

# HIV Among Transgender People – New York City, 2024

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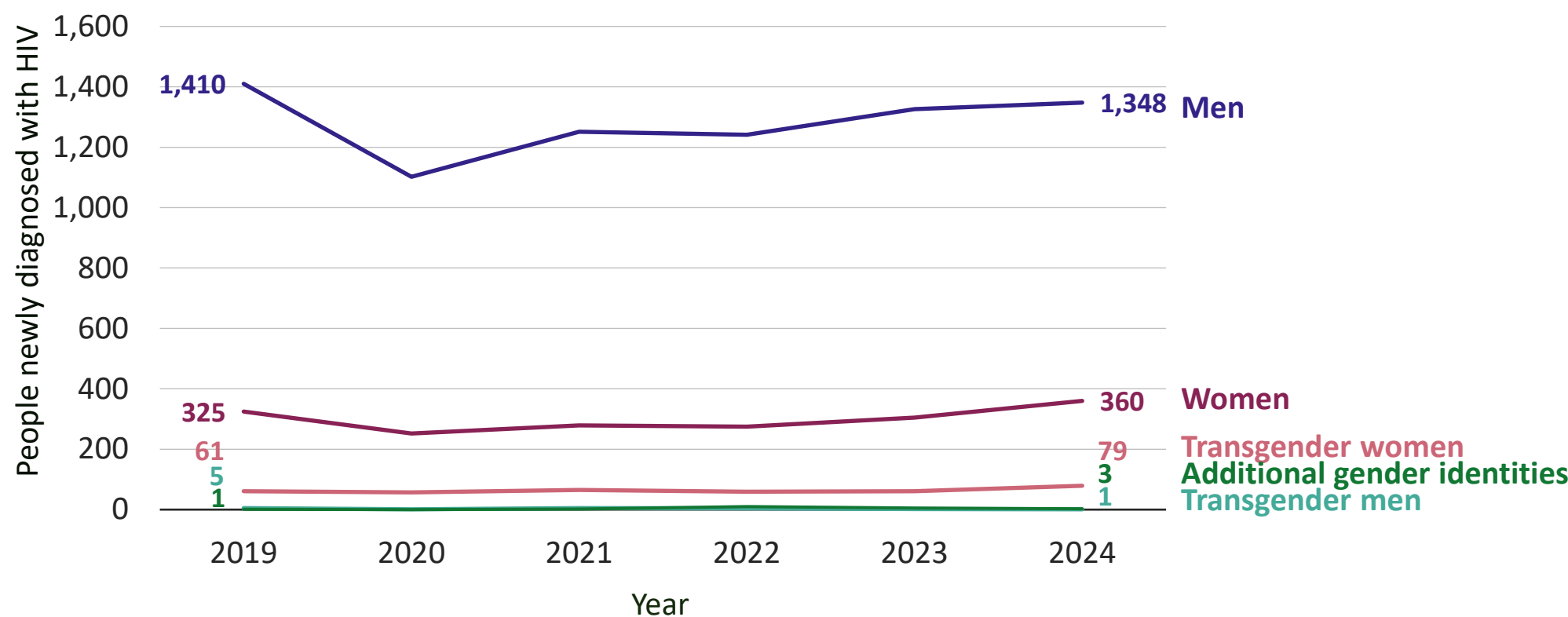
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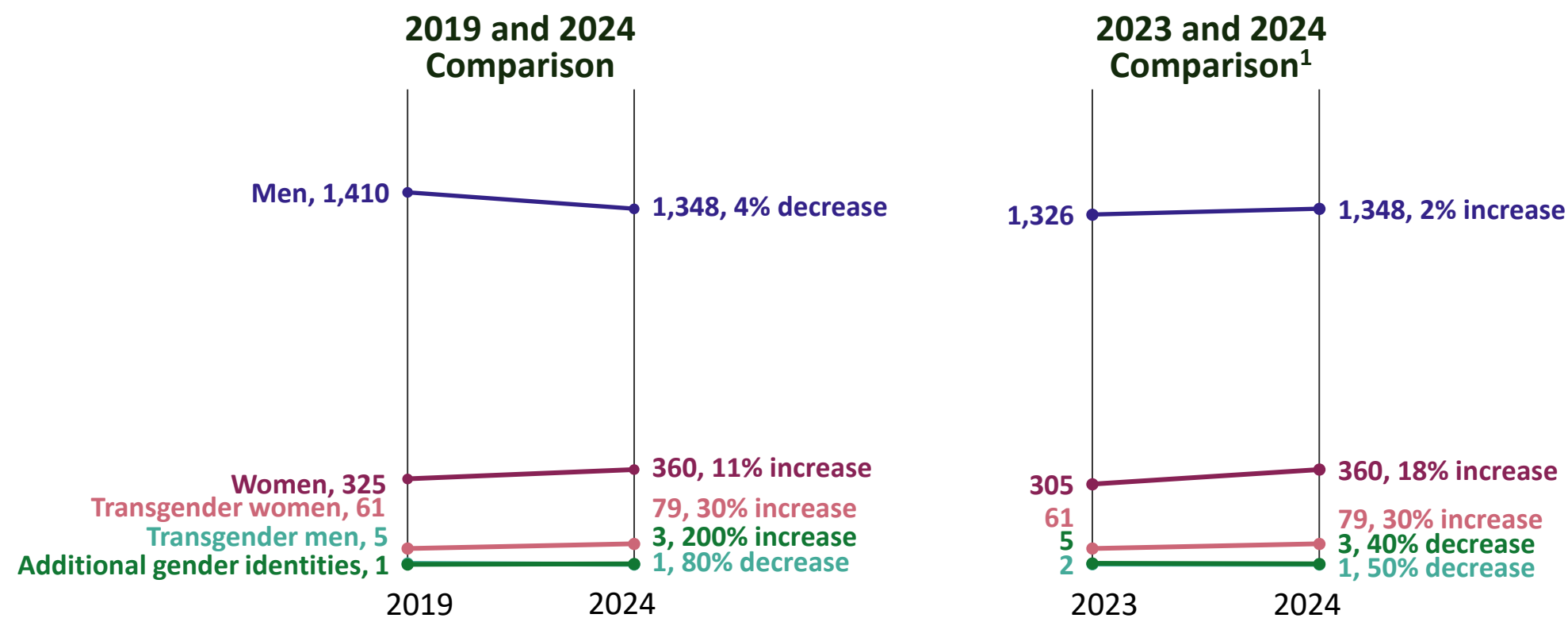
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# Number of People Newly Diagnosed With HIV by Gender – New York City, 2019-2024



**Men consistently experienced the highest number of new HIV diagnoses, accounting for 75% of new diagnoses in 2024. The number of people newly diagnosed with HIV increased among women and among transgender women from 2019 to 2024. All other gender groups experienced decreases or relatively stable numbers of new HIV diagnoses. In 2024, transgender women and transgender men represented 4% of new HIV diagnoses.**

# Number of People Newly Diagnosed With HIV and Percent Change by Gender – New York City in 2019, 2023, and 2024



The number of men newly diagnosed with HIV decreased 4% from 2019 to 2024 and was relatively stable from 2023 to 2024. From 2019 to 2024, the number of new HIV diagnoses increased among women (11%) and transgender women (30%); similar increases occurred among these groups from 2023 to 2024. All other gender groups experienced relatively small numbers of new diagnoses during these years; percent change calculations for these groups should be interpreted with caution.

<sup>1</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

# Basic Statistics of HIV Among Transgender People – New York City, 2024

- **80 transgender people newly diagnosed with HIV<sup>1</sup>**
  - Including 5 transgender people concurrently diagnosed with AIDS<sup>2</sup> (6.3% of diagnoses)
- **41 transgender people newly diagnosed with AIDS<sup>3</sup>**
- **There are an estimated 2,700 transgender people with HIV<sup>4</sup>**
- **37 deaths<sup>5</sup> among transgender people with HIV**
  - 12.4 deaths per 1,000 transgender people with HIV<sup>6</sup>

<sup>1</sup>Excludes people known to have been diagnosed outside NYC.

<sup>2</sup>An AIDS diagnosis within 31 days of an HIV diagnosis is considered a concurrent diagnosis.

<sup>3</sup>Includes people concurrently diagnosed with HIV and AIDS.

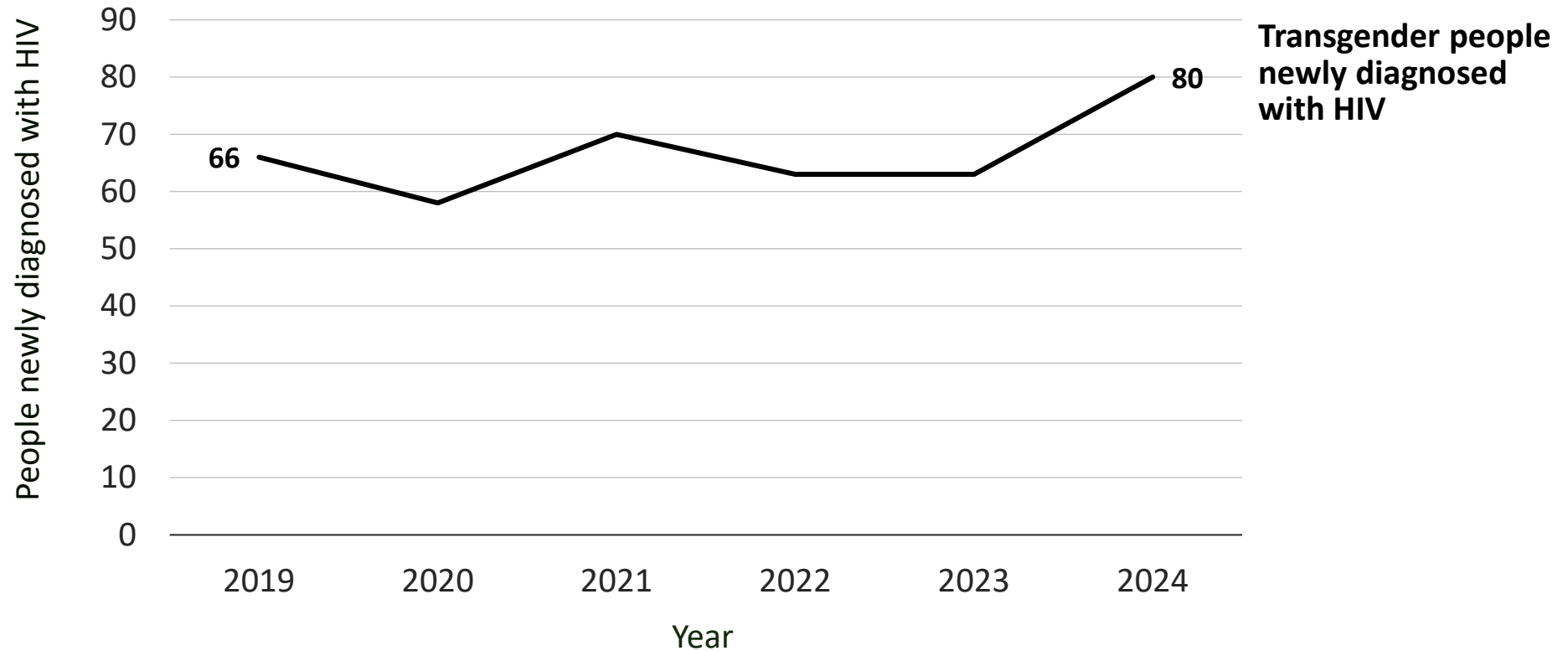
<sup>4</sup>Approximate value calculated as the number of people with HIV divided by the estimated proportion of people with HIV who had been diagnosed, see Technical Notes for more details.

<sup>5</sup>Includes deaths from any cause in people with HIV. Death data for 2024 are incomplete.

<sup>6</sup>Age-adjusted to the 2000 U.S. Standard Population. People newly diagnosed with HIV at death were excluded from the analysis.

As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

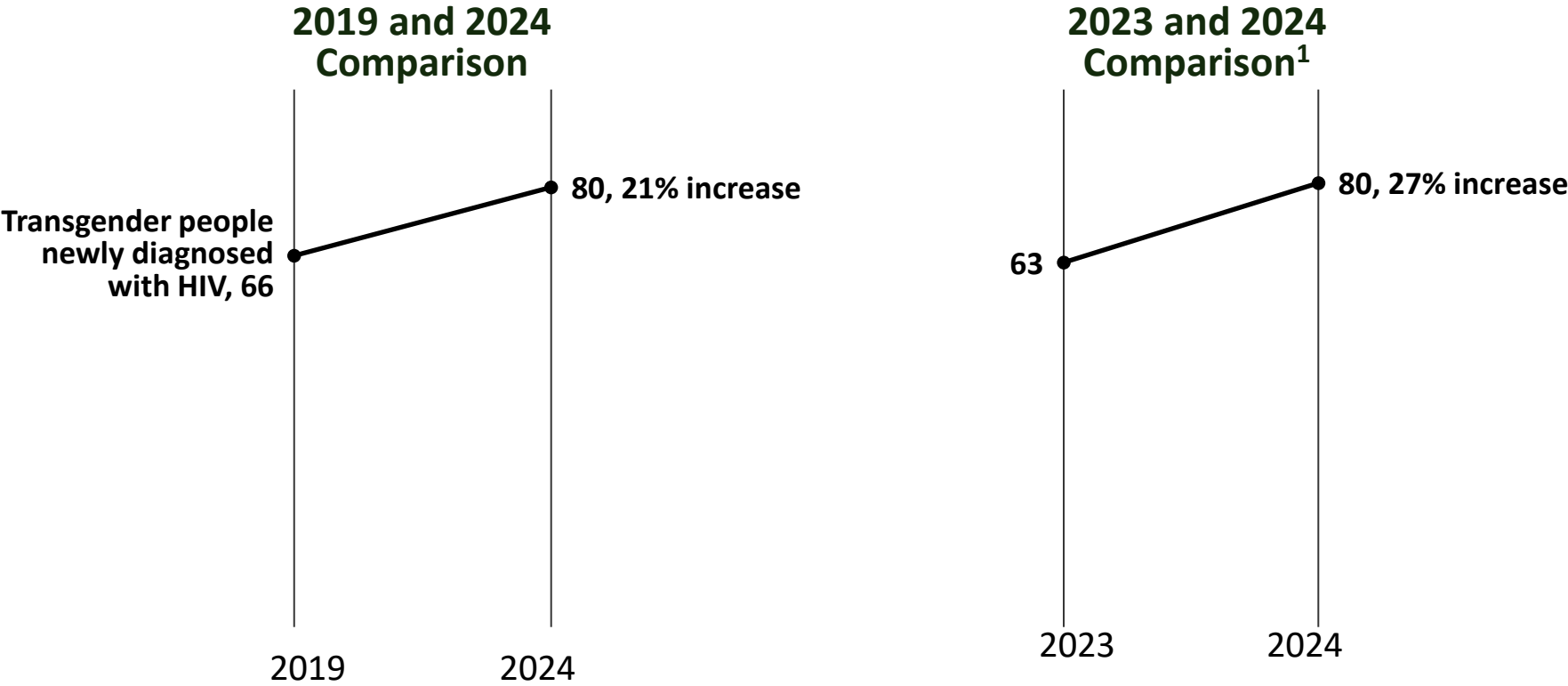
# Number of New HIV Diagnoses Among Transgender People – New York City, 2019-2024



**The number of transgender people newly diagnosed with HIV increased from 2019 to 2024.  
In 2024, transgender people represented 4% of new diagnoses overall in New York City.**



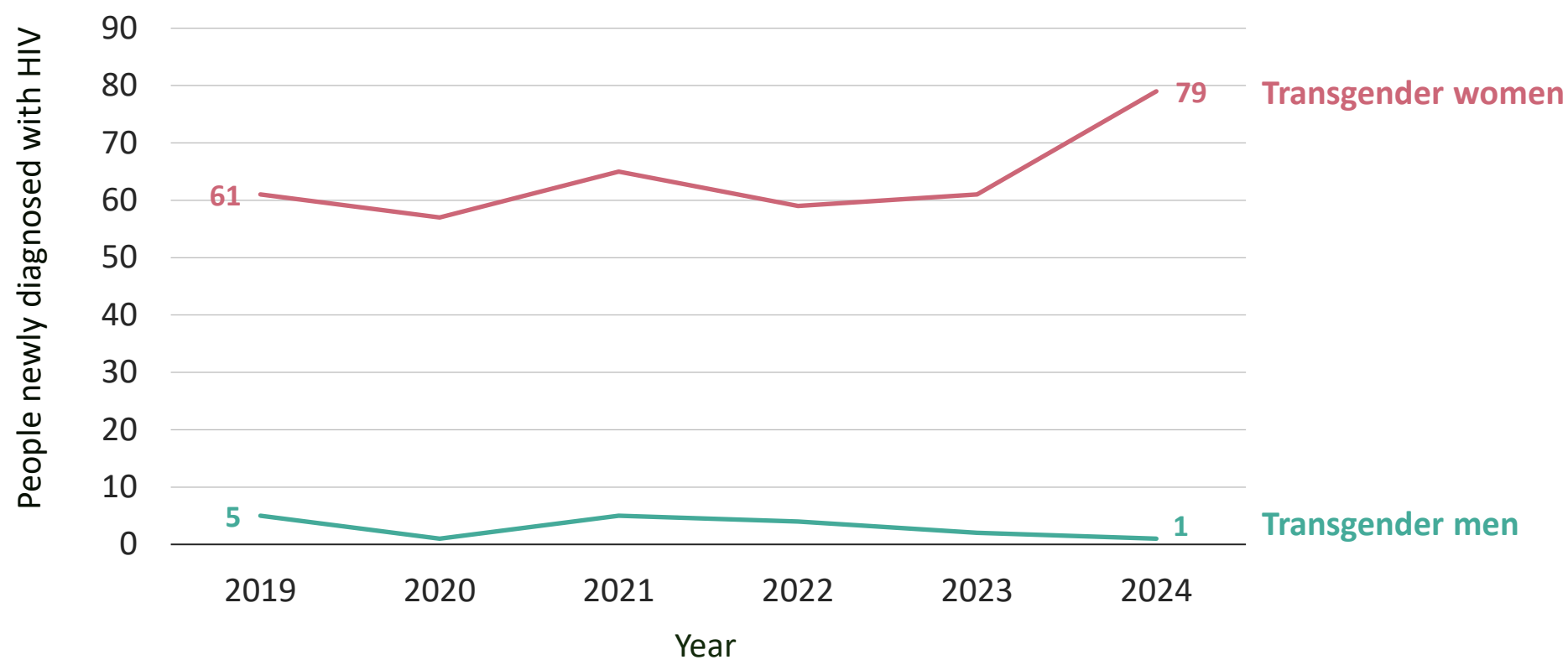
# Number of New HIV Diagnoses and Percent Change Among Transgender People – New York City in 2019, 2023, and 2024



The number of transgender people newly diagnosed with HIV increased from 2019 to 2024 (21%) and from 2023 to 2024 (27%).

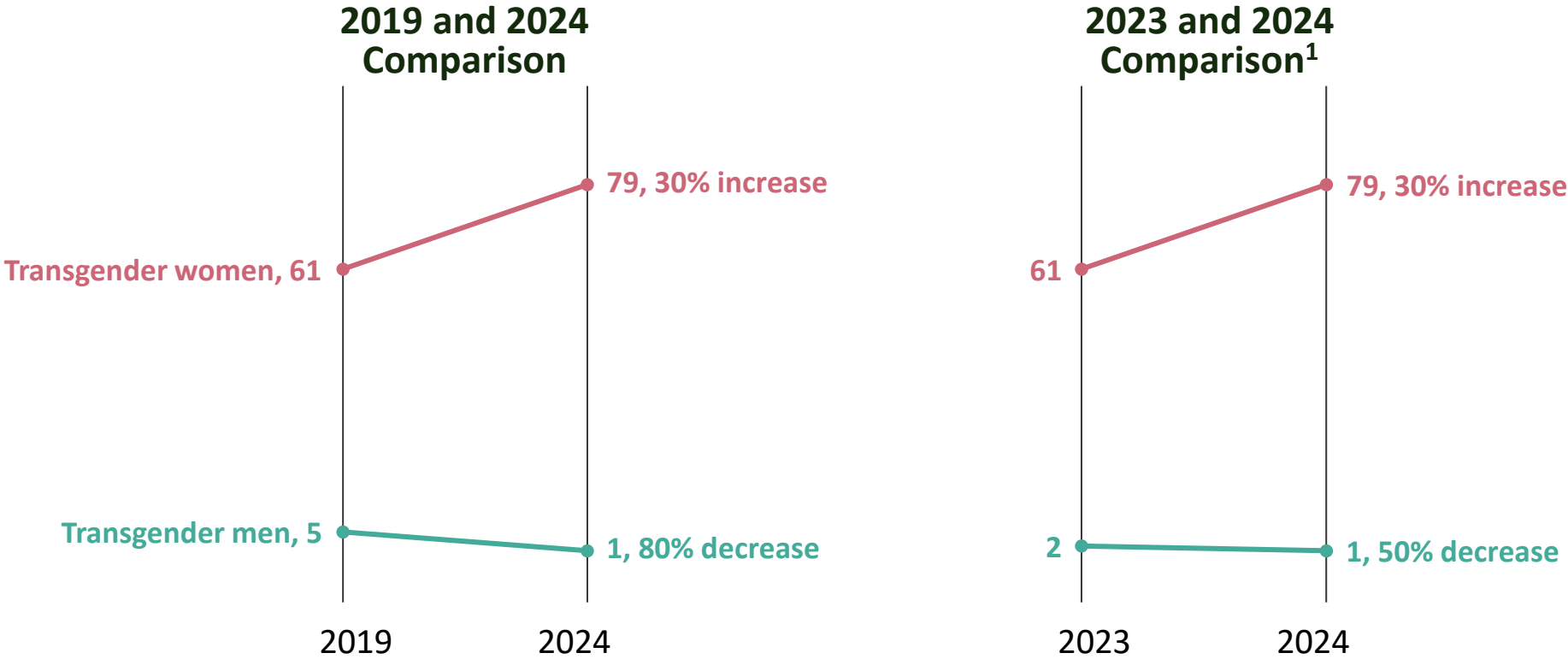
<sup>1</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

# Number of New HIV Diagnoses Among Transgender People by Gender – New York City, 2019-2024



Transgender women consistently experienced a higher number of new HIV diagnoses, representing 99% of new diagnoses among transgender people in 2024. Transgender women represented 4% of people newly diagnosed with HIV overall in New York City in 2024. From 2019 to 2024, the number of transgender women newly diagnosed with HIV increased and the number of transgender men newly diagnosed with HIV decreased.

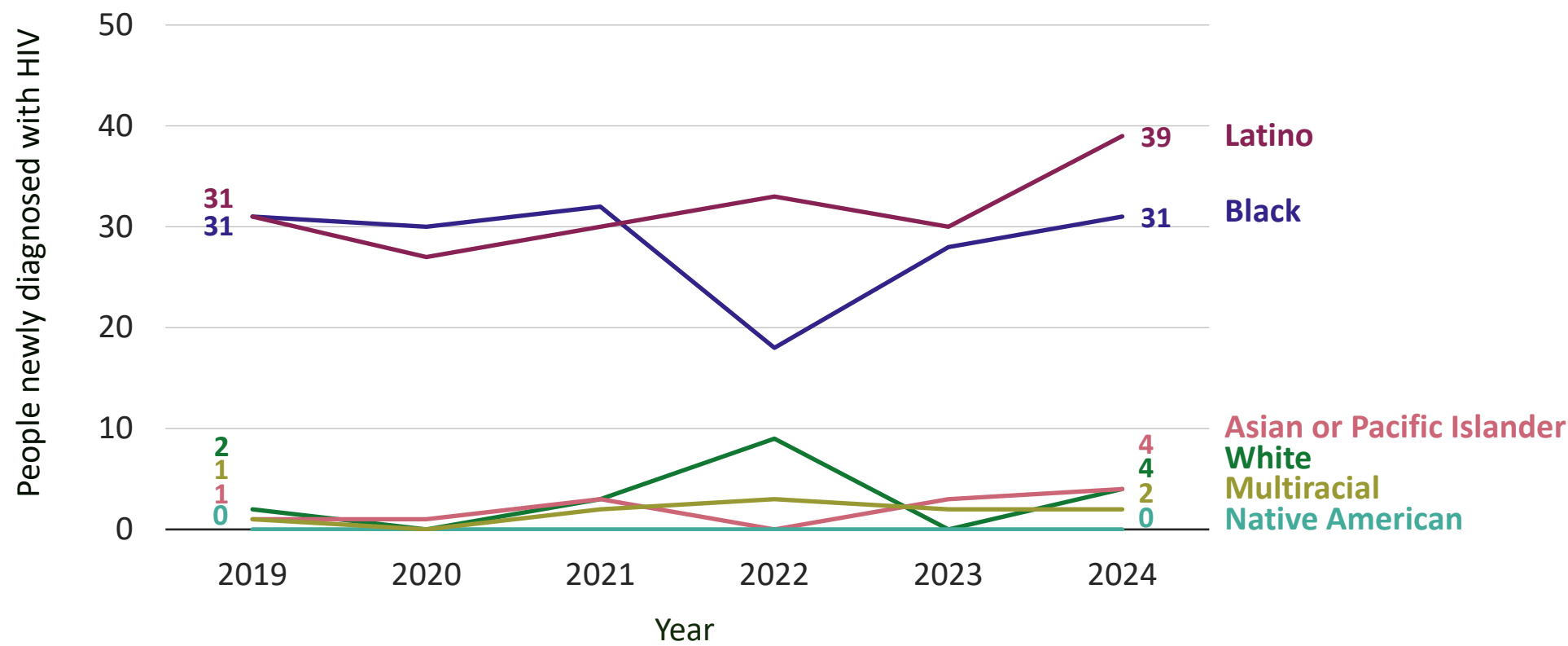
# Number of New HIV Diagnoses and Percent Change Among Transgender People by Gender – New York City in 2019, 2023, and 2024



From 2019 to 2024, the number of new HIV diagnoses increased among transgender women (30%) and decreased among transgender men (80%); similar changes occurred among these gender groups from 2023 to 2024.

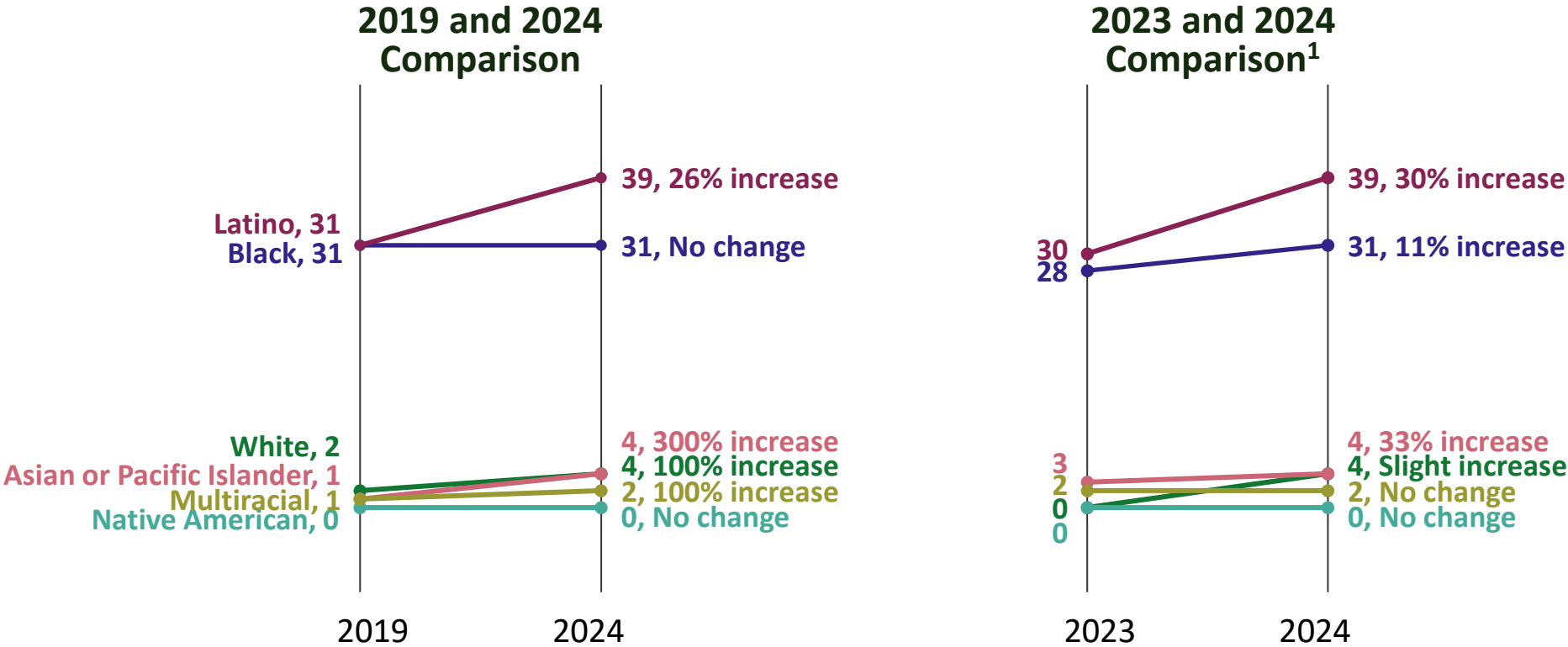
<sup>1</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

# Number of New HIV Diagnoses Among Transgender People by Race and Ethnicity – New York City, 2019-2024



Black and Latino transgender people consistently experienced the highest number of new HIV diagnoses, representing a combined 88% of new diagnoses among transgender people in 2024. This is higher than the citywide proportion of diagnoses among Black and Latino people of 85% in 2024. From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among Latino people. The number of new HIV diagnoses in all other race and ethnicity groups either decreased or remained relatively stable.

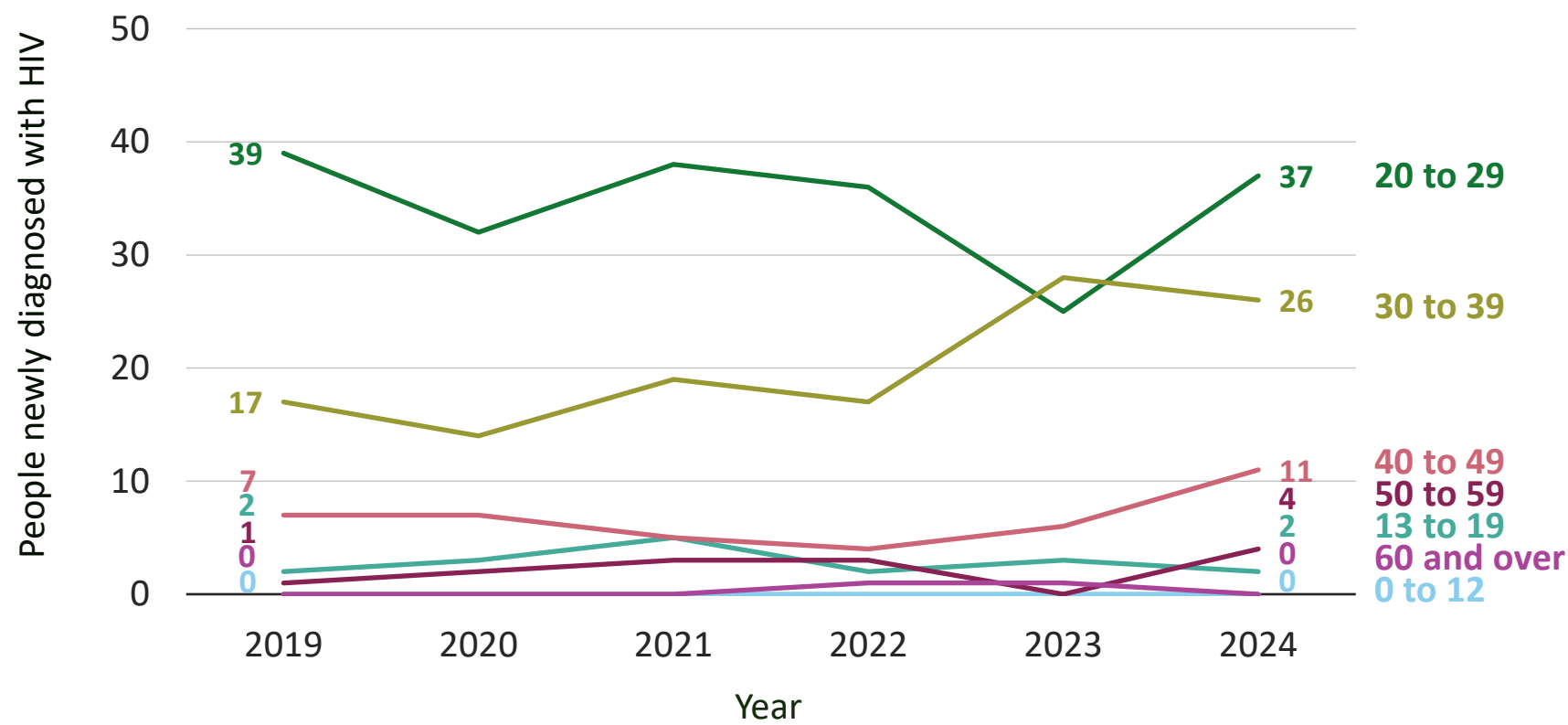
# Number of New HIV Diagnoses and Percent Change Among Transgender People by Race and Ethnicity – New York City in 2019, 2023, and 2024



From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among Latino people (26%) and either remained relatively stable or remained relatively low among all other race and ethnicity groups. From 2023 to 2024, the number of new HIV diagnoses increased among Latino people (30%) and Black people (11%).

<sup>1</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

# Number of New HIV Diagnoses Among Transgender People by Age Group – New York City, 2019-2024

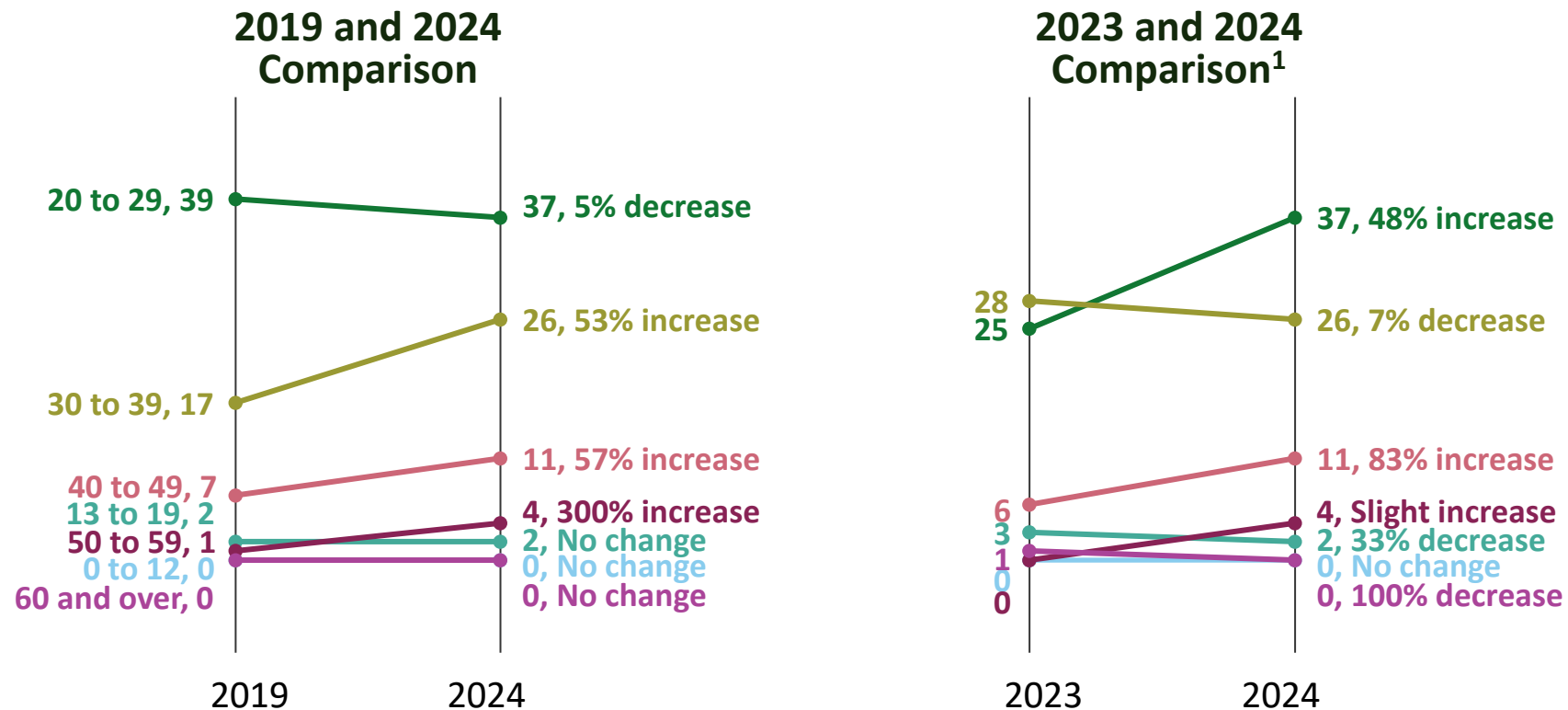


People ages 20 to 39 consistently experienced the highest number of new HIV diagnoses, representing a combined 79% of new diagnoses among transgender people in 2024. This is higher than the citywide proportion of diagnoses among people ages 20 to 39 of 66% in 2024. From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people ages 30 to 39 and 40 to 49. The number of new HIV diagnoses in all other age groups decreased or remained relatively stable.



As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Number of New HIV Diagnoses and Percent Change Among Transgender People by Age Group – New York City in 2019, 2023, and 2024



From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people ages 30 to 39 (53%) and 40 to 49 (57%). People ages 20 to 29 experienced a relatively large increase from 2023 to 2024 (48%).

<sup>1</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

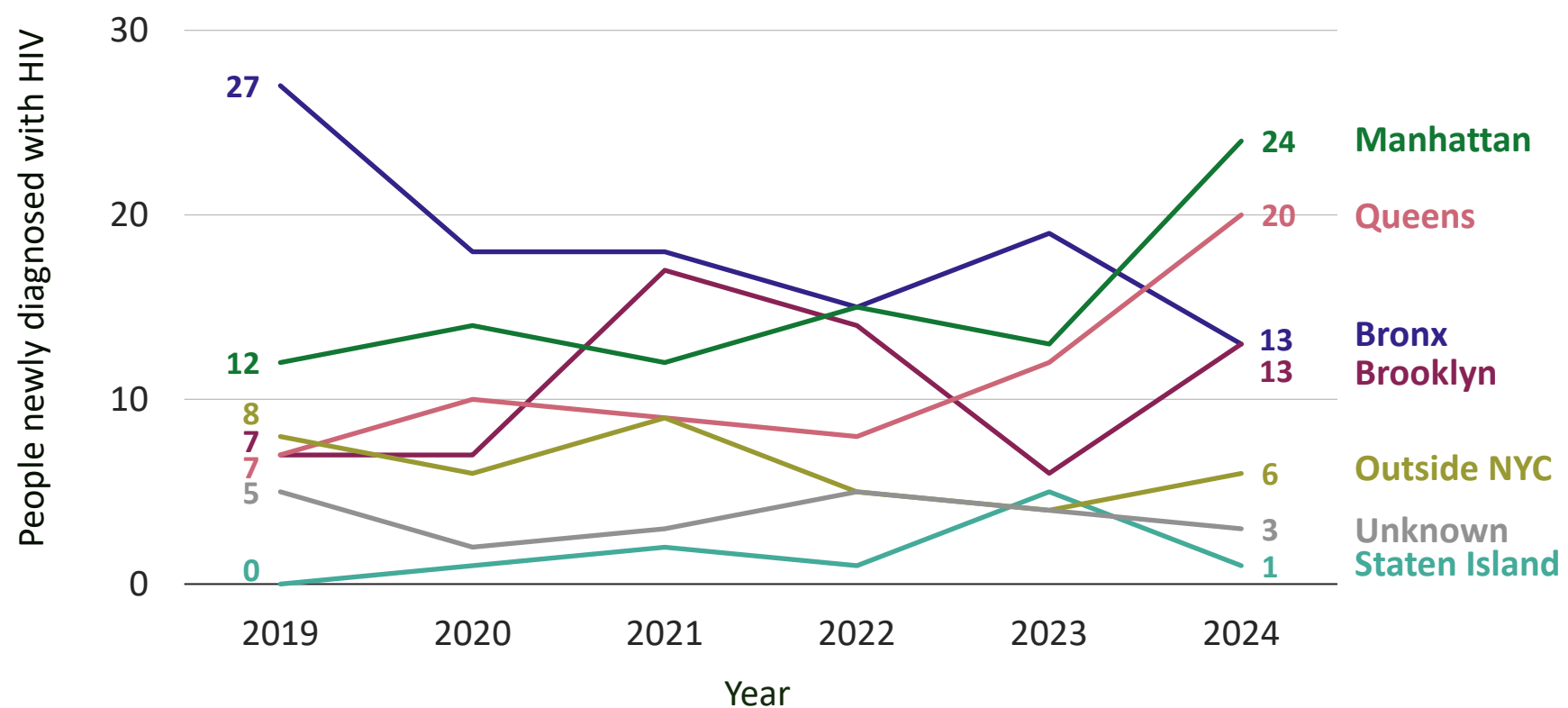
# Number of New HIV Diagnoses Among Transgender People by Race and Ethnicity and Age Group – New York City, 2024



Black and Latino people ages 20 to 39 years experienced the highest number of new HIV diagnoses, accounting for a combined 71% of new diagnoses among transgender people in 2024.

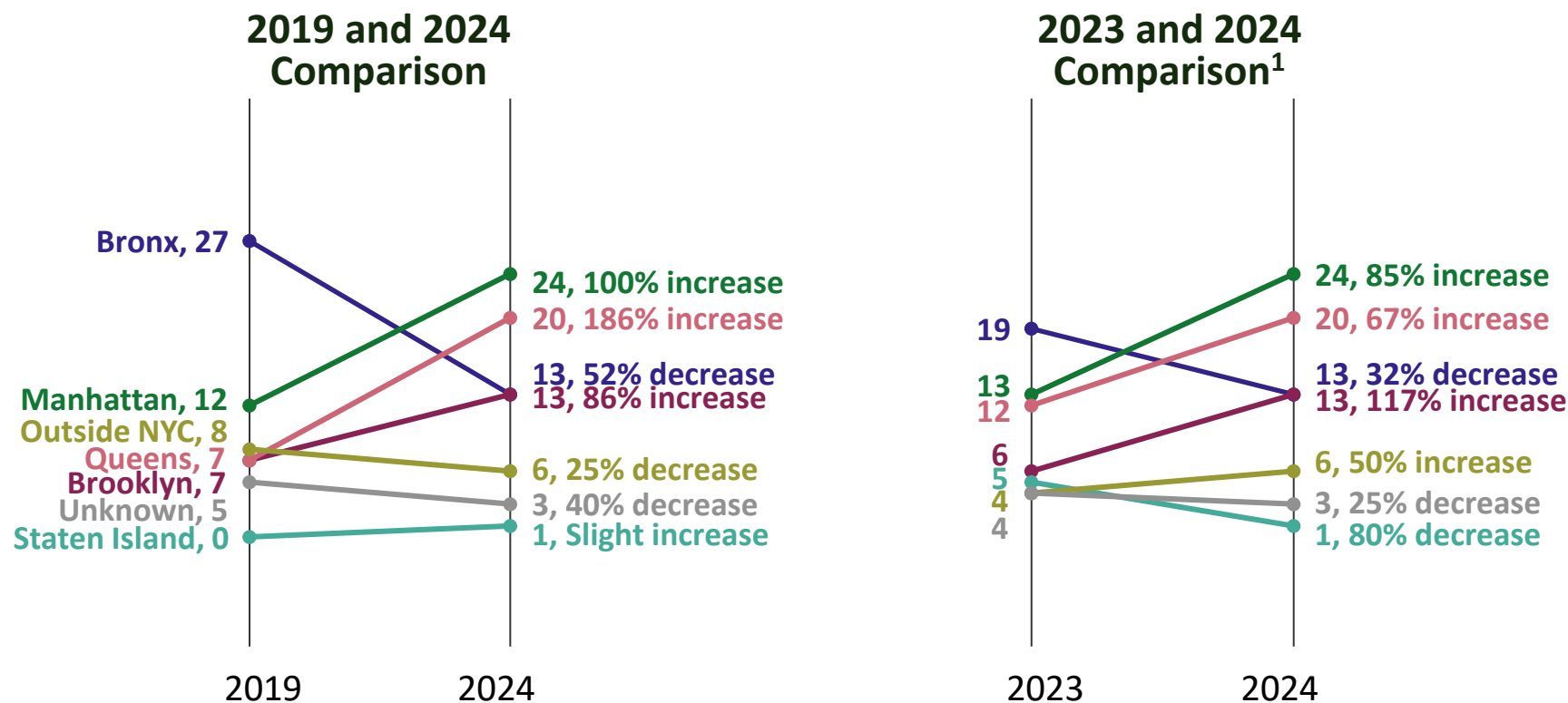


# Number of New HIV Diagnoses Among Transgender People by Borough of Residence – New York City, 2019-2024



Transgender people residing in Manhattan experienced the highest number of new HIV diagnoses, representing a combined 30% of new diagnoses among transgender people in 2024. This is higher than the citywide proportion of diagnoses residing in Manhattan of 18% in 2024. From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people residing in Manhattan and Queens. The number of new HIV diagnoses in all other borough of residence groups either decreased or remained relatively stable.

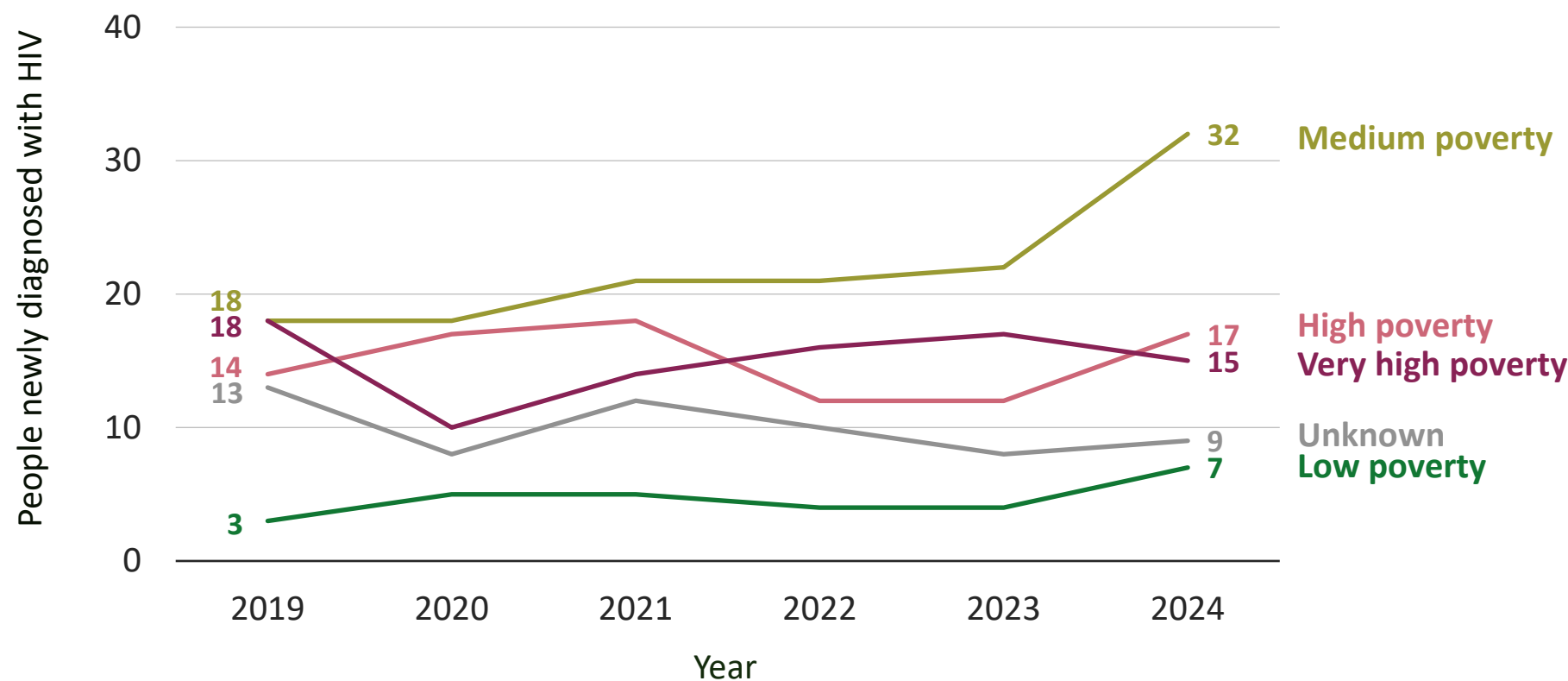
# Number of New HIV Diagnoses and Percent Change Among Transgender People by Borough of Residence – New York City in 2019, 2023, and 2024



From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people residing in Manhattan (100%) and Queens (186%). From 2023 to 2024, increases occurred among transgender people residing in Manhattan (85%), Queens (67%), and Brooklyn (117%).

<sup>1</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

# Number of New HIV Diagnoses Among Transgender People by Neighborhood Poverty Level<sup>1</sup> – New York City, 2019-2024

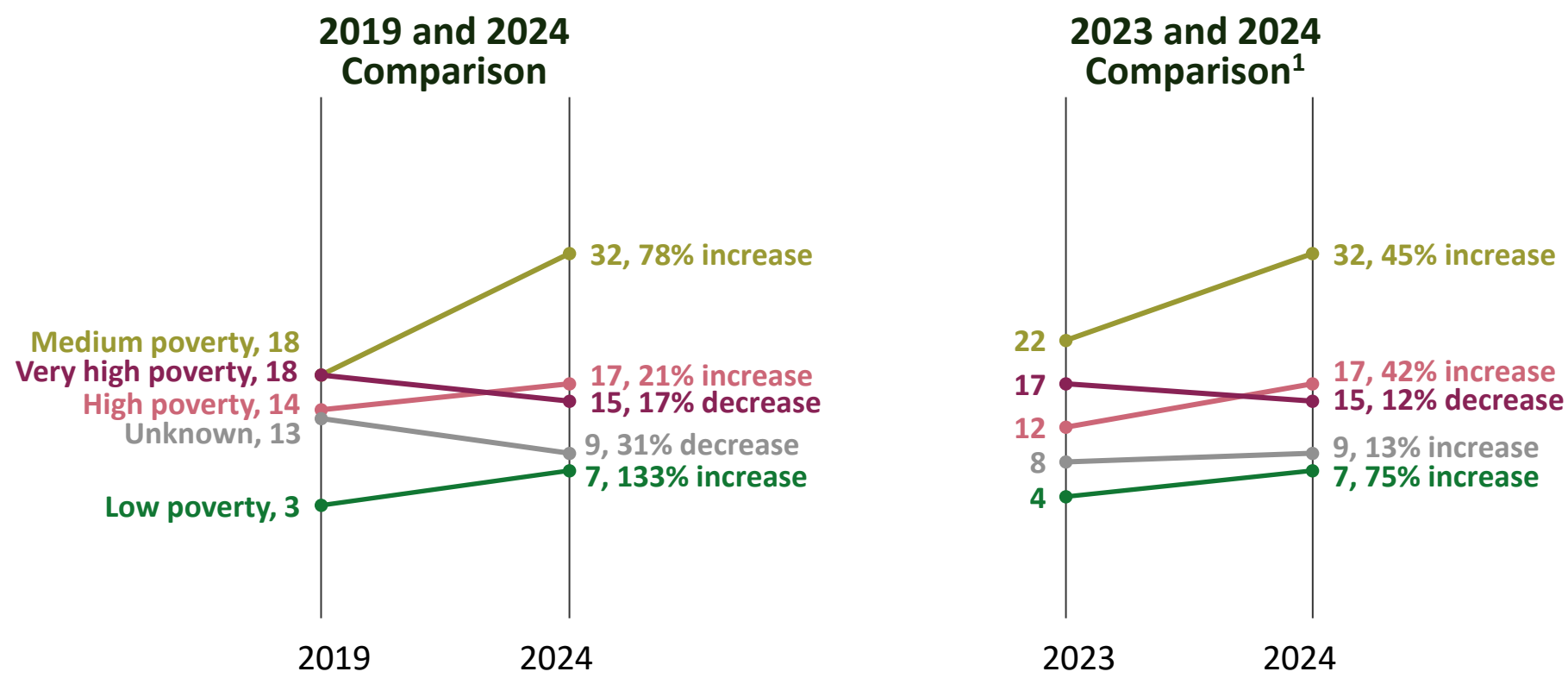


People residing in medium-poverty neighborhoods consistently experienced the highest number of new HIV diagnoses, representing a 40% of new diagnoses among transgender people in 2024. This is similar to the citywide proportion of diagnoses among people residing in medium-poverty neighborhoods of 41% in 2024. From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people residing in medium-poverty neighborhoods. The number of new HIV diagnoses in all other neighborhood poverty level groups either decreased or remained relatively stable.



<sup>1</sup>Neighborhood poverty level is determined by the proportion of residents living below the federal poverty level (FPL) in the NYC ZIP code of residence at diagnosis. Low poverty=<10% below FPL; Medium poverty=10 to <20% below FPL; High poverty=20 to <30% below FPL; Very high poverty>=30% below FPL. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

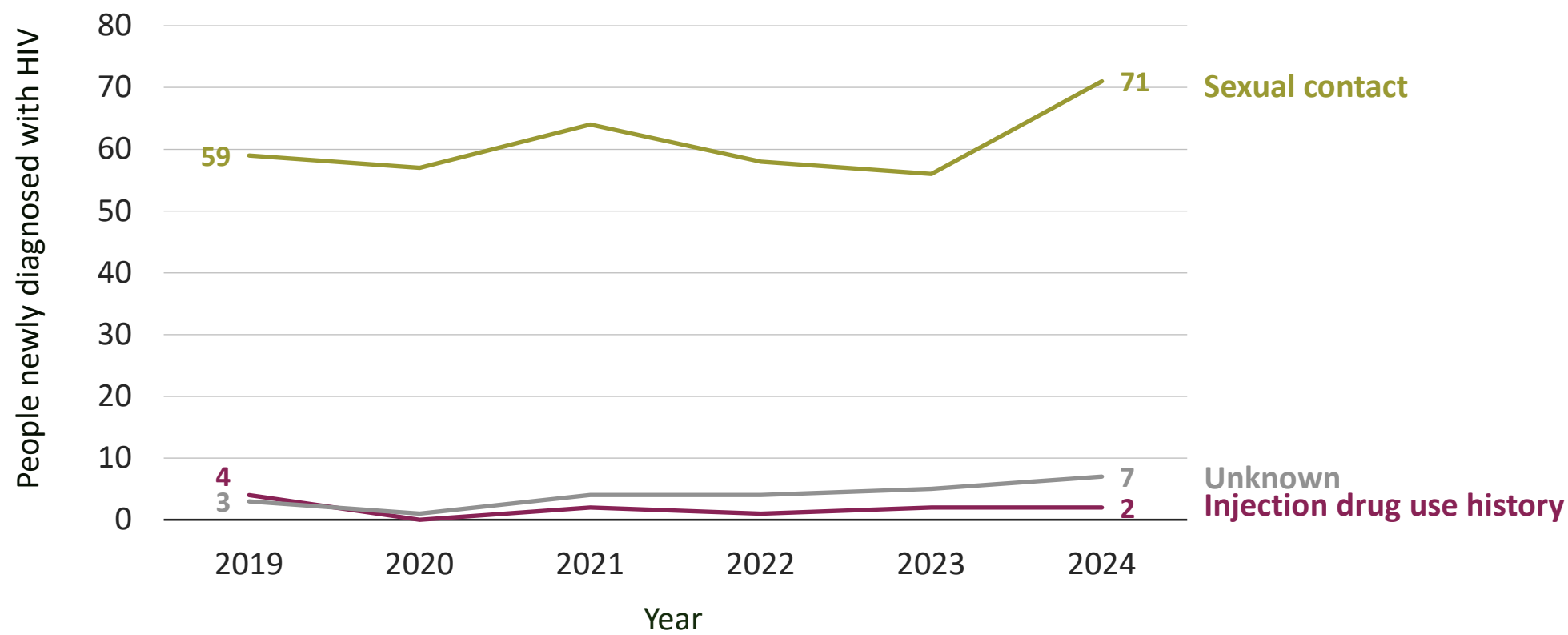
# Number of New HIV Diagnoses and Percent Change Among Transgender People by Neighborhood Poverty Level – New York City in 2019, 2023, and 2024



From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people residing in medium-poverty neighborhoods (78%). The number of new HIV diagnoses in all other neighborhood poverty level groups either decreased or remained relatively low. From 2023 to 2024, transgender people residing in high-poverty neighborhoods experienced an increase between 2023 and 2024.

<sup>1</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

# Number of New HIV Diagnoses Among Transgender People by Transmission Category<sup>1</sup> – New York City, 2019-2024

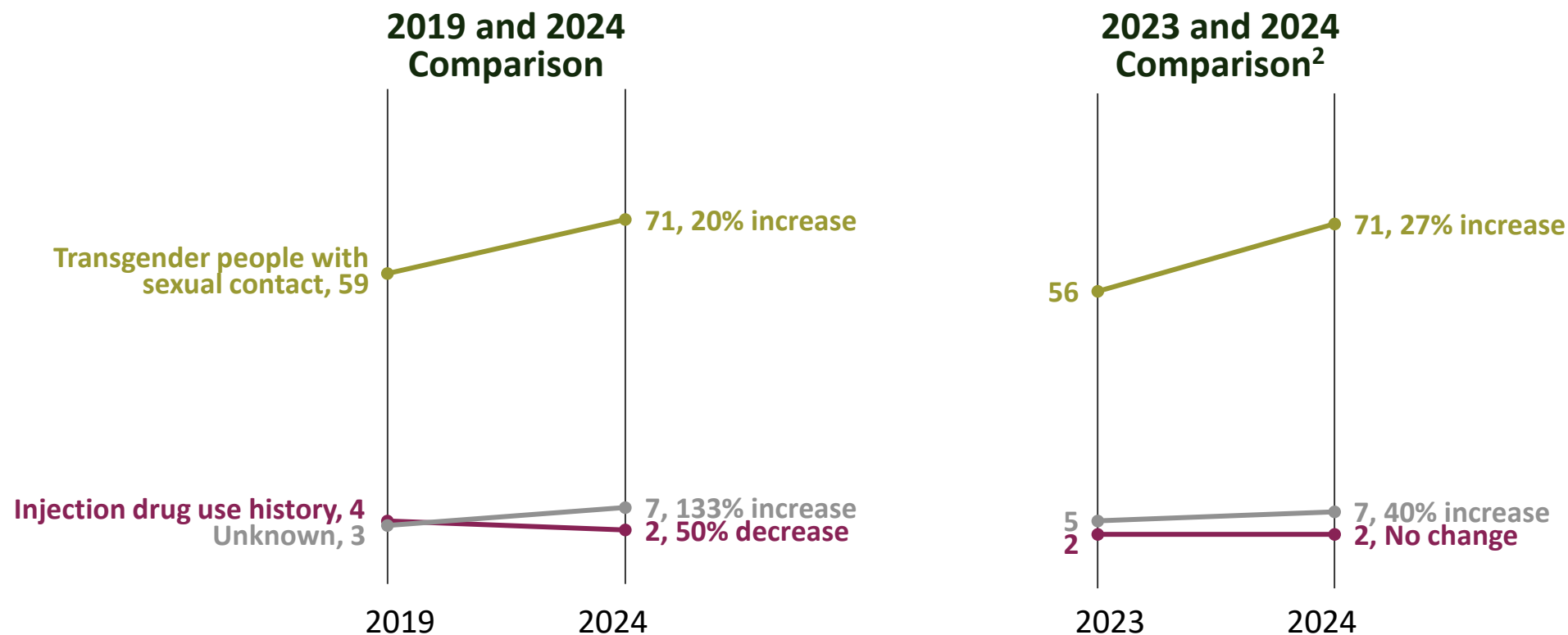


Transgender people with sexual contact consistently experienced the highest number of new HIV diagnoses, representing 97% of new diagnoses among transgender people for whom data on transmission category were available in 2024. From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people with sexual contact as their transmission category. The number of new HIV diagnoses in all transmission category groups either decreased or remained relatively stable.



<sup>1</sup>Transgender people with sexual contact includes people identified as transgender at any time who have reported sexual contact and no injection drug use history. Transgender people with injection drug use history are categorized under injection drug use history. For further information on transmission category, see technical notes. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Number of New HIV Diagnoses and Percent Change Among Transgender People by Transmission Category<sup>1</sup> – New York City in 2019, 2023, and 2024



The number of transgender people newly diagnosed with HIV increased among people with sexual contact as their transmission category from 2019 to 2024 (20%) and from 2023 to 2024 (27%). The number of new HIV diagnoses in all other transmission category groups either decreased or remained relatively low.

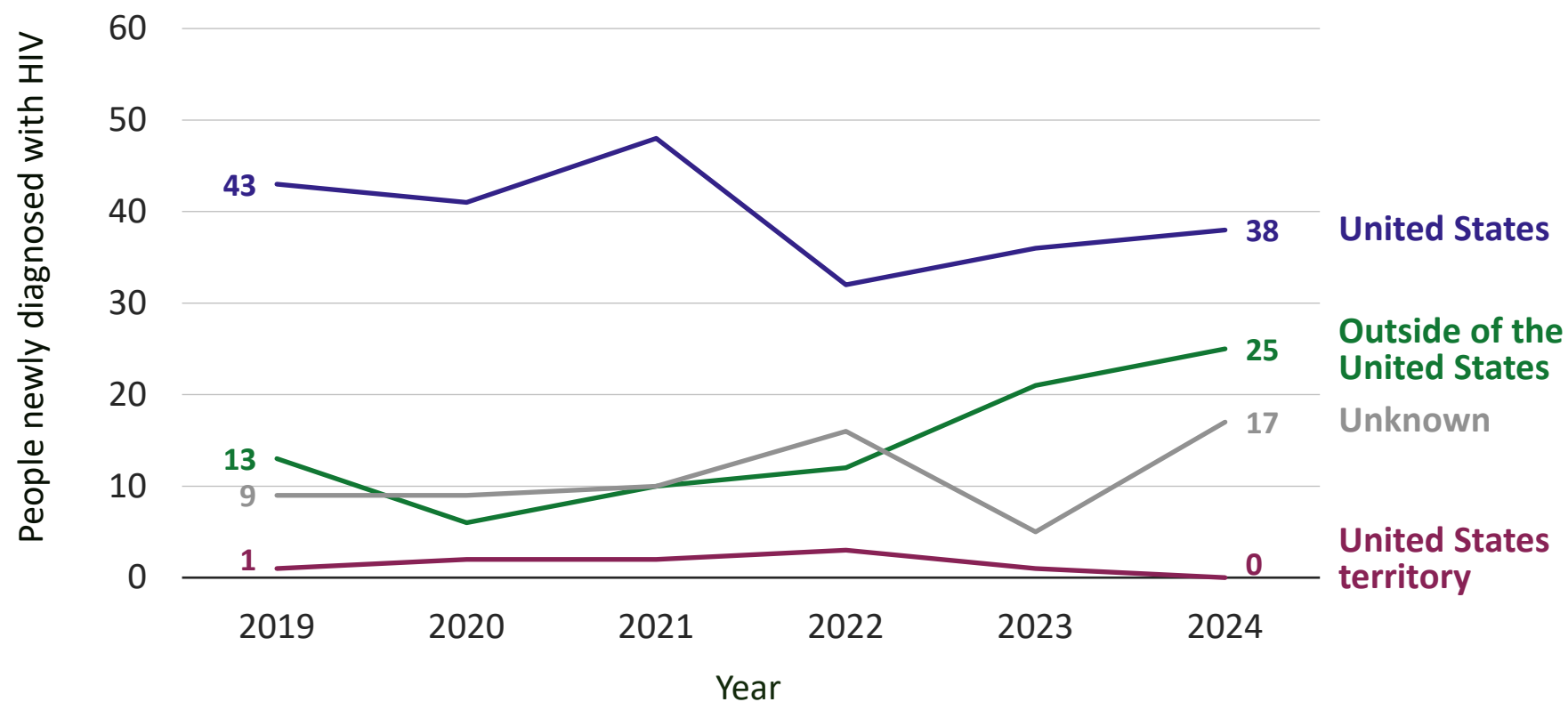


<sup>1</sup>Transgender people with sexual contact includes people identified as transgender at any time who have reported sexual contact and no injection drug use history. Transgender people with injection drug use history are categorized under injection drug use history. For further information on transmission category, see technical notes.

<sup>2</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution.

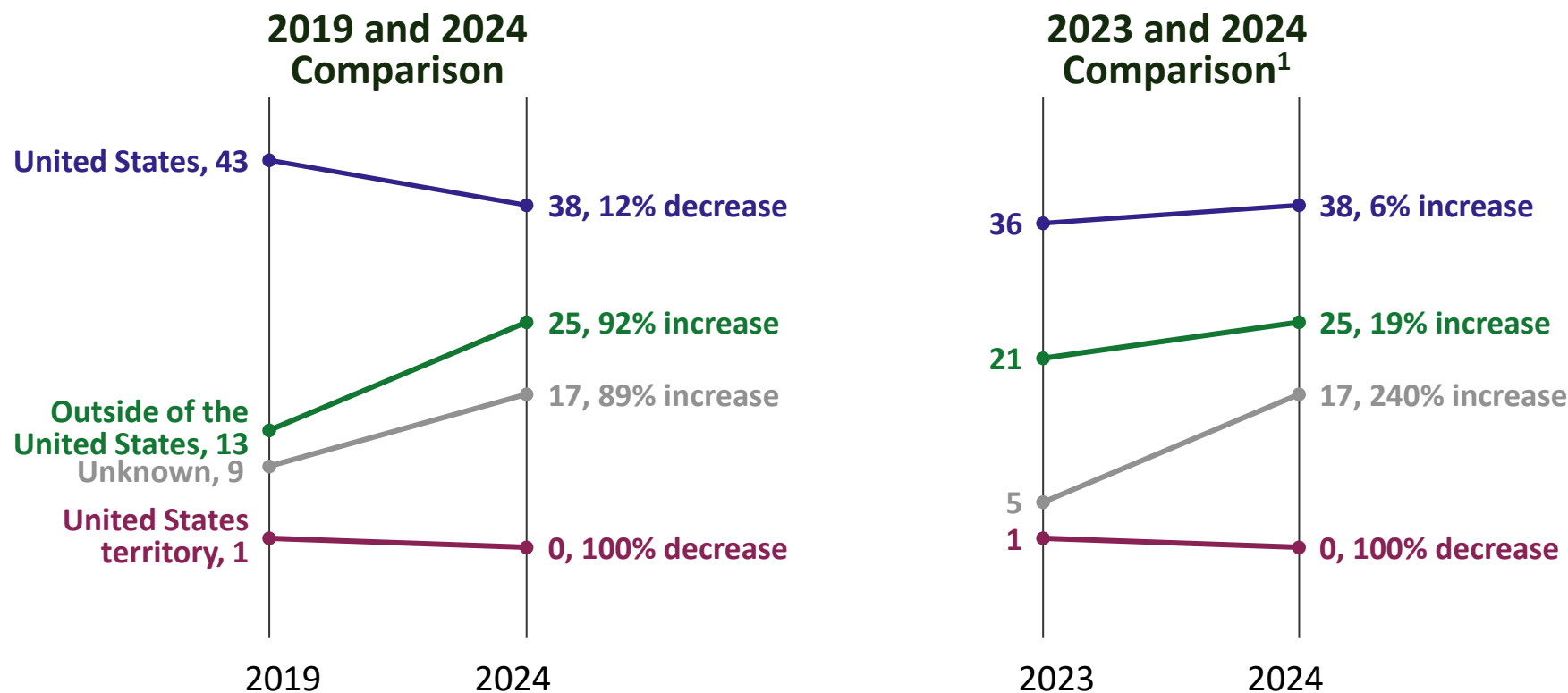
As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

# Number of New HIV Diagnoses Among Transgender People by Place of Birth – New York City, 2019-2024



People born in the United States consistently experienced the highest number of new HIV diagnoses, representing 48% of new diagnoses among transgender people in 2024. This is higher than the citywide proportion of diagnoses among people born in the United States of 38% in 2024. From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people born outside of the United States and among people with an unknown place of birth. The number of new HIV diagnoses in all other places of birth groups decreased or remained relatively.

# Number of New HIV Diagnoses and Percent Change Among Transgender People by Place of Birth – New York City in 2019, 2023, and 2024



From 2019 to 2024, the number of transgender people newly diagnosed with HIV increased among people born outside of the United States (92%) and among people with an unknown place of birth (89%). Due to the relatively large number of people with an unknown place of birth, percent change calculations for all other groups should be interpreted with caution.

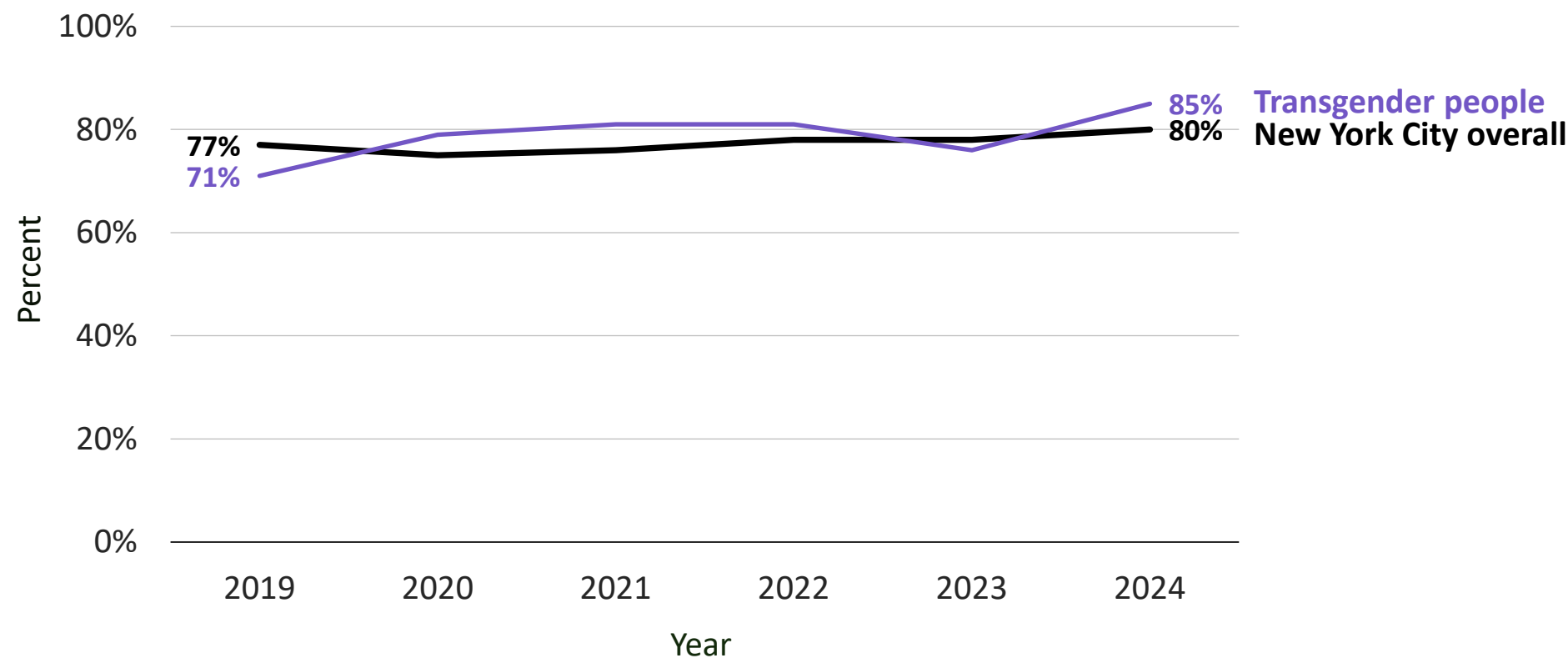
<sup>1</sup>One-year increases or decreases are not indicative of a trend and should be interpreted with caution. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.



# Care Outcomes Among Transgender People Newly Diagnosed With HIV

New York City

# Initiation of Care<sup>1</sup> Within 30 Days of Diagnosis Among Transgender People and Overall – New York City, 2019-2024

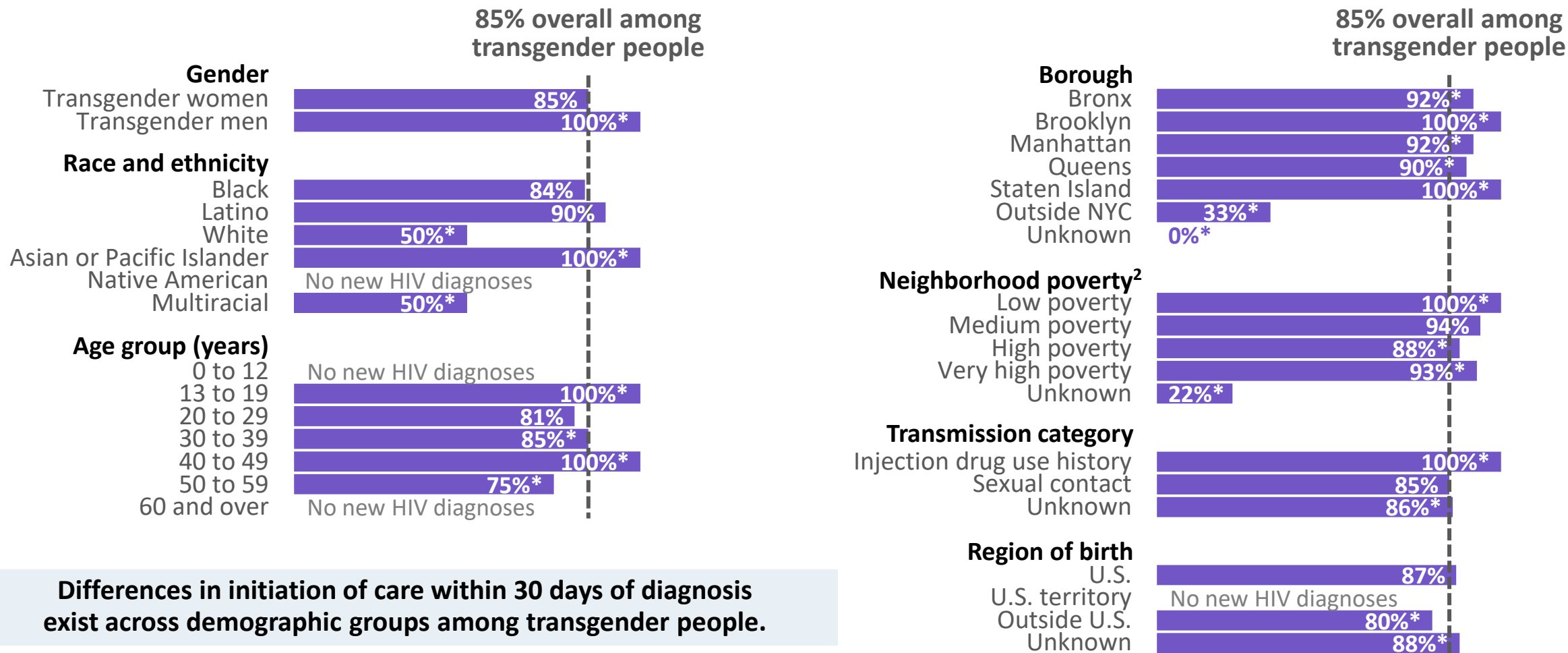


From 2019 to 2024, initiation of care within 30 days of diagnosis among transgender people fluctuated and increased by 14 percentage points. New York City overall experienced a more stable proportion of people with initiation of care within 30 days of diagnosis.



<sup>1</sup>Initiation of care is defined as receiving a CD4, viral load, or genotype test after an HIV diagnosis. People diagnosed at death have been excluded. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Initiation of Care<sup>1</sup> Within 30 Days of Diagnosis Among Transgender People by Demographic Group – New York City, 2024



\*Data should be interpreted with caution because of small population size.  
MSM-IDU=Men who have sex with men and inject drugs; TG-SC=Transgender people with sexual contact.  
<sup>1</sup>Initiation of care is defined as receiving a CD4, viral load, or genotype test after an HIV diagnosis. People diagnosed at death have been excluded.  
<sup>2</sup>Neighborhood poverty level is determined by the proportion of residents living below the federal poverty level (FPL) in the NYC ZIP code of residence at diagnosis.  
Low poverty=<10% below FPL; Medium poverty=10 to <20% below FPL; High poverty=20 to <30% below FPL; Very high poverty>=30% below FPL.  
As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Initiation of Care<sup>1</sup> Within 30 Days of Diagnosis Among Transgender People by United Hospital Fund Neighborhood – New York City, 2024

Initiation of care within 30 days of diagnosis among people newly diagnosed with HIV by UHF neighborhood



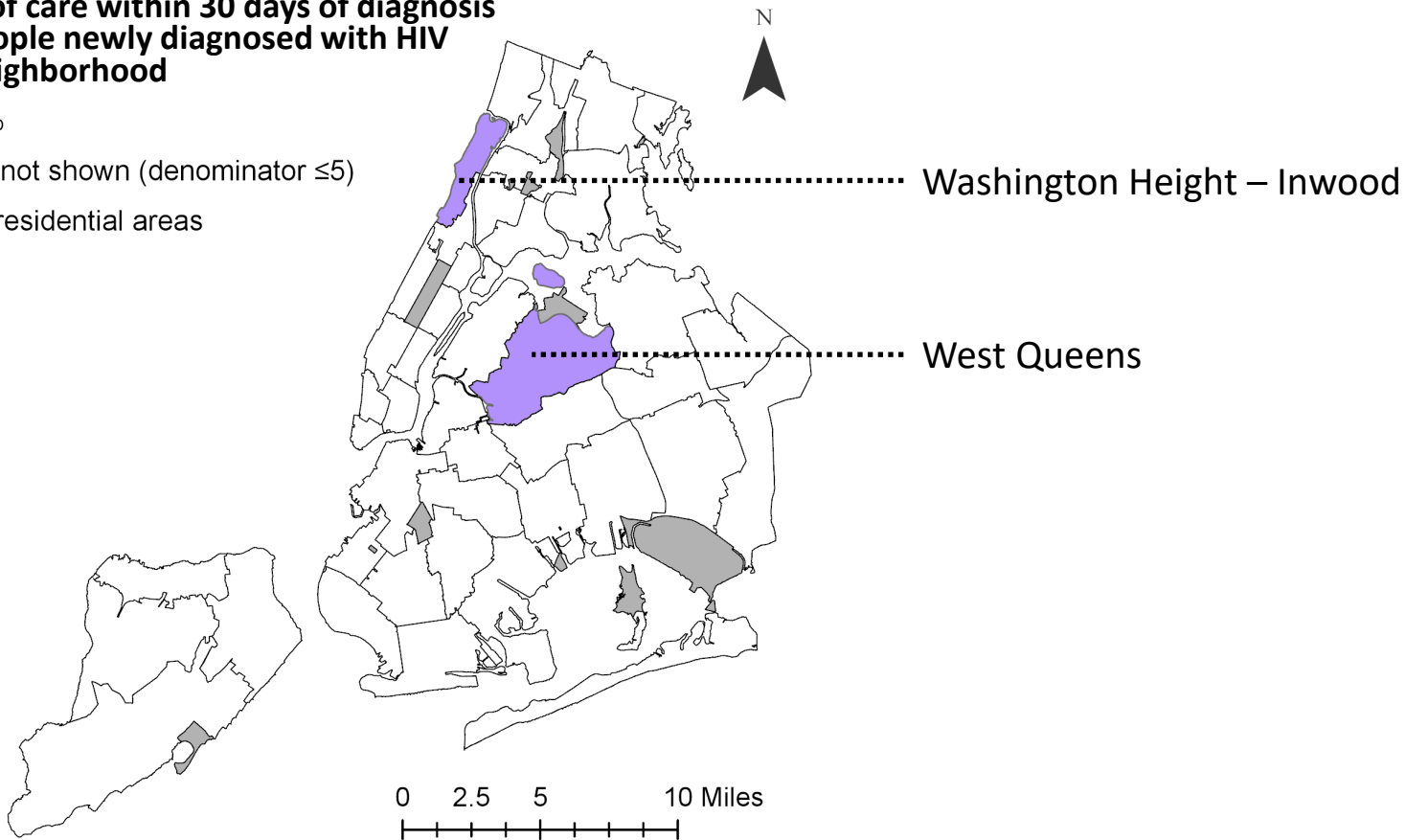
100%



Data not shown (denominator  $\leq 5$ )

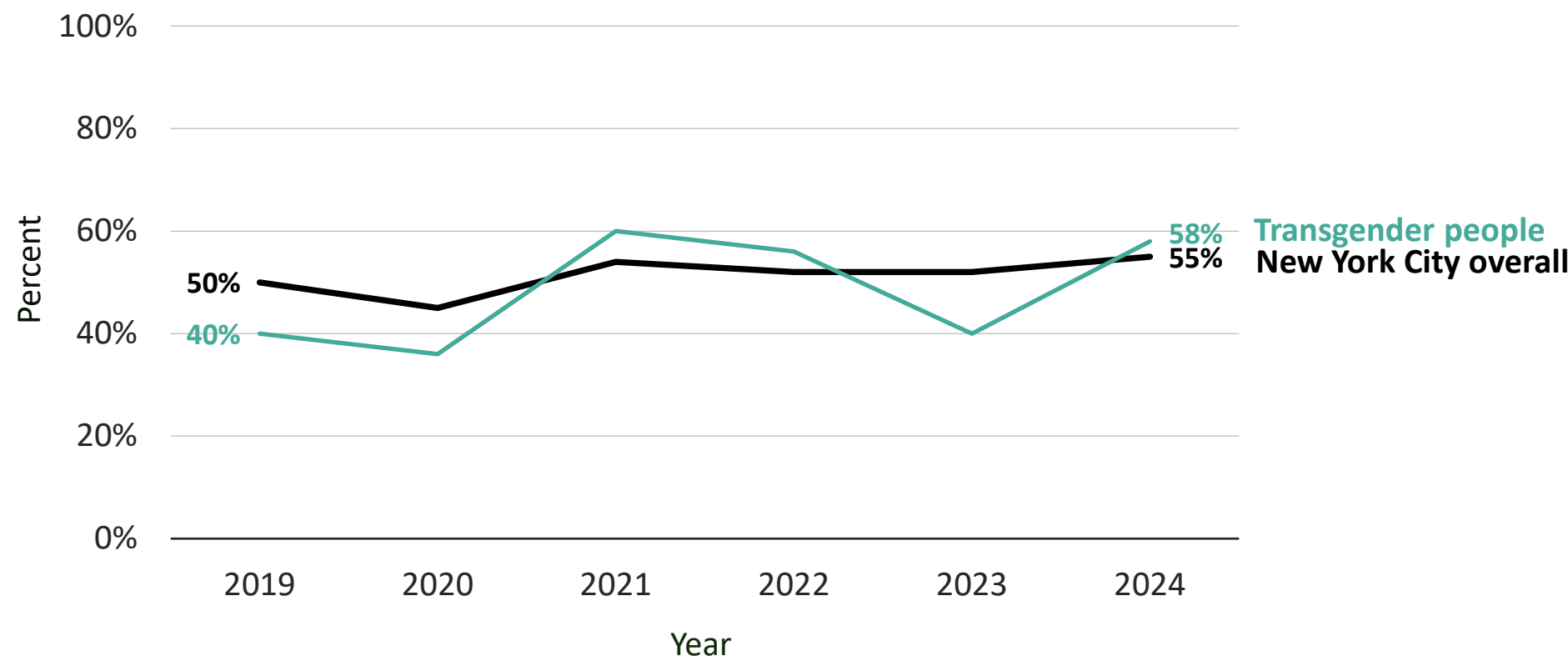


Non-residential areas



**In 2024, the only United Hospital Fund neighborhoods that had more than five new HIV diagnoses among transgender people were Washington Heights – Inwood (100%) and West Queens (100%).**

# Viral Suppression<sup>1</sup> Within Three Months of Diagnosis Among Transgender People and Overall – New York City, 2019-2024

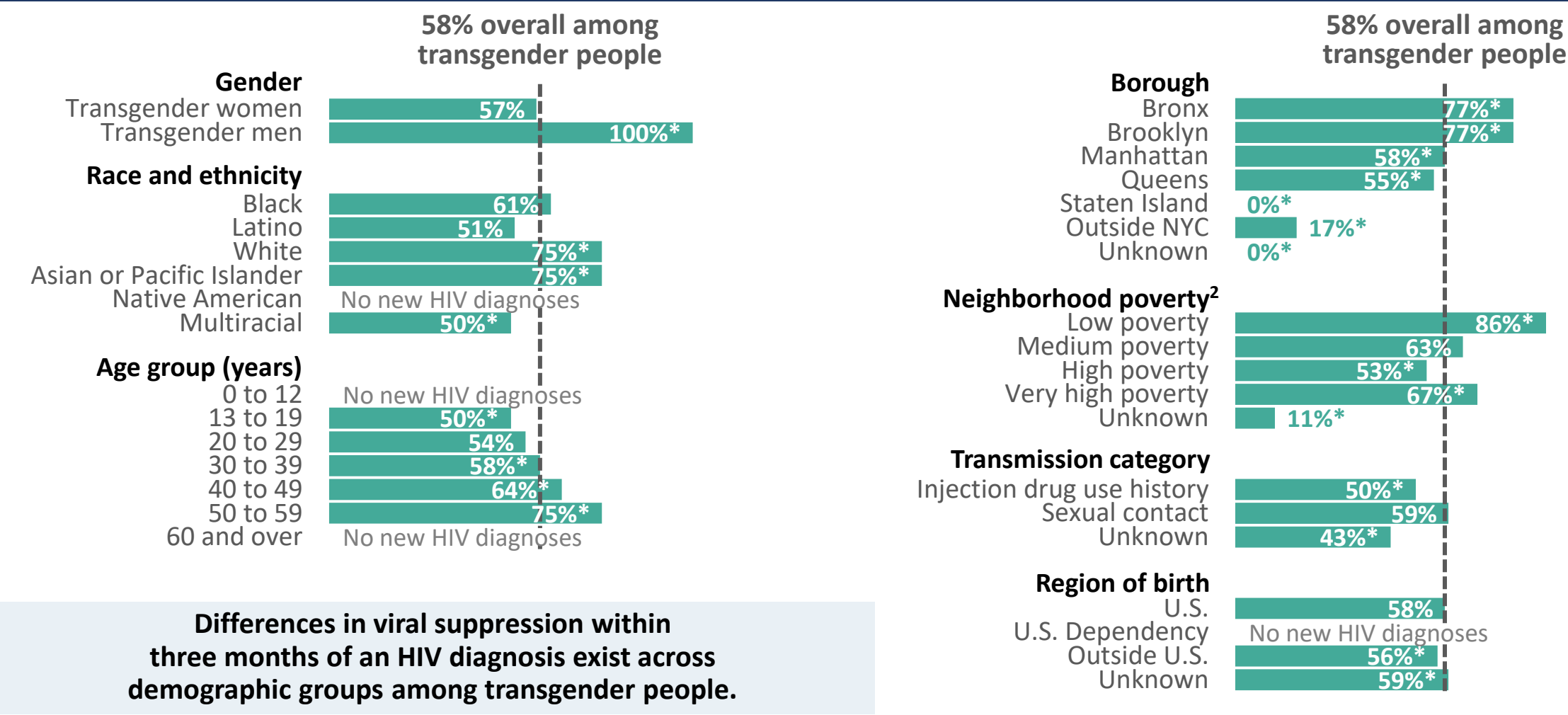


From 2019 to 2024, viral suppression within three months of an HIV diagnosis among transgender people fluctuated. New York City overall experienced a more stable proportion of viral suppression within three months of diagnosis.



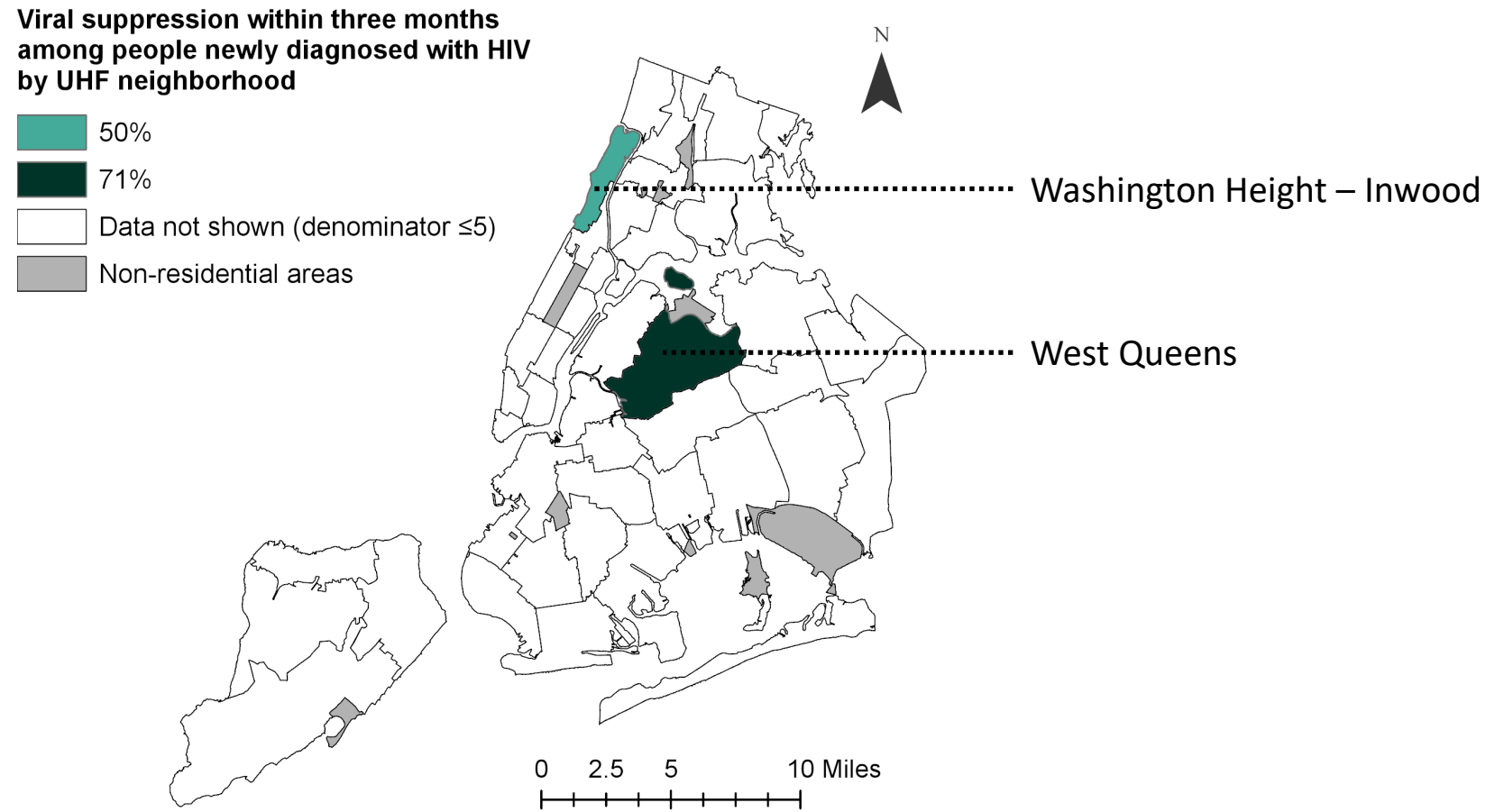
<sup>1</sup>Viral suppression is defined as an HIV viral load in the calendar year <200 copies/mL within three months of diagnosis. People diagnosed at death have been excluded. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Viral Suppression<sup>1</sup> Within Three Months of Diagnosis Among Transgender People by Demographic Group – New York City, 2024



\*Data should be interpreted with caution because of small population size.  
MSM-IDU=Men who have sex with men and inject drugs; TG-SC=Transgender people with sexual contact.  
<sup>1</sup>Viral suppression is defined as an HIV viral load in the calendar year <200 copies/mL within three months of diagnosis. People diagnosed at death have been excluded.  
<sup>2</sup>Neighborhood poverty level is determined by the proportion of residents living below the federal poverty level (FPL) in the NYC ZIP code of residence at diagnosis.  
Low poverty=<10% below FPL; Medium poverty=10 to <20% below FPL; High poverty=20 to <30% below FPL; Very high poverty>=30% below FPL.  
As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Viral Suppression<sup>1</sup> Within Three Months of Diagnosis Among Transgender People by United Hospital Fund Neighborhood – New York City, 2024



**In 2024, the only United Hospital Fund neighborhoods that had more than five new HIV diagnoses among transgender people were Washington Heights – Inwood (50%) and West Queens (71%).**

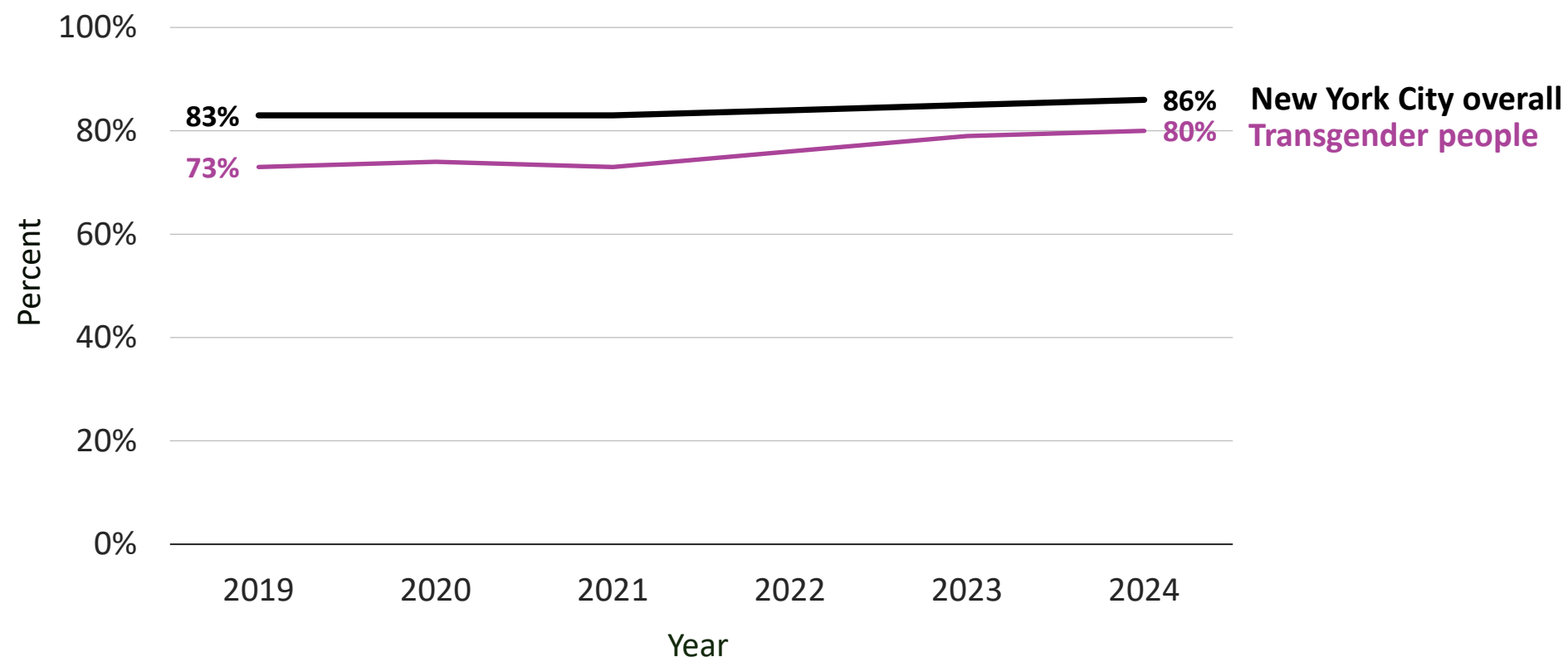
<sup>1</sup>Viral suppression is defined as an HIV viral load in the calendar year <200 copies/mL within three months of diagnosis. People diagnosed at death have been excluded. As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Care Outcomes Among Transgender People With HIV

New York City



# Viral Suppression<sup>1</sup> Among Transgender People Diagnosed With HIV<sup>2</sup> and Overall – New York City, 2019-2024

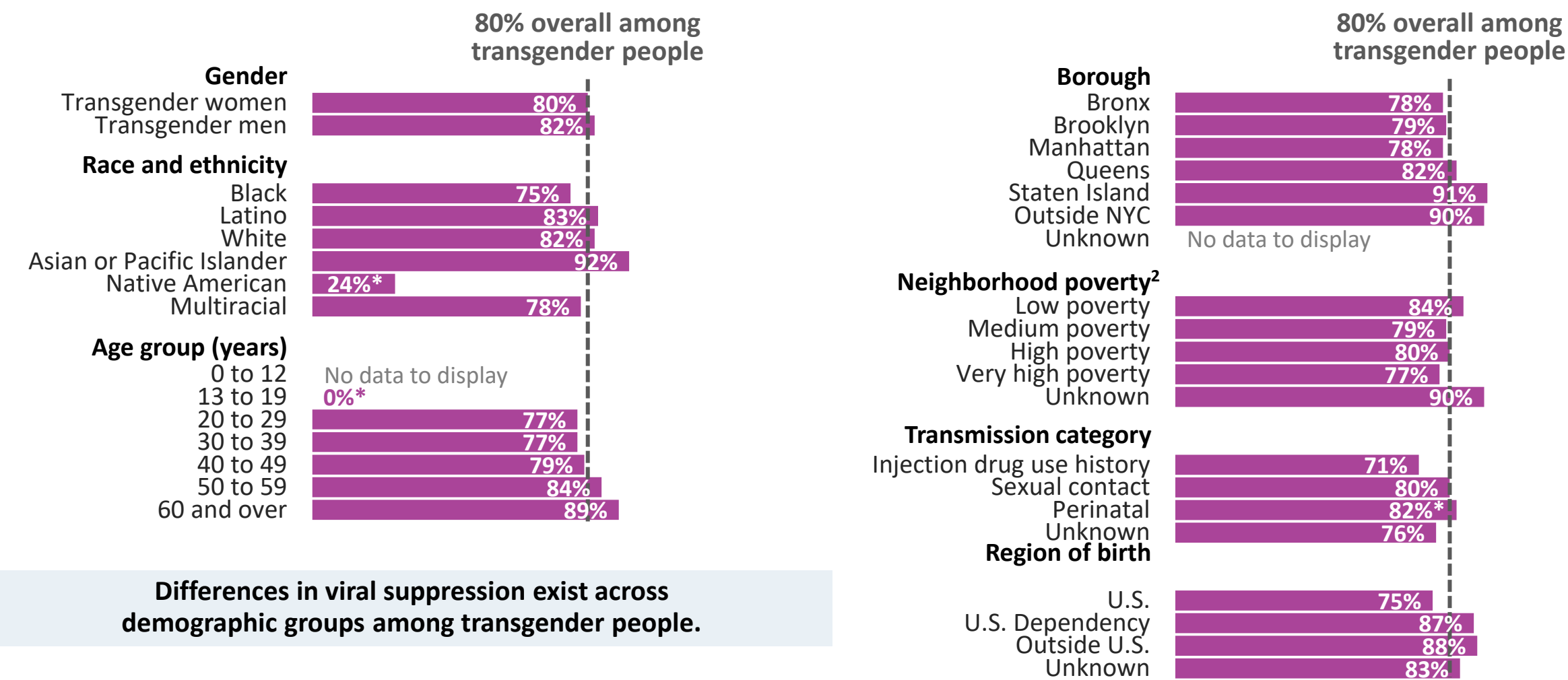


From 2019 to 2024, viral suppression among transgender people increased seven percentage points and was lower than New York City overall.



<sup>1</sup>Viral suppression is defined as the last HIV viral load in the calendar year <200 copies/mL.  
<sup>2</sup>People diagnosed with HIV and viral suppression were calculated using the statistical weighting method. For more details and references, see Technical Notes.  
As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Viral Suppression<sup>1</sup> Among Transgender People Diagnosed With HIV<sup>2</sup> by Demographic Group – New York City, 2024



\*Data should be interpreted with caution because of small population size.

MSM-IDU=Men who have sex with men and inject drugs; TG-SC=Transgender people with sexual contact.

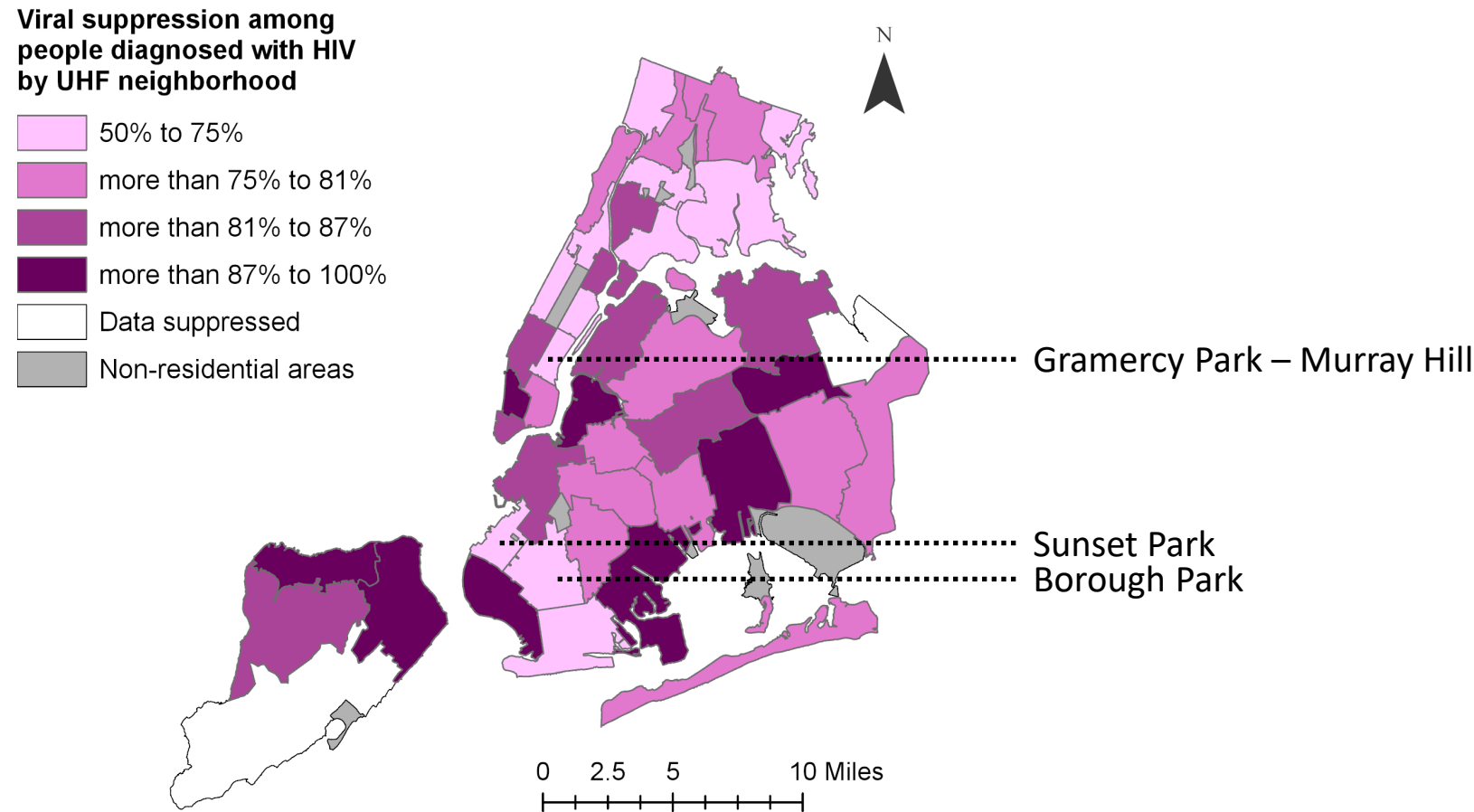
<sup>1</sup>Viral suppression is defined as the last HIV viral load in the calendar year <200 copies/mL. People diagnosed at death have been excluded.

<sup>2</sup>People diagnosed with HIV and viral suppression were calculated using the statistical weighting method. For more details and references, see Technical Notes.

<sup>3</sup>Neighborhood poverty level is determined by the proportion of residents living below the federal poverty level (FPL) in the NYC ZIP code of residence at diagnosis. Low poverty=<10% below FPL; Medium poverty=10 to <20% below FPL; High poverty=20 to <30% below FPL; Very high poverty>=30% below FPL.

As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Viral Suppression<sup>1</sup> Among Transgender People Diagnosed With HIV<sup>2</sup> by United Hospital Fund Neighborhood – New York City, 2024

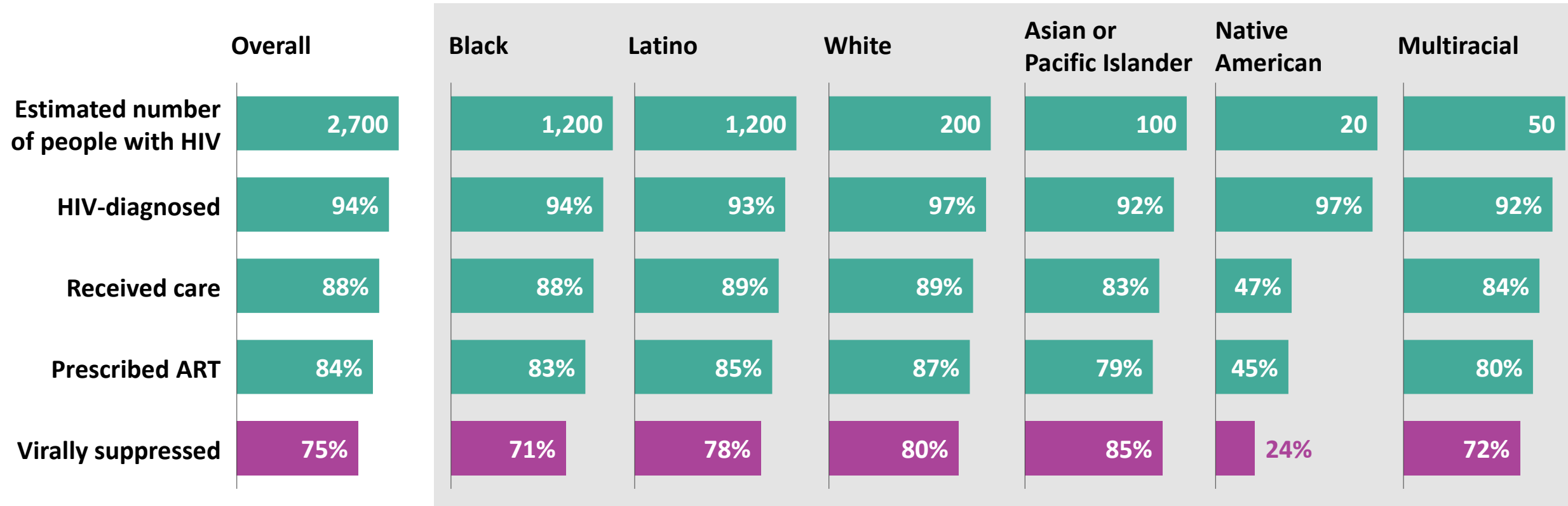


**The neighborhoods with the lowest proportions of virally suppressed transgender people were Sunset Park (50%), Borough Park (64%), and Gramercy Park – Murray Hill (66%).**

<sup>1</sup>Viral suppression is defined as the last HIV viral load in the calendar year <200 copies/mL.  
<sup>2</sup>People diagnosed with HIV and viral suppression were calculated using the statistical weighting method. For more details and references, see Technical Notes.  
As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Proportion of Transgender People With HIV in Stages of the HIV Care Continuum<sup>1,2</sup>

## Overall and by Race and Ethnicity<sup>3</sup> – New York City, 2024



Of approximately 2,700 transgender people with HIV in 2024, 75% had a suppressed viral load. This was lower than the citywide proportion of people with a suppressed viral load of 81%. There were differences in the HIV care continuum by race and ethnicity in 2024.

<sup>1</sup>The HIV care continuum is a series of key stages for people with HIV. The denominator for each displayed proportion is the estimated number of people with HIV within a given group.

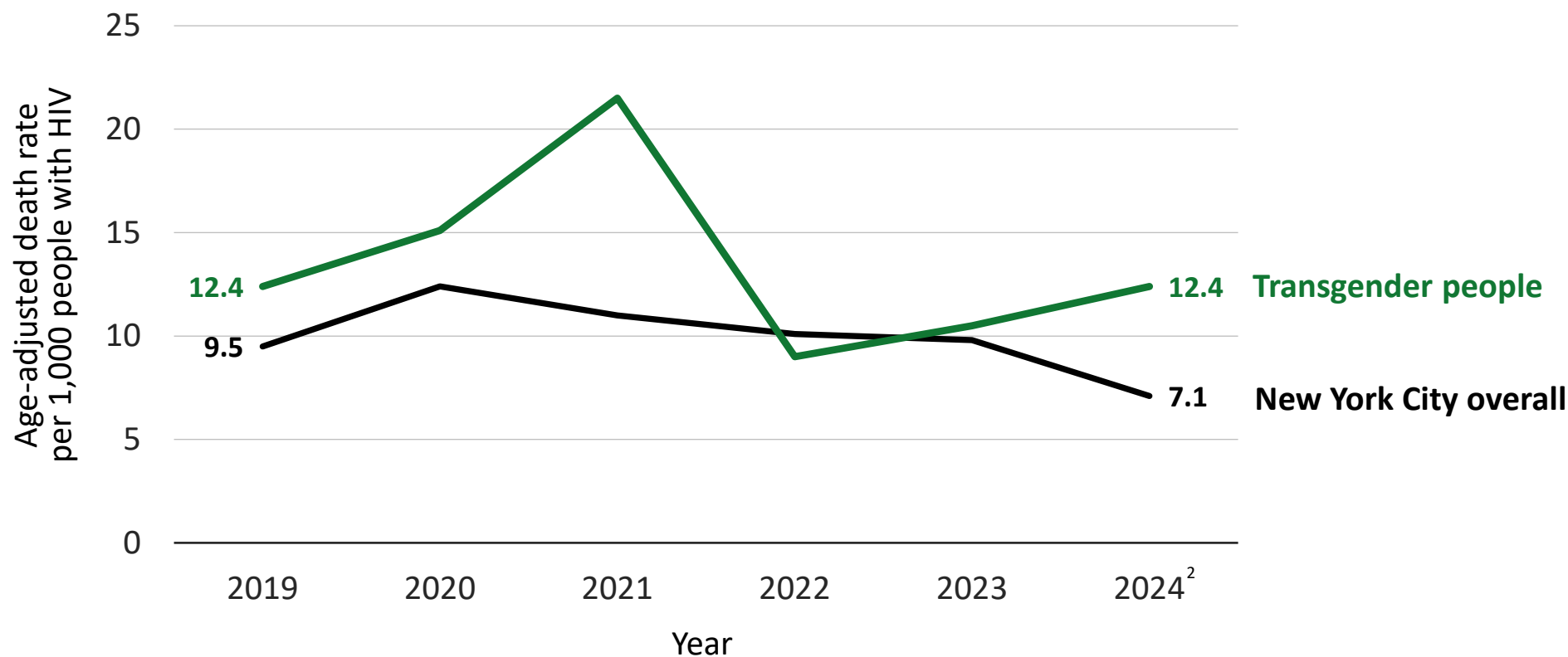
<sup>2</sup>Proportions in the care continuum may not align between stages due to the use of multiple data sources in calculations (e.g., proportion prescribed ART may be lower than the proportion virally suppressed)

<sup>3</sup>The estimated number of people with HIV by race and ethnicity may not sum to the overall value due to rounding and the use of specific estimated proportions of people with HIV who have been diagnosed within each race and ethnicity group.

For definitions of the stages of the continuum of care, see Technical Notes.

As reported to the New York City Department of Health and Mental Hygiene by March 31, 2025.

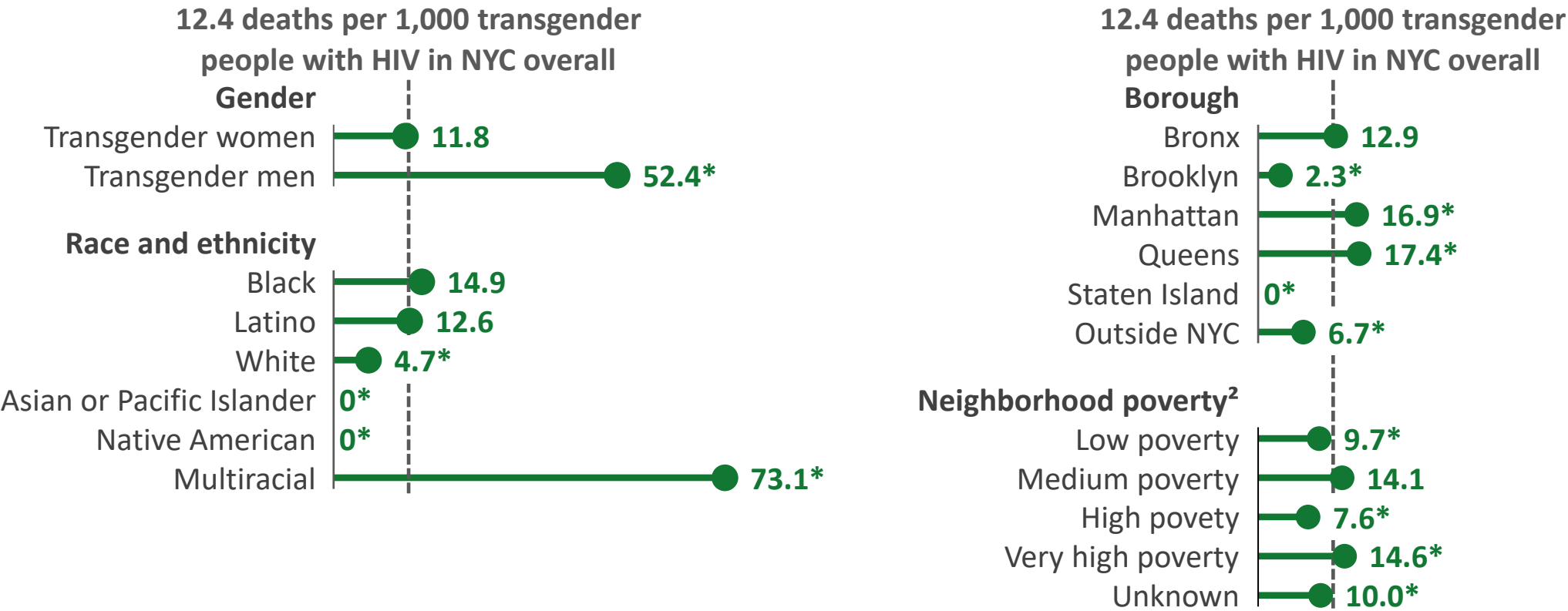
# Age-Adjusted<sup>1</sup> Death Rate per 1,000 Transgender People With HIV and Overall – New York City, 2019-2024



From 2019 to 2024, the age-adjusted death rate among transgender people with HIV fluctuated and was predominately higher than New York City overall. The death rate in 2024 was equal to the rate in 2019.

<sup>1</sup>Age-adjusted to the standard 2000 U.S. population. People newly diagnosed with HIV at death were excluded from the numerator.  
<sup>2</sup>Death data for 2024 are incomplete.  
As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

# Age-Adjusted<sup>1</sup> Death Rate per 1,000 Transgender People With HIV by Demographic Group – New York City, 2024

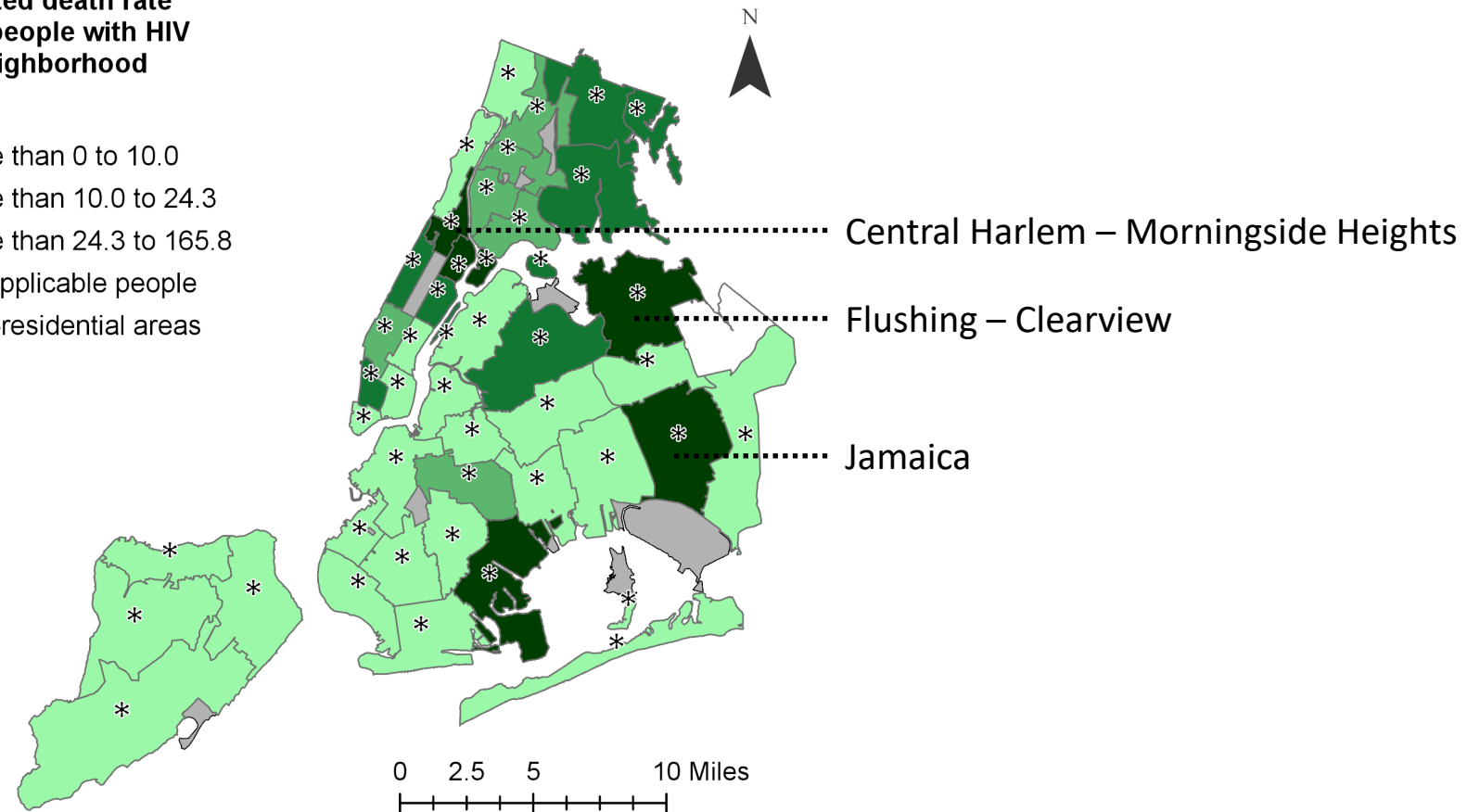
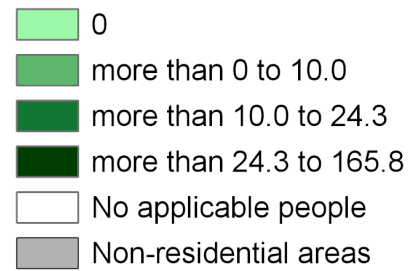


Differences exist in the age-adjusted death rate across demographic groups among transgender people.

\*Data should be interpreted with caution because of small population size.  
<sup>1</sup>Age-adjusted to the standard 2000 U.S. population. People newly diagnosed with HIV at death were excluded from the numerator.  
<sup>2</sup>Neighborhood poverty level is determined by the proportion of residents living below the federal poverty level (FPL) in the NYC ZIP code of residence at diagnosis.  
Low poverty=<10% below FPL; Medium poverty=10 to <20% below FPL; High poverty=20 to <30% below FPL; Very high poverty=≥30% below FPL.  
As reported to the New York City Department of Health and Mental Hygiene by March 31, 2024.

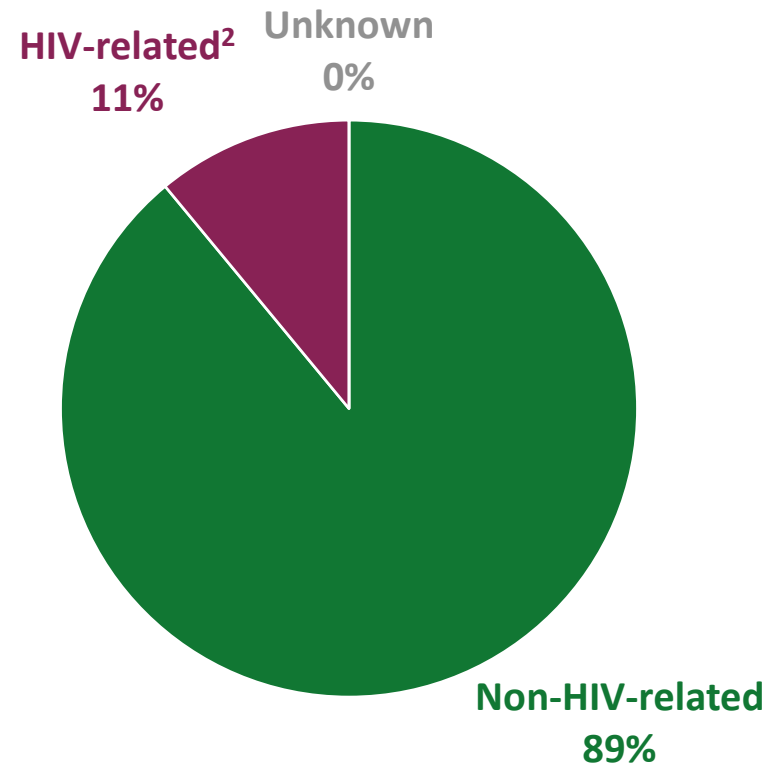
# Age-Adjusted<sup>1</sup> Death Rate per 1,000 Transgender People With HIV by United Hospital Fund Neighborhood – New York City, 2024

Age-adjusted death rate per 1,000 people with HIV by UHF neighborhood



The neighborhoods with the highest age-adjusted death rates among transgender people with HIV were Jamaica (165.8 per 1,000), Flushing – Clearview (38.5 per 1,000), and Central Harlem – Morningside Heights (31.2 per 1,000).

# Proportion of Deaths Among Transgender People With HIV by Cause of Death – New York City, 2023<sup>1</sup>



**In 2023, 89% of deaths among transgender people with HIV were due to non-HIV-related causes. Among these, the top causes were accidents (34%), cardiovascular disease (31%), and suicide (9%).**



## Appendix: How to Find Our Data

The New York City Department of Health and Mental Hygiene (NYC Health Department) issues the various publications related to our HIV surveillance data, including:



- **Annual HIV surveillance reports, surveillance slide sets, and statistics tables**, *available at:* <https://www.nyc.gov/site/doh/data/data-sets/hiv-aids-surveillance-and-epidemiology-reports.page>
- **HIV Care Status Reports**, *available at:* <https://www.nyc.gov/site/doh/health/health-topics/aids-hiv-care-status-reports-system.page>
- **HIV Care Continuum Dashboards**, *available at:* <https://www.nyc.gov/site/doh/health/health-topics/care-continuum-dashboard.page>

For HIV surveillance data requests, email [HIVReport@health.nyc.gov](mailto:HIVReport@health.nyc.gov). Please allow a minimum of two weeks for requests to be completed.

# Appendix: Technical Notes

- **Inclusion criteria:** NYC HIV surveillance data include all people who are diagnosed with HIV by a provider located in NYC, regardless of their place of residence. NYC HIV surveillance investigates all people who were previously unknown to the NYC HIV Surveillance Registry. People who have an indication of previous HIV diagnosis, through health record review, interview, or federal duplication efforts (e.g., Routine Interstate Duplicate Review [RIDR]), are not included under people newly diagnosed with HIV in this report.
- **HIV Incidence:** HIV incidence is the number of people who acquired HIV in a population in a given period (such as a calendar year) as estimated based on a CD4 depletion model.<sup>1</sup> This differs from HIV diagnoses, which is the number of people who were newly diagnosed with HIV in a population in a given period (such as a calendar year), regardless of when they may actually have acquired HIV, which may have been many years prior to their diagnosis.
- **Gender:** NYC HIV surveillance has routinely collected information gender identity since 2005 for newly reported cases. This report displays the following gender categories: men, women, transgender women, transgender men, and additional gender identities. In this report, people whose current gender identity differs from their sex assigned at birth are considered transgender people, and people who reported a nonbinary, genderqueer, gender nonconforming or any gender identity not previously listed are grouped under additional gender identities. Gender identities listed here are included without any intended hierarchy or prioritization – and are based on limited data reported to HIV surveillance. Classifying gender in surveillance requires accurate collection of sex assigned at birth and gender identity. Sex assigned at birth and gender information are collected from people’s self-reports, their health care providers, or medical chart reviews. This information may or may not be complete or reflect self-identification. Reported numbers in this report among transgender people and people with additional gender identities are likely to be underestimates.
- **Race and Ethnicity:** NYC HIV surveillance collects data on race and ethnicity from multiple sources, including medical charts, provider reporting, vital statistics records, and patient interviews. Black, white, Asian or Pacific Islander, Native American, and multiracial race categories exclude Latino ethnicity. People with the ethnicity Latino are grouped in the Latino race and ethnicity category, regardless of their race classification. People not identified as Latino who identify with more than one race are classified under multiracial.
- **Area-Based Poverty:** Area-based poverty is based on NYC ZIP code of residence and is defined as the percentage of the population in a ZIP code with a household income that is below the federal poverty level. In this report, for HIV and AIDS diagnoses, ZIP code of residence at diagnosis; for people with HIV and deaths, ZIP code of residence on most recent record available. This measure is not available for people missing a ZIP code or living outside NYC. Income data used in this report are from the five-year American Community Survey (ACS) estimates centered on the year of the numerator data (for example, 2019 to 2023 ACS five-year estimate for 2021 data); if the preferred five-year file was not available, the most recent five-year ACS file was used. Cut points for area-based poverty categories in NYC were defined by a NYC Health Department work group.<sup>2</sup>

# Appendix: Technical Notes

- **Transmission Category:** NYC HIV surveillance collects data on behaviors possibly related to HIV transmission that occurred any time prior to diagnosis. Transmission categories include men who have sex with men, injection drug use, men who have sex with men and inject drugs, heterosexual contact, transgender people with sexual contact, perinatal transmission, and other. Men who have sex with men includes men with reported sexual contact with another man, and men with a history of a rectal sexually transmitted infection or proctitis and no other definitive transmission category. Injection drug use includes people with a history of taking nonprescribed drugs by injection, intravenously, intramuscularly or subcutaneously, excluding men reporting a history of sex with men. Men who have sex with men and inject drugs includes people meeting the definition of both the men who have sex with men and injection drug use categories as described above. Heterosexual contact includes people who had heterosexual sex with a person they know to have HIV, a person they know to have injected drugs, or a person they know to have received blood products. For women only, it also includes history of sex work, multiple sex partners, sexually transmitted infection, crack or cocaine use, sex with a bisexual man, probable heterosexual transmission as noted in a medical chart, or sex with a man and no injection drug use history. Transgender people with sexual contact includes people identified as transgender at any time who have reported sexual contact and no injection drug use history. Transgender people with injection drug use history are categorized under injection drug use history. Perinatal includes people who were exposed to HIV during gestation, birth or postpartum through breastfeeding to a parent with HIV. Other includes people who received treatment for hemophilia, people who received a transfusion or transplant, people with other health care-associated transmission, and children with non-perinatal transmission. Unknown includes people for whom data are not available to classify them in one of the transmission categories described above.
- **Death Data:** NYC HIV surveillance collects data on deaths among people with HIV occurring in NYC through matches with the NYC Vital Statistics registry, medical chart reviews, and provider reports, including on autopsies of people with HIV by the NYC Office of Chief Medical Examiner. Data on deaths occurring outside NYC are from matches with the U.S. Social Security Administration's Death Master File and CDC's National Death Index. At the time of publication of this report, death data for the reporting period are incomplete. They include preliminary NYC death data, National Death Index data, and partial Death Master File data.
- **Cause of Death:** In this report, cause of death is a person's underlying cause of death. For deaths occurring between 1984 and 1986, ICD-9 code 279.1 was used to denote AIDS-related deaths. For deaths occurring between 1987 and 1998, ICD-9 codes 042-044 were used to denote HIV- or AIDS-related deaths. For deaths occurring between 1999 and the most recent year, ICD-10 codes B20-B24 were used to denote HIV/AIDS-related deaths. For technical notes on cause of death by the NYC Health Department's Bureau of Vital Statistics, see [nyc.gov/assets/doh/downloads/pdf/vs/2022sum.pdf](https://nyc.gov/assets/doh/downloads/pdf/vs/2022sum.pdf). HIV infection and its management may contribute to causes of death classified as non-HIV-related, such as cardiovascular disease and certain cancers.<sup>1,2</sup>

# Appendix: Technical Notes on the HIV Care Continuum

**NYC HIV Care Continuum:** The care continuum is a common model used to quantify the progress of people with HIV through the stages of HIV care, with the ultimate goal being viral suppression. The stages of the care continuum are defined as follows:

- **People with HIV** is the estimated number of people diagnosed and undiagnosed with HIV. This estimate is calculated as the number of people diagnosed with HIV divided by the estimated proportion of people with HIV who are diagnosed, based on a CD4 depletion model.<sup>1</sup> All proportions in the Continuum use this number as the denominator.
- **HIV-Diagnosed** is calculated as the number of people with HIV retained in care plus the estimated number of people with HIV who were out of care, based on a statistical weighting method. This estimated number aims to account for migration out of NYC and therefore is different from the total number of people diagnosed and reported with HIV in NYC as seen in Figure 1 and Table 1 of the HIV surveillance annual report.<sup>2</sup>
- **Received care** is defined as people with HIV with one or more viral load or CD4 laboratory result reported in the calendar year to NYC HIV surveillance.<sup>3</sup>
- **Prescribed ART** is calculated as the number of people with HIV who received care multiplied by the estimated proportion of people with HIV prescribed ART in the previous 12 months, based on the proportion of NYC MMP participants whose medical record included documentation of ART prescription.<sup>4</sup>
- **Virally suppressed** is calculated as people with HIV in care with a most recent viral load measurement in the calendar year of less than 200 copies per milliliter, plus the estimated number of out-of-care people with HIV in the calendar year with a viral load of less than 200 copies per milliliter, based on a statistical weighting method.<sup>2</sup>

# Appendix: Reporting HIV and AIDS Diagnoses for Health Care Providers

**New York State (NYS) law requires health care providers to report HIV and AIDS diagnoses.**

NYS [Public Health Law](#)<sup>1</sup> requires providers to report within seven days of diagnosis or receipt of laboratory results:

- New HIV diagnoses
- New AIDS diagnoses (if the patient has fewer than 200 CD4 cells per  $\mu$ L or an AIDS-related opportunistic infection)
- Previously diagnosed HIV or AIDS (if seeing the patient for the first time)

**Providers must report within 24 hours of diagnosis:**

- Acute HIV infections

**Submit reports using the NYS Medical Provider HIV/AIDS and Partner/Contact Report Form (DOH-4189) by:**

- Submitting the form electronically through the NYS Health Commerce System's Provider Portal at [commerce.health.state.ny.us](https://commerce.health.state.ny.us). For assistance with the portal, see the provider reporting guide at [Provider Reporting Guide](#) or call the NYS Department of Health at 518-474-4284.
- Obtaining paper forms from the NYC Health Department and arranging for the pickup of completed paper forms by calling 212-442-3388. You may also fax the completed form to the NYC Health Department at 347-396-8816. To protect patient confidentiality, completed forms must not be mailed to the NYC Health Department.



For more information and resources on reporting HIV and AIDS diagnoses, scan the QR code or visit: [nyc.gov/health/hivproviderreporting](https://nyc.gov/health/hivproviderreporting)

**Providers should notify their patients newly diagnosed with HIV that they may be contacted by NYC Health Department's Assess.Connect.Engage. (ACE) Team who can assist them and their partners to:**

- Assess health care and supportive service needs
- Connect patients who did not receive their HIV test results or missed their first medical appointment to HIV care
- Engage patient's partners in HIV testing, prevention, treatment, and supportive services, as needed

**To contact the ACE Team, call 347-396-7601 Monday to Friday from 9 a.m. to 5 p.m. or email [ACE@health.nyc.gov](mailto:ACE@health.nyc.gov).**

## Appendix: Acknowledgements

This report was prepared by the HIV Epidemiology Program in the NYC Health Department's Bureau of Hepatitis, HIV, and Sexually Transmitted Infections. We would like to acknowledge staff in the HIV Epidemiology Program's Surveillance Unit, ACE Team, Core HIV Surveillance Special Projects, and Data Support Unit, whose work is the foundation of this report.

The HIV Epidemiology Program's work depends on the participation of NYC providers, New Yorkers with HIV, community members and multiple other contributors. To them we are immensely indebted. Thank you.