

8/31/2022



SYPHILODERMA TUBERCULO-ULCERATIVUM.
PLATE XXX.

Addressing STI's in MS

4/26/22

1 PHOTOGRAPHIC ILLUSTRATIONS OF CUTANEOUS SYPHILIS

BY
GEORGE HENRY FOX, A.M., M.D.,

Lecturer on Diseases of the Skin, College of Physicians and Surgeons, New York; Surgeon to the New York Dispensary, Department of Skin and Venereal Diseases; Fellow of the American Academy of Medicine; Member of the New York Dermatological Society, the American Dermatological Association, etc.

Forty-eight Plates from Life.

COLORED BY HAND.

NEW YORK:
E. B. TREAT, NO. 757 BROADWAY.
1881.

Chlamydia — Reported Cases and Rates of Reported Cases by State, Ranked by Rates, United States, 2020

Rank*	State	Cases	Rate per 100,000 Population
1	Mississippi	23,919	803.7
2	Louisiana	32,997	709.8

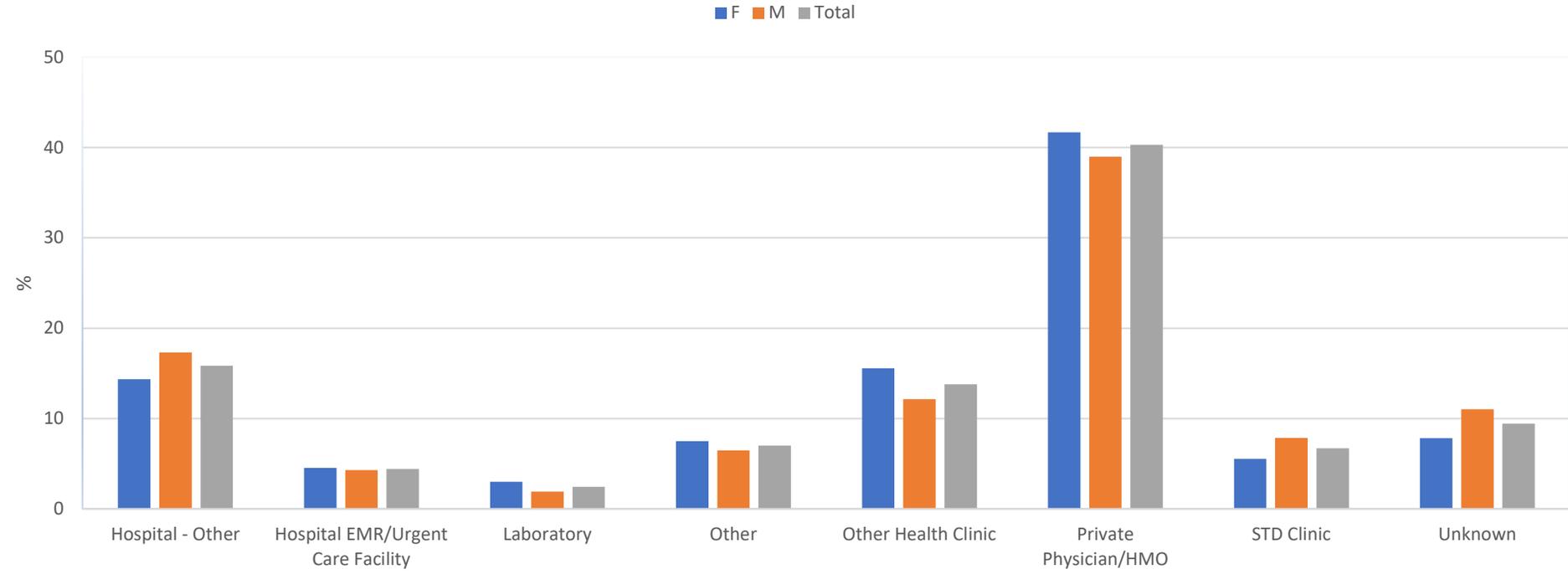
Gonorrhea — Reported Cases and Rates of Reported Cases by State, Ranked by Rates, United States, 2020

Rank*	State	Cases	Rate per 100,000 Population
1	Mississippi	13,773	462.8
2	Louisiana	15,483	333.1

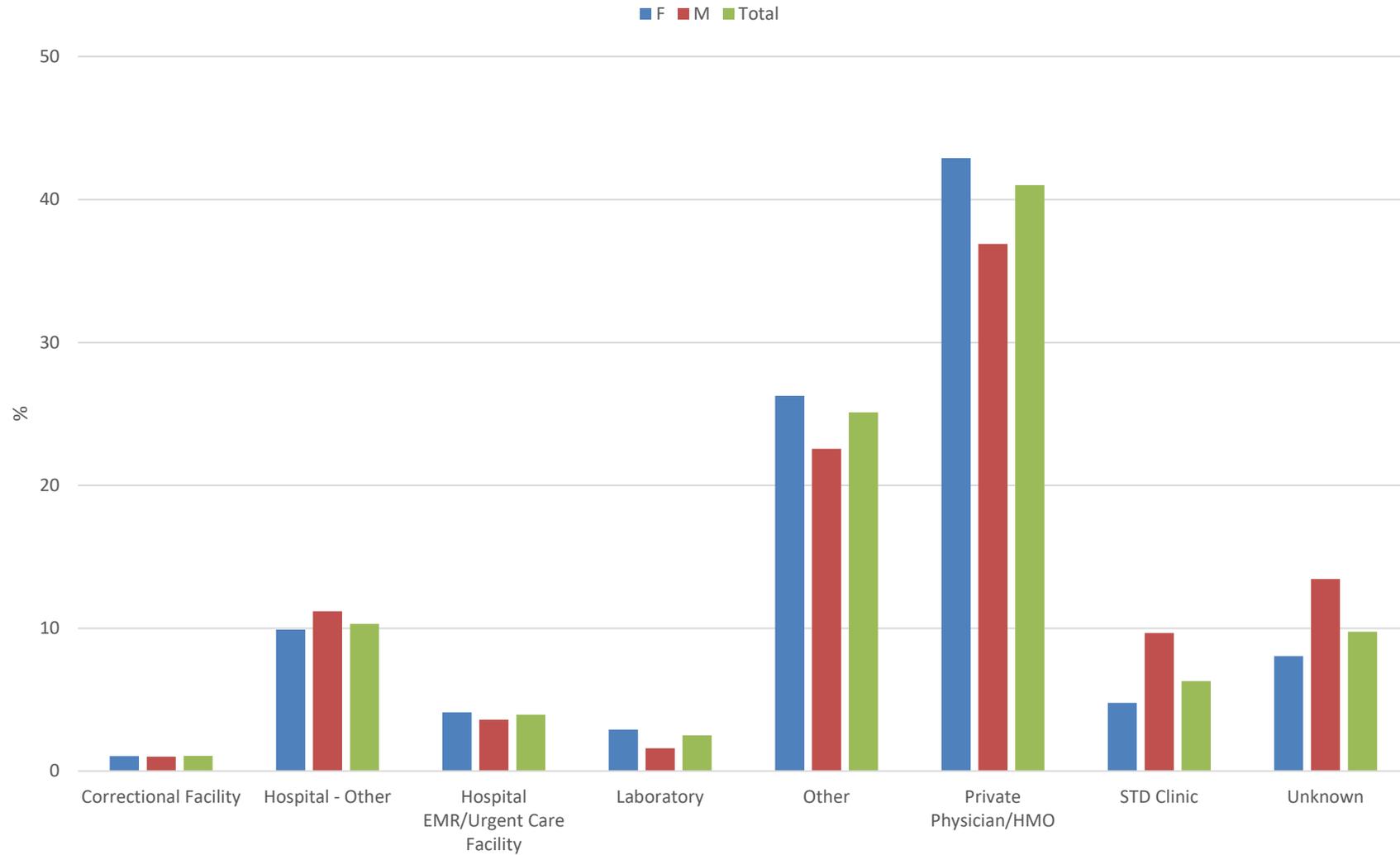
Primary and Secondary Syphilis — Reported Cases and Rates of Reported Cases by State, Ranked by Rates, United States, 2020

Rank*	State	Cases	Rate per 100,000 Population
1	Nevada	767	24.9
2	Mississippi	741	24.9
3	Alaska	176	24.1
4	Oklahoma	941	23.8
5	New Mexico	467	22.3
6	Arizona	1,454	20.0
7	California	7,688	19.5
8	Arkansas	502	16.6
9	Georgia	1,757	16.5
10	Florida	3,520	16.4

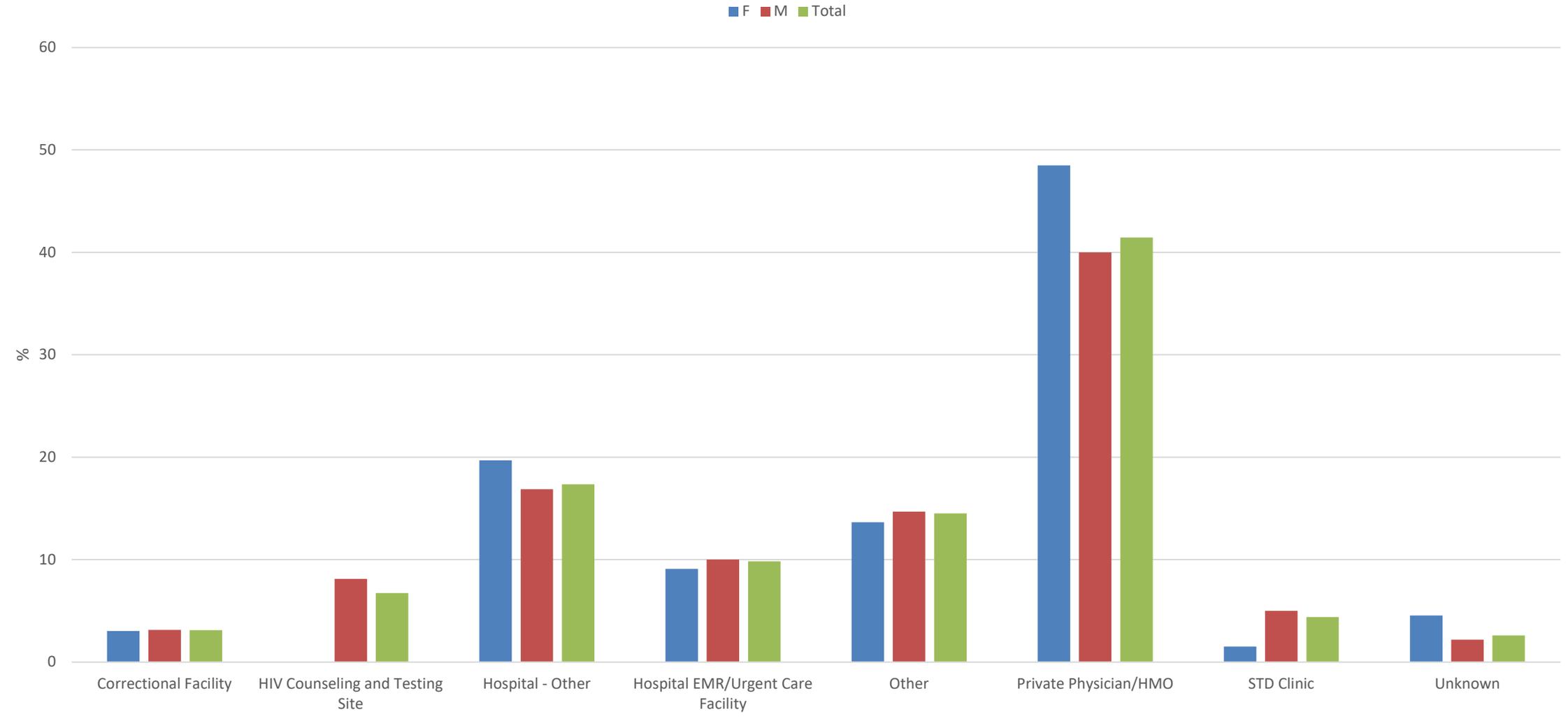
Gonorrhea by Ordering Facility Type 2020



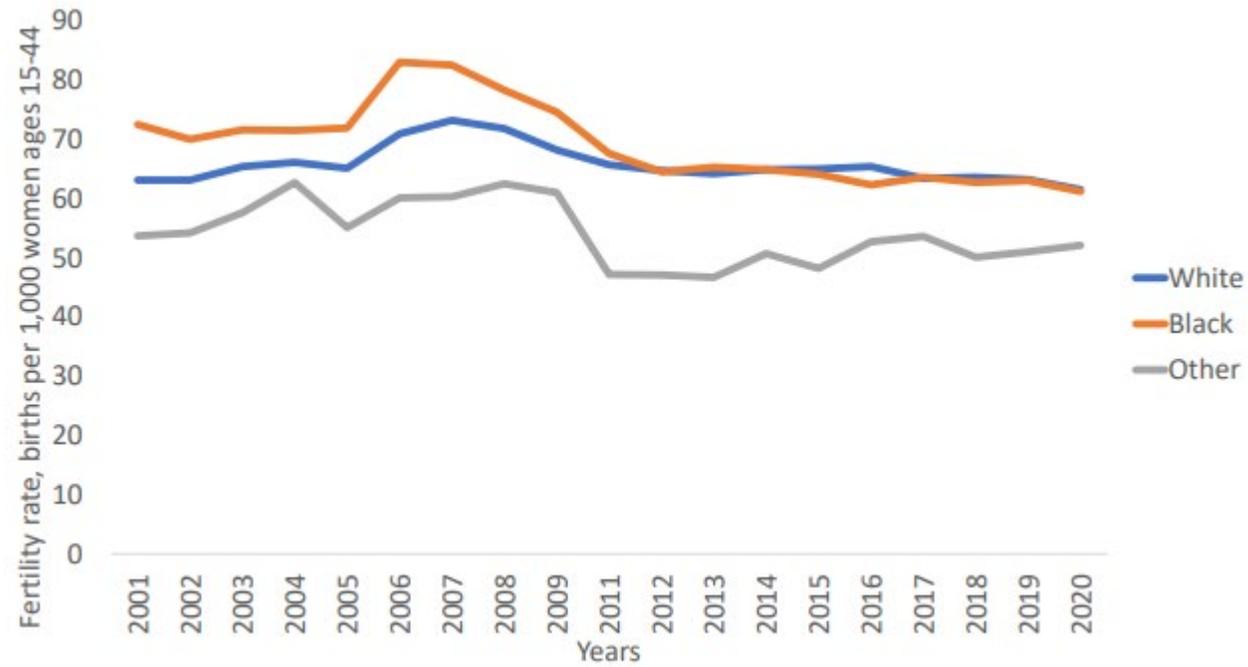
Chlamydia by Ordering Facility Type 2020



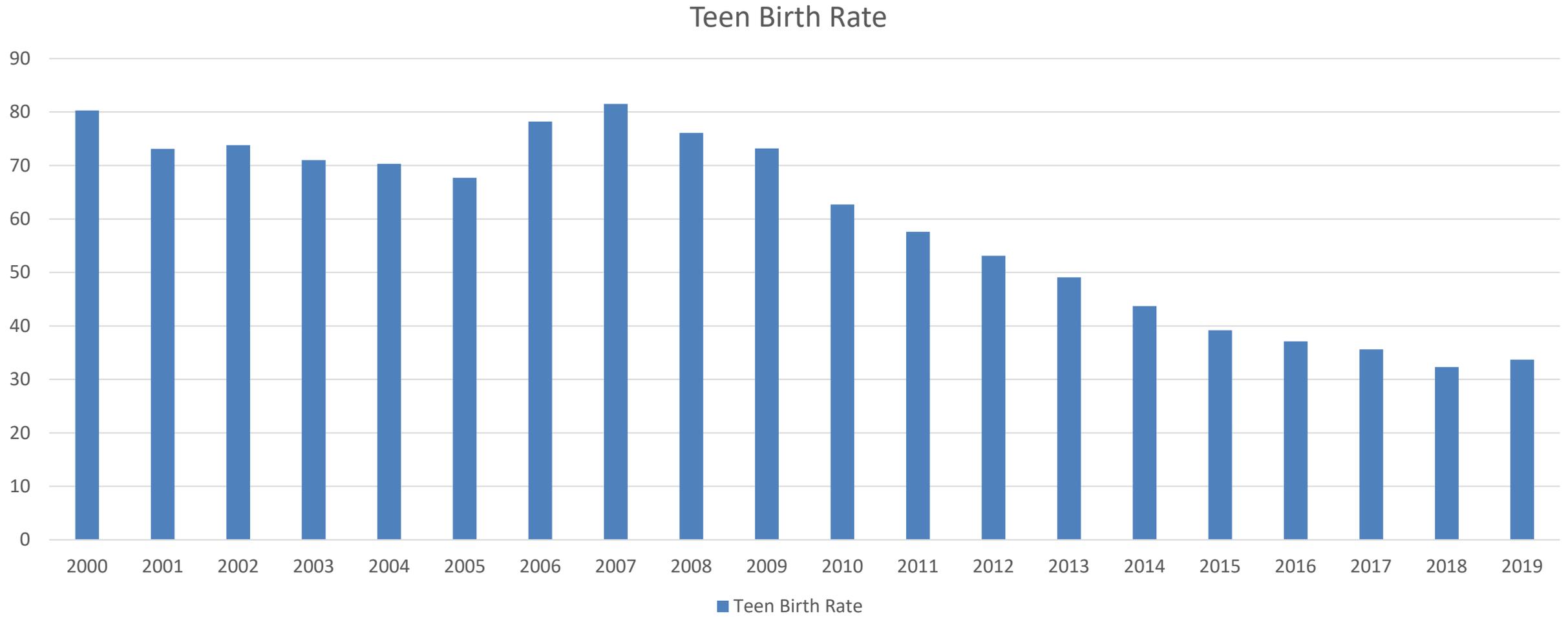
HIV by Ordering Facility Type 2020



Fertility Rate, MS 2001 - 2020



Teen Birth Rate per 1000, MS 2000-2019

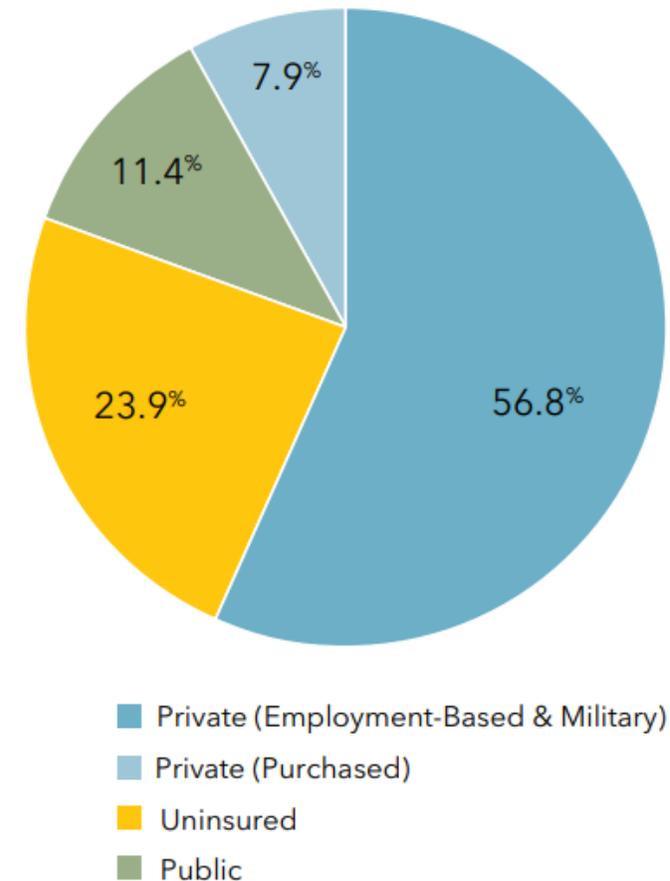


- **Racial and ethnic disparities.** "correlated with other determinants of health status, such as poverty, limited access to health care, fewer attempts to get medical treatment, and living in communities with high rates of STDs"
- **Poverty and marginalization.**
- **Access to health care.** "Access to high-quality health care is essential for early detection, treatment, and behavior-change counseling for STDs"
- **Substance abuse.**
- **Sexuality and secrecy.** "stigma associated with STDs and the general discomfort of discussing intimate aspects of life, especially those related to sex"
- **Sexual networks.** "risky sexual network"

Mississippi – other factors

- Lack of contact tracing and treatment (especially within private clinic setting)
- Lack of partner expedited therapy
- Stigma / reluctance to discuss sexual health among patients and providers
- Access to care
 - Non-expansion state
 - High poverty rate
 - Rural with low provider/population ratio

MISSISSIPPI ADULTS 19-25 YEARS OF AGE DISTRIBUTION OF COVERAGE, 2019



Opportunities (in addition to the big issues)

- Leverage partnerships (in the clinic and community)
- Advance partner expedited therapy
- Targeted contact tracing
- Expanding services / telehealth
- Cross cutting – HIV/STI/etc... breaking down siloes
- Building epi infrastructure



Innovative Models to Support NYC Sexual Health Clinics

Joaquin Aracena and Christine Borges
Bureau of Public Health Clinics
Division of Disease Control
NYC Department of Health and Mental Hygiene



Agenda



- Overview of BPHC
- Bringing HIV services to the community
 - STI Hotline
 - STI Quickie
 - Covid-19 Pivoting Model
- Maximizing resources to address diverse needs (COVID and STI Quickie labs)

Bureau of Public Health Clinics (BPHC)



Birth of BPHC



- July 1st, 2021 – Bureau of Public Health clinics born
- The Bureau of Public Health Clinics (BPHC) oversees the Health Department's clinics that offer direct services to New Yorkers, including eight Sexual Health Clinics, four Tuberculosis Chest Centers, 9 Covid Express Testing and Vaccination Clinics.
- Under centralized clinical operations, we are better positioned to achieve our goals:
 - Integrate services where common interventions are effective
 - Create new pathways to expand services, especially telehealth services
 - Implement innovative approaches
 - Improve resilience to budget challenges

BPHC current Op



- **Sexual Health Clinics**

- 4 clinics open Monday to Friday, 8:30 a.m. to 3:30 p.m. - Morrisania, Jamaica, Fort Greene, Chelsea
- 2 clinics open Tuesdays, for screening, 5 p.m. to 7 p.m. - Fort Greene, Chelsea
- Hotline (347-396-7959) open Monday to Friday, 9 a.m. to 3:30 p.m.

- **STI Quickie Clinics**

- 1 clinic open Monday to Friday, 8:30 a.m. to 3:30 p.m. - Chelsea

- **Covid Express Clinics**

- 8 clinics open Monday to Friday, 9 a.m. to 5 p.m. - across Bronx, Brooklyn, Manhattan and Queens

- **Tuberculosis Clinics**

- 3 clinics open Monday to Friday, 9 a.m. to 5 p.m. - Morrisania, Corona, Fort Greene

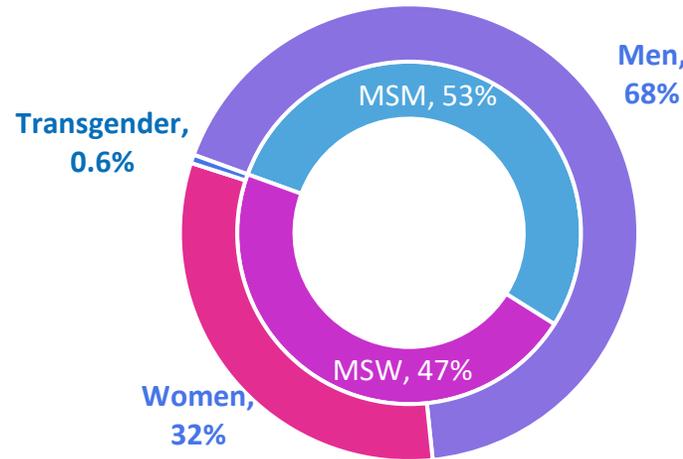
Client Patient Demographics, 2017

Patient Visits

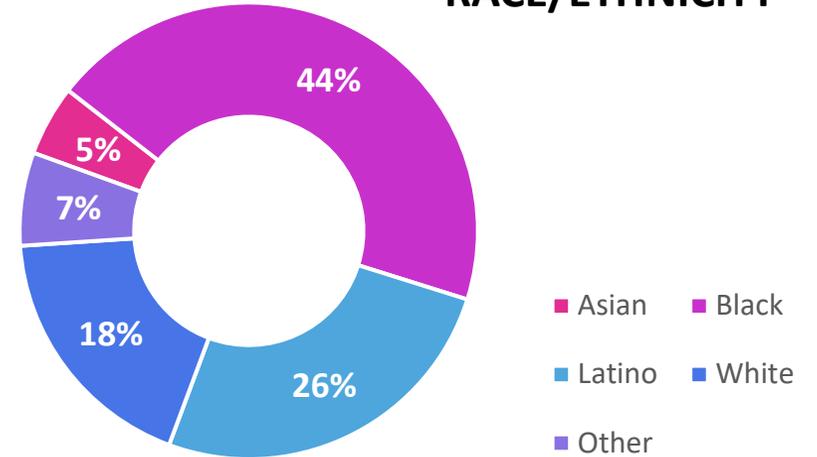


Total=79,568

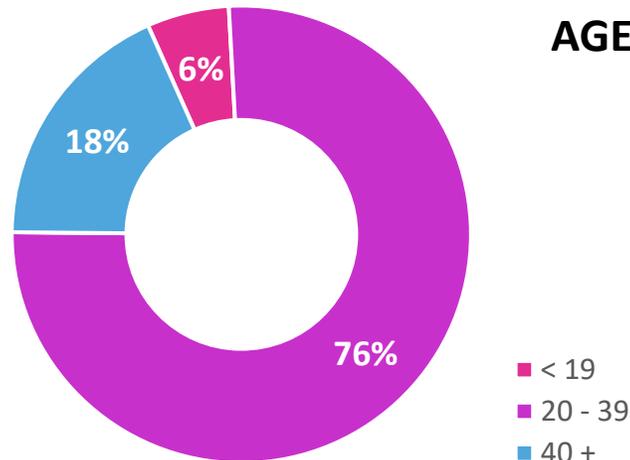
GENDER & MSM



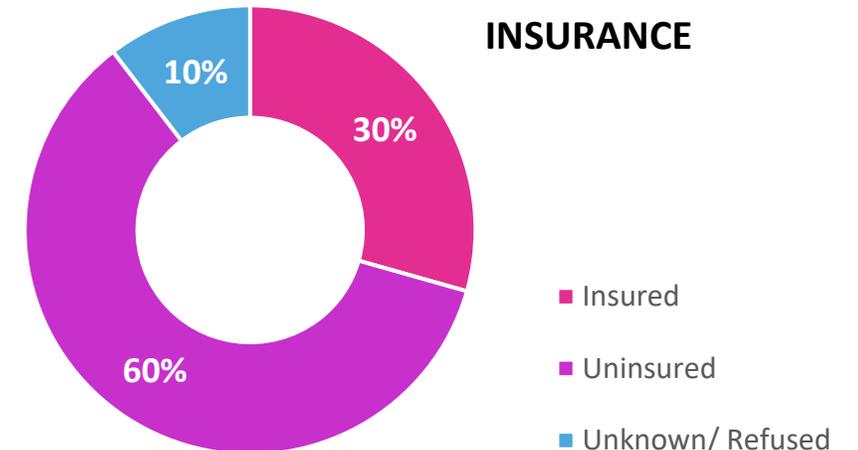
RACE/ETHNICITY



AGE



INSURANCE



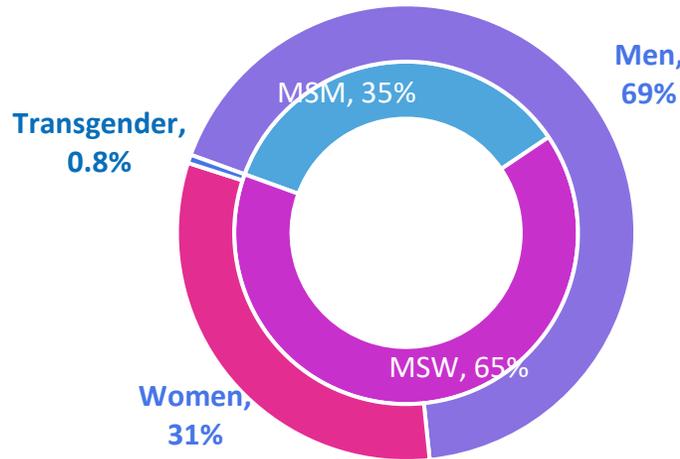
Client Patient Demographics, 2021

Patient Visits

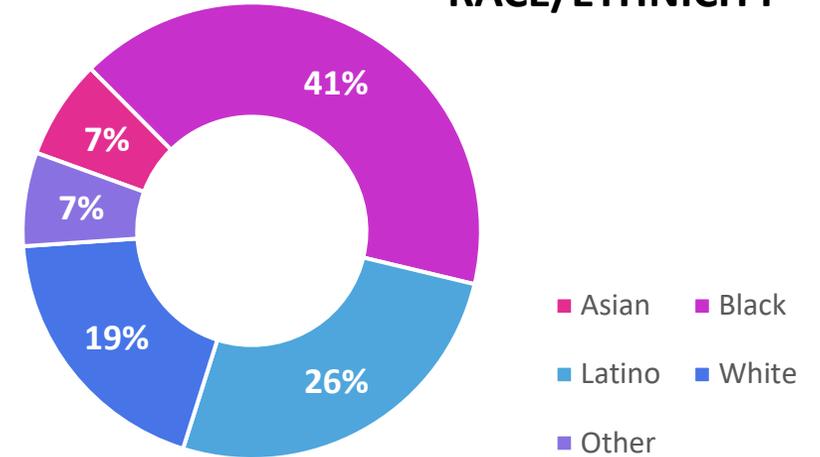


Total=42,046

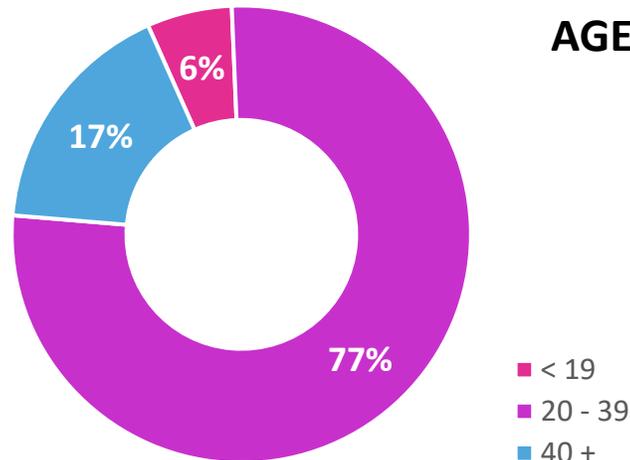
GENDER & MSM



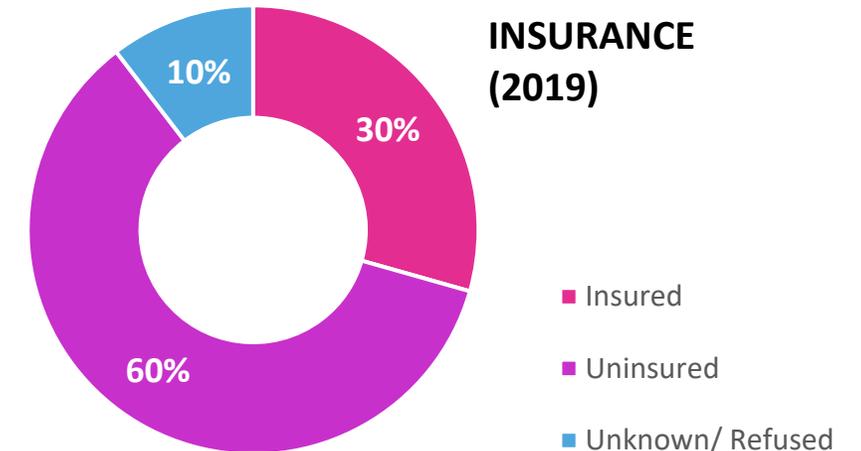
RACE/ETHNICITY



AGE



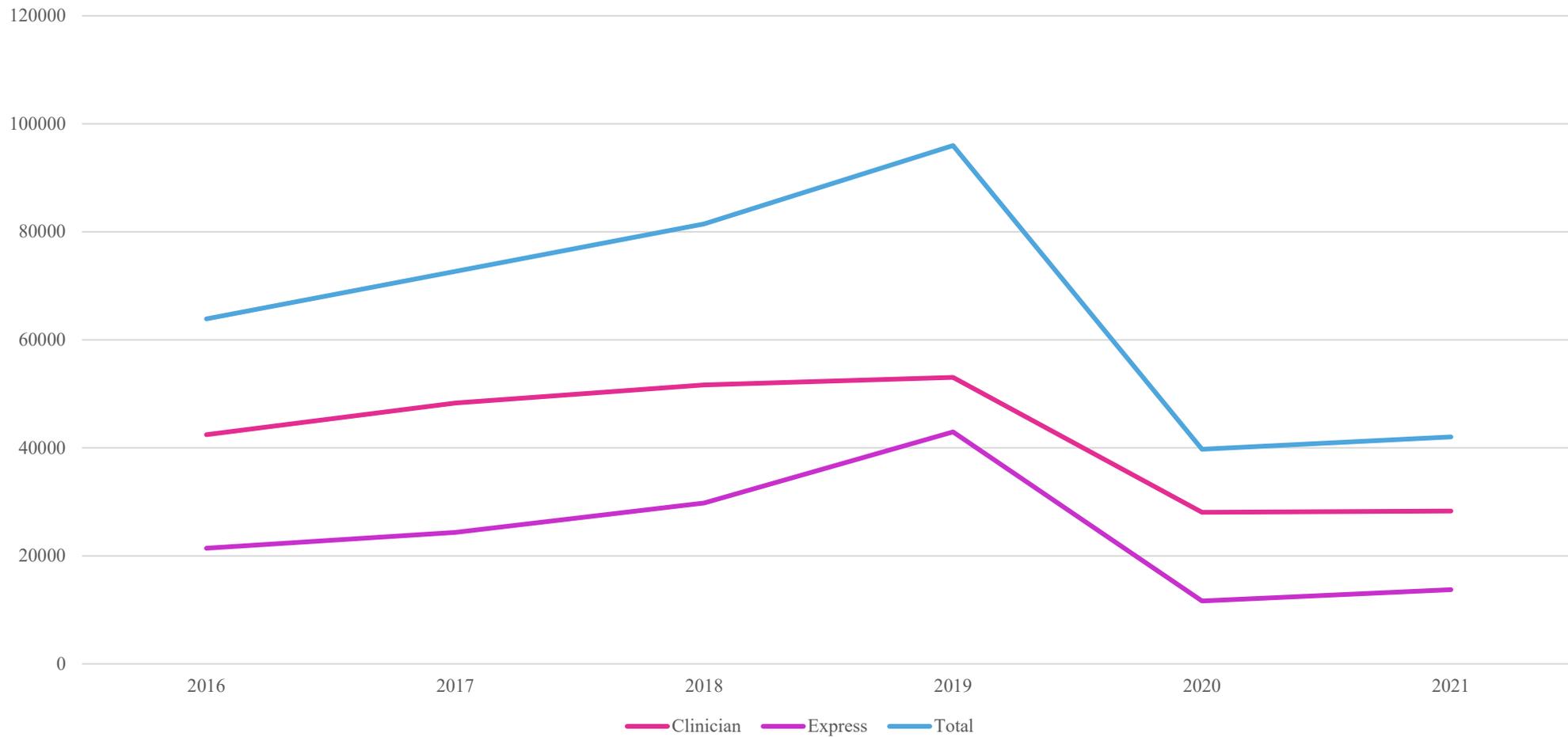
INSURANCE (2019)



Annual visit volume, NYC Sexual Health Clinics, 2016-2021



Annual Visit Volume



Reducing Sexual Health Disparities HIV Status Neutral Care in Sexual Health Clinics



Whatever your HIV status, we have services for you:



HIV Testing
PEP



PrEP
+
PEP
HIV Testing



JumpstART

STI Screening and Treatment, Condoms, Partner Services, Emergency Contraception, QuickStart Contraception, Crisis Counseling and Substance Use Services

ETE Services, NYC SHC, 2019

	PEP		PrEP		JumpstART	
	N	%	N	%	N	%
Total	4260	100.0%	3816	100.0%	641	100.0%
Gender						
Men	3676	86.3%	3592	94.1%	616	96.1%
Women	526	12.3%	165	4.3%	31	4.8%
TGNC	58	1.4%	59	1.5%	8	1.2%
MSM	3306	89.9%	3515	97.9%	534	86.7%
Race/ethnicity						
Hispanic	1370	32.2%	1221	32.0%	218	34.0%
NH-Asian	352	8.3%	296	7.8%	28	4.4%
NH-Black	1217	28.6%	813	21.3%	269	42.0%
NH-White	940	22.1%	1222	32.0%	83	12.9%
NH-Other	381	8.9%	264	6.9%	57	8.9%
Age Group						
<19	151	3.5%	120	3.1%	14	2.2%
20-29	2119	49.7%	2136	56.0%	323	50.4%
30-39	1362	32.0%	1146	30.0%	206	32.1%
40-49	436	10.2%	298	7.8%	70	10.9%
50+	192	4.5%	116	3.0%	42	6.6%
Country of birth						
US/Puerto Rico	2644	62.1%	2501	65.5%	412	64.3%
Foreign Born	1616	37.9%	1315	34.5%	243	37.9%

ETE Services, NYC SHC, 2020

	PEP		PrEP		JumpstART	
	N	%	N	%	N	%
Total	4940	100.0%	4266	100.0%	730	100.0%
Gender						
Men	4249	86.0%	4009	94.0%	685	93.8%
Women	613	12.4%	185	4.3%	36	4.9%
TGNC	78	1.6%	72	1.7%	9	1.2%
MSM	3824	77.4%	3919	91.9%	597	81.8%
Race/ethnicity						
Hispanic	1604	32.5%	1371	32.1%	245	33.6%
NH-Asian	400	8.1%	346	8.1%	37	5.1%
NH-Black	1425	28.8%	889	20.8%	293	40.1%
NH-White	1078	21.8%	1367	32.0%	94	12.9%
NH-Other	433	8.8%	293	6.9%	61	8.4%
Age Group						
<19	173	3.5%	133	3.1%	18	2.5%
20-29	2452	49.6%	2393	56.1%	356	48.8%
30-39	1598	32.3%	1288	30.2%	238	32.6%
40-49	491	9.9%	321	7.5%	74	10.1%
50+	226	4.6%	131	3.1%	44	6.0%
Country of birth						
US/Puerto Rico	3077	62.3%	2791	65.4%	459	62.9%
Foreign Born	1863	37.7%	1475	34.6%	271	37.1%



ETE Services, NYC SHC, 2021

	PEP		PrEP		JumpstART	
	N	%	N	%	N	%
Total	5542	100.0%	4962	100.0%	841	100.0%
Gender						
Men	4733	85.4%	4657	93.9%	783	93.1%
Women	714	12.9%	202	4.1%	46	5.5%
TGNC	95	1.7%	103	2.1%	12	1.4%
MSM	4267	77.0%	4534	91.4%	685	81.5%
Race/ethnicity						
Hispanic	1834	33.1%	1598	32.2%	284	33.8%
NH-Asian	450	8.1%	411	8.3%	49	5.8%
NH-Black	1596	28.8%	1013	20.4%	334	39.7%
NH-White	1184	21.4%	1590	32.0%	103	12.2%
NH-Other	478	8.6%	350	7.1%	71	8.4%
Age Group						
<19	190	3.4%	153	3.1%	24	2.9%
20-29	2725	49.2%	2762	55.7%	411	48.9%
30-39	1813	32.7%	1516	30.6%	277	32.9%
40-49	561	10.1%	374	7.5%	80	9.5%
50+	253	4.6%	157	3.2%	49	5.8%
Country of birth						
US/Puerto Rico	3452	62.3%	3243	65.4%	523	62.2%
Foreign Born	2090	37.7%	1719	34.6%	318	37.8%

How did we get here?





Impact of COVID on Sexual Health Clinics

- March 2020- all clinics closed as part of lockdown with Chelsea operating for limited services, Telemed launches at end of month, most ETE services suspended
- April 2020 – pharmacy delivery
- May 2020 – **HIV home test kit delivery**, Ft Greene reopens for limited services, expanded walk in services
- June 2020 – express visits resume, LARC becomes available
- July 2020 – Jamaica reopens limited services, Telemed expands
- August 2020 – **COVID express clinics at SHC sites, Tele-PrEP begins**
- November 2020 – Morrisania opens for limited services
- July 2021- COVID testing pivots to STI Quickie in parallel

STI Telemed





Telemed Services

- Medical management of a positive/abnormal STI test result
- HIV services
 - HIV treatment initiation, for those diagnosed with HIV, who would like to start HIV treatment for the first time
 - Consultation for HIV Pre-Exposure Prophylaxis (PrEP) initiation for NYC residents aged 13 and older
 - Includes daily PrEP and PrEP “on demand”
 - Medical evaluation for those who think they have signs or symptoms of HIV
 - Medical evaluation for those who might have or have been exposed to HIV



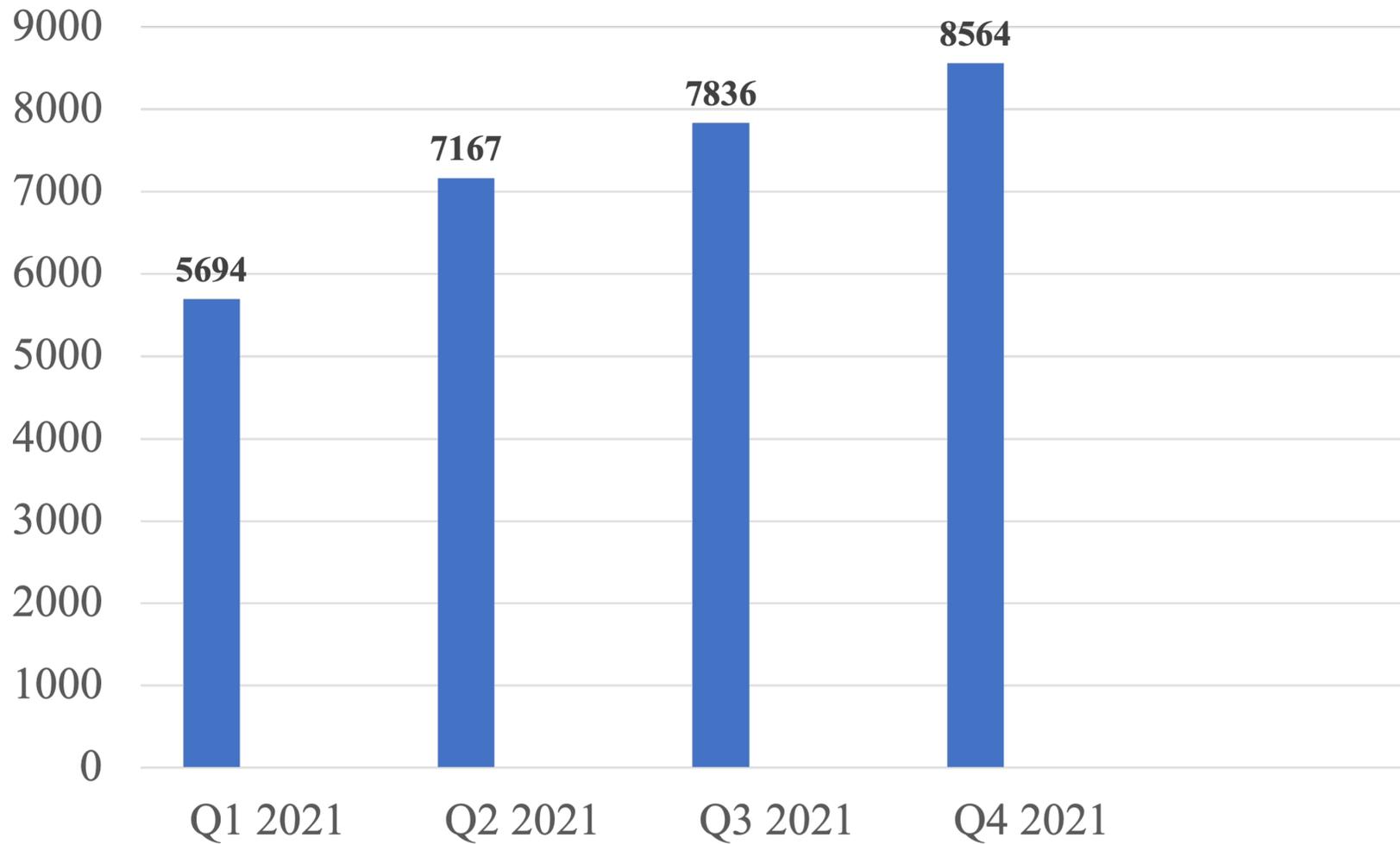
Telemed Services

- Contraception services
 - Emergency contraception
 - Consultation for other contraception methods, including:
 - Pills, Ring, Patch, Shot, Long-acting Reversible Contraception (IUD and Implant)
- Prescription (STI treatment and HIV home test kits)



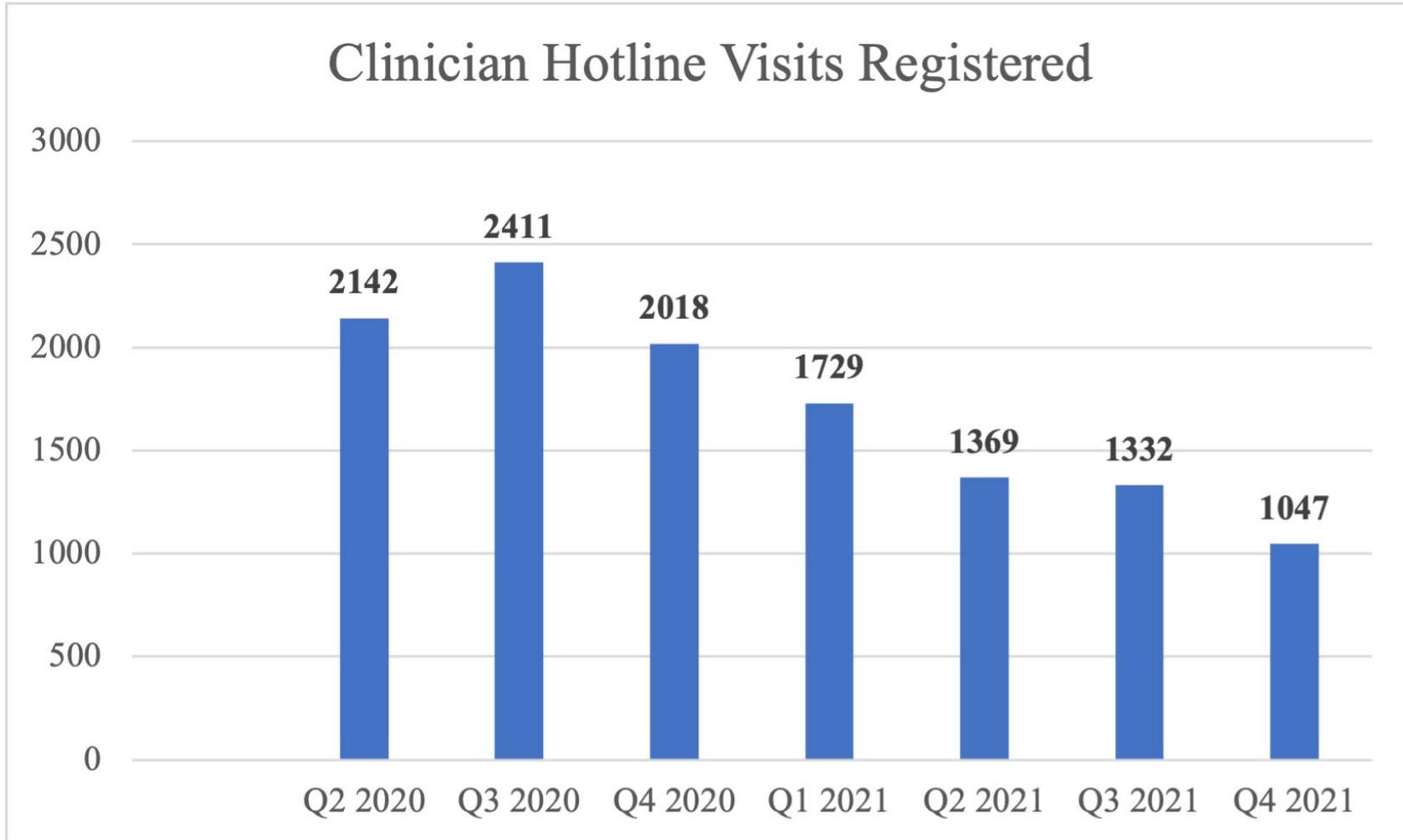
Telemed Trends: Volume

Hotline Call Volume





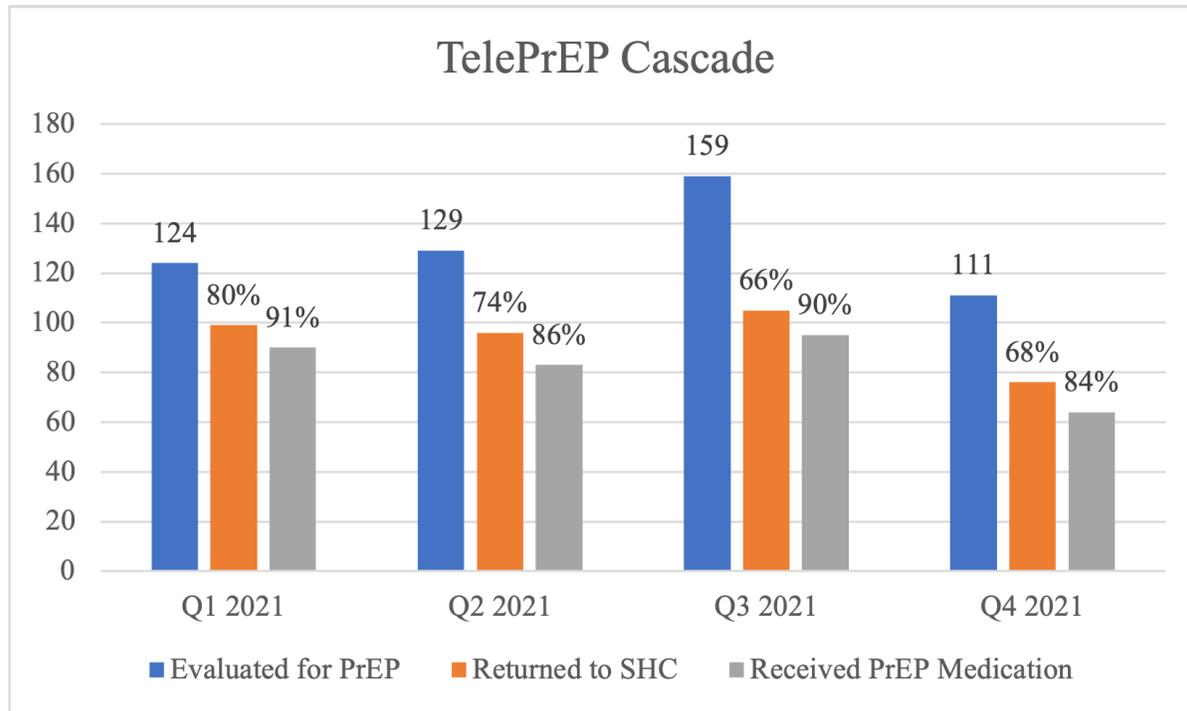
Telemed Trends: Volume





Tele Prep cascade (2021)

- 523 Tele-PrEP visits:
 - 376 (72%) patients visited a Sexual Health Clinic post-telehealth visit within 14 days of telehealth
 - 332 (88%) patients received PrEP medication on the day of their visit



STI Quickie



STI Quickie: Services

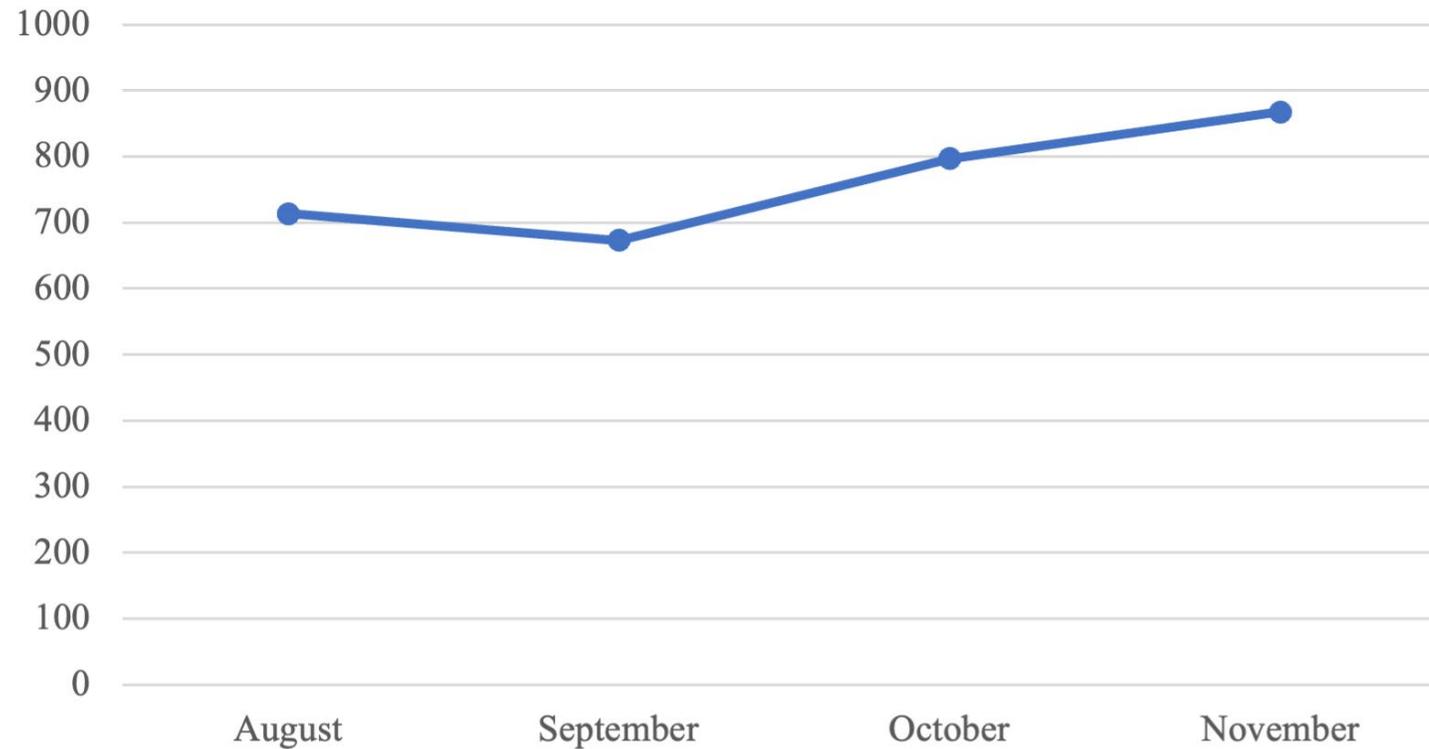


- Services offered at STI Quickie Clinics
 - Results <1 minute
 - HIV testing using INSTI
 - Results <24 hours
 - CT/NG testing using Cepheid technology
 - Results 3-5 days (outsourced)
 - Syphilis serology testing
 - Hepatitis serology testing for HEP A-B-C
 - Results <2 weeks: PNAAT (Early detection blood serology for at risk individuals)
- Cycle Time: 30 minutes compared to 1.5 hours cycle time in regular sexual health clinics
- Clinic Trends on next slides
 - Number of visits
 - Percentage of Positive Tests

STI Quickie: Volume

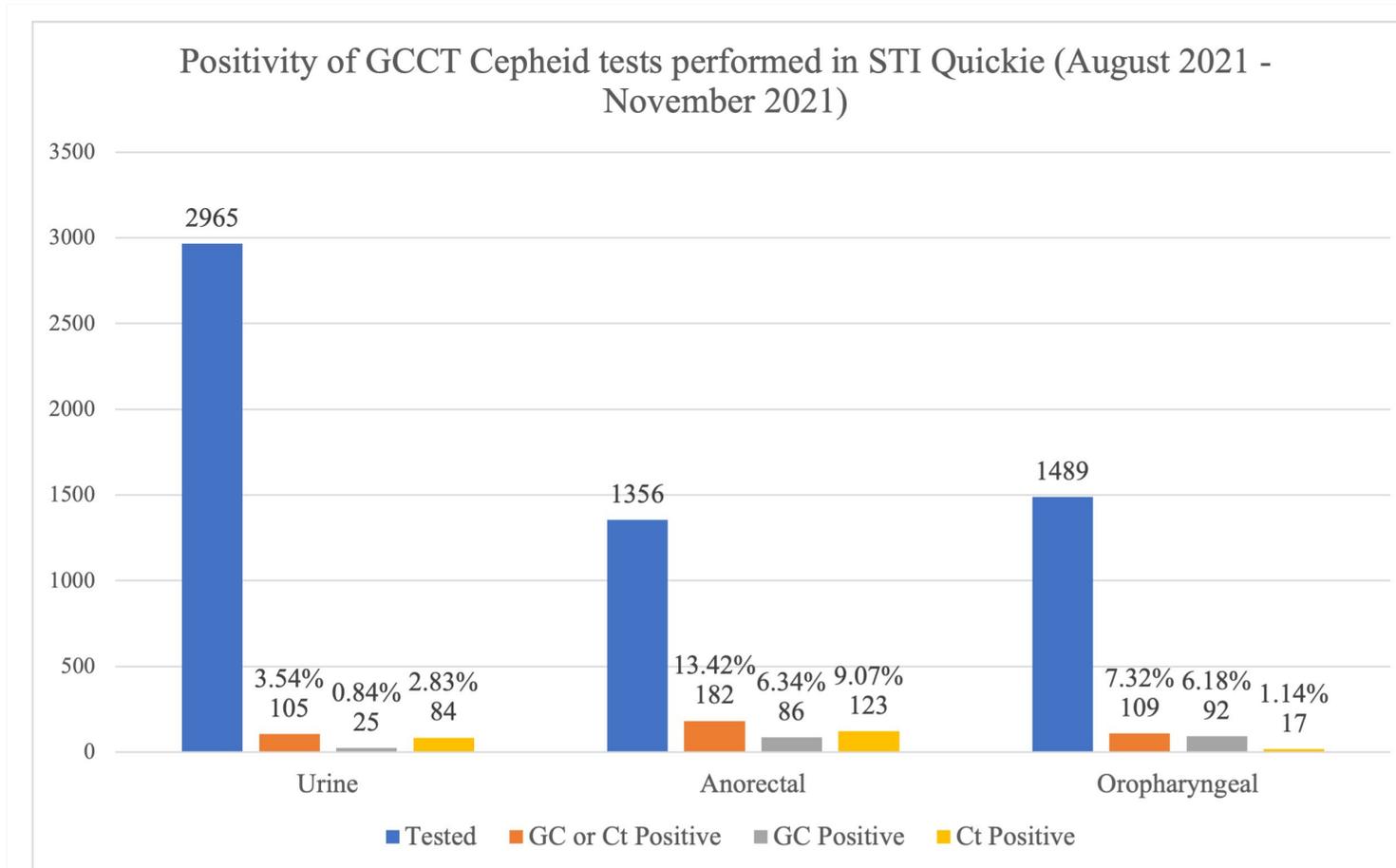


STI Quickie Visits (2021)





STI Quickie: Positivity



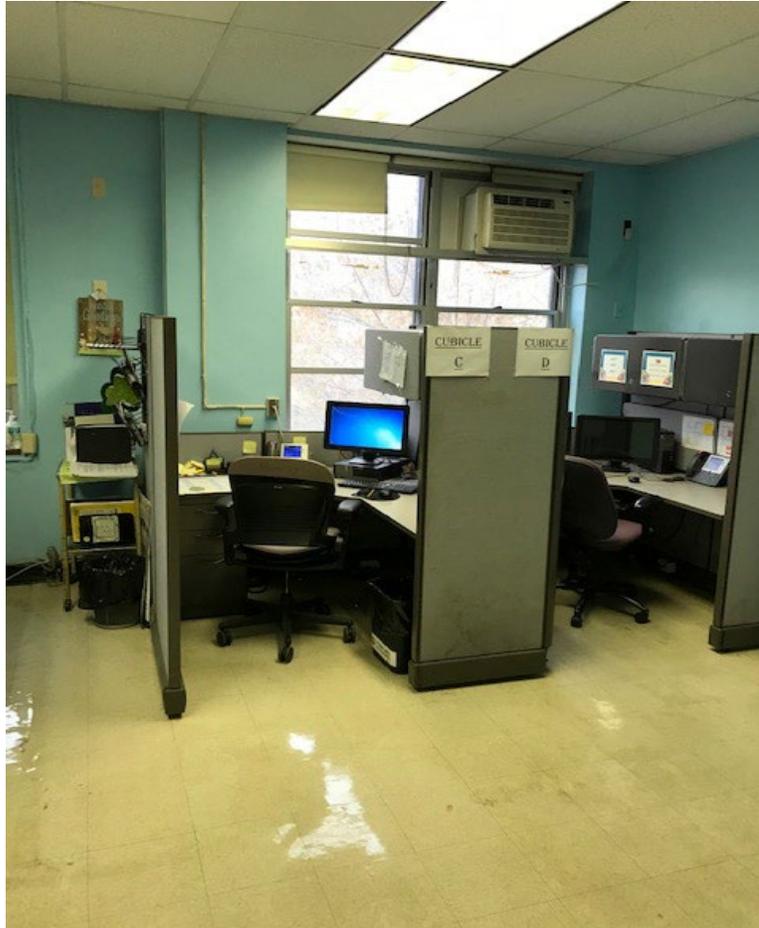
Covid Express: Services



- Services offered at Covid Express sites
 - Covid-19 NP-PCR Testing: Same day results
 - Covid-19 Vaccine Series
- BPHC operates 8 Covid Express clinics across Bronx, Brooklyn, Manhattan and Queens, within existing sexual health clinics



Covid Express: Renovations



Morrisania Lab: Pre-renovation



Morrisania Lab: Post-renovation
'Xfinity 48'

STI Quickie Expansion Plan



- Scale up STI Quickie Services in outer-boroughs
 - Fort Greene STI Quickie: Summer 2022
 - Patient-facing scheduling platform for Quickie clinics
- PrEP Continuity Clinic at Corona SHC: Summer 2022
- During emergency, such as Covid-19, pivot between Covid Express clinics and STI services
- Future reagent cartridges as they are FDA-approved

Thank you!

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Assistant Commissioner, Bureau of Public Health Clinics

Christine Borges cborges@health.nyc.gov

Director of Program Implementation





School health
programming providing
comprehensive STI
services with an STI
outreach approach

Erica Drake APRN, CNP

Sandy Naughton HE



Health Start School Based Clinics

10 School Based Clinics located in the High Schools of St. Paul Public Schools in St. Paul, MN

We are apart of Minnesota Community Care – MCC is MN largest Federally Qualified Health Care system.

Health Start Clinics began in 1973 as the nations first School Based Health Clinic

Currently there are over 3,000 School Based Clinics Nationally



Health Start Clinic Overview

Our clinics are designed with an integrated team approach:

- Advanced Practice Provider
- Mental Health Provider
- Health Educator
- Registered Dietician
- Medical Assistant
- Clinic Coordinator

Our clinic provides Health Care to adolescents ages 13-22 regardless of ability to pay

We provide Confidential Care under the Minnesota Minors Consent Law



Health Start Clinic Overview

We see on average 4,000 unique patients a year between our four disciplines

Average a total of 25,000 visits between our 10 school-based clinics





STI Outreach

Basing off CRUSH - MN Department of Health Statewide STI outreach and testing campaign

<https://www.health.state.mn.us/diseases/chlamydia/crush.html>

C: Community

R: Restoring

U: Urban Youth

S: Sexual

H: Health

Make it about the teens!

We:

focus our outreach into the classrooms and beyond the clinic walls

offer walk in testing and basic sexual health screening

make it fun!

have treats and incentives!

Offer a friendly and welcoming environment for teens

Screening form

Name

Date you were born:

Cell phone (or phone to reach you)

Is it okay to leave you a message? Yes No

Are you a new patient to the clinic? Yes No

Have you had sex before? Yes No

My partners are: (please circle)

Men

Women

Both

1. How many partners have you had in the last 3 months?
2. How many different people have you had sex with in your life? Please write the number ____
3. Do you use a method to prevent pregnancy? (pills, condom, depo shot etc)
3. Have you ever had a STI/STD?
4. Do you have any current STI/STD symptoms? (Even with no symptoms you can still be infected)

Example: pain when you pee, discharge from penis or vagina, sores, abdominal pain



STI Day

For ease of the flow we do urine STI for Chlamydia and Gonorrhea

We schedule further education and screening for additional STI testing including blood draws and throat and rectal screening.

We provide condoms to all students with the visits

We are able to provide care for all students regardless of parental consent under Minnesota Minor Consent law

For uninsured students we help them apply for Minnesota Family Planning Program

https://www.dhs.state.mn.us/dhs16_137813)

Result

Our last CRUSH STI DAY event was in Spring of 2019. We look forward to our next event that is happening now!

During our events we see ~ 400 teens and screen about half of the teens based on their sexual history and risk factors. We have about a 10% positivity rate.