Getting to Zero San Francisco Consortium

Zero new HIV infections
Zero HIV deaths
Zero stigma and discrimination



Agenda

- 1. Welcome
- 2. Policy Updates, Q&A
- 3. SF Epi Annual Report Data, Q&A
- 4. Panel & Community Discussion: STIs, HIV & PrEP





GTZ Policy Update

Courtney Mulhern-Pearson September 27, 2018 1

Local Update – Proposition C

New HIV diagnoses among homeless persons (SF Department of Public Health, 2018)

Figure 14.1 Number and percent of homeless persons newly diagnosed with HIV by year of diagnosis, 2006-2017, San Francisco 25% Homeless number Homeless % 20% Number of Homeless Cases 14% + 15% 12% 12% 10% 10% 5% Year of HIV Diagnosis¹

Total New Diagnoses in 2016 → 223

¹ Includes persons with HIV by year of their initial HIV diagnosis. See Technical Notes "Date of Initial HIV Diagnosis."

Viral suppression of people living with HIV (SF Department of Public Health, 2018)

Table 3.4 Care indicators among persons living with HIV in 2016 who were known to reside in San Francisco as of the end of 2016, by demographic and risk characteristics

		% with >= 1	% with >=2	% Virally suppressed (most	
	Number of	laboratory test	laboratory tests	recent viral load test in 202	
	living cases ¹	in 2016 ²	in 2016 ²	<200 copies/mL) ²	
Total	13,113	81%	62%	74%	
Gender ³					
Men	12,025	81%	61%	74%	
Women	729	82%	64%	68%	
Trans Women	356	84%	67%	68%	
Race/Ethnicity					
White	7,389	82%	61%	76%	
African American	1,638	83%	64%	69%	
Latino	2,755	78%	61%	70%	
Asian/Pacific Islander	784	79%	61%	74%	
Other/Unknown	547	85%	65%	73%	
Age in Years (as of 12/3	31/2016)				
13-24	90	86%	71%	69%	
25-29	409	78%	56%	70%	
30-39	1,742	78%	54%	66%	
40-49	3,125	78%	55%	68%	
50-59	4,684	82%	63%	75%	
60-69	2,443	86%	71%	82%	
70+	620	87%	75%	85%	
Transmission Category	,				
MSM	9,680	82%	62%	76%	
PWID	759	83%	64%	67%	
MSM-PWID	1,971	81%	62%	67%	
Heterosexual	472	82%	62%	70%	
Other/Unidentified	231	56%	42%	52%	
Housing Status, Most R	Recent				
Housed	12,793	82%	62%	75%	
Homeless	320	54%	36%	32%	

¹ Includes San Francisco residents living with HIV as of the end of 2016 (≥13 years old) and diagnosed by the end of 2015.

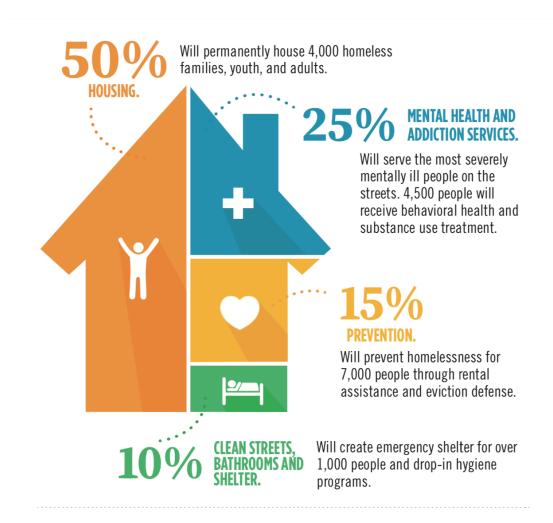
Percent of total living cases.

³ Data on trans men are not released separately due to small numbers. See Technical Notes "Gender Status."

Proposition C – Our City Our Home Initiative



How the funding will be spent



How would it be paid for?

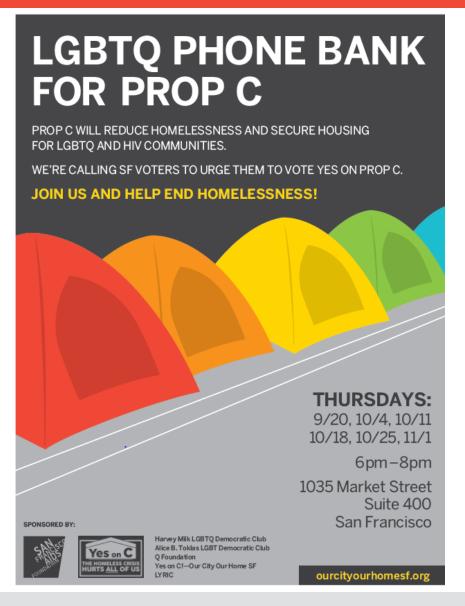
Prop C would tax SF businesses earnings over \$50 million an average of .5% (\$5,000 per million), which would bring in up to \$300 million.



Rates vary by industry and is a marginal rate.

services	warehousing, information, biotechnology, clean technology, and food services	recreation	services, administrative and support services, and miscellaneous business activities	Construction	Scientific and Technical Services	
0.18%	0.50%	0.43%	0.69%	0.48%	0.60%	0.33%

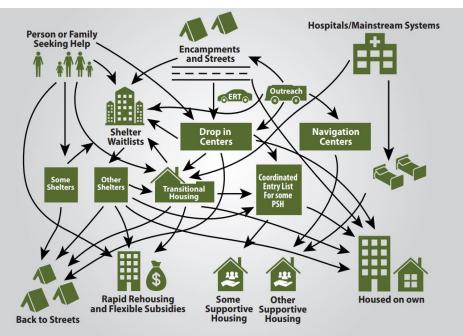
How to get involved

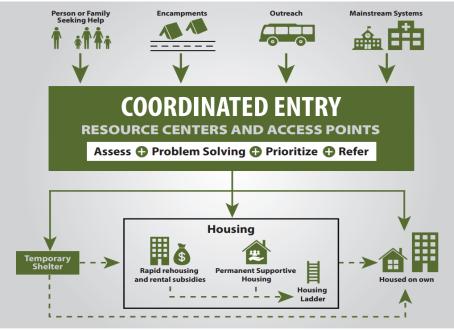


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Local Update – coordinated entry assessment blitz

Coordinated Entry officially launches November 1st



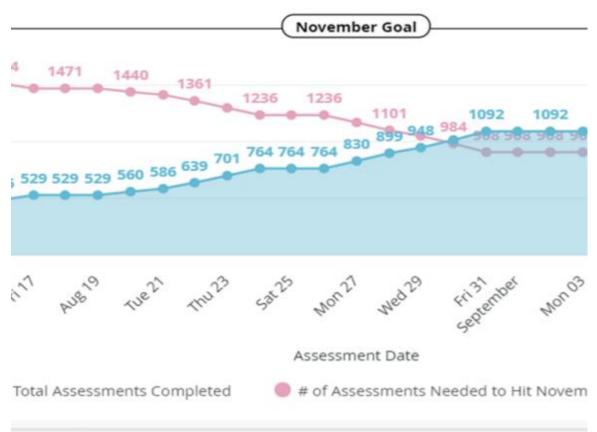




Coordinated Entry Assessment Blitz

- August 2018 through October 2018, DHSH hopes to assess 2,000 adults experiencing homelessness using the new system
- Primary Assessment prioritizes adults experiencing homelessness by:
 - Vulnerability, including disabling and medical conditions, services history
 - Barriers to housing
 - Chronicity of homelessness
- Target population for the primary assessment includes:
 - Adults experiencing homelessness at UCSF Emergency Department -Parnassus SF
 - Adults experiencing homelessness on County Adult Assistance
 Programs (CAAP) and other benefits programs
 - Direct Access to Housing Community Referral Pool
 - Continuum of Care Coordinated Entry Pilot Priority 1 Households

Assessments completed to date



- Approximately1,643 adults had been assessed as of September
 17
- SFAF is planning to have 2-3 assessment clinics at our 1035 location, dates still tbd
- Ward 86 has already hosted 3 assessment clinics and had 62 of their clients entered into the new Coordinated Entry list

2

State update – AB 186

Assembly Bill 186

- AB186 passed out of the Legislature at the end of August and is currently sitting on the Governor's desk
- Sept. 30th is the last day for the Governor to sign or veto bills
- AB 186 would allow San Francisco to pilot overdose prevention programs (also called supervised injection or consumption services) are health services where individuals are able to use preobtained illicit drugs in a clinical setting, with expert supervision and sterile supplies
- Overdose prevention programs are proven to reduce drug overdose fatalities, link people to substance use disorder treatment, and reduce new HIV and hepatitis infections.

Take action!



AB 186
Text "Prevent HIV" to the number 52886



Questions



sfaf.org





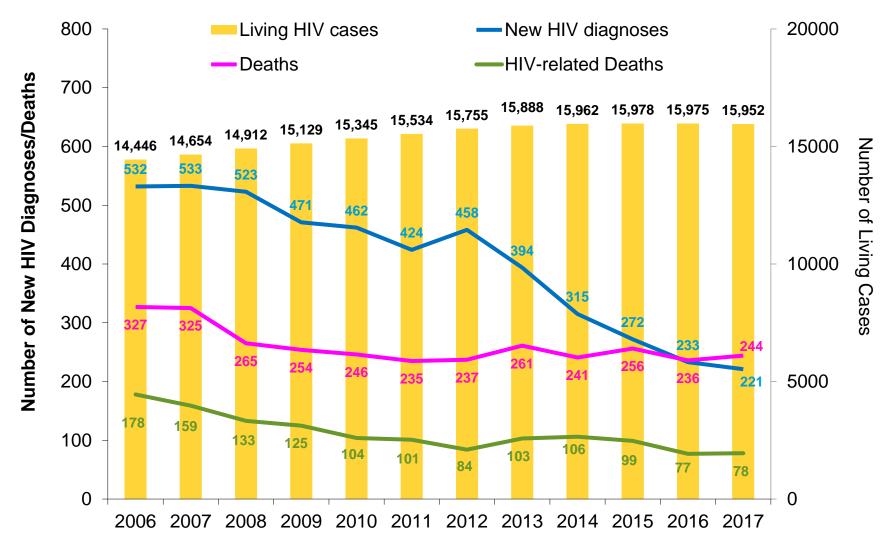


HIV EPIDEMIOLOGY ANNUAL REPORT 2017

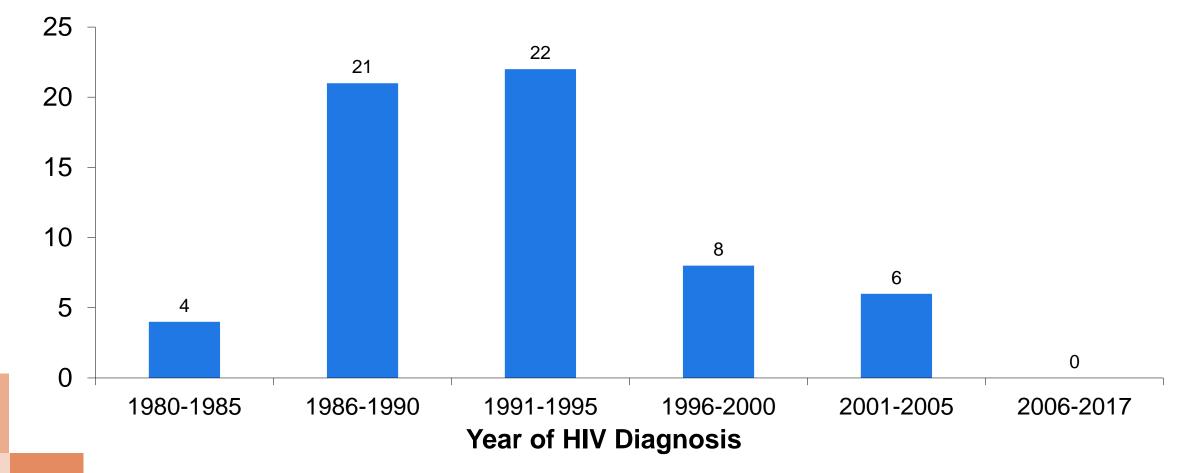
Alison Hughes, PhD, MPH
Getting to Zero Quarterly Meeting
September 27, 2018



New HIV diagnoses, deaths, and prevalence, 2006-2017, San Francisco

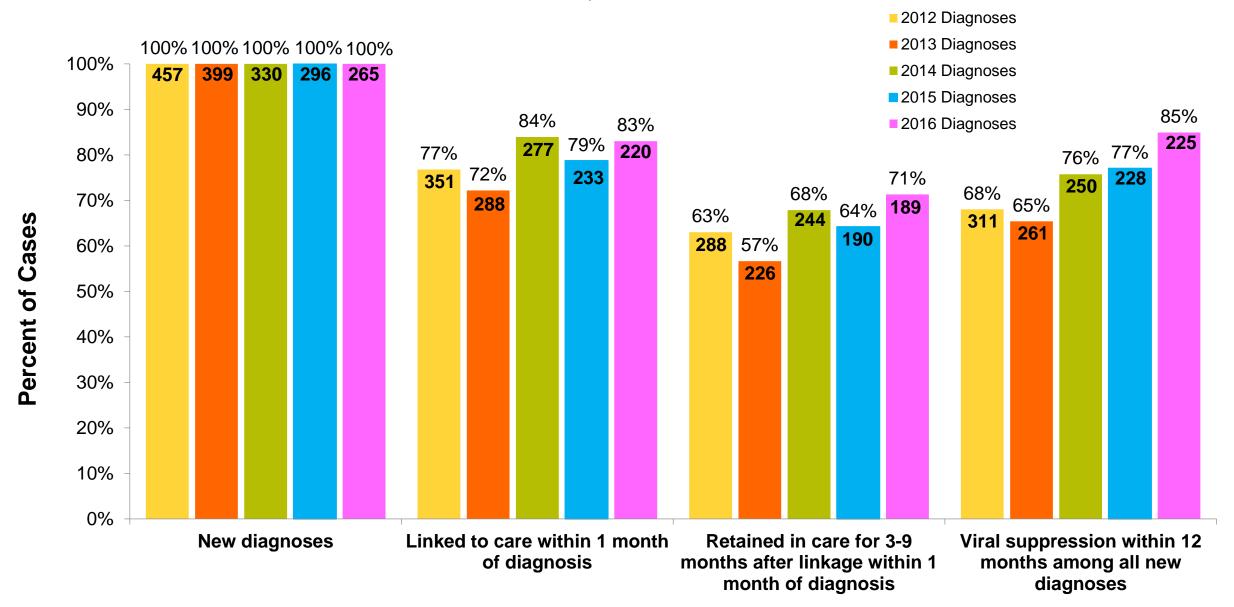


- Overall 94% of PLWH are aware of their HIV status
- New diagnoses decreased 5% between 2016-2017
- Number of deaths is level and may be slightly increasing
- Survival is improving; 65% of PLWH >50yrs
- Late diagnoses declined from 21% in 2012 to 11% in 2016
- Number of HIV-related deaths has decreased by 56% from 178 in 2006 to 78 in 2017

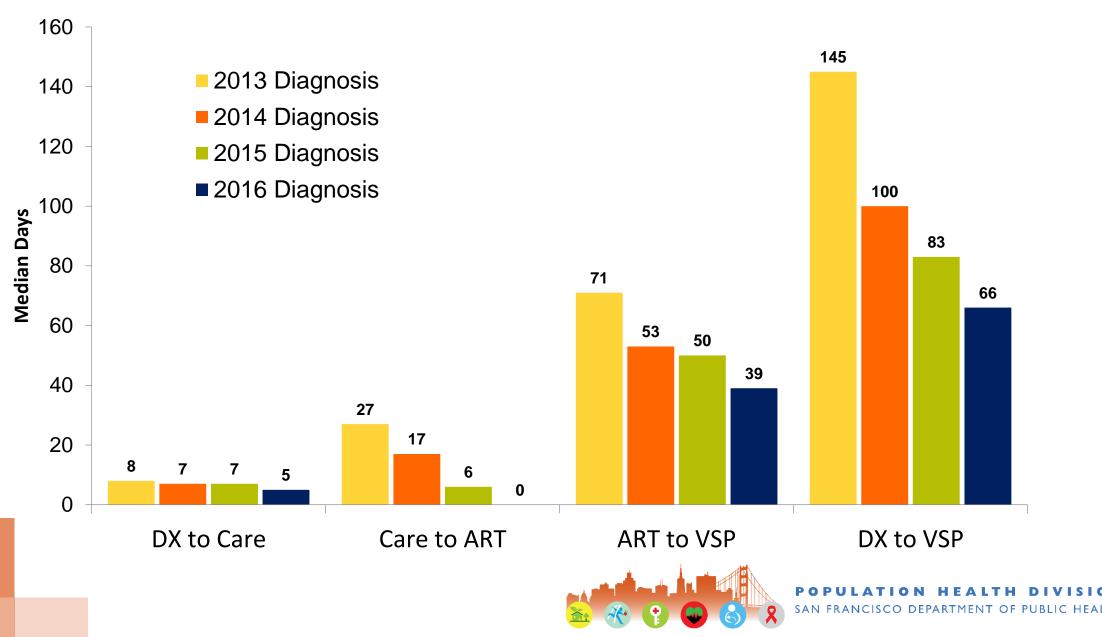




Continuum of HIV care among persons diagnosed with HIV, 2012-2016, San Francisco



Faster Time to Care Indicators



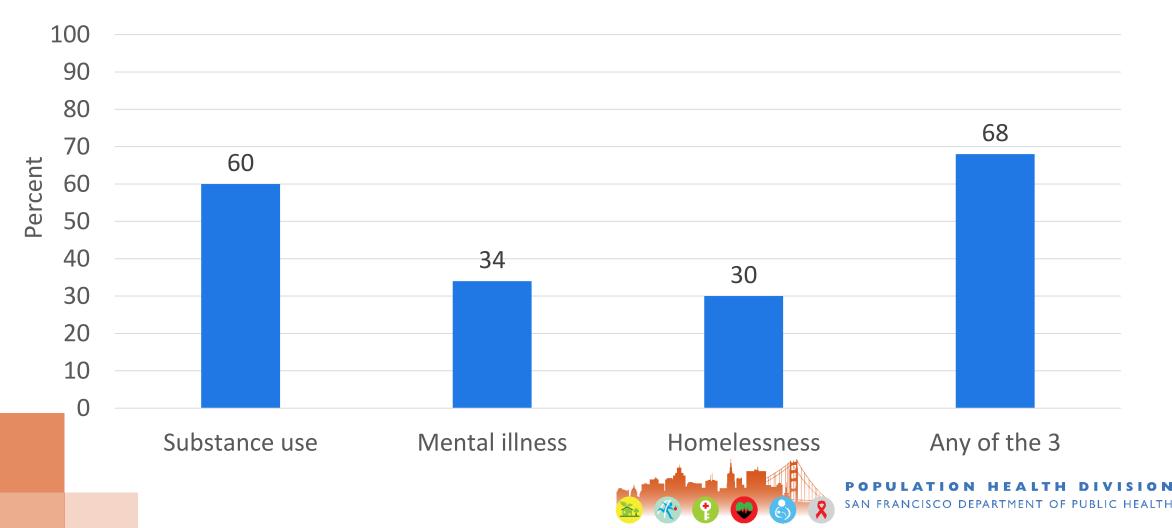
Underlying causes of death among persons with HIV, 2006-2017, San Francisco

			Year of I	Death			
	2006-2	2009	2010-2	2013	2014-2		
	N=1,1		N=9		N=9		
Underlying Cause of Death ¹	Number	(%)	Number	(%)	Number	(%)	4
HIV	595	(51.8)	392	(41.2)	360	(37.8)	
Non-AIDS cancer	124	(10.8)	136	(14.3)	139	(14.6)	HIV-related causes of
Lung cancer	47	(4.1)	31	(3.3)	34	(3.6)	
Liver cancer 2 nd leading	•	(1.6)	22	(2.3)	13	(1.4)	death declining
Anal cancer cause of		(0.5)	9	(0.9)	12	(1.3)	
Colon cancer	9	(0.8)	5	(0.5)	6	(0.6)	
Pancreatic cancer	4	(0.3)	8	(0.8)	6	(0.6)	
Rectal cancer Leukemia	4	(0.3)	4 6	(0.4) (0.6)	3	(0.3)	
Hodgkins lymphoma	2	(0.0)	2	(0.0)	0	(0.1)	
Heart disease		(7.6)		(8.7)		, ,	4
Coronary heart disease	87 45	(3.9)	83 42	(4.4)	101 46	(10.6) (4.8)	
Cardiomyopathy	6	(0.5)	42	(0.4)	8	(0.8)	3 rd leading cause of
caratomyopatmy	O .	(0.5)	7	(0.4)	J	(0.0)	death
Accident	121	(10.5)	112	(11.8)	91	(9.5)	
Drug overdose	93	(8.1)	97	(10.2)	74	(7.8)	
Suicide	50	(4.4)	38	(4.0)	32	(3.4)	
Liver disease	27	(2.4)	21	(2.2)	25	(2.6)	
Alcoholic liver disease	11	(1.0)	6	(0.6)	15	(1.6)	
Liver cirrhosis	14	(1.2)	14	(1.5)	7	(0.7)	
Chronic obstructive pulmonary dise	ease 25	(2.2)	17	(1.8)	22	(2.3)	
Assault	8	(0.7)	9	(0.9)	12	(1.3)	
Cerebrovascular disease	8	(0.7)	10	(1.1)	12	(1.3)	
Mental disorders due to substance	use 22	(1.9)	10	(1.1)	11	(1.2)	
Diabetes	1	(0.1)	11	(1.2)	10	(1.0)	
Viral hepatitis	10	(0.9)	8	(0.8)	7	(0.7)	
Renal disease	9	(0.8)	3	(0.3)	7	(0.7)	
Pneumonitis	2	(0.2)	2	(0.2)	5	(0.5)	
Septicemia	2	(0.2)	2	(0.2)	5	(0.5)	
Hyperlipidemia	2	(0.2)	2	(0.2)	4	(0.4)	
Undetermined intent	4	(0.3)	6	(0.6)	0	(0.0)	

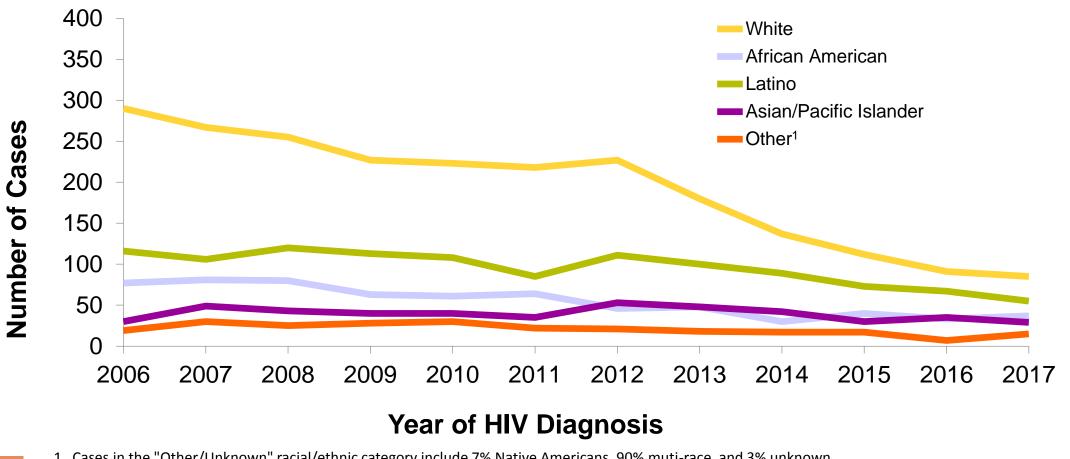
¹ Deceased HIV cases that lack cause of death information are not represented in this table.

Contribution to deaths among people with HIV

% of deaths in which these factors contributed to death



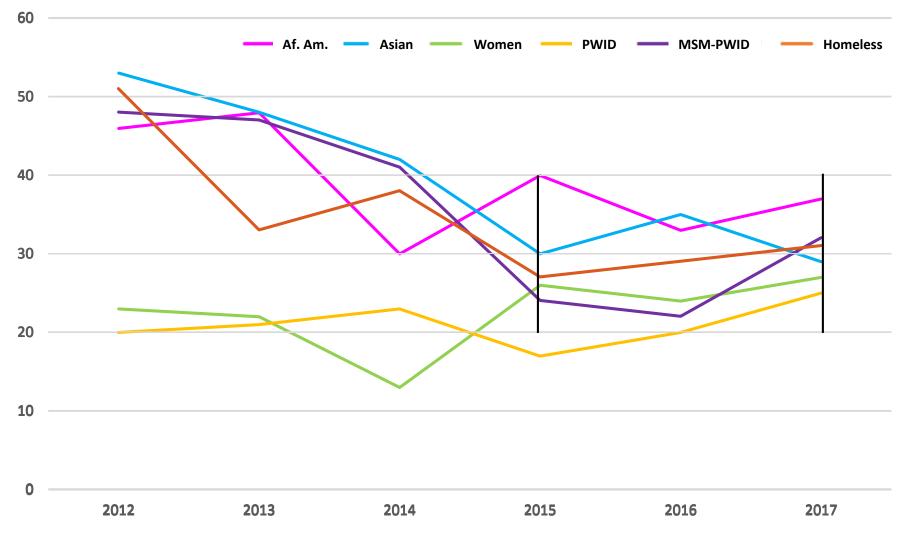
Number of persons diagnosed with HIV by race/ethnicity, 2006-2017, San Francisco



1 Cases in the "Other/Unknown" racial/ethnic category include 7% Native Americans, 90% muti-race, and 3% unknown.

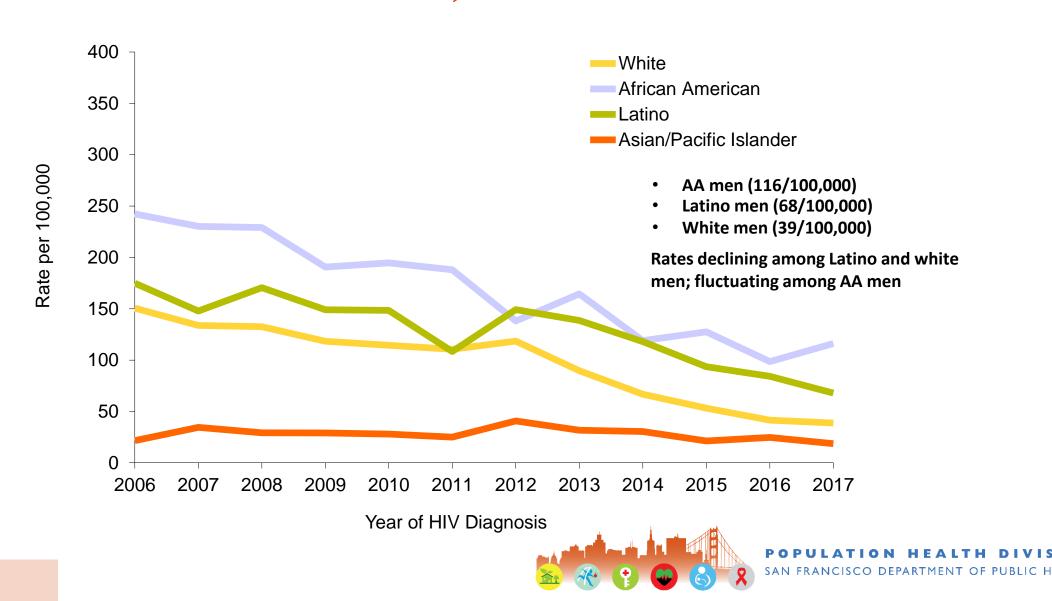


Number of New Diagnoses by Demographic Characteristics

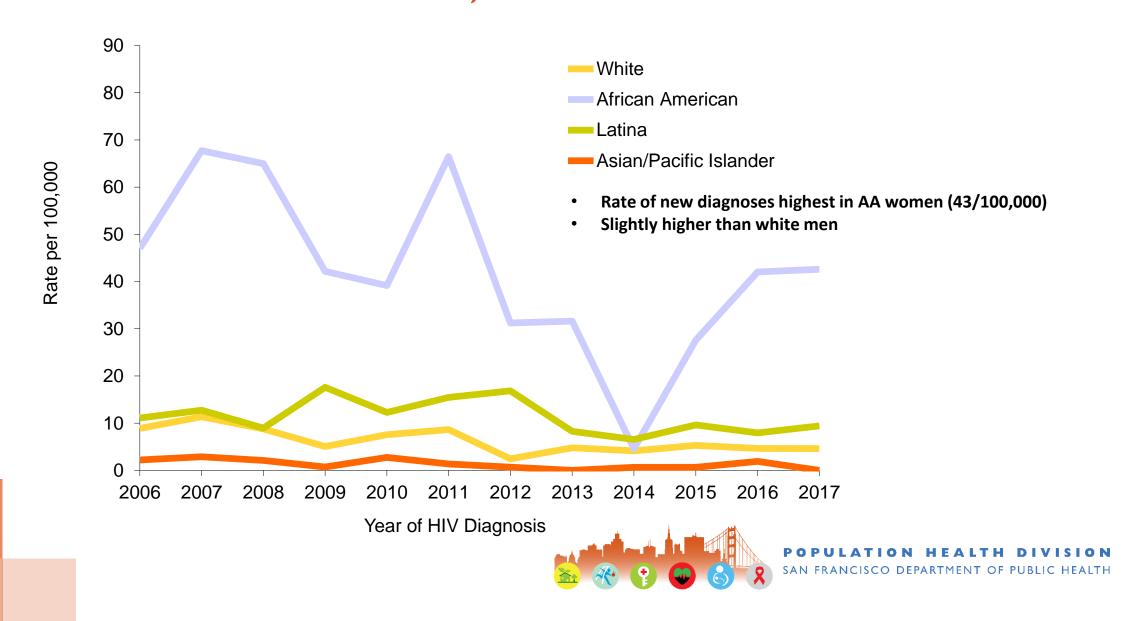




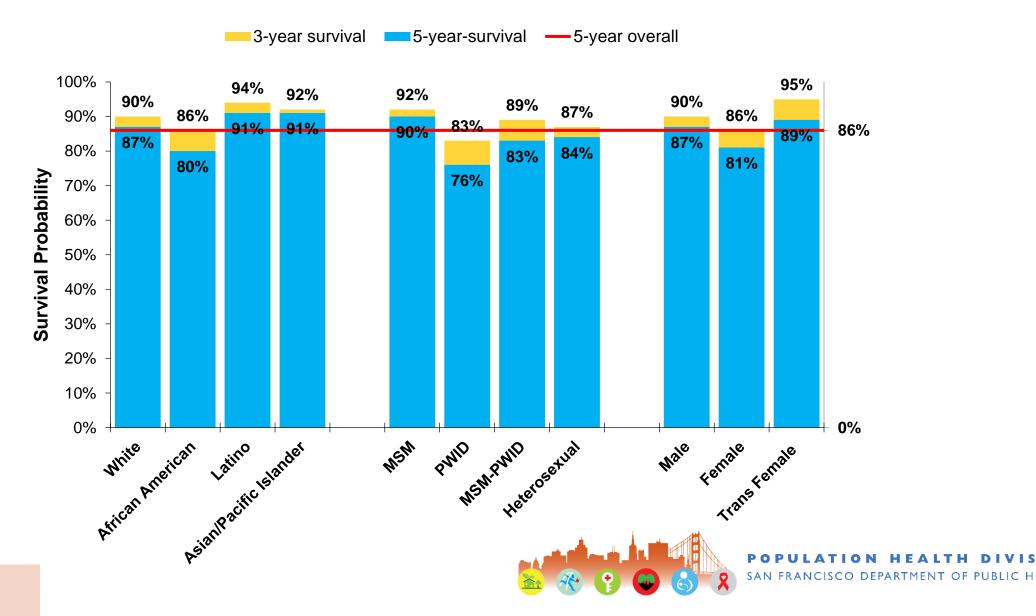
Annual rates of men diagnosed with HIV per 100,000 population by race/ethnicity, 2006-2017, San Francisco



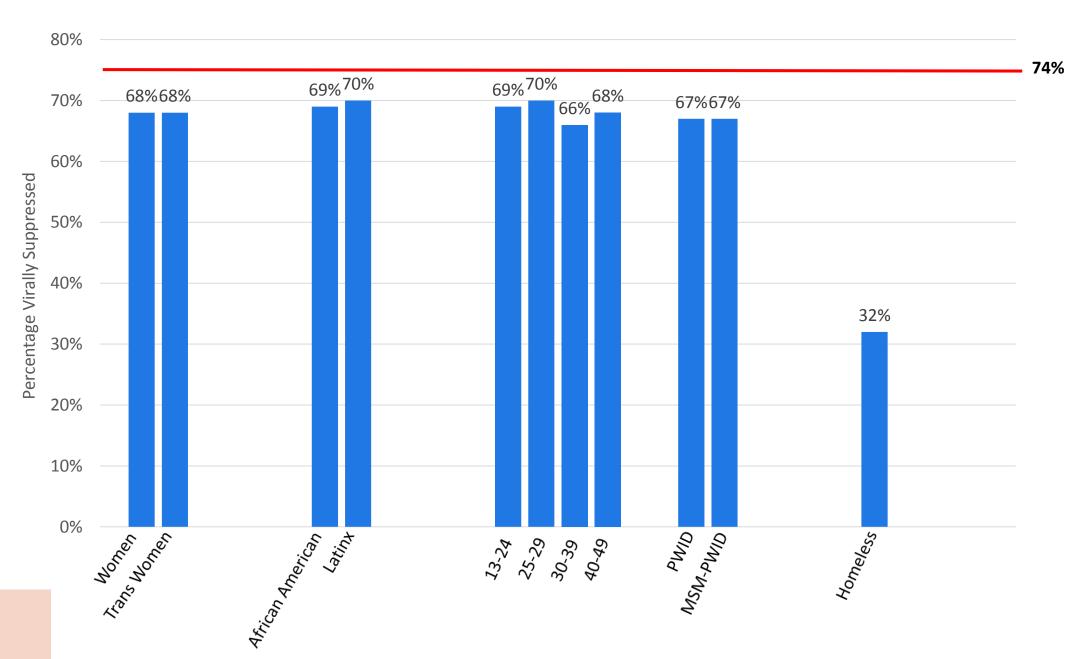
Annual rates of women diagnosed with HIV per 100,000 population by race/ethnicity, 2006-2017, San Francisco



Health Disparities Survival After AIDS



Disparities in Viral Suppression 2016

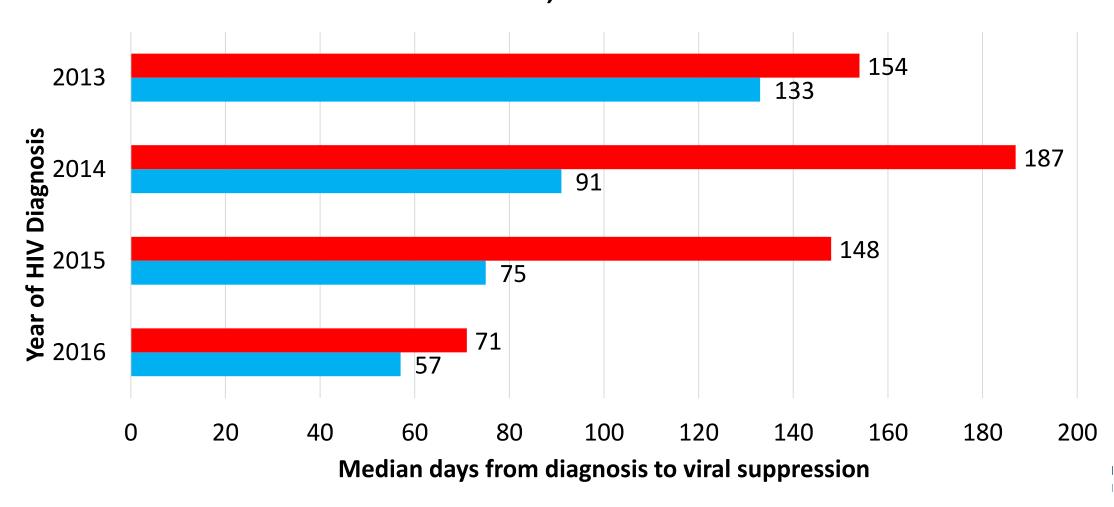


Characteristics of homeless persons compared to all persons diagnosed with HIV in 2006-2017, San Francisco

	Homeless Hi 2006-20		HIV Cases 2006-2017		
Total	Number 543	(%)	Number 4,838	<u>(%)</u>	
Total	343		4,000		
Gender ¹					
_Men	412	(76)	4.313	(89)	
Women	78	(14)	367	(8)	
Trans Women	53	(10)	155	(3)	
D /E() i i (
Race/Ethnicity	222	(42)	0.040	(40)	
White	232 143	(43)	2,312	(48)	
African American Latino	143	(26) (20)	660 1,143	(14) (24)	
Asian/Pacific Islander	109	(20)	1,1 4 3 474	(10)	
Other/Unknown	43	(8)	474 249	(5)	
Other/Onknown	43	(0)	249	(3)	
Transmission Category					
MSM	177	(33)	3.403	(70)	
PWID	134	(25)	327	(7)	
MSM-PWID	179	(33)	675	(14)	
Heterosexual	40	(7)	294	(6)	
Other/Unidentified	13	(2)	139	(3)	
Age at Diagnosis					
(Years)		(1)	4.0	(4)	
0 - 17	1	(<1)	18	(<1)	
18 - 24	85	(16)	580	(12)	
25 - 29	100	(18)	812	(17)	
30 - 39	141	(26)	1,523	(31)	
40 - 49	130	(24)	1,253	(26)	
50+	86	(16)	652	(13)	

Closing the Gap

Time from HIV Diagnosis to Viral Suppression by Housing Status, 2013-2016, San Francisco



Housed

■ Homeless

Summary

Trends

New diagnosis trend may be slowing

About 5% reduction in the number of new diagnoses from 2016 to 2017. Decline was approximately 15% each year from 2012 to 2016.

HIV-related deaths declining

Number of HIV-related deaths has declined by 56% from 2006 to 2017.

Improvement Needed

Health disparities persist.

Not all San Franciscans are being reached or experiencing the same improvements.

- Women, trans women, African-Americans, PWID and, in particular, the <u>homeless</u> experiencing many health disparities including:
 - Disproportionately diagnosed
 - Poorer treatment and care outcomes
 - Poorer survival

Gaps are Closing

- Disparities are improving
- Care indicators are improving even in demographic groups with relatively poor outcomes

STIs, HIV & PrEP: Panel & Discussion

- Data Presentation Susan Phillip
- DoxyPEP proposal *Annie Luetkemeyer*
- Strut's Magnet Express Pierre Crouch
- Community Perspective David Holley

Moderated by Mike Shriver







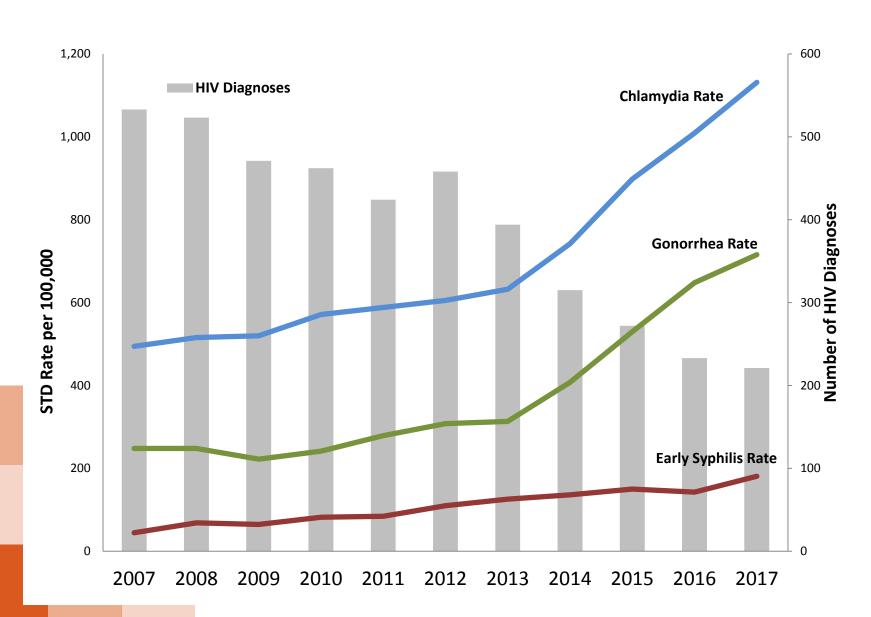


STDS AND SEXUAL HEALTH IN SAN FRANCISCO IN THE ERA OF GETTING TO **ZERO**

Susan S. Philip MD, MPH
Getting to Zero Consortium Meeting



HIV is the only reportable Sexually Transmitted Infection for which New Diagnoses are Declining in San Francisco



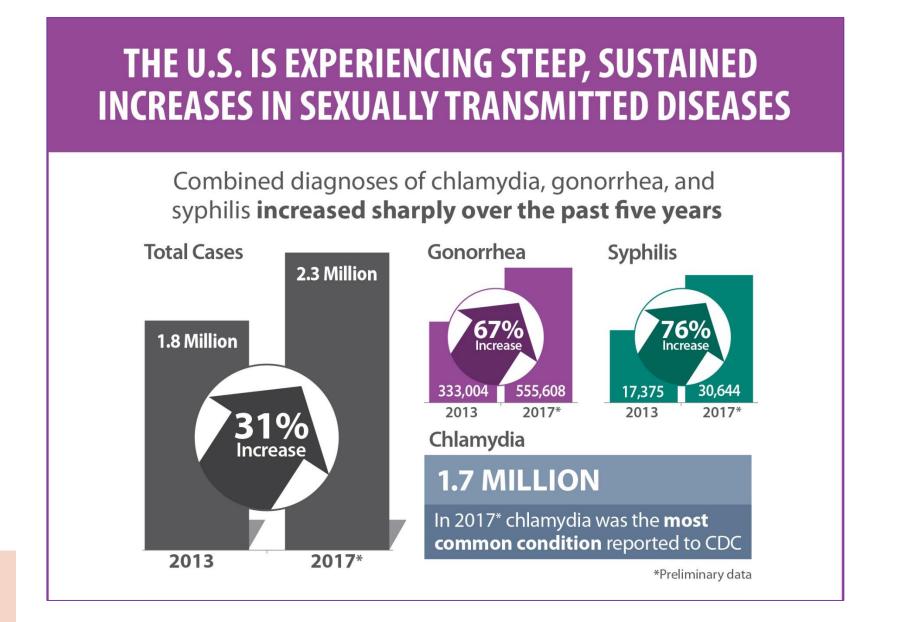
5 year increases: 2013-2017

Chlamydia rate: 79% increase

Gonorrhea rate: 128% increase

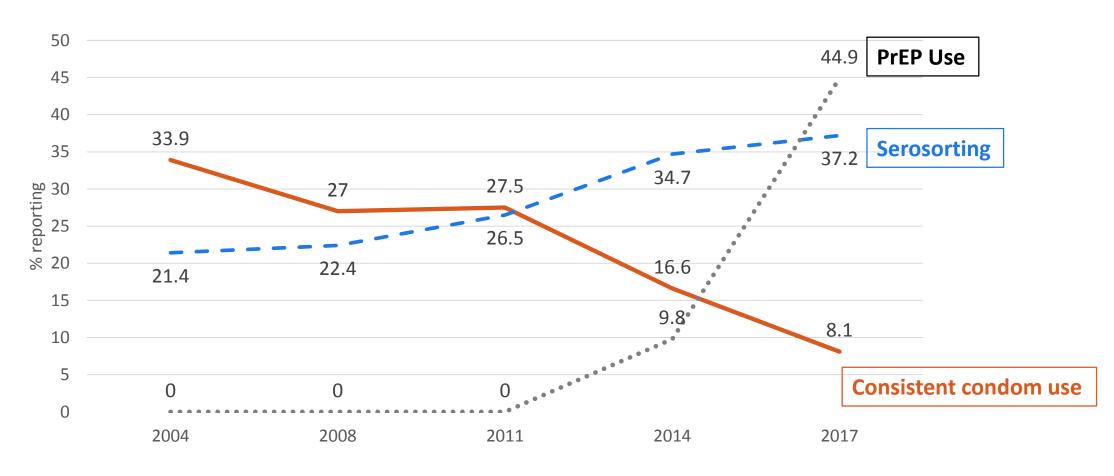
Syphilis rate: 44% increase

Sexually Transmitted Diseases are Increasing Nationally



Condom use is decreasing

National HIV Behavioral Surveillance: HIV negative MSM in San Francisco





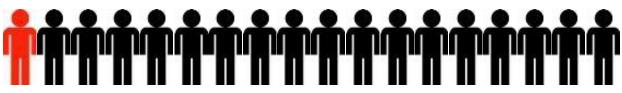
Persons diagnosed with an STD are highest priority for PrEP and other HIV prevention

Rectal GC or CT



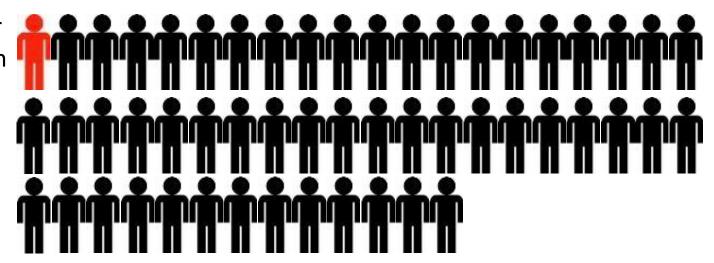
1 in 15 MSM were diagnosed with HIV within 1 year.*

Primary or Secondary Syphilis



1 in 18 MSM were diagnosed with HIV within 1 year.**

No rectal STD or syphilis infection

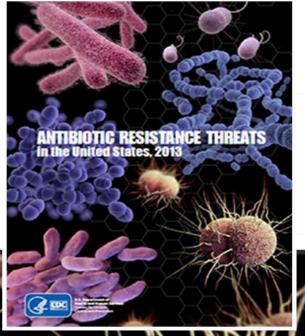


1 in 53 MSM were diagnosed with HIV within 1 year.*

STD 101

- Many Infections can be spread through sex, including: HIV, syphilis, gonorrhea, chlamydia, LGV, Trichomonas, Herpes, HPV, Hepatitis B, Hepatitis C
- STD Public Health efforts focus on the 3 major STDs that are reported by law in CA and the US: syphilis, gonorrhea and chlamydia
- STDs can have serious health impacts including vision or hearing loss, infertility, chronic pelvic pain, and they increase the risk of HIV transmission
- However, most infections cause no symptoms, so require regular testing (screening) to detect and treat
- Treatment cures syphilis, gonorrhea and chlamydia and prevents spread to sex partners

What are We Worried About?



First case of super-resistant gonorrhea reported

By Meera Senthilingam, CNN

Updated 3:35 PM ET, Wed March 28, 2018













Focus on reducing disparities and worst complications of STDs: Priority Populations

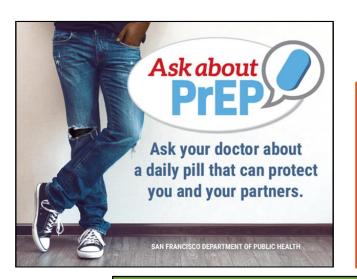
- Gay and Bisexual Men and other Men who have sex with Men (MSM)
- Adolescents and Young Adults of Color
- Transgender persons
- Persons in jail
- Pregnant women (preventing congenital syphilis)



A Few Key Ways We Work for Sexual Health

- Comprehensive Sexual Health Services (STD/HIV/Family planning) at City Clinic
- LINCS Partner Services* team for Syphilis and HIV
- Supporting STD screening and treatment with private providers and with key community and DPH partners
- Faster Gonorrhea and Chlamydia test results and faster treatment
- STD Monthly and Annual Reports (<u>www.sfcityclinic.org</u>)
- Active engagement through qualitative interviews or advisory groups (LINCS clients, young B/AA women)
- Clinical Research into new tests, treatments and prevention tools for STDs

*Voluntary, confidential service that notifies sex partners that they have been exposed too syphilis or HIV, and offers STDJOV testing and referral to appropriate services including HIV PrEP and HIV treatment



SFDPH Public Health Detailing for STD and

LINCS is your link to sexual health

Have you been tested for syphilis?

- · If you have syphilis, getting treated today will help keep you healthy, and will prevent the spread to your partners
- · We recommend testing for STDs every 3 months

Are you or your partners interested in PrEP?

- PrEP is a daily pill that prevents HIV by more than 90%
- We have a team who can help you get PrEP regardless of insurance status

Living with HIV and haven't seen a doctor in 6 months?

Our team can help you:

- Get into HIV care
- Stay healthy on medications to keep your viral load low so you don't transmit HIV

WHAT IS PARTNER SERVICES?

It can be difficult to tell your partners you have HIV or an STD. Our specialists can

To get LINCed, call us at 415-487-5536 | www.sfcityclinic.org LINCS is the city's team ensuring comprehensive sexual health.



Promoting Sexual Health: A Guide for Clinicians

STD rates are increasing in men, women, and some newborns in San Francisco and nationwide.

FIGURE 1: STD RATES-SAN FRANCISCO, 2009-2016

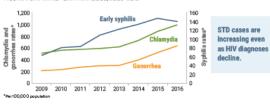


FIGURE 2: SAN FRANCISCO EARLY SYPHILIS RATES ARE HIGHER THAN ANY OTHER COUNTY IN CALIFORNIA

San Francisco syphilis rates are 3.5x higher than the next-highest county (Fresno) and

nearly 6x higher than the state rate

2015 County incidence rates, per 100,000 population

STDs can have severe consequences.

- . Untreated syphilis is associated with visual impairment, hearing loss, and neurological problems.
- . Untreated chlamydia (CT) and gonorrhea (GC) in women can lead to future pelvic inflammatory disease, chronic pelvic pain, ectopic pregnancy, and infertility.
- . Pregnant women who are infected with syphilis can pass it to the fetus, causing potential miscarriage, stillbirth, and severe illness in surviving infants.





before you'll be protected for anal

sex, and 3 weeks for vacinal sex.







every 3 months.





Tell your provider (or restart) PrER.

TAKING THE PILL

One pill per day

PrEP is safe and can

by more than 90%.

DrFD (nrs. exposure prodydaxis) is most effective if taken daily. PrEP can be taken even if drinking alcohol or using recreational drugs.

Getting into a routine

- . Try to take a pill at the same time each day.
- . Consider taking a pill with you if you will be out late.
- . Set calendar or text message reminders. Check out www.oregonreminders.org.

Missed a dose?

Just take it when you remember. For example: If you usually take in the AM, but realize at 10PM that you forgot, it's okay to take 1 pill then and continue with your usual schedule the next day (don't take 2 pills at once).

Possible side effects

- . Some people have gas, nausea, or headache. These symptoms go away within the 1st month.
- . PrEP can cause small changes in kidney function and bone mineral density, which return to normal once PrEP is stopped.

STAY HEALTHY



Protect yourself from other diseases: Get vaccinated for Hepatitis A and B and meningitis.

YOUR PRESCRIPTION

Filling your prescription

- If you are given a paper prescription, you will need. to take it to a pharmacy to gety our medication
- Refills are not always automatic. Contact your pharmacy when you have 5 pills left so you don't run out.
- Before traveling, let your healthcare provider and/or pharmacy know that you may need an extra refill if you are low on medication.

- . If you are having trouble paying for PrEP, there are assistance programs that may help cover the cost.
- . For help, contact the Citywide PrEP Navigator at 415-634-PrEP (7737).

STAYING PROTECTED

Lab testing

- Before starting PrEP, youwill get tests for HIV, STDs, kidney function, and Hepatitis B and C.
- Youwill also get tested for HIV and STDs every 3 months and a kidney function test every 6 months

Stopping PrEP

If you want to stop PrEP, talk to a healthcare provider about using other HIV prevention strategies. If you have condomises say while not taking DrED, call your provider within 72 hours for post-exposure prophylaxis (PEP).

Restarting PrEP

- If you've stopped PrEP for more than 7 days. it is important to get an HIV test before you restart.
- Report any flu-like symptoms or rashes to your healthcare provider as they could be symptoms of HIV





New Workflows and New Technology at SFDPH Public Health Lab and at City Clinic means faster diagnosis and treatment for patients





How do we address STDs in San Francisco with Collective Impact?









ACKNOWLEDGEMENTS

SFDPH

Disease Prevention and Control Branch
Community Health Equity and Promotion Branch
Applied Research Community Health Epidemiology and
Surveillance Branch
Bridge HIV
San Francisco Health Network

Many, Many Community Partners

Susan.Philip@sfdph.org

www.sfcityclinic.org

Design by Mehroz Baig v. 2017-4-14



POPULATION HEALTH DIVISION

SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH





Extending reach and building capacity

Pierre-Cédric Crouch, PhD, ANP-BC, ACRN

Director of Nursing Magnet @Strut

Pronouns: He & Him

Disclosures

No relevant disclosures

Why Magnet Express?

Difficult to get in to Magnet for routine

testing

Number pull system

- PrEP program was at capacity
 - Faced with closing to enrollments

- High no show rate
 - ~20% no show and need rescheduling

Standard Model vs Magnet Express

20 Minute Clinic Schedule

- Symptomatic
- Syphilis
- nPEP
- Extended Counseling



Routine STI Screen with no counseling

What is Magnet Express?

- Rapid in and out STI testing
- No Appointment needed
- Drop in during operating hours
- May be tested for
 - HIV
 - Gonorrhea/Chlamydia, Syphilis
 - Hepatitis C



Magnet Express

- Focus is on routine testing
 - No extensive counseling
 - No medical evaluation
 - No treatments or vaccines

 Clients with symptoms, contact to an STI, or need counseling should access standard Magnet services

Registration



Blood Draw



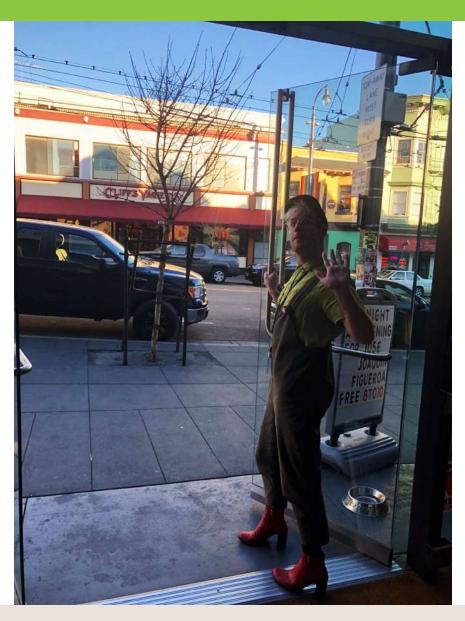
Self-Swabbing



Self-Swabbing



Leave



Outcomes

Since July 2017- (Full launch Dec 2017)

- 2,895 Magnet Express visits
- 71% decrease in turn-aways
- 46% White, 54% other ethnicities/race

STIs

- 8 new HIV infections
- Estimated 16% STI positivity

Outcomes

PrEP Program

Allows for doubling of PrEP Program

- Clients alternate between a routine PrEP FU and a PrEP FU Express
 - Makes it easier to stay on PrEP

Lessons learned

Self-triaging is difficult

- Clients will initially report no symptoms or contacts to an STI but then have symptoms
- If standard visits are full, clients will use Express

Demand for services increases with expansion

Some clients need more support for selfswabbing

Thank you to our Staff and Community!





Special Thank You To:

- Magnet staff & 100+ volunteers
- San Francisco Community

Questions?

Pierre-Cédric Crouch pcrouch@sfaf.org 415.581.1606

STIs, HIV & PrEP: Questions to Consider

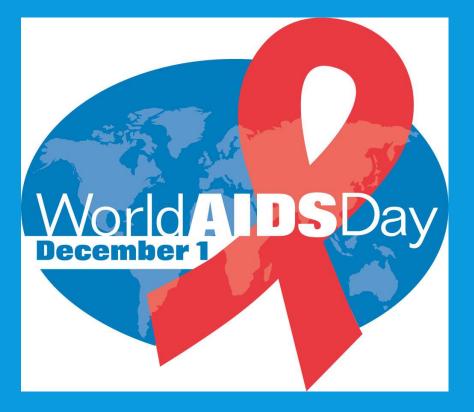
- What are the key messages for the community and for providers?
- How do we address health disparities in STIs in San Francisco?
- What are specific contributions or new approaches that providers can implement?
- What are specific contributions or new approaches community organizations can implement?
- What are some of the specific needs and strength based approaches that specific populations are using: Youth, older MSM who are not tech-savvy and no longer have the traditional venues to meet people? Women and young adolescent girls? Transgender persons?



- Join the consortium: <u>www.GettingToZeroSF.org</u>
- Quarterly consortium meetings, committee meetings, as well as other GTZ events are listed on the calendar:

http://www.gettingtozerosf.org/getting-to-zero-events/





Getting to Zero Consortium Meeting
Thursday, November 29
25 Van Ness Ave., 6th Floor
6:00pm - 8:00pm, Dinner from 5:30pm