New York State Cascade of HIV Care, 2016

Persons Residing in NYS† at End of 2016

- **Estimated Persons Living with HIV (PLWH)‡**: 121,900
- **Persons Living w/Diagnosed HIV (PLWDH)**: 112,900
- **Cases w/any HIV care during the year***: 90,800
- **Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year**: 78,700

### Percentages
- 93% of PLWH
- 74% of PLWH
- 80% of PLWDH
- 65% of PLWH
- 70% of PLWDH
- 87% of cases w/any care

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ Estimated unknown 5.0% for NYC and 15% Rest of State
*Any VL, CD4, genotype test during the year.
Cascade of HIV Care: New York City, 2016

Persons Residing in NYC† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 92,700
- Persons Living w/Diagnosed HIV (PLWDH): 88,000 (95% of PLWH)
- Cases w/any HIV care during the year*: 71,800 (77% of PLWH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 61,700 (67% of PLWH)

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 5.0% were estimated HIV persons and unaware (NYC estimate)
* Any VL, CD4, genotype test during the year
Cascade of HIV Care: NYS excluding NYC, 2016

Persons Residing in NYS, excl. NYC† at End of 2016

Estimated Persons Living with HIV (PLWH)‡
- 29,300

Persons Living w/Diagnosed HIV (PLWDH)
- 24,900

Cases w/any HIV care during the year*
- 19,000

Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year
- 17,000

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15% were estimated HIV persons and unaware (CDC estimate)
* Any VL, CD4, genotype test during the year
Cascade of HIV Care: Albany Ryan White Region
Persons Residing in the Albany Ryan White Region† at End of 2016 (excludes prisoner cases)

- Estimated Persons Living with HIV (PLWH)‡: 3,680
- Persons Living w/Diagnosed HIV (PLWDH): 3,120 (85% of PLWH)
- Cases w/any HIV care during the year*: 2,380 (65% of PLWH; 76% of PLWDH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 2,130 (58% of PLWH; 68% of PLWDH; 90% of cases w/any care)

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15% were estimated HIV persons and unaware (CDC estimate)
* Any VL, CD4, genotype test during the year
Cascade of HIV Care: Binghamton Ryan White Region

Persons Residing in the Binghamton Ryan White Region† at End of 2016 (excludes prisoner cases)

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Persons Living with HIV (PLWH)‡</td>
<td>620</td>
<td></td>
</tr>
<tr>
<td>Persons Living w/Diagnosed HIV (PLWDH)</td>
<td>530</td>
<td>85% of PLWH</td>
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<tr>
<td>Cases w/any HIV care during the year*</td>
<td>390</td>
<td>63% of PLWH</td>
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<tr>
<td>Virally suppressed (n.d. or &lt;200 copies/ml) at test closest to end-of-year</td>
<td>350</td>
<td>56% of PLWH</td>
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†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15% were estimated HIV persons and unaware (CDC estimate)
* Any VL, CD4, genotype test during the year
Cascade of HIV Care: Buffalo Ryan White Region
Persons Residing in the Buffalo Ryan White Region† at End of 2016 (excludes prisoner cases)

- Estimated Persons Living with HIV (PLWH)‡: 3,370
- Persons Living w/Diagnosed HIV (PLWDH): 2,870 (85% of PLWH)
- Cases w/any HIV care during the year*: 2,310 (68% of PLWH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 2,010 (60% of PLWH)

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15% were estimated HIV persons and unaware (CDC estimate)
* Any VL, CD4, genotype test during the year

87% of cases w/any care
Cascade of HIV Care: Lower Hudson Ryan White Region

Persons Residing in the Lower Hudson Ryan White Region† at End of 2016 (excludes prisoner cases)

- Estimated Persons Living with HIV (PLWH)‡: 4,560
- Persons Living w/Diagnosed HIV (PLWDH): 3,880 (85% of PLWH)
- Cases w/any HIV care during the year*: 2,990 (65% of PLWH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 2,700 (59% of PLWH)
  - 70% of PLWDH
  - 90% of cases w/any care

† Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15% were estimated HIV persons and unaware (CDC estimate)
* Any VL, CD4, genotype test during the year
Cascade of HIV Care: Mid Hudson Ryan White Region

Persons Residing in the Mid Hudson Ryan White Region† at End of 2016 (excludes prisoner cases)

![Bar chart showing the cascade of HIV care metrics for the Mid Hudson Ryan White Region.]

- **Estimated Persons Living with HIV (PLWH)‡**: 2,570
- **Persons Living w/Diagnosed HIV (PLWDH)**: 2,190 (85% of PLWH)
- **Cases w/any HIV care during the year***: 1,600 (62% of PLWH)
- **Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year**: 1,410 (55% of PLWH)

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15% were estimated HIV persons and unaware (CDC estimate)
* Any VL, CD4, genotype test during the year
Cascade of HIV Care: Nassau-Suffolk Ryan White Region

Persons Residing in the Nassau-Suffolk Ryan White Region† at End of 2016 (excludes prisoner cases)

- Estimated Persons Living with HIV (PLWH)‡: 6,810
- Persons Living w/Diagnosed HIV (PLWDH): 5,790 (85% of PLWH)
- Cases w/any HIV care during the year*: 4,510 (66% of PLWH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 4,110 (60% of PLWH)

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15% were estimated HIV persons and unaware (CDC estimate)
* Any VL, CD4, genotype test during the year
Cascade of HIV Care: Rochester Ryan White Region

Persons Residing in the Rochester Ryan White Region† at End of 2016 (excludes prisoner cases)

- **Estimated Persons Living with HIV (PLWH)‡**: 3,450
- **Persons Living w/Diagnosed HIV (PLWDH)**: 2,930 (85% of PLWH)
- **Cases w/any HIV care during the year***: 2,410 (70% of PLWH)
- **Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year**: 2,120 (61% of PLWH)

*Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.

‡ 15% were estimated HIV persons and unaware (CDC estimate)

* Any VL, CD4, genotype test during the year
Cascade of HIV Care: Syracuse Ryan White Region

Persons Residing in the Syracuse Ryan White Region† at End of 2016 (excludes prisoner cases)

- Estimated Persons Living with HIV (PLWH)‡: 2,690
- Persons Living w/Diagnosed HIV (PLWDH): 2,290 (85% of PLWH)
- Cases w/any HIV care during the year*: 1,790 (67% of PLWH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 1,630 (60% of PLWH)

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15% were estimated HIV persons and unaware (CDC estimate)
* Any VL, CD4, genotype test during the year

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Department of Health
Cascade of HIV Care: History of Male to Male Sexual Contact
Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 59,900
- Persons Living w/Diagnosed HIV (PLWDH): 50,000
- Cases w/any HIV care during the year*: 40,200
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 35,600

67% of PLWH
80% of PLWDH
60% of PLWH
71% of PLWDH
89% of cases w/any care

§ Includes cases with MSM and MSM/IDU HIV transmission risks
† Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 16.5% were estimated HIV persons and unaware (CDC estimate);
* Any VL, CD4, or genotype test during the year
Cascade of HIV Care: History of Injection Drug Use

Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 18,700
- Persons Living w/Diagnosed HIV (PLWDH): 17,400
- Cases w/any HIV care during the year*: 14,400 (77% of PLWH, 83% of PLWDH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 12,000 (64% of PLWH, 69% of PLWDH, 83% of cases w/any care)

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§ Includes cases with IDU and MSM/IDU HIV transmission risks
†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 6.7% were estimated HIV persons and unaware (CDC estimate);
*Any VL, CD4, or genotype test during the year
Cascade of HIV Care: Heterosexual

Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 38,200
- Persons Living w/Diagnosed HIV (PLWDH): 32,200
- Cases w/any HIV care during the year*: 26,700 (70% of PLWH, 83% of PLWDH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 23,100 (60% of PLWH, 72% of PLWDH)

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15.7% were estimated HIV persons and unaware (CDC estimate);
*Any VL, CD4, or genotype test during the year.
**Cascade of HIV Care: Black/African-Americans**

**Persons Residing in NYS† at End of 2016**

- **Estimated Persons Living with HIV (PLWH)‡**: 53,700
- **Persons Living w/Diagnosed HIV (PLWDH)**: 45,200
- **Cases w/any HIV care during the year***: 36,200
- **Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year**: 30,100

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†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.

‡ 15.7% were estimated HIV persons and unaware (CDC estimate);

*Any VL, CD4, or genotype test during the year

80% of PLWDH

83% of cases w/any care
Cascade of HIV Care: Hispanics
Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 43,800
- Persons Living w/Diagnosed HIV (PLWDH): 36,400
- Cases w/any HIV care during the year*: 29,600
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 25,600

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 16.9% were estimated HIV persons and unaware (CDC estimate);
*Any VL, CD4, or genotype test during the year.
Cascade of HIV Care: Asian and Pacific Islanders

Persons Residing in NYS† at End of 2016

Estimated Persons Living with HIV (PLWH)‡

Persons Living w/Diagnosed HIV (PLWDH)

Cases w/any HIV care during the year*

Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 19.6% were estimated HIV persons and unaware (CDC estimate);
*Any VL, CD4, or genotype test during the year

63% of PLWH
78% of PLWDH
60% of PLWH
75% of PLWDH
96% of cases w/any care
Cascade of HIV Care: Males

Persons Residing in NYS‡ at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 95,700
- Persons Living w/Diagnosed HIV (PLWDH): 80,500
- Cases w/any HIV care during the year*: 64,200 (67% of PLWH, 80% of PLWDH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 56,100 (59% of PLWH, 70% of PLWDH, 87% of cases w/any care)

‡Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.

† 15.8% were estimated HIV persons and unaware (CDC estimate);

*Any VL, CD4, or genotype test during the year
Cascade of HIV Care: Females

Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 36,900
- Persons Living w/Diagnosed HIV (PLWDH): 32,400
- Cases w/any HIV care during the year*: 26,600
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 22,600

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 12.2% were estimated HIV persons and unaware (CDC estimate);
*Any VL, CD4, or genotype test during the year

82% of PLWDH
72% of PLWH
85% of cases w/any care
61% of PLWH
70% of PLWDH
Cascade of HIV Care: Youth (aged 13-24 years)

Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 6,000
- Persons Living w/Diagnosed HIV (PLWDH): 3,300
- Cases w/any HIV care during the year*: 2,700
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 2,000

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 44.4% were estimated HIV persons and unaware (CDC estimate);
*Any VL, CD4, or genotype test during the year
Cascade of HIV Care: Adults aged 50 and Older

Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 63,200
- Persons Living w/Diagnosed HIV (PLWDH): 58,800
- Cases w/any HIV care during the year*: 48,900 (77% of PLWH 83% of PLWDH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 43,800 (69% of PLWH 75% of PLWDH 90% of cases w/any care)

†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 6.9% were estimated HIV persons and unaware (CDC estimate of age 55 and older);
*Any VL, CD4, or genotype test during the year.
Cascade of HIV Care: Minority Males

Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 71,900
- Persons Living w/Diagnosed HIV (PLWDH): 60,500
- Cases w/any HIV care during the year*: 48,400 (67% of PLWH; 80% of PLWDH)
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 41,300 (57% of PLWH; 68% of PLWDH; 85% of cases w/any care)

‡ Includes males of all race/ethnicity groups except for Non-Hispanic White
† Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 15.8% were estimated HIV persons and unaware (CDC estimate of males);
* Any VL, CD4, or genotype test during the year
Cascade of HIV Care: Minority Females

Persons Residing in NYS† at End of 2016

- Estimated Persons Living with HIV (PLWH)‡: 33,500
- Persons Living w/Diagnosed HIV (PLWDH): 29,400
- Cases w/any HIV care during the year*: 24,300
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 20,400

- 72% of PLWH
- 82% of PLWDH
- 61% of PLWH
- 69% of PLWDH
- 84% of cases w/any care

§ Includes females of all race/ethnicity groups except for Non-Hispanic White
†Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 12.2% were estimated HIV persons and unaware (CDC estimate of females);
*Any VL, CD4, or genotype test during the year
Cascade of HIV Care: History of Male to Male Sexual Contact Among Persons of Color

Persons Residing in NYS at End of 2016

- Estimated Persons Living with HIV (PLWH): 40,400
- Persons Living w/ Diagnosed HIV (PLWDH): 33,700
- Cases w/ any HIV care during the year: 27,400
- Virally suppressed (n.d. or <200 copies/ml) at test closest to end-of-year: 23,500

- 68% of PLWH
- 81% of PLWDH
- 58% of PLWH
- 70% of PLWDH
- 86% of cases w/ any care

§ Includes MSM and MSM/IDU of all race/ethnicity groups except for Non-Hispanic White
† Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
‡ 16.5% were estimated HIV persons and unaware (CDC estimate of MSM and MSM/IDU);
* Any VL, CD4, or genotype test during the year.