





Baltimore City Health Department Clinical Services and HIV/STD Prevention

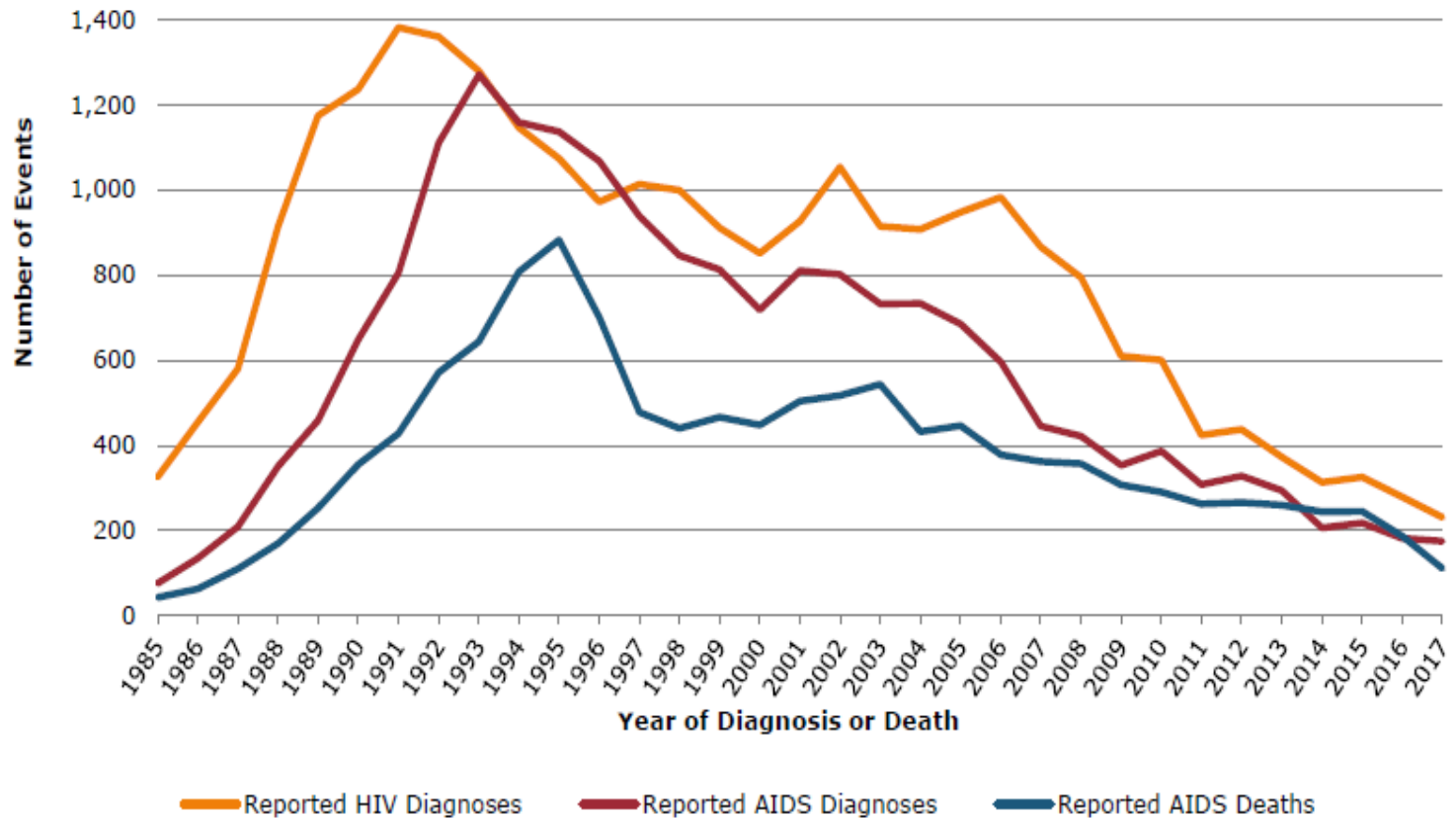
Adena Greenbaum, MD MPH
April 16, 2019



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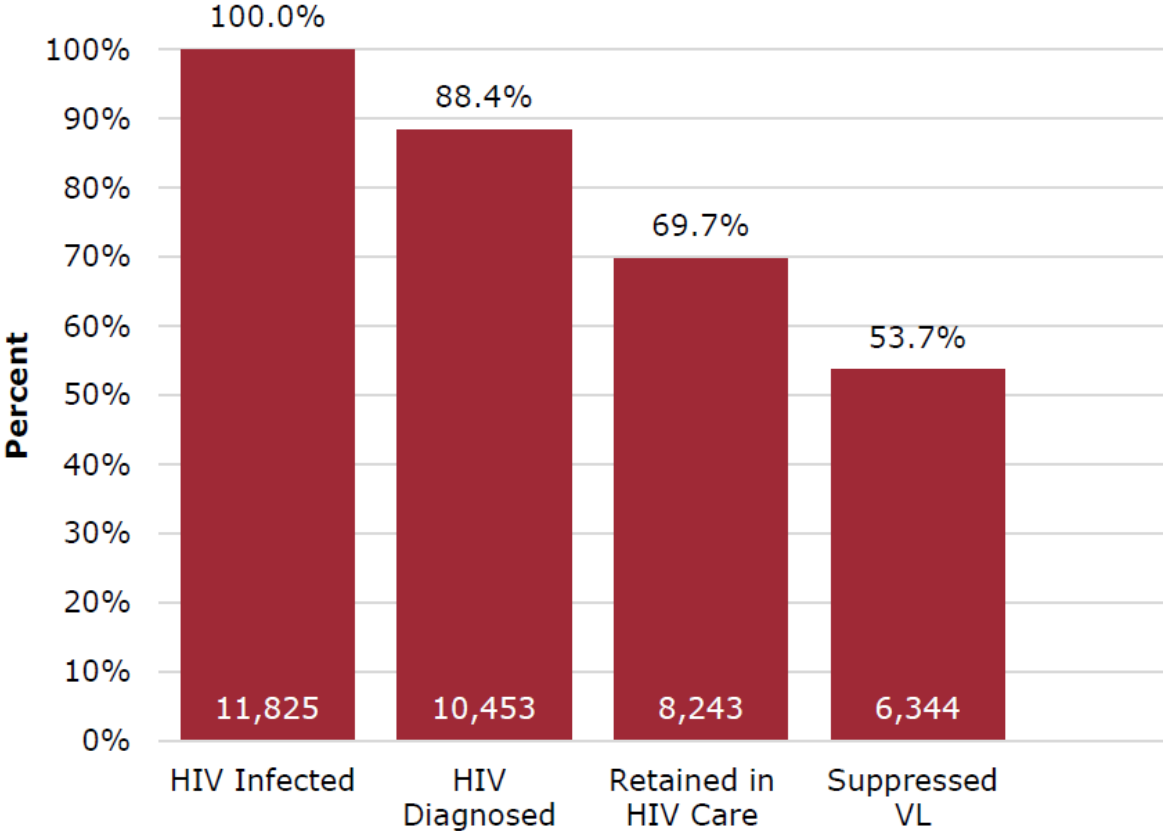
HIV & AIDS Diagnosis – 1985-2017



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Care Cascade, Baltimore City

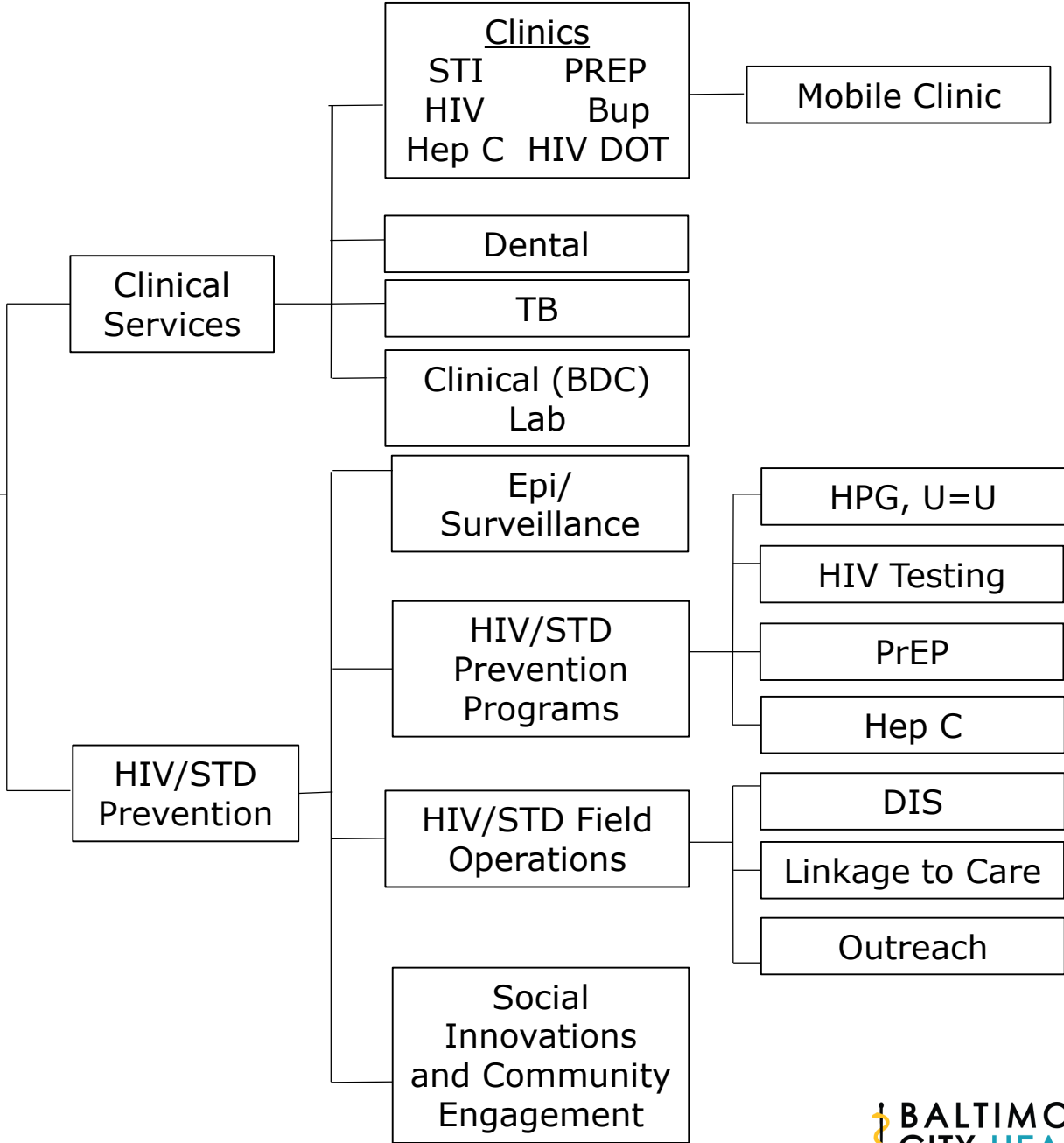
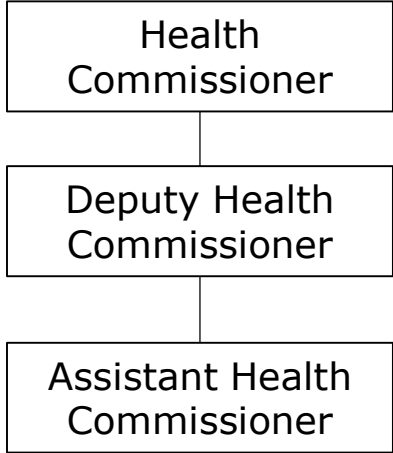


Among current Baltimore City residents living with HIV



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Key Programmatic Intervention Areas

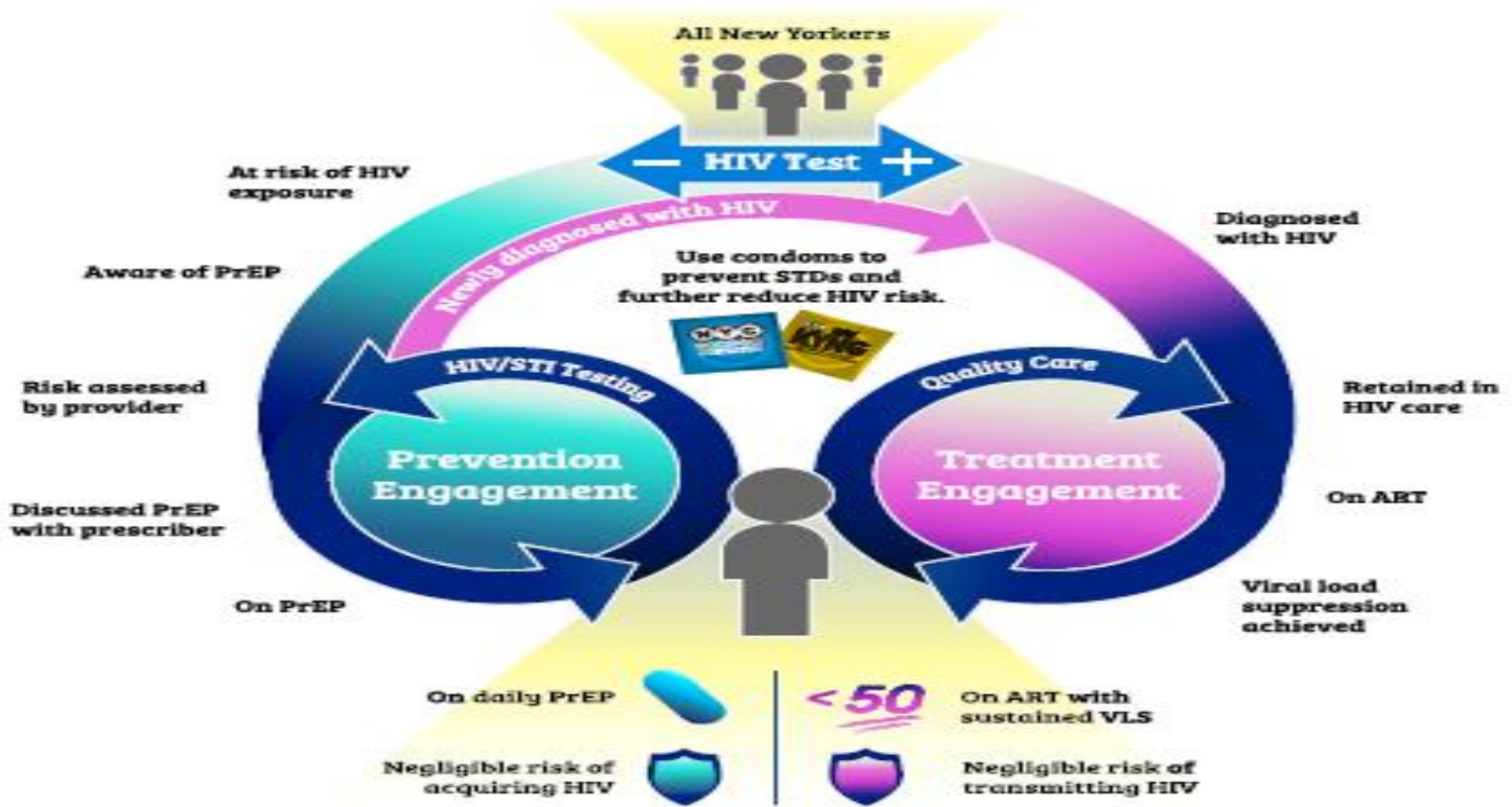
- Social Innovation and Community Mobilization
- Outreach (Education and testing)
- DIS (Partner Services)
- Linkage to Care (OOC and NIC)
- Clinics
- U=U
- PrEP and nPEP
- Partnerships and Sub-granting



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New York City's HIV Status Neutral Prevention and Treatment Cycle



People at risk of HIV exposure taking daily PrEP and people with HIV with sustained viral load suppression do not acquire or transmit HIV.



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Social Innovation and Community Mobilization

- **Through:** Sharing, Cultivating and Intentional Listening
- Baltimore in conversation/Baltimore in Action, Project Presence, Close the Gap
- www.baltimoreinconversation.com
- Social Media
- BCHD STD/HIV website
- U=U
- Educational Materials



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Outreach

- Mobile testing
- Education/awareness
- Condom distribution and mailing
- Events and Festivals



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Testing by BCHD and sub-granted partners -2018 Full Year

Site	# Tests	HIV Positive, n(%)	New HIV Positive Cases			Previous HIV Positive in Care, n(%)
			New HIV Positive Cases, n(%)	Linked to Care, n (%)	Partner Service Interview, n(%)	
ED/Inpatient ¹	21,140	194 (1%)	43 (0.2%)	30 (70%)	26 (60%)	115 (76%)
BCHD Sexual Health Clinics	8,398	86 (1%)	51 (0.6%)	43 (84%)	45 (88%)	16 (45%)
BCHD Outreach	6,004	126 (2%)	16 (0.3%)	4 (25%)	3 (19%)	93 (85%)
CBO/FQHCs ²	9,810	143 (1.5%)	43 (0.4%)	29 (67%)	23 (53%)	73 (75%)
Total	45,352	549 (1.2%)	153 (0.3%)	106 (69%)	97 (63%)	297 (76%)

¹Johns Hopkins ED, University of Maryland main campus inpatient, University of Maryland Midtown inpatient

²Baltimore Crisis Response, Center for Addiction Medicine, Chase Brexton, Harriet Lane Clinic, Healthcare for the Homeless, Johns Hopkins Women's Program, Bayview Latinx Outreach, Bayview Caravan, BCHD Syringe Exchange, Park West, Total Healthcare, Startrack, Hopkins Safe Spaces and Places, Ushine



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Partner Services

- Check on status of reported cases
- Consultation and interview
- Treatment Assurance for Asymptomatic Patients
- Partner Identification
- Linkage to Services (status Neutral)
 - Medical
 - Non-medical



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Partner Services 2017-2018

	HIV	Standard ¹	Syphilis	Standard ¹
Cases Assigned	260	N/A	390	N/A
Cases Interviewed	160 (78%)	85%	334 (86%)	N/A
Partners Initiated	103	N/A	238	N/A
Contact/Partner Index²	0.64	1.00	0.71	1.00
Partner Outcomes	Negative 43 (42%) New Positive 6 (5%) Previous Positive 27 (24%) Unable to Locate 14 (12%) Refused 11 (10%) Not Tested 6 (5%)	N/A	Preventative Treatment 61 (24%) Infected and Treated 58 (22%) Unable to Locate 38 (15%) Previously Treated 35 (14%) Refused 29 (11%) Not infected 21 (8%)	N/A
¹ Standards set by CDC funding source or Maryland Department of Health ² Contact/Partner Index = number of partners initiated/number of cases interviewed				



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Linkage to Care

- Gather data on cases out of care (OOC) or never in care (NIC)
- Prioritize cases for linkage
- Link to medical and non-medical services
- Continue Follow-up



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Linkage to care

	2017	2018
Total Records	575	708
Successful Linkage	99 (17%)	160 (22.5%)
Did not attend appointment	42 (7.3%)	49 (7%)
Unable to Locate	229 (40%)	184 (28%)
Refused	21 (4%)	24 (3%)
Already in Care	110 (19%)	156 (22%)
Other	74(13%)	135 (19%)
*Other - deceased, moved out of state		



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Clinics

- Locations at Druid and Eastern with a mobile clinic "SPOT" van
- HIV testing and treatment
- HIV Directly Observed Therapy
- PrEP/nPEP
- Case management/navigation
- STD/general healthcare services
- Referral
- Hep C testing and treatment
- Opioid and wound care treatment (SPOT only)



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Clinic data- 2018 Full year

Clinic	Total Patients	Total Visits
STI	8,809	16,297
HIV*	407	1,433
Hep C**	548	1,254
PrEP	425	1,187
SPOT	220	683
HIV DOT	31	1,680
TB active cases	17	N/A
Dental		
Ryan White	100	310
Pregnant Women	14	18
Pediatrics (<5 years)	253	372
Youth Clinic (2-20 years)	198	236
Adults (21-59 years)	923	2,139
Seniors (>60 years)	191	339
*HIV Clinic: 78% virally suppressed		
**Hep C Clinic: 79 cured		



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U=U

- **Undetectable = Untransmittable** means that a person living with HIV who follows their treatment plan and maintains an undetectable viral load cannot transmit HIV to their sexual partners.
- Monthly U+U community meetings (Chase)
- Website: www.uequalsmaryland.org
- Educational tools and resources
- Mailing List
- Community Events and Awareness



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U=U Campaign

**HIV UNDETECTABLE
& ZERO RISK
OF PASSING IT ON**



**get in the convo
& get all the facts
UequalsUmaryland.org**

HIV TREATMENT WORKS TO STOP HIV.

By following your treatment plan and maintaining an undetectable HIV viral load for at least 6 months, HIV can't be transmitted spread to sex partners.

U=U Undetectable = Untransmittable
Are **U** in the Conversation?
a community-driven movement

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**HE HAS HIV, I DON'T,
& I NEVER WILL**



**get in the convo
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HIV TREATMENT WORKS TO STOP HIV.

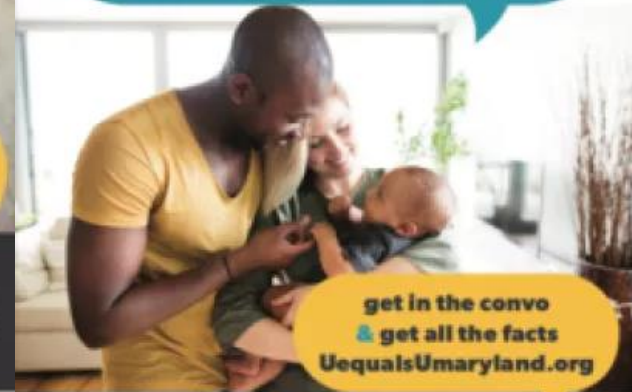
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U=U Undetectable = Untransmittable
Are **U** in the Conversation?
a community-driven movement

**1 OF US HAS HIV,
2 DON'T, &
IT'LL STAY THAT WAY**



**get in the convo
& get all the facts
UequalsUmaryland.org**

HIV TREATMENT WORKS TO STOP HIV.

By following your treatment plan and maintaining an undetectable HIV viral load for at least 6 months, HIV can't be transmitted spread to sex partners.

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City

PrEP and nPEP

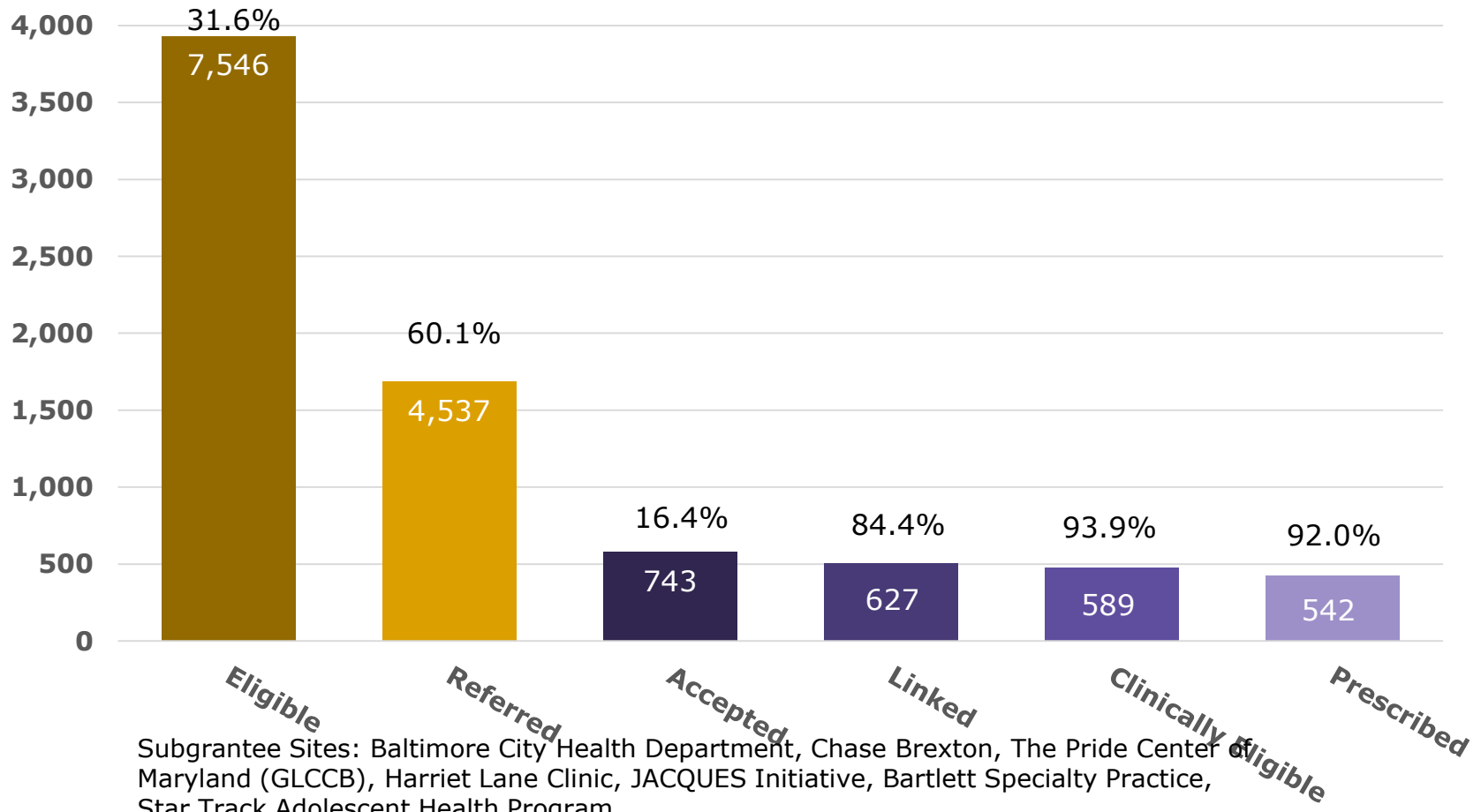
- Awareness and education
- Detailing and provider advocacy
- Peer Navigators
- PrEP related pilot projects and research
- Funding to medical and non-medical partners



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PrEP Cascade: Overall among 23,876 Screened Baltimore City, (September 30, 2015-September 29, 2018)



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BCHD STD/HIV Budget Overview

Funding Source	Amount	Description
City general funds	\$5,416,946	--
CDC		
HIV Prevention Grant	\$4,000,000	Cooperative Agreement
STD Prevention Grant	\$1,066,274	Cooperative Agreement
TB Prevention Grant	\$183,376	Cooperative Agreement
Enhanced gonorrhea surveillance	\$235,000	Competitive
Syphilis networking	\$500,000	Competitive (Yr 2/3)
PrEP	\$2,357,143	Competitive (Yr 4/4)
Subtotal	\$8,341,793	
HRSA		
Ryan White Part A	\$1,136,049	Competitive
Ryan White Part B	\$2,768,234	Partially competitive
State Special	\$6,133,301	Partially competitive
Subtotal	\$10,037,584	
Opioid OOC MDH	\$87,135	--
Gilead FOCUS (Hep C)	\$313,823	Competitive
Other MDH		
GISP (Gonorrhea surveillance)	\$16,000	Competitive
Dental	\$35,000	--
HIV Prevention	\$180,209	--
STD Prevention	\$62,000	--
Subtotal	\$293,209	
TOTAL	\$24,490,490	
*Different fiscal years are represented by the above grants. Each dollar amount is for one fiscal year.		



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Budget by Intervention/service category

Category	Funds
Community Engagement Social Marketing	\$477,799.28
Partner Services (DIS)	\$1,229,366.56
Outreach	\$570,027.68
Administration	\$792,153.76
HIV Testing and Management	\$1,598,561.68
Laboratory	\$338,604.64
Surveillance & Evaluation	\$2,867,647.04
Linkage to Care	\$1,300,592.48
PrEP Contract Management	\$4,748,641.28
Sexual Health Clinic	\$4,480,665.99
Oral Health	\$905,305.76



Syringe Exchange Services: Mission Statement and Goal

The Baltimore City Syringe Exchange Program (SEP) is a harm reduction and prevention program for intravenous drug users.

The Program is an evidence-based intervention designed to reduce the spread of HIV, Hepatitis C, Syphilis and other blood born infections. These services are provided to the community without judgment and are free of charge.

To provide culturally competent syringe exchange to all of our clients regardless of race, gender, sexual orientation, drug of choice or reason for need.



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Syringe Exchange Site Selection

- Began 1994
- SEP sites - areas with known drug traffic,
 - Approval from local home and business owner associations, community support
- 17 sites, 23 per week
- 58 hours per week



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Services Provided

- Syringe and other safe injection equipment distribution
- Overdose Prevention and response education/ distribution of naloxone
- Health and Harm Reduction education
- Wound care treatment and referrals for medical care
- Vaccines (Flu & Hepatitis A & B)
- HIV, Syphilis and Hepatitis C testing
- Reproductive Health Services
- Male and Female condom distribution
- Linkages to care, treatment and support services
- Capacity Building Assistance
- ID assistance (i.e. birth certificates, driver license, social security cards)- Case Management
- Peer Support linkage to Treatment



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Client Demographics

- 63% male and 34% female
- Average age > 40 years old
- African American 46%, Caucasian 49%
- 4,477 clients
- 1 million syringes distributed
- 17,000 condoms distributed
- 200 tested for HIV
- 6,000 trained naloxone



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Thank you!

*Contact Dr. Adena Greenbaum at
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if you have any questions.*



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