

Hepatitis B in NYC Annual Report 2020

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Hepatitis B Surveillance



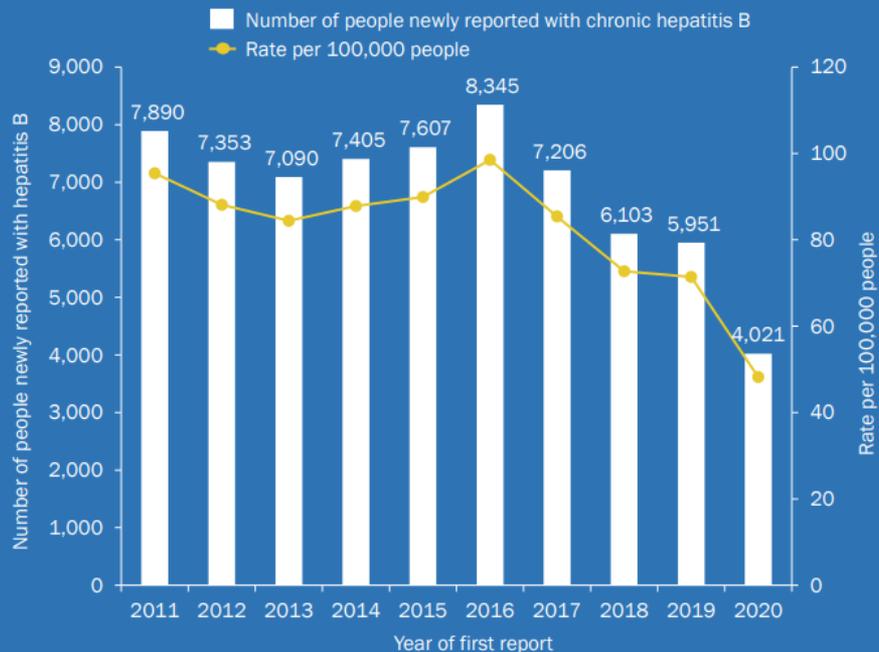
Hepatitis B Prevalence, New York City (NYC)

241,000

New Yorkers with
hepatitis B

Newly reported cases of chronic hepatitis B in 2020

Figure 9. Number and rate of people newly reported with chronic hepatitis B in NYC by year of first report, 2011–2020



4,021

Number of people newly reported

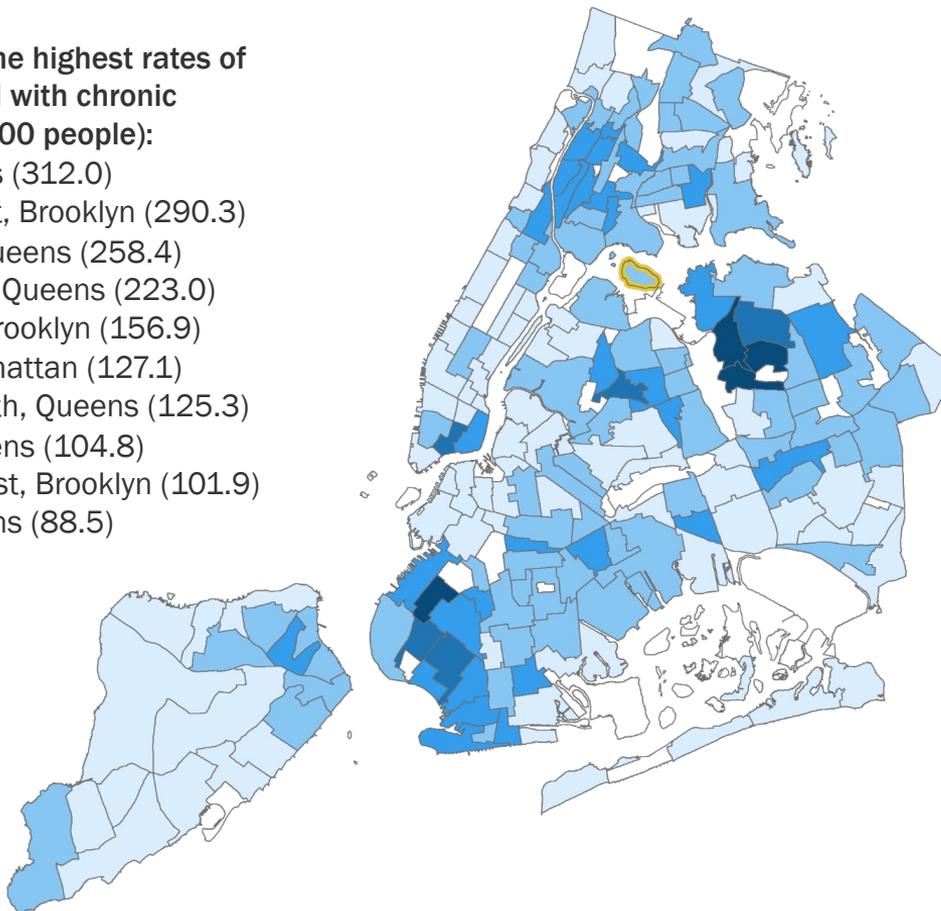
48.2

Rate of newly reported per 100,000 people

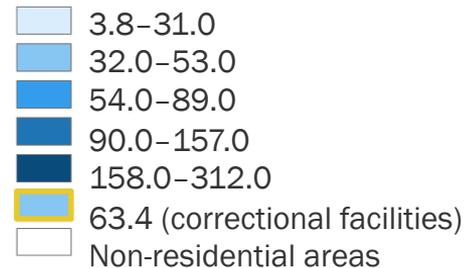
Epidemiology of hepatitis B in NYC

Neighborhoods with the highest rates of people newly reported with chronic hepatitis B (per 100,000 people):

1. Flushing, Queens (312.0)
2. Sunset Park East, Brooklyn (290.3)
3. East Flushing, Queens (258.4)
4. Queensboro Hill, Queens (223.0)
5. Dyker Heights, Brooklyn (156.9)
6. Chinatown, Manhattan (127.1)
7. Elmhurst-Maspeth, Queens (125.3)
8. Murray Hill, Queens (104.8)
9. Bensonhurst West, Brooklyn (101.9)
10. Woodside, Queens (88.5)



Annual rate per 100,000 people



Perinatal Hepatitis B

- 788 pregnant individuals diagnosed with chronic hepatitis B
- 95% of those individuals were born outside of the U.S.

Percentage of people with hepatitis B who delivered a live birth in NYC
by borough and region of birth, 2020



Deaths where hepatitis B is listed as the underlying cause

82

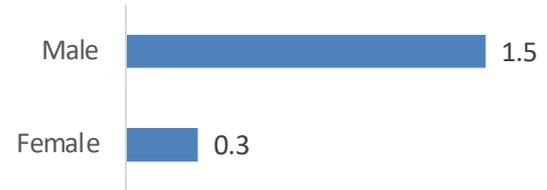
Number of
deaths in 2020

0.9

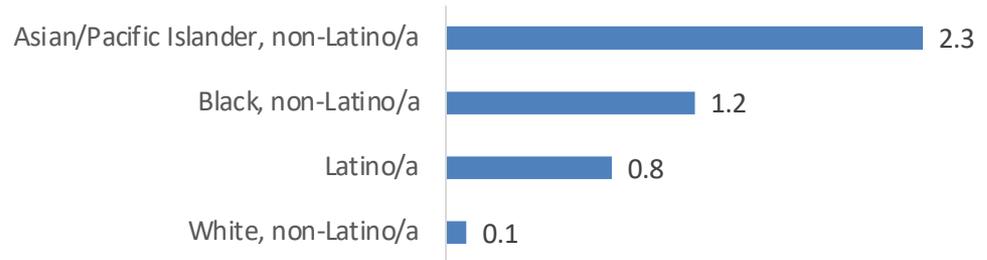
Rate per
100,000 in 2020

Age-adjusted death rate per 100,000 among New York City residents where hepatitis B is listed as the cause of death in 2020

Sex



Race and Ethnicity





Viral Hepatitis Tele-Navigation

Tele-navigation Target Population

Surveillance-based outreach to people out of care

- **Enhanced Surveillance Linkage to Care (Feb 2018-now):** Individuals infected with hepatitis C and identified through Viral Hepatitis Program Enhanced Surveillance interviews
- **SUCCEED (May 2018-now):** Working with HIV team to identify individuals living with hepatitis C and HIV co-infection
- **RHIO Project (Oct 2019-now):** Using RHIO (Regional Health Information Organization) to identify individuals with advanced liver fibrosis
- **Project FOCUS (Jun 2017-Aug 2018):** Older cases not treated (tested text, letter and call outreach)

Referral-based outreach

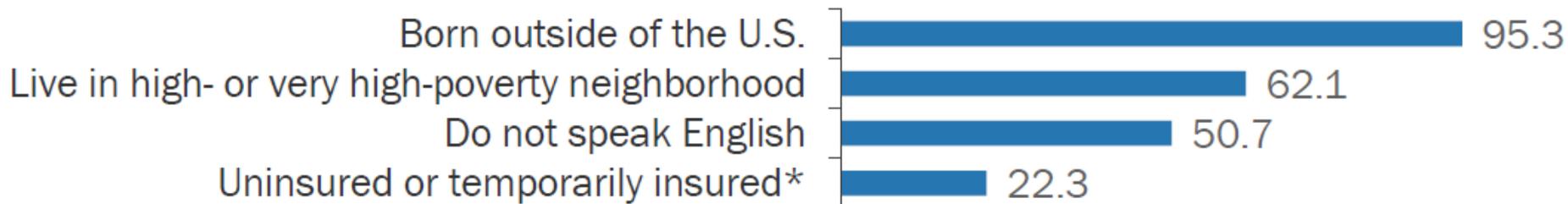
- **Hep B Moms (Feb 2017-now):** Women during or after pregnancy identified through Bureau of Immunization Perinatal Hep B Prevention Program (PHBPP) interviews and the women's contacts
- **Corrections (Jun 2018-now):** Working with the medical team at Rikers and offering navigation services to jail re-entrants to promote linkage to care and hepatitis C treatment
- **NYC Sexual Health Clinic Referrals (Mar 2021-now):** Individuals infected with hepatitis B or C identified through screening and provider evaluation at NYC Sexual Health Clinics
- **Routine Linkage to Care (Jul 2017-now):** Individuals who are self-referred or referred by others outside of the above programs for hepatitis B or C care

Tele-navigation Outcomes 2020: Hepatitis B

148 people with chronic hepatitis B were enrolled

59% Linked to medical care

62% of those linked were virally suppressed



*Temporary Medicaid of pregnant individuals only

Community Navigation and Capacity Building



*Check Hep B
Patient Navigation
Program*



*Check Hep C
Patient Navigation
Program*



*Hep C Peer Navigation
at Syringe Exchange
Programs*



*Empire Liver Foundation
Clinical Provider Training
Program*



harm reduction
COALITION

*Harm Reduction Coalition
Training and Technical
Assistance Program*



*Hep Free NYC
NYC Hep C Task Force
and Hep B Coalition*

Hepatitis Clinical Exchange

*Clinical Practice
Facilitation
Interventions*



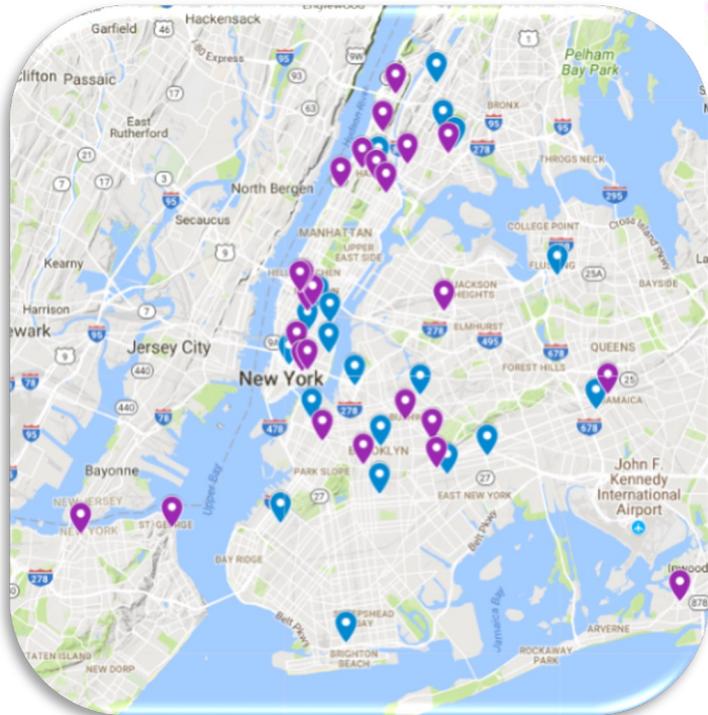
Community Navigation Programs

Community Hepatitis Navigation Programs

- Since 2014, the New York City Council has funded **33 organizations through the “Viral Hepatitis Initiative”** to connect people at risk of hepatitis B and/or hepatitis C to prevention, testing, care and treatment.
- **Organizations hire peers and/or patient navigators** to provide outreach, harm reduction services or hepatitis B contact services, health promotion, referrals to supportive services, navigation to complete diagnostic testing and hepatitis B and C medical evaluation, and support through treatment.
- **DOHMH VHP team develops scope of services, trains navigators, monitors monthly progress, and facilitates** ongoing team meetings to share best practices and work through challenges.



Funded organizations across the 5 Boroughs



Community Organizations:

1. African Services Committee
2. After Hours Project
3. AIDS Center of Queens County
4. Boom! Health
5. Community Health Action of Staten Island
6. Family Services Network of NY
7. Housing Works
8. Korean Community Services
9. Lower East Side Harm Reduction Center
10. New York Harm Reduction Educators
11. Positive Health Project
12. Praxis Housing Initiatives
13. Safe Horizon Streetwork Project
14. St. Ann's Corner of Harm Reduction
15. VOCAL-NY
16. Washington Heights CORNER Project

Health Centers and Hospitals:

1. Bedford Stuyvesant Family Health Center
2. Boom! Health
3. BronxCare Health System
4. Brownsville Multiservice Family Health Center
5. Charles B Wang Community Health Center
6. Community Healthcare Network
7. H+H Bellevue Hospital
8. H+H Coney Island Hospital
9. H+H Elmhurst Hospital
10. H+H Kings County Hospital
11. Harlem United (retired)
12. Kingsbrook Jewish Medical Center
13. Montefiore Comprehensive Health Care Center
14. Seventh Avenue Family Health Center at NYU Langone

Program Outcomes (July 2014 – June 2020)



\$63k - \$109k
per org per year

17
Navigators
Trained

Service	Enrolled and Educated	Linked to Care	Completed Medical Evaluation	Started Treatment*
Number of Patients	1,813	99%	93%	93%

* Percent from treatment candidates (43%)



\$44k - \$100k
per org per year

53
Navigators
Trained

Service	Enrolled and Educated	Linked to Care	Treated
Number of Patients	4,253	89%	58%



\$21k - \$40k
per org per year

117
Peers
Trained

Service	Enrolled and Educated	Hep C-Positive Linked to Care	Treated
Number of Patients	10,016	60%	41%

Check Hep B: Country of Birth of African Patients

27% born in these countries

1. Senegal
2. Ghana
3. Burkina Faso
4. Guinea
5. Ivory Coast
6. Nigeria
7. Gambia
8. Togo
9. Mali
10. Liberia
11. Niger
12. Cameroon
13. Sierra Leone
14. Benin
15. Mauritania
16. Congo
17. Botswana
18. Ethiopia
19. Morocco
20. Namibia
21. Rwanda
22. Uganda

Spoken Languages

1. French\Wolof
2. Twi
3. Foulani
4. Mandinka
5. Arabic
6. Soninke
7. Yoruba
8. Bambara
9. Dyula
10. Hausa
11. Mossi
12. Amharic
13. Bafang
14. Ewe
15. Fulani
16. Ghana
17. Pulaar
18. Zarma

Thank You!

- **Surveillance**

- Angelica Bocour
- Aiesha Hibbert
- Kelly Huang
- Christina Hwang
- Aprielle Wills

- **Interns**

- Samantha Carpen
- Shaili Ghandi

- **Programs**

- Sarah Ahmed
- Marie Bresnahan
- Alex Brenes
- Diana Diaz Munoz
- Nadine Kela-Murphy
- Adeeba Khan
- Umaima Khatun
- Farma Pene
- Jackilyn Rivera
- Liz Tang
- Leandra Urena
- Rahel Yosief

HEP FREE NYC