

# Georgia HIV Care Continuum Update: Persons Living with HIV, and Persons Diagnosed with HIV, 2018

HIV Epidemiology Section, Georgia Department of Public Health

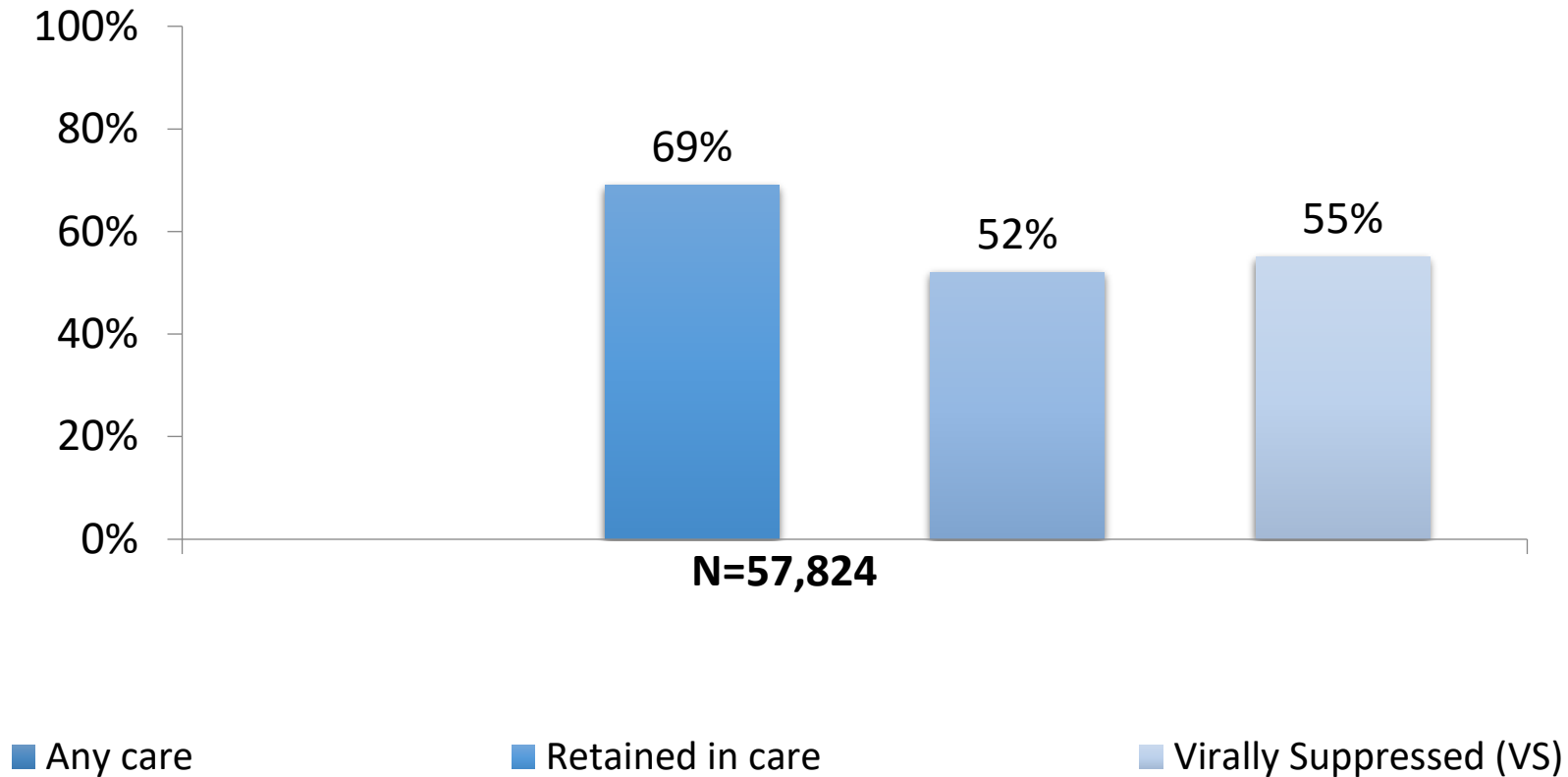


# Persons Living with HIV Care Continuum Methodology, Georgia, 2018

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- Adults and adolescents are those aged  $\geq 13$  years
- Diagnosed with HIV by 12/31/2017, living as of 12/31/2018
- Last address in 2018 within Georgia
- Any care  $\geq 1$  CD4 or VL in 2018
- Retained in care  $\geq 2$  CD4 or VL at least 3 months apart in 2018
- Viral suppression (VS) = VL < 200 copies/ml in most recent VL in 2018
- Each bar in the continuum is independent of those preceding it; all percentages are of the total number of persons (N) diagnosed with HIV in each category

# Adults and Adolescents Living with Diagnosed HIV, Georgia, 2018



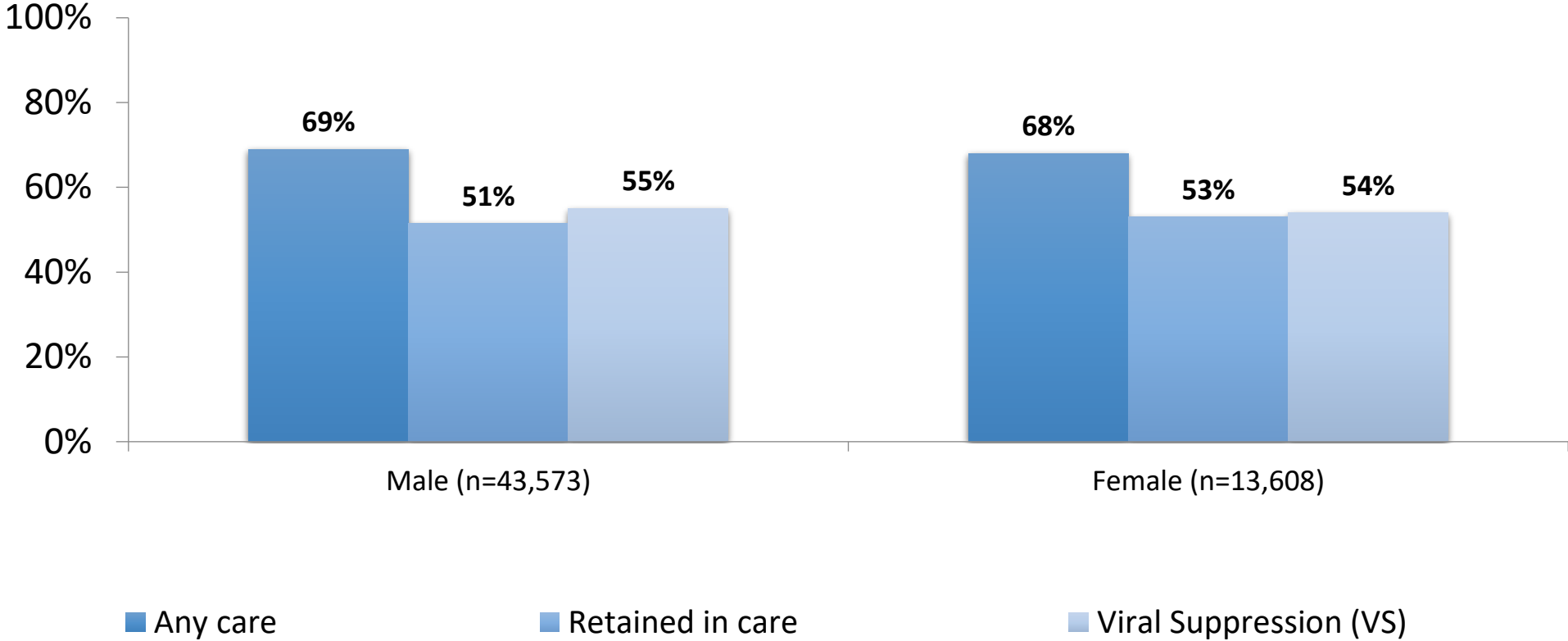
Adults and adolescents  $\geq$  age 13, diagnosed by 12/31/2017, living as of 12/31/2018, with a current address in Georgia

Any care  $\geq$  1 CD4 or VL in 2018

Retained in care  $\geq$  2 CD4 or VL at least 3 months apart in 2018

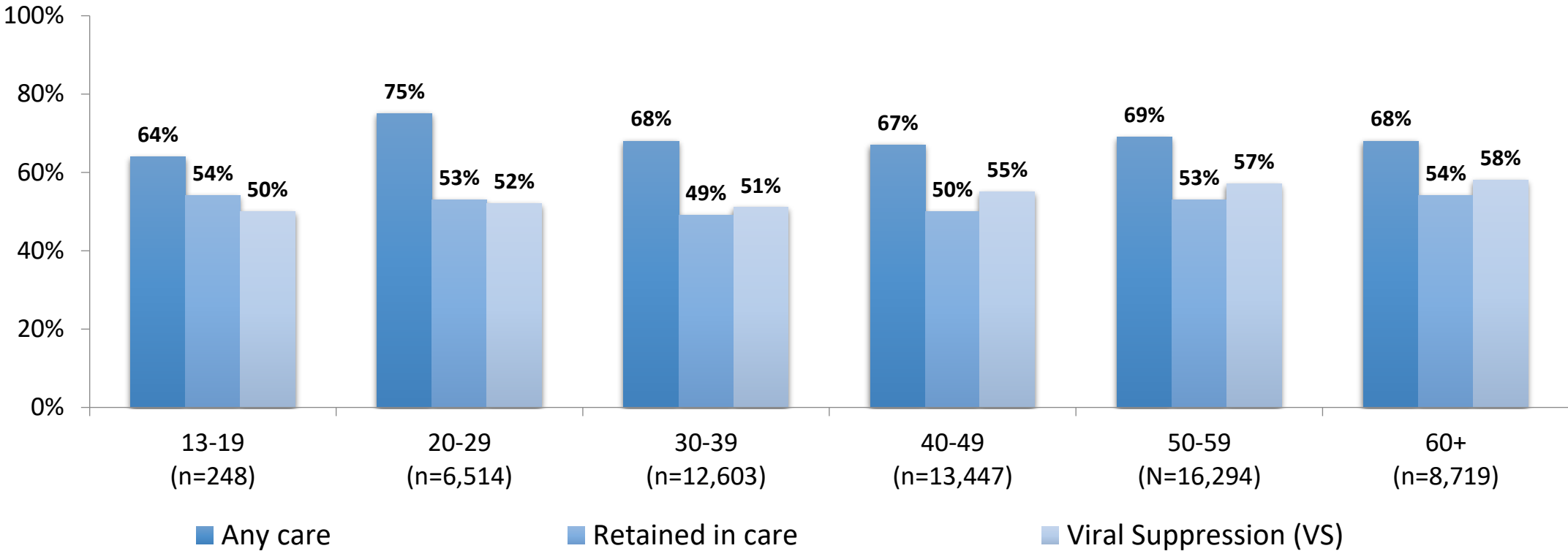
Viral suppression (VS) = VL < 200 copies/ml on most recent viral load in 2018

# Adults and Adolescents Living with Diagnosed HIV, by Gender, Georgia, 2018



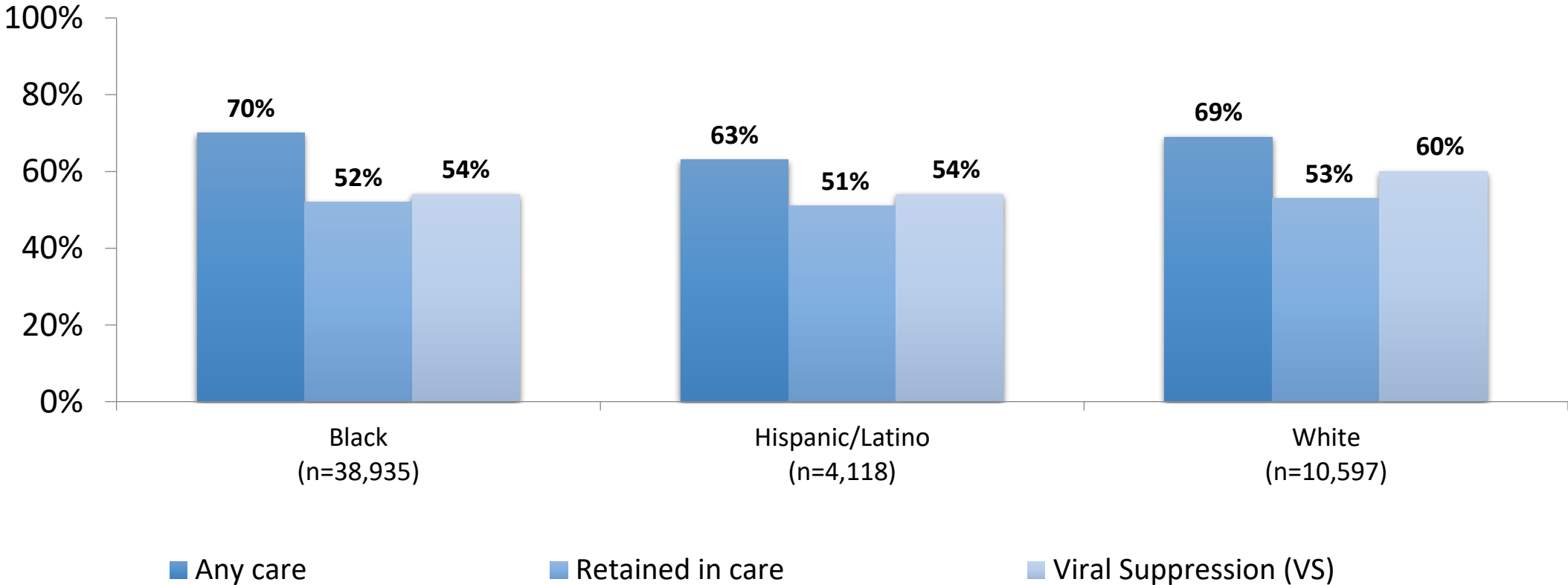
Adults and adolescents  $\geq$  age 13, diagnosed by 12/31/2017, living as of 12/31/2018, with a current address in Georgia  
Any care  $\geq$  1 CD4 or VL in 2018  
Retained in care  $\geq$  2 CD4 or VL at least 3 months apart in 2018  
Viral suppression (VS) = VL < 200 copies/ml on most recent viral load in 2018

# Adults and Adolescents Living with Diagnosed HIV, by Current Age (in Years), Georgia, 2018



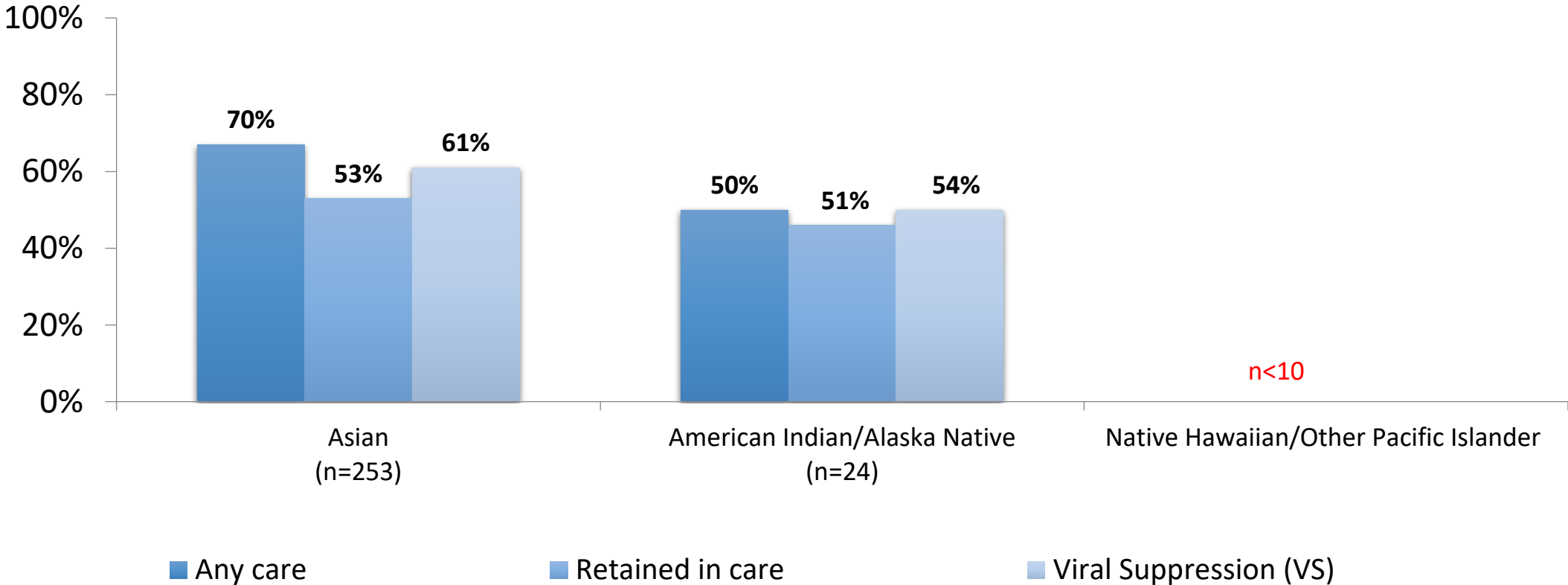
Adults and adolescents  $\geq$  age 13, diagnosed by 12/31/2017, living as of 12/31/2018, with a current address in Georgia  
 Any care  $\geq$  1 CD4 or VL in 2018  
 Retained in care  $\geq$  2 CD4 or VL at least 3 months apart in 2018  
 Viral suppression (VS) = VL < 200 copies/ml on most recent viral load in 2018

# Adults and Adolescents Living with Diagnosed HIV, by Race/Ethnicity, Georgia, 2018



Adults and adolescents  $\geq$  age 13, diagnosed by 12/31/2017, living as of 12/31/2018, with a current address in Georgia  
Any care  $\geq$  1 CD4 or VL in 2018  
Retained in care  $\geq$  2 CD4 or VL at least 3 months apart in 2018  
Viral suppression (VS) = VL < 200 copies/ml on most recent viral load in 2018

# Adults and Adolescents Living with Diagnosed HIV, by Race/Ethnicity, Georgia, 2018



Adults and adolescents >= age 13, diagnosed by 12/31/2017, living as of 12/31/2018, with a current address in Georgia  
 Any care >= 1 CD4 or VL in 2018  
 Retained in care >= 2 CD4 or VL at least 3 months apart in 2018  
 Viral suppression (VS) = VL<200 copies/ml on most recent viral load in 2018  
 Counts of less than 10 are censored due to being too small

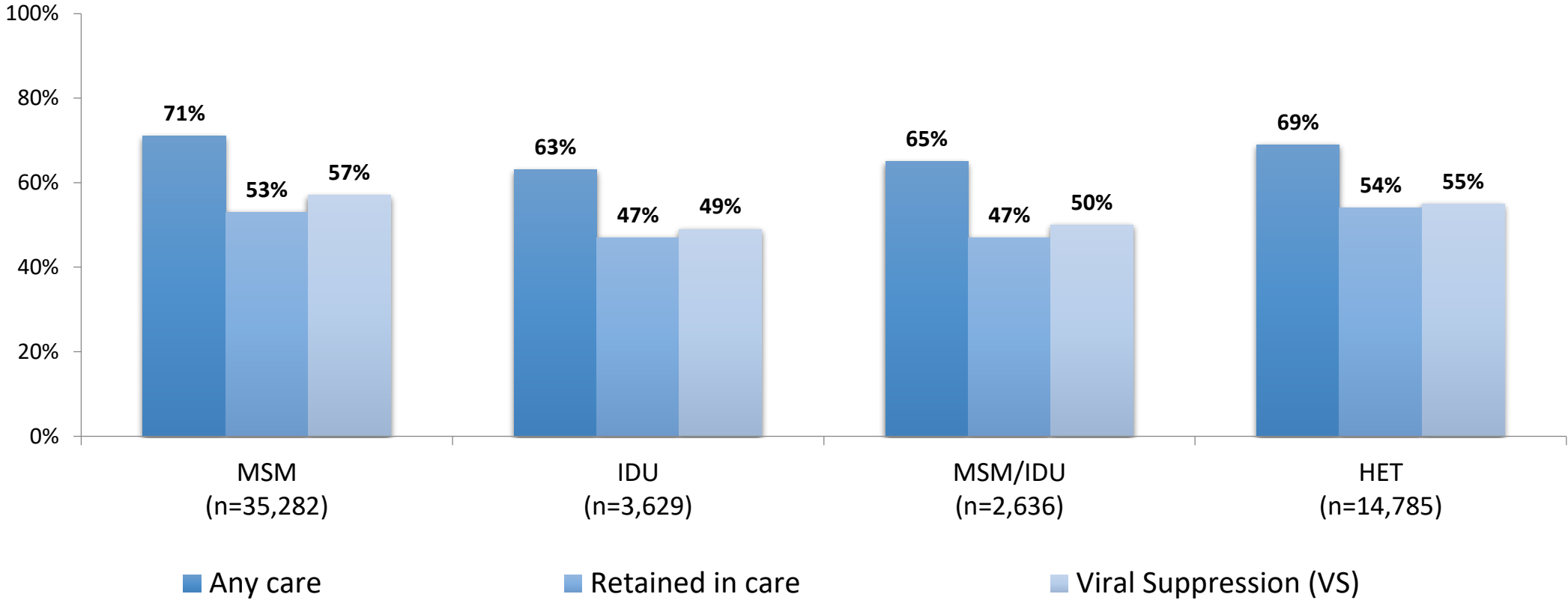
# Transmission Category Definitions

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- Multiple imputation was used to assign transmission category where missing
- MSM = Male to male sexual contact
- IDU = Injection drug use
- MSM/IDU = Male to male sexual contact and injection drug use
- HET = Heterosexual contact with a person known to have, or to be at high risk for, HIV infection

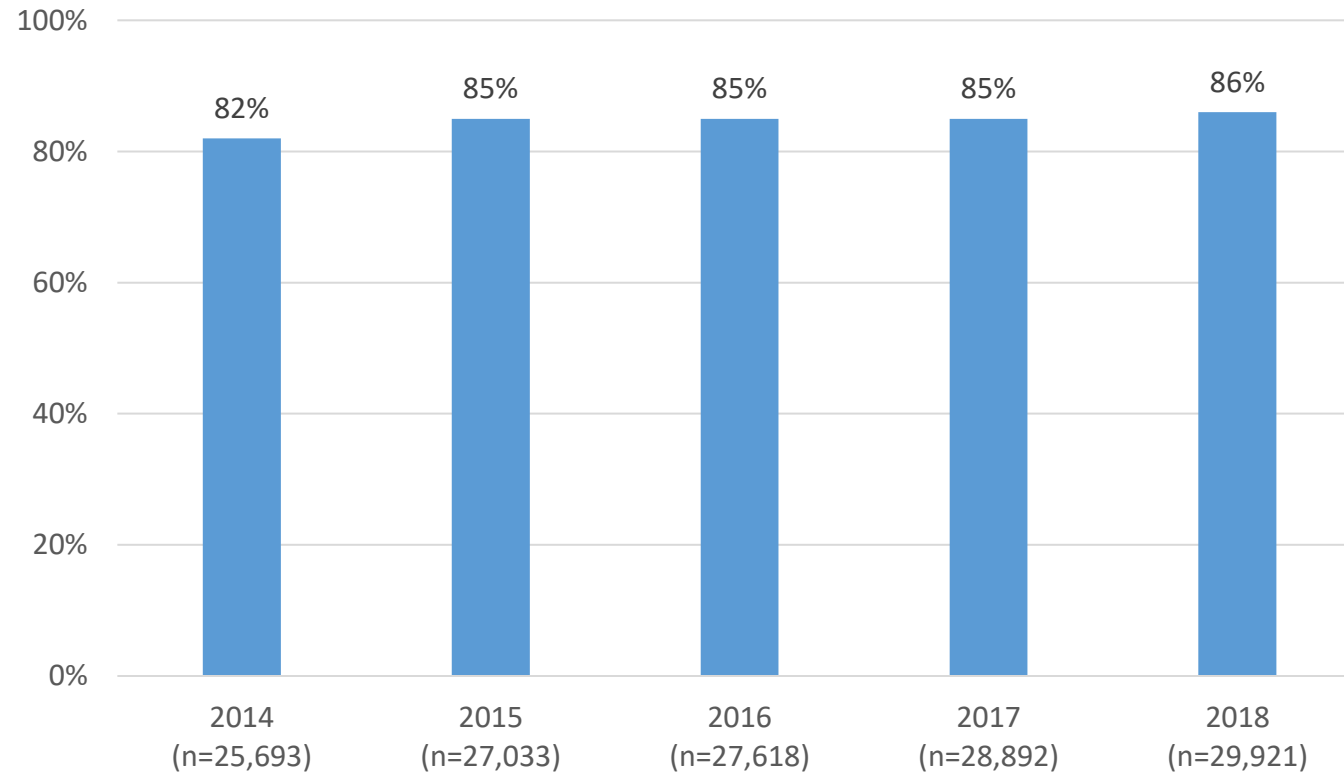


# Adults and Adolescents Living with Diagnosed HIV, by Transmission Category, Georgia, 2018



Adults and adolescents  $\geq$  age 13, diagnosed by 12/31/2017, living as of 12/31/2018, with a current address in Georgia  
 Any care  $\geq$  1 CD4 or VL in 2018  
 Retained in care  $\geq$  2 CD4 or VL at least 3 months apart in 2018  
 Viral suppression (VS) = VL < 200 copies/ml on most recent viral load in 2018

# Viral suppression among Adults and Adolescents Retained in Care, Georgia, 2014-2018



N = number retained in care

Adults and adolescents  $\geq$  age 13

Diagnosed by 12/31 of previous year, living as of 12/31 of reporting year, Georgia

Retained in care  $\geq$  2 CD4 or VL at least 3 months apart in reporting year

Viral suppression (VS) = VL < 200 copies/ml

# New HIV Diagnoses Care Continuum Methodology, Georgia, 2018

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- Adults and adolescents are those aged  $\geq 13$  years
- Diagnosed in 2018, living as of 12/31/2019,
- Address at HIV diagnosis within Georgia
- Linked to care = CD4 or viral load (VL) within 30 days of diagnosis date, including the day of diagnosis

# New HIV Diagnoses Care Continuum Methodology, Georgia, 2018, continued

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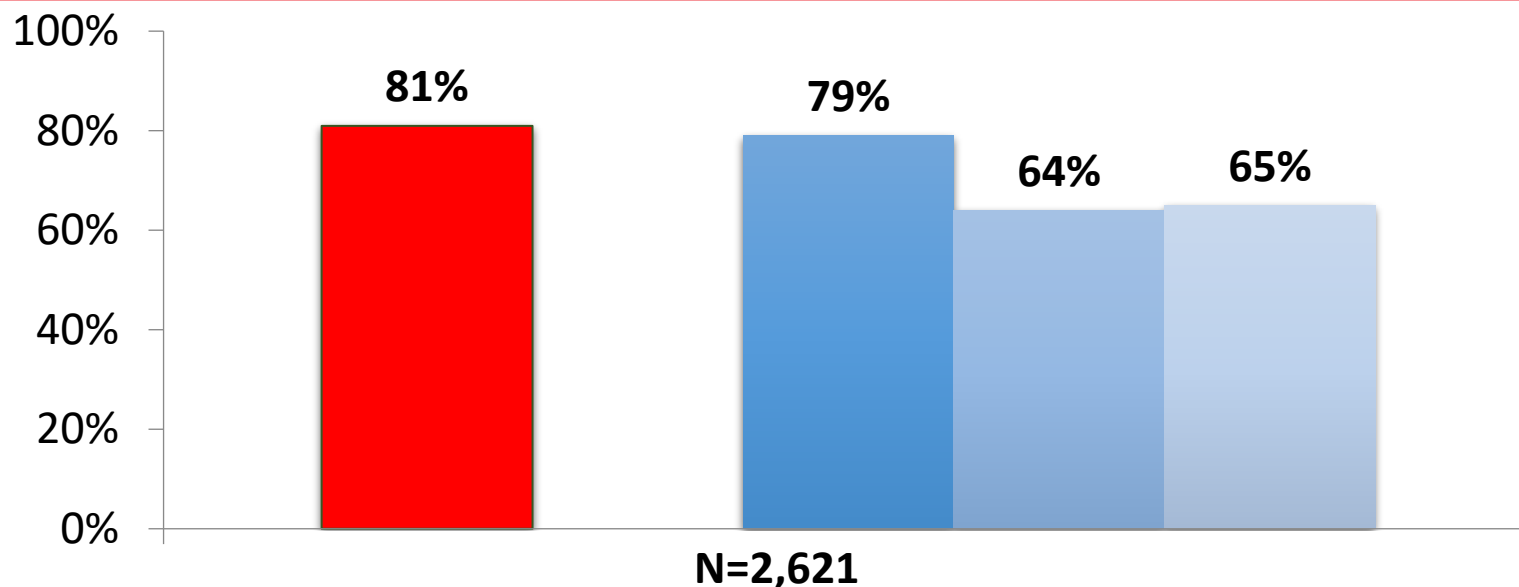
- Any care  $\geq 1$  CD4 or VL during time period spanning 30 days to 13 months after diagnosis date
- Retained in care  $\geq 2$  CD4 or VL at least 3 months apart during time period spanning 30 days to 13 months after diagnosis date
- Viral suppression (VS) = VL < 200 copies/ml in most recent VL during time period spanning 30 days to 13 months after diagnosis date
- Each bar in the continuum is independent of those preceding it; all percentages are of the total number of persons (N) diagnosed with HIV in each category

## Caveats and Clarifications

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- Missing laboratory data may result in underestimating care continuum outcomes
- The number of individuals (N) in some sub-populations is small. Use caution in interpretation
- Methodology for the care continuum and completeness of HIV data varies among jurisdictions, thus limiting direct comparisons with other states or the national care continuum

# Adults and Adolescents Newly Diagnosed with HIV, Georgia, 2018



■ Linked to care within 30 days    ■ Any care    ■ Retained in care    ■ Virally Suppressed (VS)

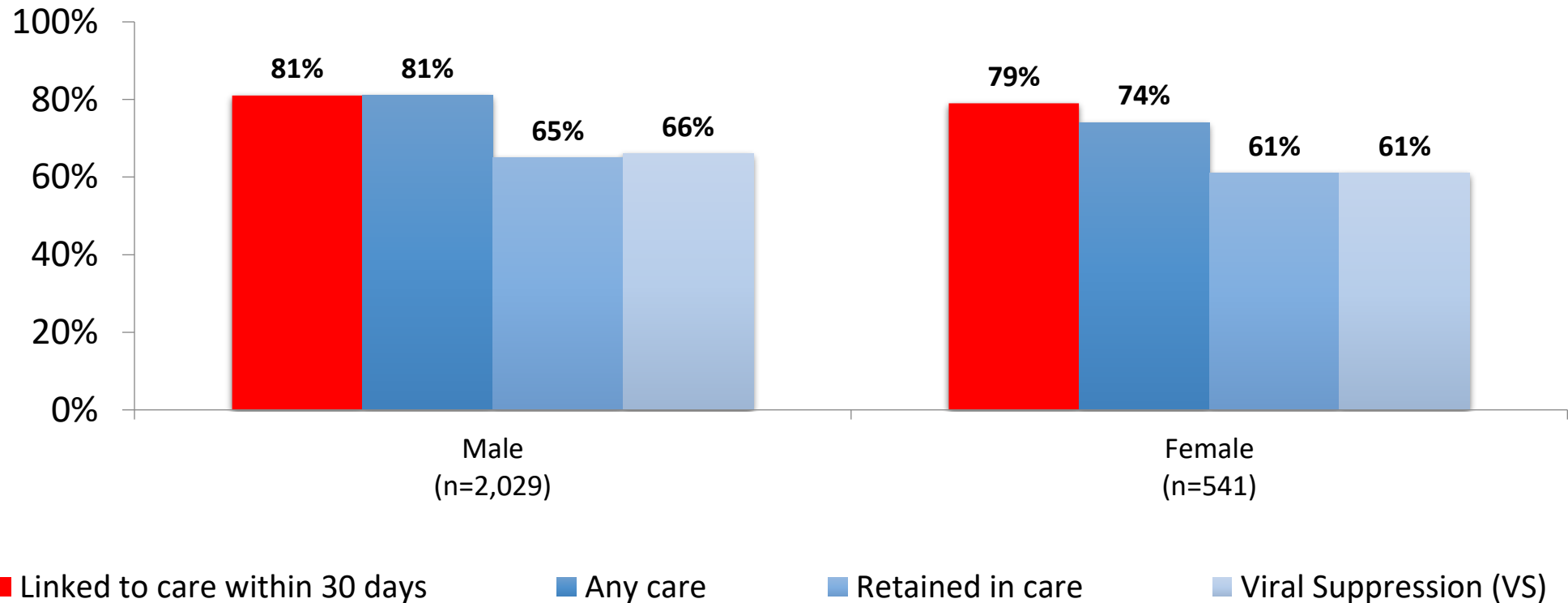
Adults and adolescents  $\geq$  age 13, diagnosed 01/01/18-12/31/18, living as of 12/31/2019

Address at HIV diagnosis Georgia

Linked to care = CD4 or VL within 30 days of diagnosis

Any care  $\geq$  1 CD4 or VL during 30 days to 13 months after diagnosis; Retained in care  $\geq$  2 CD4 or VL at least 3 months apart during 30 days to 13 months after diagnosis Viral suppression (VS) = VL < 200 copies/ml on most recent viral load during 30 days to 13 months after diagnosis

# Adults and Adolescents Newly Diagnosed with HIV, by Gender, Georgia, 2018



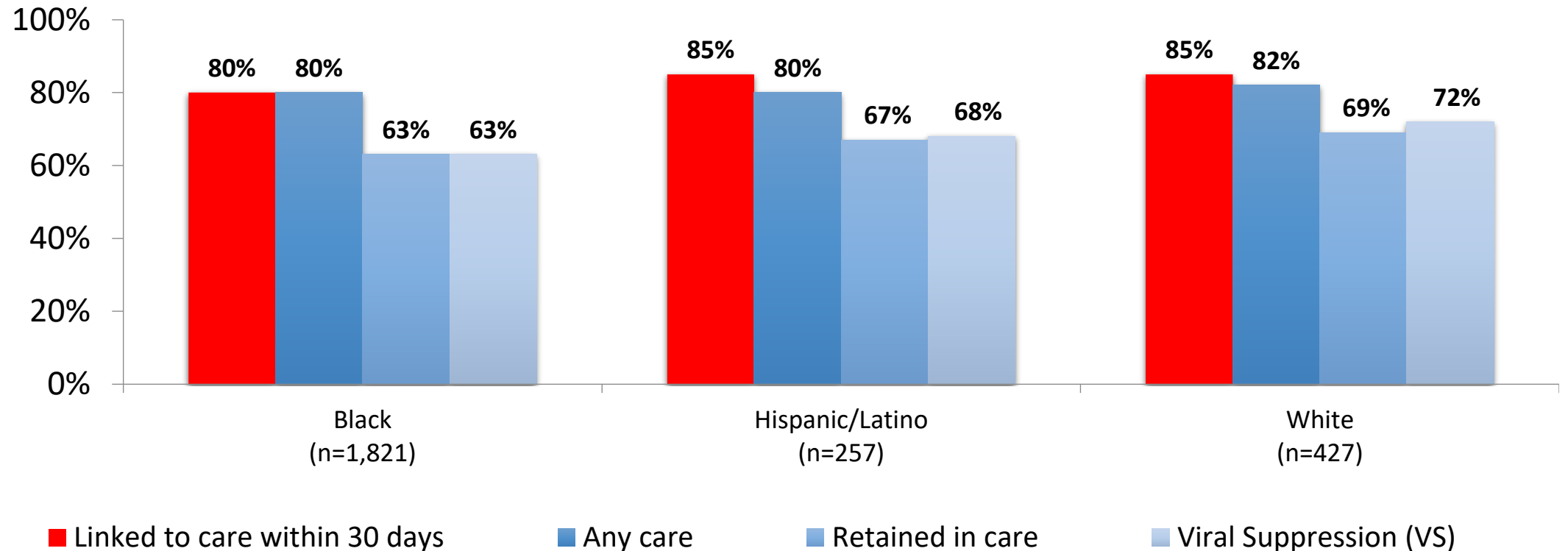
Adults and adolescents >= age 13, diagnosed 01/01/18-12/31/18, living as of 12/31/2019

Address at HIV diagnosis Georgia

Linked to care = CD4 or VL within 30 days of diagnosis

Any care >= 1 CD4 or VL during 30 days to 13 months after diagnosis; Retained in care >= 2 CD4 or VL at least 3 months apart during 30 days to 13 months after diagnosis Viral suppression (VS) = VL<200 copies/ml on most recent viral load during 30 days to 13 months after diagnosis

# Adults and Adolescents Newly Diagnosed with HIV, by Race/Ethnicity, Georgia, 2018



Adults and adolescents >= age 13, diagnosed 01/01/18-12/31/18, living as of 12/31/2019

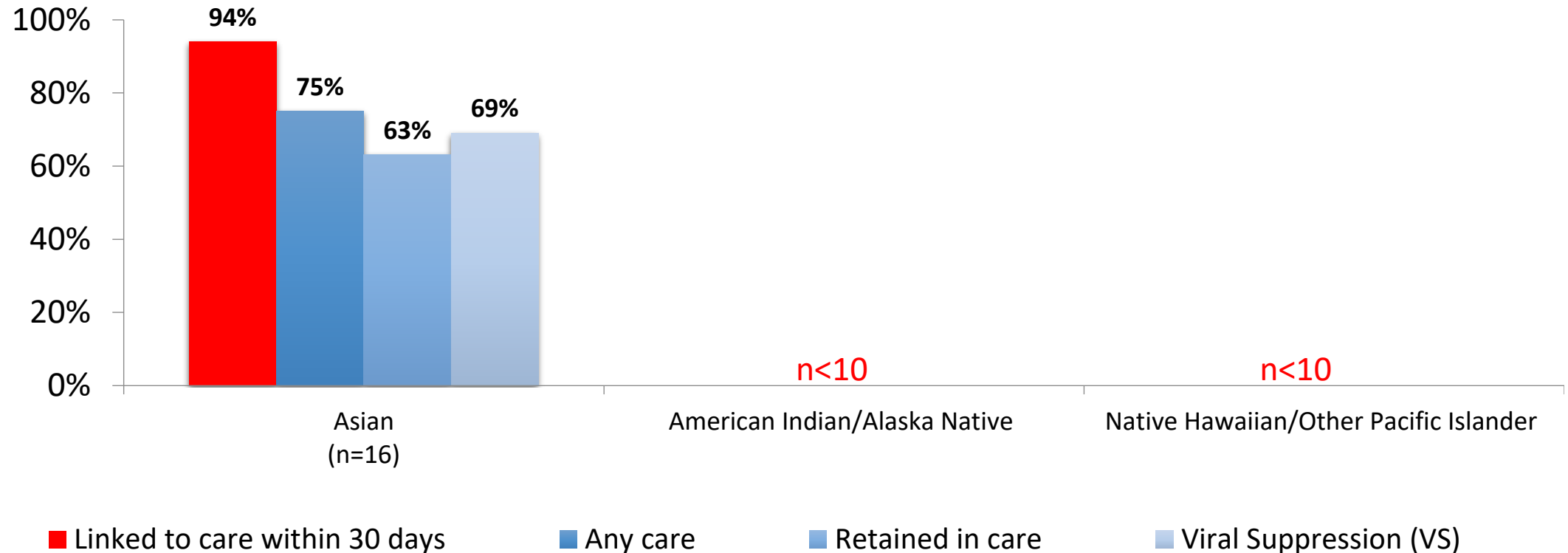
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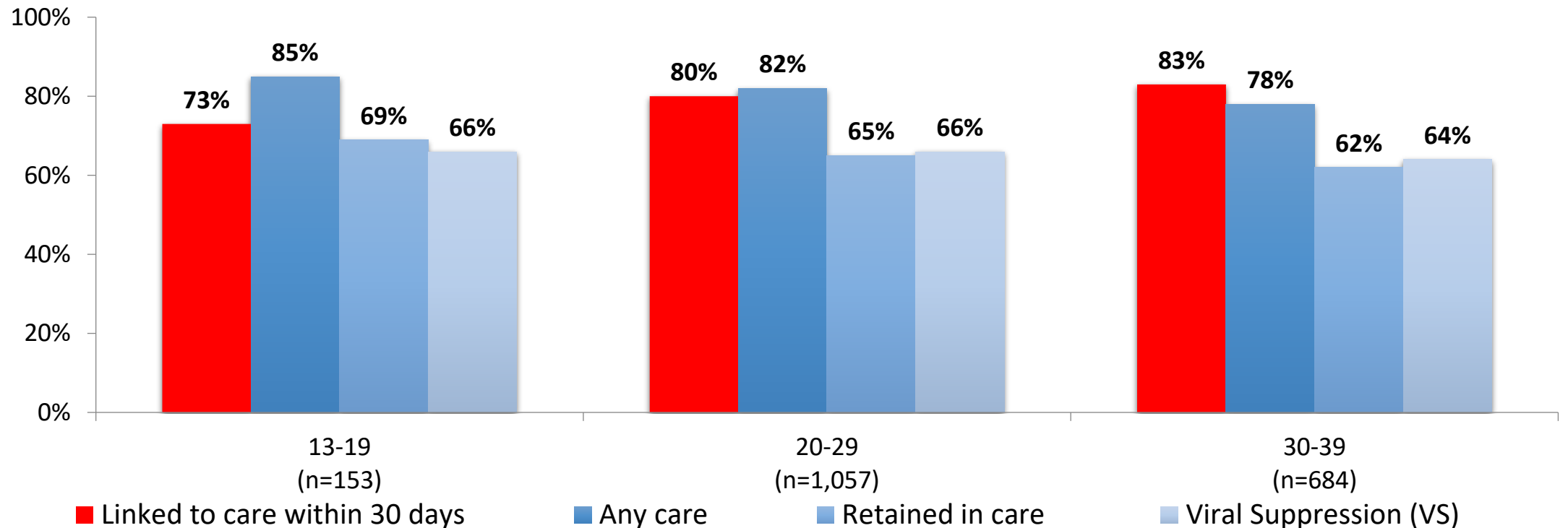
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# Adults and Adolescents Newly Diagnosed with HIV, by Current Age (in Years), Georgia, 2018



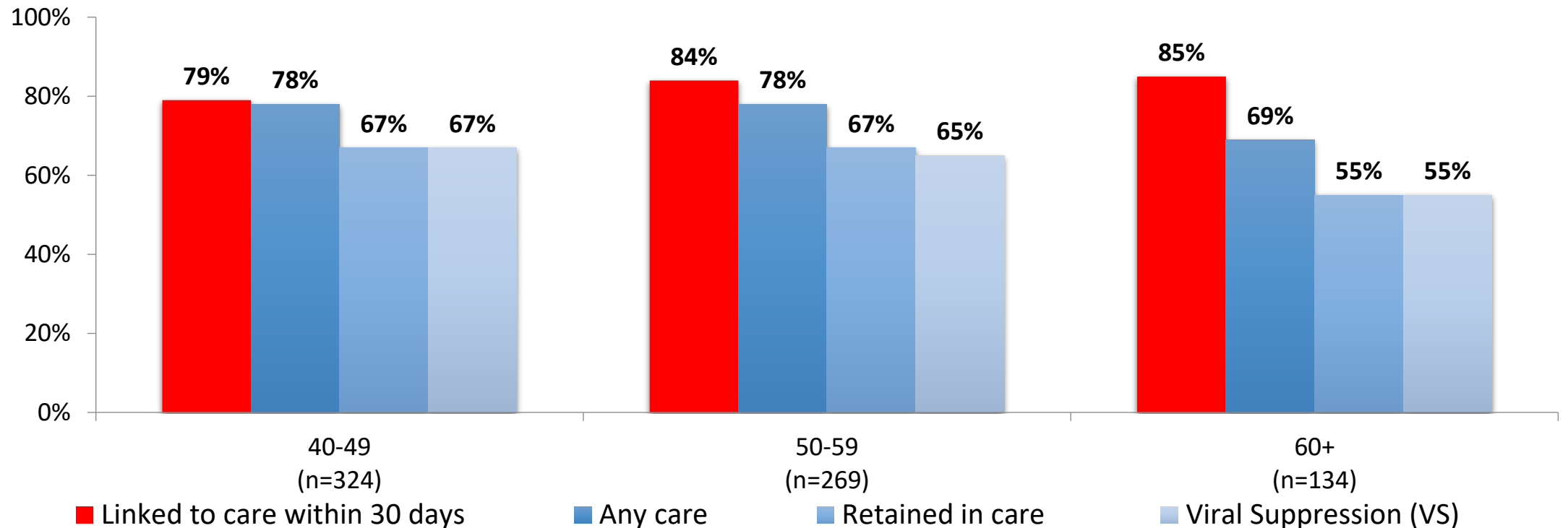
Adults and adolescents >= age 13, diagnosed 01/01/18-12/31/18, living as of 12/31/2019

Address at HIV diagnosis Georgia

Linked to care = CD4 or VL within 30 days of diagnosis

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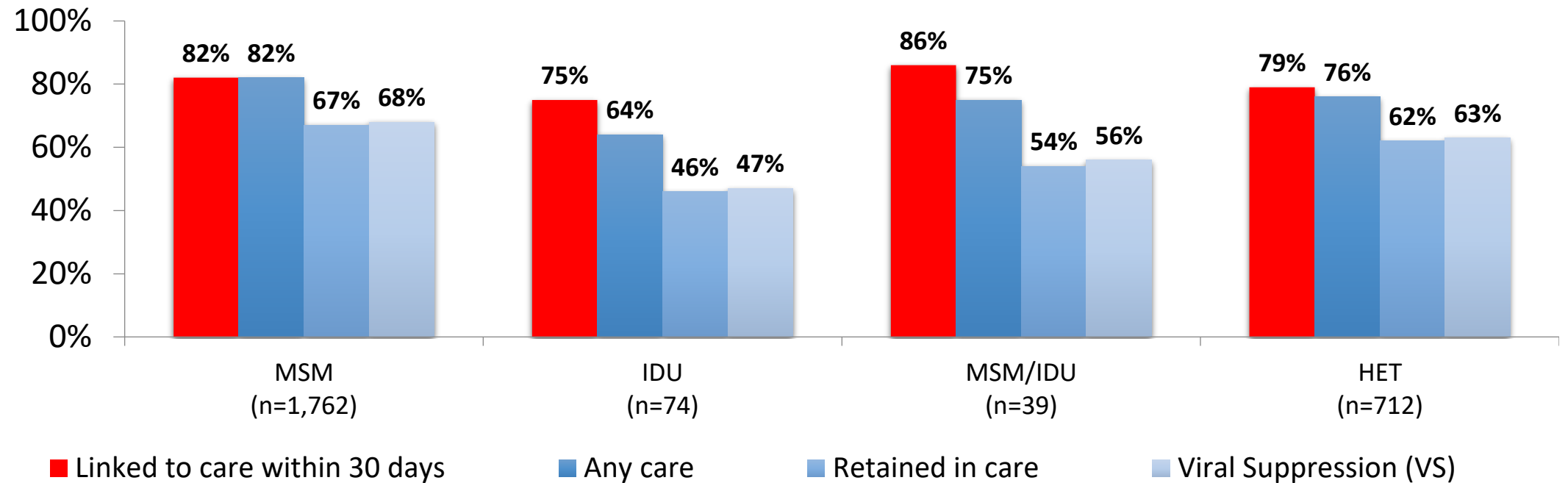
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# Adults and Adolescents Newly Diagnosed with HIV, by Transmission Category, Georgia, 2018



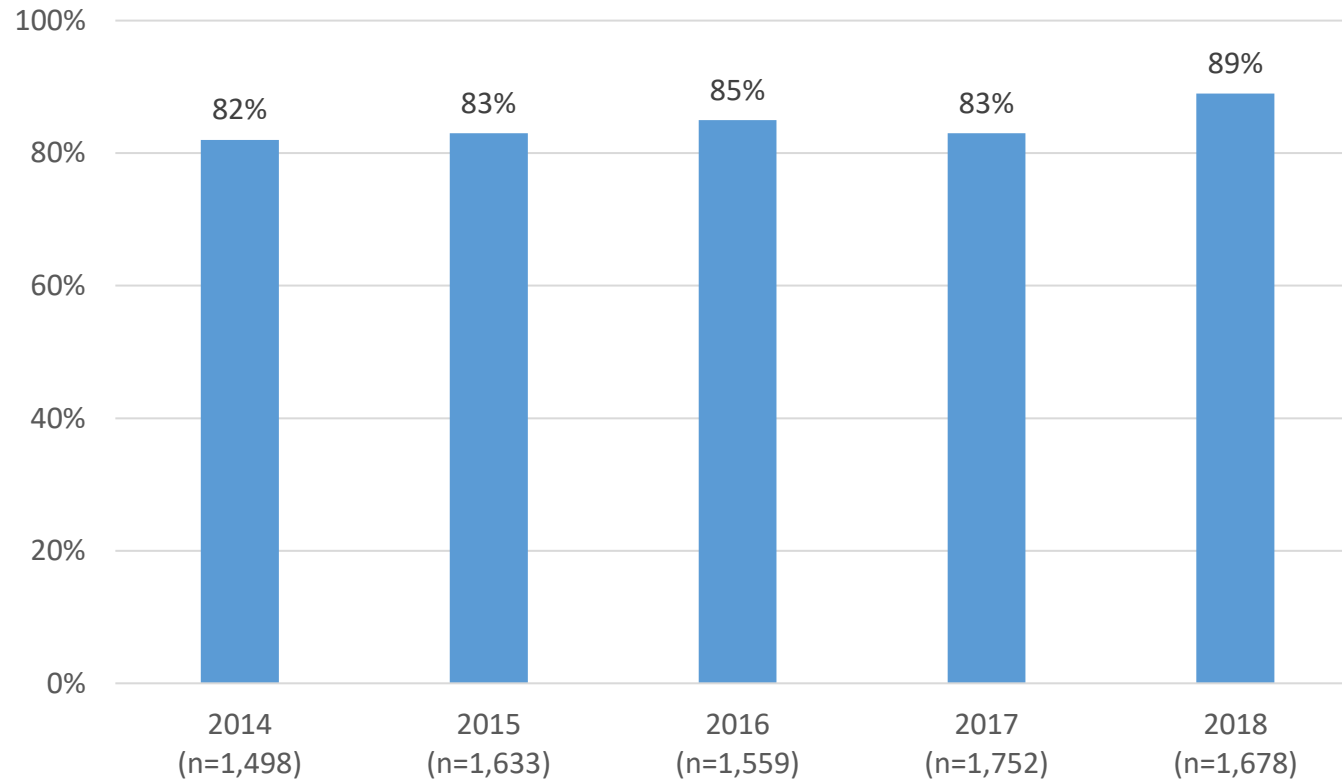
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# Viral suppression among newly diagnosed adults and adolescents retained in care, Georgia, 2014-2018



N = number retained in care

Adults and adolescents  $\geq$  age 13

Diagnosed by 12/31 of previous year, living as of 12/31 of reporting year, Georgia

Retained in care  $\geq$  2 CD4 or VL at least 3 months apart in reporting year

Viral suppression (VS) = VL < 200 copies/ml