



HIV & Oral Health: Short Talks

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Presenter & Acknowledgements

- Mark Schweizer, DDS, MPH
- No financial relationships with commercial entities to disclose
- This slide set has been peer-reviewed to ensure that there are no conflicts of interest represented in the presentation

Learning Objectives

By the end of this session, the learner will be able to:

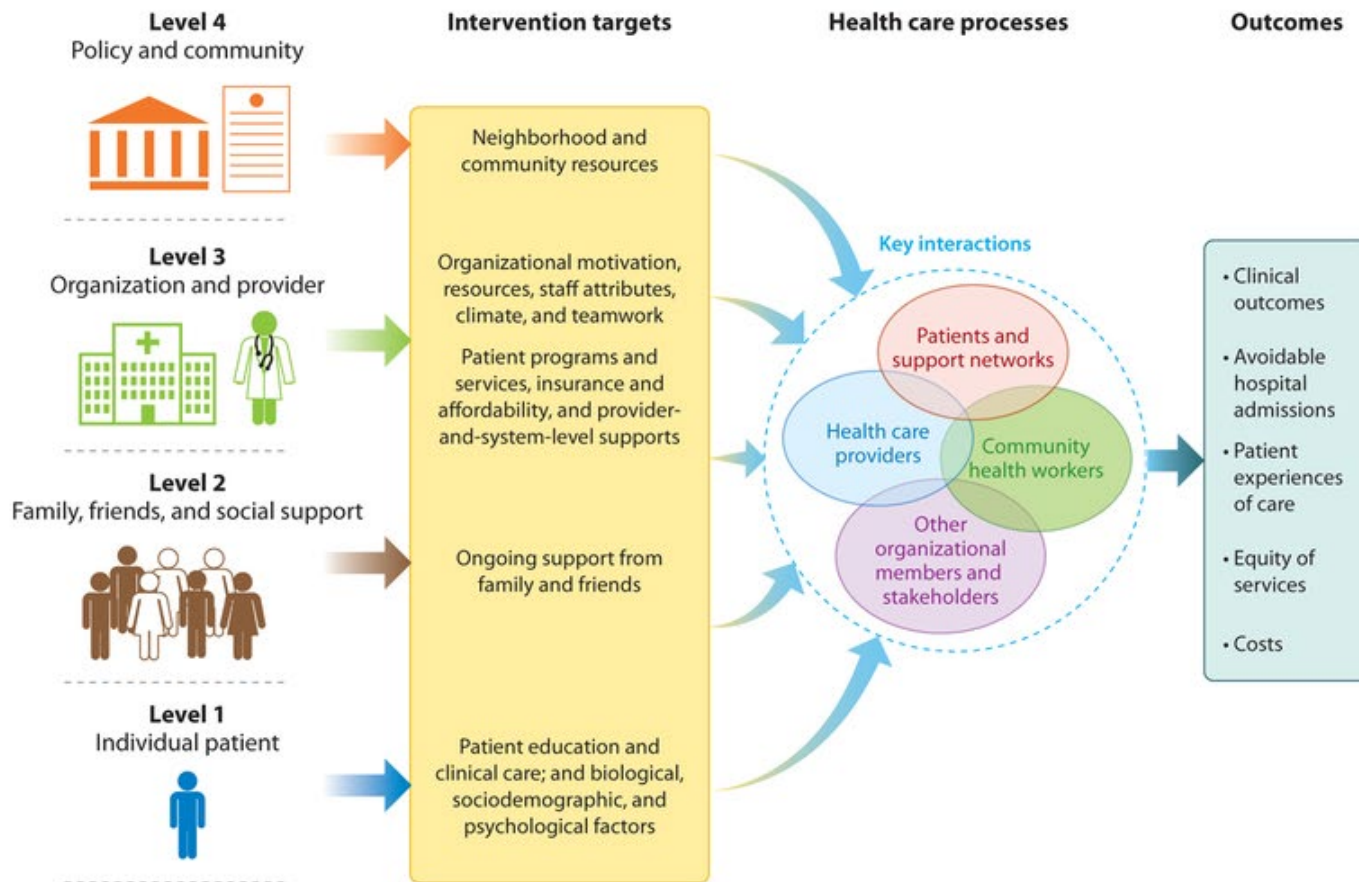
- Discuss access to oral health care and the effects on populations.
- Define Interprofessional Practice.
- Discuss the HIV Care Continuum.
- Relate HIV outcomes to Oral Health Care

Why Oral Health and HIV

- Less than one half of the population gains access to the oral health care system
- Major Oral Health Problems include dental caries, Periodontal Disease and Oral Cancer

Oral Health Care Access

- Oral Manifestations of HIV Infection
- Oral Health Inequities
- Barriers to Care



This conceptual model, factors that influence disparities in access to care and quality of health care services, by level, was created from the analysis of findings from systematic reviews of cardiovascular disease and cancer disparities (115). Figure adapted from Reference 115 with permission.

Interprofessional Practice

Recommendations for an Interprofessional Practice Model

1. Apply oral health core clinical competencies within primary care practices to increase oral health care access for safety net populations in the United States.
2. Develop infrastructure that is interoperable and accessible across clinical settings and enhances adoption of the oral health core clinical competencies. The defined, essential elements of the oral health core clinical competencies should be used to inform decision making and measure health outcomes.
3. Modify payment policies to efficiently address the costs of implementing oral health competencies and provide incentives to health care systems and practitioners.
4. Execute programs to develop and evaluate implementation strategies of the oral health core clinical competencies into primary care practice.

HIV Care Continuum Definitions

- **Total Clients:**

Clients who are HIV+ and received at least one service from the selected service category(s) in the reporting period.

- **Ever in Care:**

HIV+ clients who ever had a medical care service documented.

- **In Care:**

HIV+ clients who had a medical care service within the reporting period.

**Medical Care Service: Documented viral load or CD4 lab, medical visit, prescription filled and paid by Ryan White, or payment requests for co-pays made by HICP.*

HIV Care Continuum Definitions - Continued

- **Retained in Care:**

HIV+ clients who had two or more medical care services at least three months apart in the reporting period.

- **Prescribed Antiretroviral Drugs (ARV):**

HIV+ clients who have a documented ARV at any time during the reporting period within HIV history records.

- **Virally Suppressed:**

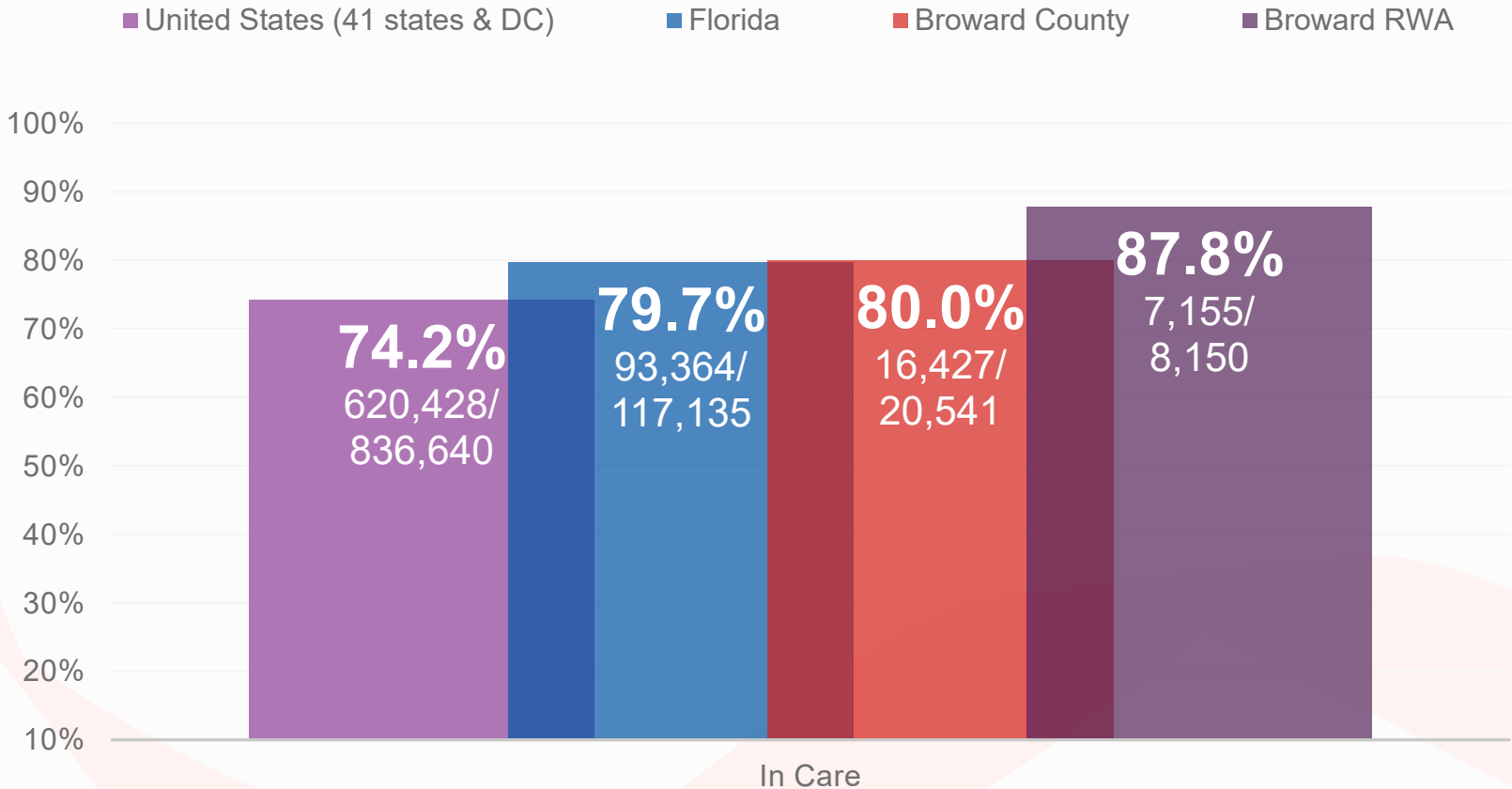
HIV+ clients with most recent viral load less than 200 copies/mL, as of end of the reporting period.

**Medical Care Service: Documented viral load or CD4 lab, medical visit, prescription filled and paid by Ryan White, or payment requests for co-pays made by HICP.*

In Care, Retained in Care and Virally Suppressed Statistics

US, FLORIDA, BROWARD COUNTY, & BROWARD PART A HIV CARE CONTINUUM

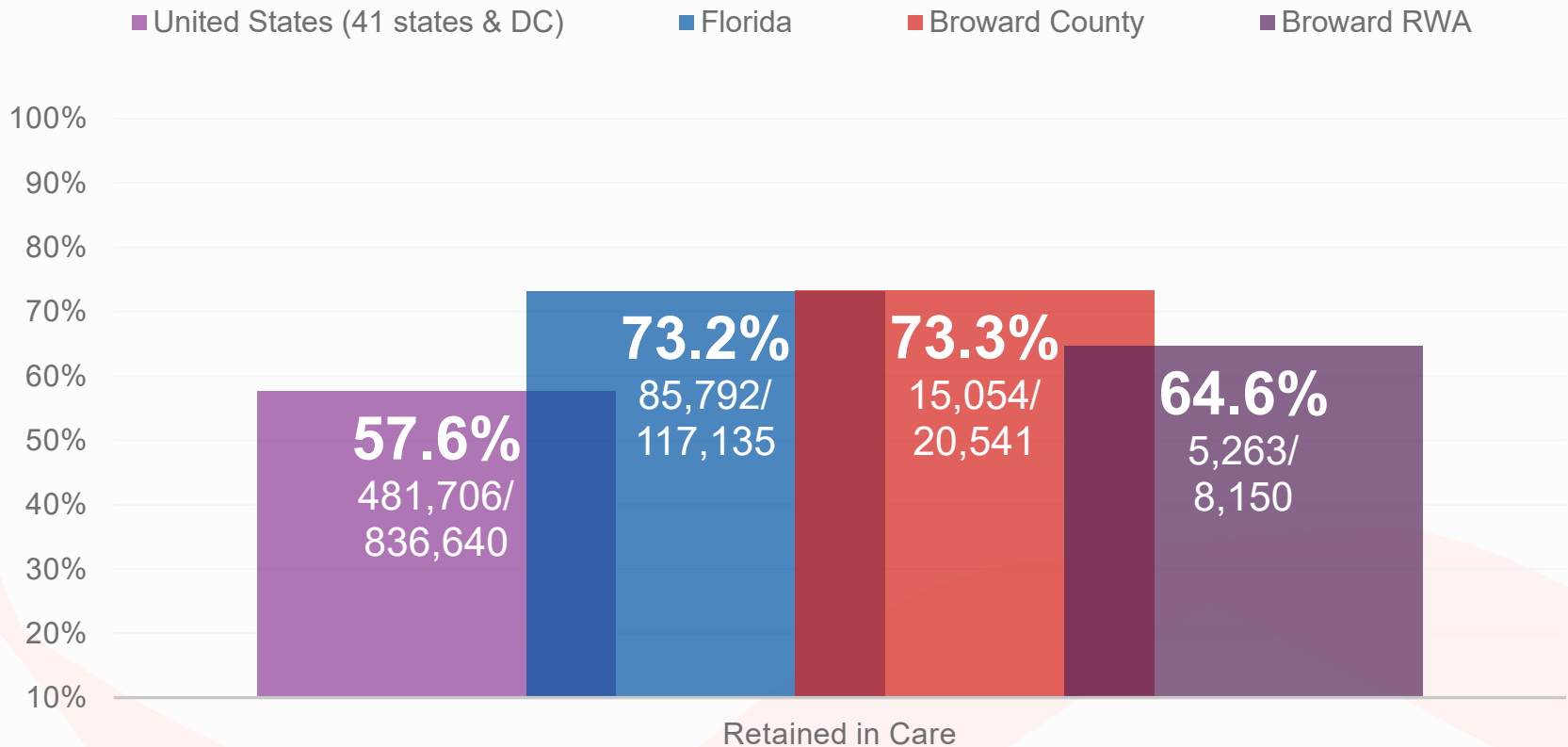
In Care



Data Sources: Broward County, FL-HIV EPIDEMIOLOGICAL PROFILE, EMA 0010, Continuum of HIV Care, 2020; Broward EMA HIV Continuum of Care Report (3/1/2020-2/28/2021); CDC. Monitoring selected national HIV prevention and care objectives by using HIV surveillance data—United States and 6 dependent areas, 2019;24(No. 3).

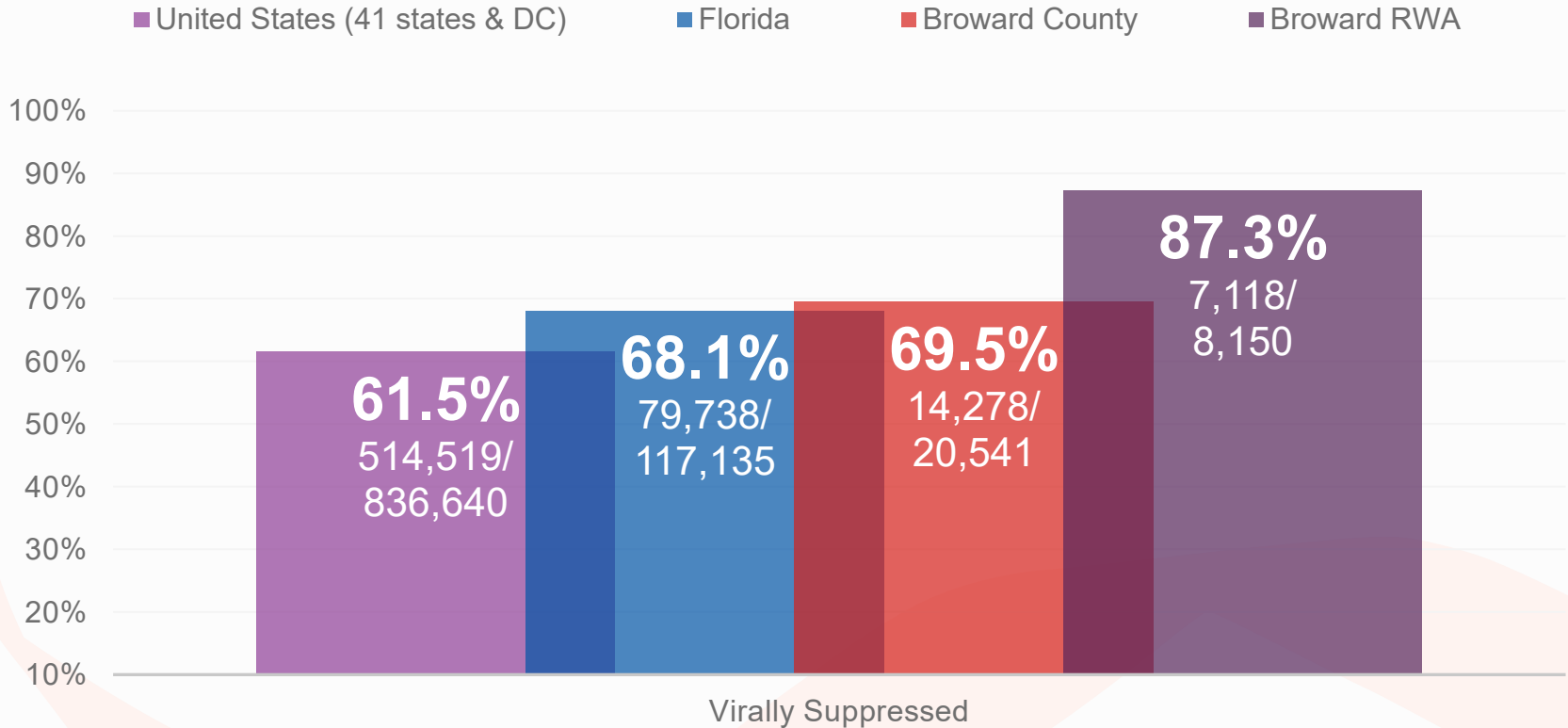
Technical Notes: Data reported for Broward County, FL for CY2020 (1/1/2020 through 3/31/2021 as of 6/31/2021). Broward EMA data is for FY2020 (3/1/2020-2/28/2021), CDC Data only recent as of 2016.

Retained in Care



Data Sources: Broward County, FL-HIV EPIDEMIOLOGICAL PROFILE, EMA 0010, Continuum of HIV Care, 2020; Broward EMA HIV Continuum of Care Report (3/1/2020-2/28/2021); CDC. Monitoring selected national HIV prevention and care objectives by using HIV surveillance data—United States and 6 dependent areas, 2019;24(No. 3).
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Virally Suppressed



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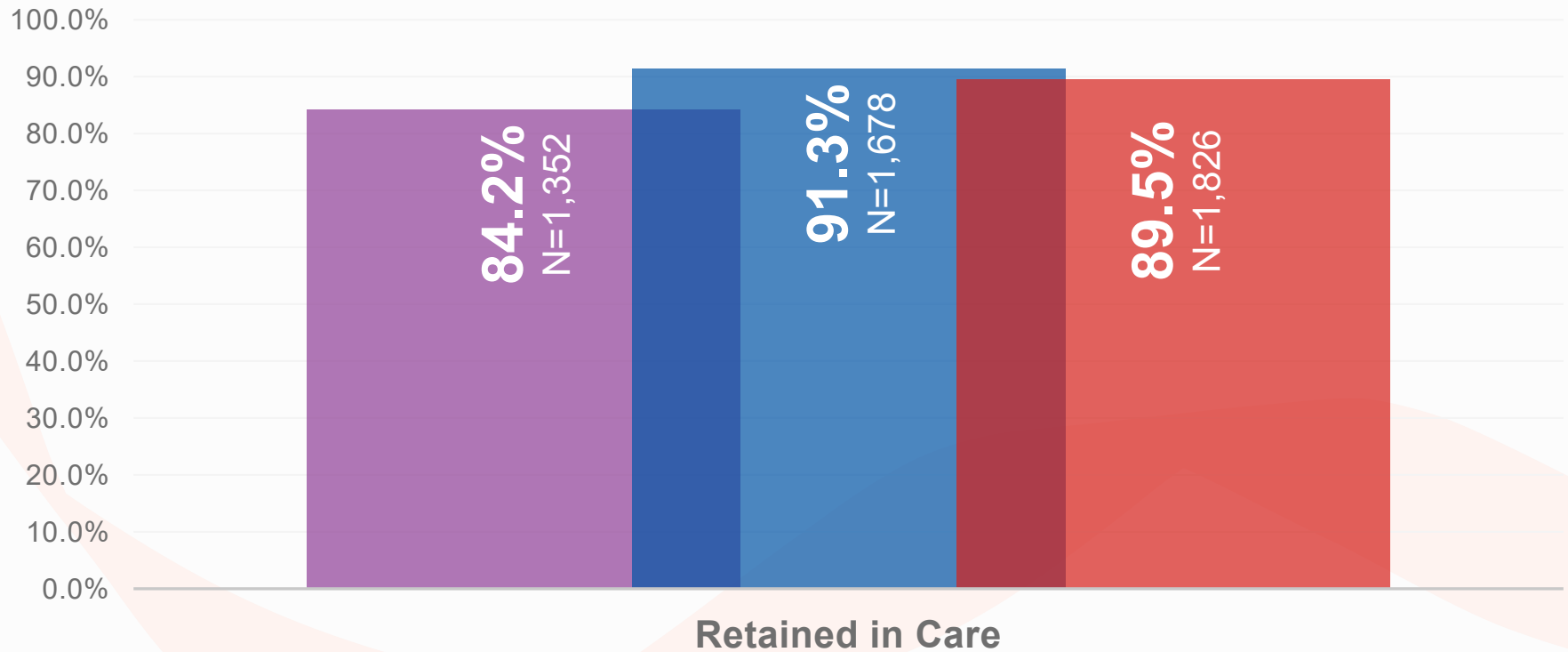
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FY 2020, FY 2021-Q2, FY 2021-Q3

ORAL HEALTH HIV CARE CONTINUUM

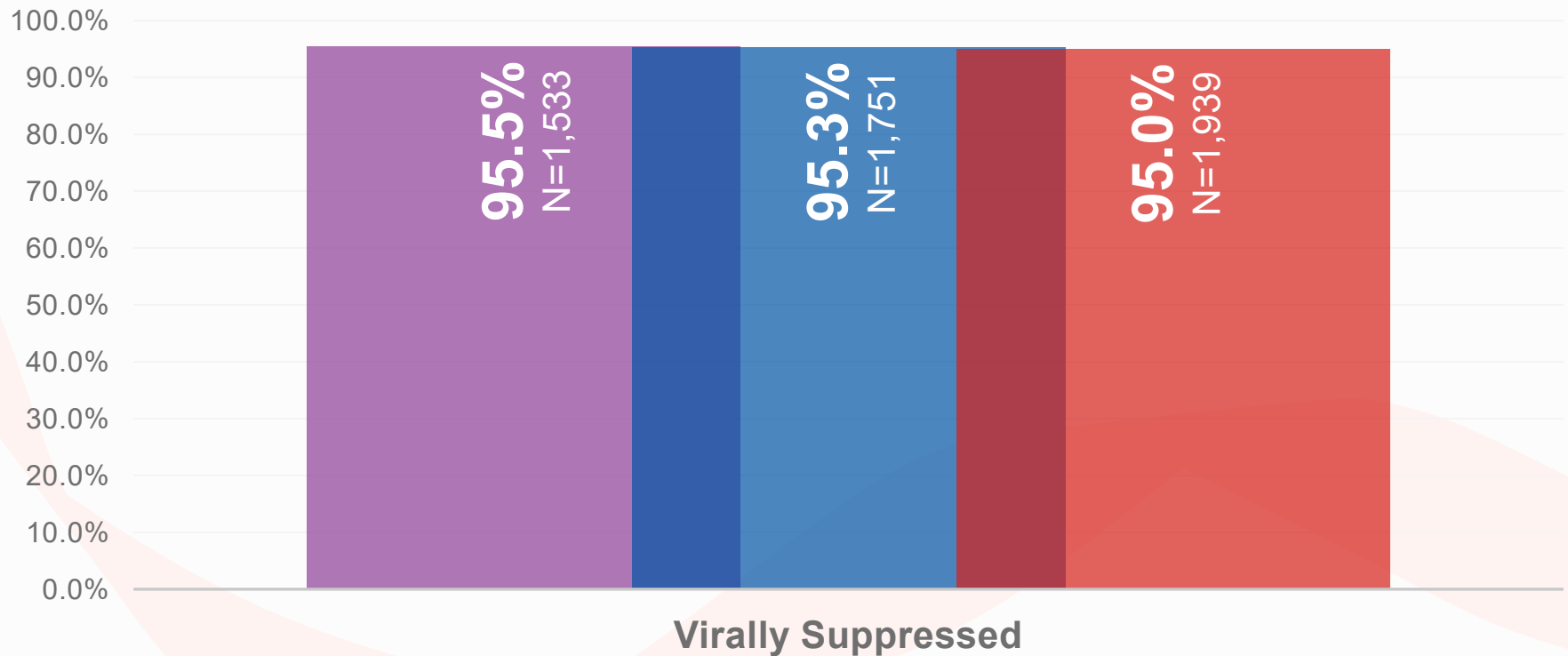
Retained in Care

■ FY 2020 ■ FY 2021 - Q2 ■ FY 2021 - Q3



Virally Suppressed

FY 2020 FY 2021 - Q2 FY 2021 - Q3

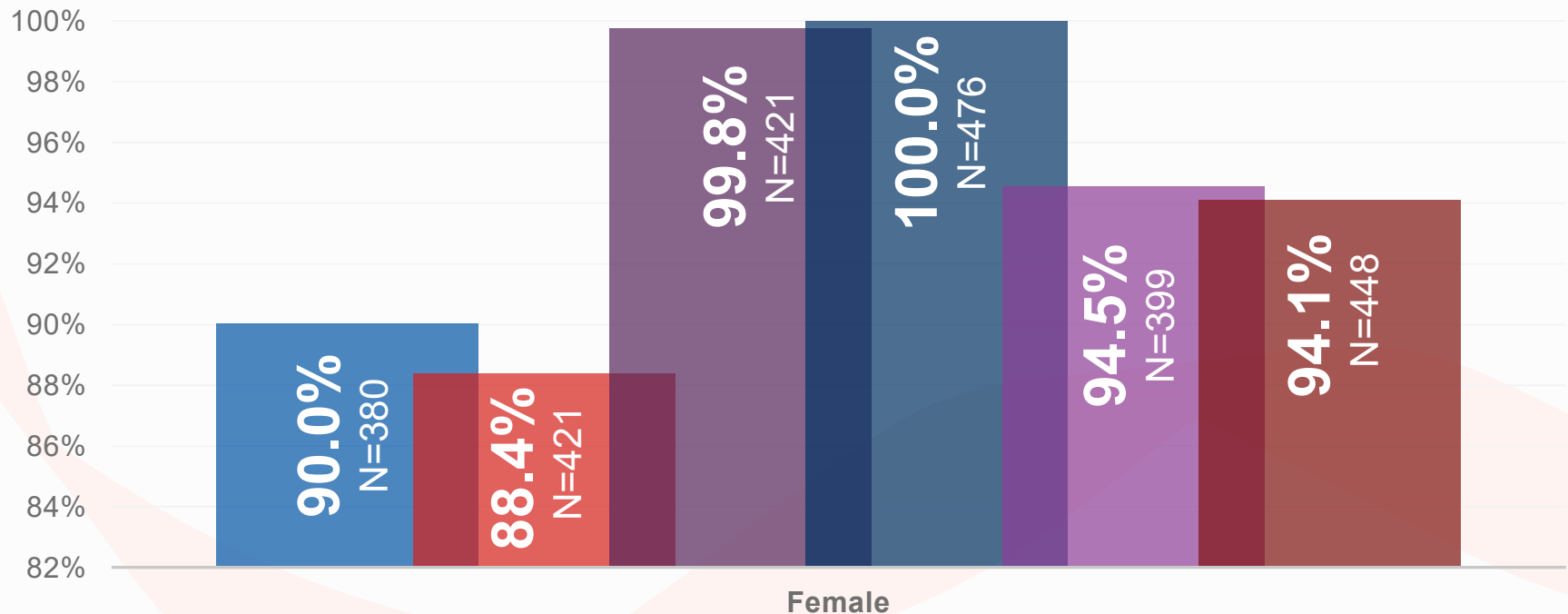


Retention in Care and Viral Suppression by Gender

ORAL HEALTH HIV CARE CONTINUUM

Oral Health HIV Care Continuum: Female

- FY 21 - Q2 RIC
- FY 21 - Q3 RIC
- FY 21 - Q2 Prescribed ARV
- FY 21 - Q3 Prescribed ARV
- FY 21 - Q2 VS
- FY 21 - Q3 VS

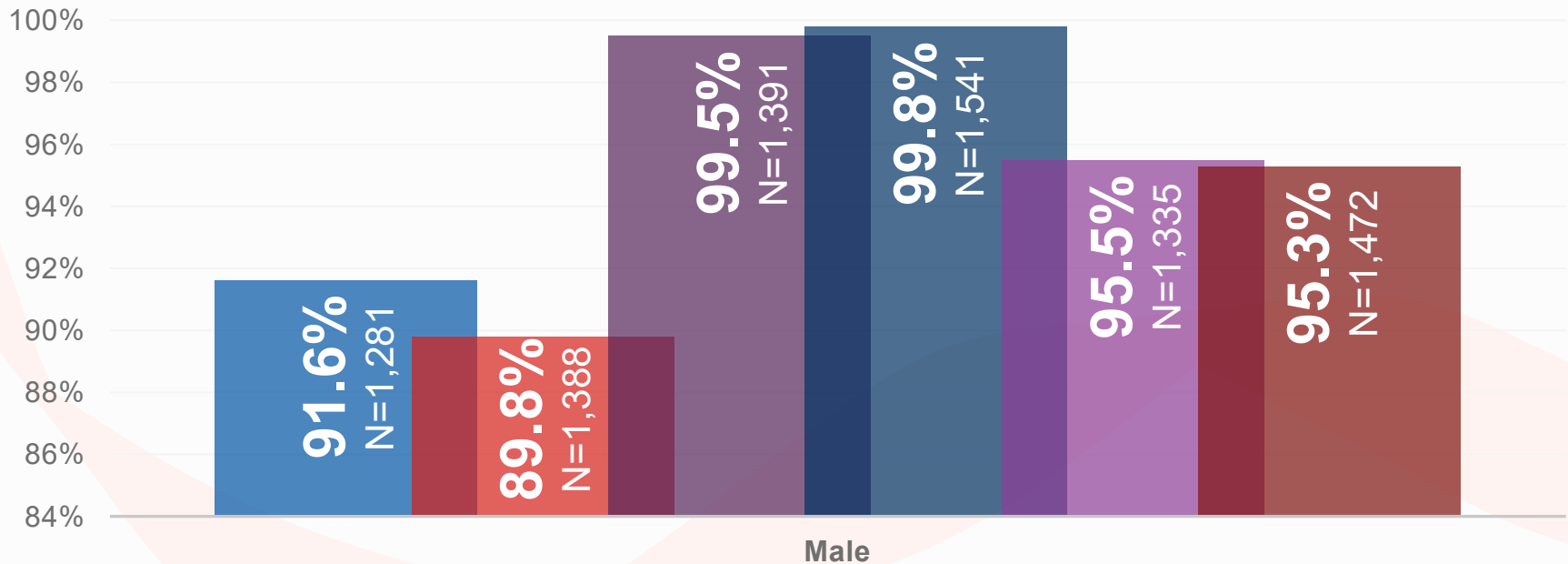


Female

Total Clients: FY 2021 – Q2: Female = 422, Male = 1,398, Transgender = 15; FY 2021 – Q3: Female = 476, Male = 1,544, Transgender = 18
Data Source: Broward County Ryan White Part A Care Continuum Provide Enterprise Report: 6/1/2021 – 8/31/2021 & 9/1/2021 – 11/30/2021

Oral Health HIV Care Continuum: Male

- FY 21 - Q2 RIC
- FY 21 - Q3 RIC
- FY 21 - Q2 Prescribed ARV
- FY 21 - Q3 Prescribed ARV
- FY 21 - Q2 VS
- FY 21 - Q3 VS



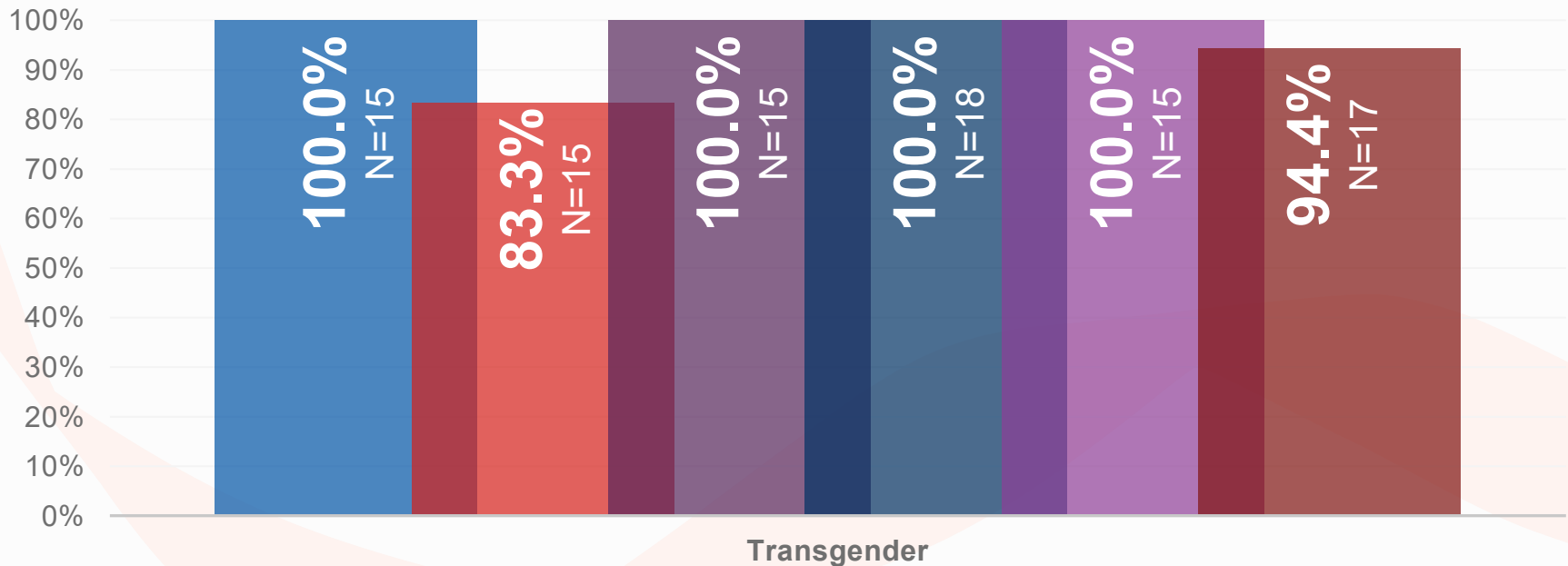
Male

Total Clients: FY 2021 – Q2: Female = 422, Male = 1,398, Transgender = 15; FY 2021 – Q3: Female = 476, Male = 1,544, Transgender = 18

Data Source: Broward County Ryan White Part A Care Continuum Provide Enterprise Report: 6/1/2021 – 8/31/2021 & 9/1/2021 – 11/30/2021

Oral Health HIV Care Continuum: Transgender

- FY 21 - Q2 RIC
- FY 21 - Q3 RIC
- FY 21 - Q2 Prescribed ARV
- FY 21 - Q3 Prescribed ARV
- FY 21 - Q2 VS
- FY 21 - Q3 VS



Transgender

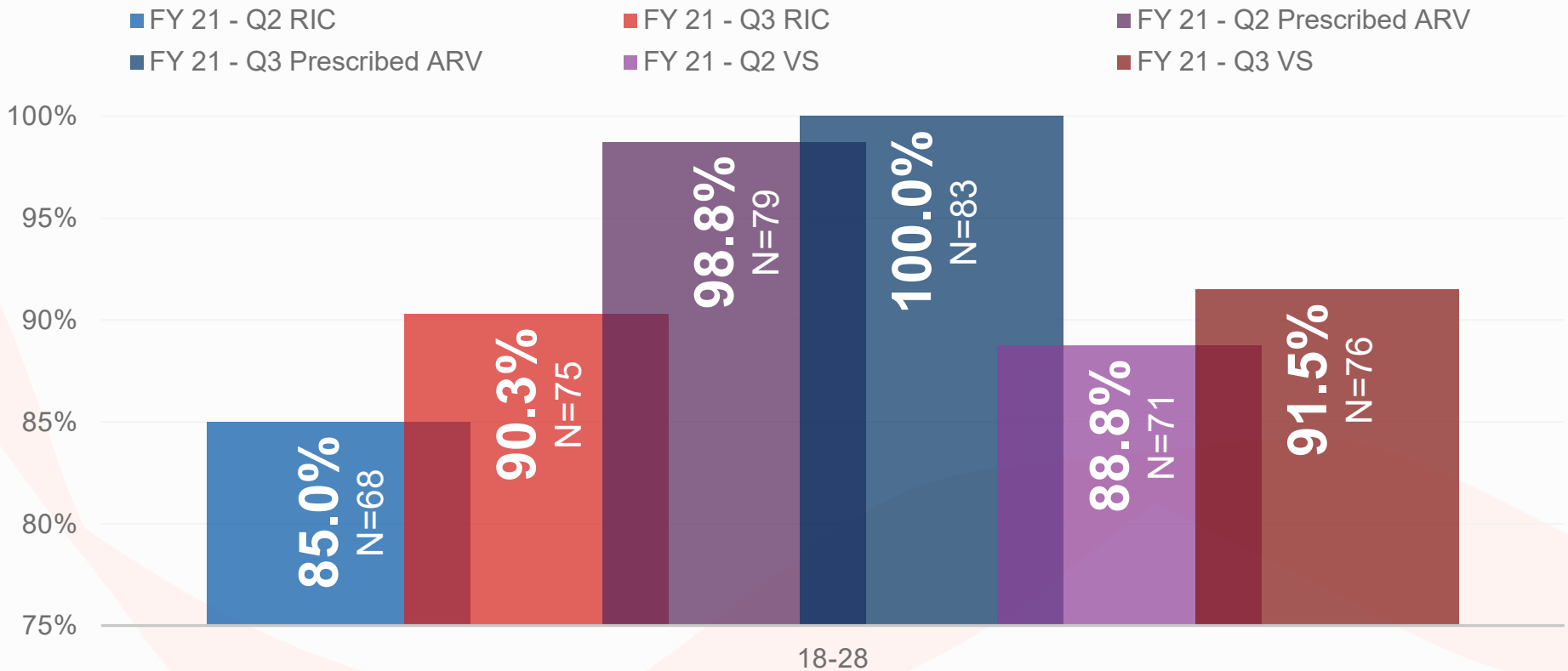
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Retention in Care and Viral Suppression by Age

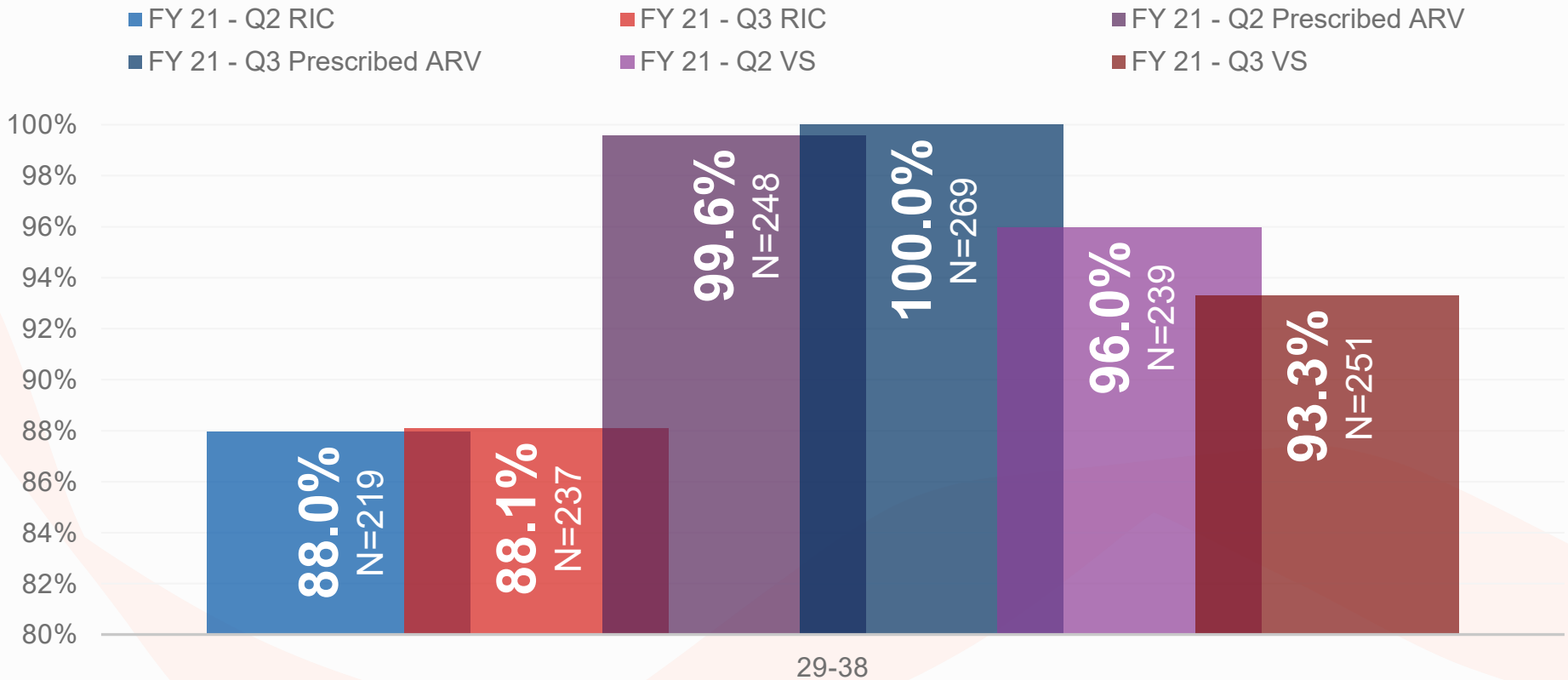
ORAL HEALTH HIV CARE CONTINUUM

Oral Health HIV Care Continuum: 18-28



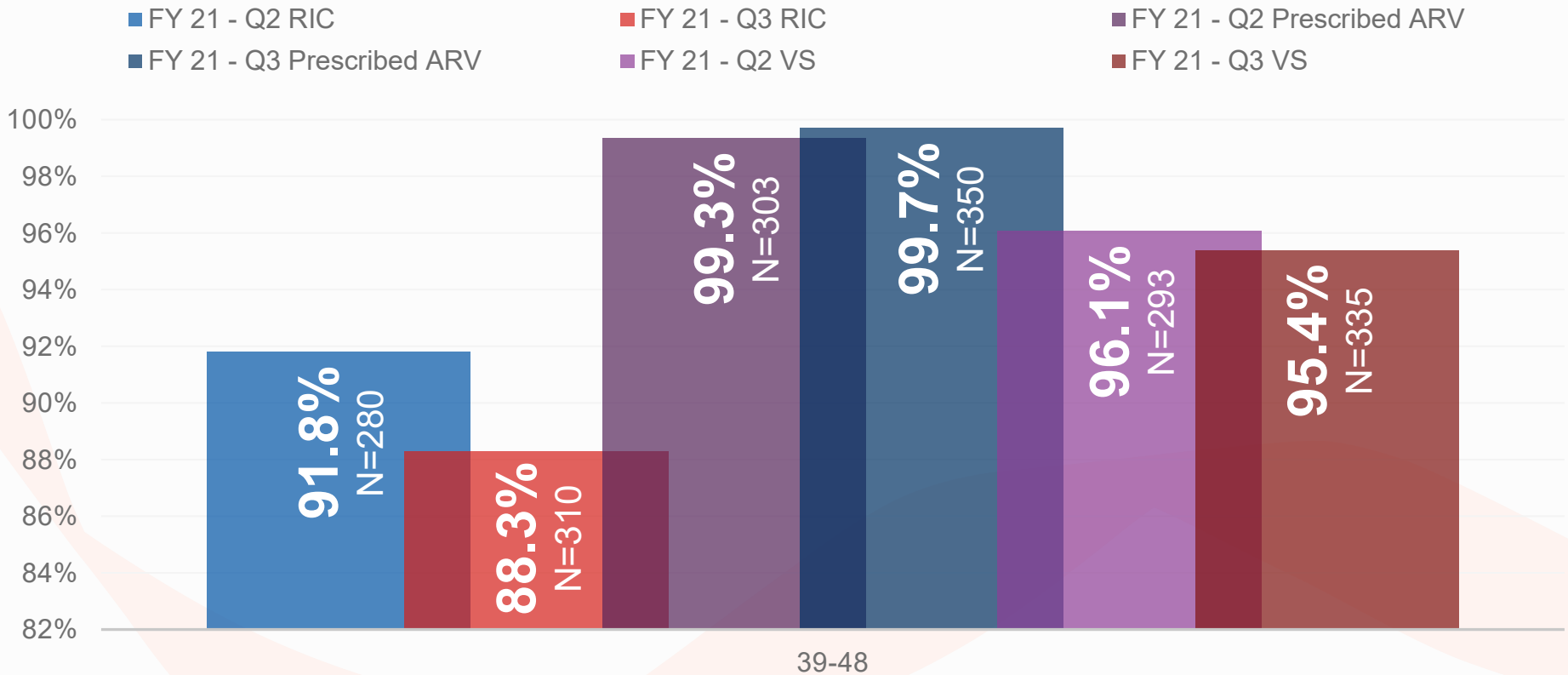
Total Clients: FY 2021 – Q2: 18-28 = 80, 29-38 = 249, 39-48 = 305, 49-58 = 614, 59+ = 588, FY 2021 – Q3: 18-28 = 83, 29-38 = 269, 39-48 = 351, 49-58 = 661, 59+ = 675
Data Source: Broward County Ryan White Part A Care Continuum Provide Enterprise Report: 6/1/2021 – 8/31/2021 & 9/1/2021 – 11/30/2021

Oral Health HIV Care Continuum: 29-38



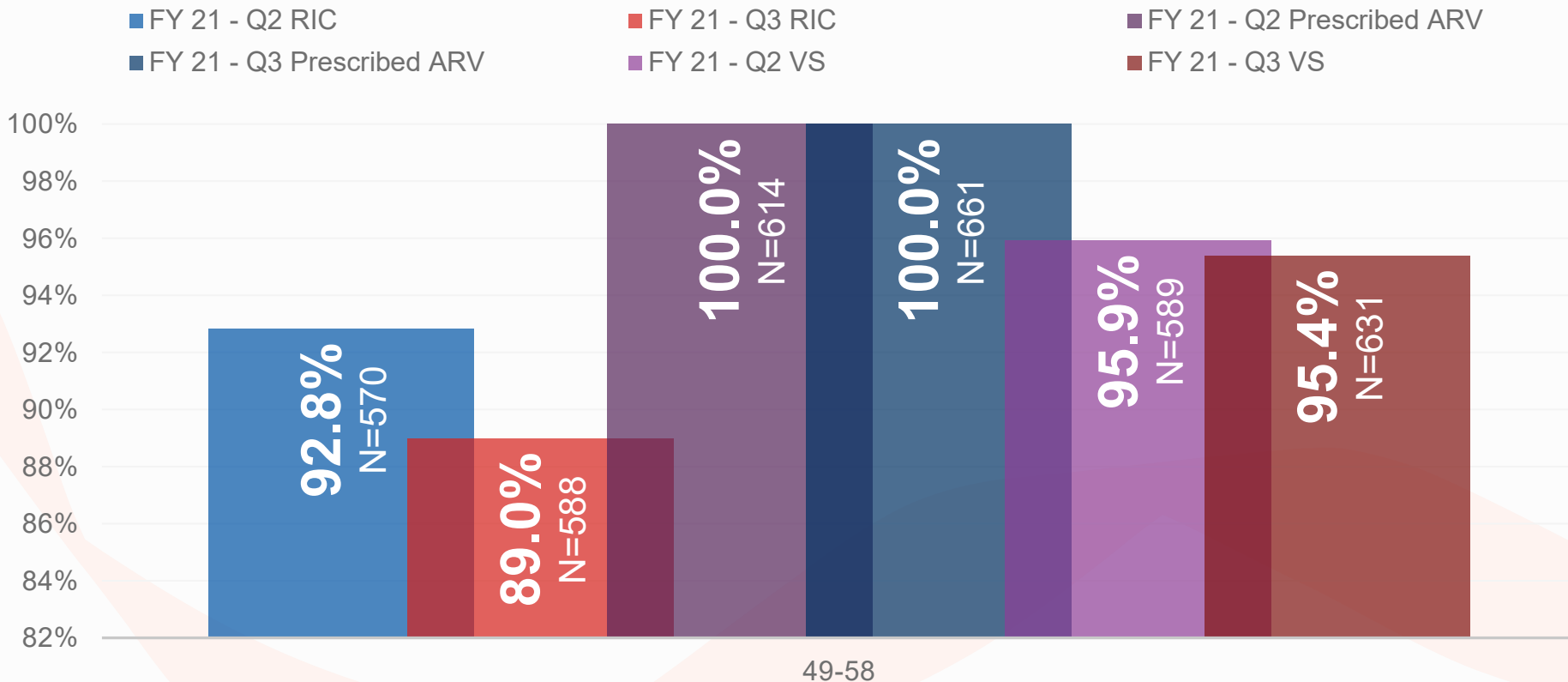
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Data Source: Broward County Ryan White Part A Care Continuum Provide Enterprise Report: 6/1/2021 – 8/31/2021 & 9/1/2021 – 11/30/2021

Oral Health HIV Care Continuum: 39-48



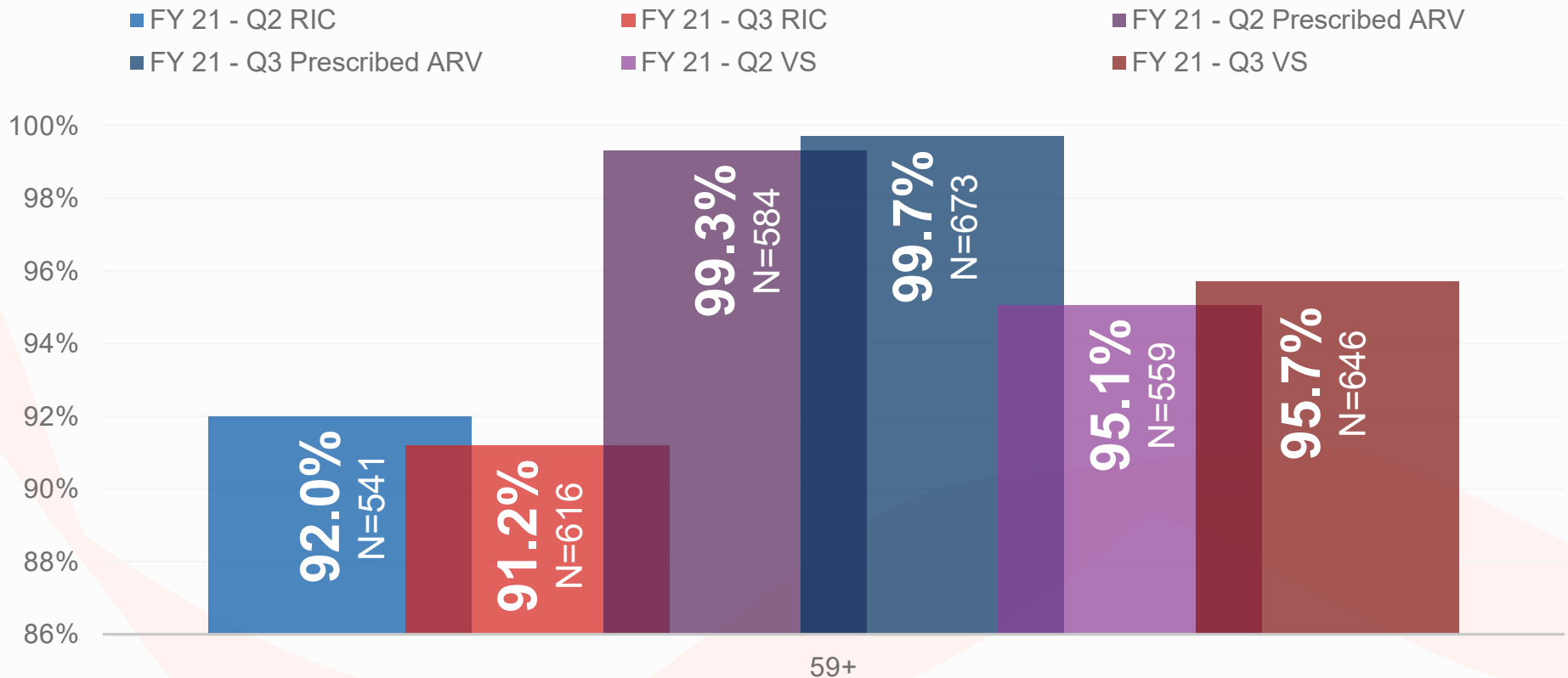
Total Clients: FY 2021 – Q2: 18-28 = 80, 29-38 = 249, 39-48 = 305, 49-58 = 614, 59+ = 588, FY 2021 – Q3: 18-28 = 83, 29-38 = 269, 39-48 = 351, 49-58 = 661, 59+ = 675
Data Source: Broward County Ryan White Part A Care Continuum Provide Enterprise Report: 6/1/2021 – 8/31/2021 & 9/1/2021 – 11/30/2021

Oral Health HIV Care Continuum: 49-58



Total Clients: FY 2021 – Q2: 18-28 = 80, 29-38 = 249, 39-48 = 305, 49-58 = 614, 59+ = 588, FY 2021 – Q3: 18-28 = 83, 29-38 = 269, 39-48 = 351, 49-58 = 661, 59+ = 675
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Oral Health HIV Care Continuum: 59+

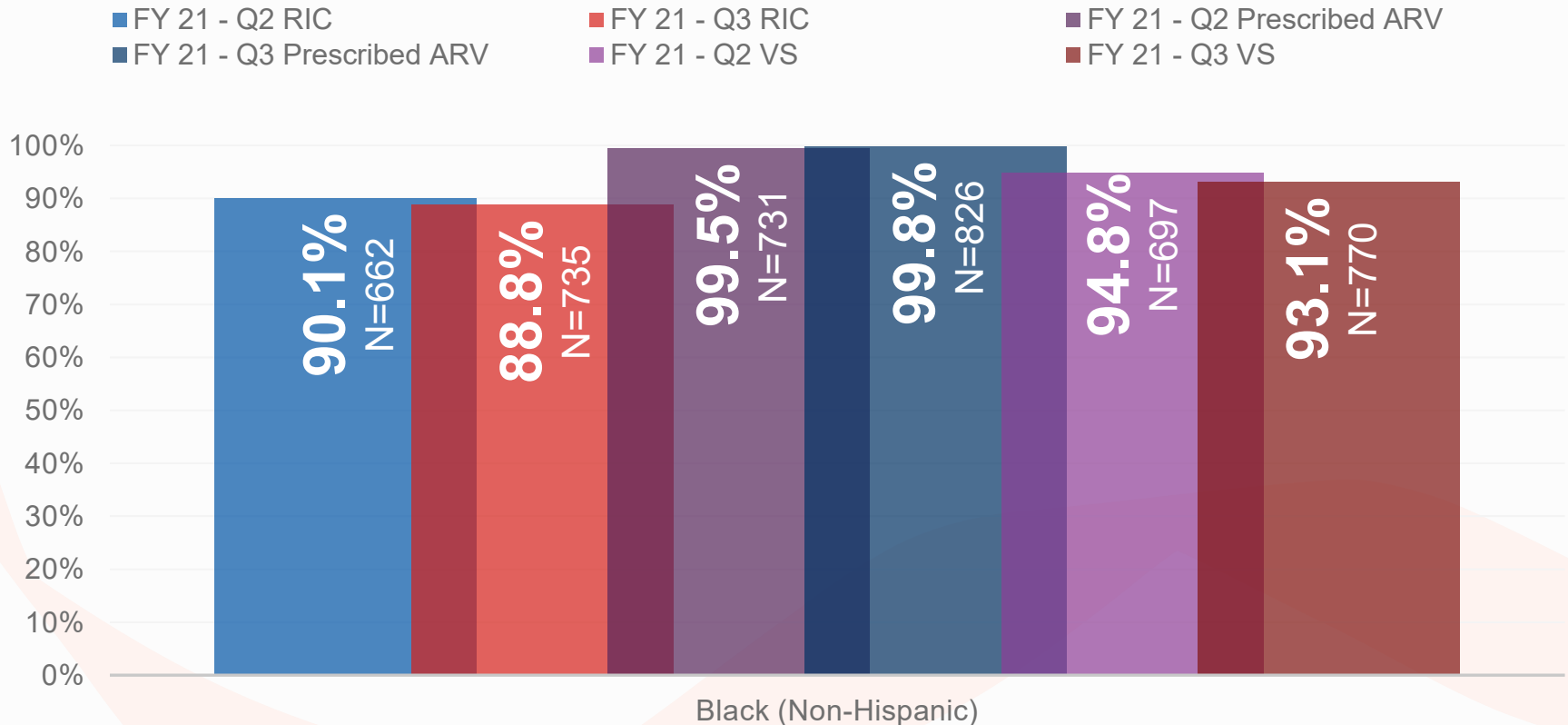


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Retention in Care and Viral Suppression by Race/Ethnicity

ORAL HEALTH HIV CARE CONTINUUM

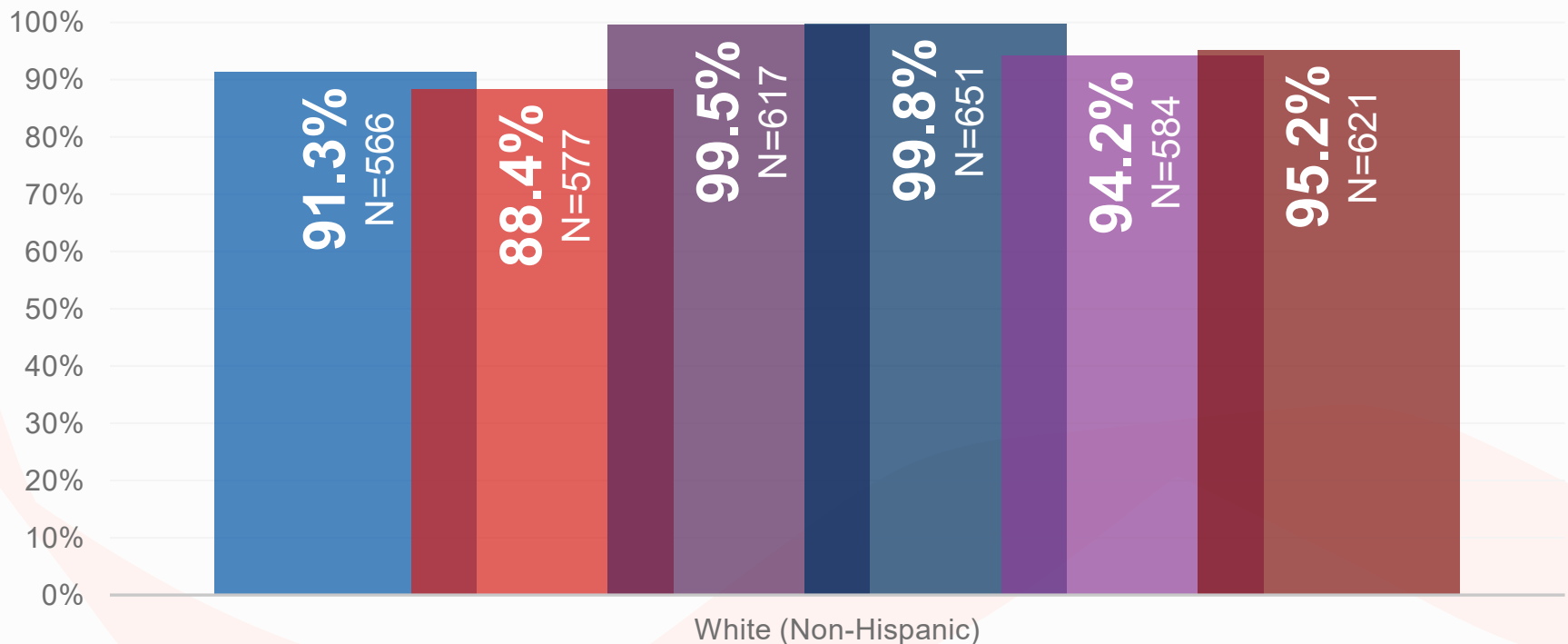
Oral Health HIV Care Continuum: Black (Non-Hispanic)



Total Clients: FY 2021 – Q2: Black = 735, White = 620, Hispanic = 453; FY 2021 – Q3: Black = 827, White = 652, Hispanic = 527
Data Source: Broward County Ryan White Part A Care Continuum Provide Enterprise Report: 6/1/2021 – 8/31/2021 & 9/1/2021 – 11/30/2021

Oral Health HIV Care Continuum: White (Non-Hispanic)

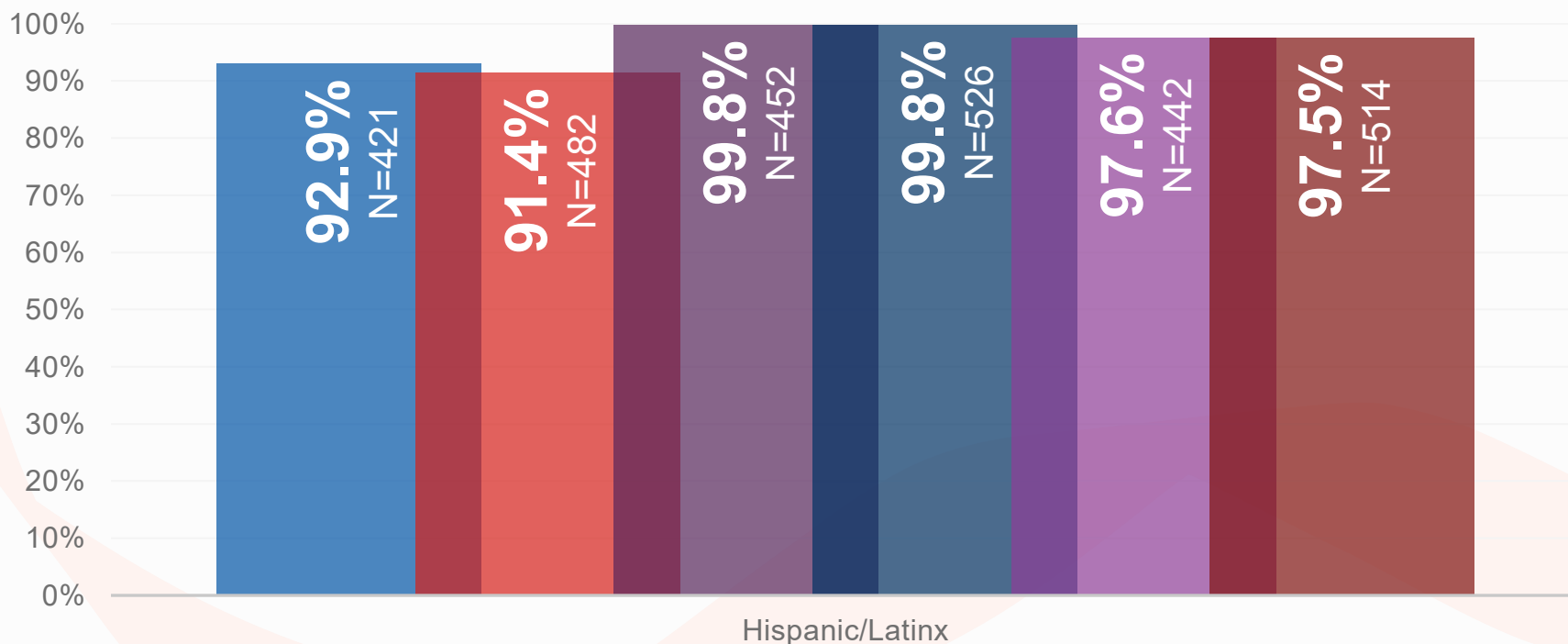
- FY 21 - Q2 RIC
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- FY 21 - Q2 Prescribed ARV
- FY 21 - Q3 Prescribed ARV
- FY 21 - Q2 VS
- FY 21 - Q3 VS



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Oral Health HIV Care Continuum: Hispanic/Latinx

- FY 21 - Q2 RIC
- FY 21 - Q3 RIC
- FY 21 - Q2 Prescribed ARV
- FY 21 - Q3 Prescribed ARV
- FY 21 - Q2 VS
- FY 21 - Q3 VS



Total Clients: FY 2021 – Q2: Black = 735, White = 620, Hispanic = 453; FY 2021 – Q3: Black = 827, White = 652, Hispanic = 527
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Key Take Aways

- **Retention in care** among oral health clients is 30% higher than the national percentage of 68.7%.
- **Viral Suppression** among oral Health clients is 35% higher than the national average

The correlation between clients being prescribed ARVs and being virally suppressed indicates that there is a discrepancy in treatment adherence.

AETC Program National Centers and HIV Curriculum

- **National Coordinating Resource Center** – serves as the central web –based repository for AETC Program training and capacity building resources; its website includes a free virtual library with training and technical assistance materials, a program directory, and a calendar of trainings and other events. Learn more: <https://aidsetc.org/>
- **National Clinical Consultation Center** – provides free, peer-to-peer, expert advice for health professionals on HIV prevention, care, and treatment and related topics. Learn more: <https://nccc/ucsf.edu>
- **National HIV Curriculum** – provides ongoing, up –to-date HIV training and information for health professionals through a free, web –based curriculum; also provides free CME credits, CNE contact hours, CE contact hours, and maintenance of certification credits. Learn more: www.hiv.uw.edu

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THANK YOU FOR ATTENDING!

