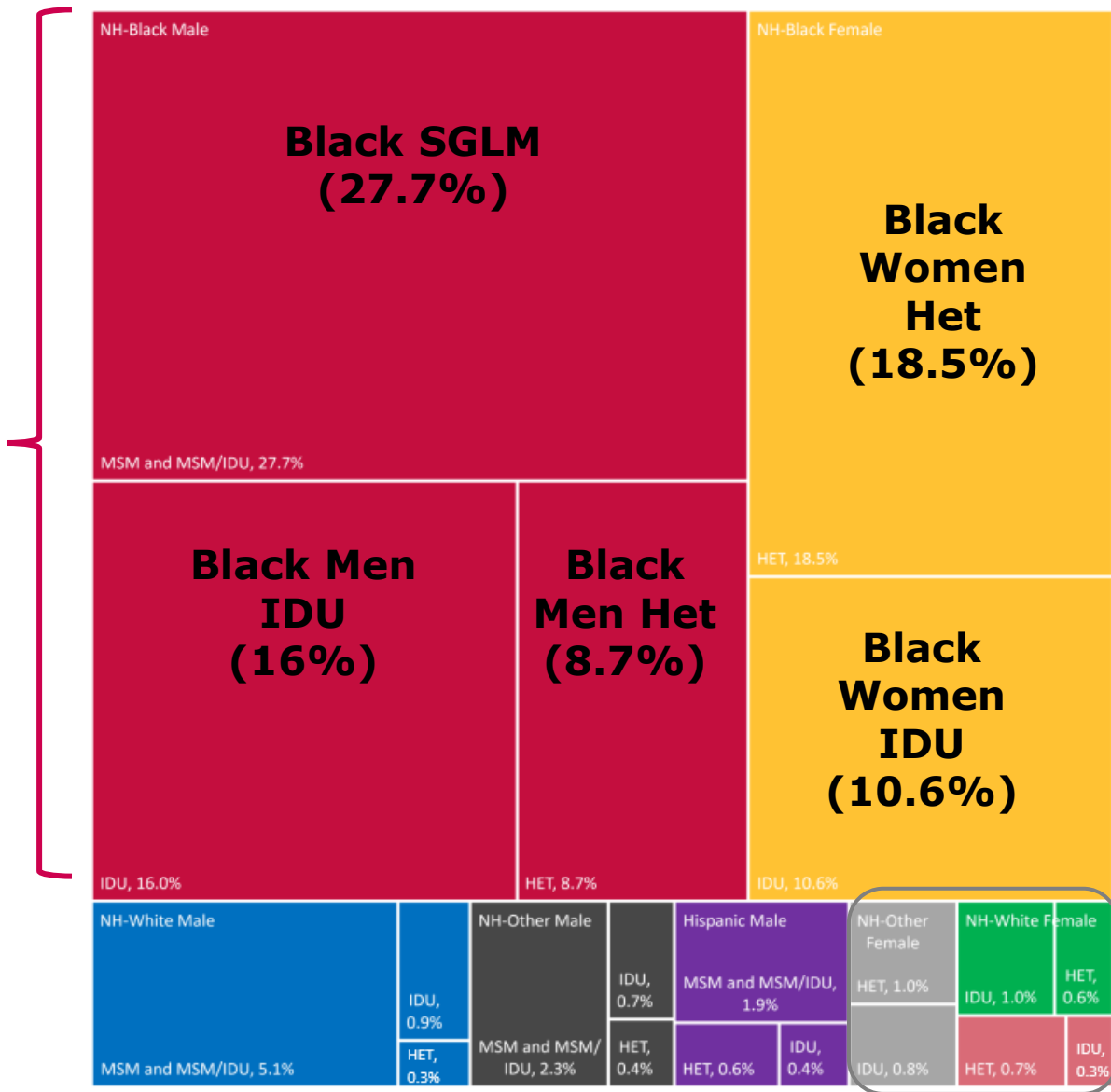
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Source: Baltimore City Annual HIV Epidemiological Profile 2018. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD 2019.



Proportion of Total People Aged 13+ Living with Diagnosed HIV, by exposure category, race/ethnicity, and sex at birth, 2018

**Black Men
Total: 52.4%**

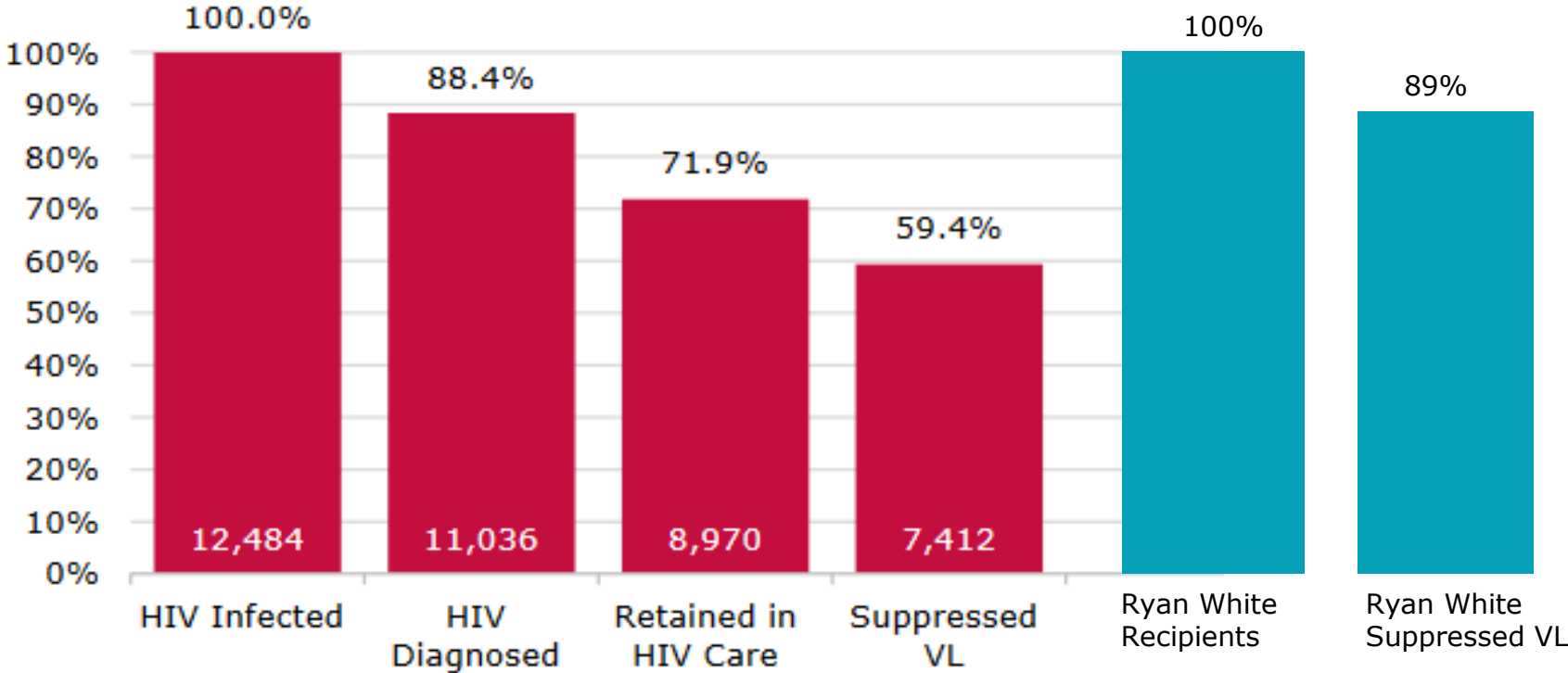


**Women
Total: 33.5%**

**White, Hispanic,
and women who
identify as other
races/ethnicities
(4.4%)**

Source: Baltimore City Annual HIV Epidemiological Profile 2018. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD 2019.

HIV Care Cascade, Baltimore City, 2018*



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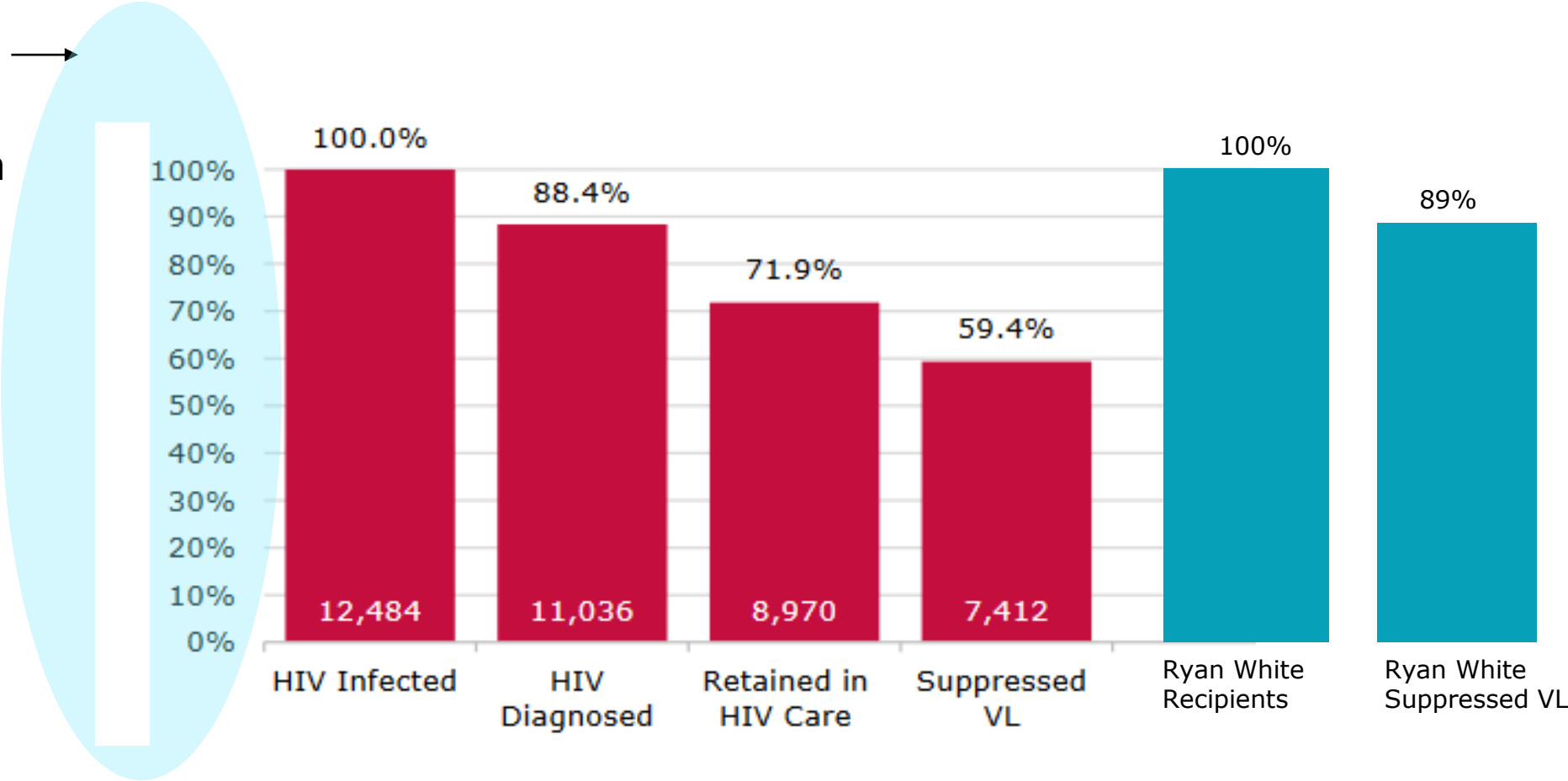
*Prevalence-based estimate.
Source: Baltimore City Annual HIV Epidemiological Profile 2018. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD 2019; HRSA 2018 Client Level Data Report, Baltimore EMA.



HIV Care Cascade, Baltimore City, 2018*

Work before the work →

- Stigma
- Medical/public health mistrust
- Status neutral care



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*Prevalence-based estimate.
Source: Baltimore City Annual HIV Epidemiological Profile 2018. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD 2019; HRSA 2018 Client Level Data Report, Baltimore EMA.



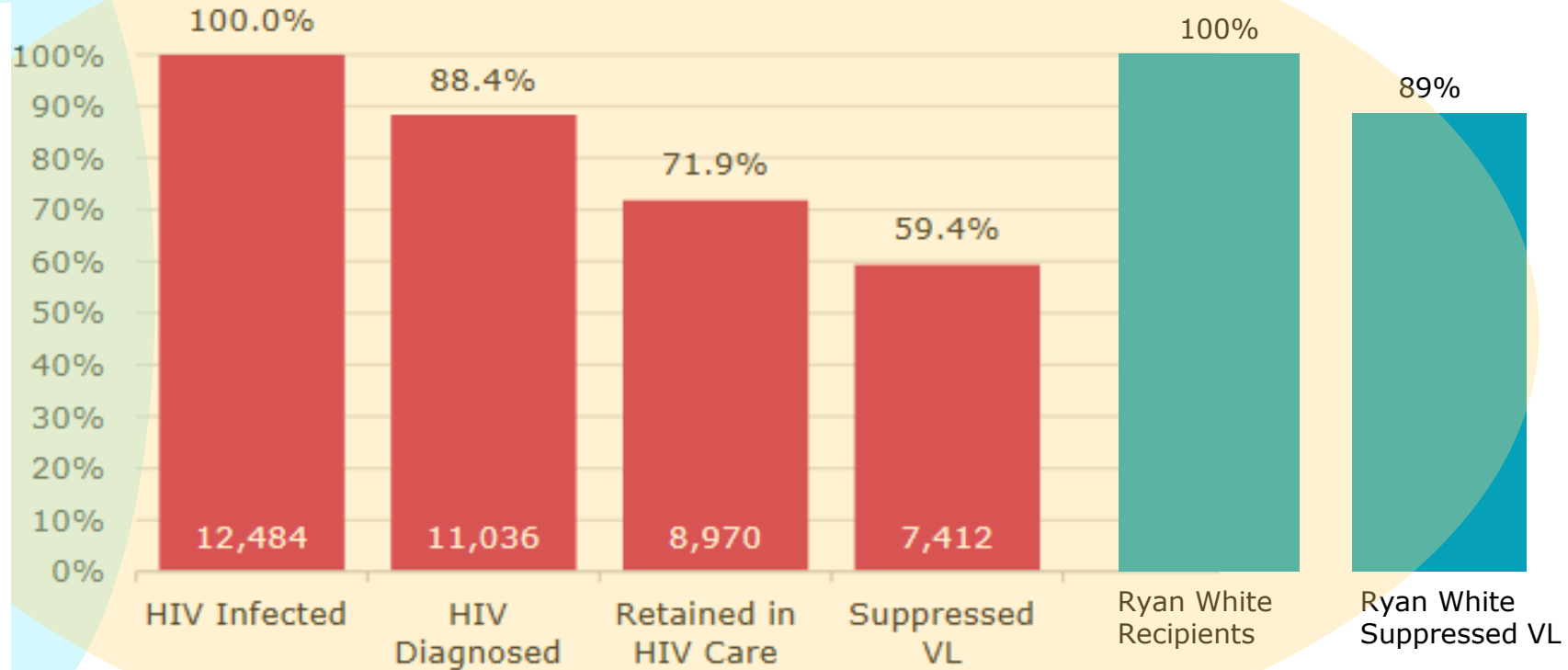
HIV Care Cascade, Baltimore City, 2018*

Work before the work →

- Stigma
- Medical/public health mistrust
- Status neutral care

Work around the work →

- Co-endemics
 - HCV
 - Drug Use
 - Syphilis
- Social determinants
 - Poverty
 - Homelessness
 - Mental health
 - Access to food



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*Prevalence-based estimate.

Source: Baltimore City Annual HIV Epidemiological Profile 2018. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD 2019; HRSA 2018 Client Level Data Report, Baltimore EMA.



Social determinants in Baltimore

- 20 year difference in life expectancy between neighborhoods
- 31% city's youth have 2 or more adverse childhood experiences
(US average: 23%)
- 18% population lives below the poverty level
(US average: 13%)



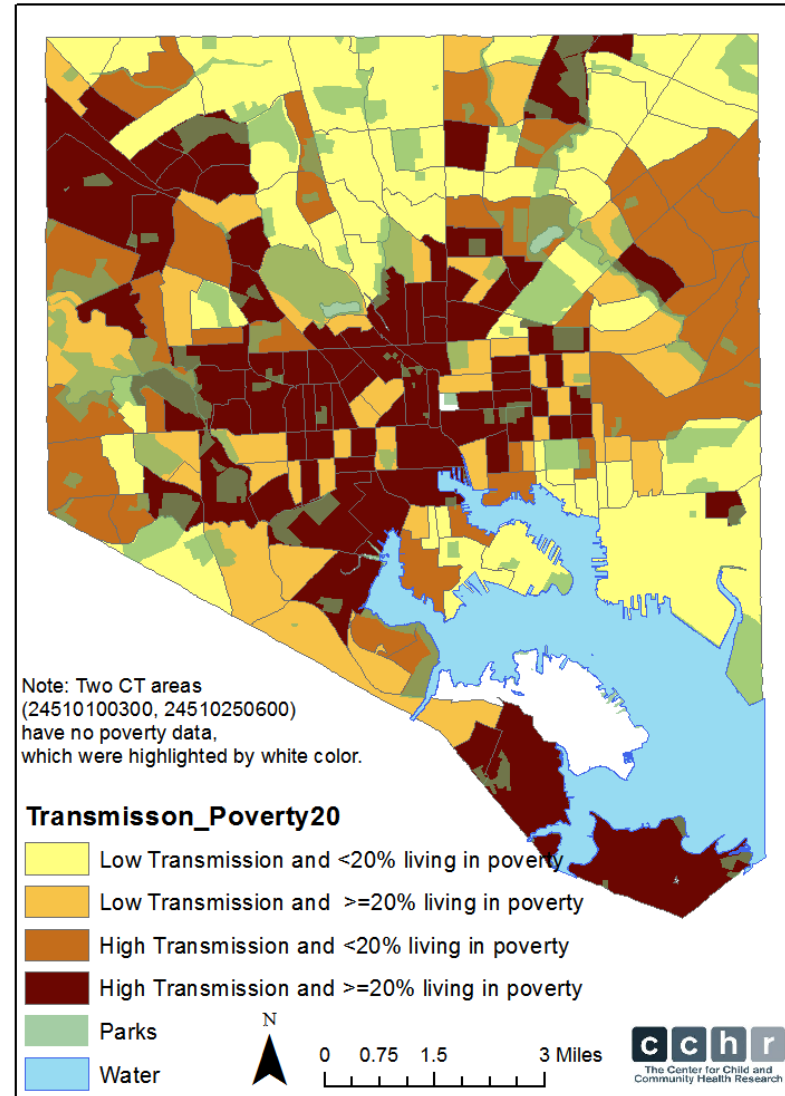
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Sources: BCHD calculations of data provided by the Maryland Department of Health Vital Statistics Administration; American Community Survey, 2018, 1-year estimate, Table S1701;
<https://www.childhealthdata.org/docs/default-source/local-area-synthetic-estimates/adverse-childhood-experiences-among-baltimore-maryland-s-children.pdf>



HIV Transmission and Poverty, Baltimore City



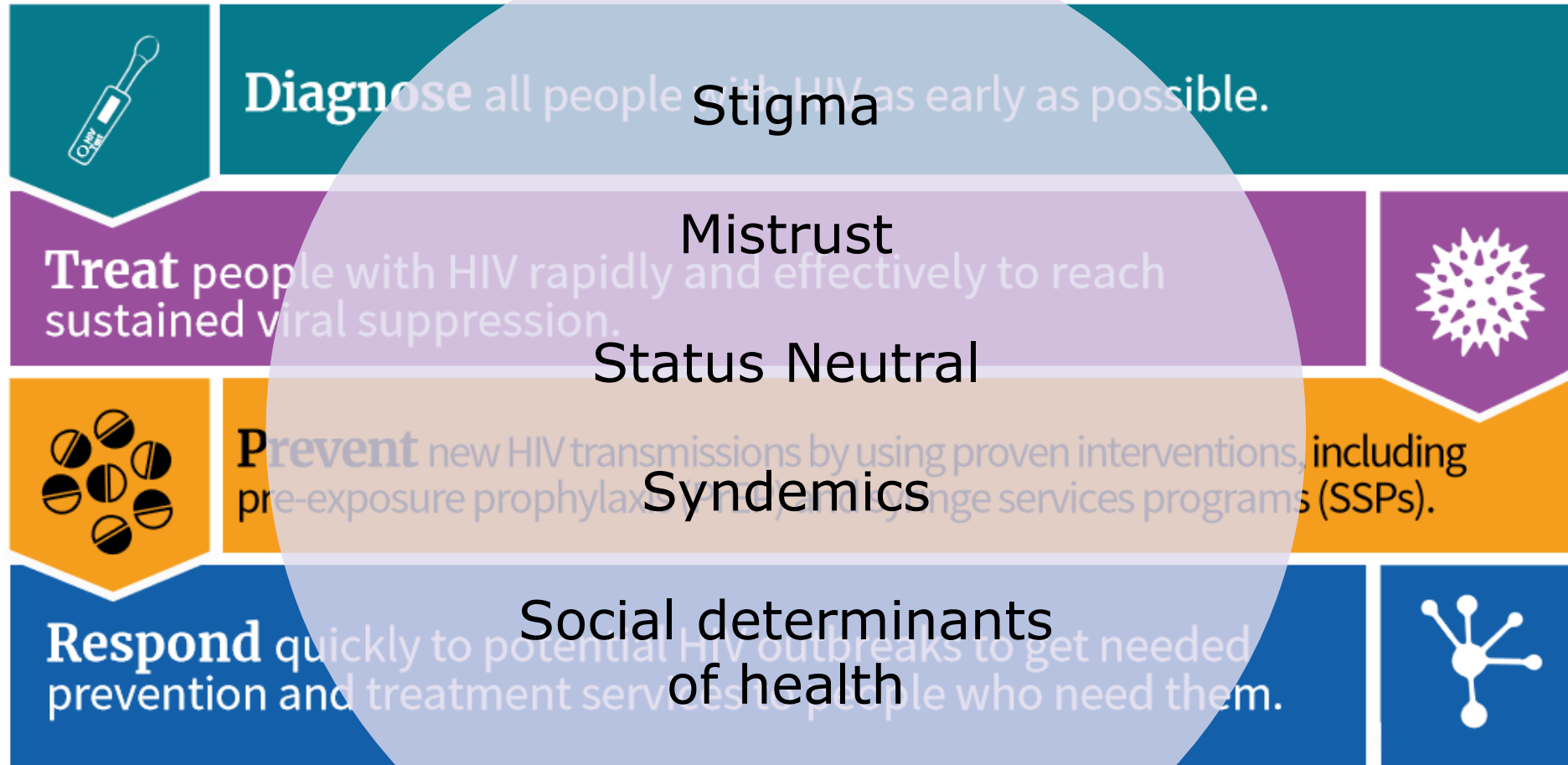
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Source: Baltimore City Health Department, Maryland Department of Health and Mental Hygiene,
2012 American Community Survey.



Ending the HIV Epidemic: A Plan for America



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EHE Pilot Initiatives

DIAGNOSE

- Home self-testing (STI and HIV)
- New clinical partner (ED)
- Expanded non traditional testing (SSP & youth)

TREAT

- Provider response warm line
- Getting to zero
- Linkage to care

PREVENT

- PrEP navigation in FQHCs
- Transgender persons friendly engagement, empowerment, and training
- Undetectable=Untransmittable campaign
- Provider detailing

RESPOND

- Collaboration with MDH
- DIS response

WORK FORCE

- Trauma informed training and self-care support for outreach staff
- Cross-departmental outreach staff training in HIV/STI

Community engagement and awareness

- Listening sessions
- Media campaign
- Storytelling
- Social innovation and design



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Social Marketing

GOAL:

75%
reduction in new
HIV infections
in 5 years
and at least
90%
reduction
in 10 years.

www.hiv.gov

CS302517B

Social Innovation

Systemic change
Self advocacy
Grassroots
Empathy
Pride
Thrive



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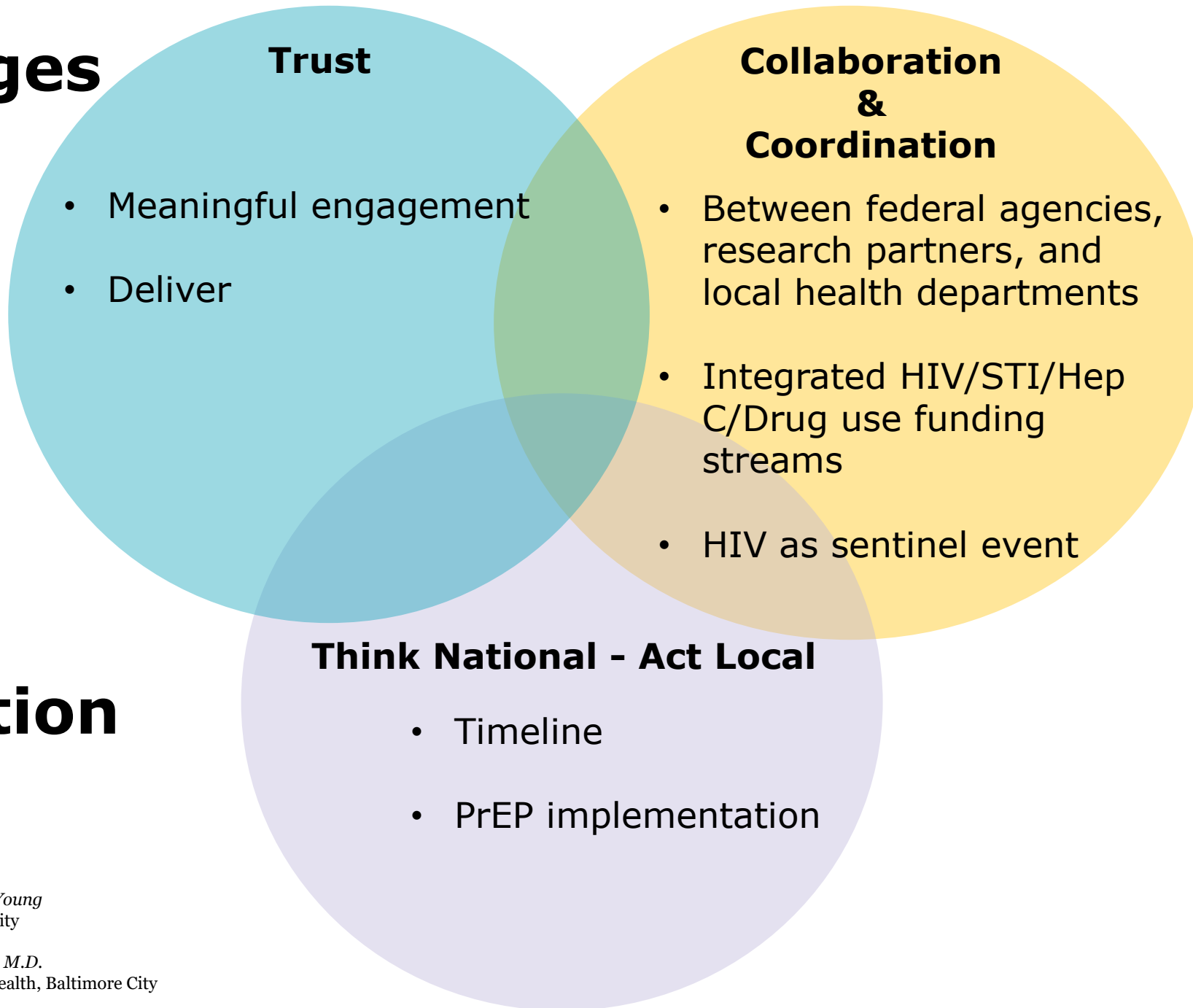
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Challenges



Innovation



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Next steps in innovation

- Incorporation STI's and opioid and other drug use epidemic
- Incorporate EHE into ongoing and successful HIV prevention and treatment work
- Surveillance activities foundation
- Innovative delivery of Ryan White services
- Reporting enhances work
- Vaccine and cure
- Social determinants of health
- Stigma
- Community engagement



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